

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044370.D
 Acq On : 11 Feb 2020 1:53
 Operator : CG/JU
 Sample : PB126703BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 02:54:27 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	7.91	152	64225	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	297605	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	214566	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	505617	20.00	ng	0.00
76) Chrysene-d12	21.54	240	465831	20.00	ng	0.00
87) Perylene-d12	24.62	264	500186	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	171266	47.06	ng	0.00
7) Phenol-d6	7.07	99	142563	29.17	ng	0.00
23) Nitrobenzene-d5	9.06	82	503532	95.52	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	263396	104.57	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1206212	94.14	ng	0.00
79) Terphenyl-d14	19.90	244	1901228	83.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	27604	16.883	ng	98
3) Pyridine	3.76	79	67033	15.388	ng	98
4) n-Nitrosodimethylamine	3.67	42	35122	19.295	ng	94
6) Aniline	7.22	93	203101	33.483	ng	99
8) 2-Chlorophenol	7.47	128	183297	45.830	ng	97
9) Benzaldehyde	7.04	77	120483	43.289	ng	98
10) Phenol	7.10	94	76455	15.808	ng	99
11) bis(2-Chloroethyl)ether	7.32	93	215248	52.059	ng	97
12) 1,3-Dichlorobenzene	7.79	146	191366	40.074	ng	99
13) 1,4-Dichlorobenzene	7.93	146	198096	41.884	ng	98
14) 1,2-Dichlorobenzene	8.26	146	190435	42.599	ng	99
15) Benzyl Alcohol	8.14	79	121742	35.188	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	279903	50.016	ng	99
17) 2-Methylphenol	8.35	107	128749	37.312	ng	96
18) Hexachloroethane	8.99	117	66013	37.195	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	180357	55.378	ng	96
20) 3+4-Methylphenols	8.68	107	159423	33.524	ng	98
22) Acetophenone	8.72	105	342897	47.363	ng	99
24) Nitrobenzene	9.10	77	251736	48.917	ng	97
25) Isophorone	9.63	82	513004	52.213	ng	100
26) 2-Nitrophenol	9.81	139	131819	49.365	ng	99
27) 2,4-Dimethylphenol	9.88	122	198719	52.719	ng	97
28) bis(2-Chloroethoxy)methane	10.11	93	319794	48.791	ng	99
29) 2,4-Dichlorophenol	10.36	162	224401	49.234	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	210672	40.310	ng	100
31) Naphthalene	10.75	128	668080	46.269	ng	100
32) Benzoic acid	9.88	122	198719	70.578	ng	# 18
33) 4-Chloroaniline	10.86	127	213139	32.457	ng	99
34) Hexachlorobutadiene	11.05	225	113062	35.158	ng	97
35) Caprolactam	11.64	113	8782	5.260	ng	98
36) 4-Chloro-3-methylphenol	11.99	107	233140	48.787	ng	99
37) 2-Methylnaphthalene	12.36	142	532472	49.668	ng	99
38) 1-Methylnaphthalene	12.58	142	510974	50.556	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	266041	41.450	ng	99

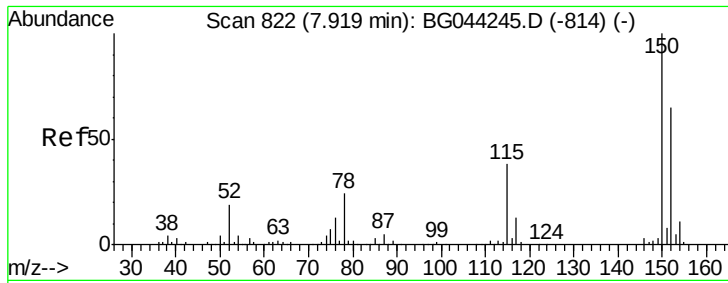
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044370.D
 Acq On : 11 Feb 2020 1:53
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	248512	80.693	nq	98
43) 2,4,6-Trichlorophenol	12.98	196	198477	47.841	nq	100
44) 2,4,5-Trichlorophenol	13.05	196	215694	50.902	nq	98
46) 1,1'-Biphenyl	13.38	154	711954	46.001	nq	99
47) 2-Chloronaphthalene	13.42	162	555847	45.133	nq	100
48) 2-Nitroaniline	13.62	65	177640	48.875	nq	97
49) Acenaphthylene	14.26	152	914540	50.628	nq	100
50) Dimethylphthalate	14.00	163	780624	50.612	nq	99
51) 2,6-Dinitrotoluene	14.12	165	178871	52.013	nq	100
52) Acenaphthene	14.61	154	565769	48.321	nq	98
53) 3-Nitroaniline	14.44	138	133131	34.991	nq	97
54) 2,4-Dinitrophenol	14.66	184	179184	87.177	nq	97
55) Dibenzofuran	14.94	168	903473	50.965	nq	99
56) 4-Nitrophenol	14.76	139	97283	34.907	nq	98
57) 2,4-Dinitrotoluene	14.90	165	257015	53.323	nq	99
58) Fluorene	15.59	166	723568	51.822	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	202293	52.852	nq	99
60) Diethylphthalate	15.37	149	793489	51.631	nq	99
61) 4-Chlorophenyl-phenylether	15.58	204	383704	50.684	nq	98
62) 4-Nitroaniline	15.61	138	178178	46.867	nq	100
63) Azobenzene	15.88	77	708073	52.569	nq	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	147488	52.844	nq	96
66) n-Nitrosodiphenylamine	15.80	169	691346	48.791	nq	98
67) 4-Bromophenyl-phenylether	16.48	248	261388	47.451	nq	98
68) Hexachlorobenzene	16.60	284	288629	46.768	nq	98
69) Atrazine	16.75	200	276265	56.884	nq	99
70) Pentachlorophenol	16.95	266	301764	96.037	nq	96
71) Phenanthrene	17.33	178	1193196	48.734	nq	99
72) Anthracene	17.42	178	1235502	51.041	nq	99
73) Carbazole	17.69	167	1125031	50.415	nq	98
74) Di-n-butylphthalate	18.26	149	1362066	49.393	nq	100
75) Fluoranthene	19.34	202	1413769	49.916	nq	98
77) Benzidine	19.52	184	688419	53.279	nq	100
78) Pyrene	19.70	202	1406376	47.011	nq	100
80) Butylbenzylphthalate	20.59	149	616415	45.215	nq	96
81) Benzo(a)anthracene	21.51	228	1348628	46.975	nq	100
82) 3,3'-Dichlorobenzidine	21.43	252	424373	38.086	nq	100
83) Chrysene	21.58	228	1289191	46.456	nq	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	857091	45.676	nq	99
85) Di-n-octyl phthalate	22.60	149	1510957	46.538	nq	100
86) Indeno(1,2,3-cd)pyrene	28.11	276	1681620	46.448	nq	# 92
88) Benzo(b)fluoranthene	23.65	252	1424644	49.428	nq	100
89) Benzo(k)fluoranthene	23.71	252	1414558	50.356	nq	100
90) Benzo(a)pyrene	24.47	252	1325706	48.648	nq	99
91) Dibenzo(a,h)anthracene	28.18	278	1394520	51.707	nq	99
92) Benzo(g,h,i)perylene	29.20	276	1405566	52.061	nq	98

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

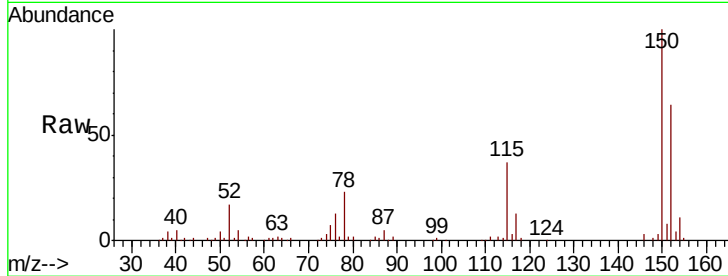


#1

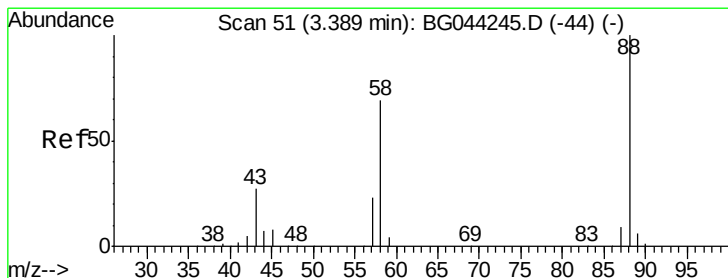
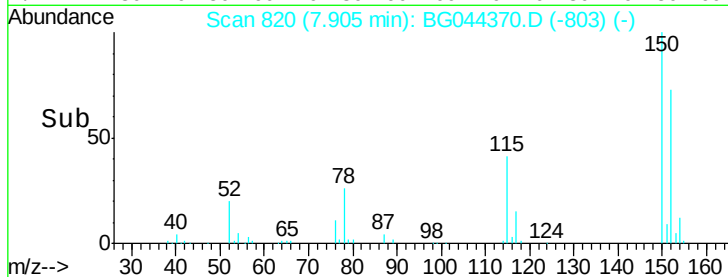
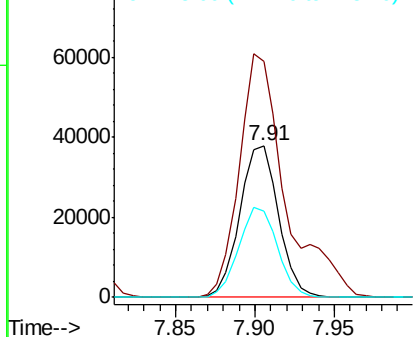
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64225
Ion Ratio Lower Upper
152 100
150 155.6 122.6 183.8
115 56.8 46.0 69.0



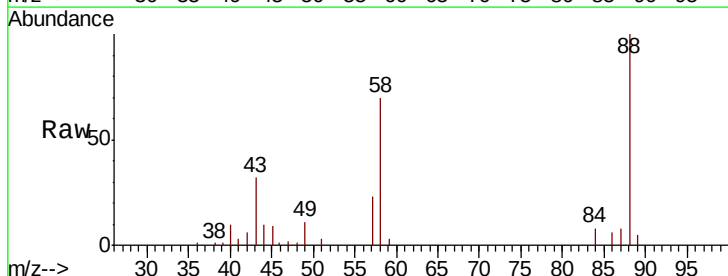
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



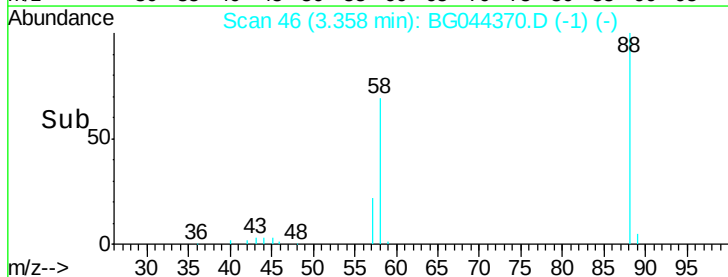
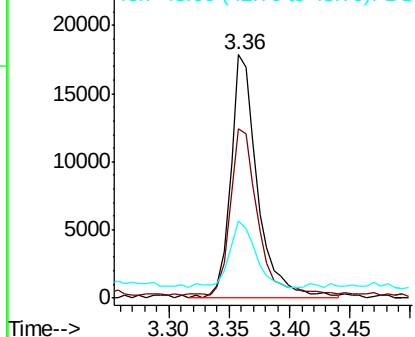
#2

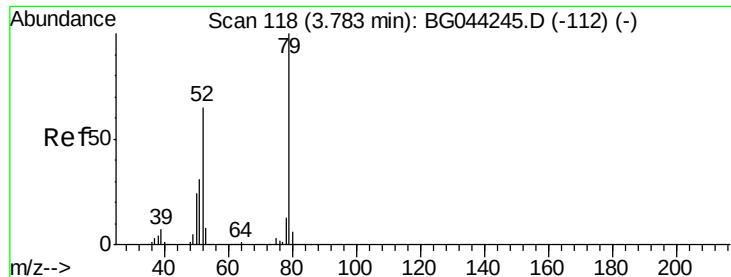
1,4-Dioxane
Concen: 16.883 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion: 88 Resp: 27604
Ion Ratio Lower Upper
88 100
58 68.2 55.8 83.6
43 27.7 21.6 32.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 15.388 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

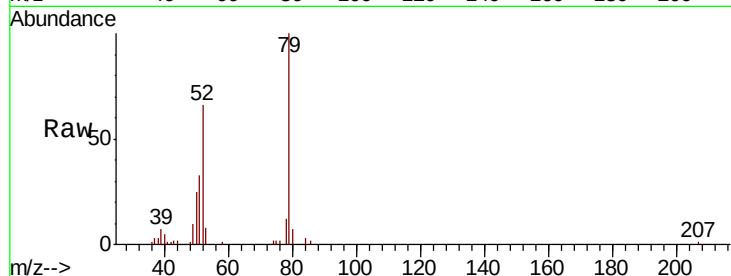
Tot Ion: 79 Resp: 67033

Ion Ratio Lower Upper

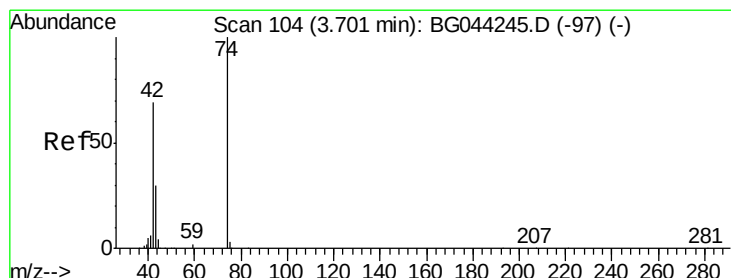
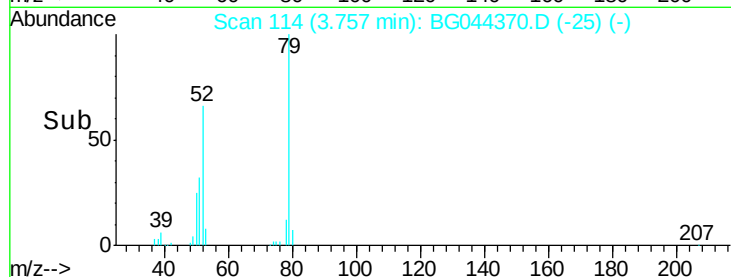
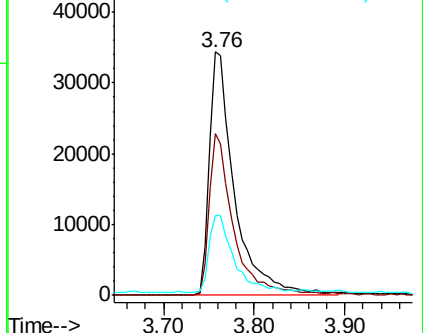
79 100

52 66.2 51.9 77.9

51 33.0 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: 19.295 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

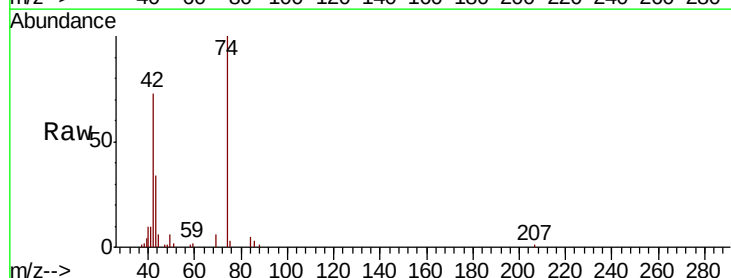
Tgt Ion: 42 Resp: 35122

Ion Ratio Lower Upper

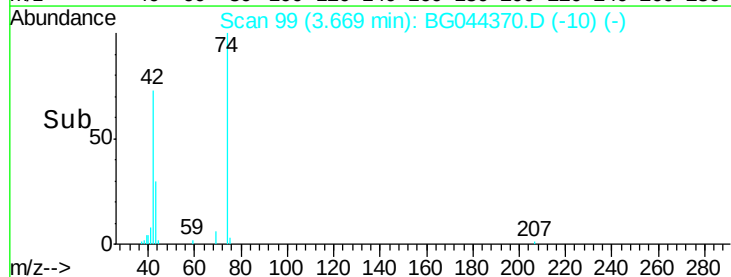
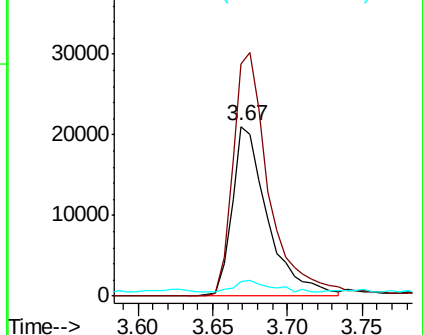
42 100

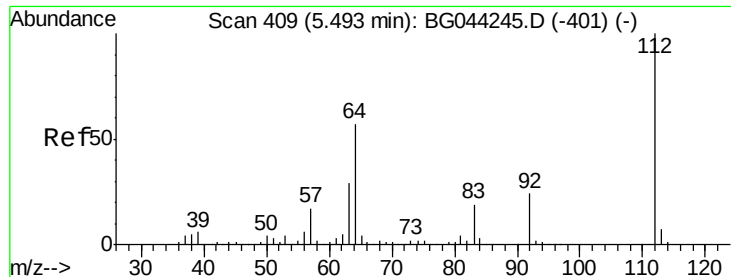
74 136.2 115.1 172.7

44 8.2 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: 47.062 ng

RT: 5.48 min Scan# 407

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

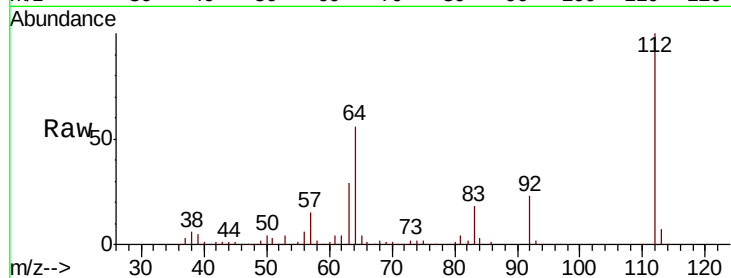
Tot Ion: 112 Resp: 171266

Ion Ratio Lower Upper

112 100

64 55.7 45.4 68.2

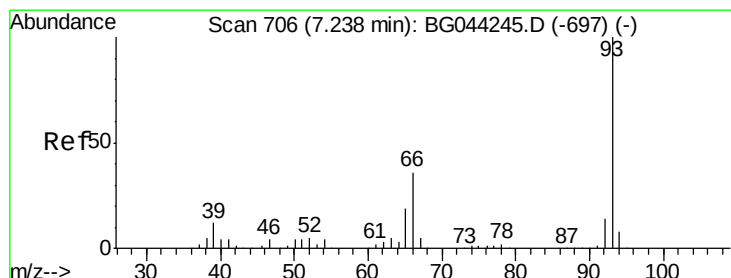
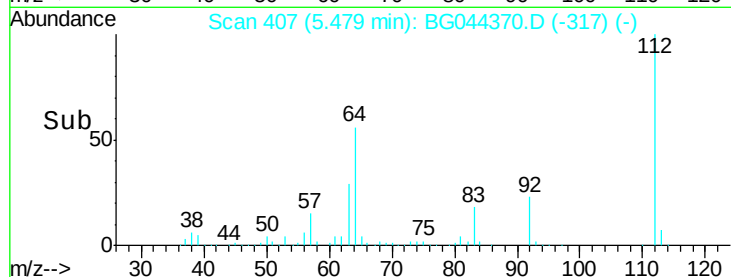
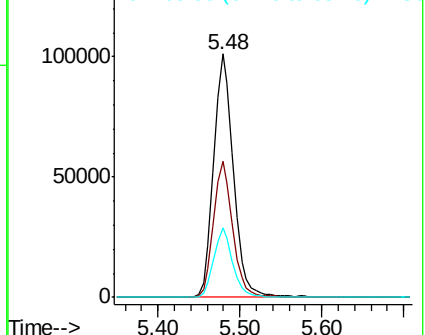
63 28.6 22.9 34.3



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: 33.483 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

