

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044416.D
 Acq On : 12 Feb 2020 19:47
 Operator : CG/JU
 Sample : L1491-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 01:06:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	84813	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	348341	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	219622	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	479372	20.00	ng	0.00
76) Chrysene-d12	21.53	240	455431	20.00	ng	0.00
87) Perylene-d12	24.62	264	488650	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	521335	108.48	ng	0.00
7) Phenol-d6	7.08	99	678195	105.09	ng	0.00
23) Nitrobenzene-d5	9.06	82	407751	66.08	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	259165	100.52	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	889022	67.79	ng	0.00
79) Terphenyl-d14	19.90	244	1384797	62.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	87901	40.710	ng	99
3) Pyridine	3.76	79	219259	38.115	ng	97
4) n-Nitrosodimethylamine	3.68	42	117195	48.754	ng	98
6) Aniline	7.22	93	244453	30.517	ng	100
8) 2-Chlorophenol	7.47	128	282339	53.457	ng	98
9) Benzaldehyde	7.04	77	120677	32.834	ng	98
10) Phenol	7.11	94	347181	54.360	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	255217	46.742	ng	97
12) 1,3-Dichlorobenzene	7.79	146	292990	46.462	ng	98
13) 1,4-Dichlorobenzene	7.94	146	292710	46.866	ng	99
14) 1,2-Dichlorobenzene	8.26	146	278292	47.141	ng	99
15) Benzyl Alcohol	8.14	79	227292	49.749	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	338182	45.761	ng	99
17) 2-Methylphenol	8.35	107	233944	51.340	ng	96
18) Hexachloroethane	8.99	117	107631	45.923	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	197125	45.834	ng	97
20) 3+4-Methylphenols	8.68	107	317801	50.606	ng	100
22) Acetophenone	8.72	105	376557	44.436	ng	99
24) Nitrobenzene	9.10	77	285014	47.316	ng	97
25) Isophorone	9.63	82	536460	46.648	ng	99
26) 2-Nitrophenol	9.82	139	156363	50.027	ng	98
27) 2,4-Dimethylphenol	9.88	122	259628	58.845	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	345688	45.060	ng	100
29) 2,4-Dichlorophenol	10.36	162	264884	49.651	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	280171	45.800	ng	99
31) Naphthalene	10.76	128	802550	47.487	ng	100
32) Benzoic acid	10.06	122	93423	36.827	ng	92
33) 4-Chloroaniline	10.86	127	113342	14.746	ng	97
34) Hexachlorobutadiene	11.05	225	167695	44.551	ng	98
35) Caprolactam	11.63	113	55294	28.294	ng	98
36) 4-Chloro-3-methylphenol	12.00	107	278974	49.876	ng	99
37) 2-Methylnaphthalene	12.37	142	585566	46.665	ng	99
38) 1-Methylnaphthalene	12.58	142	560659	47.392	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	292232	44.482	ng	99

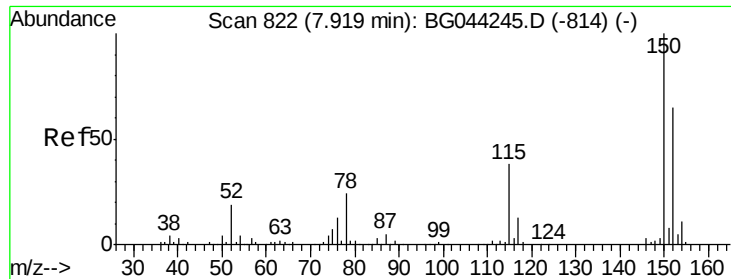
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	322186	102.207	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	206219	48.563	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	218533	50.385	ng	99
46) 1,1'-Biphenyl	13.38	154	737346	46.545	ng	99
47) 2-Chloronaphthalene	13.42	162	580067	46.015	ng	99
48) 2-Nitroaniline	13.62	65	170777	45.905	ng	98
49) Acenaphthylene	14.26	152	911520	49.299	ng	99
50) Dimethylphthalate	14.00	163	770410	48.800	ng	99
51) 2,6-Dinitrotoluene	14.11	165	167569	47.605	ng	98
52) Acenaphthene	14.60	154	556988	46.476	ng	98
53) 3-Nitroaniline	14.45	138	92367	23.718	ng	94
54) 2,4-Dinitrophenol	14.65	184	165540	79.428	ng	97
55) Dibenzofuran	14.94	168	868436	47.861	ng	100
56) 4-Nitrophenol	14.77	139	307601	107.831	ng	99
57) 2,4-Dinitrotoluene	14.90	165	237836	48.208	ng	99
58) Fluorene	15.59	166	692910	48.484	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	198985	50.791	ng	99
60) Diethylphthalate	15.37	149	738111	46.922	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	367898	47.477	ng	99
62) 4-Nitroaniline	15.61	138	173616	44.616	ng	98
63) Azobenzene	15.88	77	667169	48.392	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	137394	51.923	ng	99
66) n-Nitrosodiphenylamine	15.80	169	650866	48.449	ng	98
67) 4-Bromophenyl-phenylether	16.48	248	242832	46.496	ng	98
68) Hexachlorobenzene	16.60	284	266479	45.543	ng	100
69) Atrazine	16.75	200	250891	54.487	ng	100
70) Pentachlorophenol	16.95	266	270329	90.917	ng	97
71) Phenanthrene	17.33	178	1114775	48.024	ng	100
72) Anthracene	17.42	178	1149149	50.073	ng	100
73) Carbazole	17.69	167	1043184	49.307	ng	99
74) Di-n-butylphthalate	18.25	149	1278173	48.888	ng	100
75) Fluoranthene	19.34	202	1335567	49.736	ng	99
77) Benzidine	19.52	184	561784	44.471	ng	98
78) Pyrene	19.70	202	1329914	45.470	ng	99
80) Butylbenzylphthalate	20.59	149	597897	44.858	ng	99
81) Benzo(a)anthracene	21.51	228	1273174	45.359	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	237576	21.809	ng	99
83) Chrysene	21.58	228	1231474	45.390	ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	842945	45.948	ng	100
85) Di-n-octyl phthalate	22.60	149	1463035	46.091	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1600273	45.210	ng	100
88) Benzo(b)fluoranthene	23.65	252	1356696	48.182	ng	100
89) Benzo(k)fluoranthene	23.71	252	1339900	48.824	ng	100
90) Benzo(a)pyrene	24.48	252	1271296	47.752	ng	98
91) Dibenzo(a,h)anthracene	28.18	278	1306771	49.597	ng	99
92) Benzo(g,h,i)perylene	29.21	276	1338362	50.742	ng	98

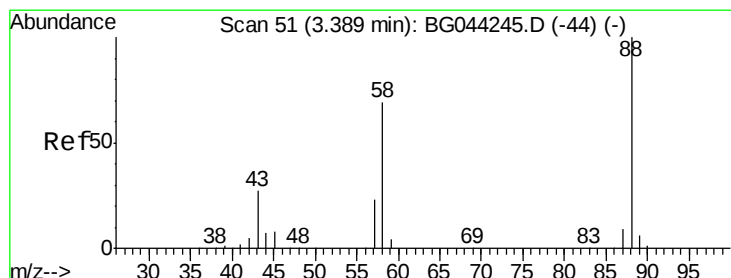
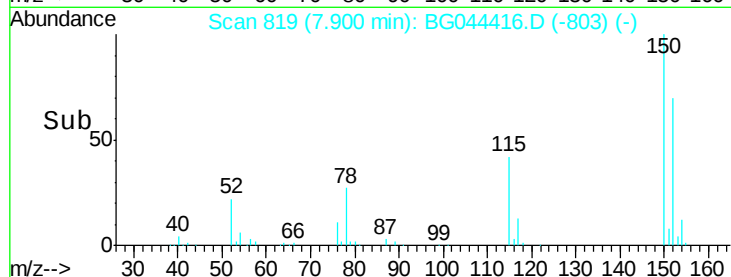
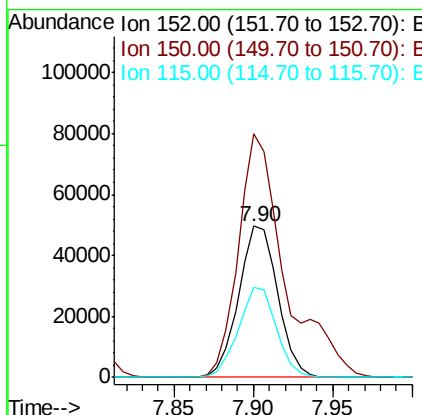
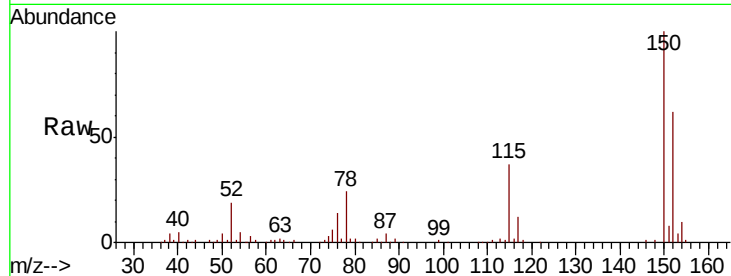
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

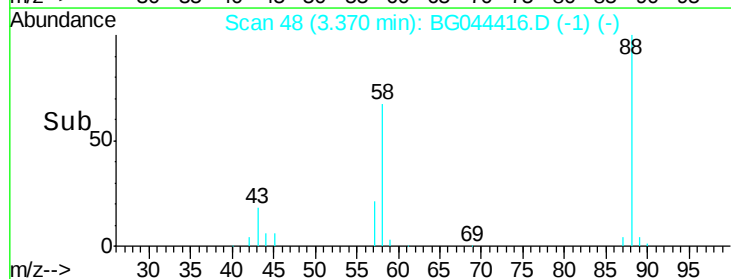
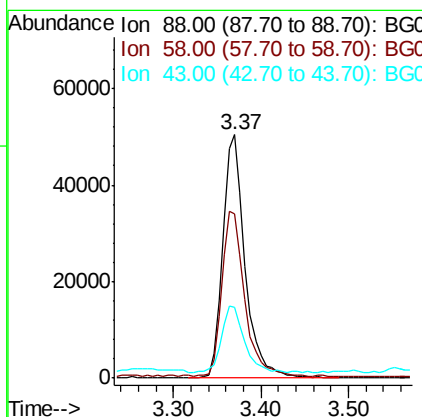
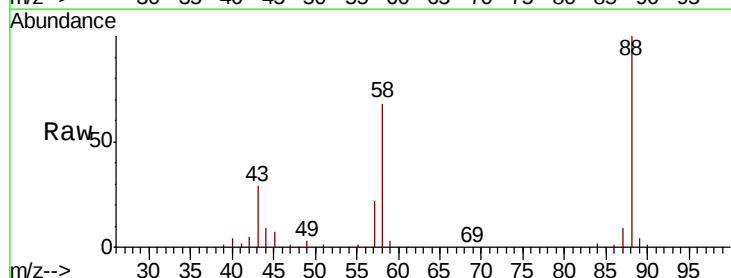
Instrument :
 BNA_G
 ClientSampleId :

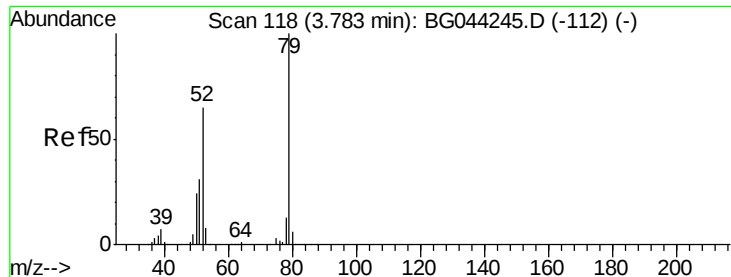
Tot Ion:152 Resp: 84813
 Ion Ratio Lower Upper
 152 100
 150 161.1 122.6 183.8
 115 59.4 46.0 69.0



#2
 1,4-Dioxane
 Concen: 40.710 ng
 RT: 3.37 min Scan# 48
 Delta R.T. 0.01 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion: 88 Resp: 87901
 Ion Ratio Lower Upper
 88 100
 58 70.6 55.8 83.6
 43 27.8 21.6 32.4





#3

Pvridine

Concen: 38.115 ng

RT: 3.76 min Scan# 115

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

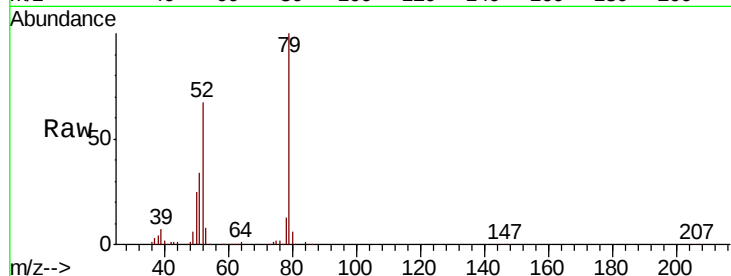
Tot Ion: 79 Resp: 219259

Ion Ratio Lower Upper

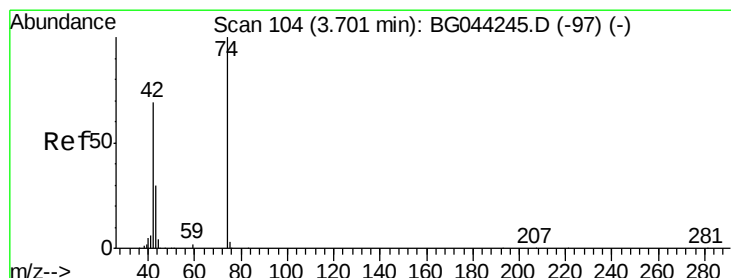
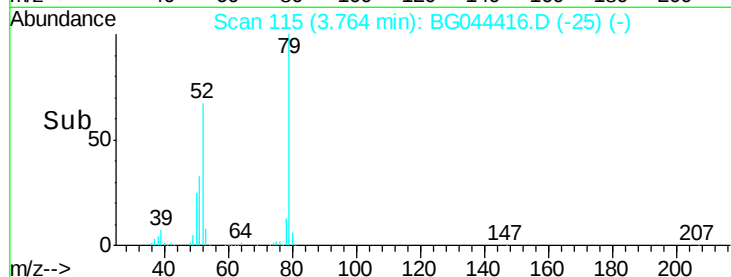
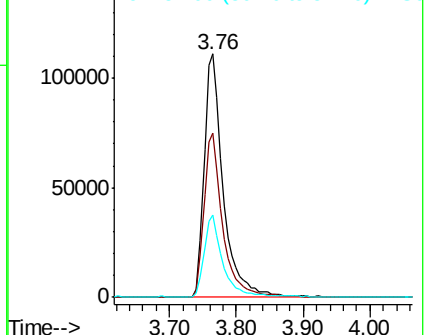
79 100

52 67.2 51.9 77.9

51 33.7 25.3 37.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 48.754 ng

RT: 3.68 min Scan# 101

Delta R.T. 0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

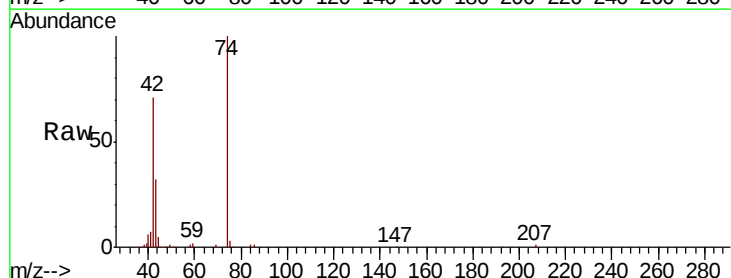
Tgt Ion: 42 Resp: 117195

Ion Ratio Lower Upper

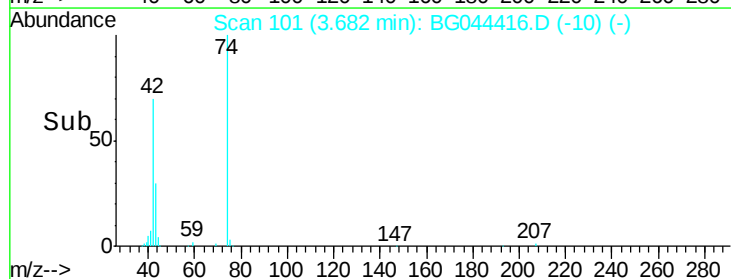
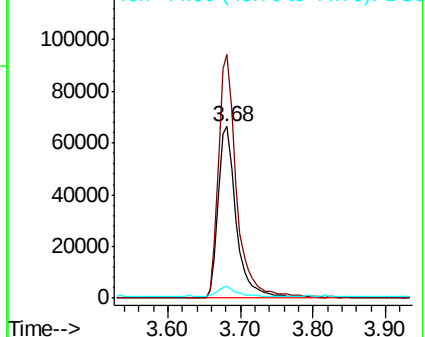
42 100

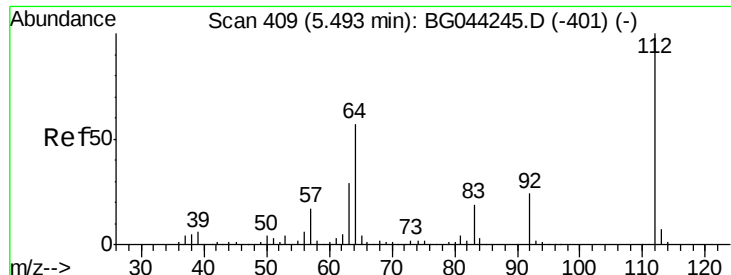
74 141.6 115.1 172.7

44 7.3 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 108.483 ng

RT: 5.49 min Scan# 408

Delta R.T. 0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

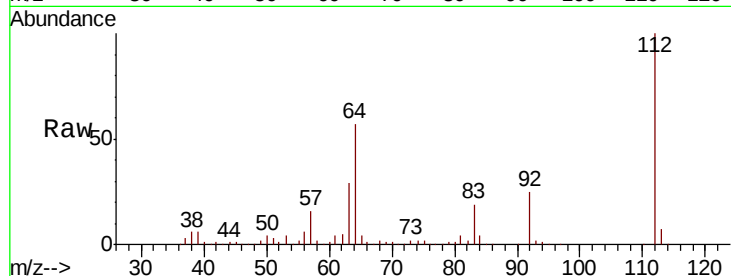
Tot Ion:112 Resp: 521335

Ion Ratio Lower Upper

112 100

64 56.8 45.4 68.2

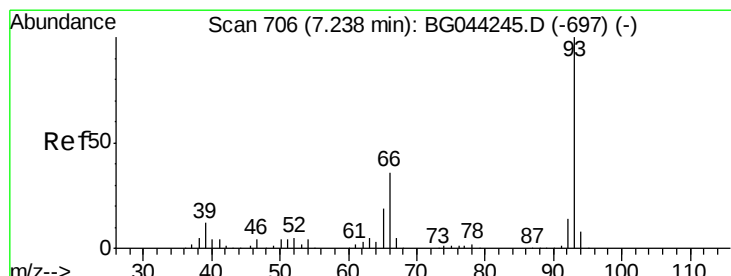
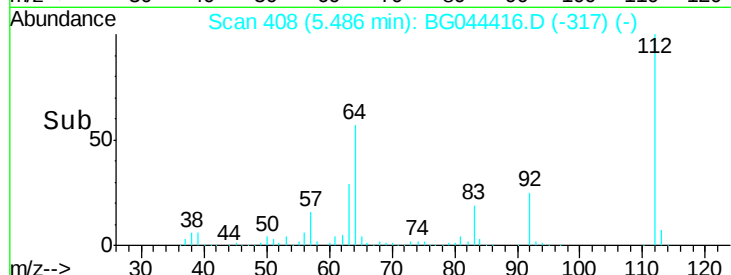
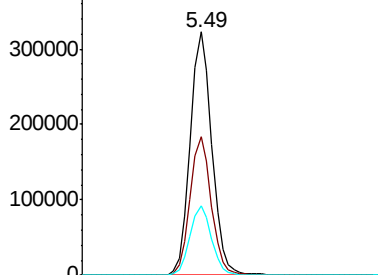
63 28.7 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.517 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

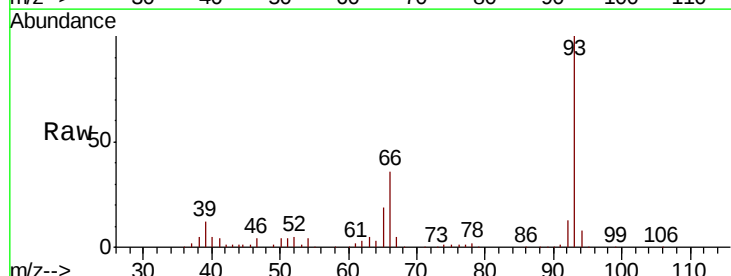
Tgt Ion: 93 Resp: 244453

Ion Ratio Lower Upper

93 100

66 36.0 28.7 43.1

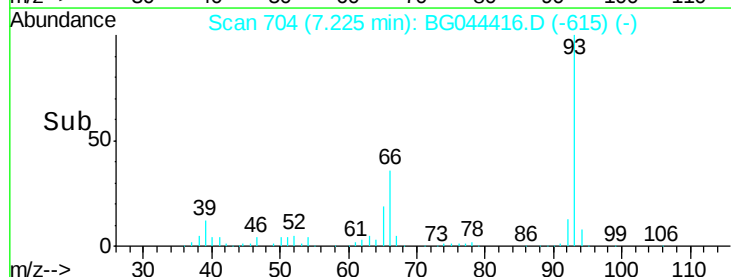
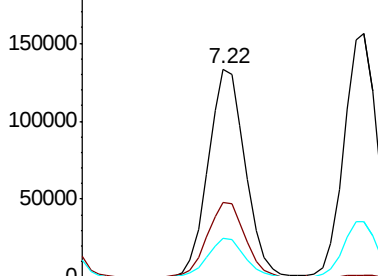
65 18.8 15.4 23.0

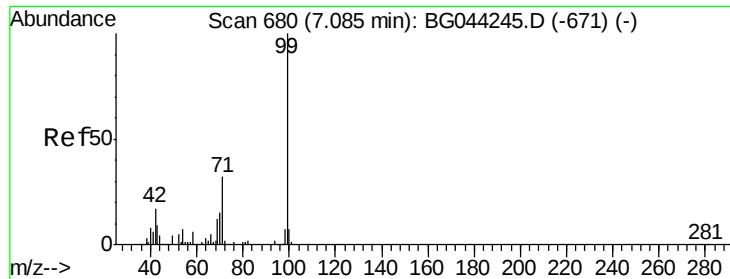


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 105.092 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

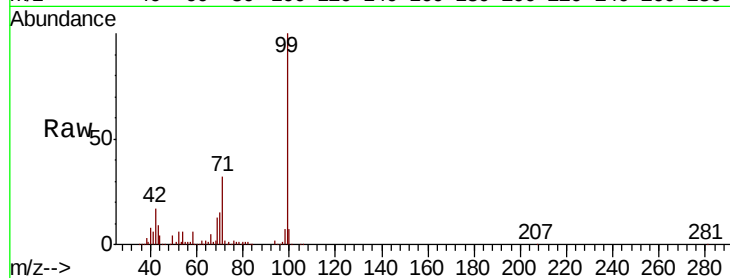
Tot Ion: 99 Resp: 678195

Ion Ratio Lower Upper

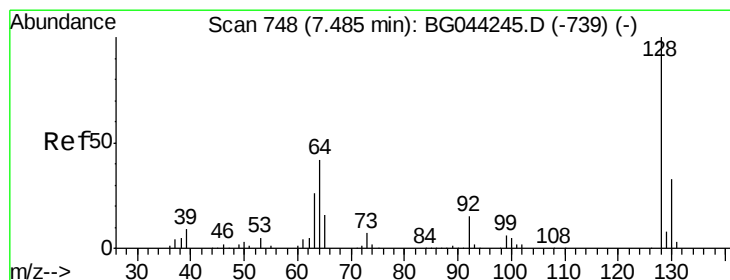
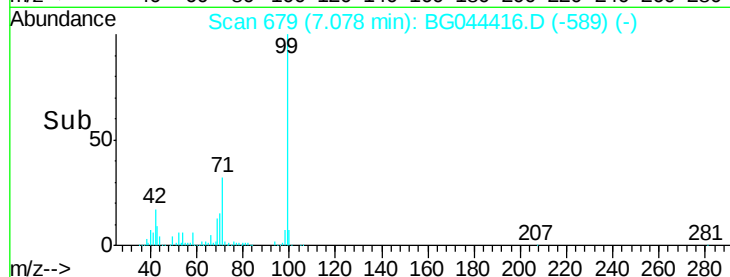
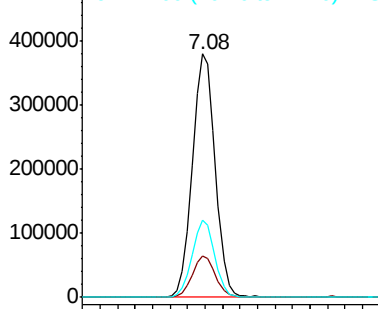
99 100

42 17.2 13.8 20.6

71 31.8 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 53.457 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

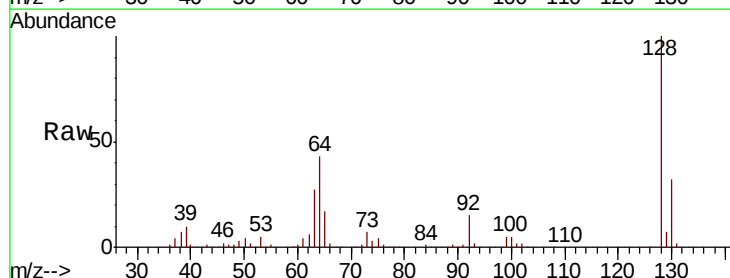
Tgt Ion: 128 Resp: 282339

Ion Ratio Lower Upper

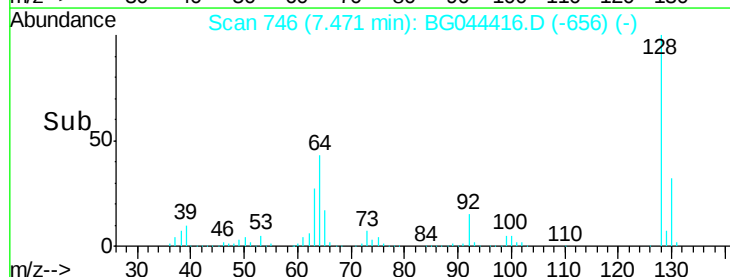
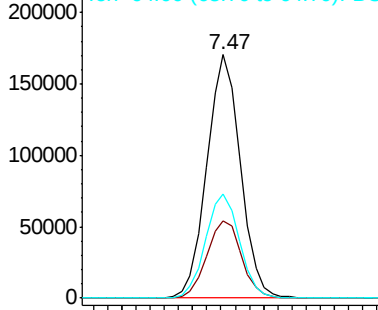
128 100

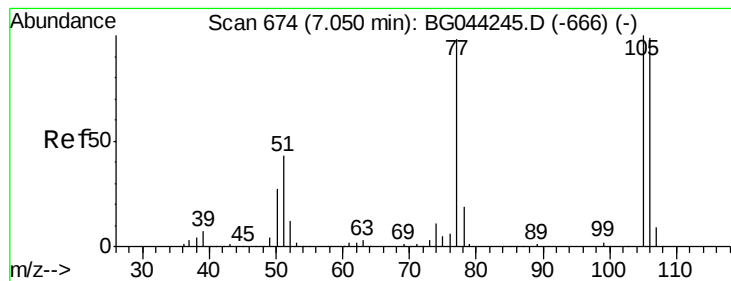
130 31.7 12.5 52.5

64 42.8 24.2 64.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 32.834 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

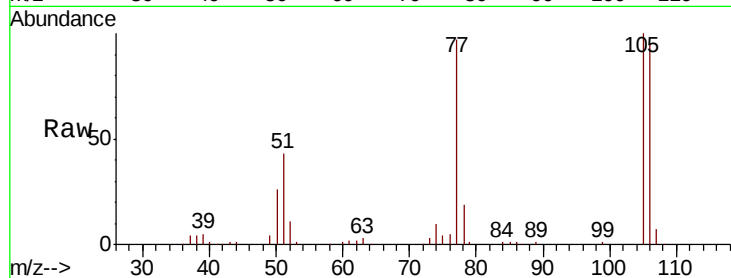
Tot Ion: 77 Resp: 120677

Ion Ratio Lower Upper

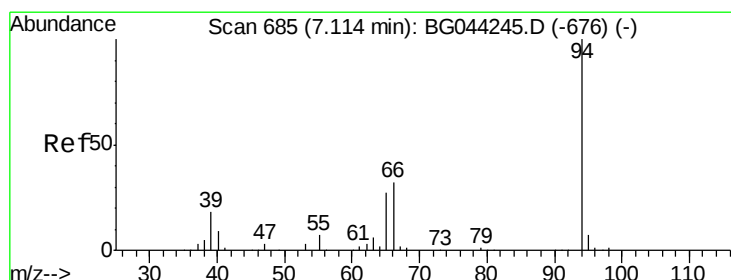
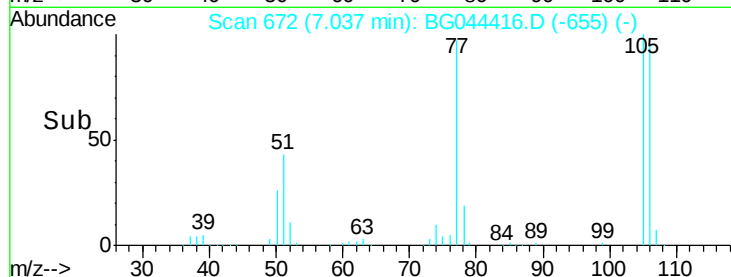
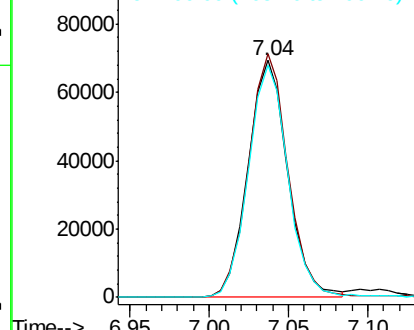
77 100

105 102.7 82.0 122.0

106 98.0 80.7 120.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 54.360 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