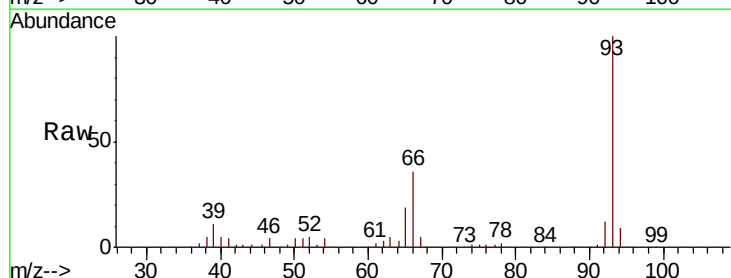
Tgt Ion: 93 Resp: 203101

Ion Ratio Lower Upper

93 100

66 36.5 28.7 43.1

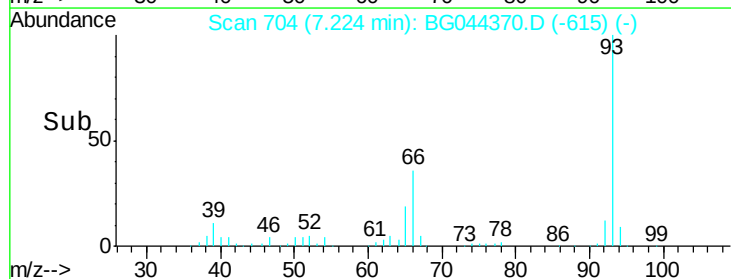
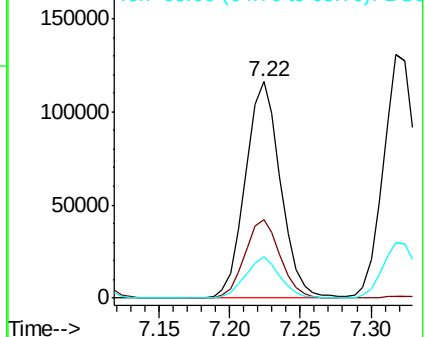
65 19.4 15.4 23.0

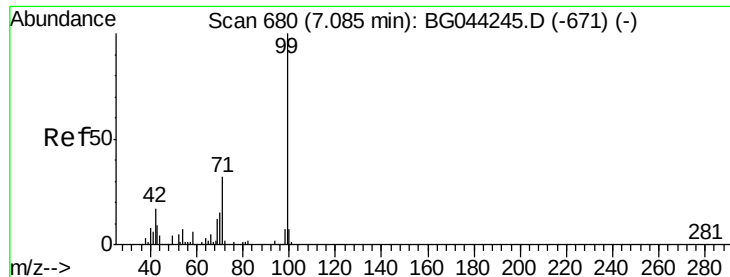


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 29.173 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

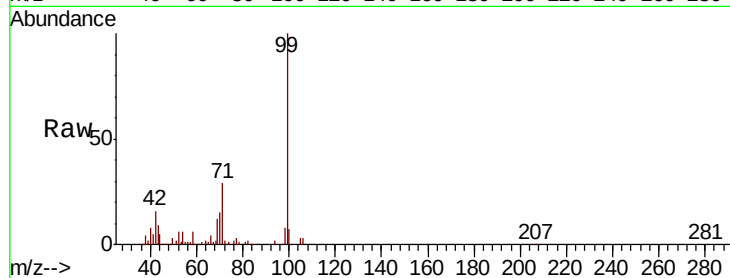
Tot Ion: 99 Resp: 142563

Ion Ratio Lower Upper

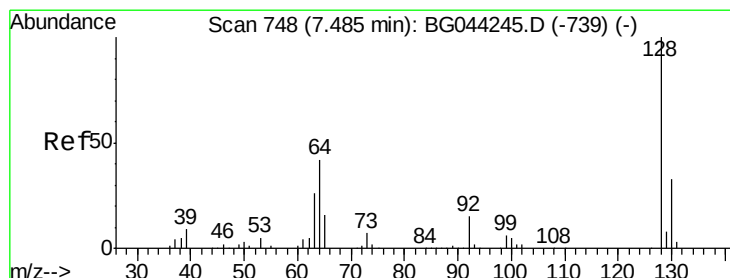
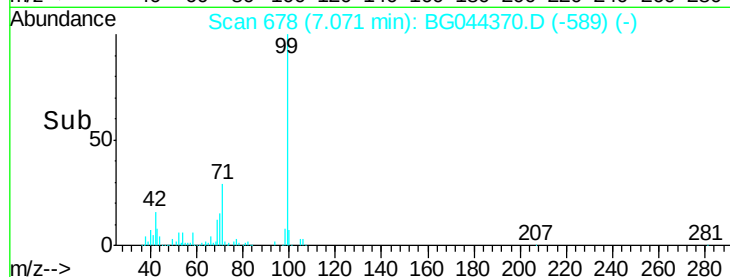
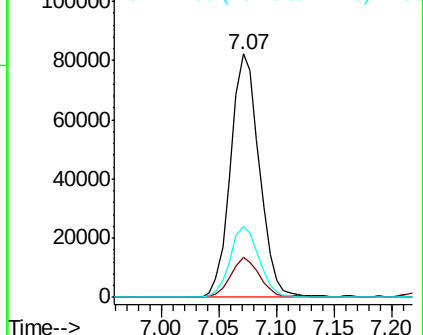
99 100

42 16.4 13.8 20.6

71 29.1 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: 45.830 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

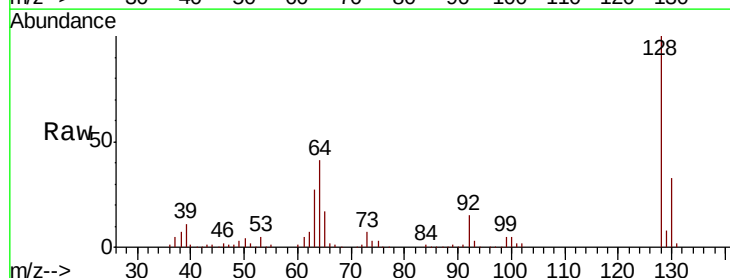
Tgt Ion: 128 Resp: 183297

Ion Ratio Lower Upper

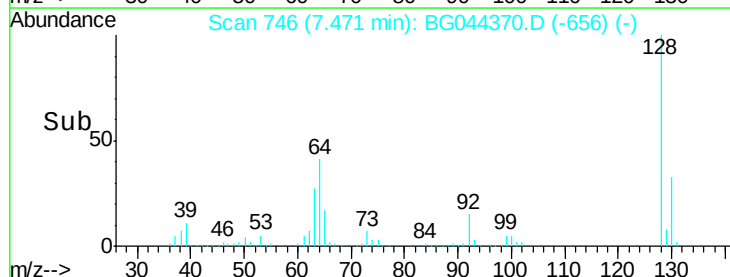
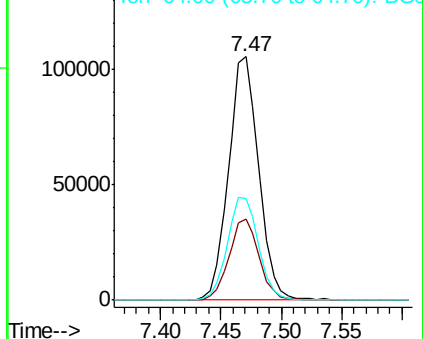
128 100

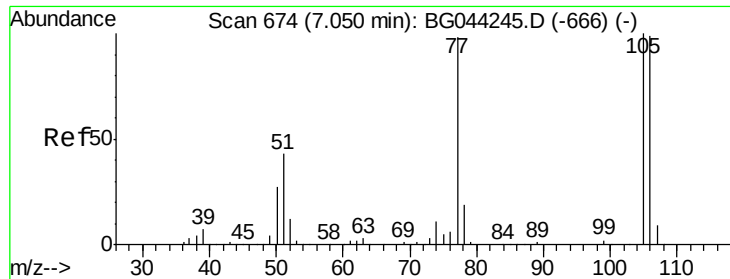
130 33.3 12.5 52.5

64 41.5 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: 43.289 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampled :

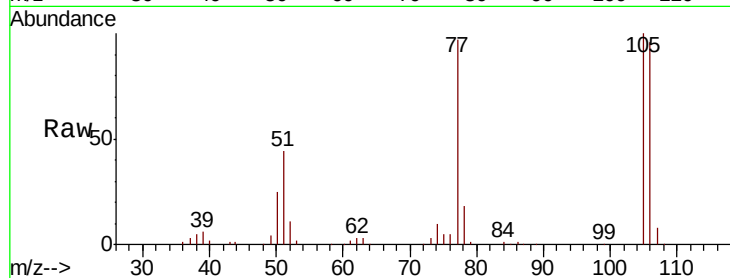
Tot Ion: 77 Resp: 120483

Ion Ratio Lower Upper

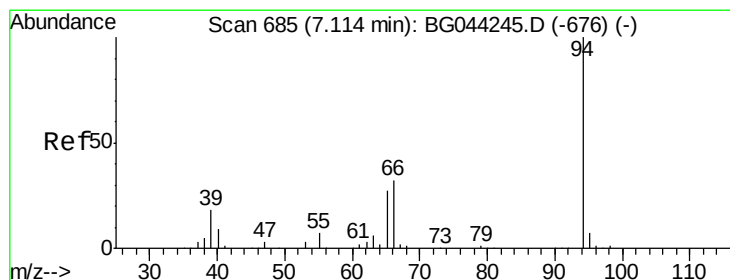
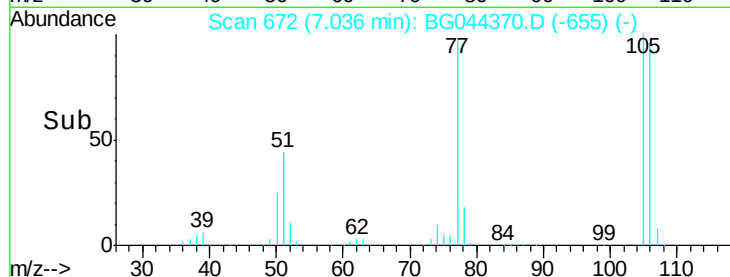
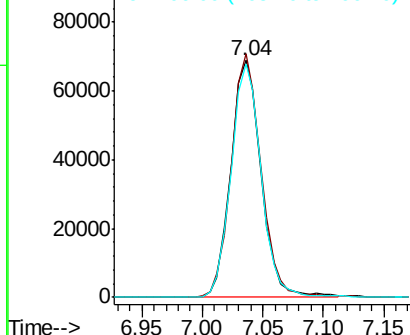
77 100

105 102.8 82.0 122.0

106 98.4 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: 15.808 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

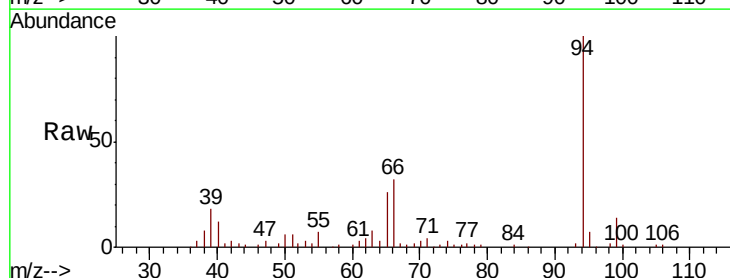
Tgt Ion: 94 Resp: 76455

Ion Ratio Lower Upper

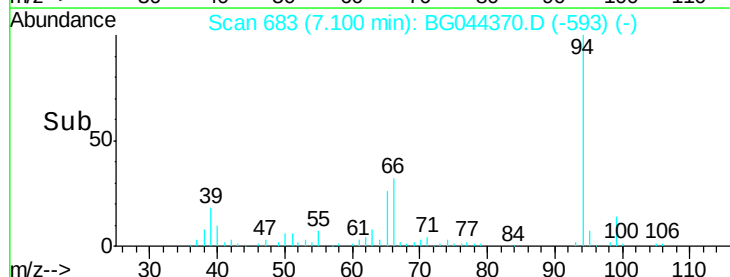
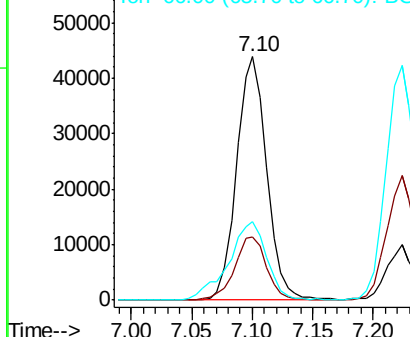
94 100

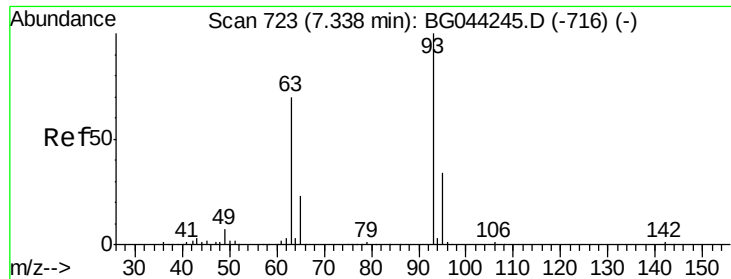
65 25.9 7.0 47.0

66 32.4 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

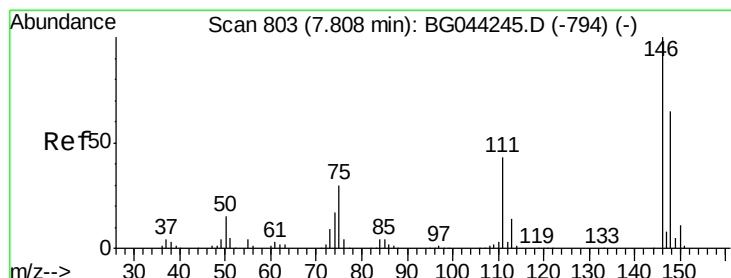
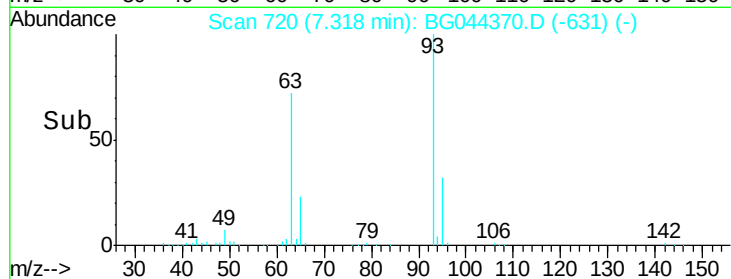
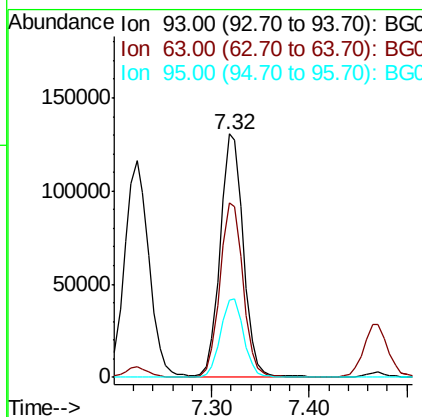
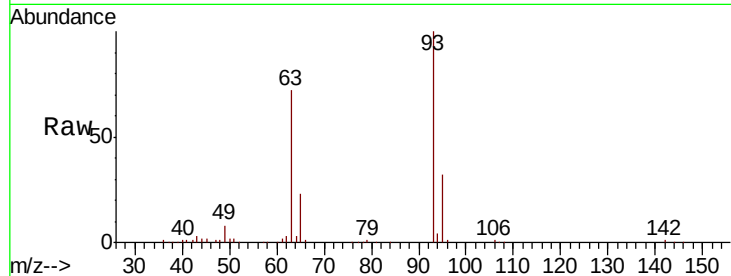




#11
 bis(2-Chloroethyl)ether
 Concen: 52.059 ng
 RT: 7.32 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

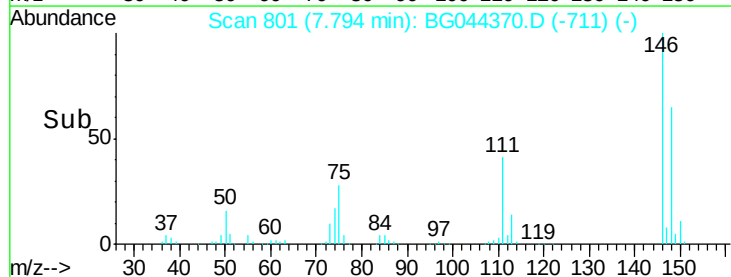
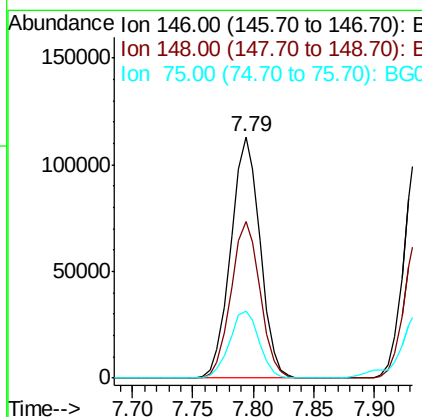
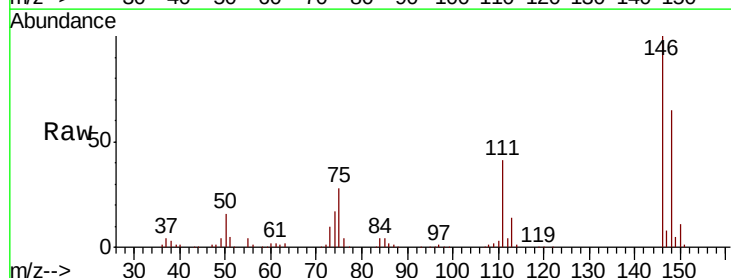
Instrument :
 BNA_G
 ClientSampleId :

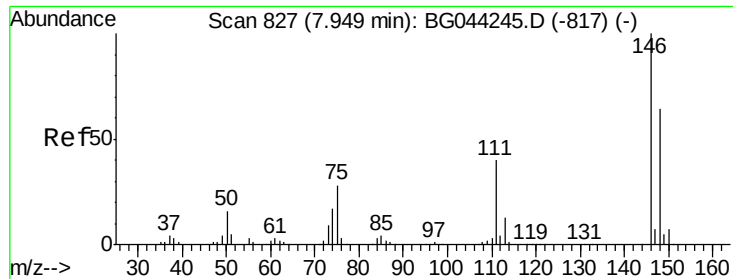
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.8	49.2	89.2
95	31.8	13.6	53.6



#12
 1,3-Dichlorobenzene
 Concen: 40.074 ng
 RT: 7.79 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	27.9	23.7	35.5

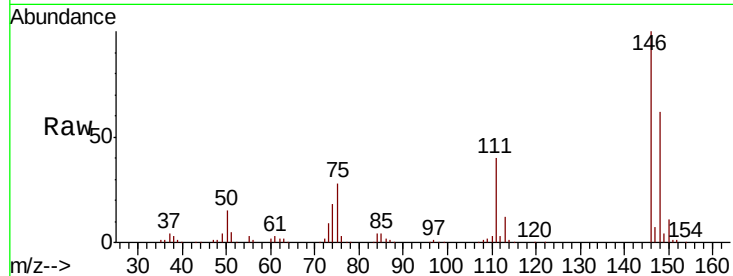




#13
 1,4-Dichlorobenzene
 Concen: 41.884 ng
 RT: 7.93 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.4	77.0
111	39.7	31.8	47.8

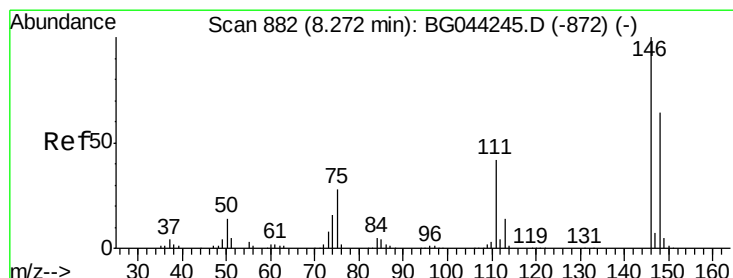
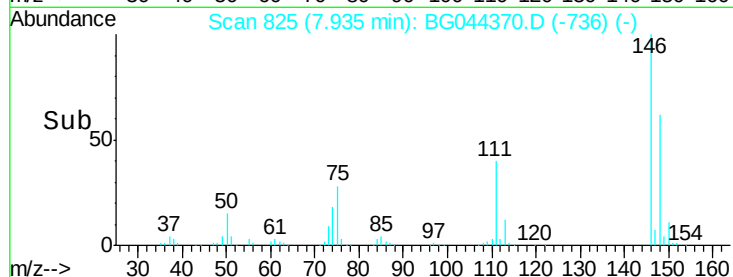
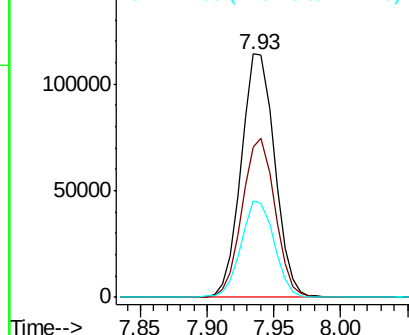