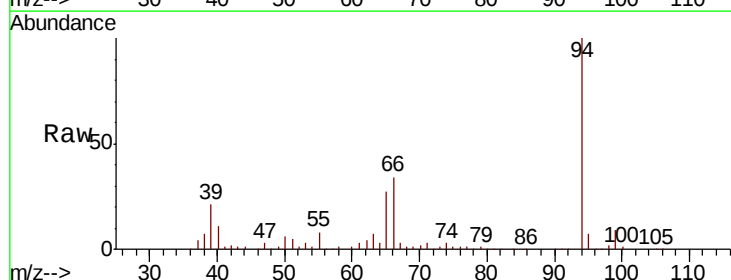
Tgt Ion: 94 Resp: 347181

Ion Ratio Lower Upper

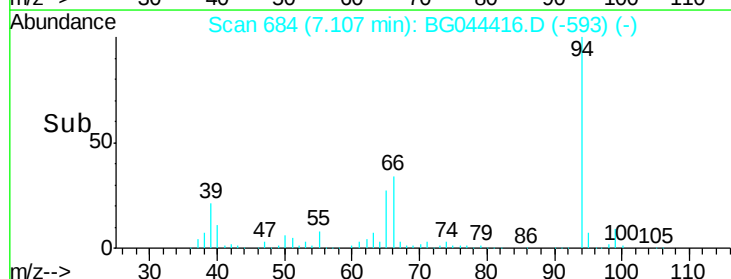
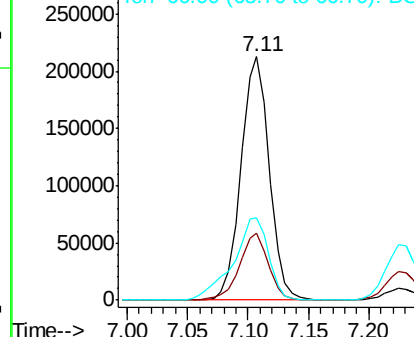
94 100

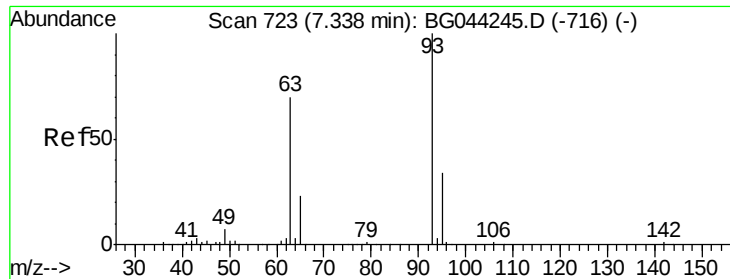
65 27.5 7.0 47.0

66 33.9 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

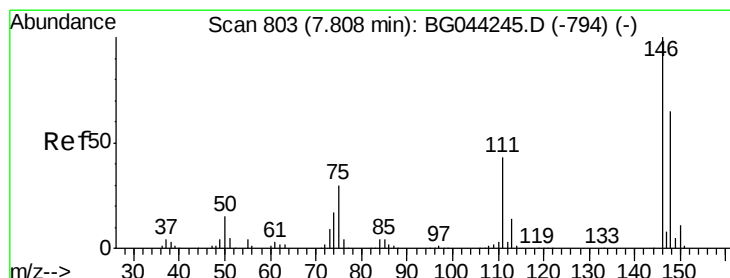
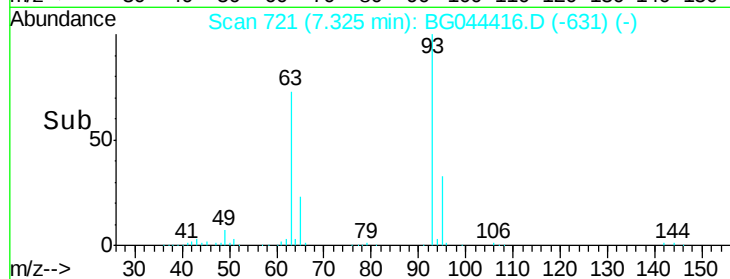
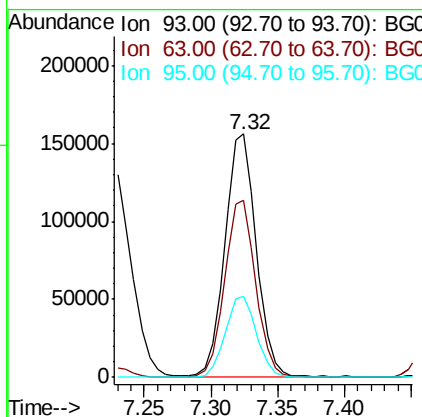
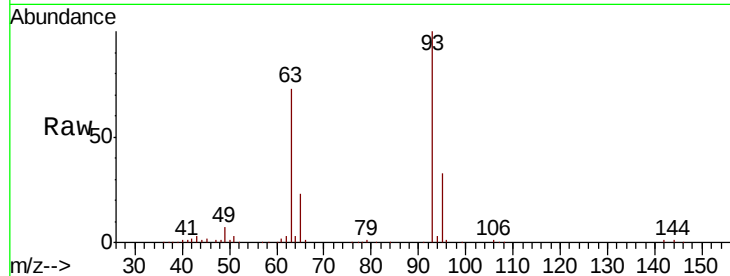




#11
bis(2-Chloroethyl)ether
Concen: 46.742 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

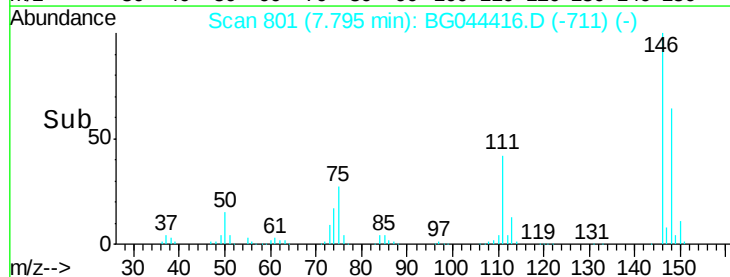
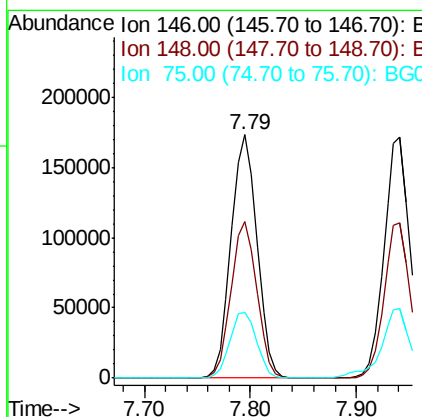
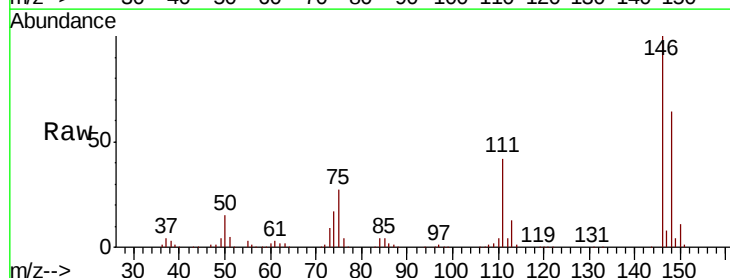
Instrument :
BNA_G
ClientSampleId :

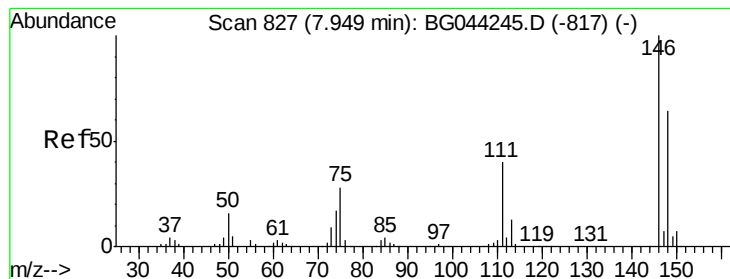
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.8	49.2	89.2
95	33.5	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 46.462 ng
RT: 7.79 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	27.0	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 46.866 ng

RT: 7.94 min Scan# 826

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

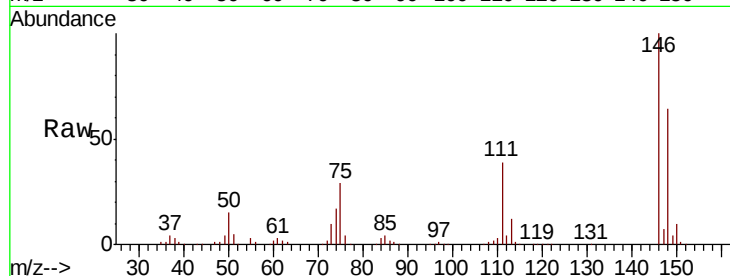
Tot Ion:146 Resp: 292710

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

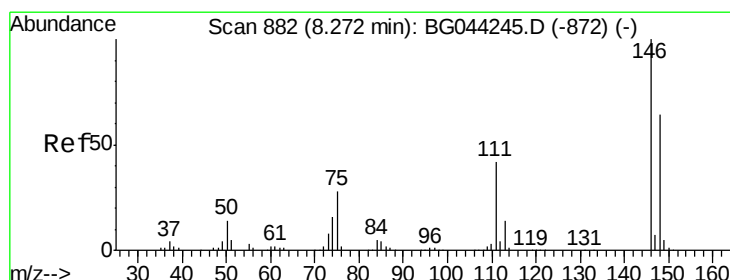
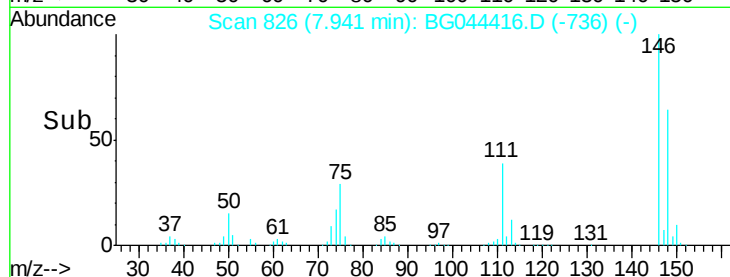
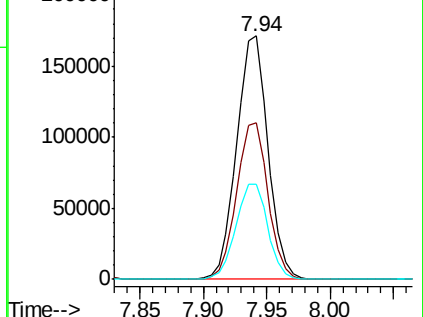
111 39.2 31.8 47.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.141 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

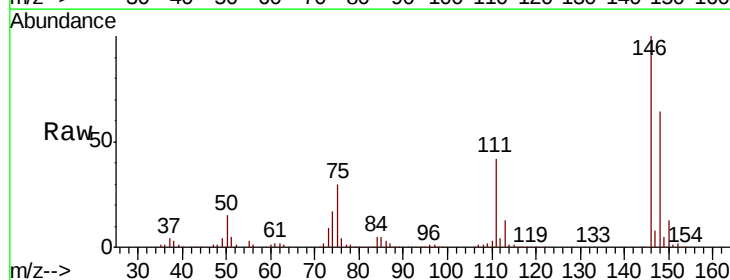
Tgt Ion:146 Resp: 278292

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

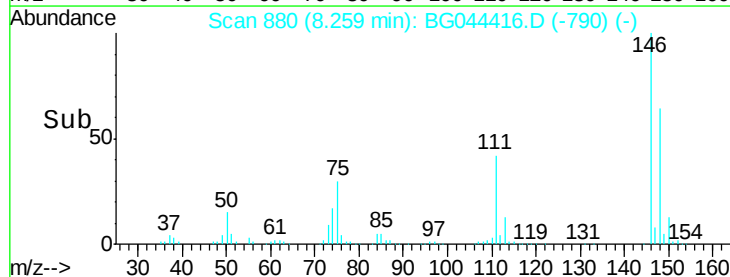
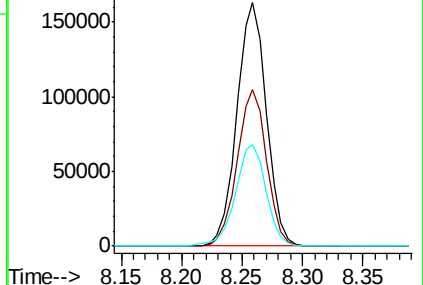
111 41.6 34.0 51.0

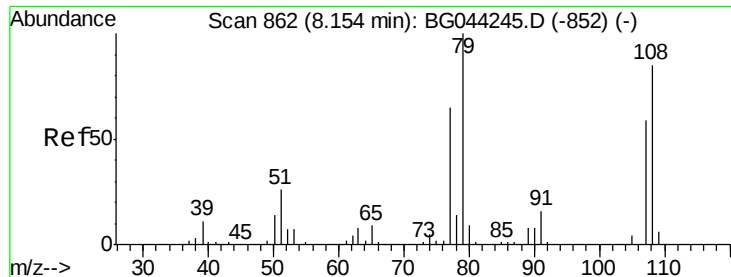


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.749 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampled :

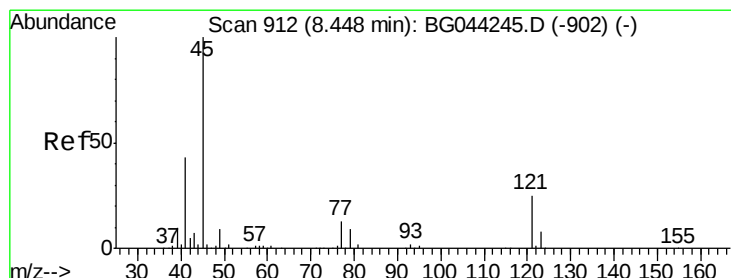
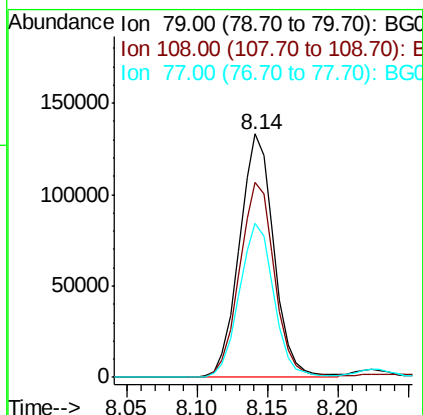
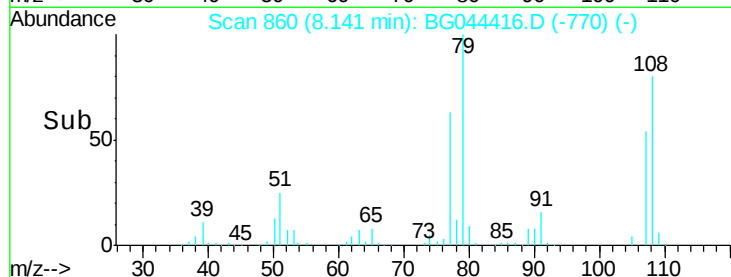
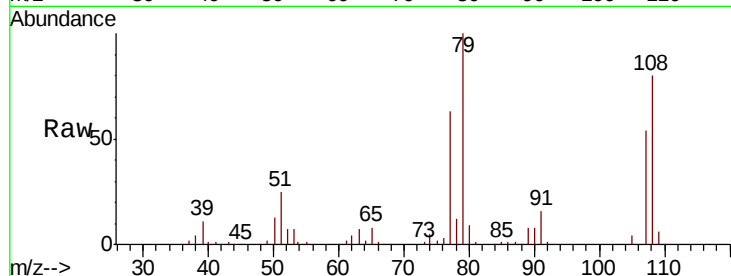
Tot Ion: 79 Resp: 227292

Ion Ratio Lower Upper

79 100

108 80.1 68.3 102.5

77 63.3 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.761 ng

RT: 8.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

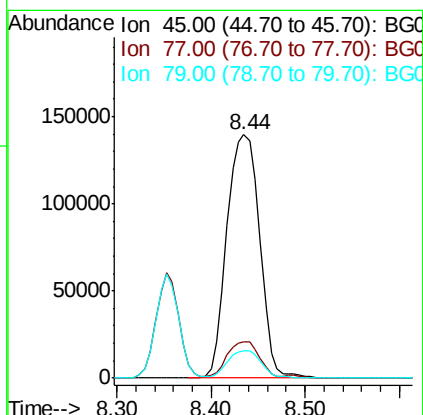
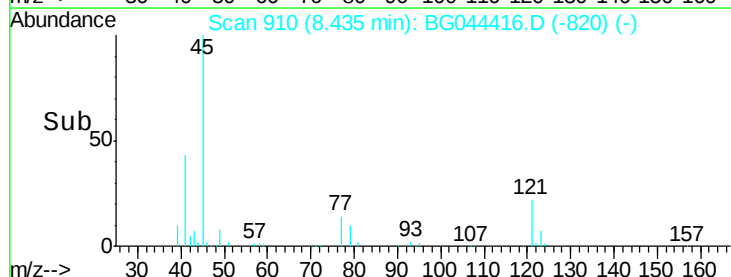
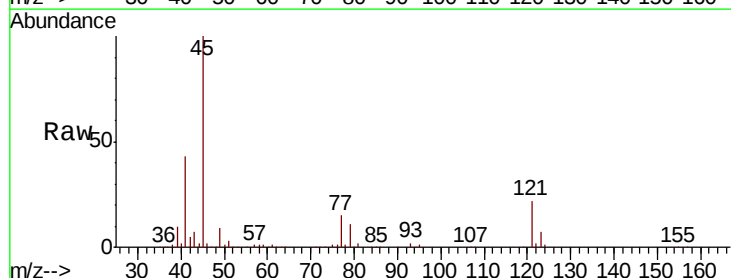
Tgt Ion: 45 Resp: 338182

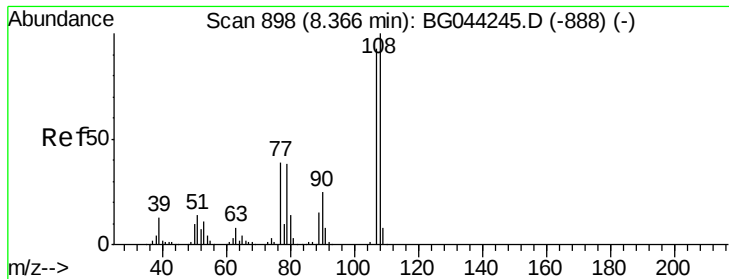
Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.2

79 11.3 0.0 31.1

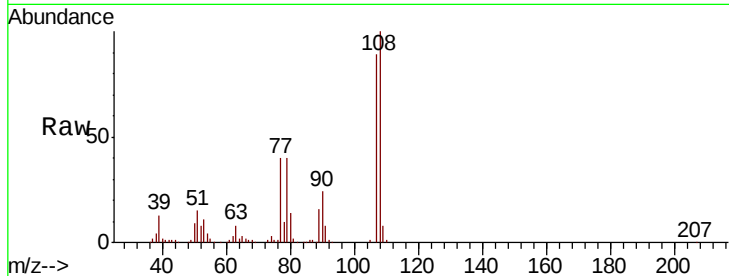




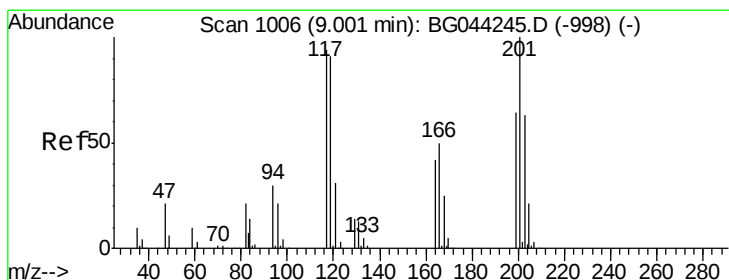
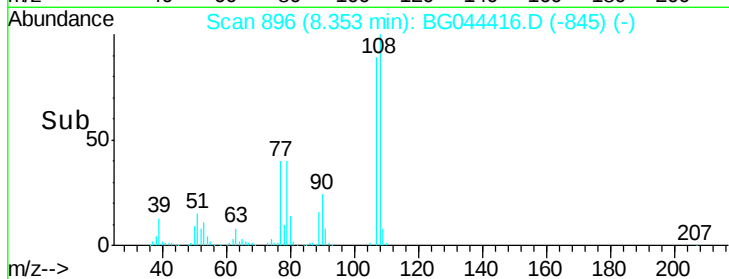
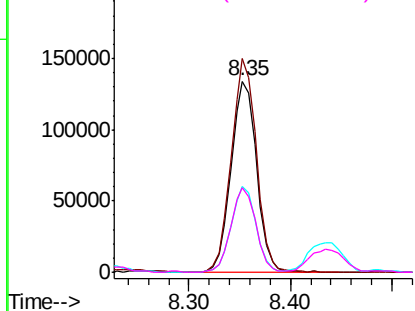
#17
2-Methylphenol
Concen: 51.340 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 233944
Ion Ratio Lower Upper
107 100
108 112.0 86.4 129.6
77 45.2 34.0 51.0
79 44.6 32.9 49.3

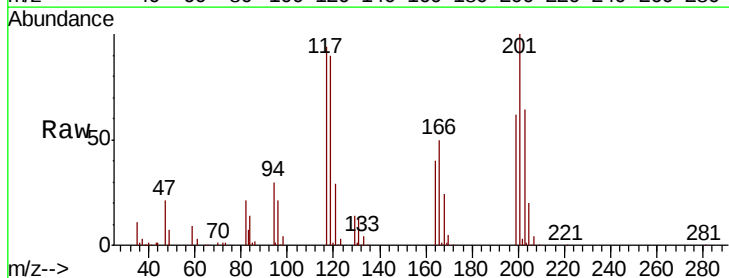


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

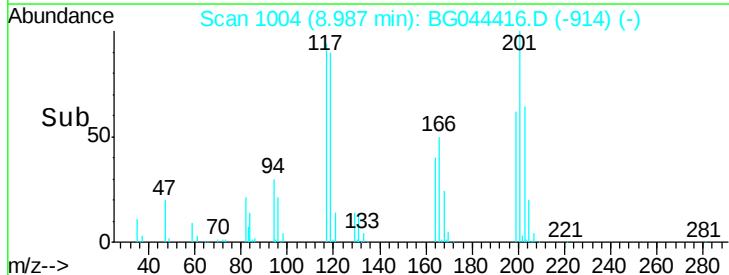
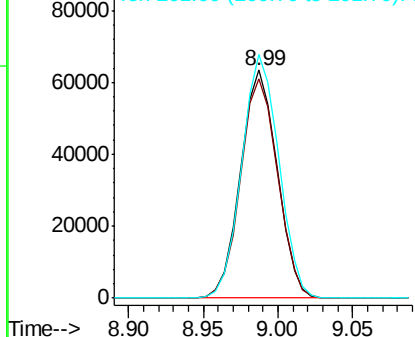


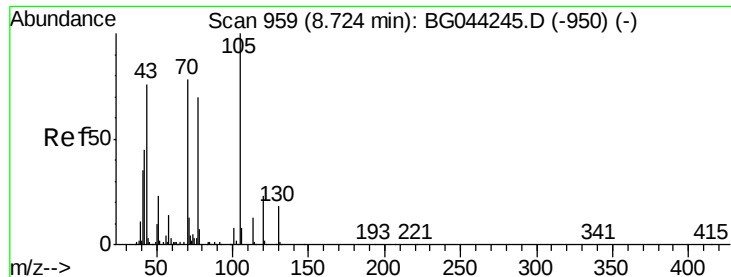
#18
Hexachloroethane
Concen: 45.923 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion:117 Resp: 107631
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3
201 106.7 84.9 127.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

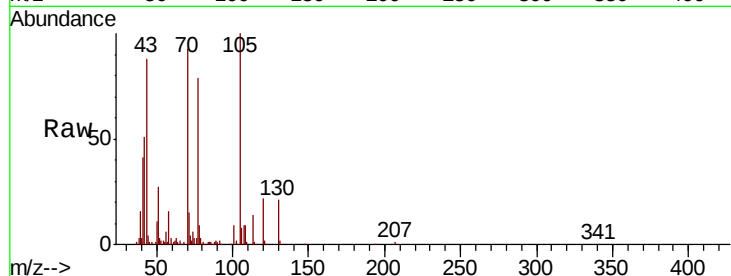




#19
n-Nitroso-di-n-propylamine
Concen: 45.834 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	197125
Ion	Ratio	Lower	Upper
70	100		
42	54.9	46.2	69.2
101	10.1	8.4	12.6
130	22.8	17.8	26.8



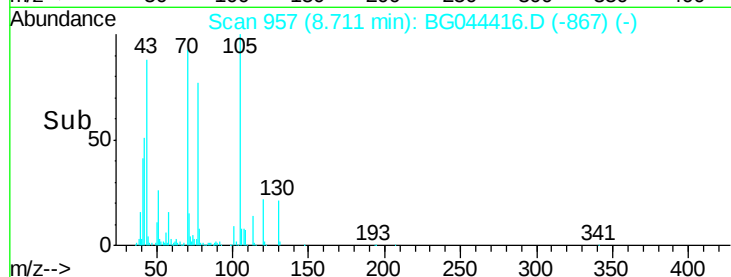
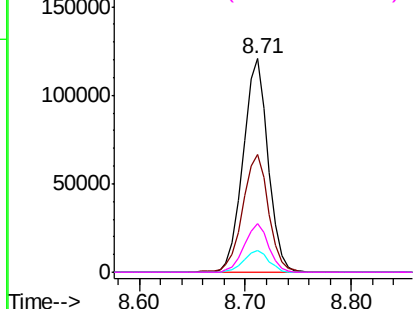
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

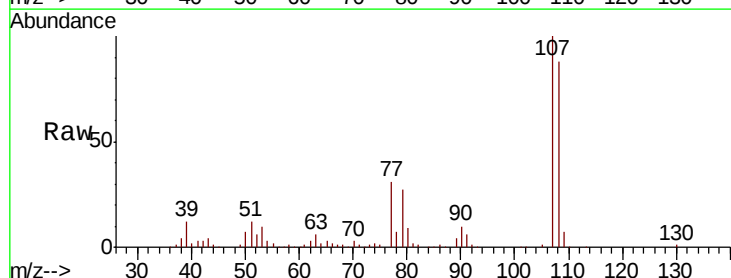
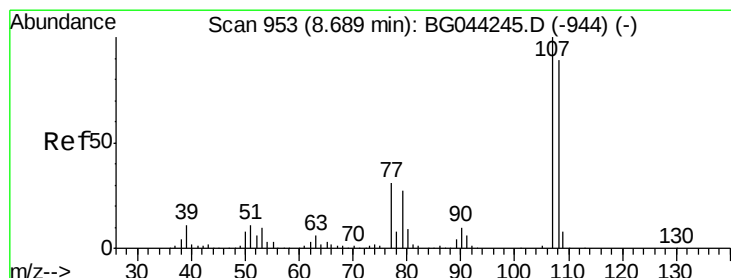
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 50.606 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion:	107	Resp:	317801
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.5	108.5
77	30.7	10.9	50.9
79	27.4	7.1	47.1



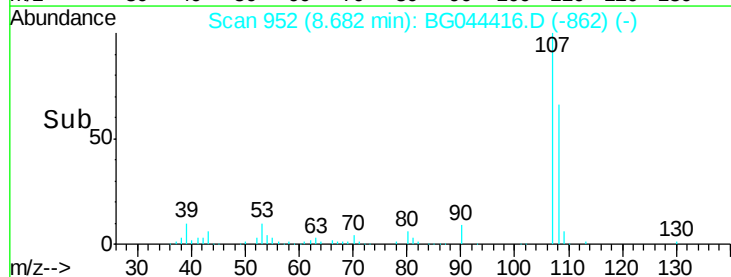
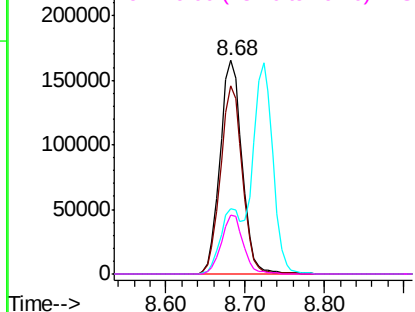
Abundance

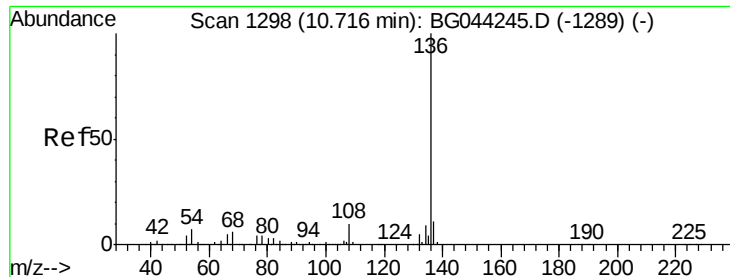
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

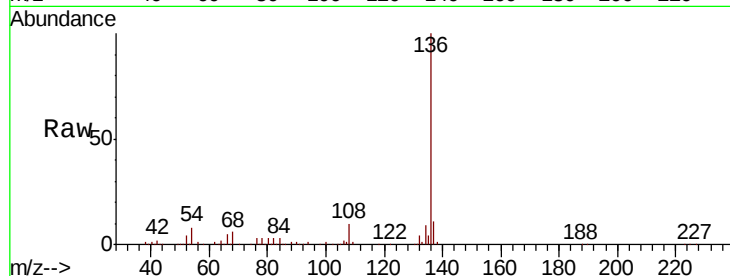




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	348341
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 7.7	5.8	8.8
68 5.6	4.6	6.8



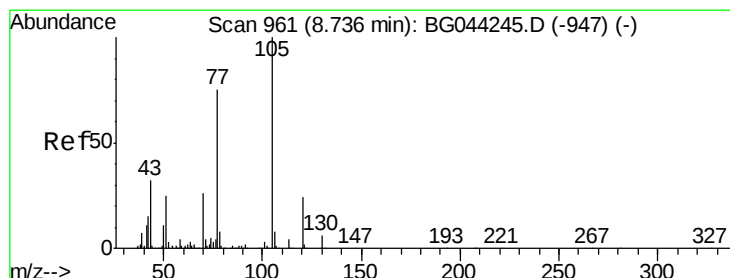
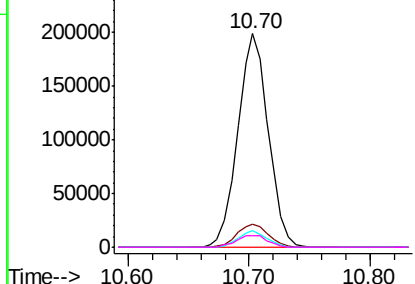
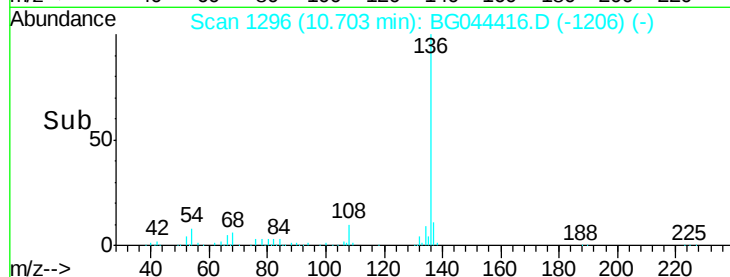
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

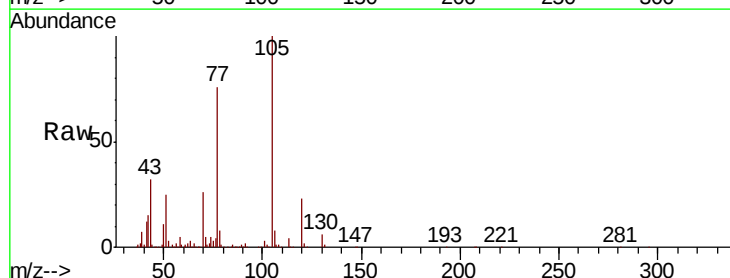
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.436 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt	Ion:105	Resp:	376557
Ion	Ratio	Lower	Upper
105	100		
71	4.6	3.4	5.0
51	24.9	20.2	30.4
120	23.4	19.1	28.7



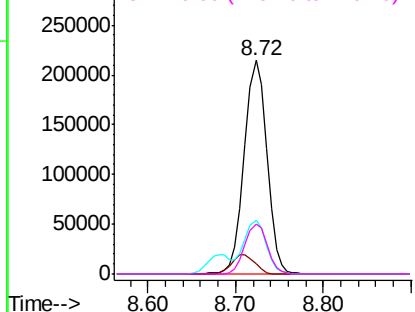
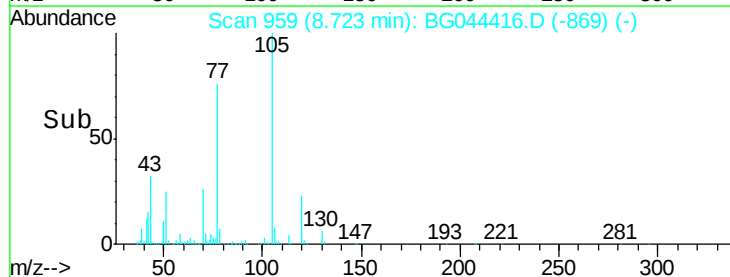
Abundance

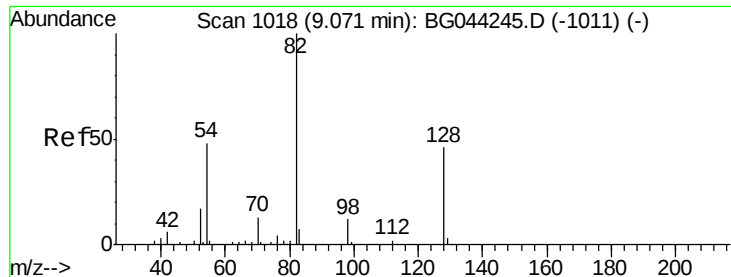
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

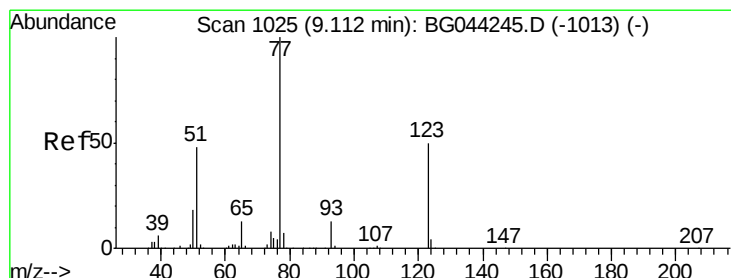
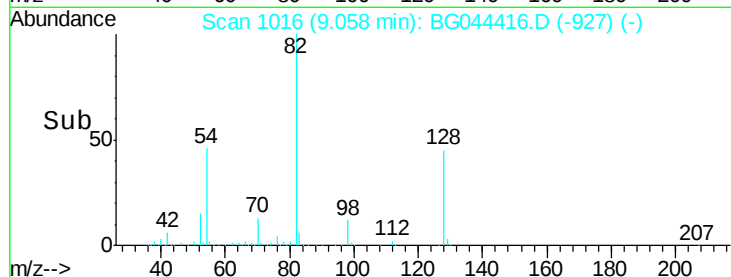
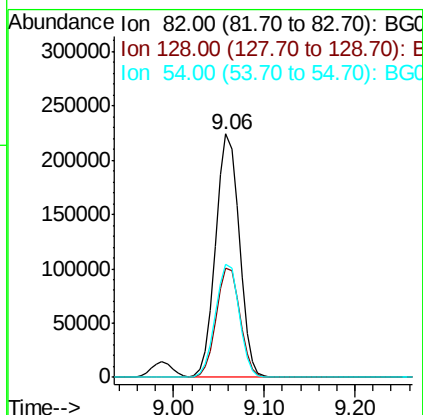
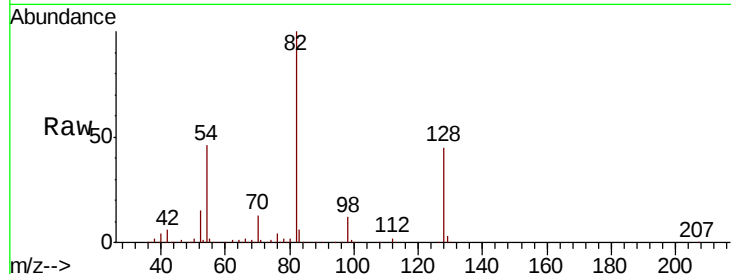




#23
 Nitrobenzene-d5
 Concen: 66.085 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

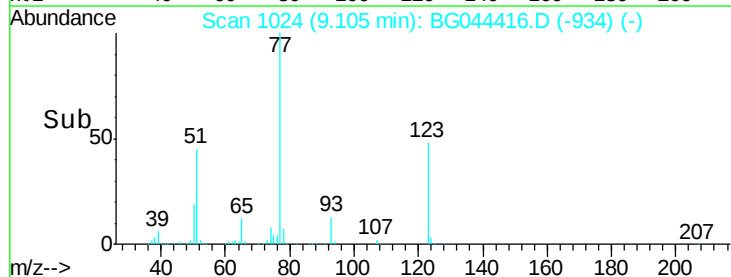
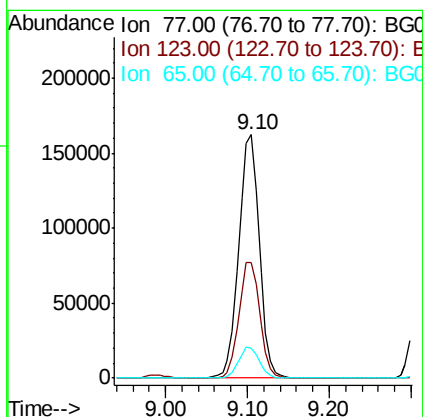
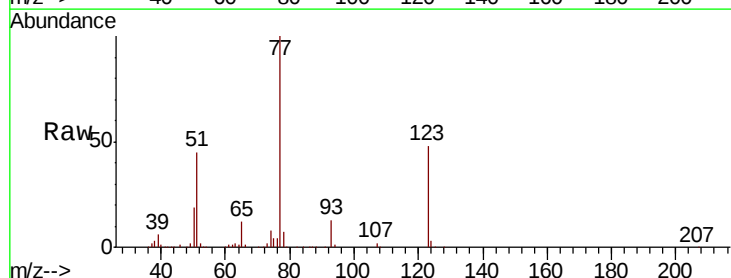
Instrument :
 BNA_G
 ClientSampleId :

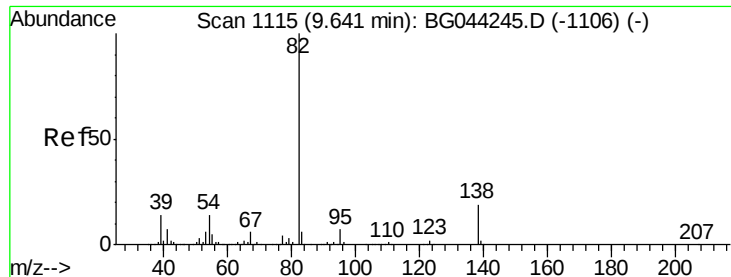
Tot Ion	82	Resp	407751
Ion Ratio	Lower	Upper	
82	100		
128	44.9	36.5	54.7
54	46.4	38.6	58.0



#24
 Nitrobenzene
 Concen: 47.316 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion	77	Resp	285014
Ion Ratio	Lower	Upper	
77	100		
123	47.6	39.9	59.9
65	12.1	10.4	15.6





#25

Isophorone

Concen: 46.648 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

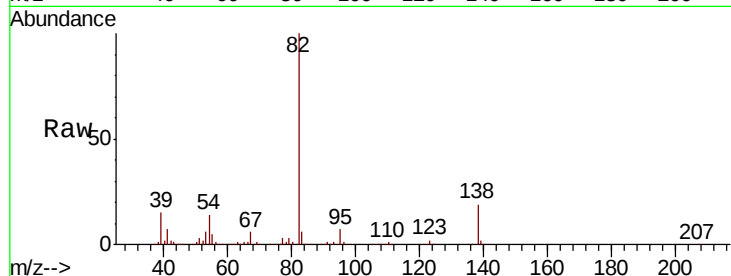
Tot Ion: 82 Resp: 536460

Ion Ratio Lower Upper

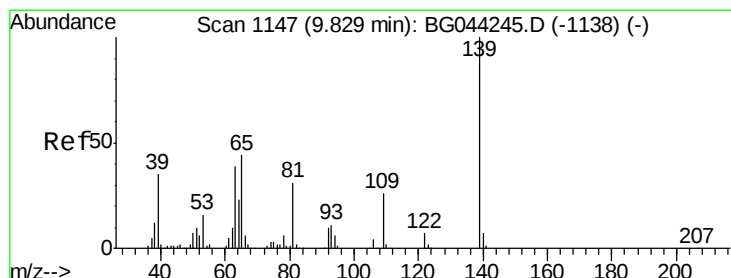
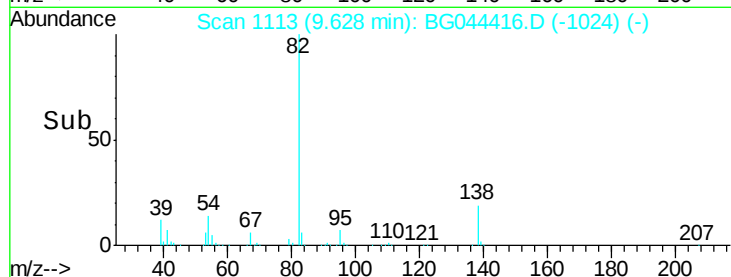
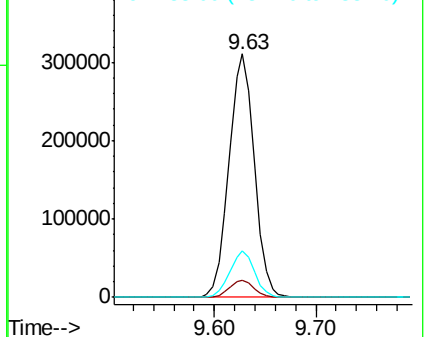
82 100

95 7.1 5.7 8.5

138 19.2 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 50.027 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

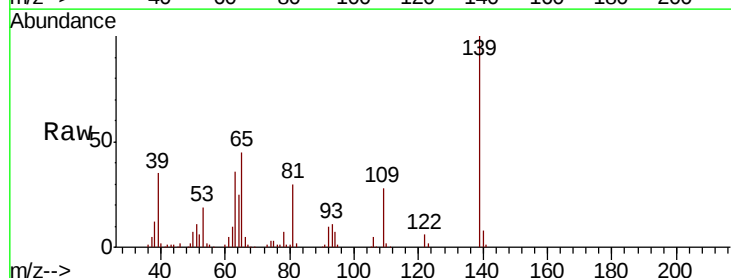
Tgt Ion: 139 Resp: 156363

Ion Ratio Lower Upper

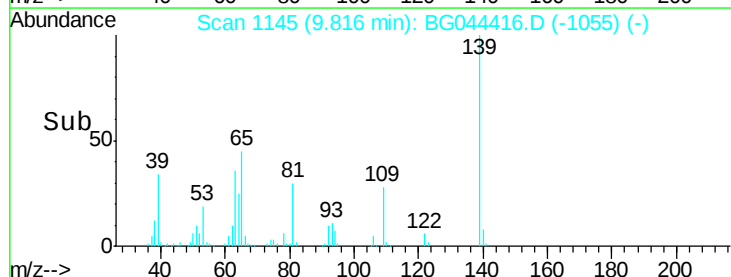
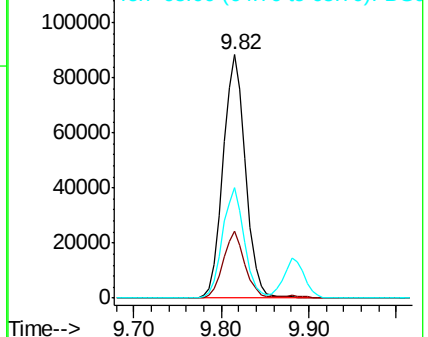
139 100

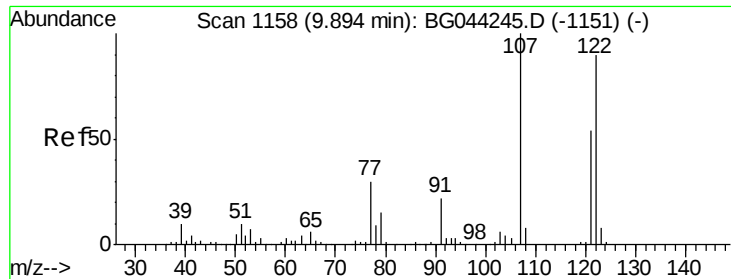
109 27.6 21.0 31.4

65 45.1 35.0 52.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

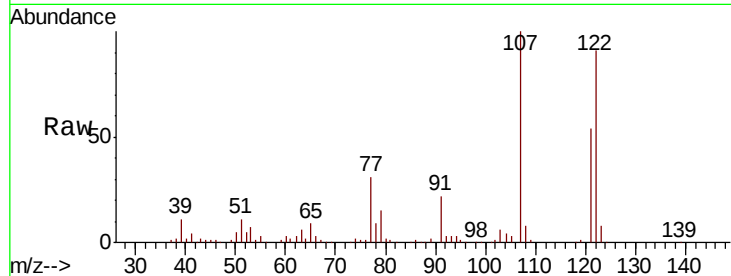




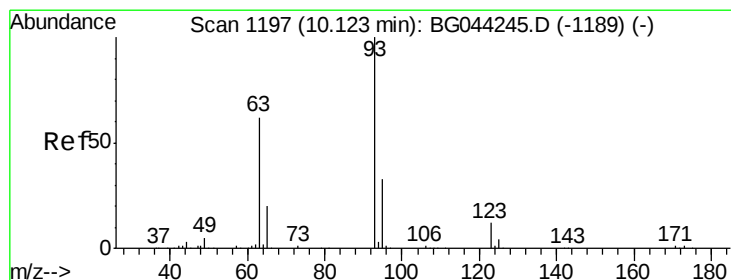
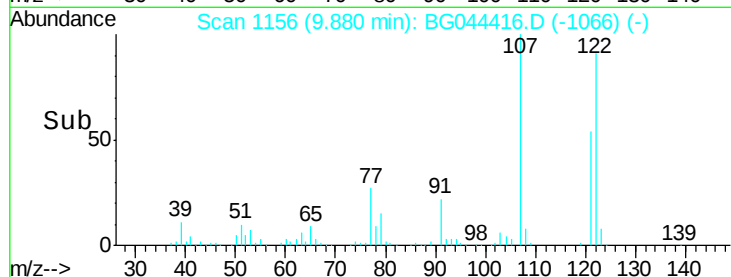
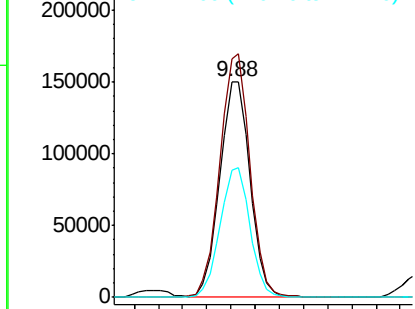
#27
 2,4-Dimethylphenol
 Concen: 58.845 ng
 RT: 9.88 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:122 Resp: 259628
 Ion Ratio Lower Upper
 122 100
 107 110.4 88.8 133.2
 121 59.2 48.3 72.5

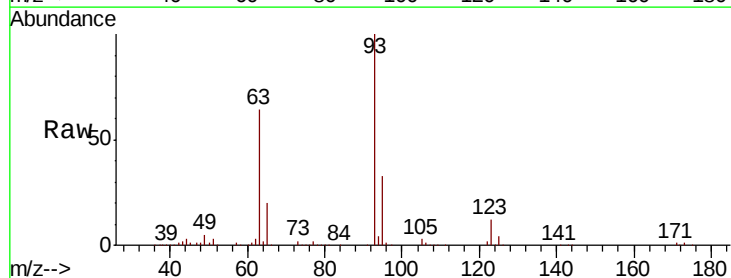


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

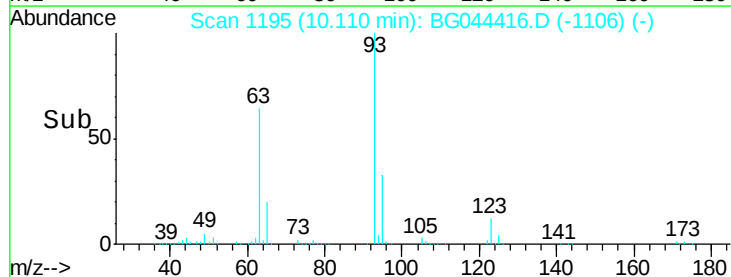
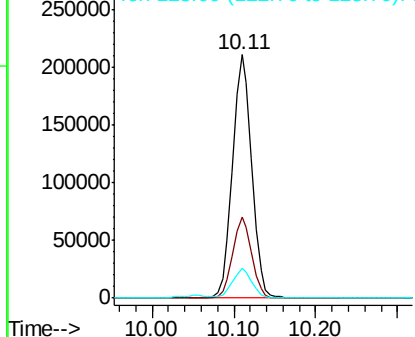


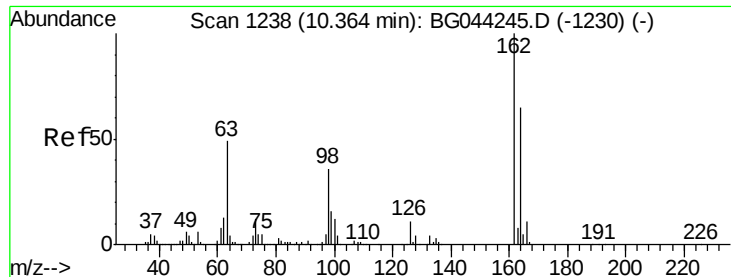
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.060 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion: 93 Resp: 345688
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.6 40.0
 123 12.3 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

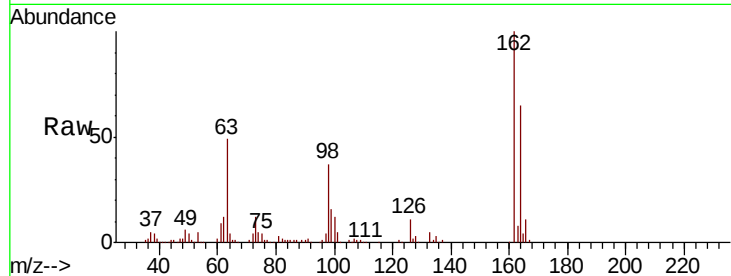




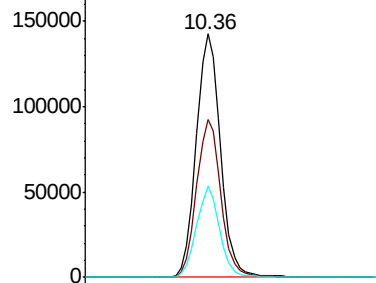
#29
 2,4-Dichlorophenol
 Concen: 49.651 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Instrument :
 BNA_G
 ClientSampleId :

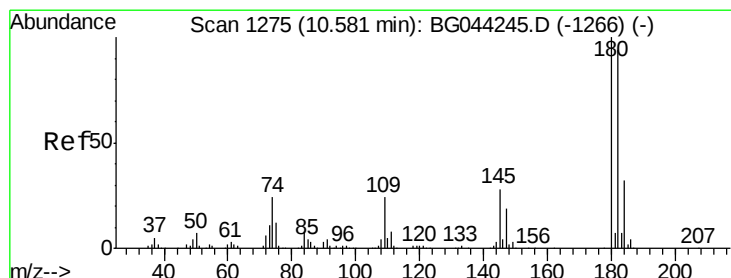
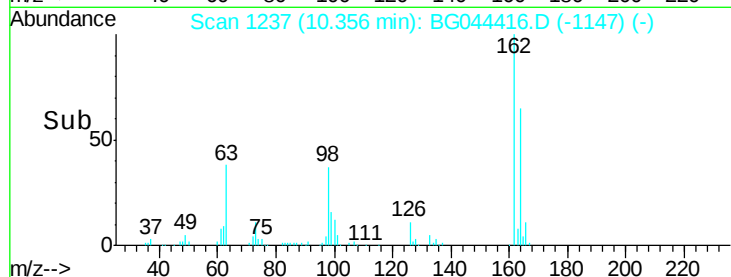
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.7	84.7
98	37.4	15.8	55.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

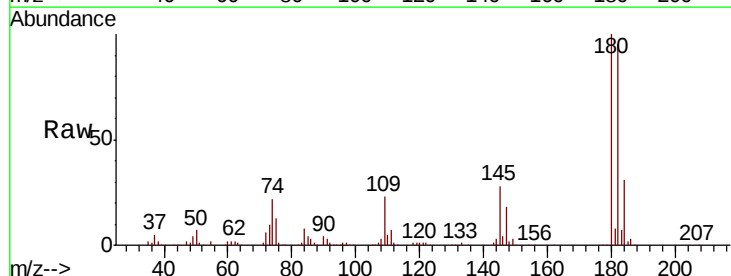


Time-->

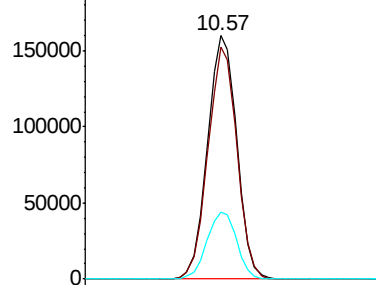


#30
 1,2,4-Trichlorobenzene
 Concen: 45.800 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

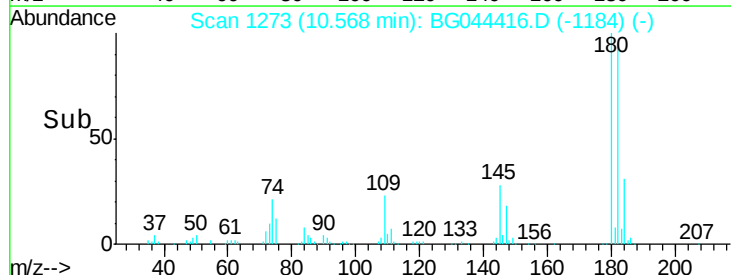
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.5	113.3
145	27.7	22.6	34.0

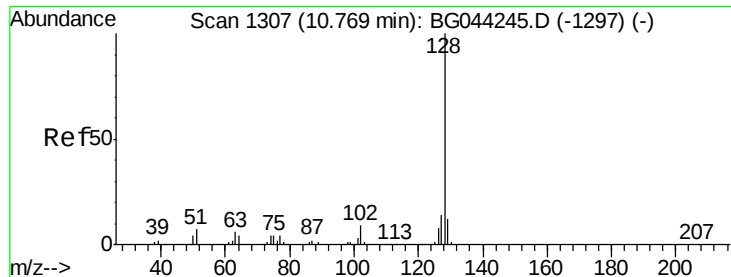


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 47.487 ng

RT: 10.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

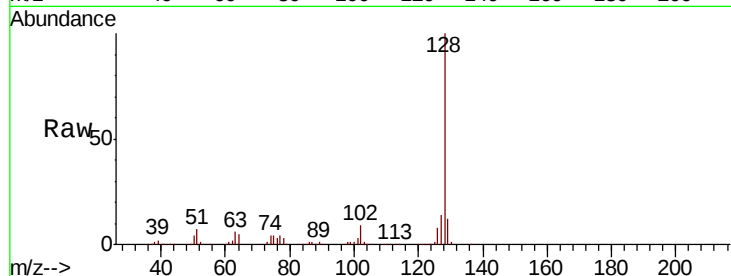
Tot Ion:128 Resp: 802550

Ion Ratio Lower Upper

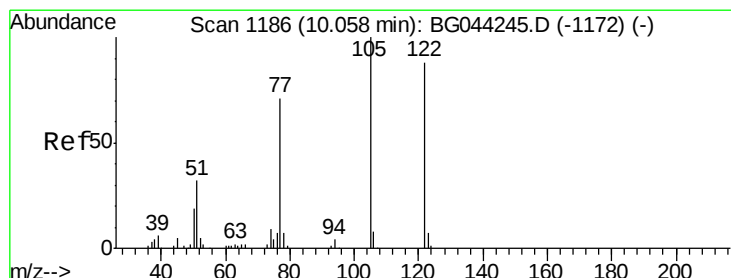
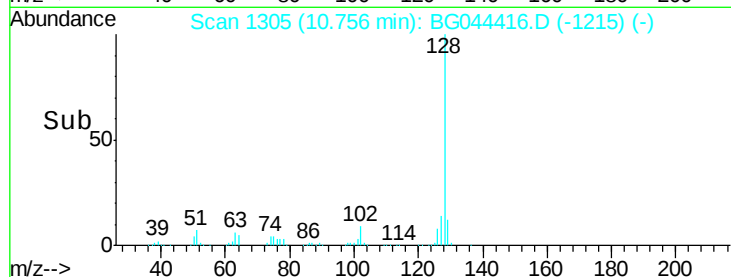
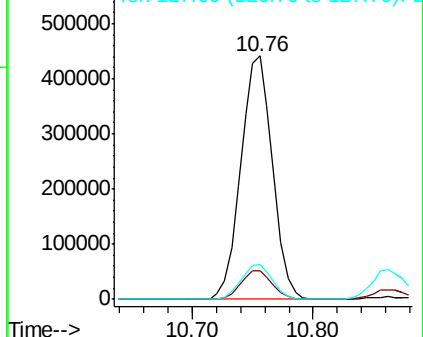
128 100

129 11.5 9.3 13.9

127 14.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.827 ng

RT: 10.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

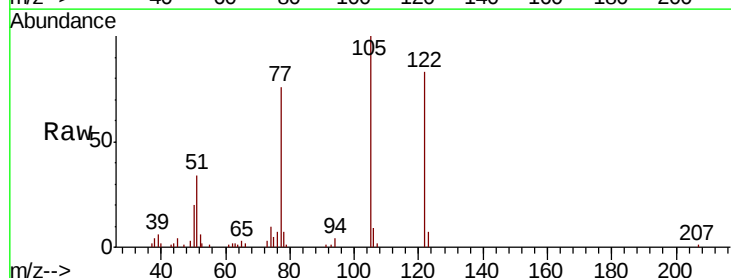
Tgt Ion:122 Resp: 93423

Ion Ratio Lower Upper

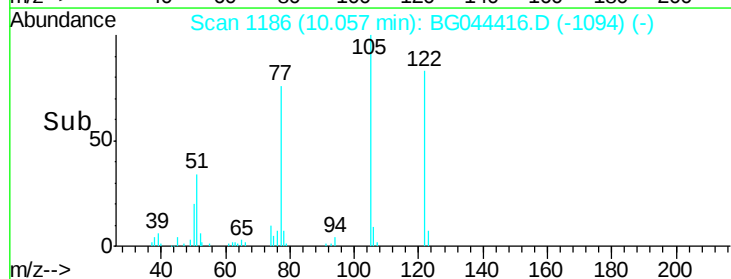
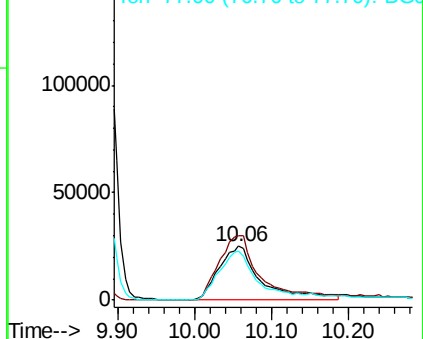
122 100

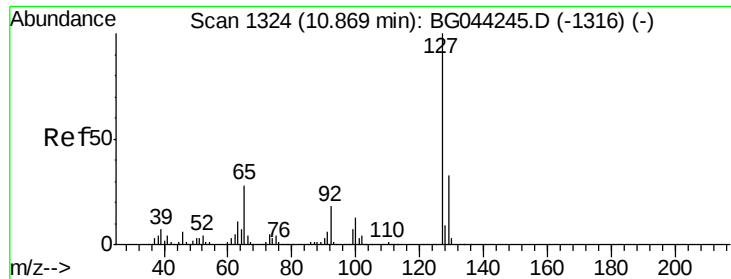
105 119.8 93.5 133.5

77 90.6 61.0 101.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

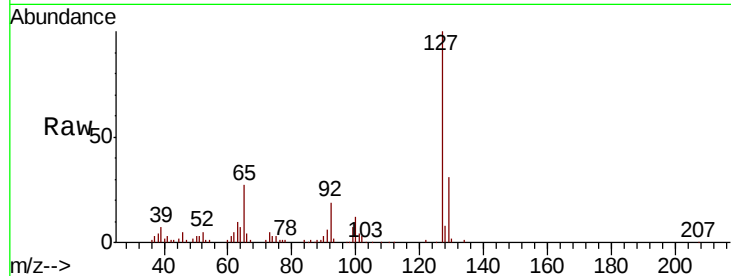




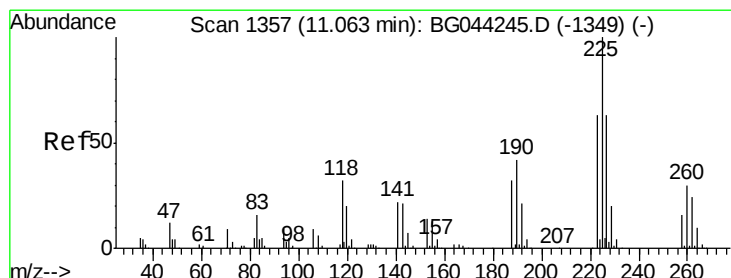
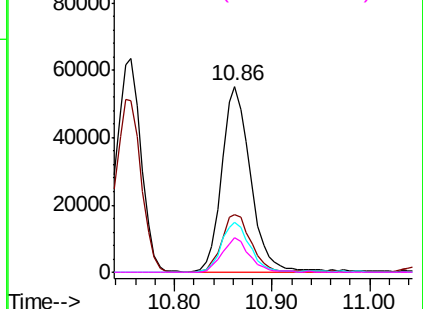
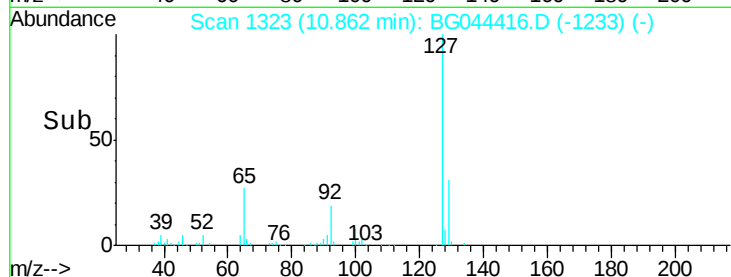
#33
4-Chloroaniline
Concen: 14.746 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	113342
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.6	40.0
65	27.1	22.5	33.7
92	18.9	14.1	21.1