Abundance

Ion 146.00 (145.70 to 146.70): E

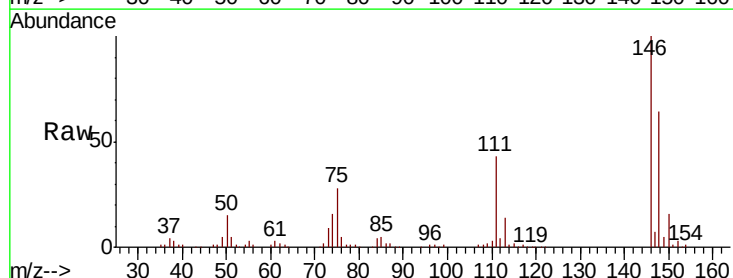
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.599 ng
 RT: 8.26 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
111	43.3	34.0	51.0

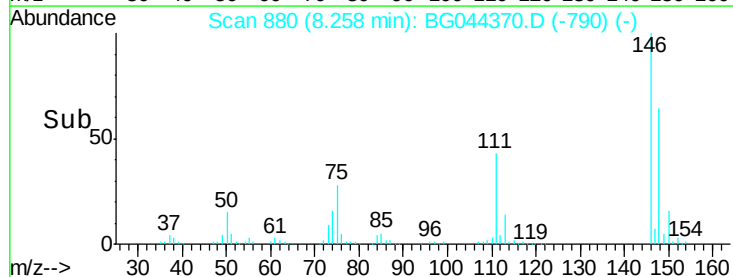
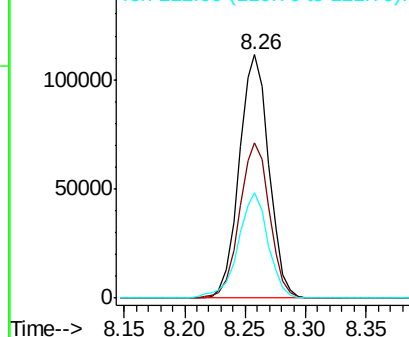


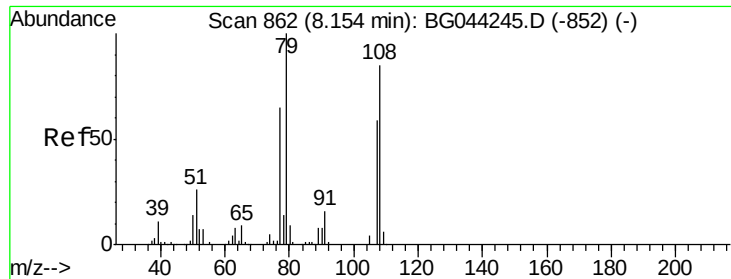
Abundance

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: 35.188 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampled :

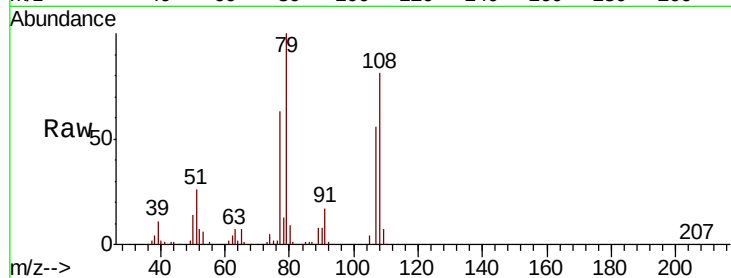
Tot Ion: 79 Resp: 121742

Ion Ratio Lower Upper

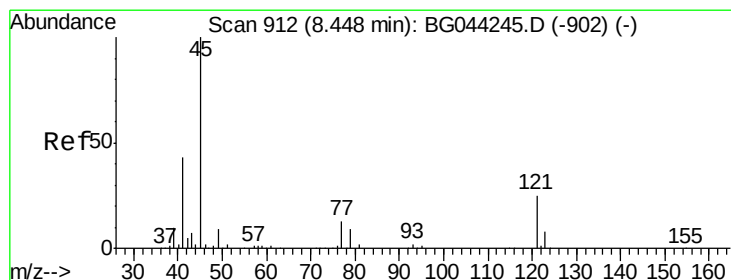
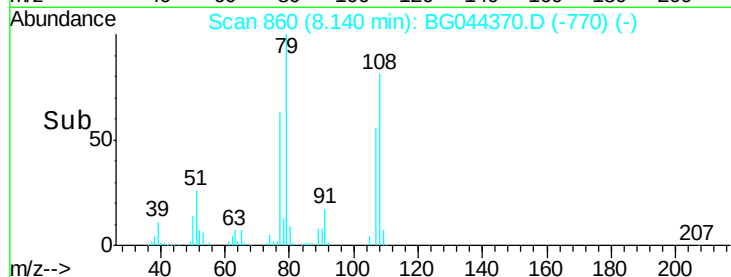
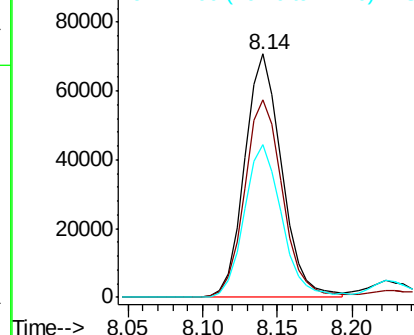
79 100

108 81.4 68.3 102.5

77 62.8 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.016 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

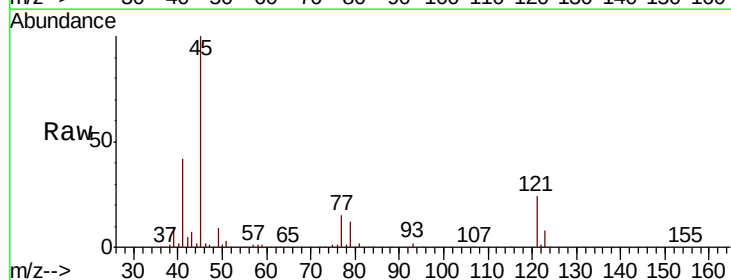
Tgt Ion: 45 Resp: 279903

Ion Ratio Lower Upper

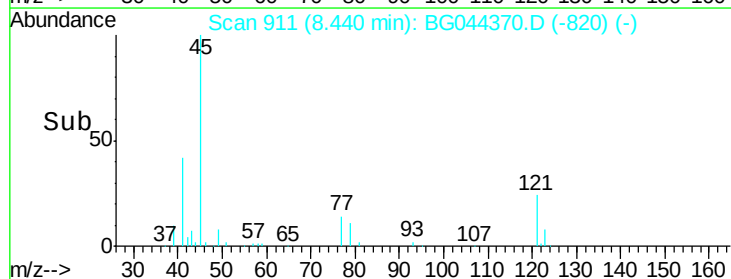
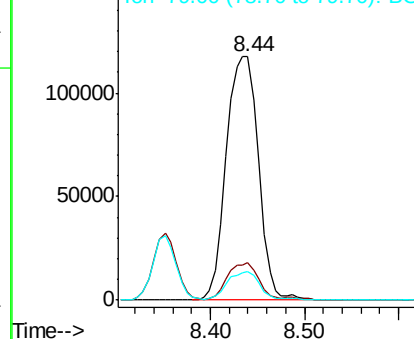
45 100

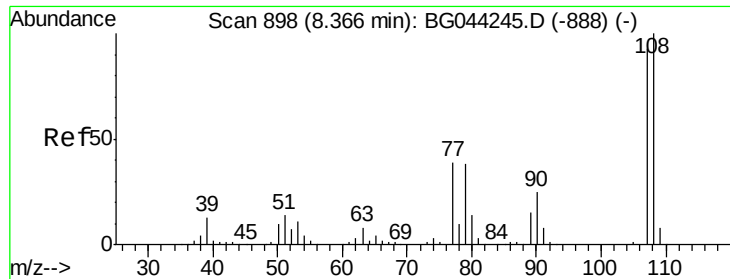
77 15.4 0.0 35.2

79 11.7 0.0 31.1



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

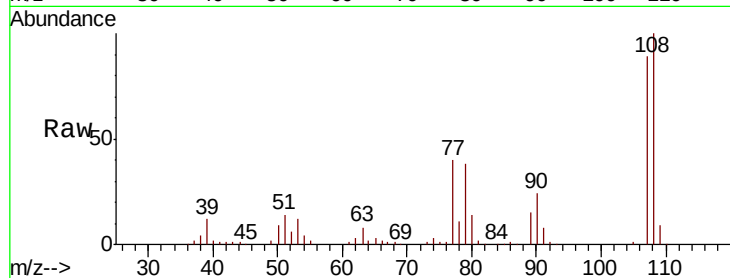




#17
2-Methylphenol
Concen: 37.312 ng
RT: 8.35 min Scan# 896
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	86.4	129.6
77	44.7	34.0	51.0
79	42.7	32.9	49.3



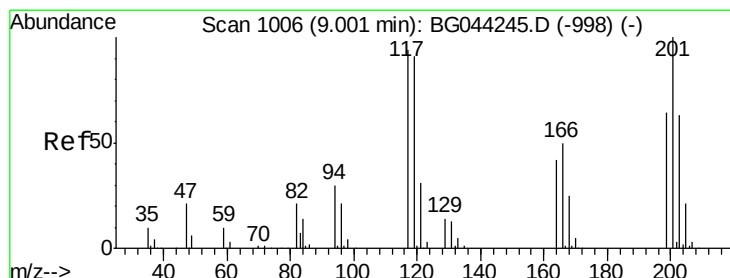
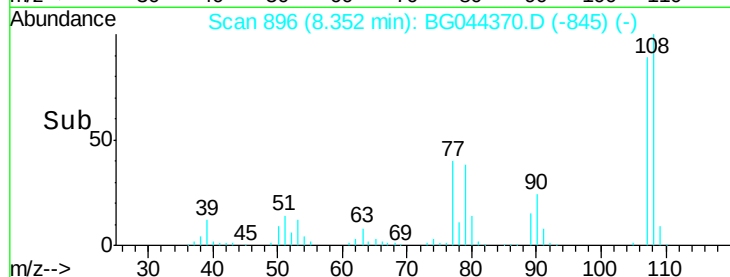
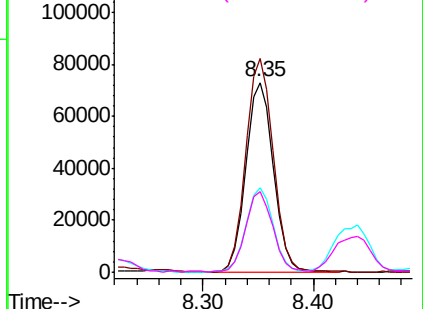
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

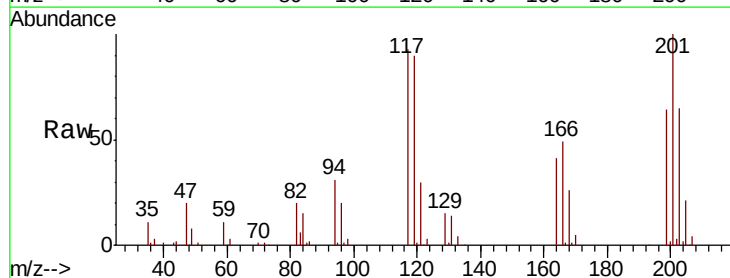
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.195 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.5	116.3
201	107.7	84.9	127.3

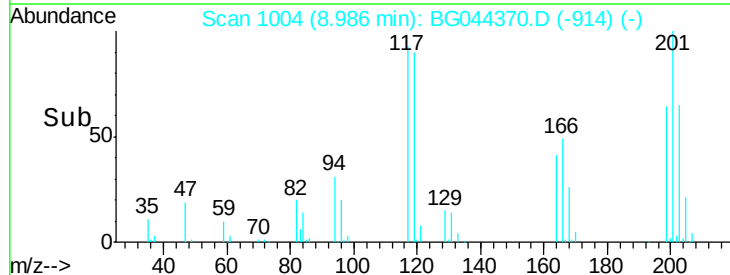
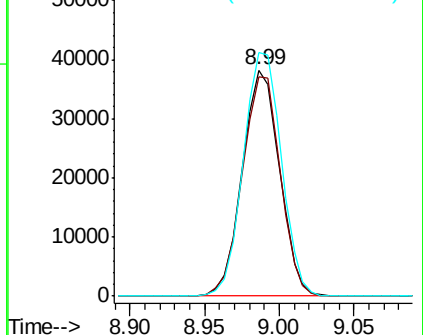


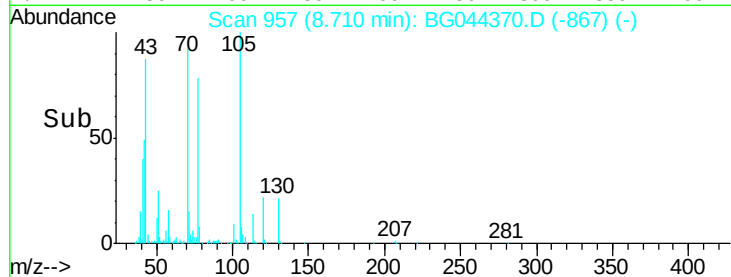
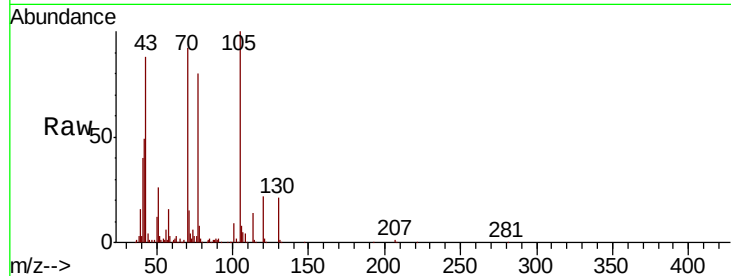
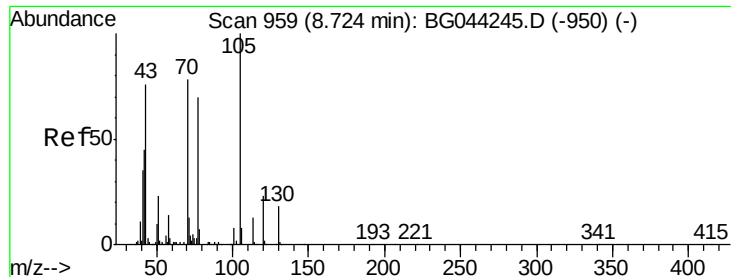
Abundance

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

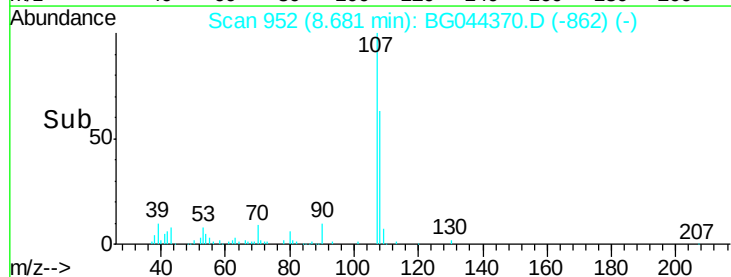
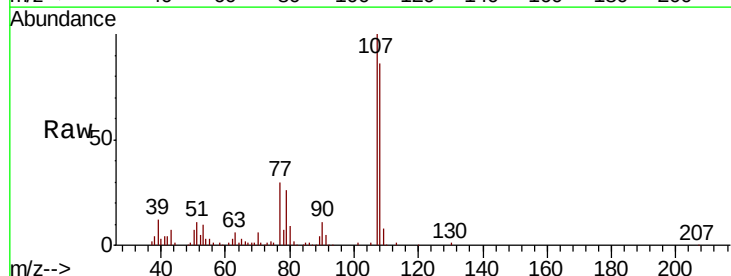
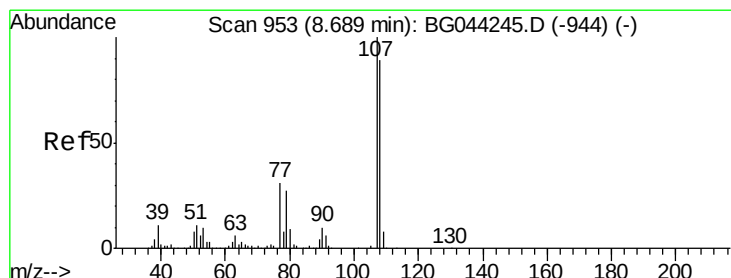
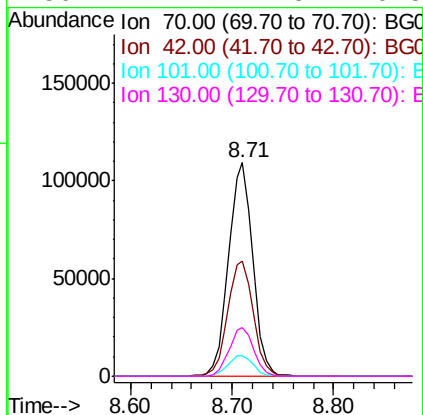




#19
n-Nitroso-di-n-propylamine
Concen: 55.378 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

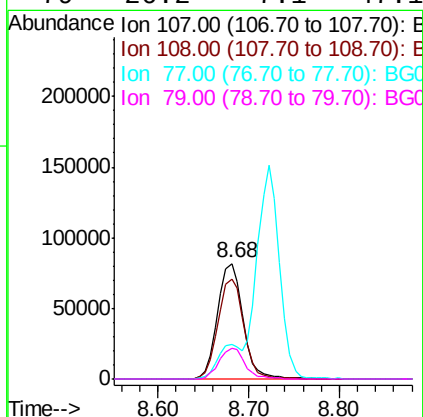
Instrument :
BNA_G
ClientSampleId :

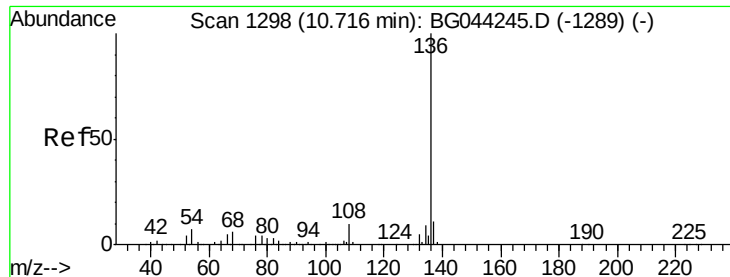
Tot Ion:	70	Resp:	180357
Ion	Ratio	Lower	Upper
70	100		
42	54.0	46.2	69.2
101	9.3	8.4	12.6
130	22.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 33.524 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:	107	Resp:	159423
Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.5	108.5
77	30.0	10.9	50.9
79	26.2	7.1	47.1

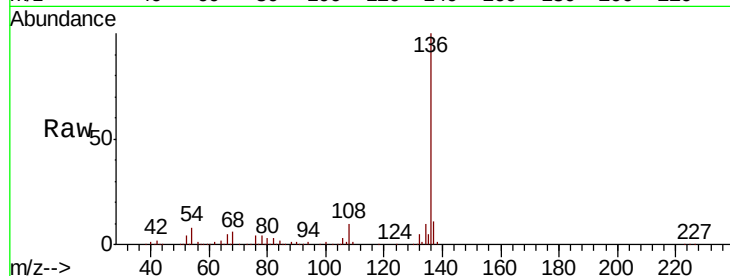




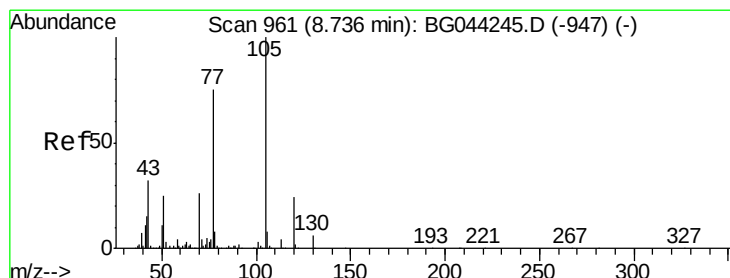
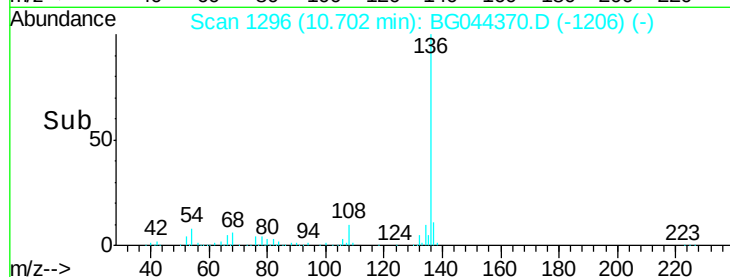
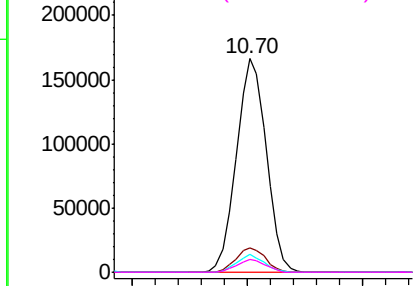
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	297605
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	8.4	5.8 8.8
68	5.7	4.6 6.8