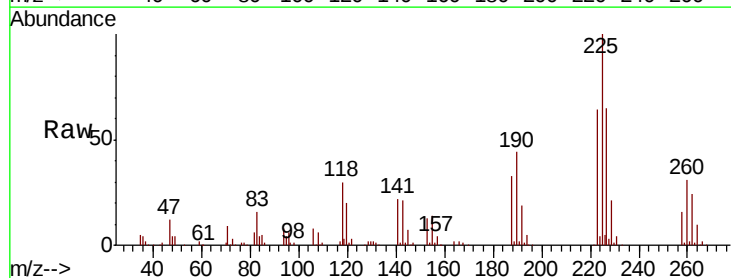


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

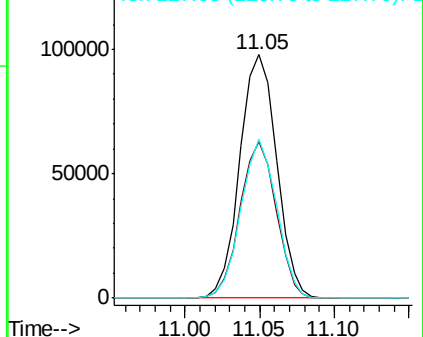
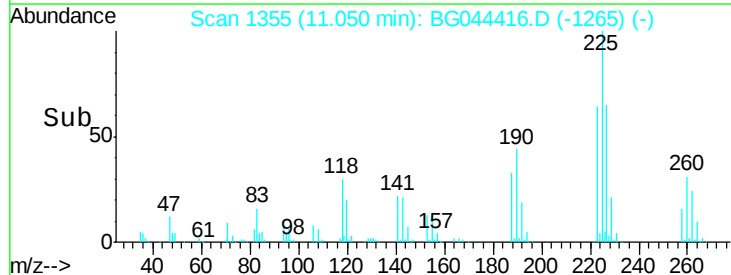


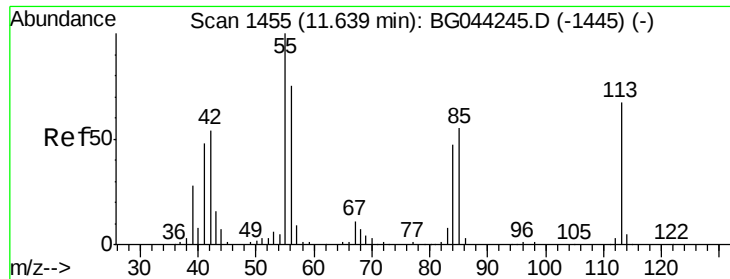
#34
Hexachlorobutadiene
Concen: 44.551 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion:	225	Resp:	167695
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.2	75.4
227	65.3	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

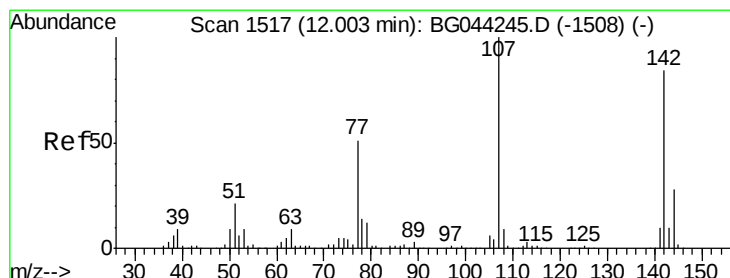
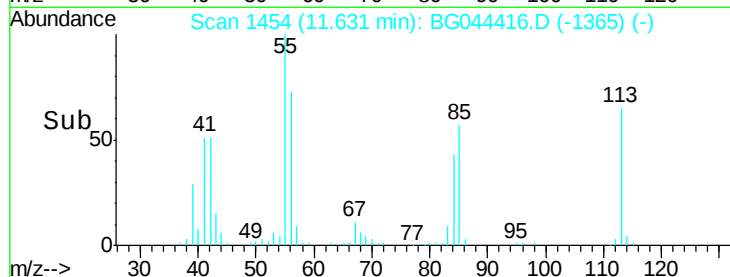
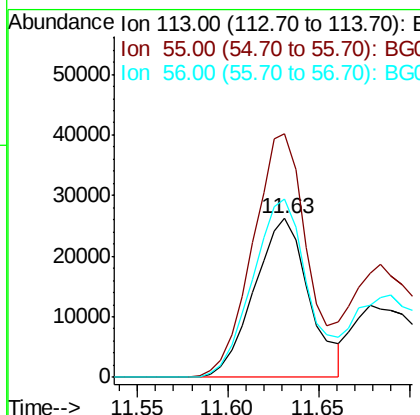
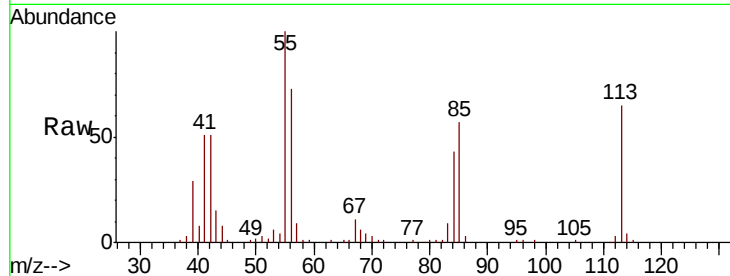




#35
Caprolactam
Concen: 28.294 ng
RT: 11.63 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

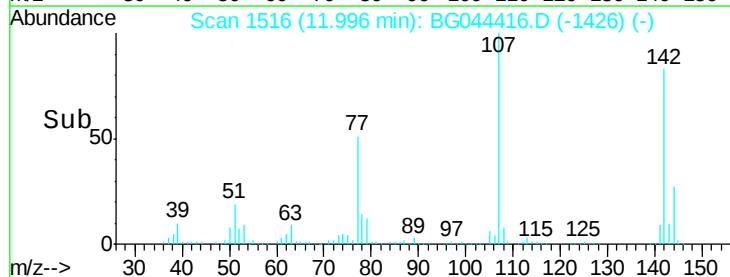
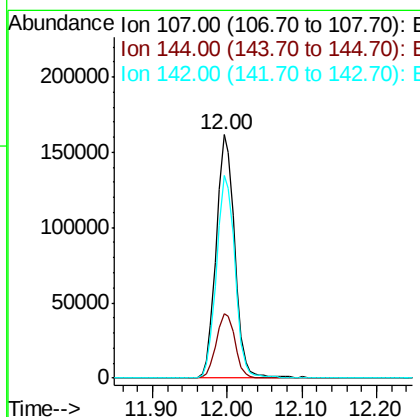
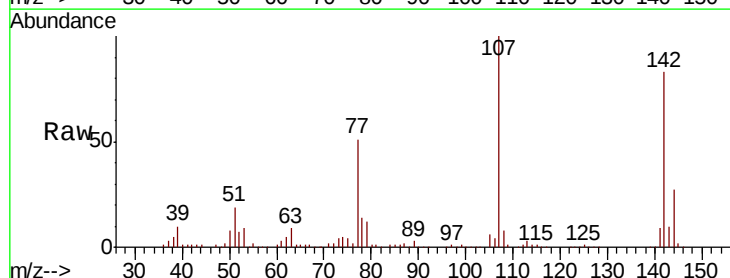
Instrument :
BNA_G
ClientSampleId :

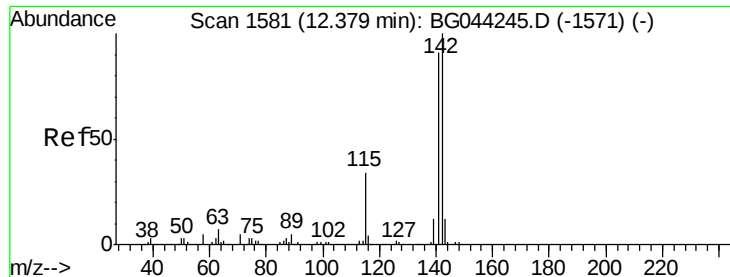
Tot Ion:113 Resp: 55294
Ion Ratio Lower Upper
113 100
55 153.1 129.9 169.9
56 111.9 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 49.876 ng
RT: 12.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion:107 Resp: 278974
Ion Ratio Lower Upper
107 100
144 26.6 22.2 33.4
142 83.3 67.4 101.0

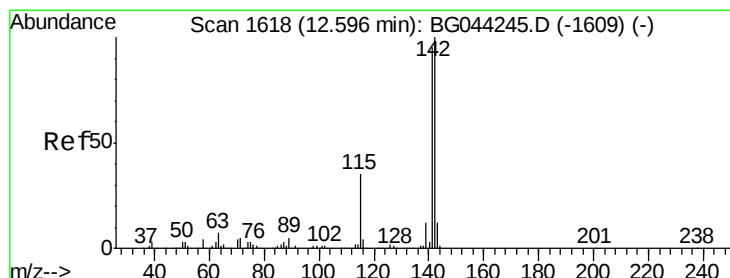
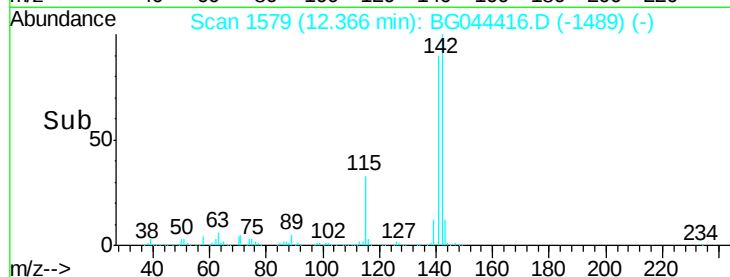
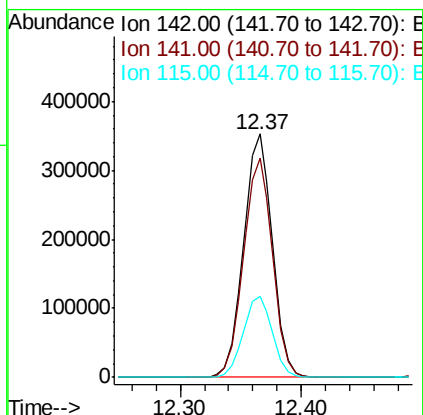
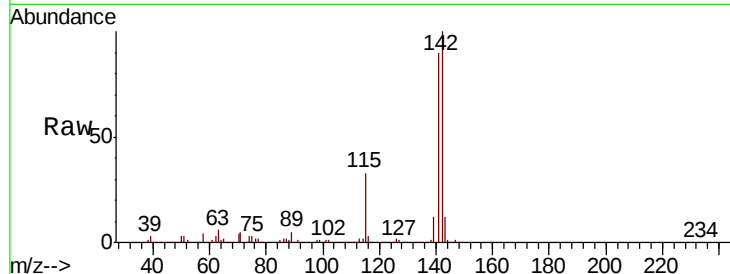




#37
2-Methylnaphthalene
Concen: 46.665 ng
RT: 12.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

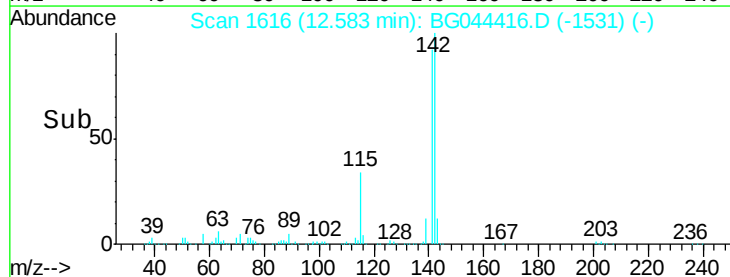
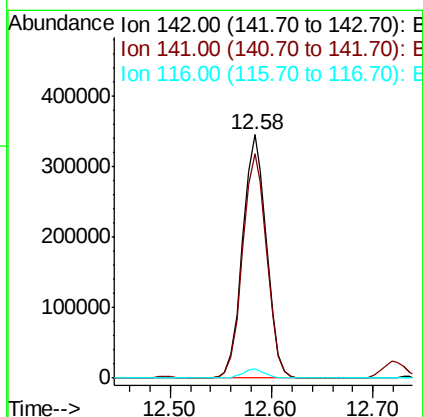
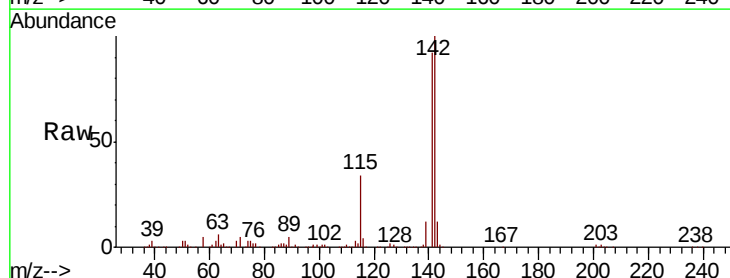
Instrument :
BNA_G
ClientSampleId :

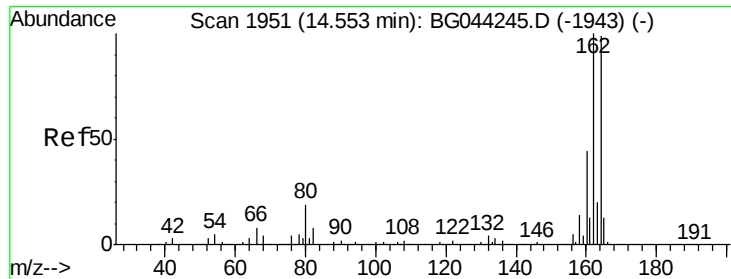
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.2	109.8
115	33.3	27.1	40.7



#38
1-Methylnaphthalene
Concen: 47.392 ng
RT: 12.58 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.8	113.6
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

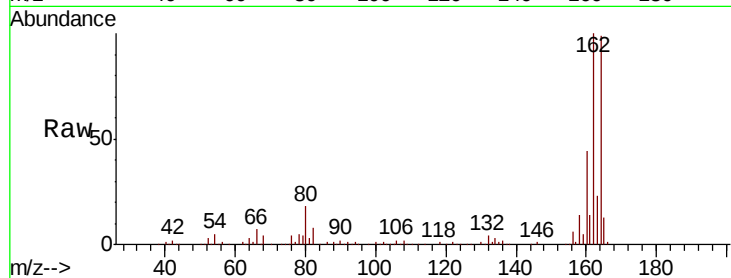
Tot Ion:164 Resp: 219622

Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

160 44.5 35.3 52.9

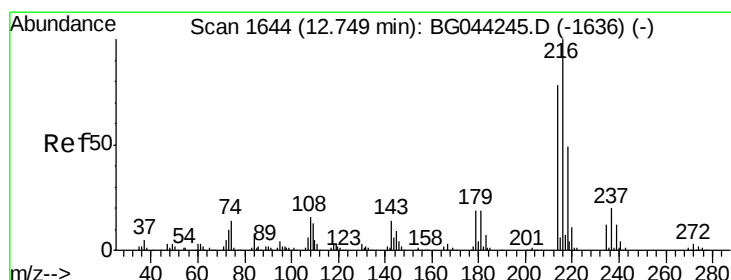
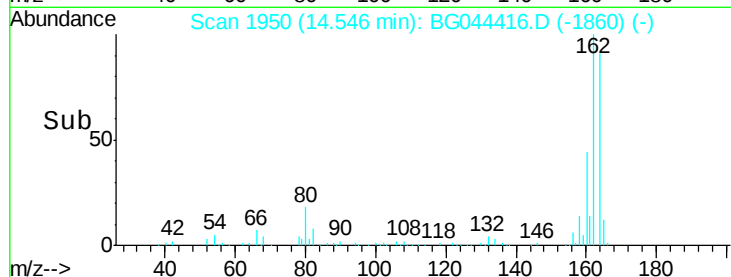
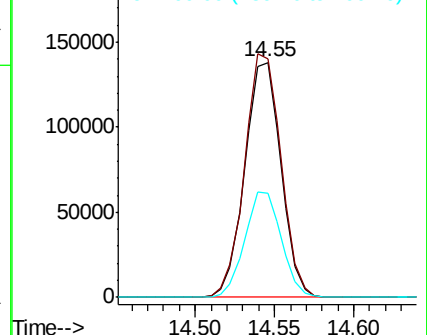


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.482 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion:216 Resp: 292232

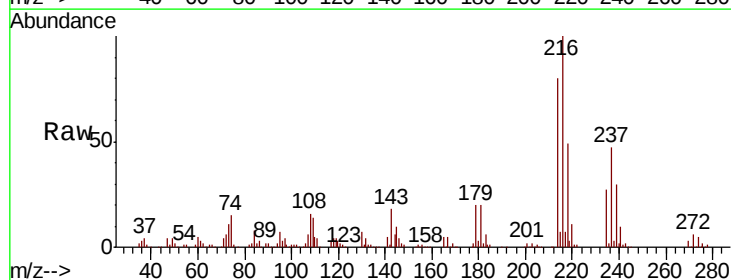
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.6

179 20.4 16.2 24.4

108 18.6 13.5 20.3



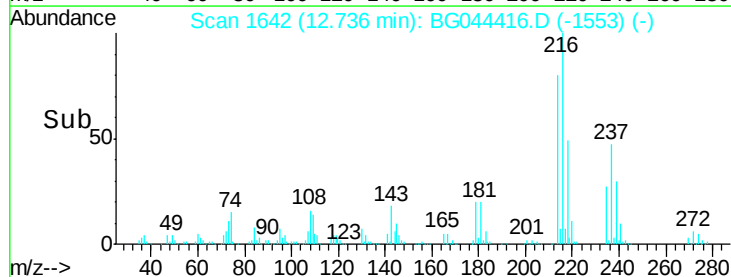
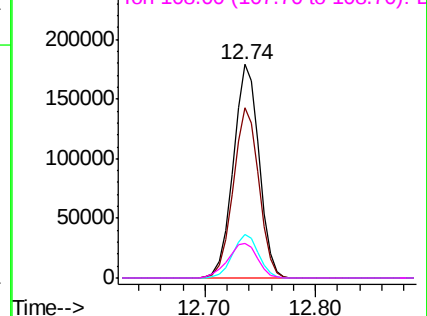
Abundance

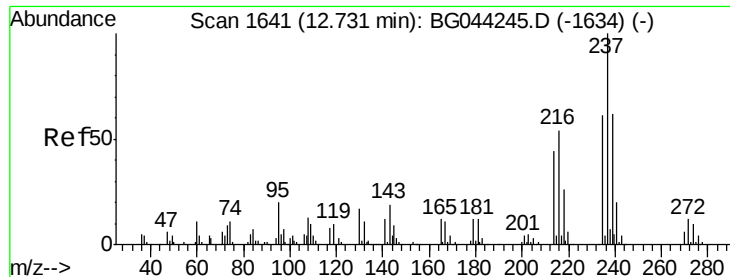
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.207 ng

RT: 12.72 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

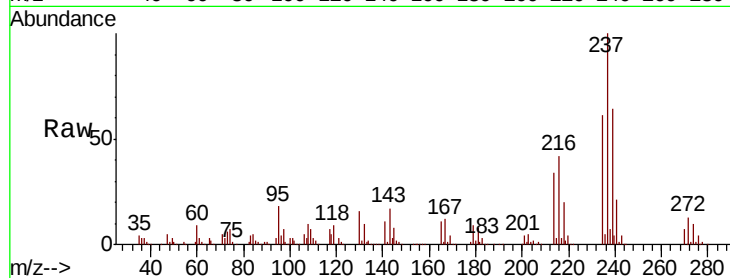
Tot Ion:237 Resp: 322186

Ion Ratio Lower Upper

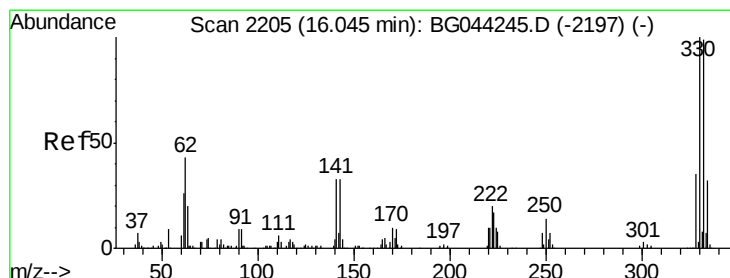
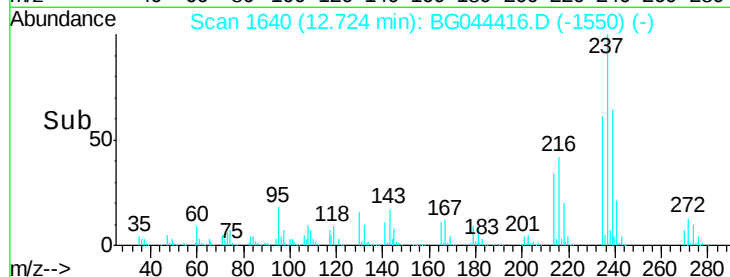
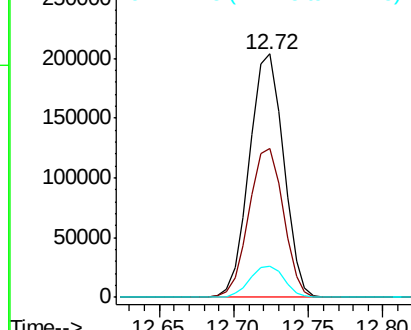
237 100

235 61.2 41.2 81.2

272 12.9 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 100.520 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

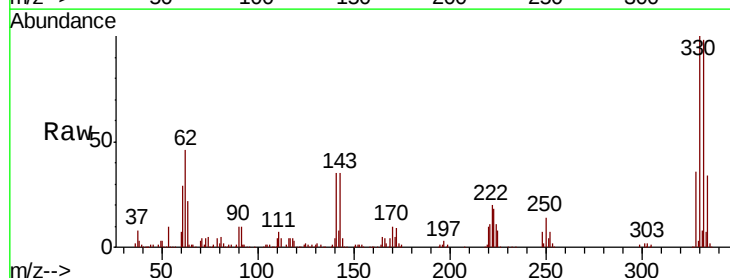
Tgt Ion:330 Resp: 259165

Ion Ratio Lower Upper

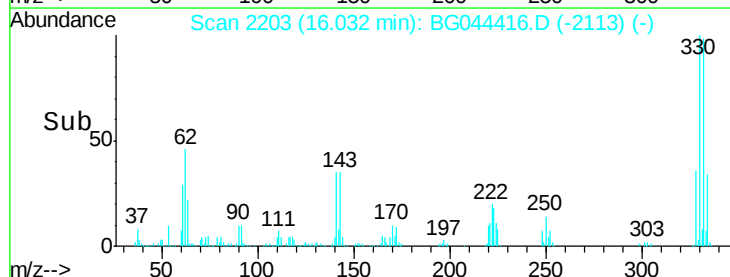
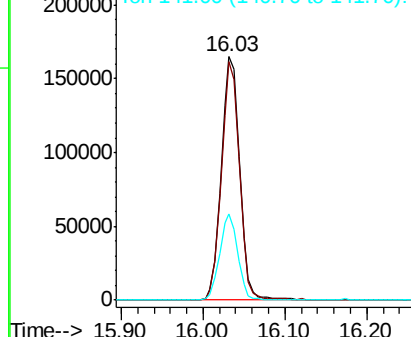
330 100

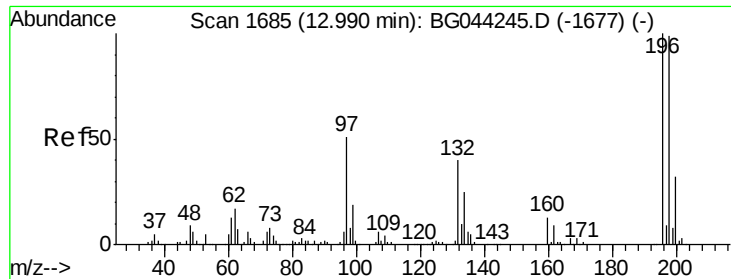
332 96.0 77.2 115.8

141 34.7 28.3 42.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

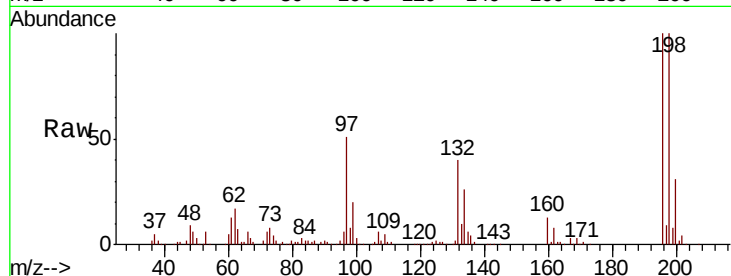




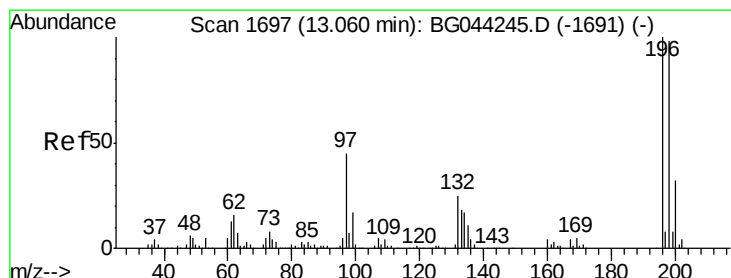
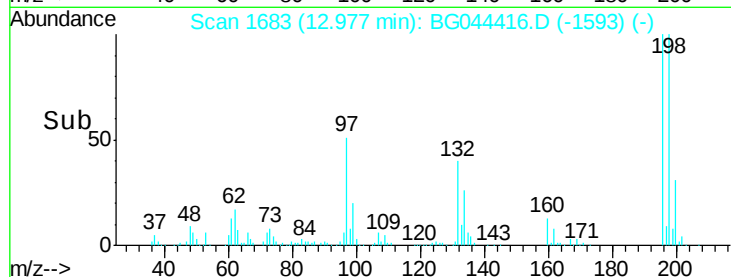
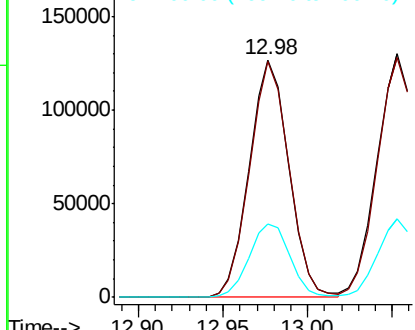
#43
 2,4,6-Trichlorophenol
 Concen: 48.563 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 206219
 Ion Ratio Lower Upper
 196 100
 198 99.5 79.3 118.9
 200 30.8 25.7 38.5

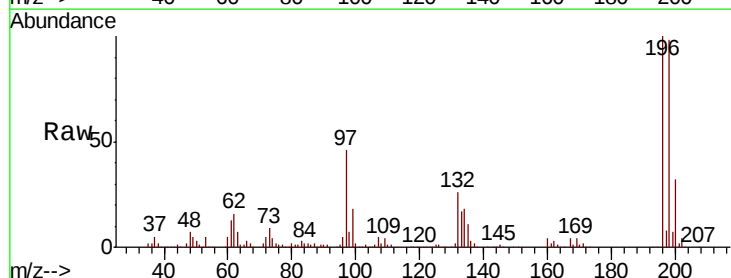


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

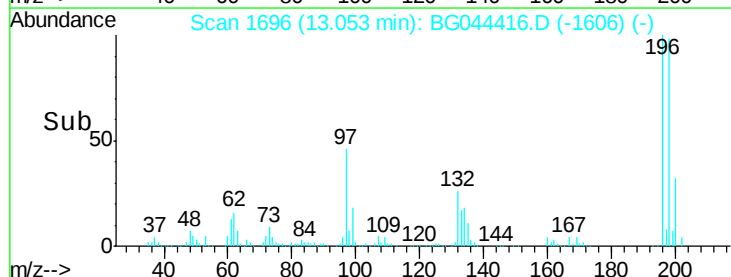
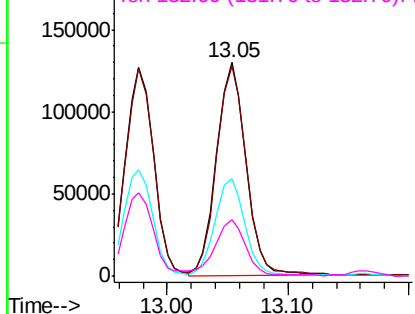


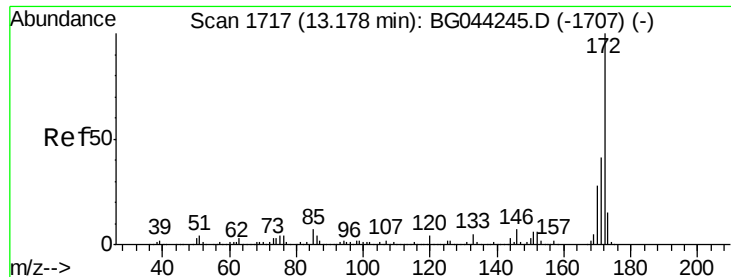
#44
 2,4,5-Trichlorophenol
 Concen: 50.385 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion:196 Resp: 218533
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.2 117.2
 97 45.9 36.2 54.4
 132 26.2 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