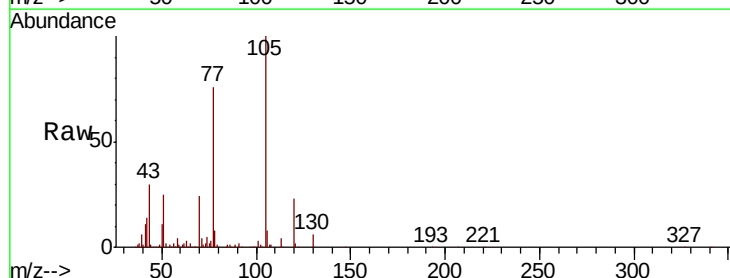


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

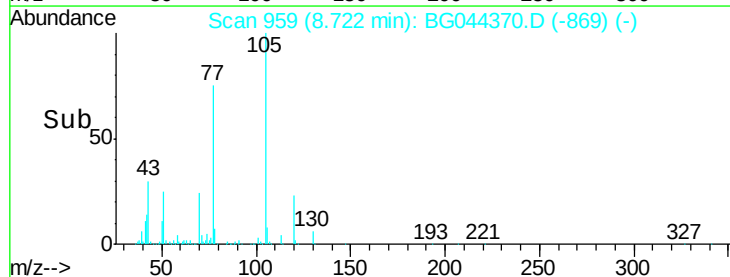
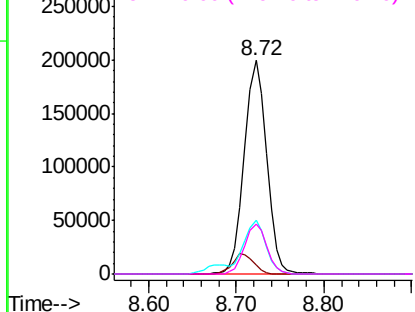


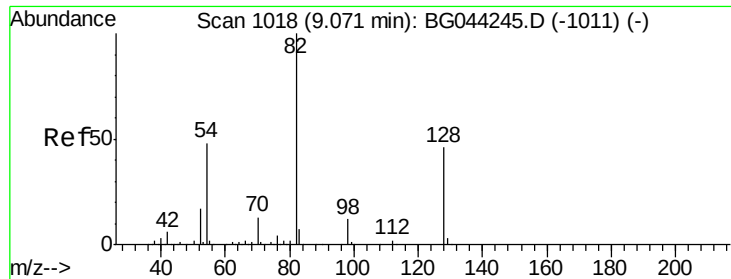
#22
Acetophenone
Concen: 47.363 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:105	Resp:	342897
Ion Ratio	Lower	Upper
105	100	
71	4.0	3.4 5.0
51	25.0	20.2 30.4
120	23.3	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

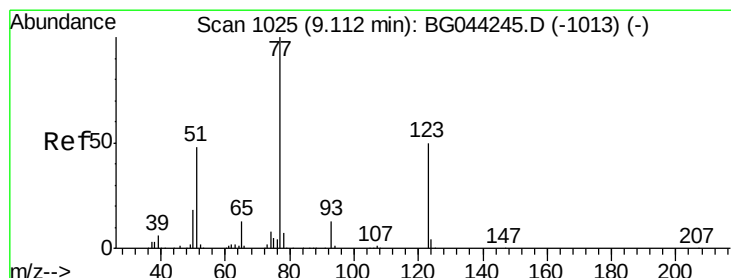
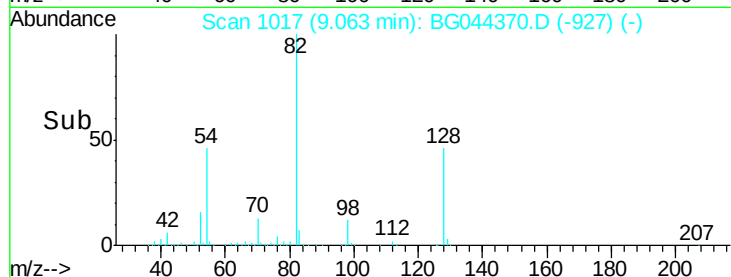
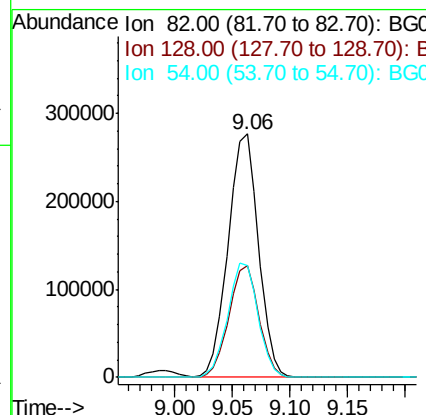
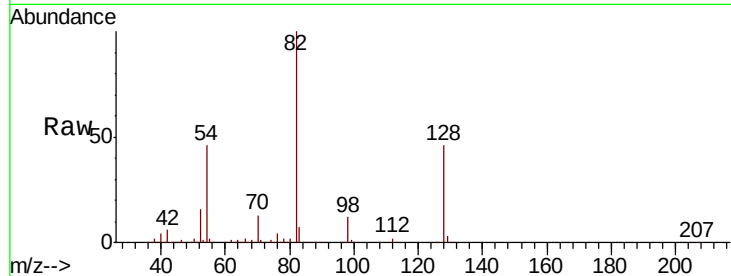




#23
 Nitrobenzene-d5
 Concen: 95.521 ng
 RT: 9.06 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

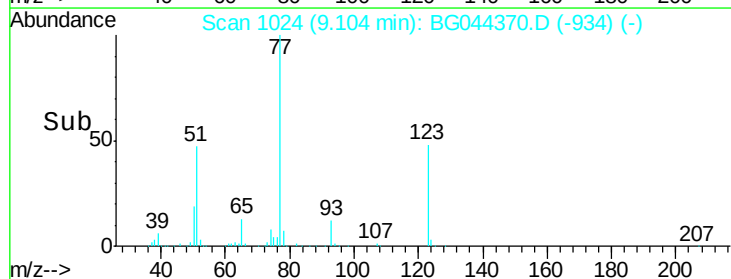
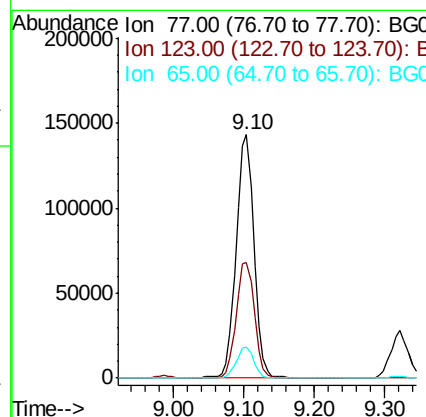
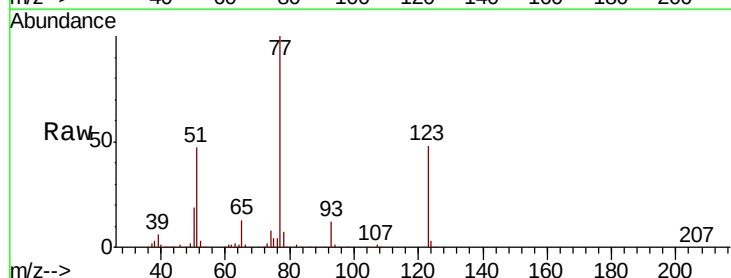
Instrument :
 BNA_G
 ClientSampleId :

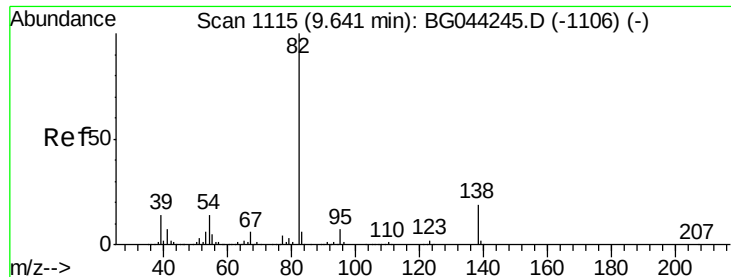
Tot Ion	82	Resp	503532
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.5	54.7
54	46.1	38.6	58.0



#24
 Nitrobenzene
 Concen: 48.917 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	77	Resp	251736
Ion Ratio	Lower	Upper	
77	100		
123	47.6	39.9	59.9
65	12.7	10.4	15.6





#25

Isophorone

Concen: 52.213 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

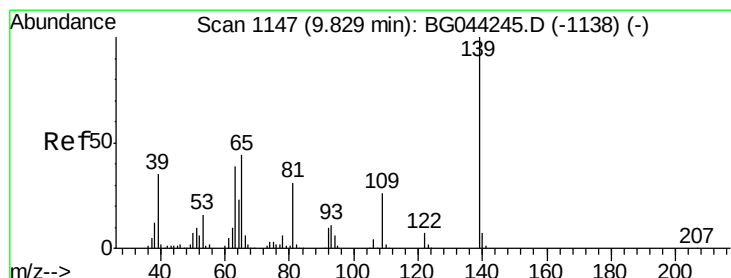
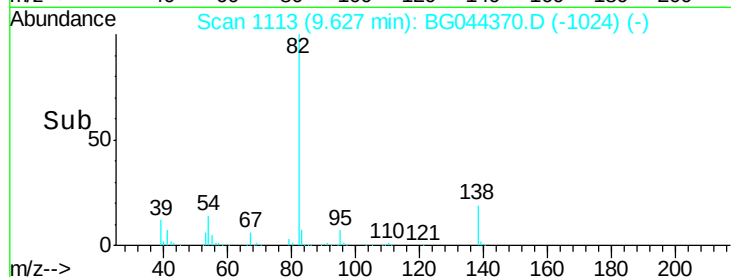
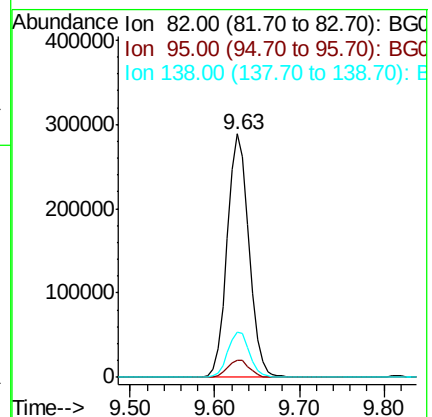
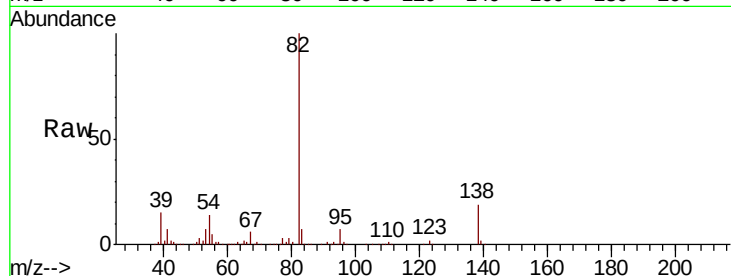
Tot Ion: 82 Resp: 513004

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 18.7 15.0 22.4



#26

2-Nitrophenol

Concen: 49.365 ng

RT: 9.81 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

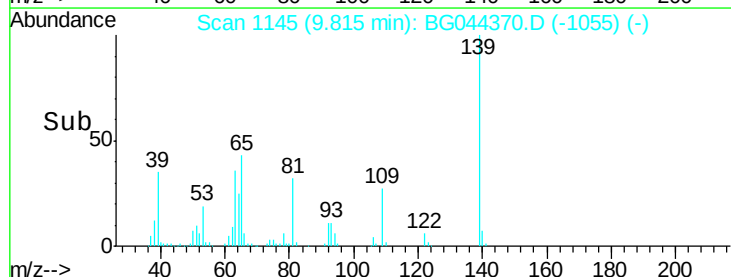
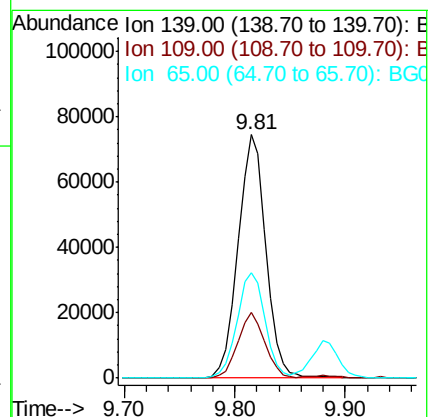
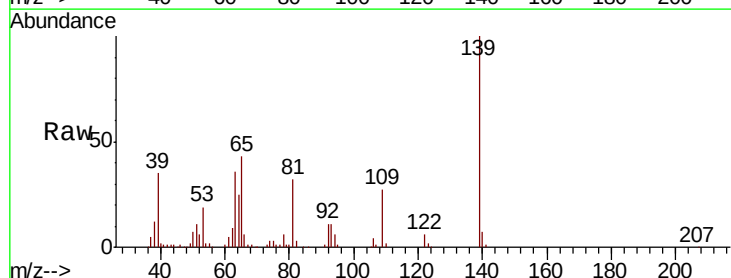
Tgt Ion: 139 Resp: 131819

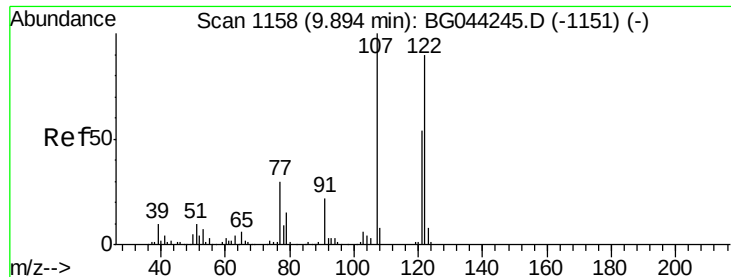
Ion Ratio Lower Upper

139 100

109 27.2 21.0 31.4

65 43.1 35.0 52.4

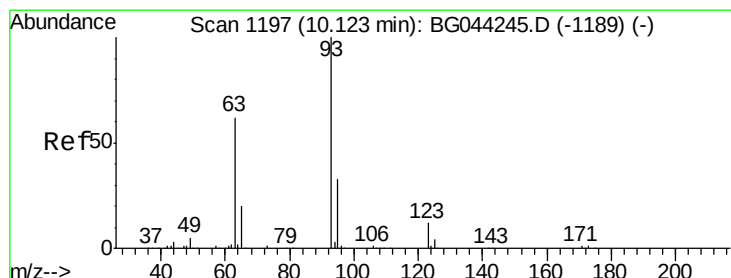
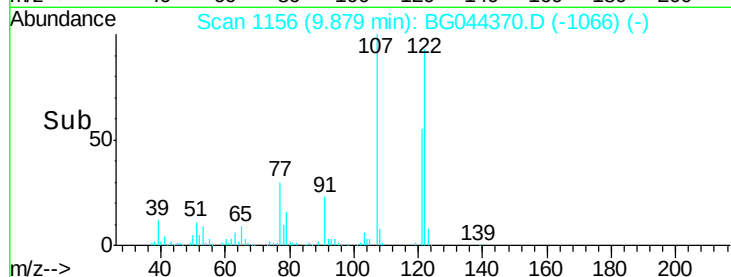
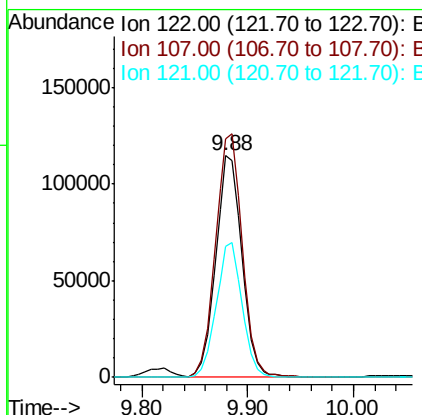
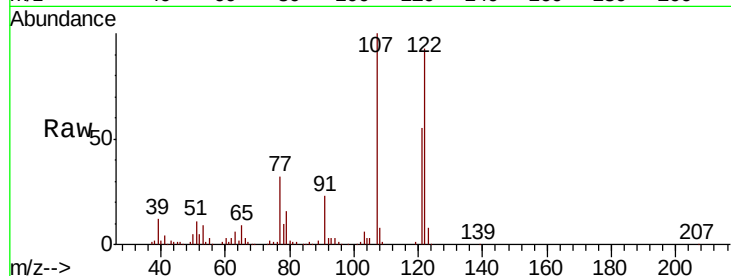




#27
 2,4-Dimethylphenol
 Concen: 52.719 ng
 RT: 9.88 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

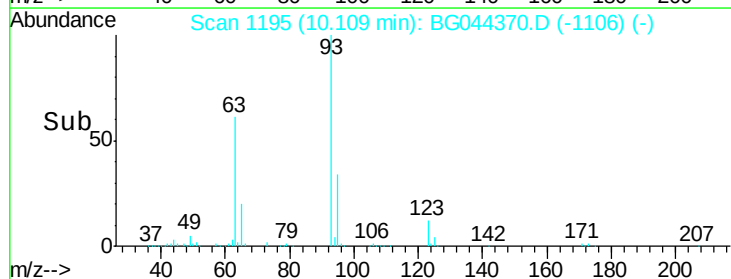
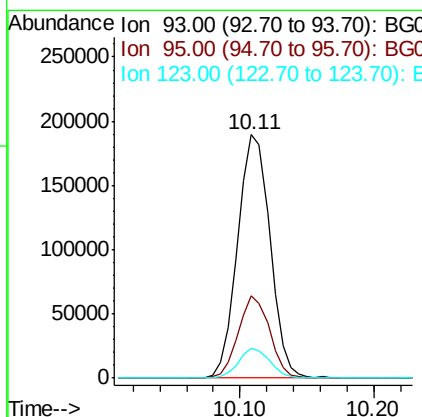
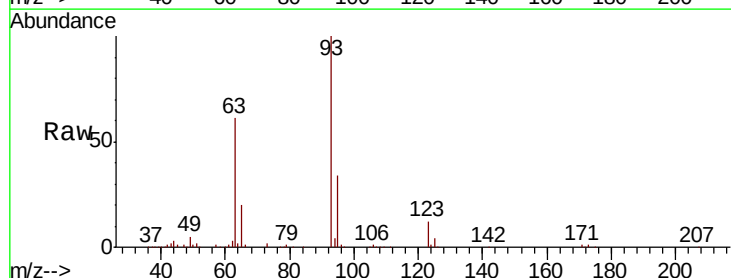
Instrument :
 BNA_G
 ClientSampleId :

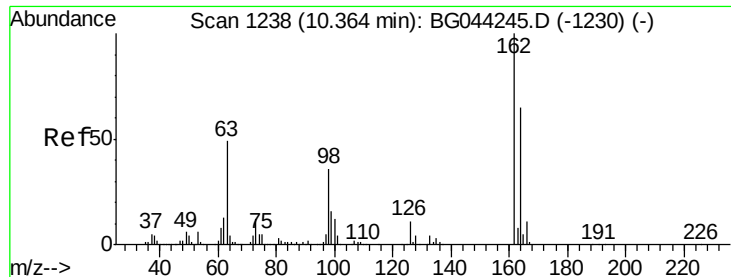
Tot Ion	Ratio	Lower	Upper
122	100		
107	107.6	88.8	133.2
121	59.1	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.791 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	40.0
123	12.4	10.0	15.0