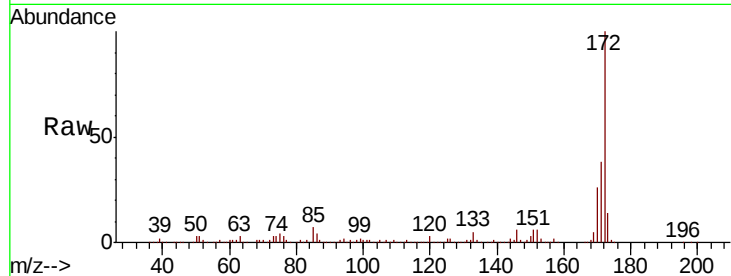




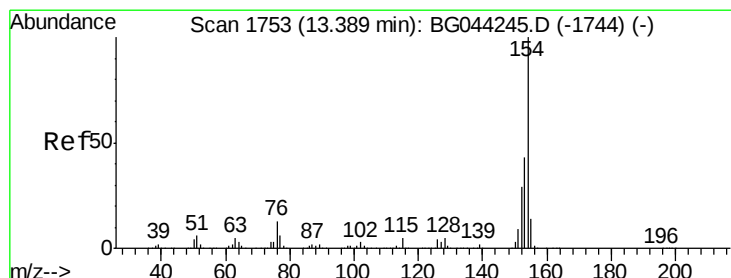
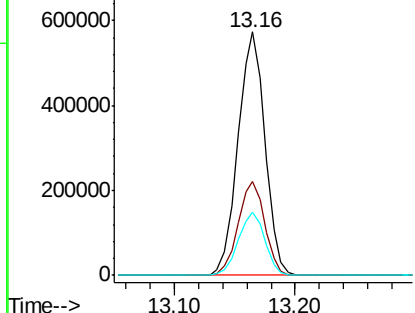
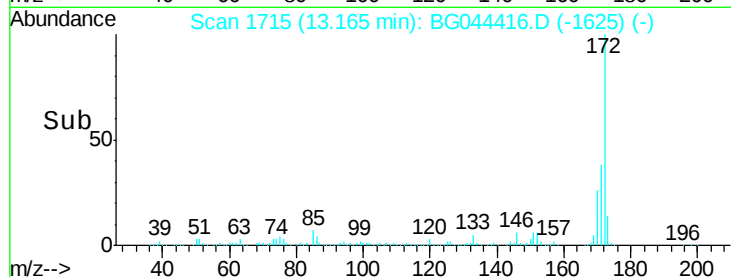
#45
 2-Fluorobiphenyl
 Concen: 67.785 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.9	49.3
170	26.0	22.0	33.0

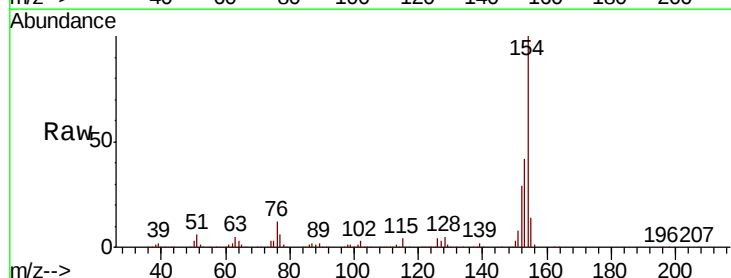


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

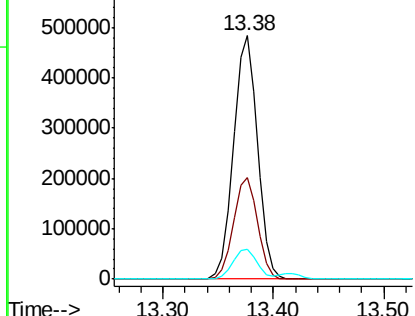
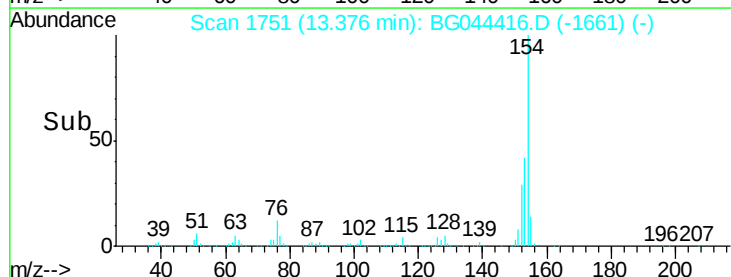


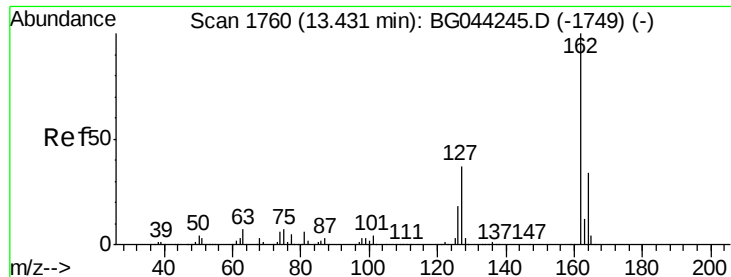
#46
 1,1'-Biphenyl
 Concen: 46.545 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.7	62.7
76	12.4	0.0	32.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG0

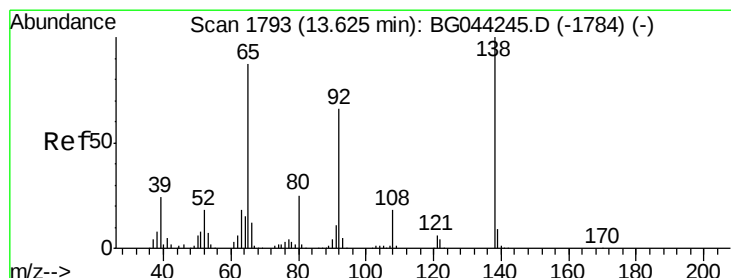
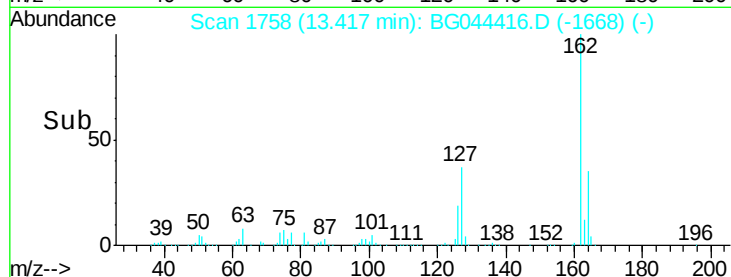
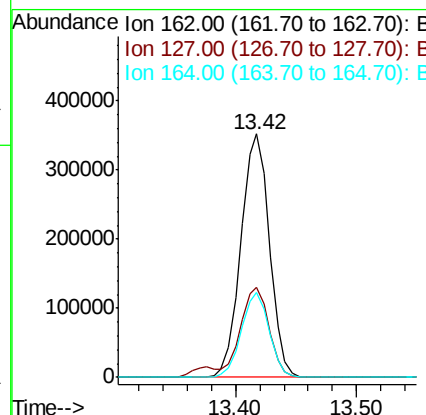
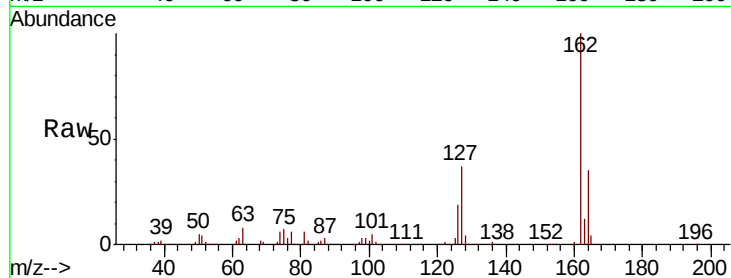




#47
2-Chloronaphthalene
Concen: 46.015 ng
RT: 13.42 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

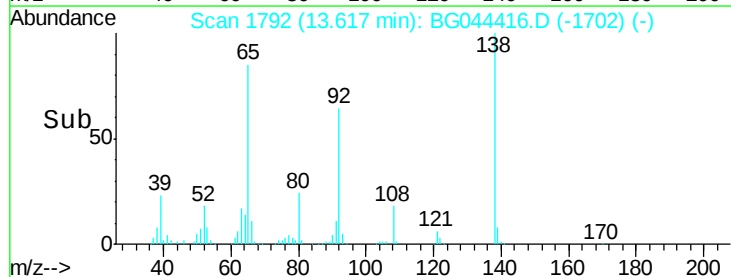
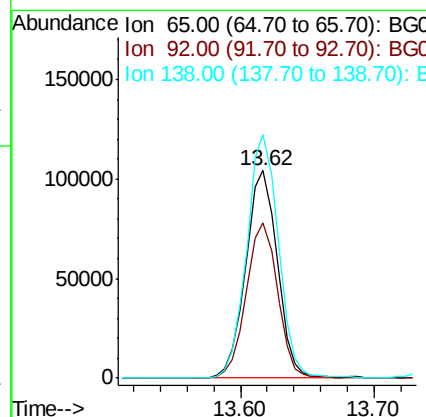
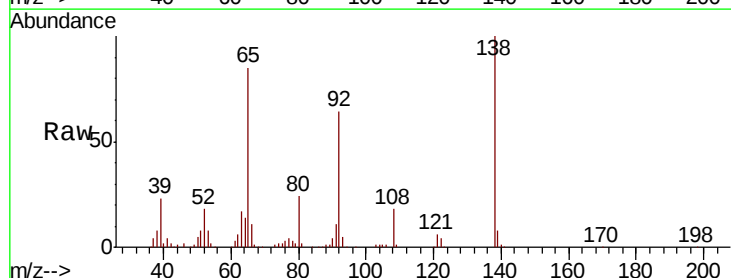
Instrument :
BNA_G
ClientSampled :

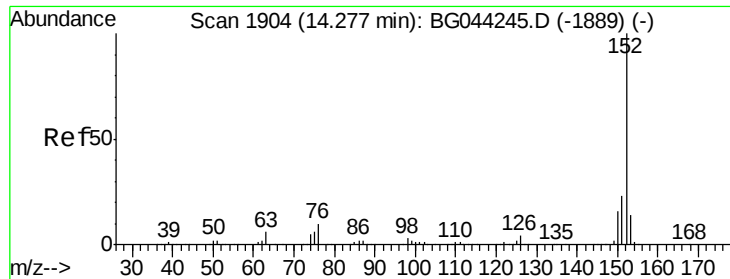
Tot Ion:162 Resp: 580067
Ion Ratio Lower Upper
162 100
127 37.2 30.0 45.0
164 34.7 27.2 40.8



#48
2-Nitroaniline
Concen: 45.905 ng
RT: 13.62 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion: 65 Resp: 170777
Ion Ratio Lower Upper
65 100
92 74.7 60.3 90.5
138 117.5 91.9 137.9





#49

Acenaphthylene

Concen: 49.299 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

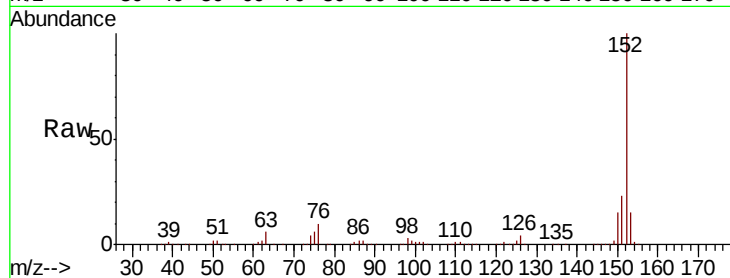
Tot Ion:152 Resp: 911520

Ion Ratio Lower Upper

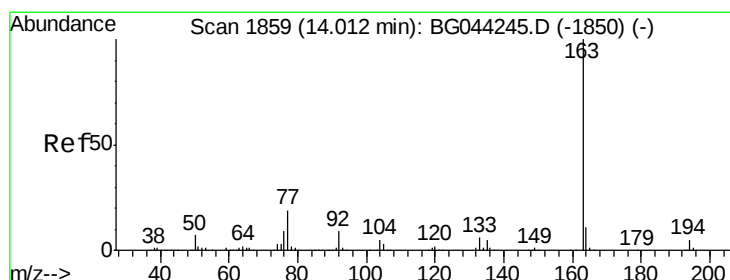
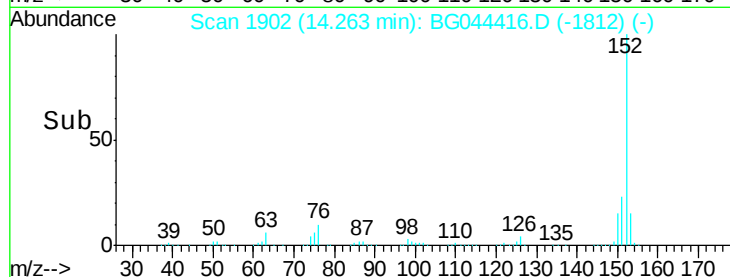
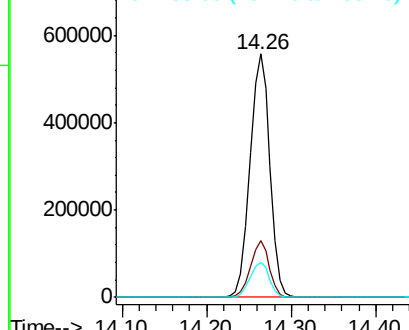
152 100

151 23.2 18.1 27.1

153 14.5 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.800 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

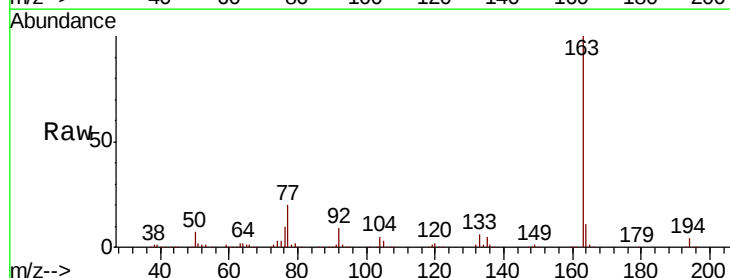
Tgt Ion:163 Resp: 770410

Ion Ratio Lower Upper

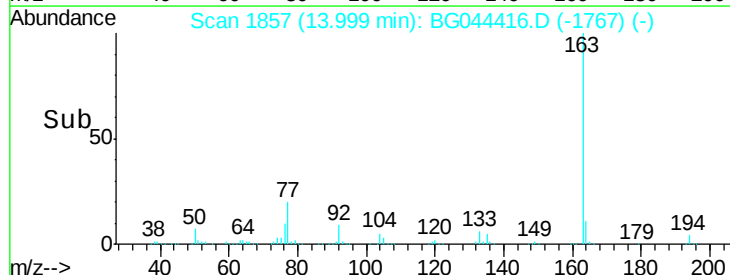
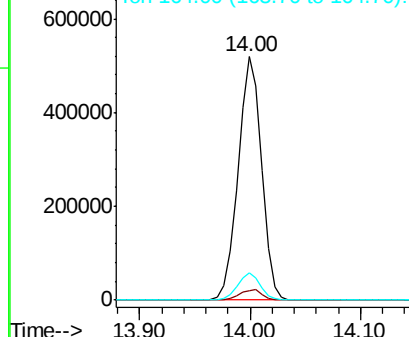
163 100

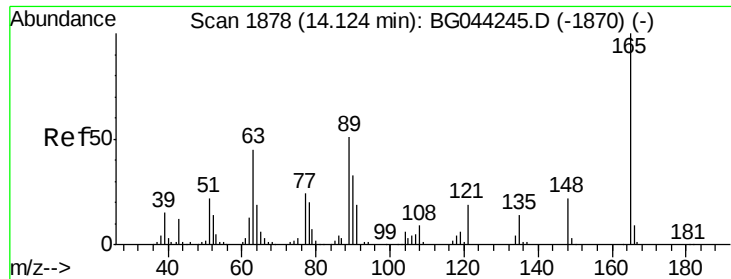
194 4.1 3.6 5.4

164 11.2 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

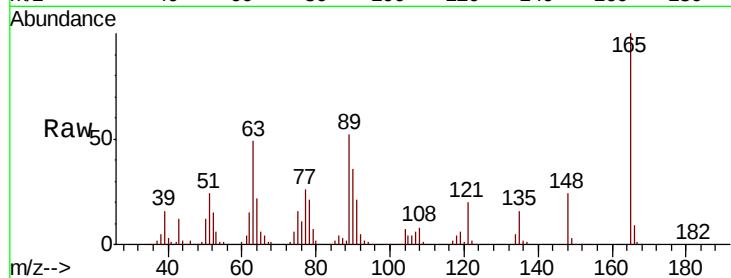




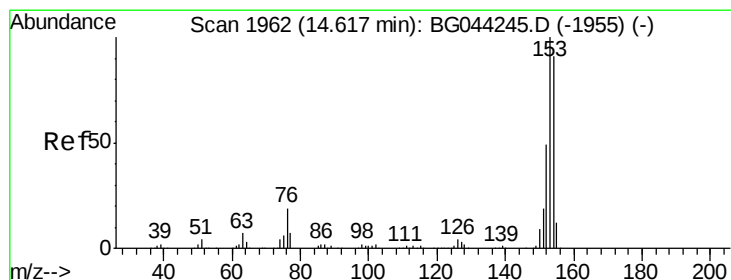
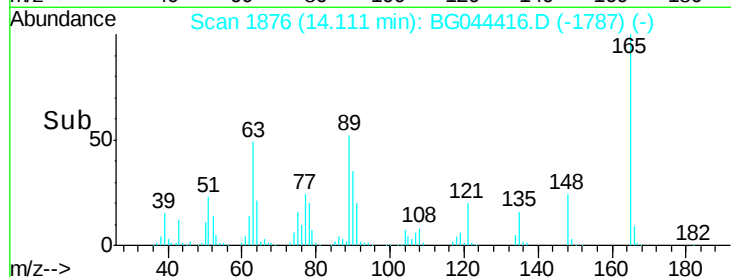
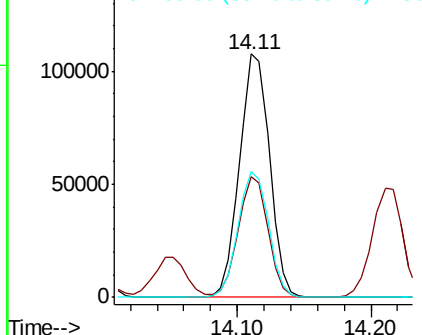
#51
2,6-Dinitrotoluene
Concen: 47.605 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 167569
Ion Ratio Lower Upper
165 100
63 49.5 38.7 58.1
89 51.6 40.4 60.6

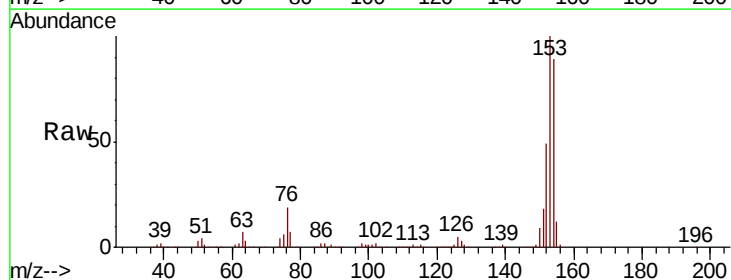


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

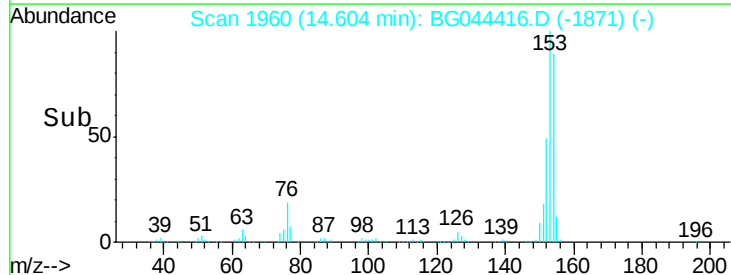
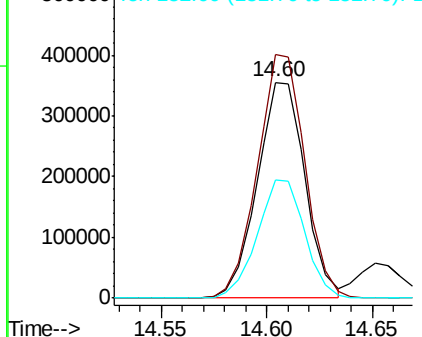


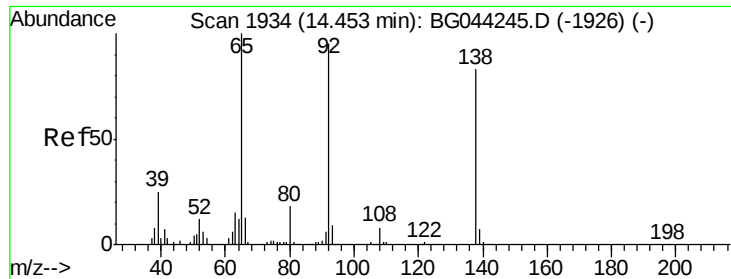
#52
Acenaphthene
Concen: 46.476 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion:154 Resp: 556988
Ion Ratio Lower Upper
154 100
153 112.9 87.9 131.9
152 55.0 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

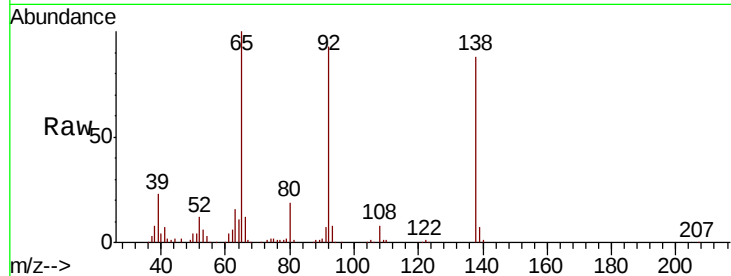




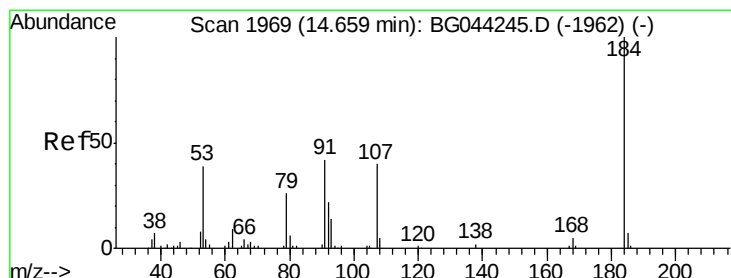
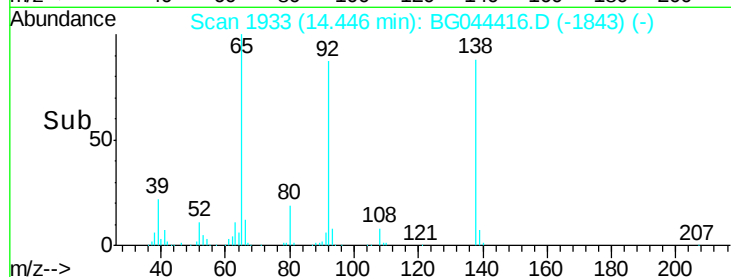
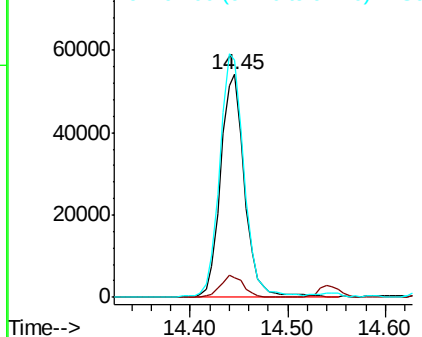
#53
3-Nitroaniline
Concen: 23.718 ng
RT: 14.45 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 92367
Ion Ratio Lower Upper
138 100
108 8.9 7.9 11.9
92 106.5 91.0 136.4

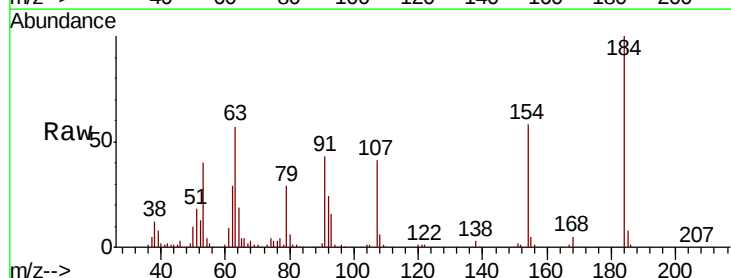


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

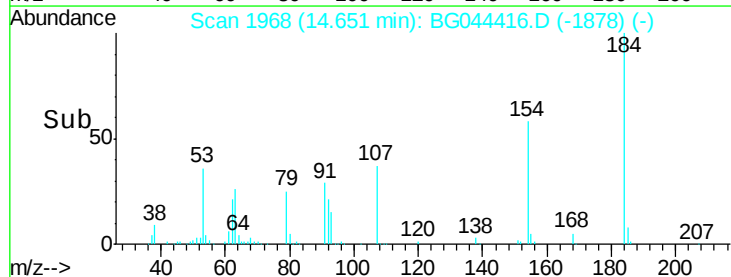
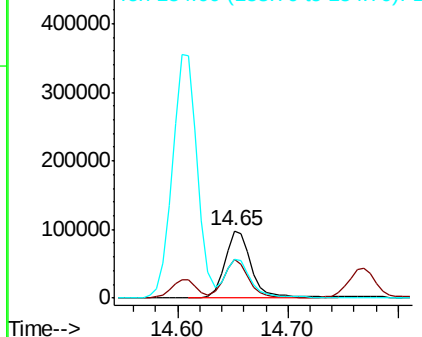


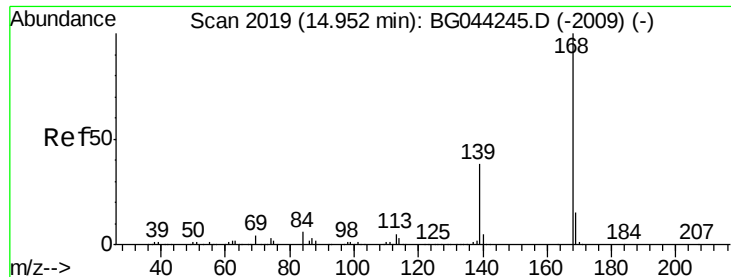
#54
2,4-Dinitrophenol
Concen: 79.428 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion:184 Resp: 165540
Ion Ratio Lower Upper
184 100
63 57.2 44.1 66.1
154 58.5 45.4 68.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

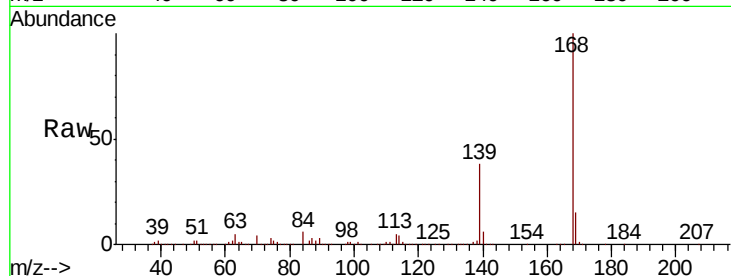




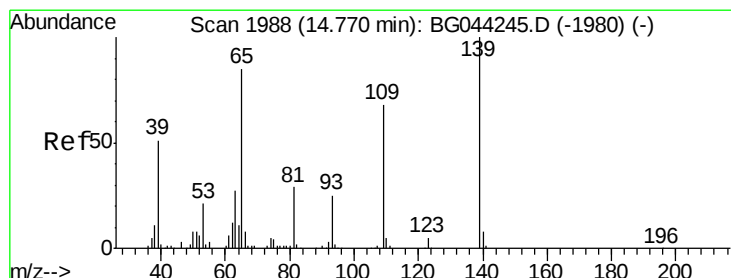
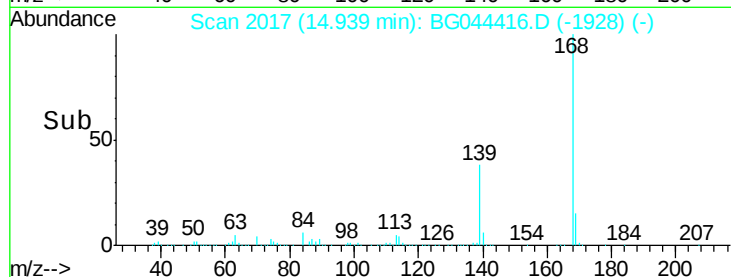
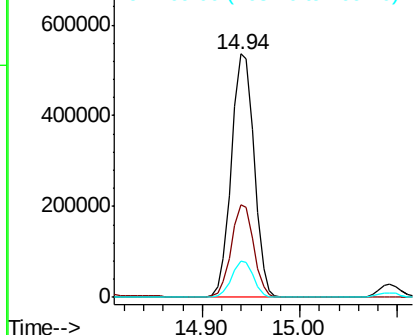
#55
Dibenzofuran
Concen: 47.861 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 868436
Ion Ratio Lower Upper
168 100
139 37.9 30.5 45.7
169 15.0 11.7 17.5

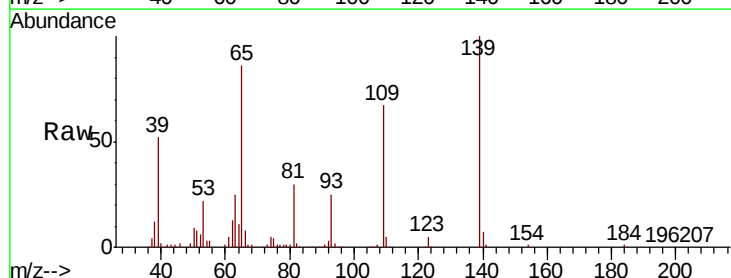


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

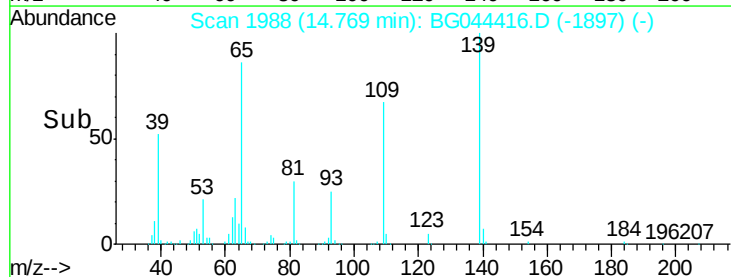
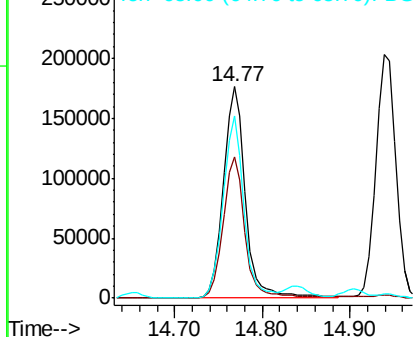


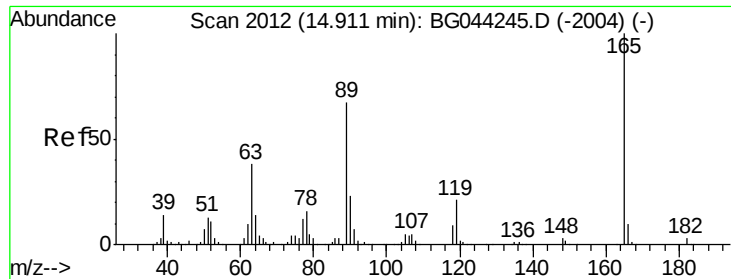
#56
4-Nitrophenol
Concen: 107.831 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion:139 Resp: 307601
Ion Ratio Lower Upper
139 100
109 66.8 47.5 87.5
65 86.1 64.9 104.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO

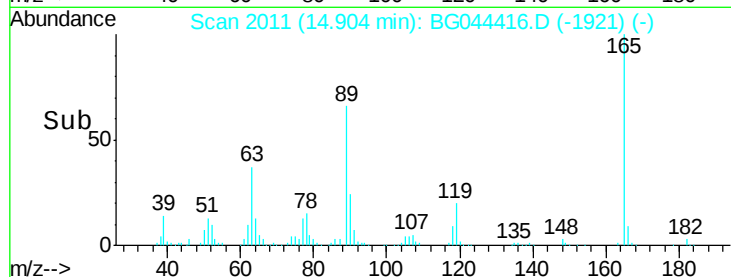
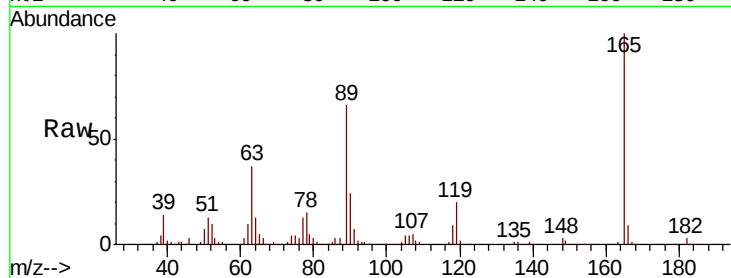




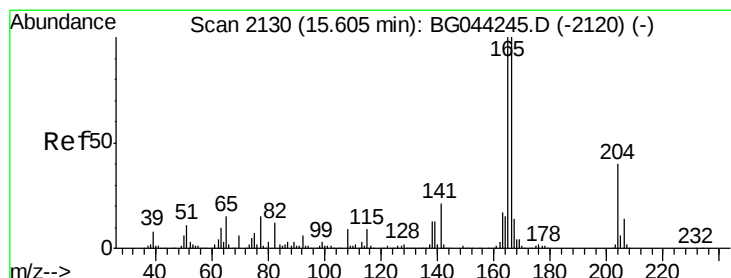
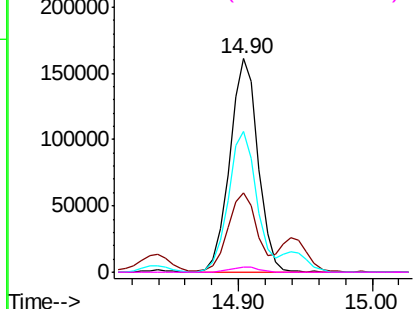
#57
2,4-Dinitrotoluene
Concen: 48.208 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.0	30.3	45.5
89	66.1	53.4	80.2
182	2.7	2.1	3.1

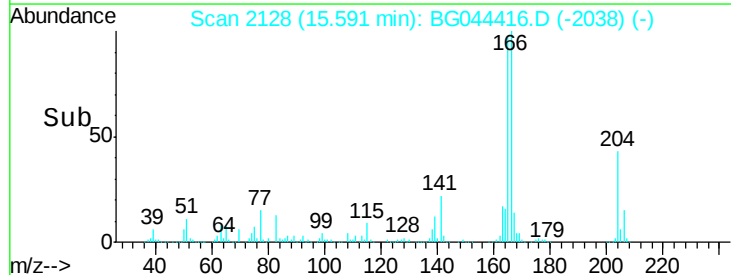
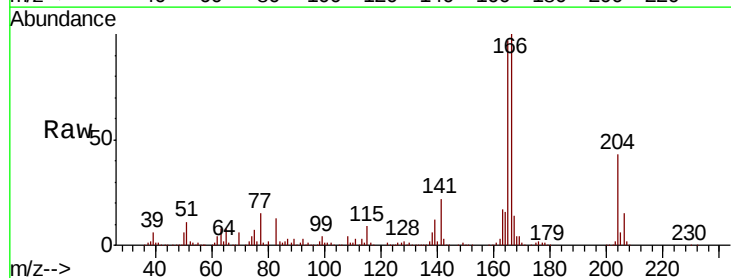


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

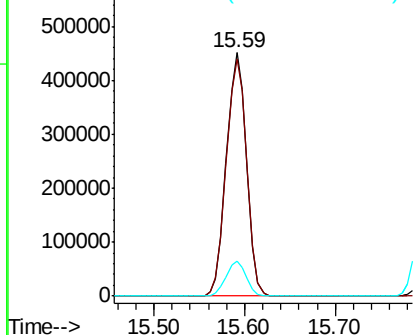


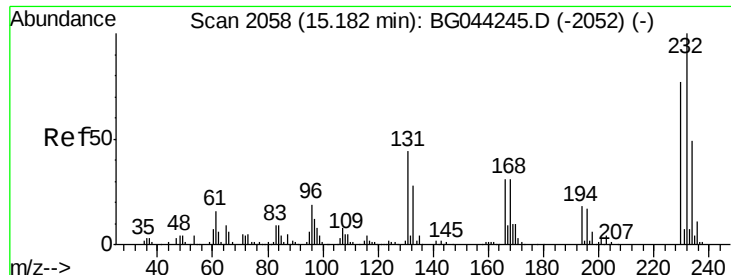
#58
Fluorene
Concen: 48.484 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.9	119.9
167	14.4	11.4	17.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

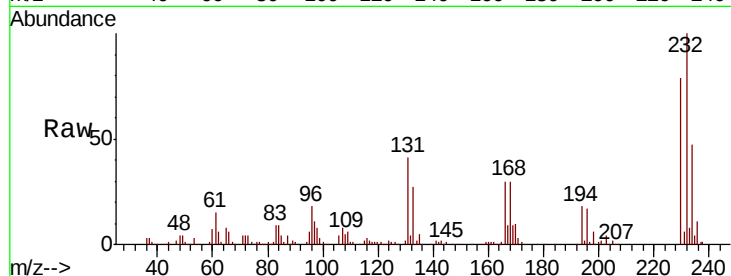




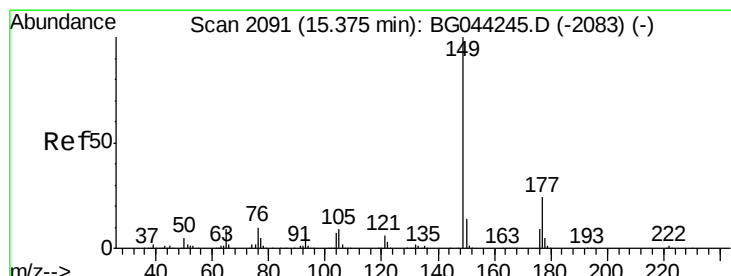
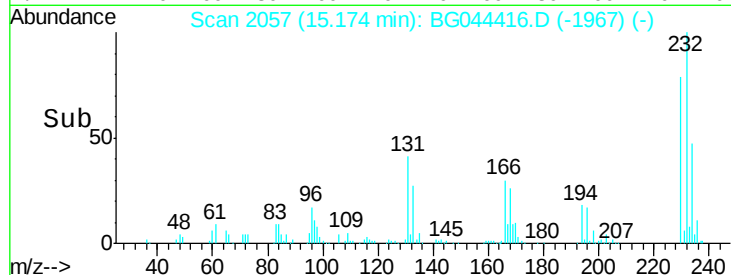
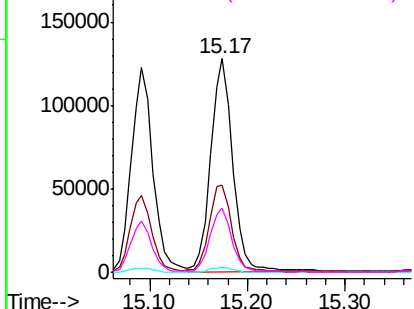
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.791 ng
RT: 15.17 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.2	51.4
130	2.4	1.8	2.8
166	29.5	23.8	35.8

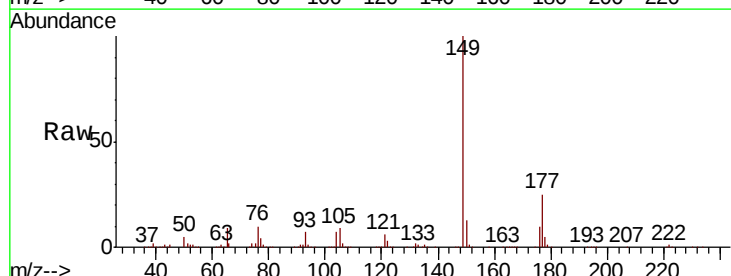


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

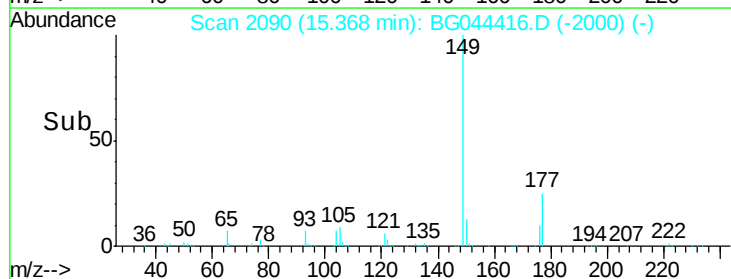
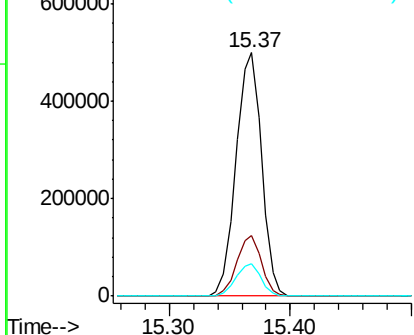


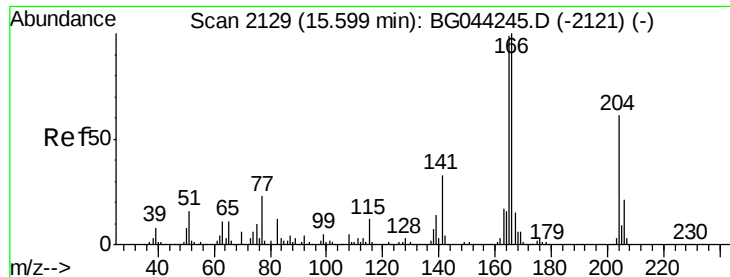
#60
Diethylphthalate
Concen: 46.922 ng
RT: 15.37 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.4	29.0
150	13.1	10.9	16.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

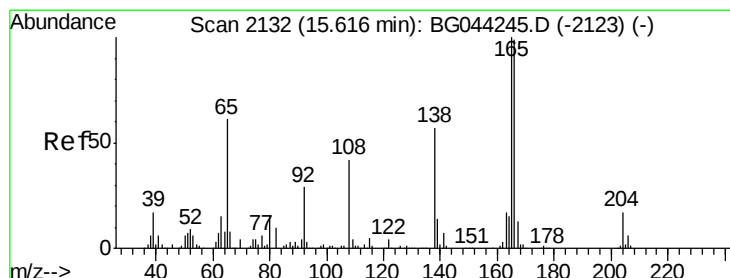
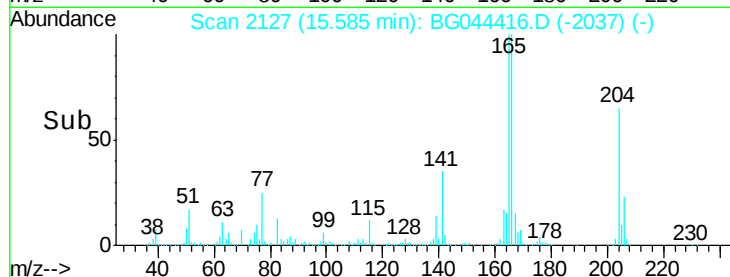
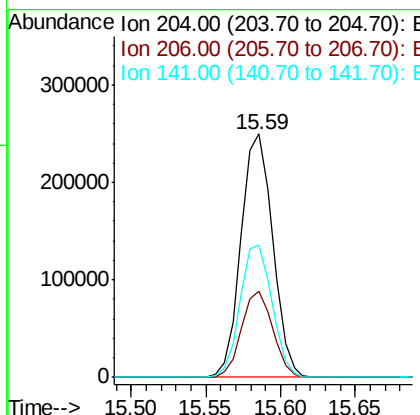
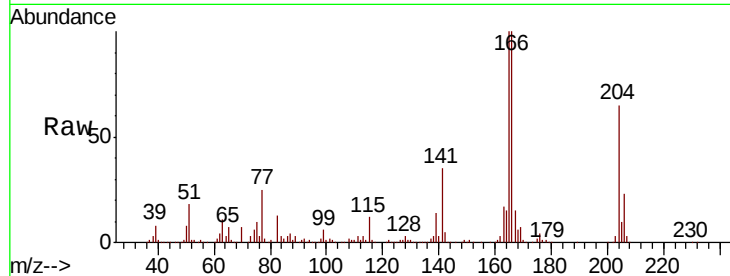




#61
4-Chlorophenyl-phenylether
Concen: 47.477 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

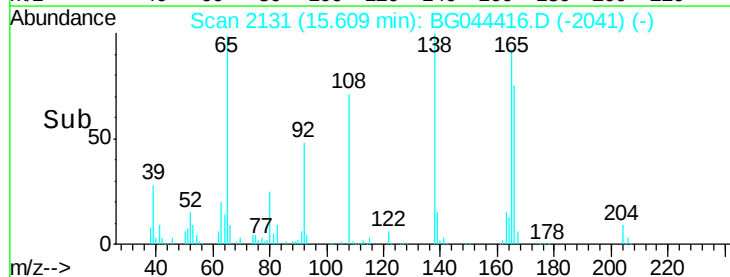
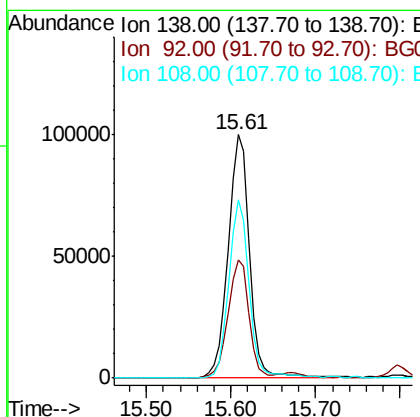
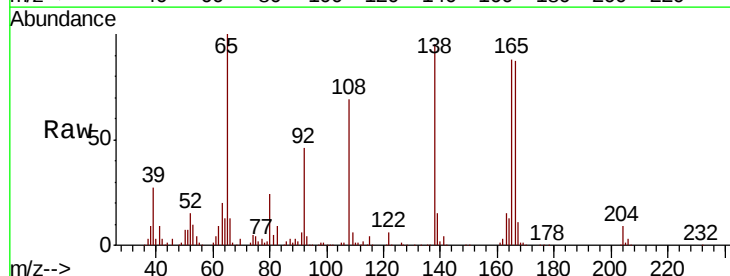
Instrument :
BNA_G
ClientSampleId :

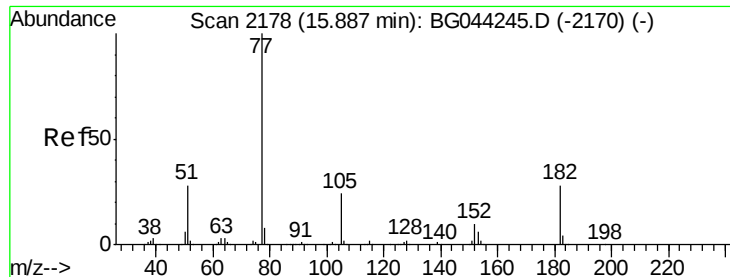
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.6	27.6	41.4
141	54.2	43.4	65.0



#62
4-Nitroaniline
Concen: 44.616 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	31.3	71.3
108	73.0	52.6	92.6





#63

Azobenzene

Concen: 48.392 ng

RT: 15.88 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

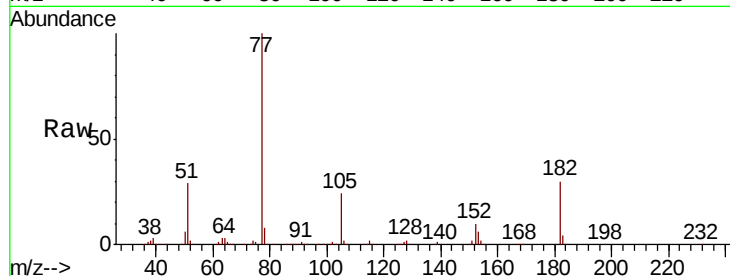
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 667169

Ion	Ratio	Lower	Upper
77	100		
182	30.1	8.2	48.2
105	23.9	3.6	43.6
51	28.7	8.3	48.3

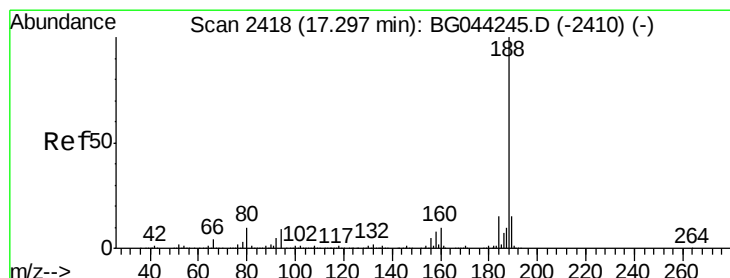
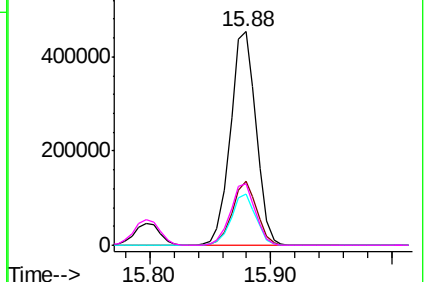
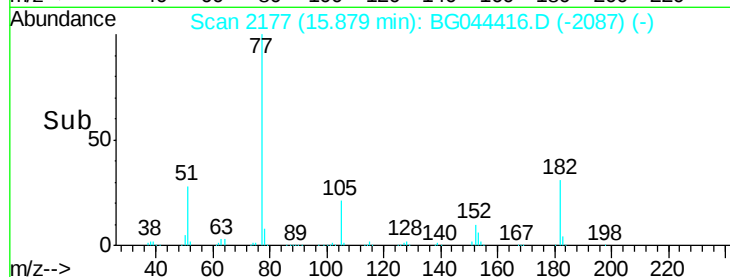


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2416

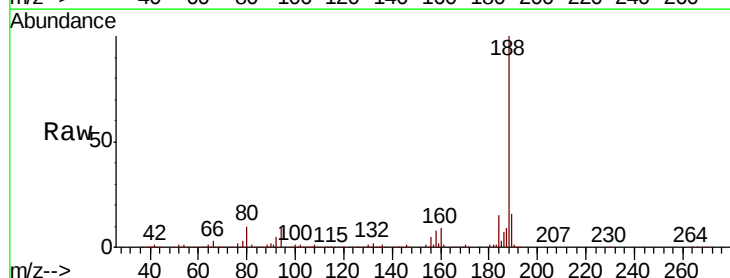
Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion: 188 Resp: 479372

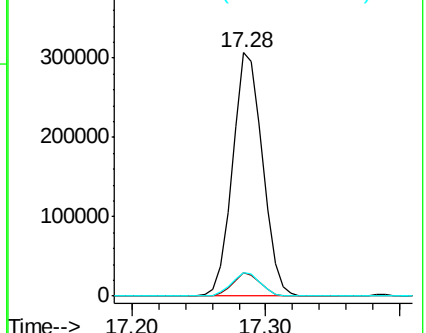
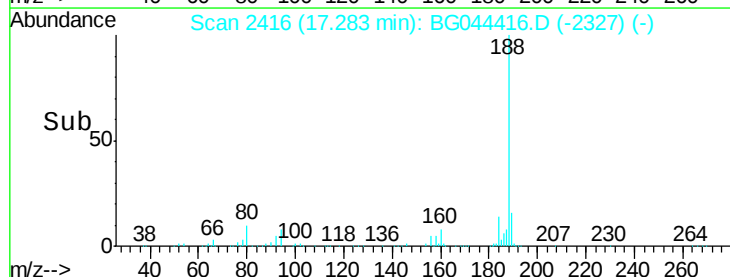
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	9.7	7.7	11.5

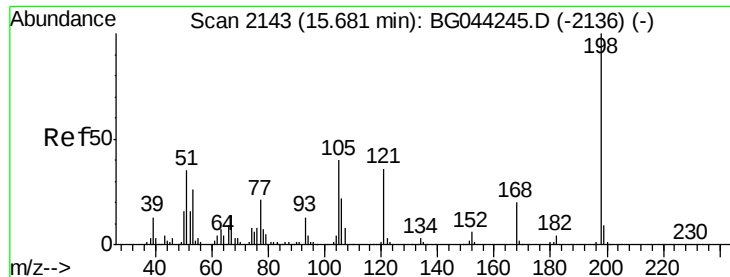


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

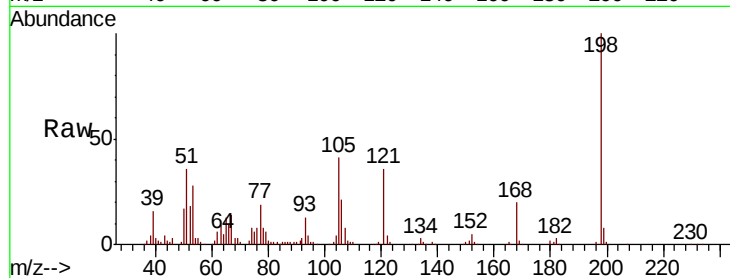




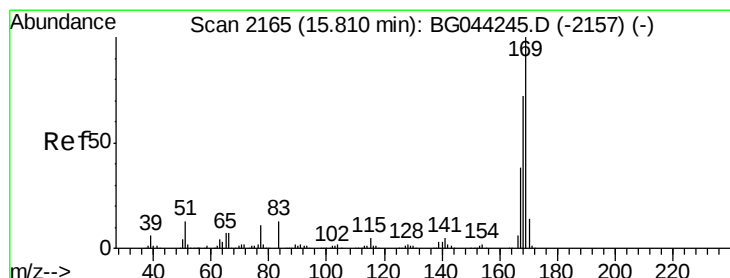
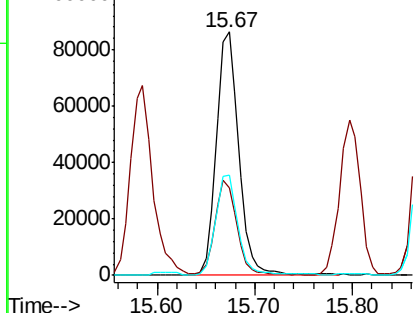
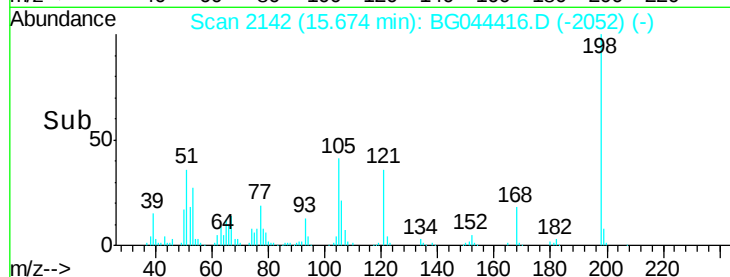
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.923 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.1	16.6	56.6
105	41.0	20.6	60.6

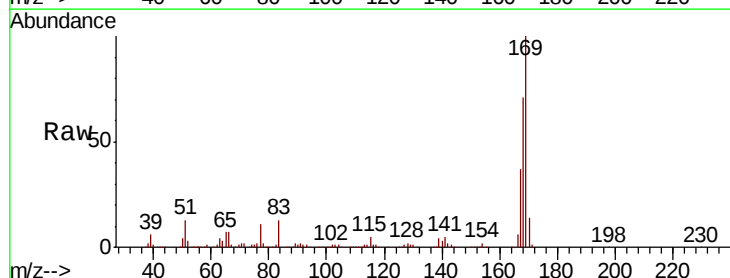


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

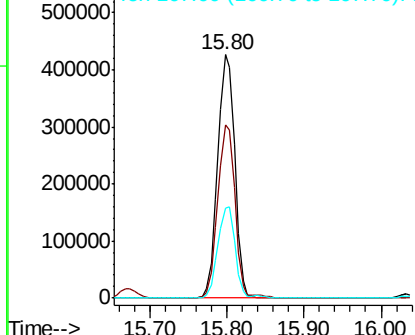
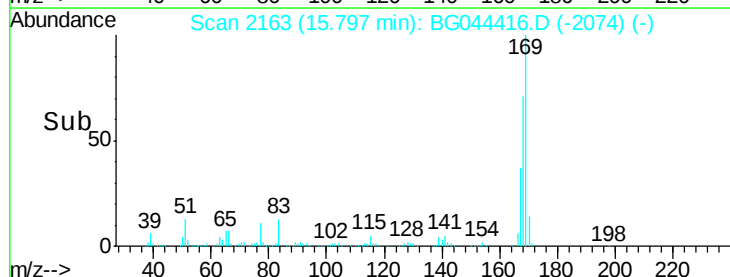


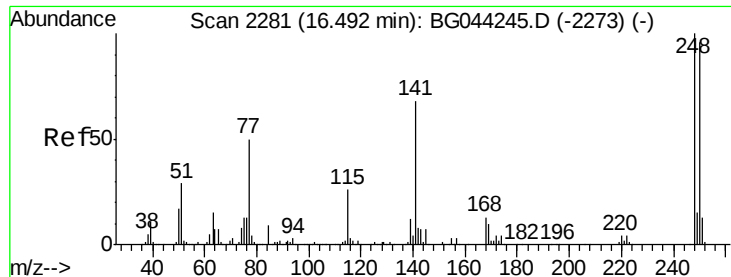
#66
 n-Nitrosodiphenylamine
 Concen: 48.449 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.0	57.9	86.9
167	37.2	30.7	46.1



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

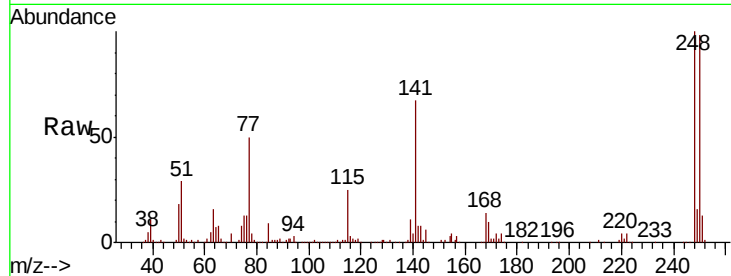




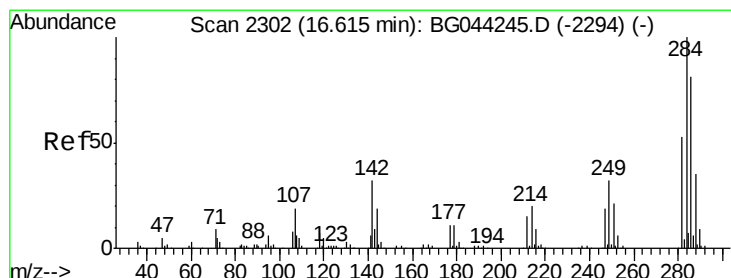
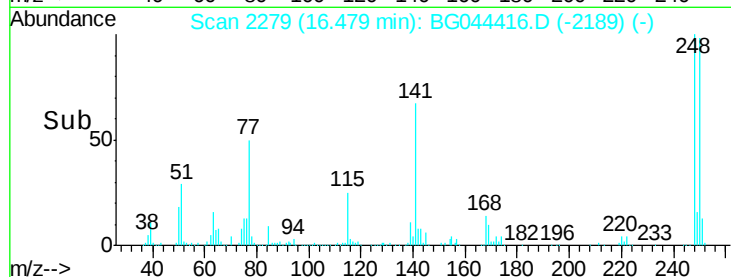
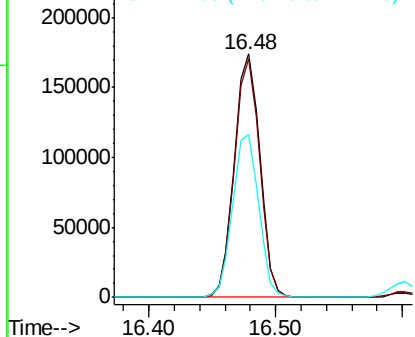
#67
 4-Bromophenyl-phenylether
 Concen: 46.496 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 242832
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.6 114.8
 141 67.1 54.7 82.1

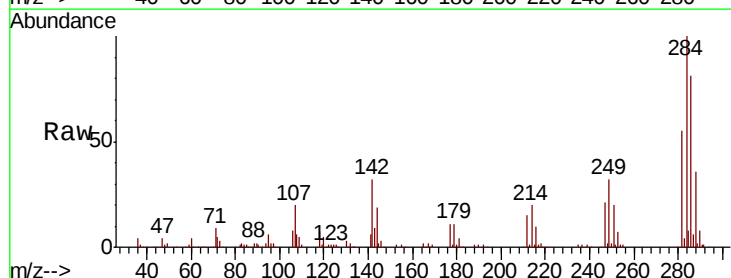


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

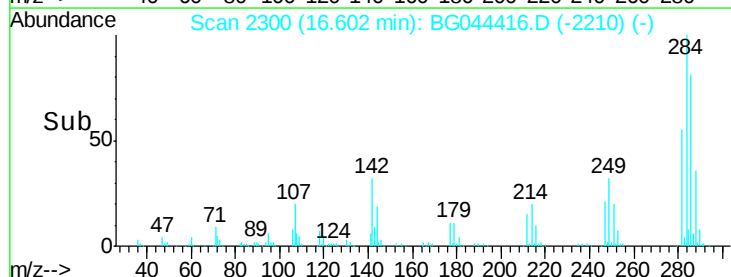
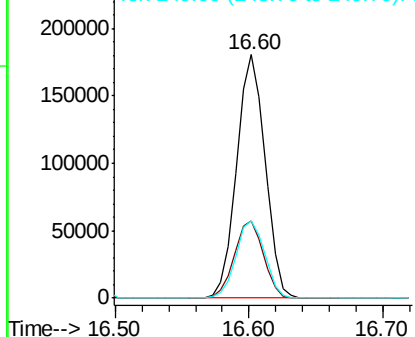


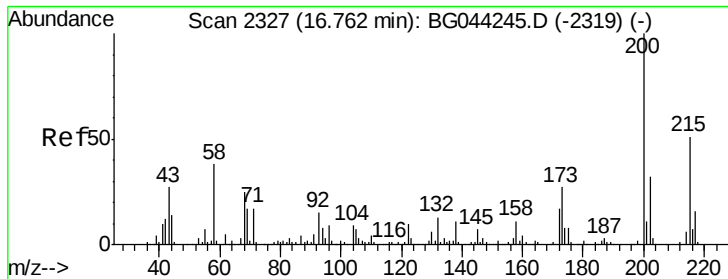
#68
 Hexachlorobenzene
 Concen: 45.543 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion:284 Resp: 266479
 Ion Ratio Lower Upper
 284 100
 142 31.7 25.3 37.9
 249 31.7 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 54.487 ng