#29

2,4-Dichlorophenol

Concen: 49.234 ng

RT: 10.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

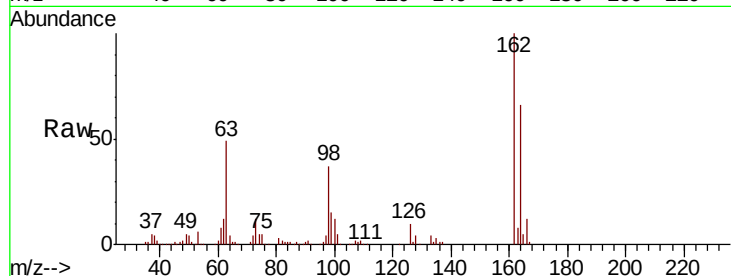
Tot Ion:162 Resp: 224401

Ion Ratio Lower Upper

162 100

164 66.5 44.7 84.7

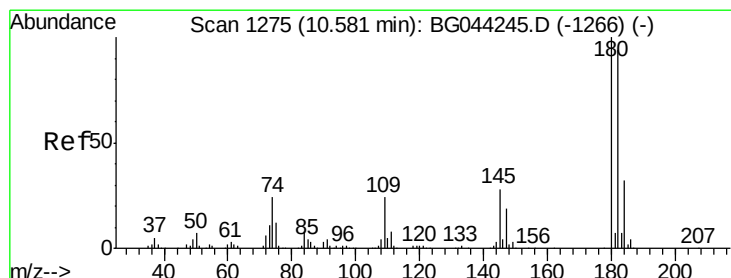
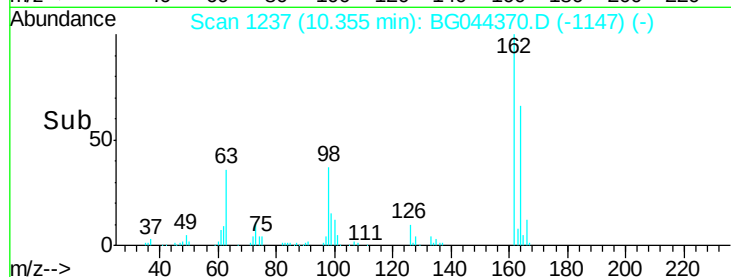
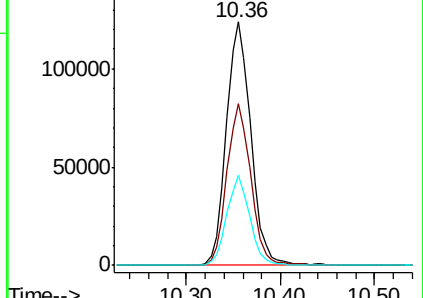
98 36.9 15.8 55.8



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



#30

1,2,4-Trichlorobenzene

Concen: 40.310 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

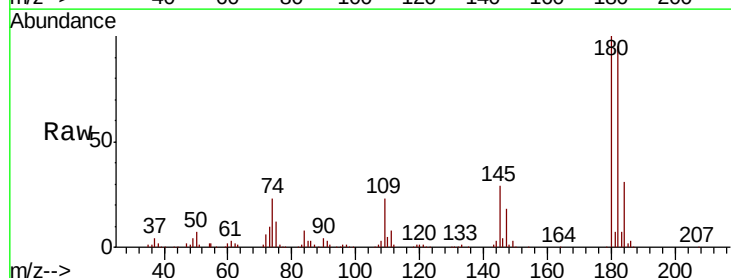
Tgt Ion:180 Resp: 210672

Ion Ratio Lower Upper

180 100

182 94.5 75.5 113.3

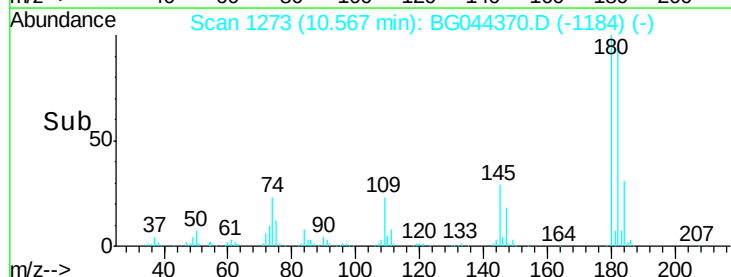
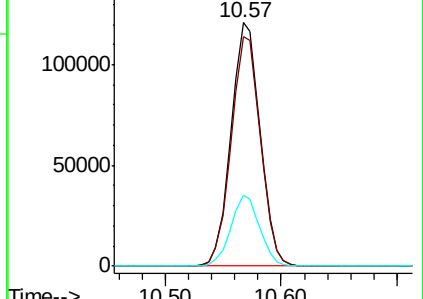
145 29.1 22.6 34.0

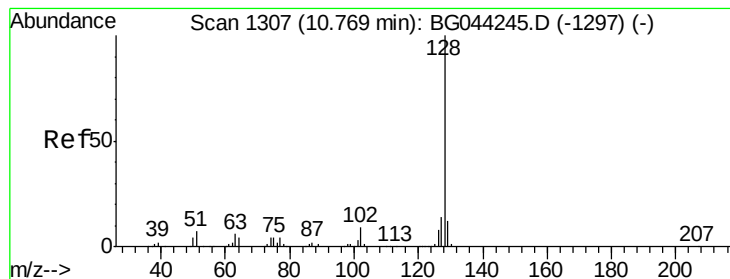


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

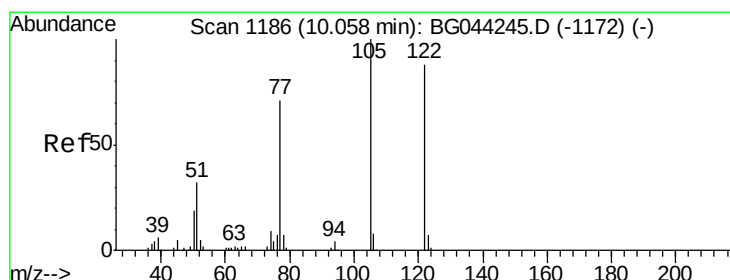
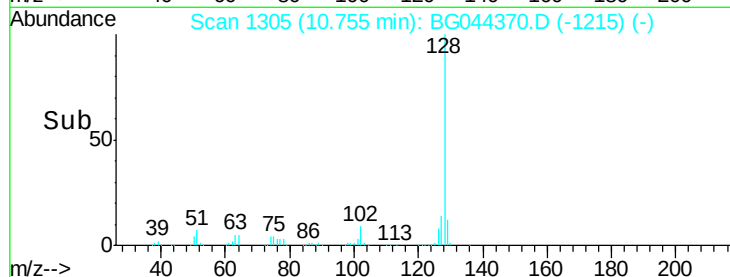
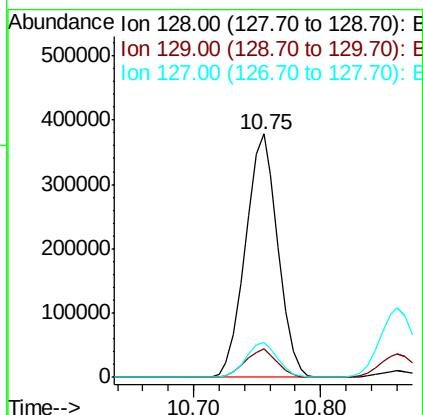
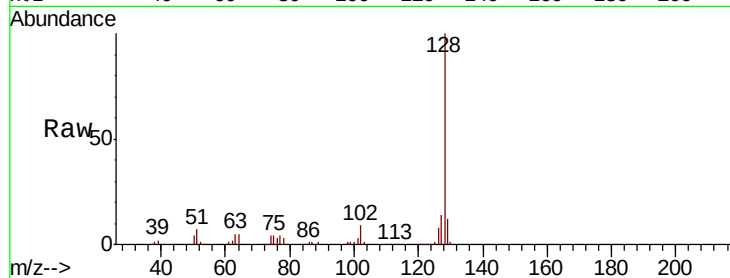




#31
Naphthalene
Concen: 46.269 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

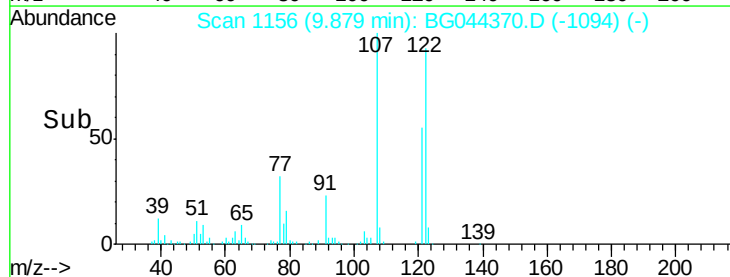
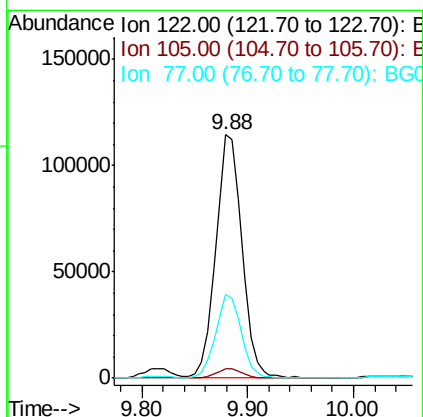
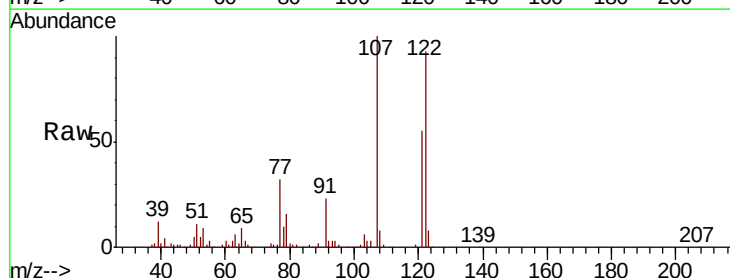
Instrument :
BNA_G
ClientSampleId :

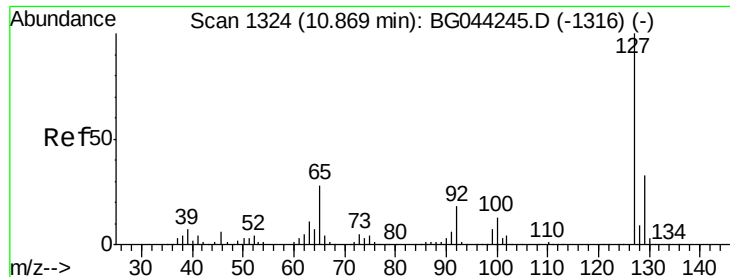
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.3	11.6	17.4



#32
Benzoic acid
Concen: 70.578 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.16 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.7	93.5	133.5#
77	34.2	61.0	101.0#

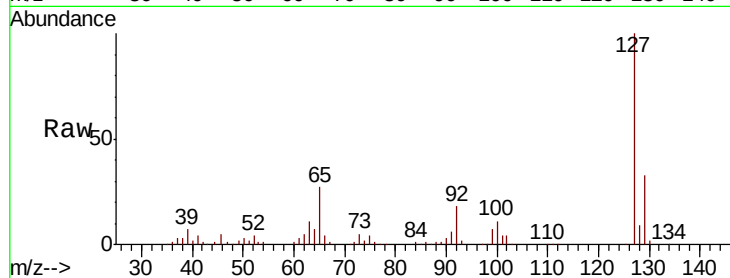




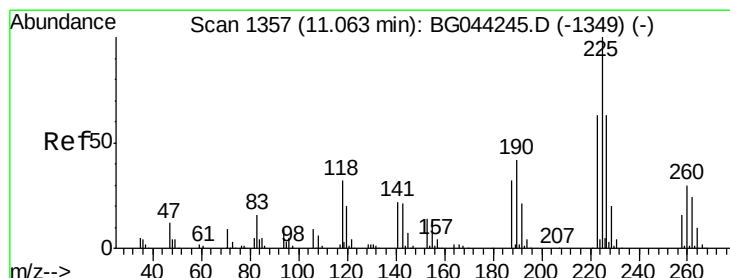
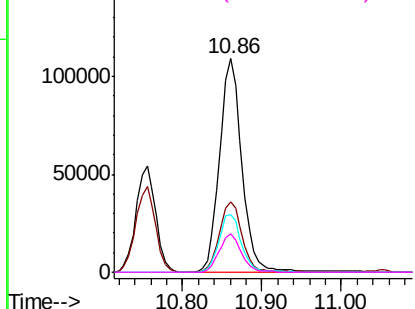
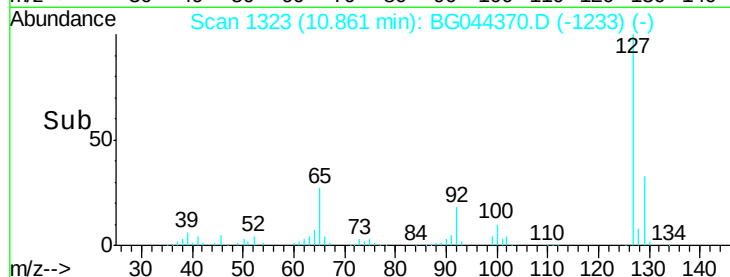
#33
4-Chloroaniline
Concen: 32.457 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	213139
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	40.0
65	26.8	22.5	33.7
92	18.1	14.1	21.1

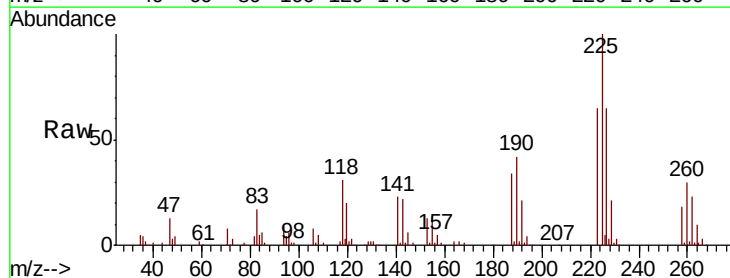


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

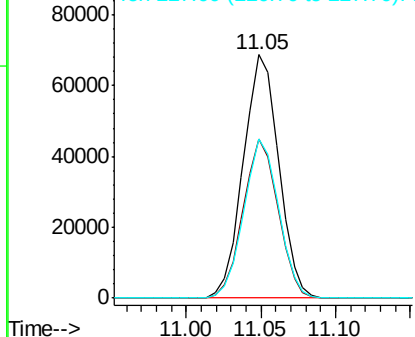
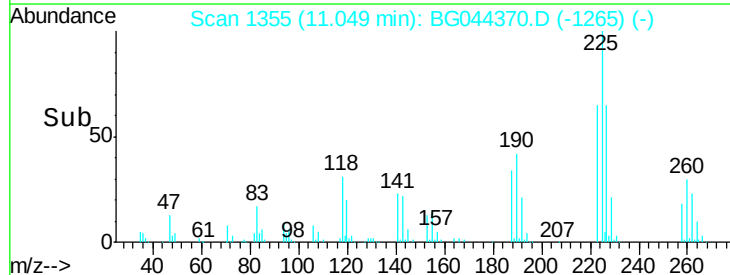


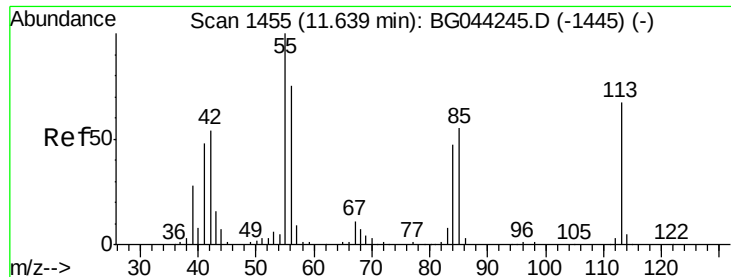
#34
Hexachlorobutadiene
Concen: 35.158 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:	225	Resp:	113062
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.2	75.4
227	65.5	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: 5.260 ng

RT: 11.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampled :

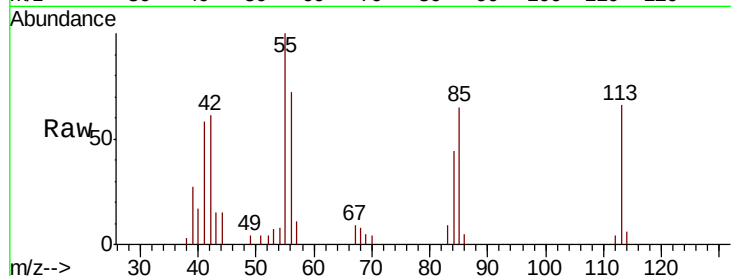
Tot Ion:113 Resp: 8782

Ion Ratio Lower Upper

113 100

55 150.9 129.9 169.9

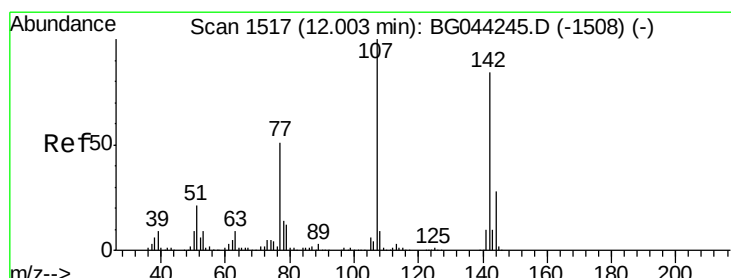
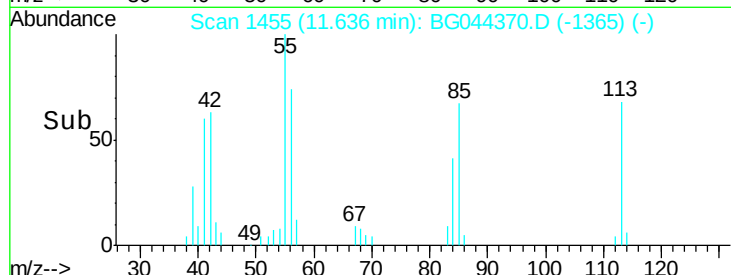
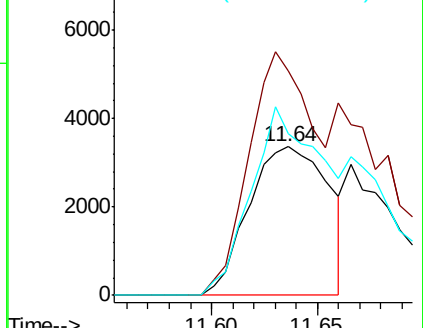
56 108.7 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.787 ng

RT: 11.99 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

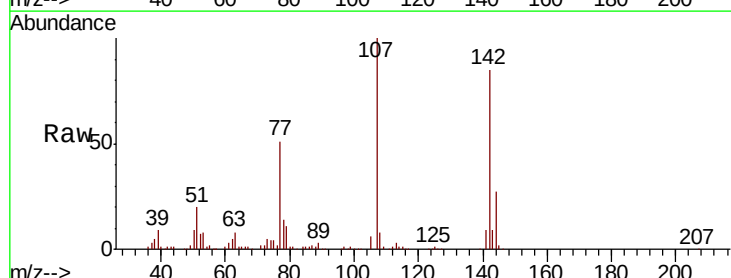
Tgt Ion:107 Resp: 233140

Ion Ratio Lower Upper

107 100

144 26.9 22.2 33.4

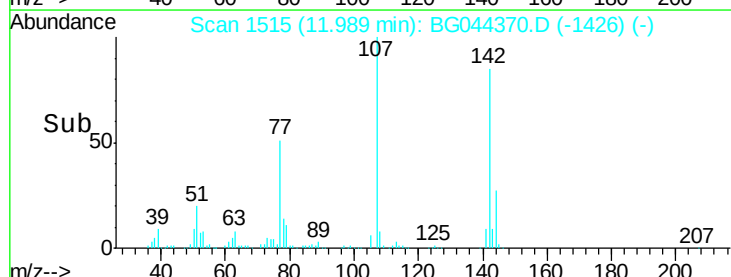
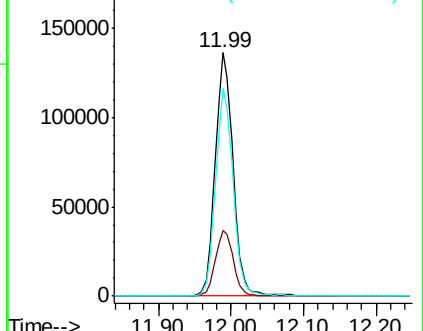
142 85.4 67.4 101.0