RT: 16.75 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampled :

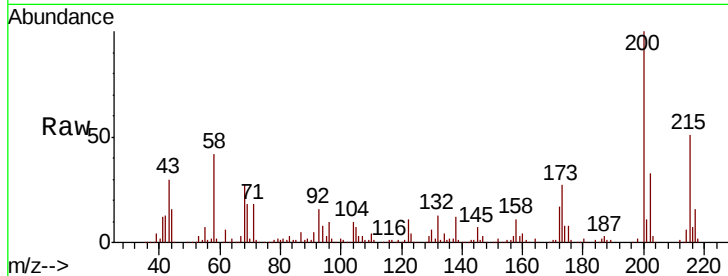
Tot Ion:200 Resp: 250891

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

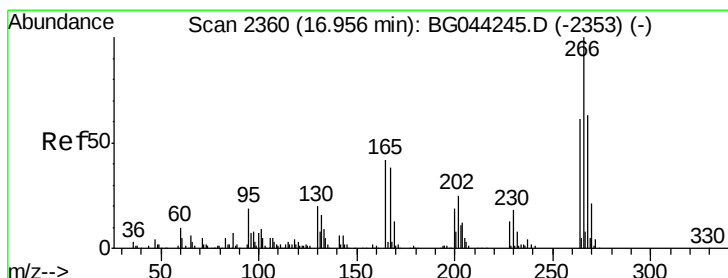
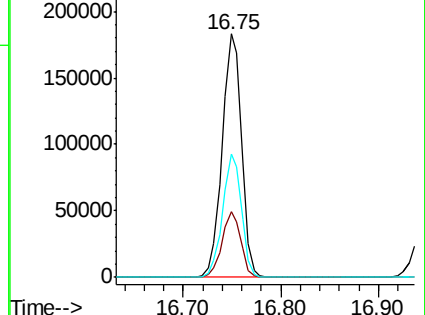
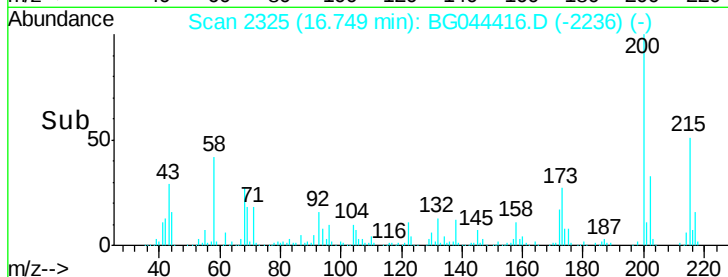
215 50.8 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 90.917 ng

RT: 16.95 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

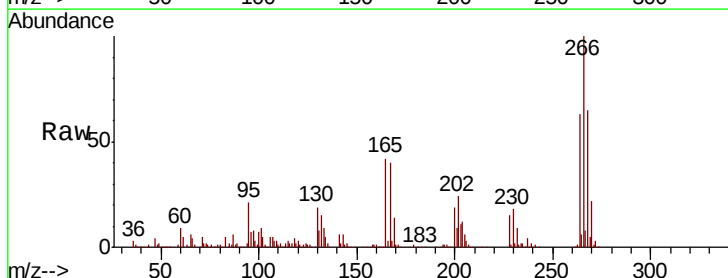
Tgt Ion:266 Resp: 270329

Ion Ratio Lower Upper

266 100

268 65.2 50.6 75.8

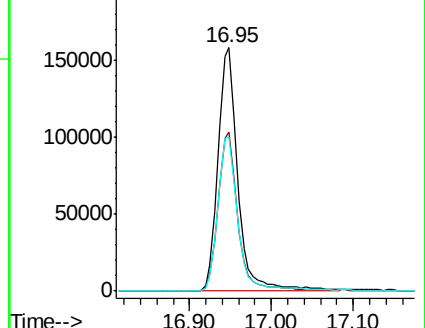
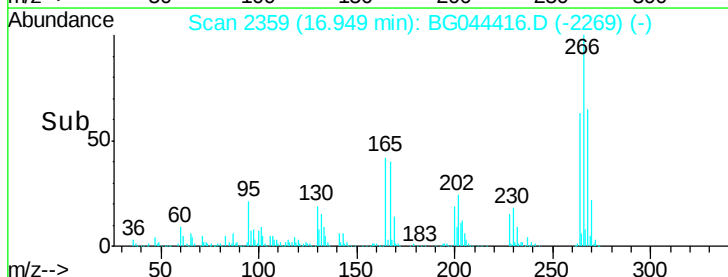
264 63.4 48.7 73.1

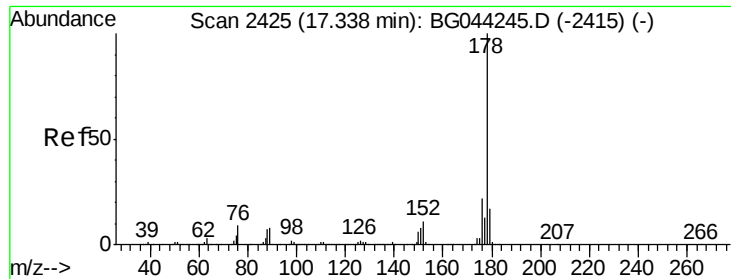


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

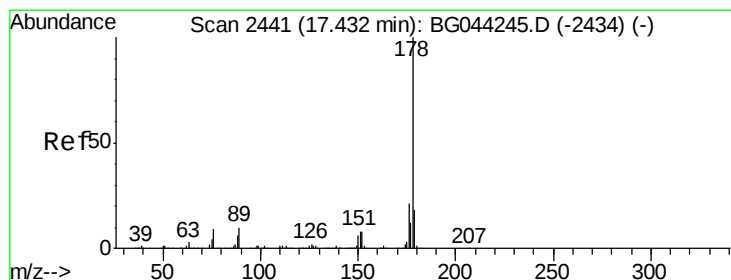
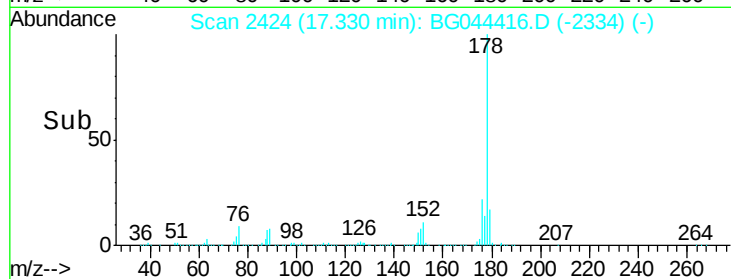
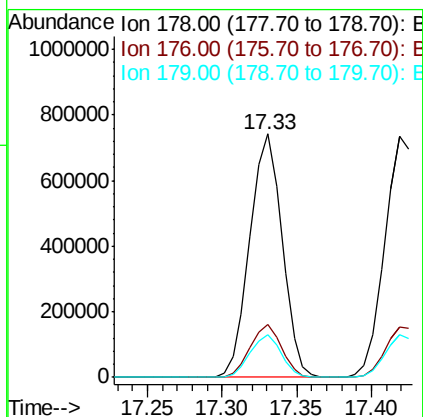
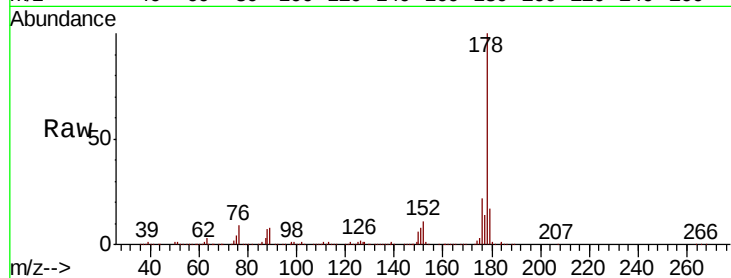




#71
Phenanthrene
Concen: 48.024 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

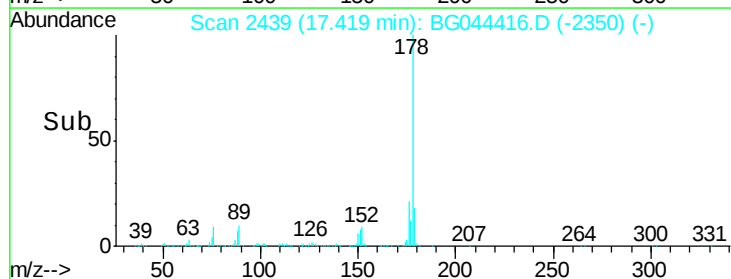
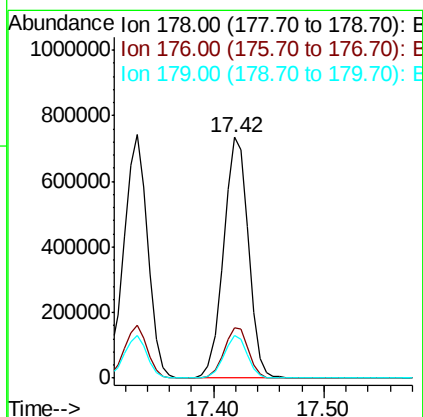
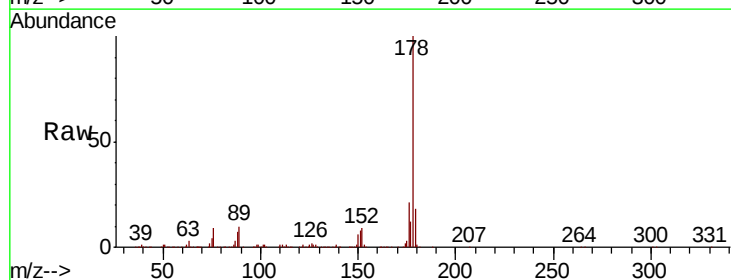
Instrument :
BNA_G
ClientSampled :

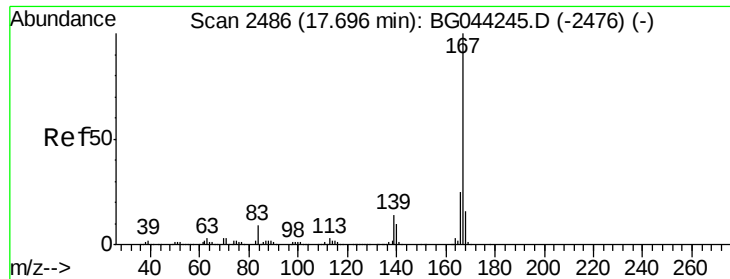
Tot Ion:178 Resp: 1114775
Ion Ratio Lower Upper
178 100
176 21.9 17.7 26.5
179 17.3 13.7 20.5



#72
Anthracene
Concen: 50.073 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion:178 Resp: 1149149
Ion Ratio Lower Upper
178 100
176 21.1 17.0 25.4
179 17.8 14.4 21.6





#73

Carbazole

Concen: 49.307 ng

RT: 17.69 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

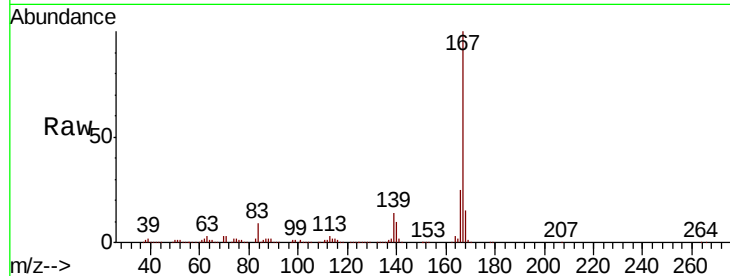
Tot Ion:167 Resp: 1043184

Ion Ratio Lower Upper

167 100

166 25.4 19.8 29.6

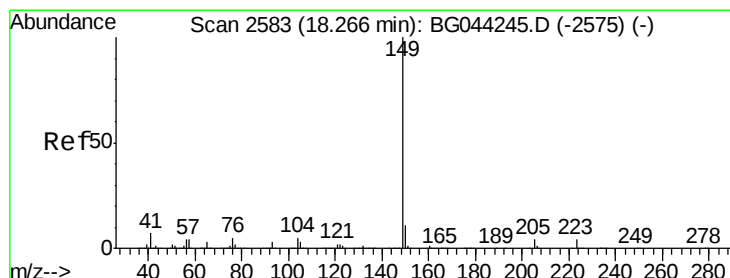
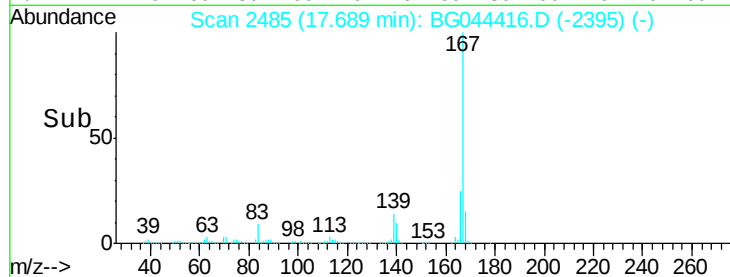
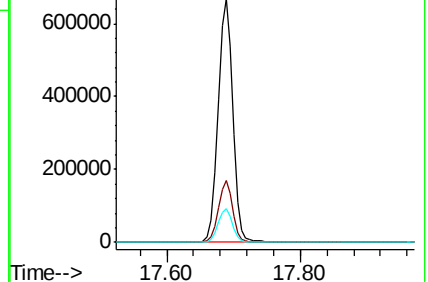
139 13.8 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.888 ng

RT: 18.25 min Scan# 2581

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

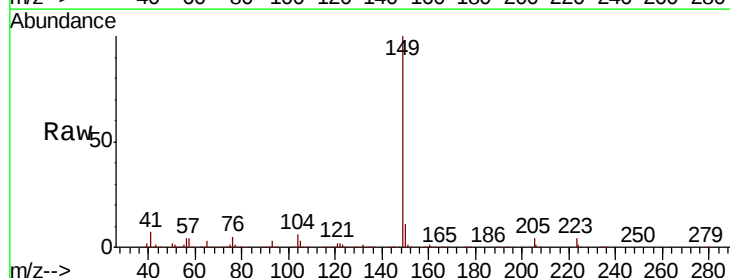
Tgt Ion:149 Resp: 1278173

Ion Ratio Lower Upper

149 100

150 10.9 8.7 13.1

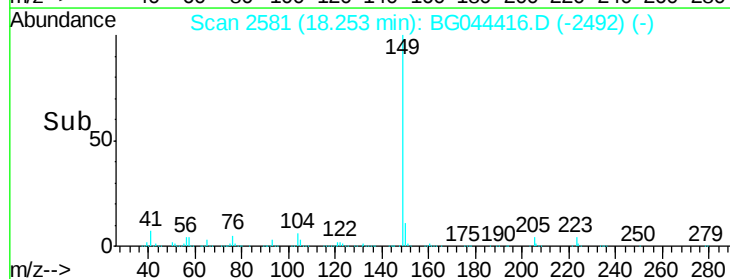
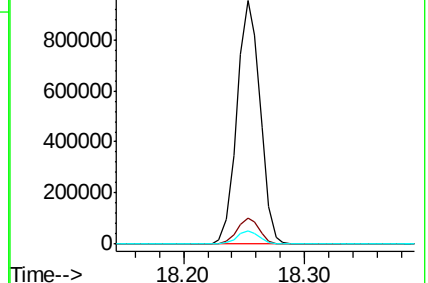
104 5.5 4.3 6.5

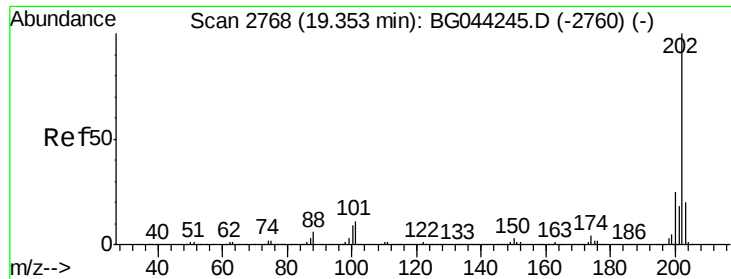


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.736 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

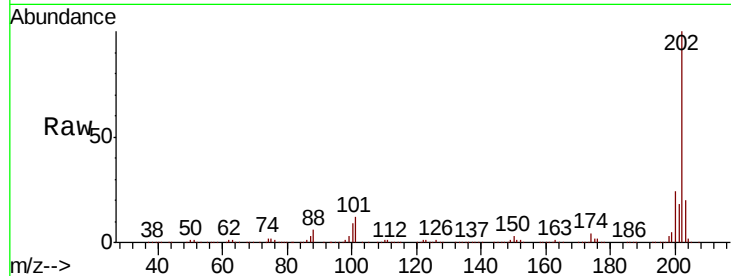
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1335567

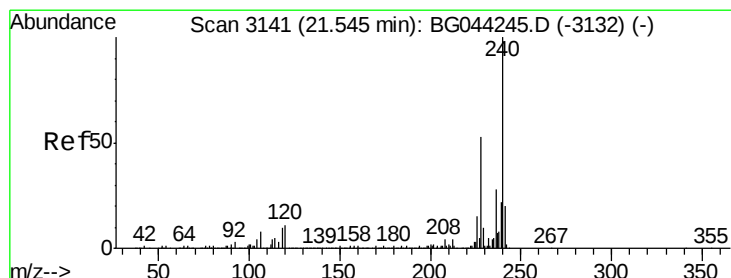
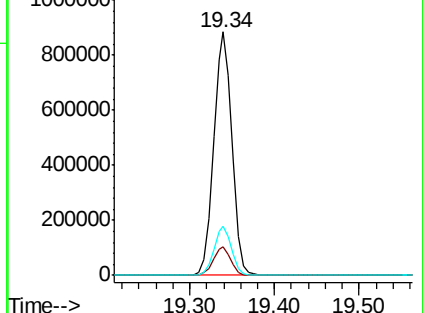
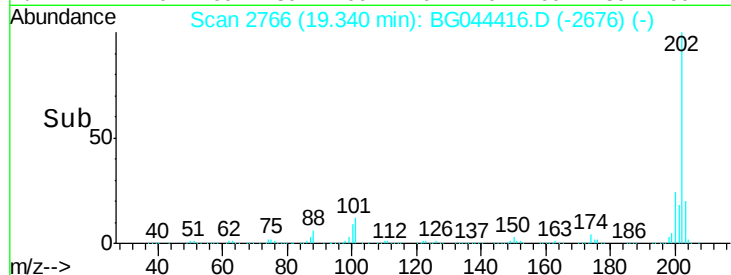
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.3
203	20.1	0.0	39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

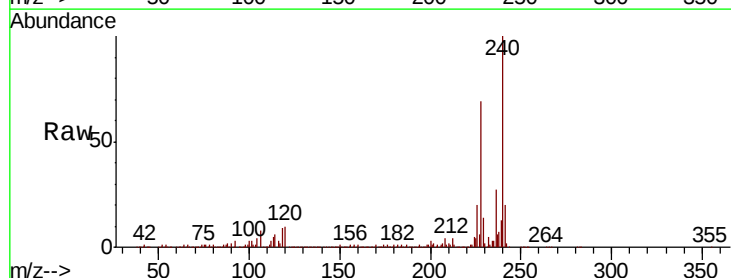
Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion:240 Resp: 455431

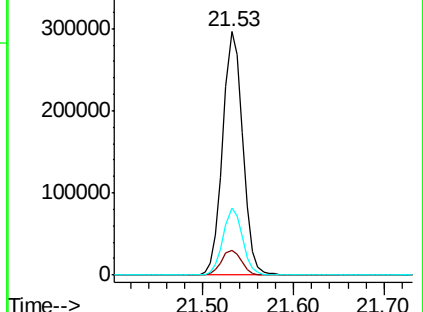
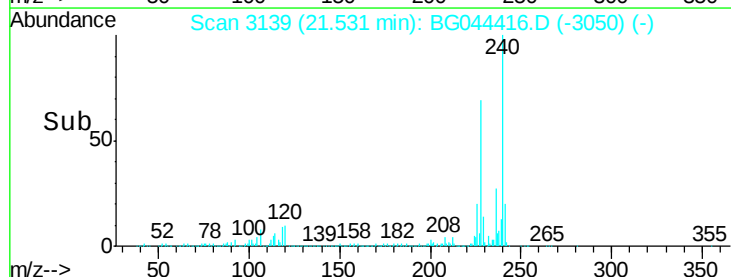
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	27.5	22.1	33.1

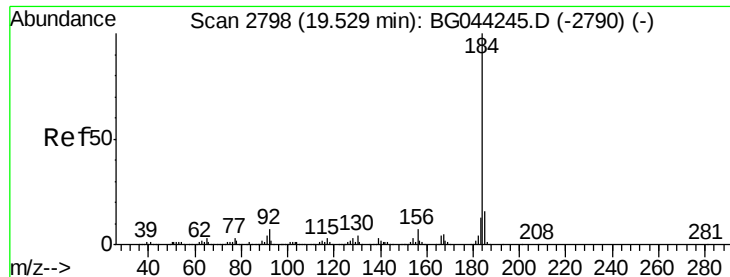


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.471 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

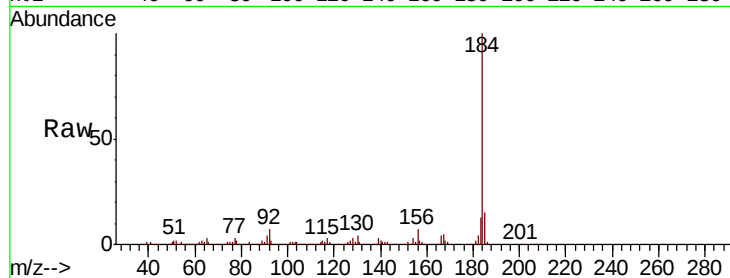
Tot Ion:184 Resp: 561784

Ion Ratio Lower Upper

184 100

185 15.3 12.9 19.3

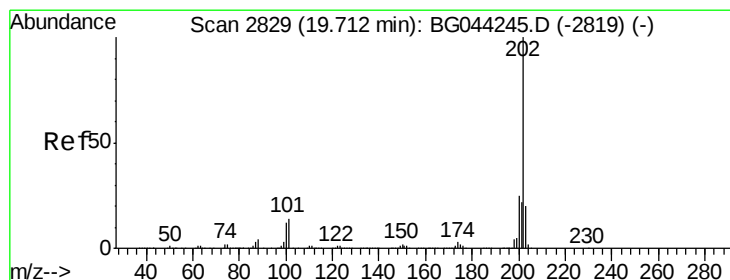
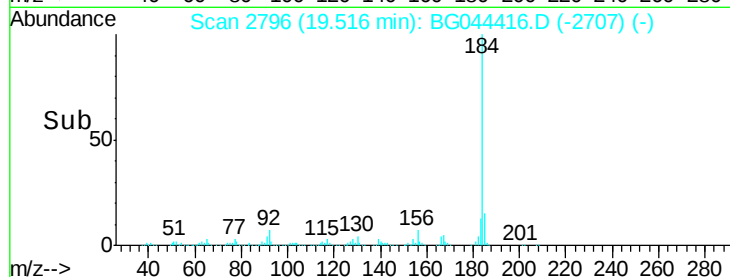
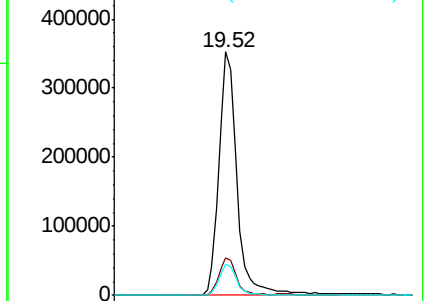
183 13.0 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.470 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

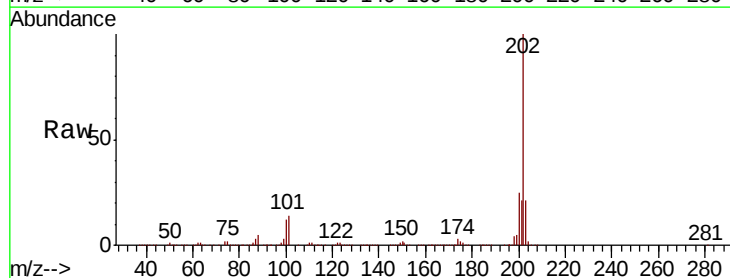
Tgt Ion:202 Resp: 1329914

Ion Ratio Lower Upper

202 100

200 24.6 20.0 30.0

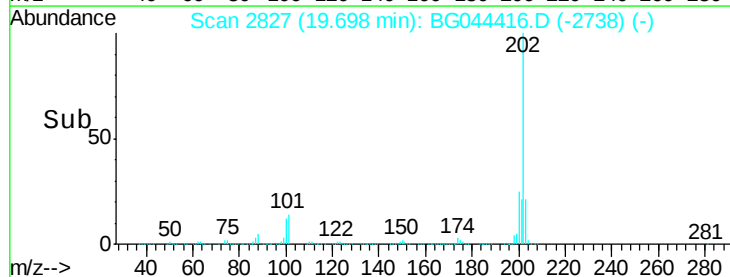
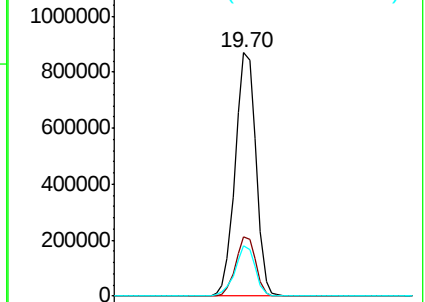
203 20.5 16.2 24.2

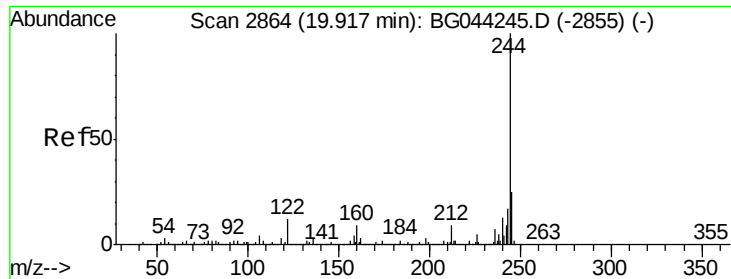


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

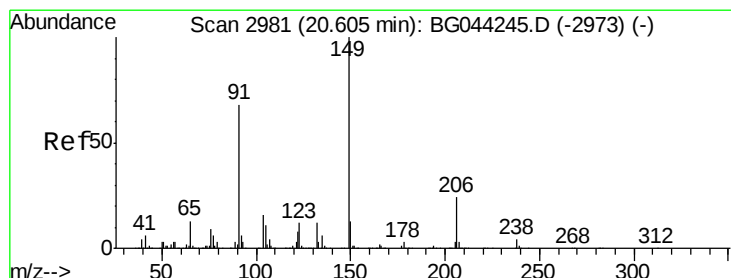
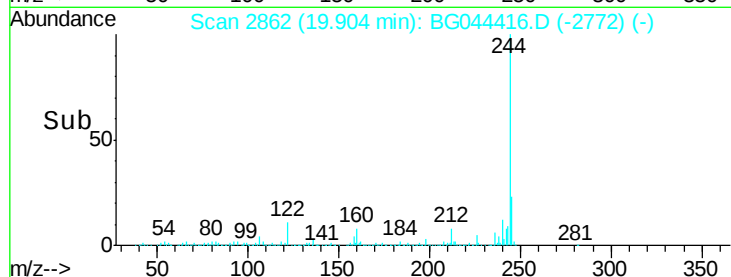
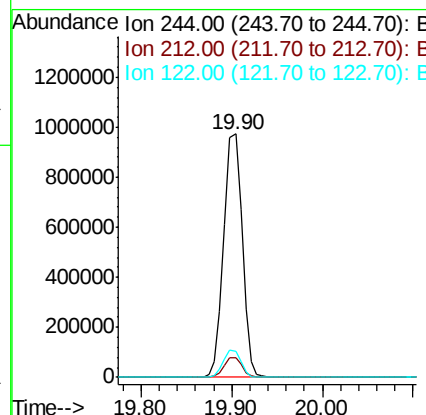
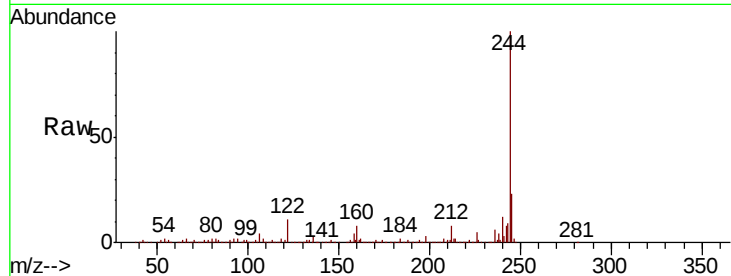




#79
 Terphenyl-d14
 Concen: 62.542 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

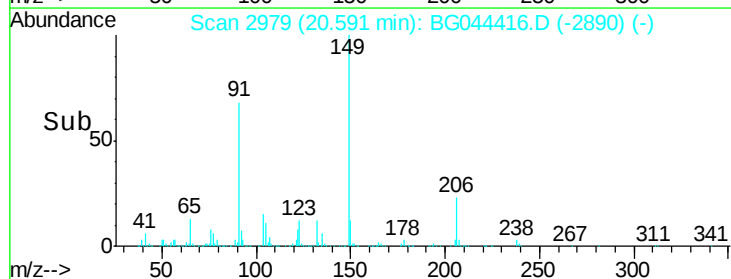
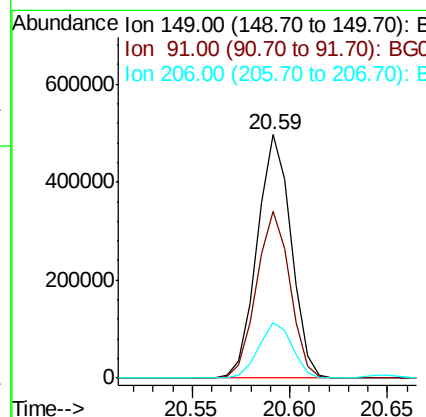
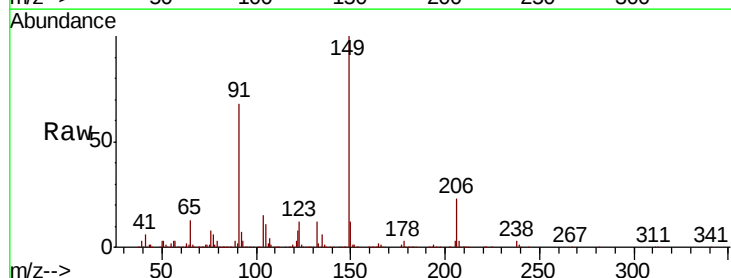
Instrument :
 BNA_G
 ClientSampleId :