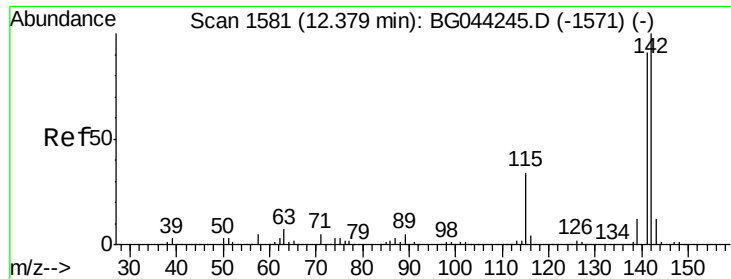


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

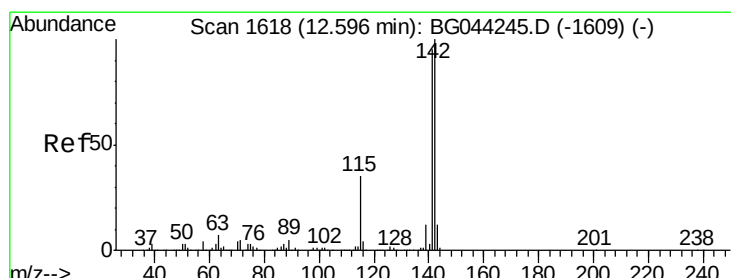
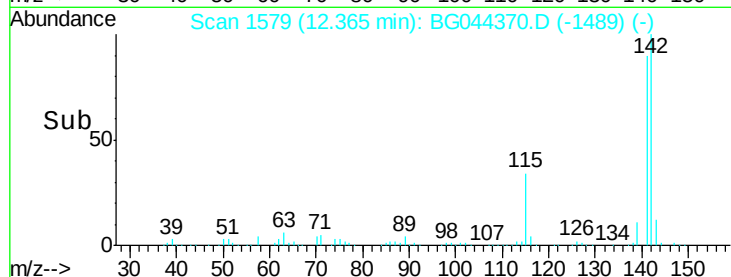
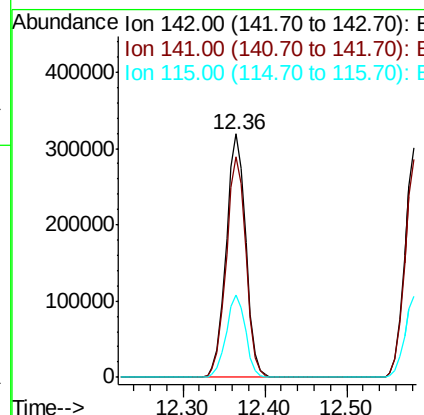
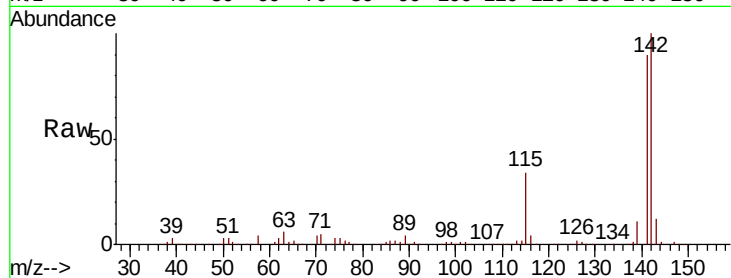




#37
 2-Methylnaphthalene
 Concen: 49.668 ng
 RT: 12.36 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

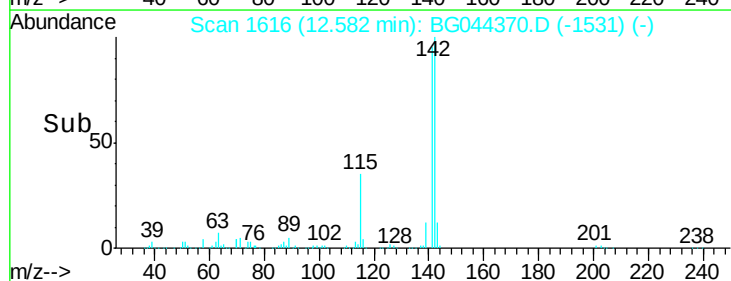
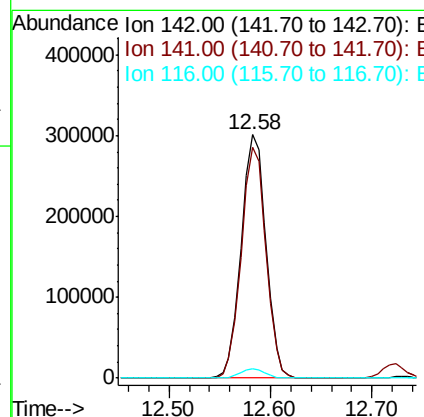
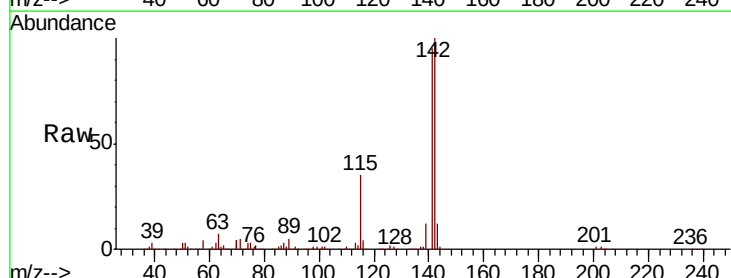
Instrument :
 BNA_G
 ClientSampleId :

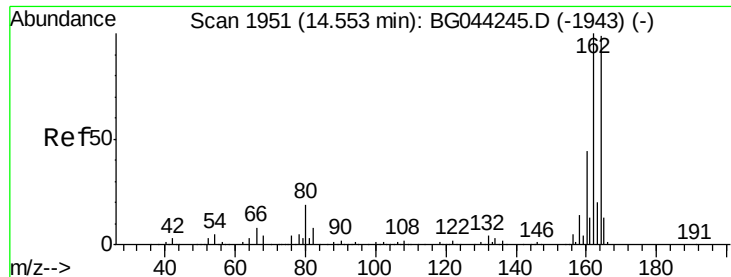
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.2	109.8
115	34.0	27.1	40.7



#38
 1-Methylnaphthalene
 Concen: 50.556 ng
 RT: 12.58 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.8	113.6
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

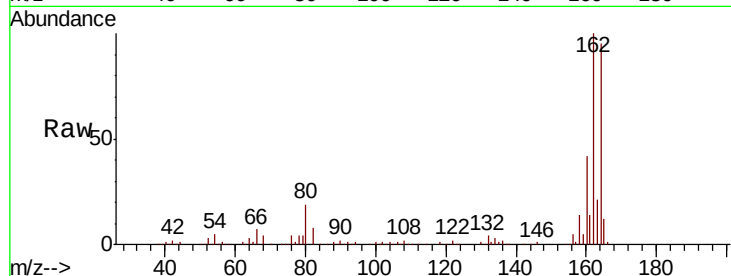
Tot Ion:164 Resp: 214566

Ion Ratio Lower Upper

164 100

162 105.8 80.7 121.1

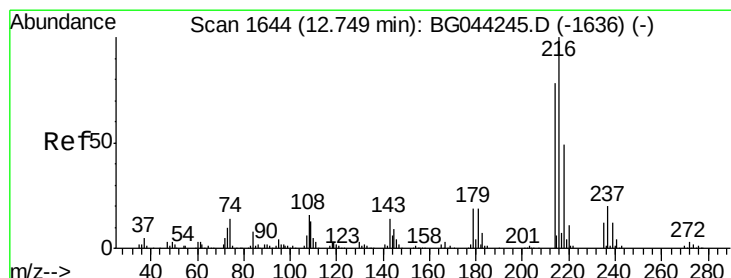
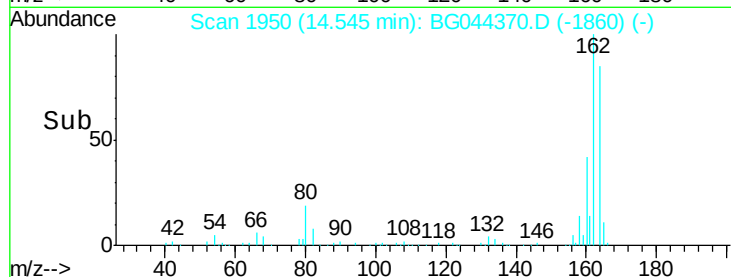
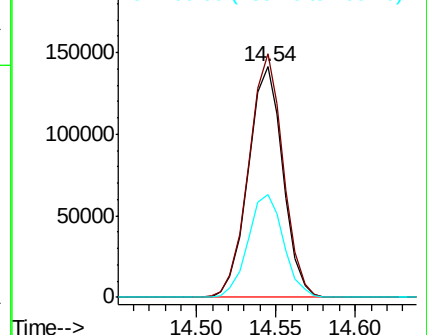
160 44.6 35.3 52.9



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: 41.450 ng

RT: 12.73 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Tgt Ion:216 Resp: 266041

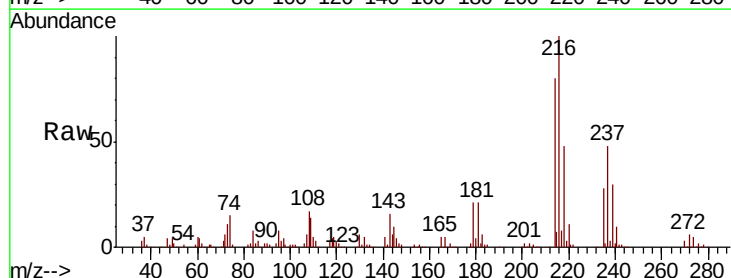
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.6

179 20.8 16.2 24.4

108 18.2 13.5 20.3

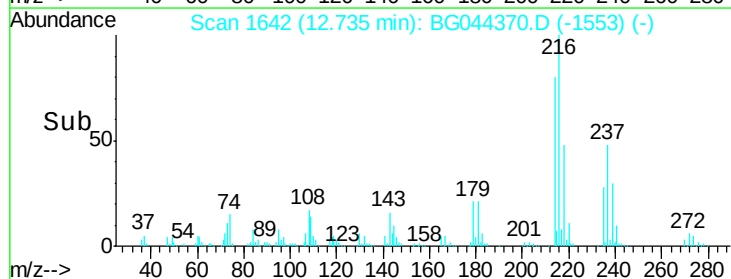
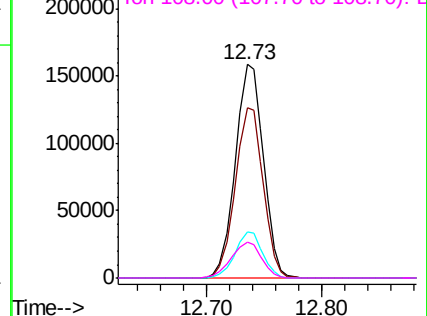


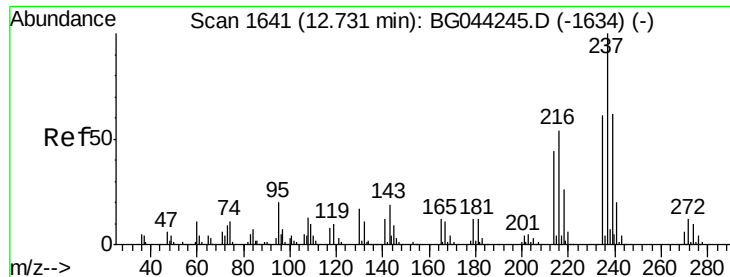
Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.693 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

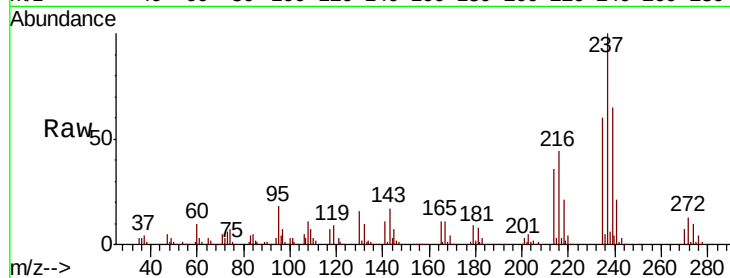
Tot Ion:237 Resp: 248512

Ion Ratio Lower Upper

237 100

235 59.9 41.2 81.2

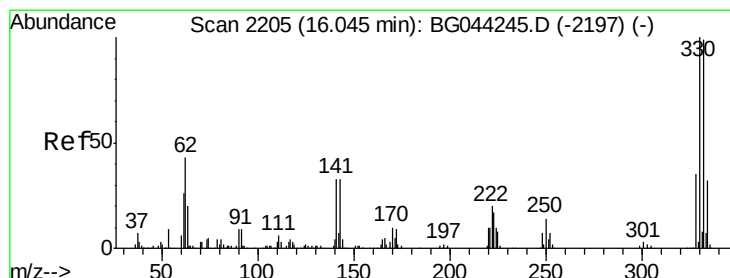
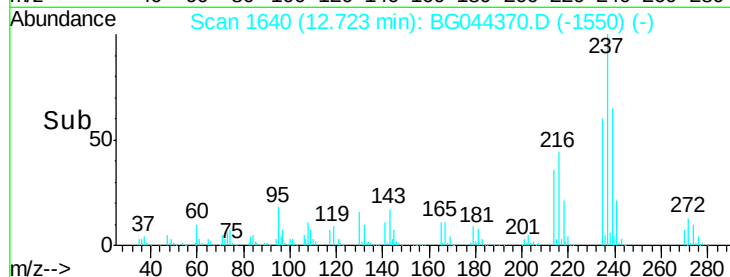
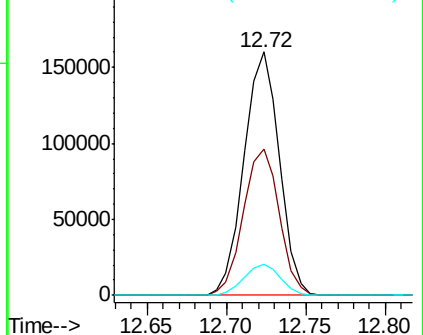
272 12.7 0.0 32.4



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: 104.569 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

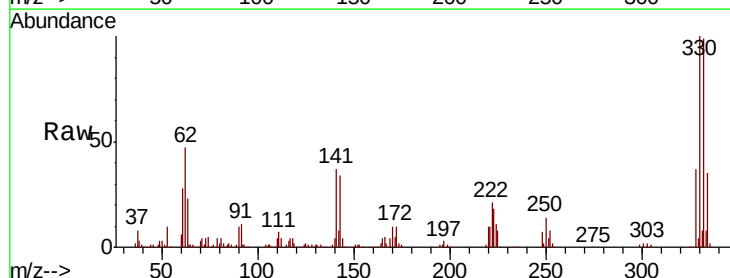
Tgt Ion:330 Resp: 263396

Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

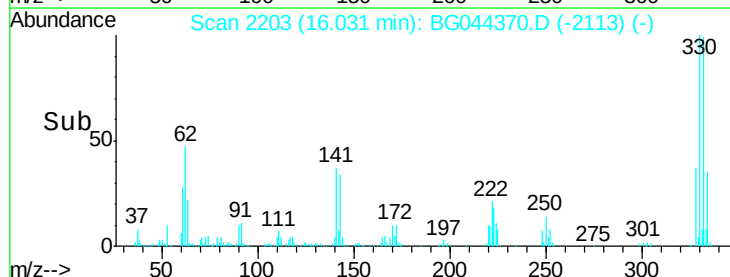
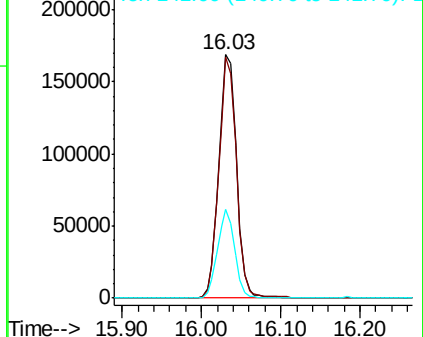
141 35.1 28.3 42.5

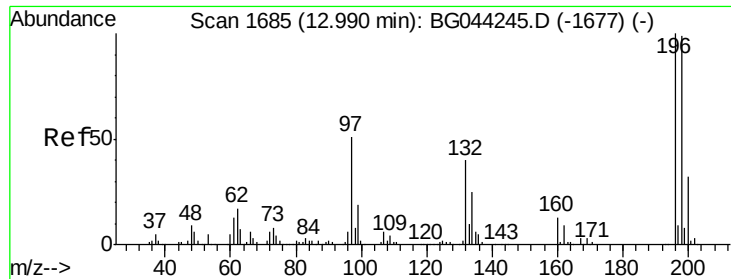


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

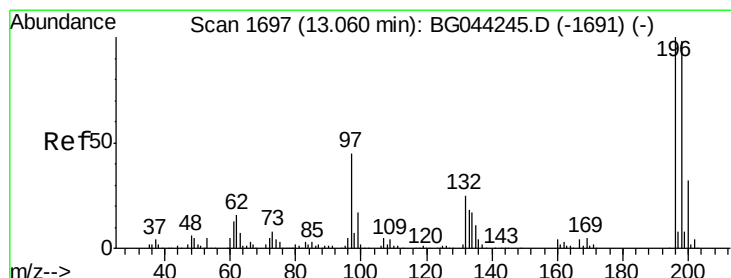
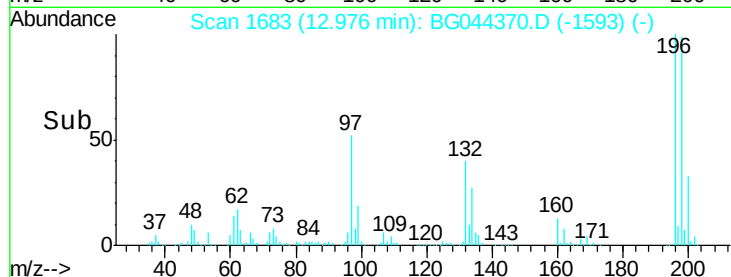
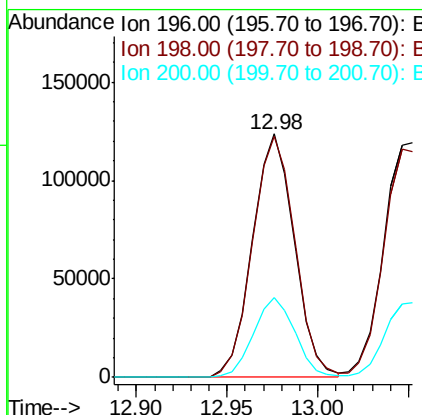
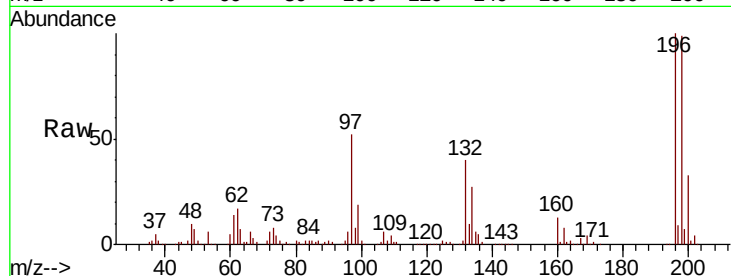




#43
 2,4,6-Trichlorophenol
 Concen: 47.841 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

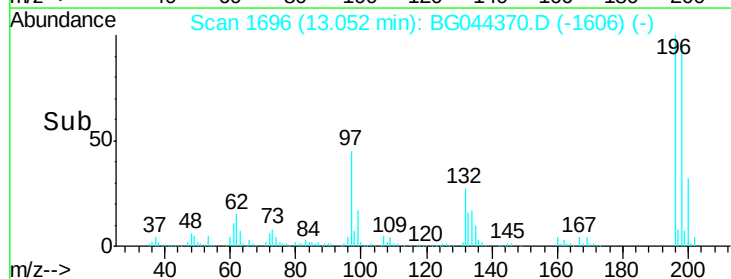
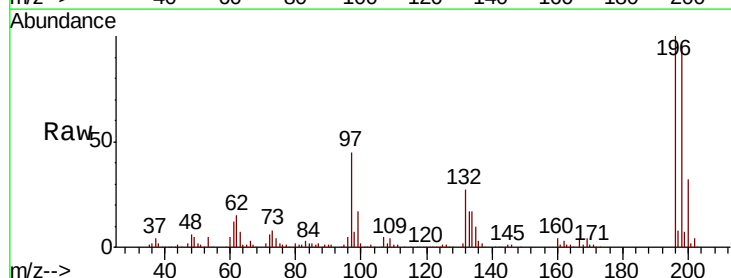
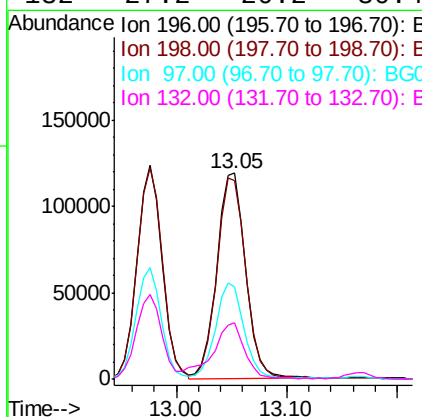
Instrument :
 BNA_G
 ClientSampleId :

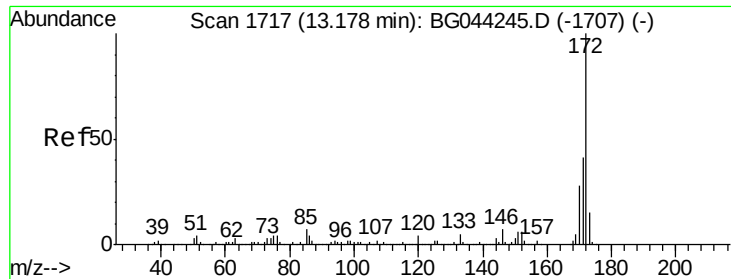
Tot Ion	196	Resp	198477
Ion Ratio	Lower	Upper	
196	100		
198	98.9	79.3	118.9
200	32.7	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 50.902 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	196	Resp	215694
Ion Ratio	Lower	Upper	
196	100		
198	96.3	78.2	117.2
97	44.5	36.2	54.4
132	27.2	20.2	30.4

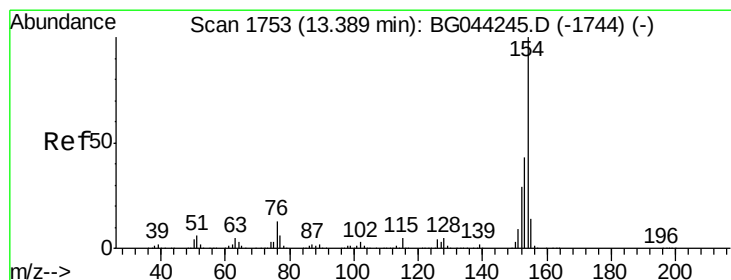
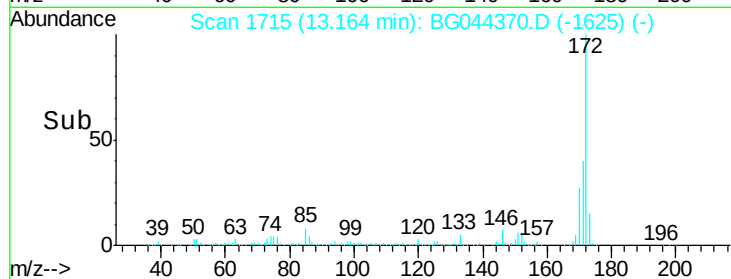
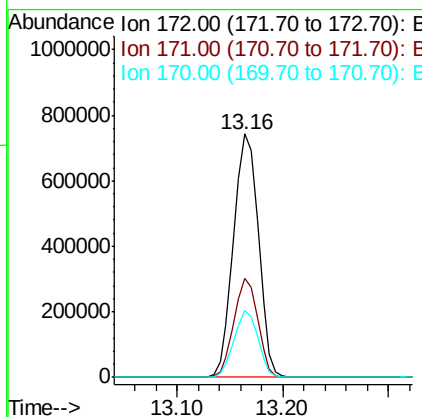
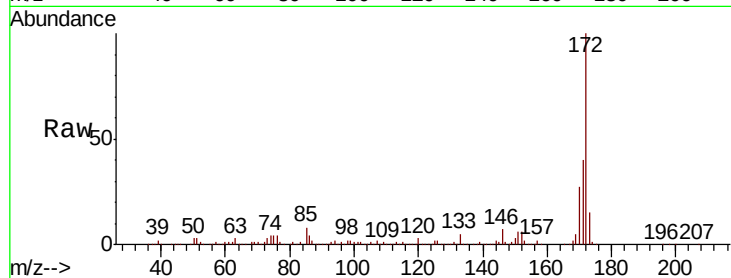




#45
2-Fluorobiphenyl
Concen: 94.137 ng
RT: 13.16 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

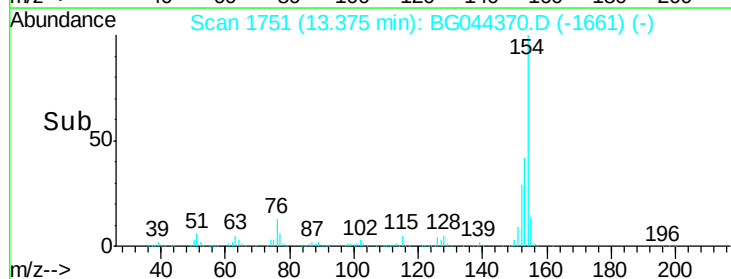
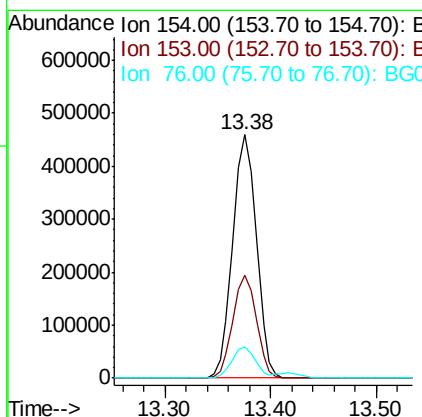
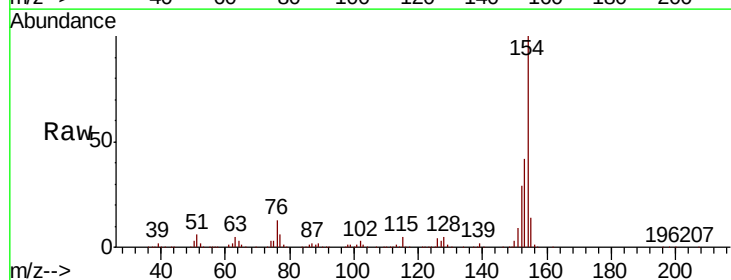
Instrument :
BNA_G
ClientSampled :

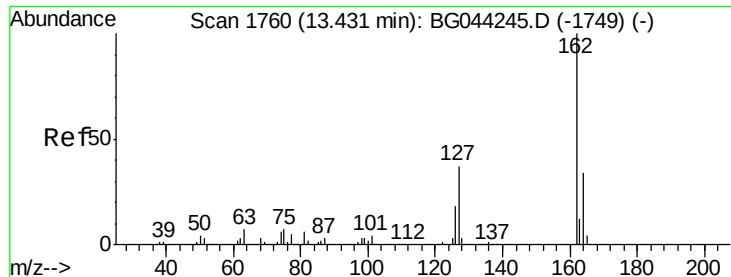
Tot Ion:172 Resp: 1206212
Ion Ratio Lower Upper
172 100
171 40.4 32.9 49.3
170 27.3 22.0 33.0



#46
1,1'-Biphenyl
Concen: 46.001 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:154 Resp: 711954
Ion Ratio Lower Upper
154 100
153 42.0 22.7 62.7
76 12.6 0.0 32.9

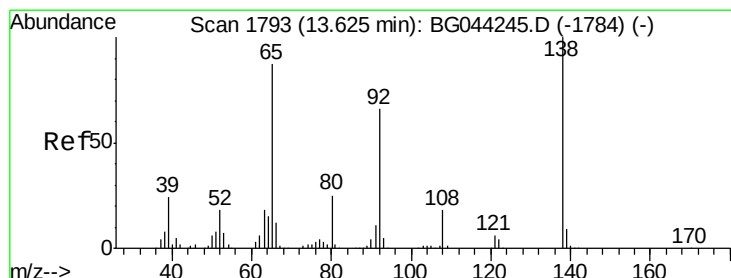
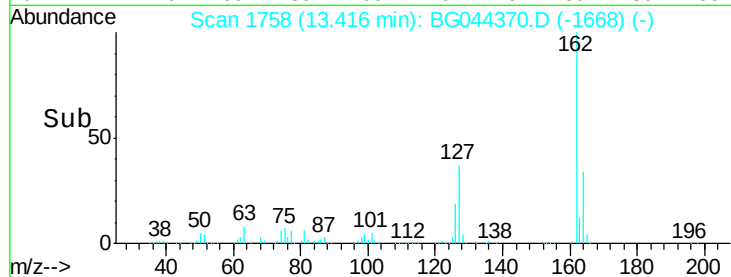
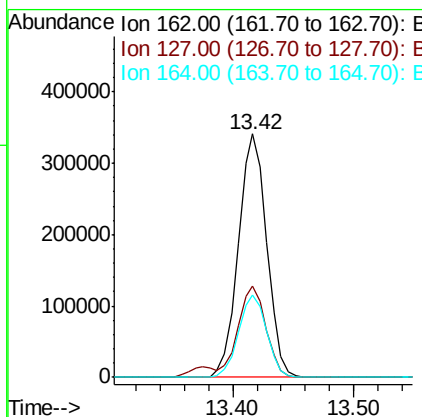
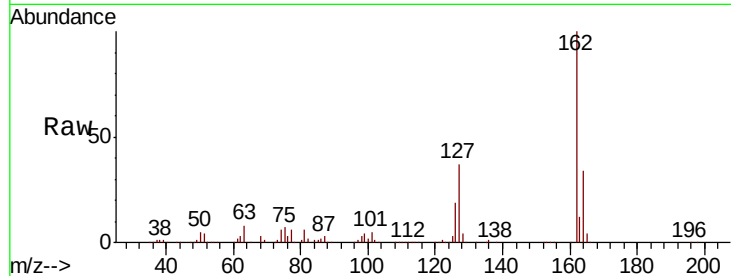




#47
2-Chloronaphthalene
Concen: 45.133 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

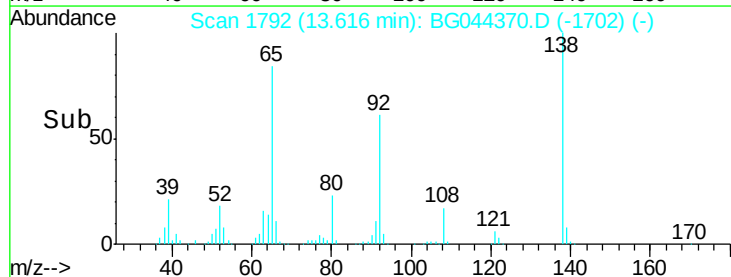
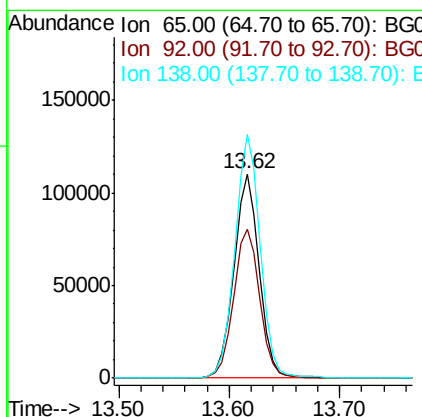
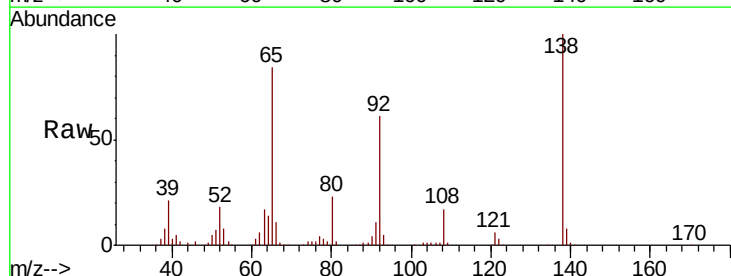
Instrument :
BNA_G
ClientSampleId :

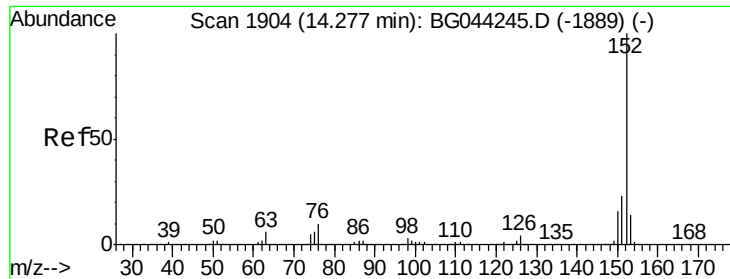
Tot Ion:162 Resp: 555847
Ion Ratio Lower Upper
162 100
127 37.3 30.0 45.0
164 34.1 27.2 40.8



#48
2-Nitroaniline
Concen: 48.875 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion: 65 Resp: 177640
Ion Ratio Lower Upper
65 100
92 73.2 60.3 90.5
138 119.3 91.9 137.9





#49

Acenaphthylene

Concen: 50.628 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

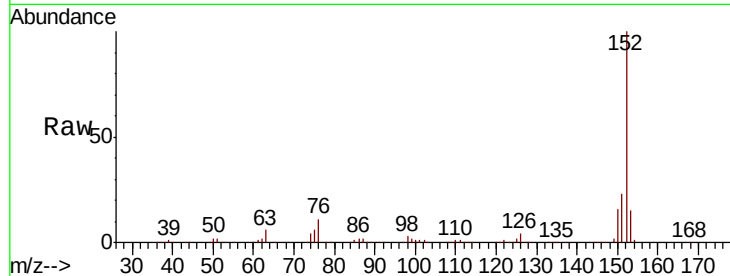
Tot Ion:152 Resp: 914540

Ion Ratio Lower Upper

152 100

151 22.5 18.1 27.1

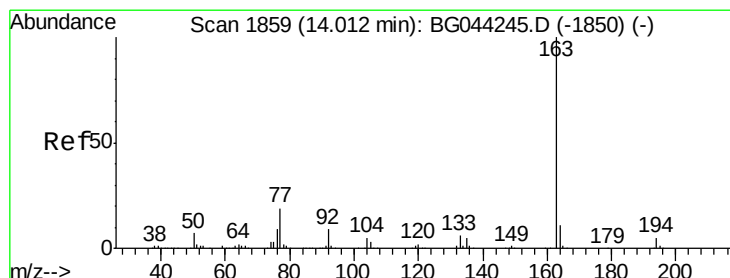
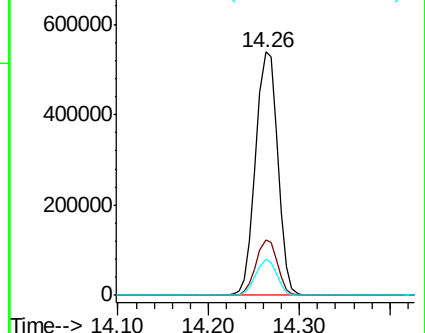
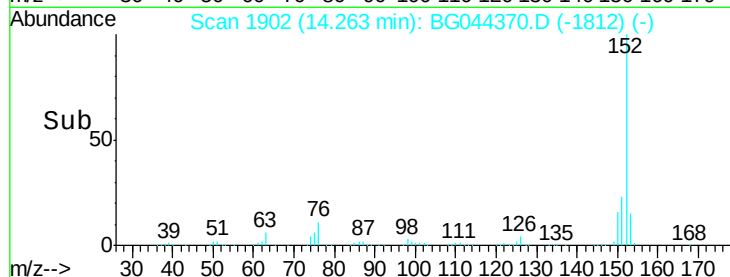
153 14.8 11.5 17.3



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: 50.612 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

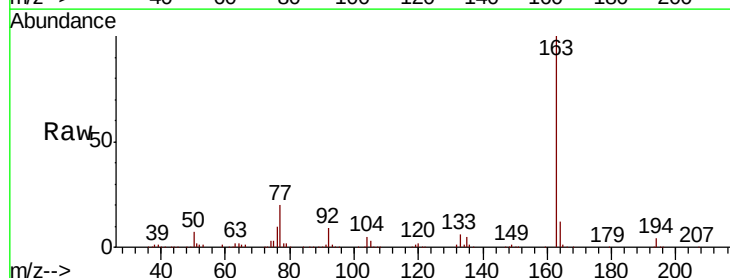
Tgt Ion:163 Resp: 780624

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

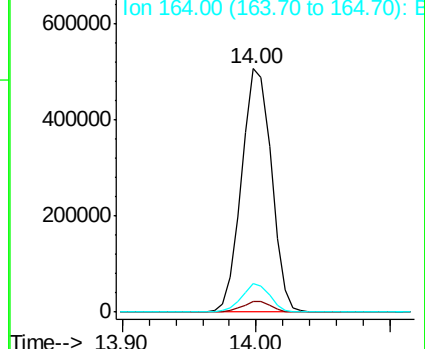
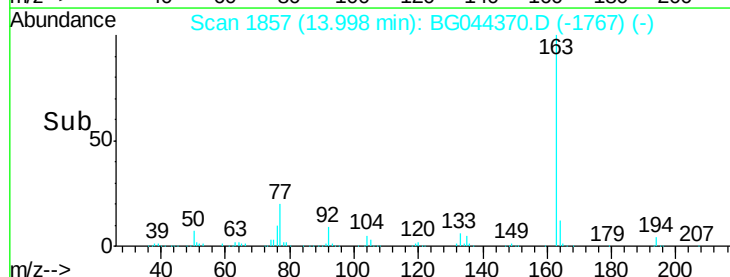
164 11.6 8.7 13.1

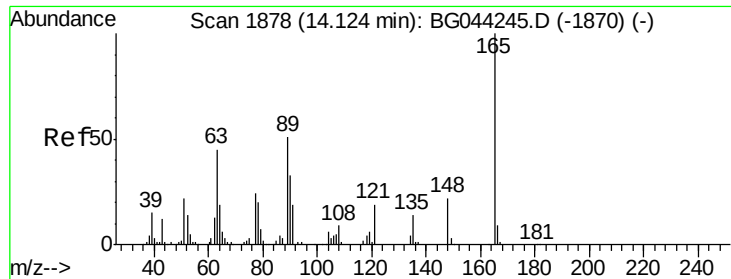


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

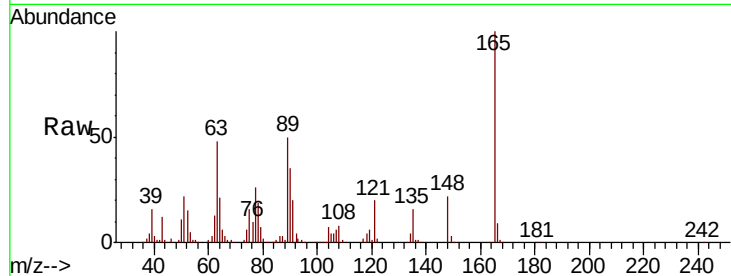




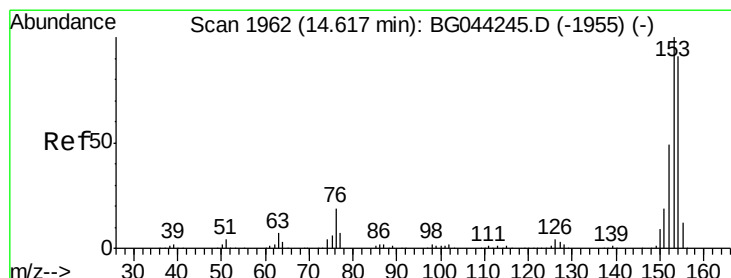
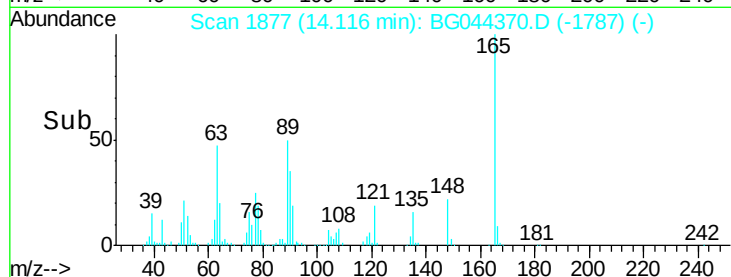
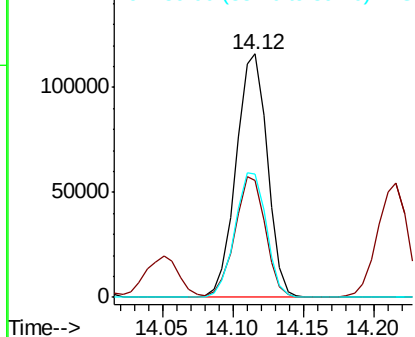
#51
2,6-Dinitrotoluene
Concen: 52.013 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 178871
Ion Ratio Lower Upper
165 100
63 47.8 38.7 58.1
89 50.5 40.4 60.6

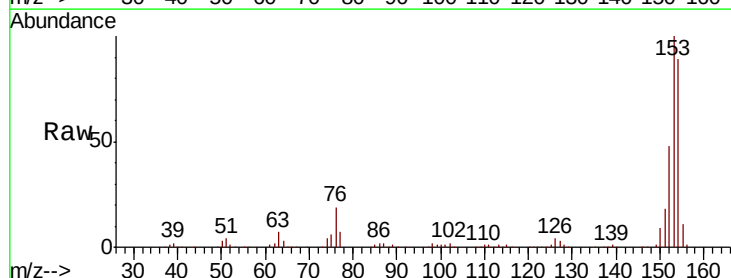


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

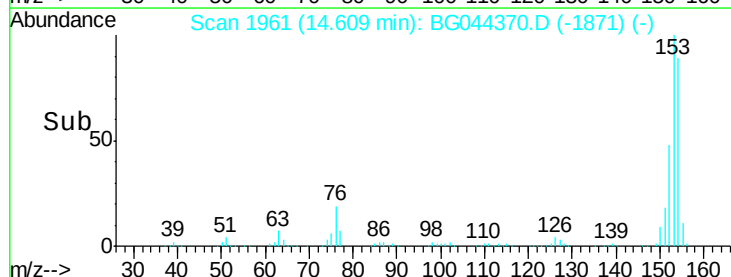
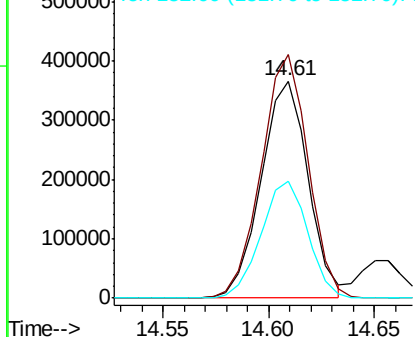