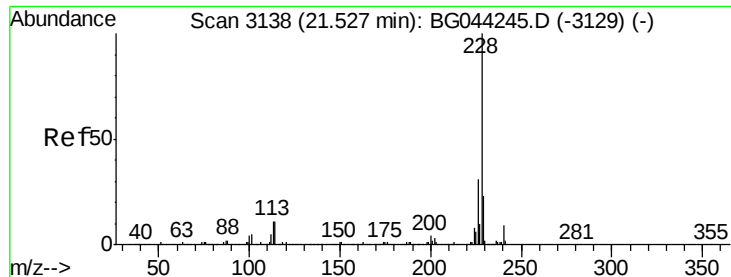
Tot Ion:244 Resp: 1384797
 Ion Ratio Lower Upper
 244 100
 212 8.0 7.4 11.2
 122 10.8 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 44.858 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion:149 Resp: 597897
 Ion Ratio Lower Upper
 149 100
 91 68.3 54.5 81.7
 206 22.8 19.1 28.7

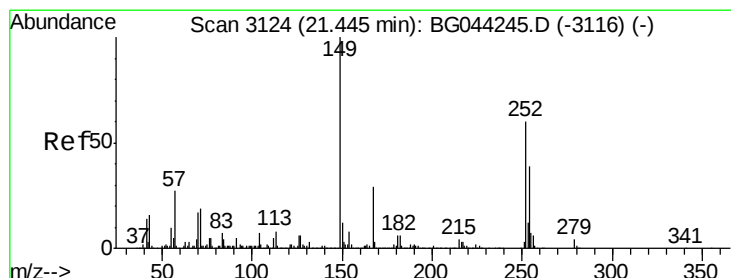
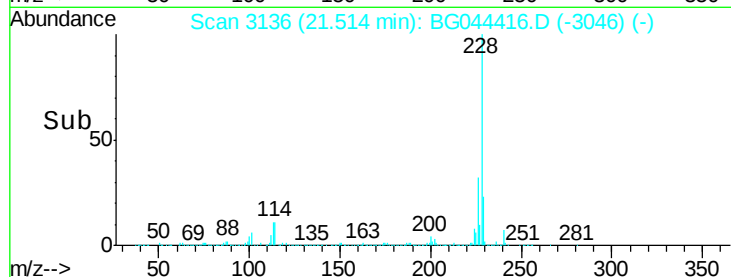
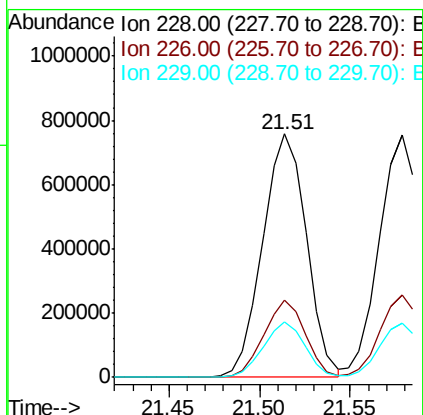
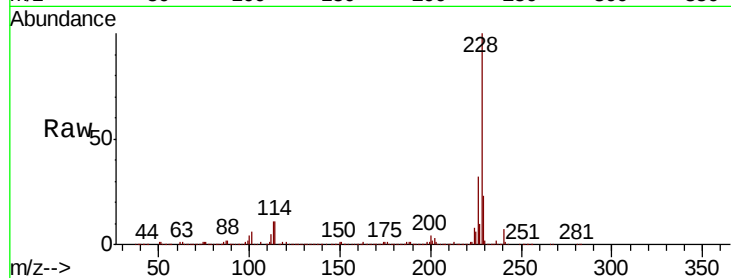




#81
Benzo(a)anthracene
Concen: 45.359 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

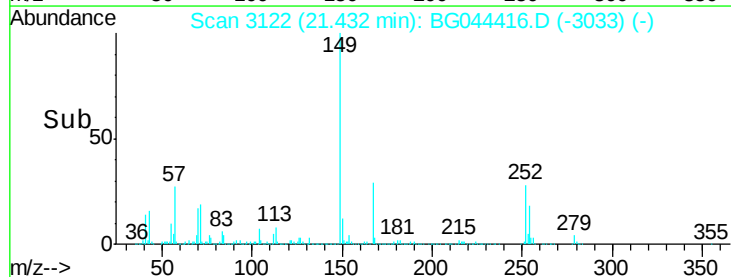
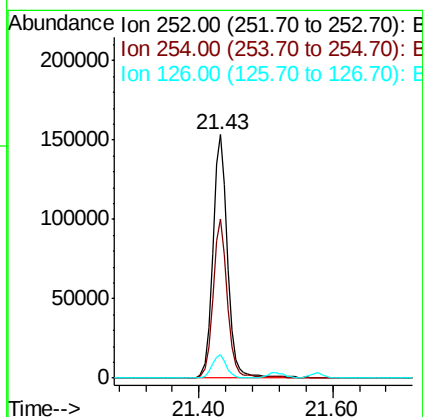
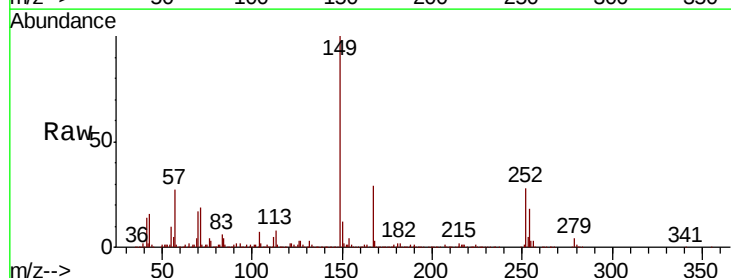
Instrument :
BNA_G
ClientSampleId :

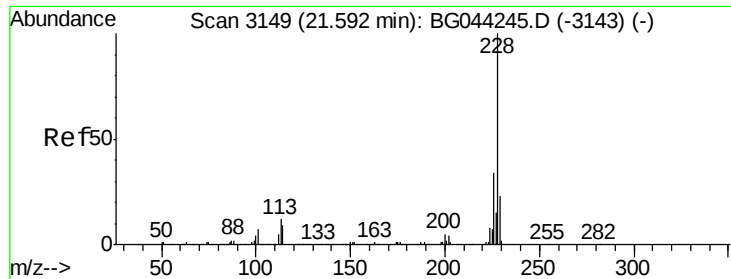
Tot Ion:228 Resp: 1273174
Ion Ratio Lower Upper
228 100
226 31.5 24.7 37.1
229 22.8 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 21.809 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion:252 Resp: 237576
Ion Ratio Lower Upper
252 100
254 65.2 52.6 78.8
126 9.6 8.2 12.4





#83

Chrysene

Concen: 45.390 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

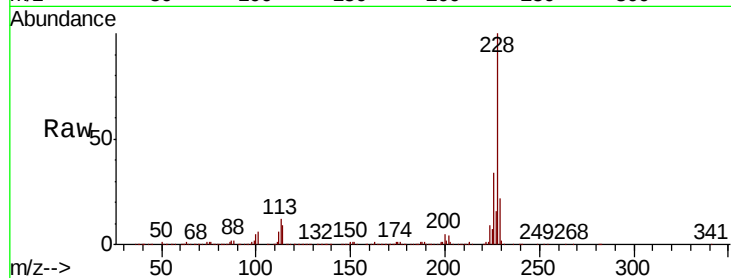
Tot Ion:228 Resp: 1231474

Ion Ratio Lower Upper

228 100

226 33.7 27.1 40.7

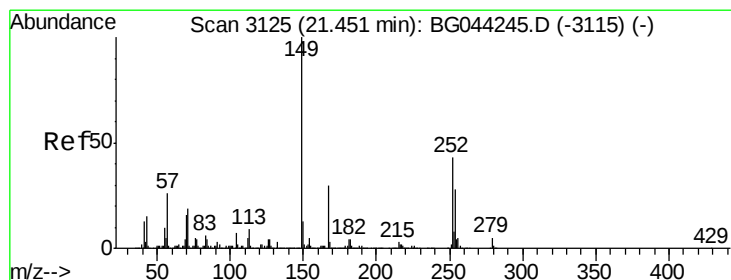
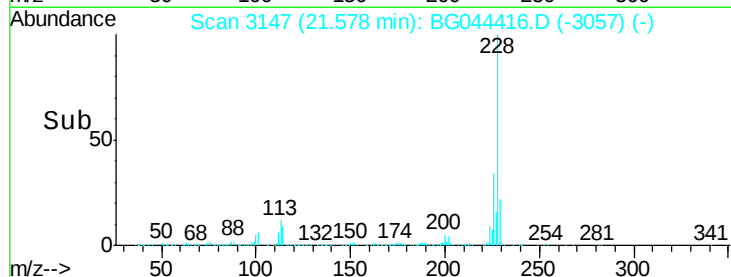
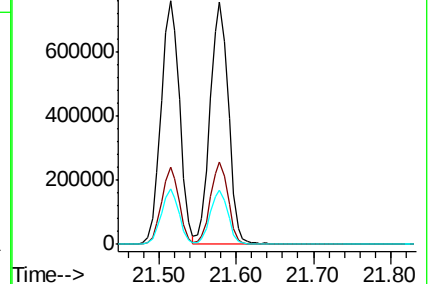
229 22.3 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.948 ng

RT: 21.44 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

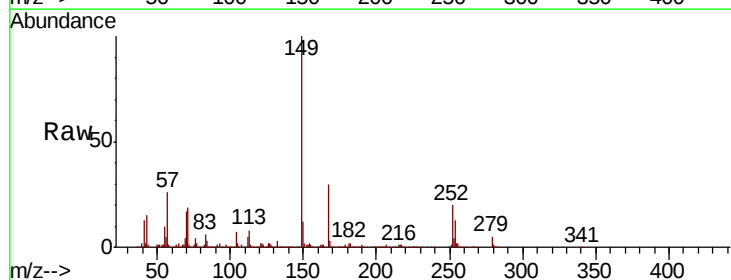
Tgt Ion:149 Resp: 842945

Ion Ratio Lower Upper

149 100

167 30.0 24.0 36.0

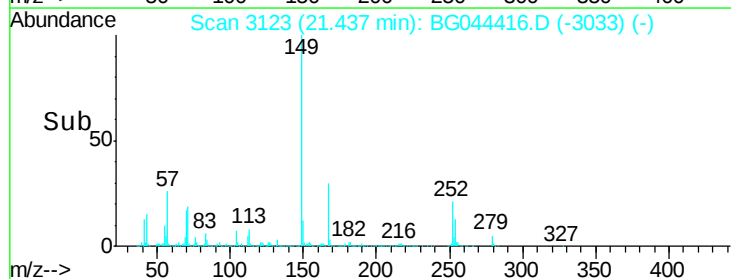
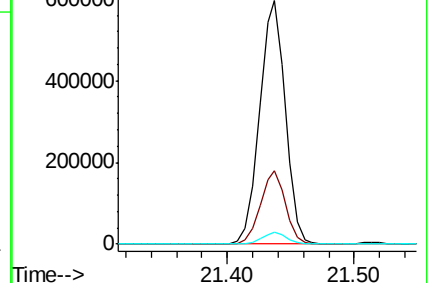
279 5.0 3.8 5.8

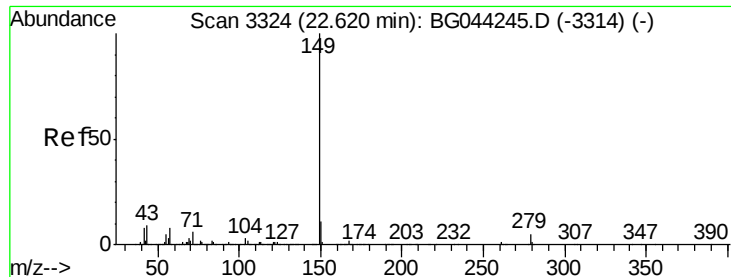


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.091 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

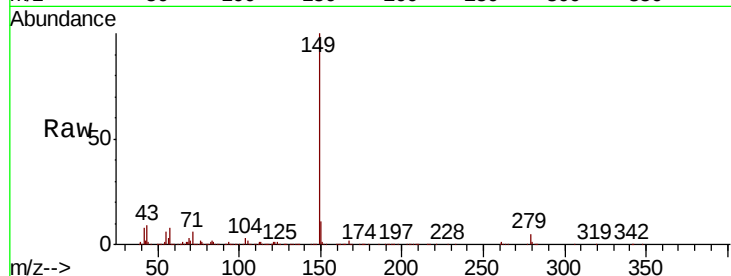
Tot Ion:149 Resp: 1463035

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

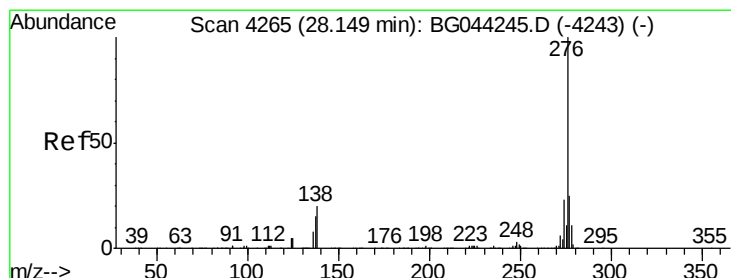
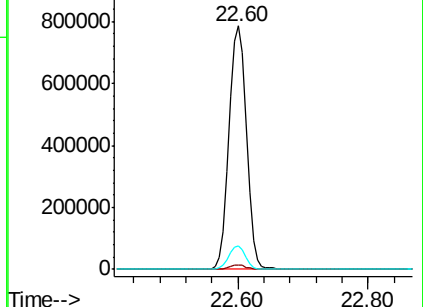
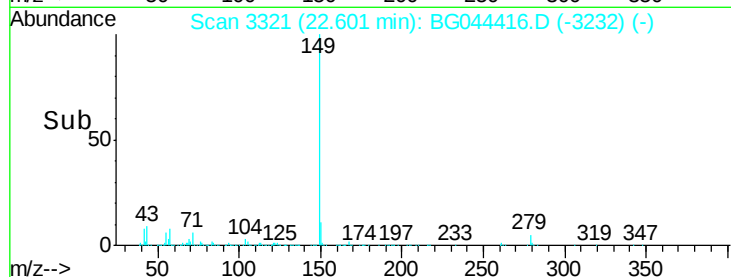
43 9.2 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.210 ng

RT: 28.12 min Scan# 4261

Delta R.T. 0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

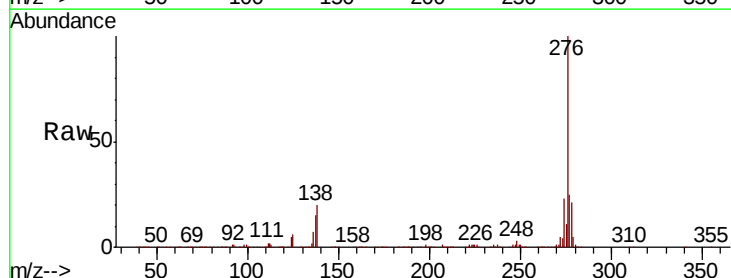
Tgt Ion:276 Resp: 1600273

Ion Ratio Lower Upper

276 100

138 24.0 19.4 29.0

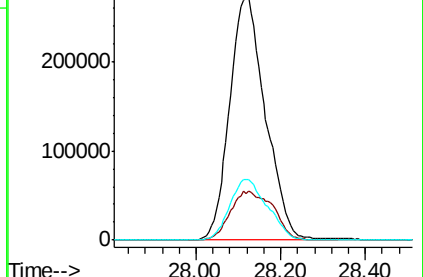
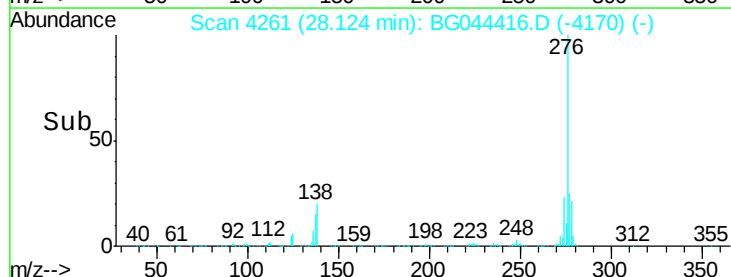
277 26.3 21.0 31.6

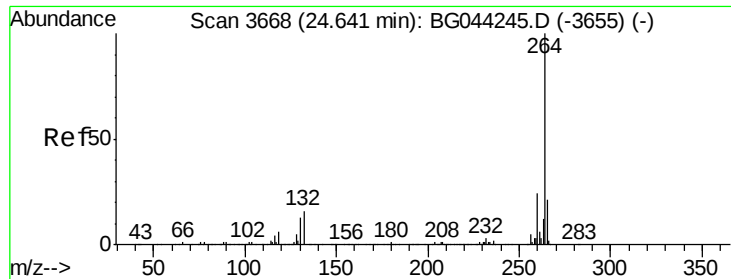


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.62 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

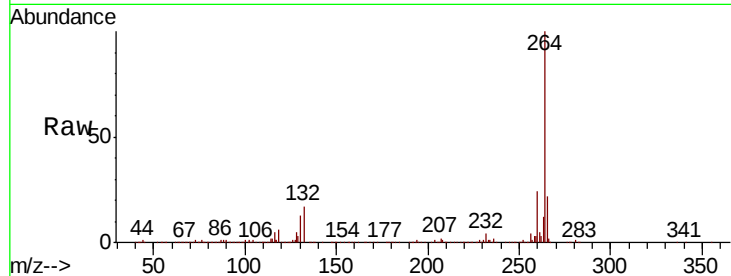
Tot Ion:264 Resp: 488650

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

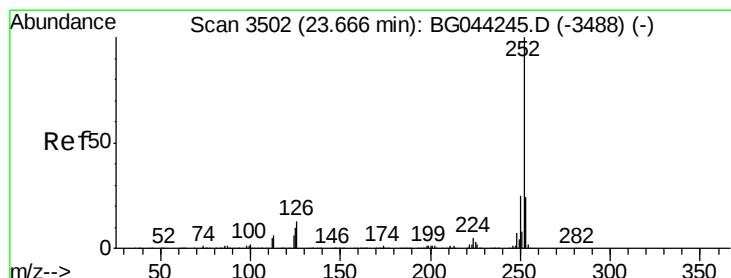
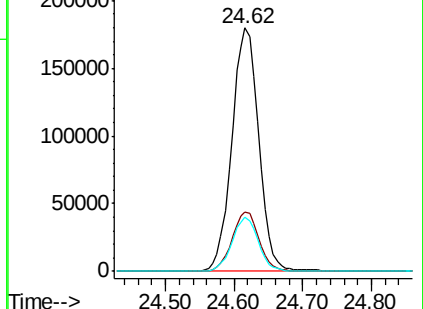
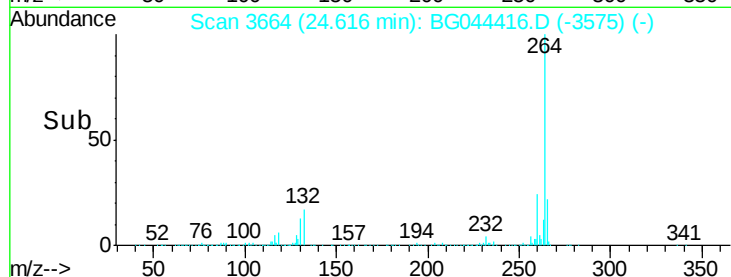
265 22.0 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.182 ng

RT: 23.65 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

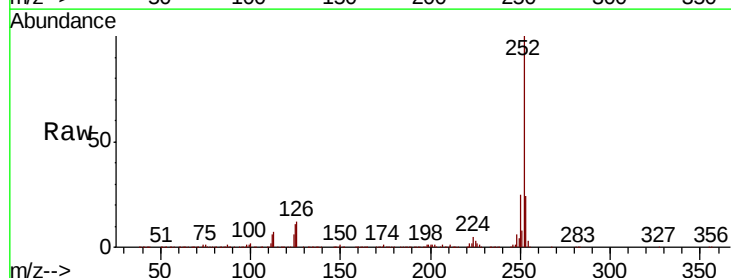
Tgt Ion:252 Resp: 1356696

Ion Ratio Lower Upper

252 100

253 24.1 19.2 28.8

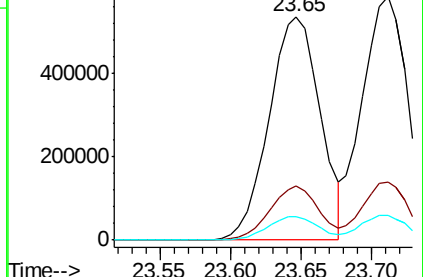
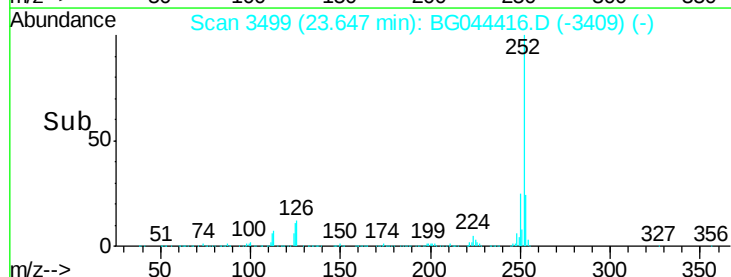
125 10.6 8.4 12.6

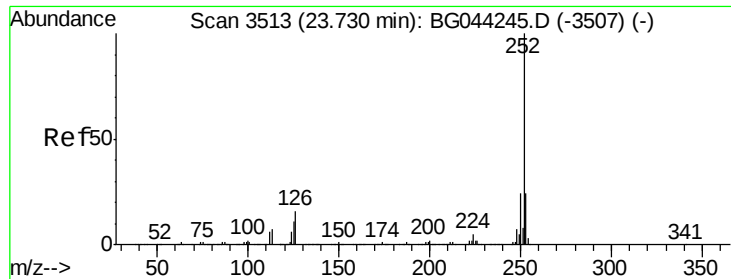


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

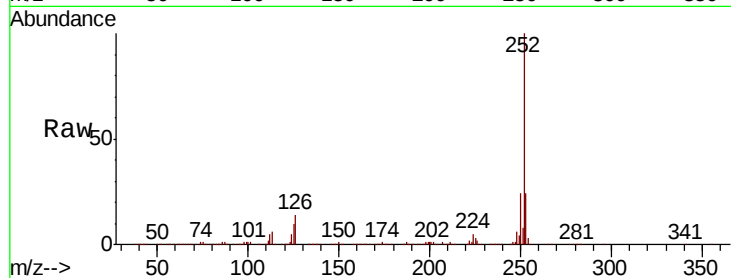




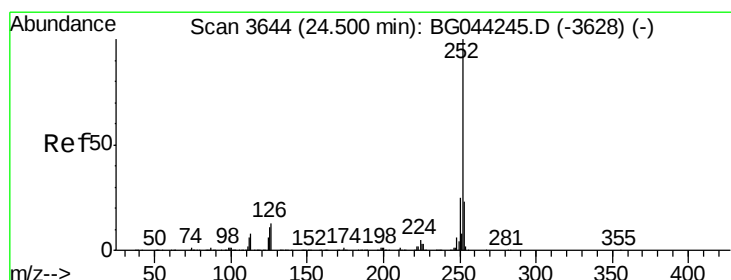
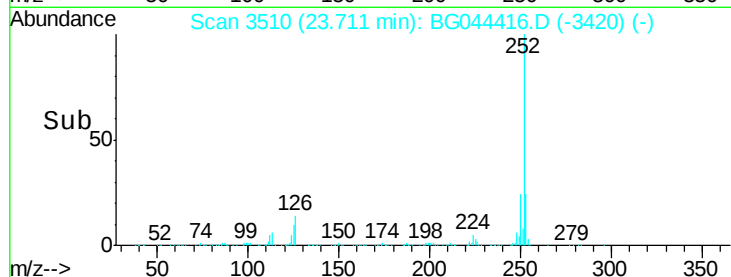
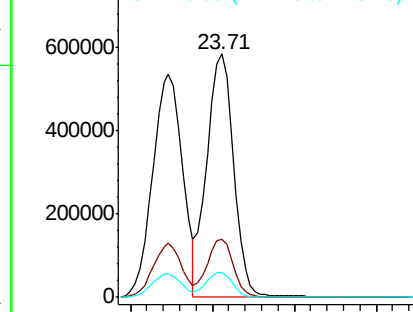
#89
Benzo(k)fluoranthene
Concen: 48.824 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1339900
Ion Ratio Lower Upper
252 100
253 23.8 19.1 28.7
125 10.4 8.6 12.8

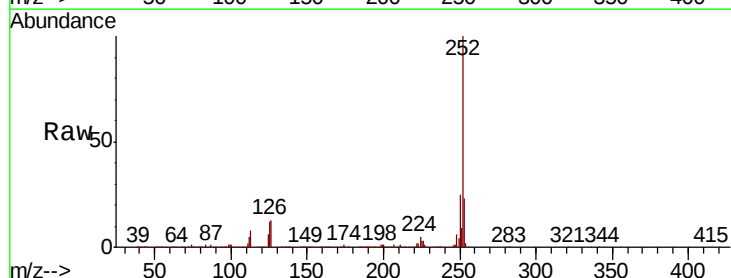


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

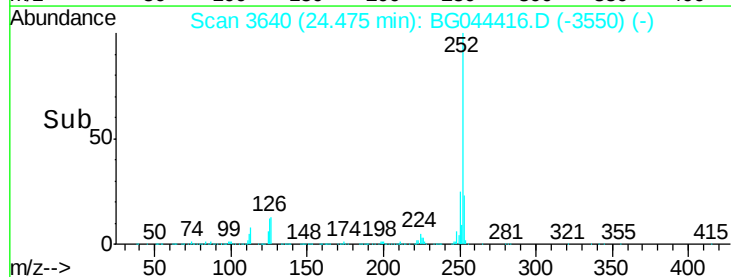
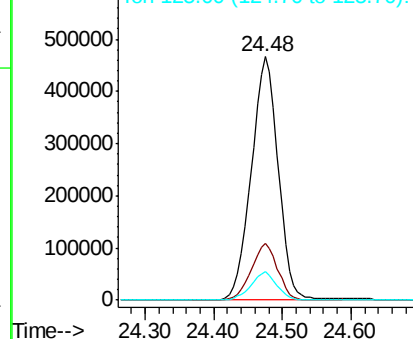


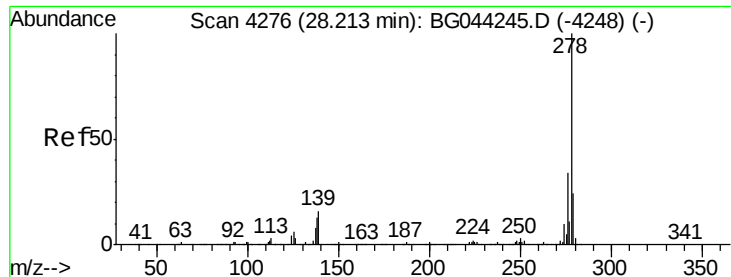
#90
Benzo(a)pyrene
Concen: 47.752 ng
RT: 24.48 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion:252 Resp: 1271296
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 11.9 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

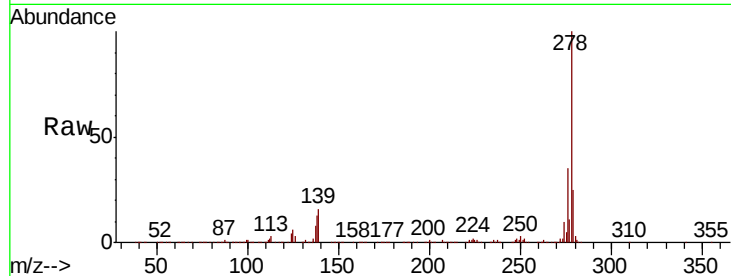




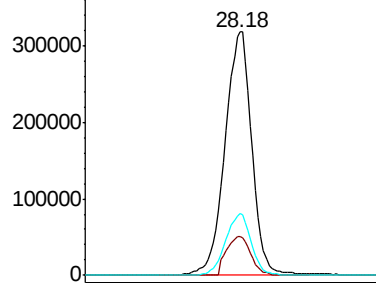
#91
Dibenzo(a,h)anthracene
Concen: 49.597 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :

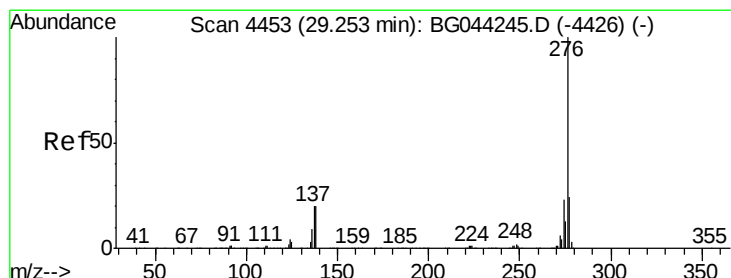
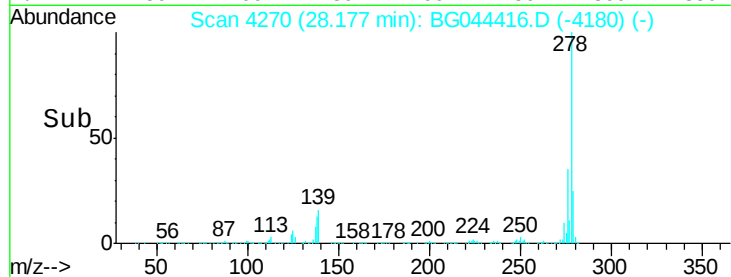
Tot Ion:278 Resp: 1306771
Ion Ratio Lower Upper
278 100
139 16.0 12.7 19.1
279 25.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

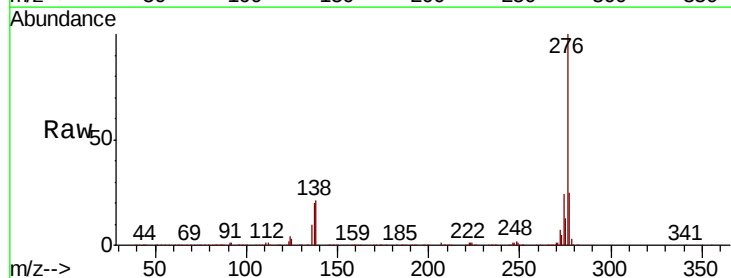


Time-->

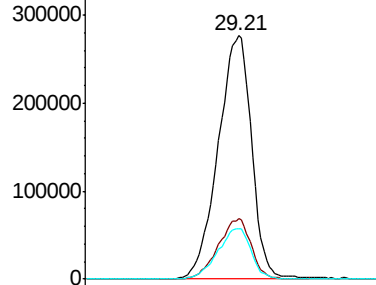


#92
Benzo(g,h,i)perylene
Concen: 50.742 ng
RT: 29.21 min Scan# 4446
Delta R.T. 0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion:276 Resp: 1338362
Ion Ratio Lower Upper
276 100
277 24.6 18.8 28.2
138 20.8 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