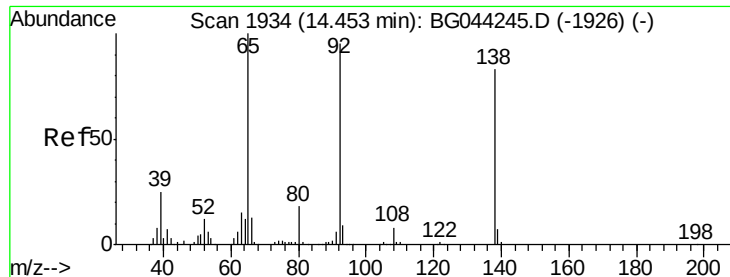
#52
Acenaphthene
Concen: 48.321 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:154 Resp: 565769
Ion Ratio Lower Upper
154 100
153 112.3 87.9 131.9
152 53.9 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

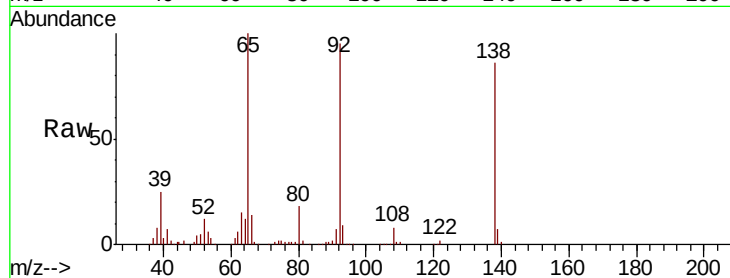




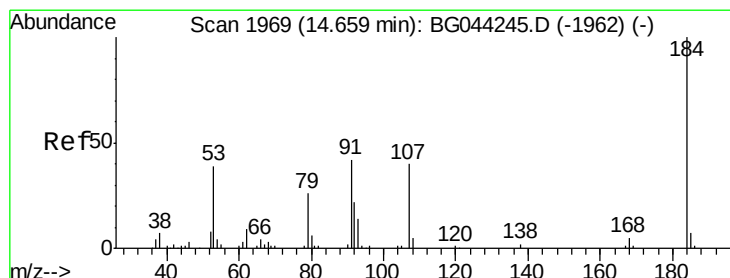
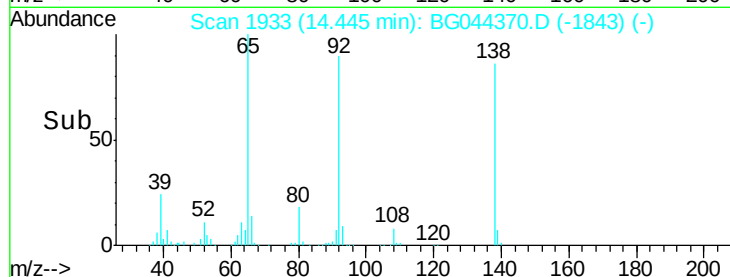
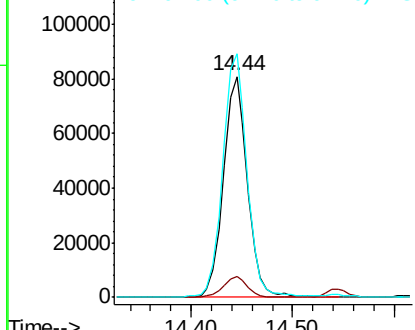
#53
3-Nitroaniline
Concen: 34.991 ng
RT: 14.44 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 133131
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 110.2 91.0 136.4

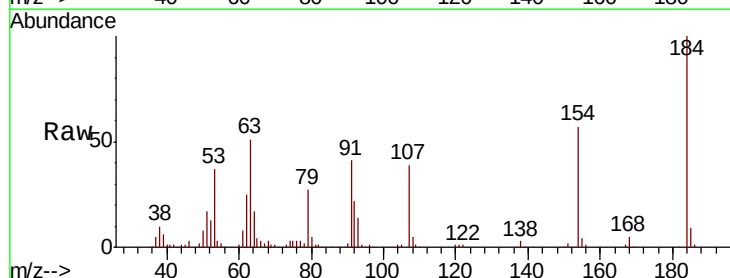


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

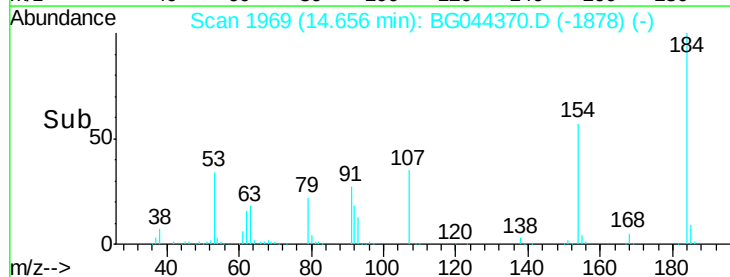
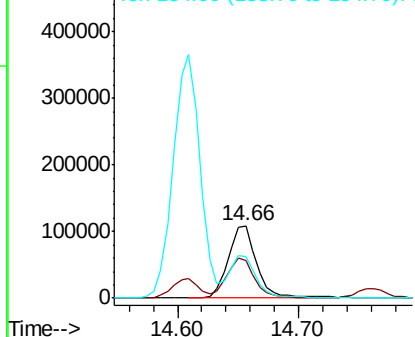


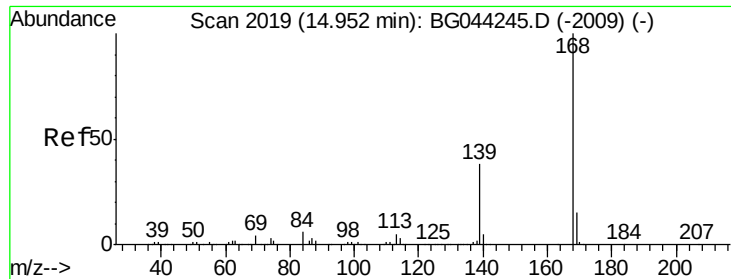
#54
2,4-Dinitrophenol
Concen: 87.177 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:184 Resp: 179184
Ion Ratio Lower Upper
184 100
63 51.3 44.1 66.1
154 57.5 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

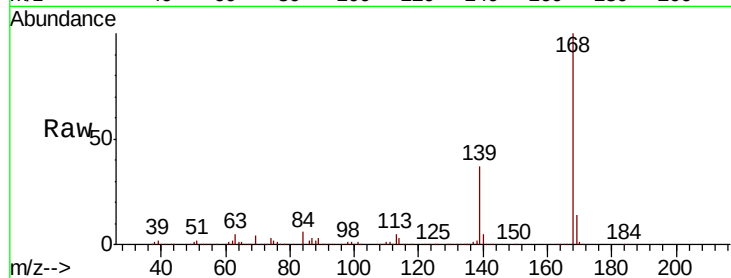




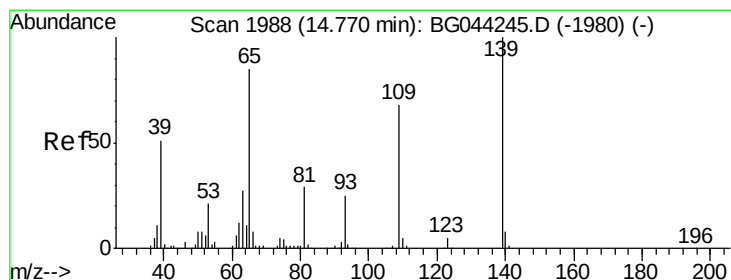
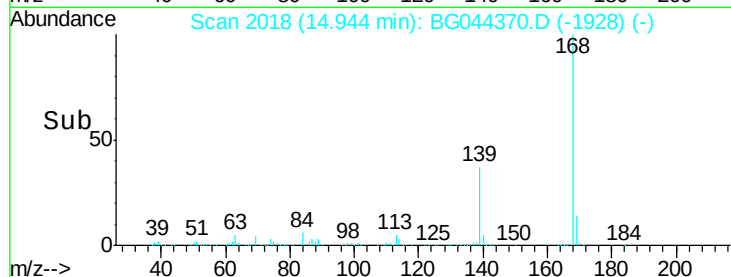
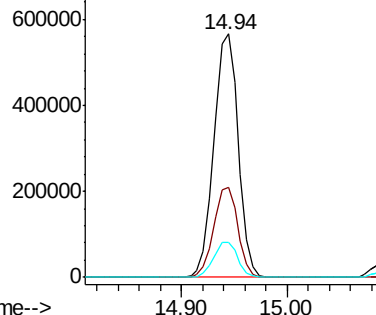
#55
Dibenzenofuran
Concen: 50.965 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 903473
Ion Ratio Lower Upper
168 100
139 37.2 30.5 45.7
169 14.3 11.7 17.5

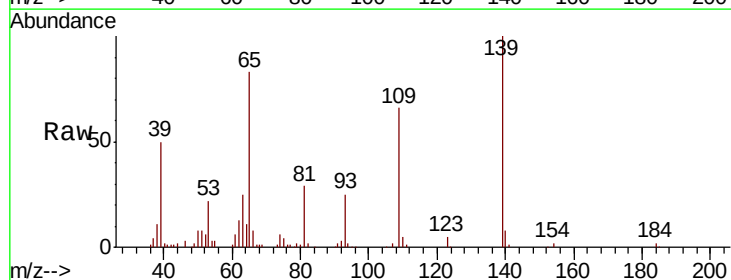


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

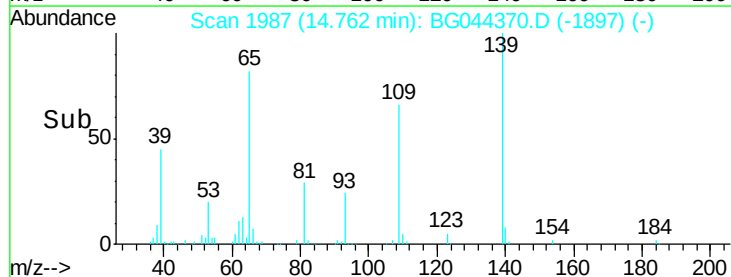
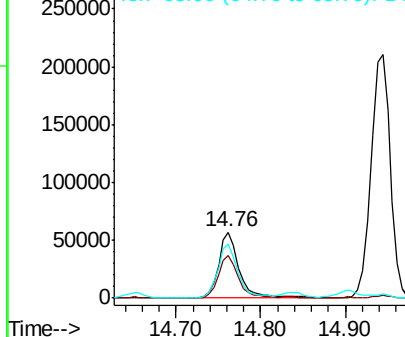


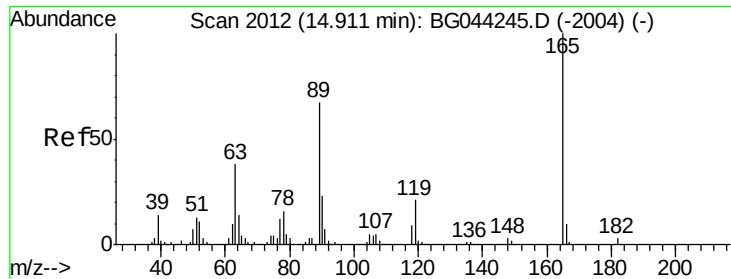
#56
4-Nitrophenol
Concen: 34.907 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:139 Resp: 97283
Ion Ratio Lower Upper
139 100
109 65.5 47.5 87.5
65 82.8 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

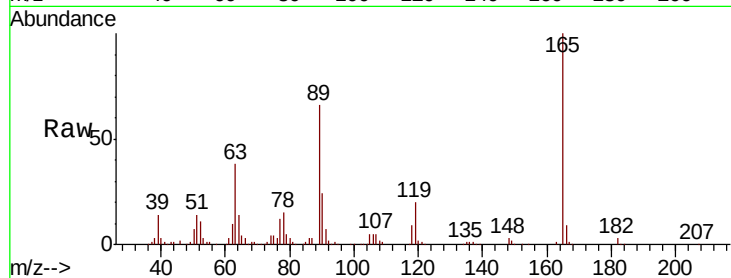




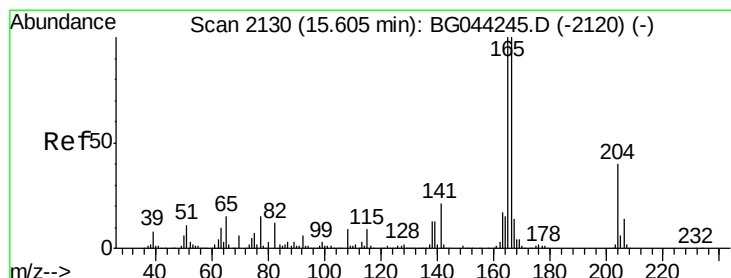
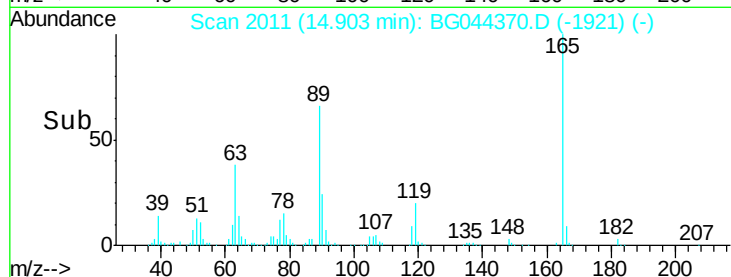
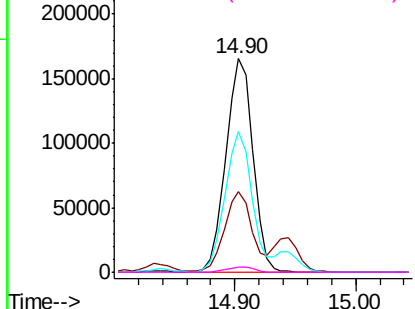
#57
2,4-Dinitrotoluene
Concen: 53.323 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	257015
Ion Ratio	Lower	Upper
165	100	
63	37.8	30.3 45.5
89	66.0	53.4 80.2
182	2.6	2.1 3.1

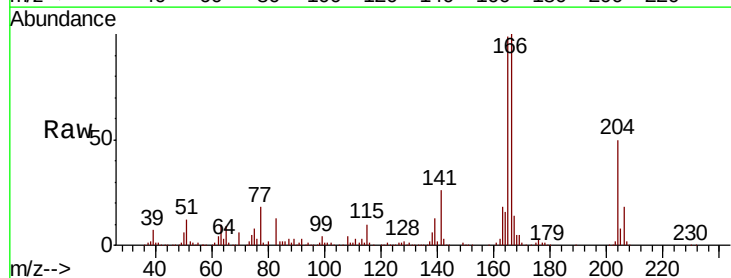


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

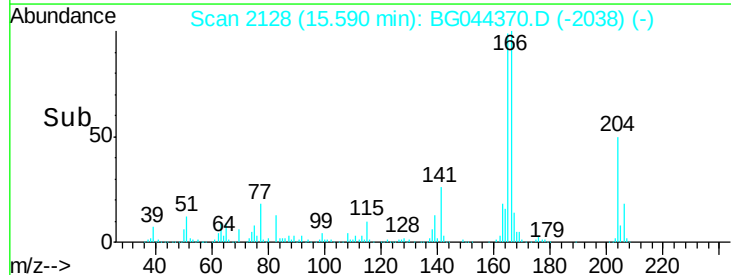
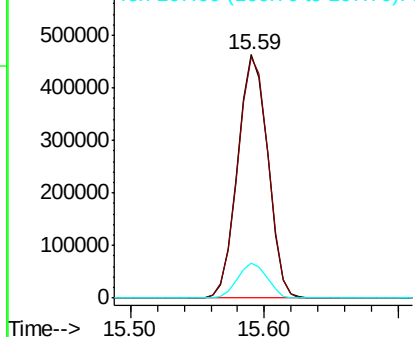


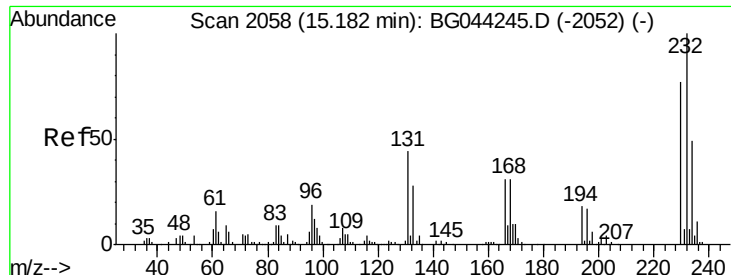
#58
Fluorene
Concen: 51.822 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:166	Resp:	723568
Ion Ratio	Lower	Upper
166	100	
165	98.9	79.9 119.9
167	14.3	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

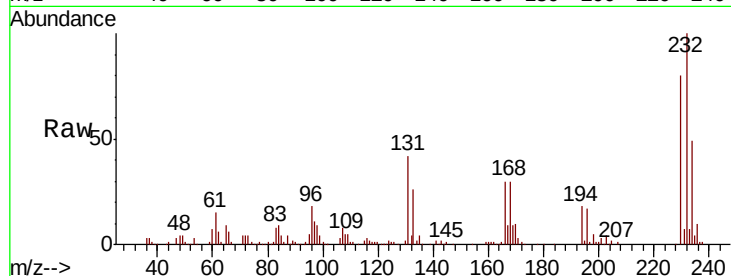




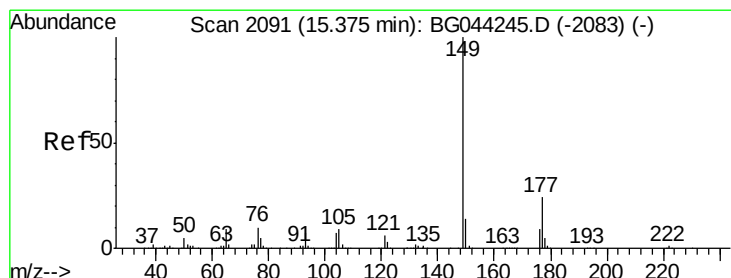
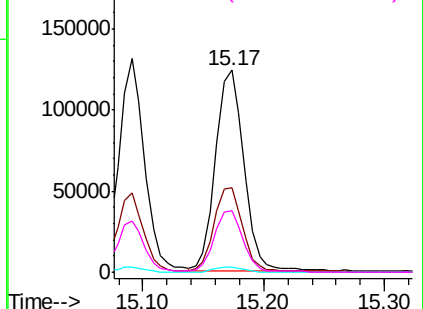
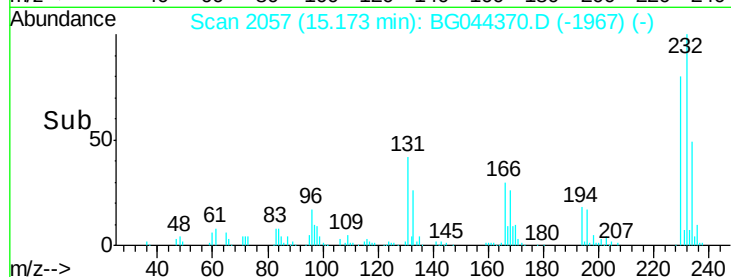
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.852 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	202293
Ion	Ratio	Lower	Upper
232	100		
131	42.1	34.2	51.4
130	2.4	1.8	2.8
166	30.8	23.8	35.8

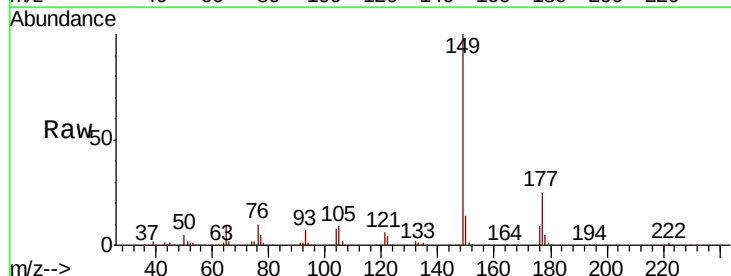


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

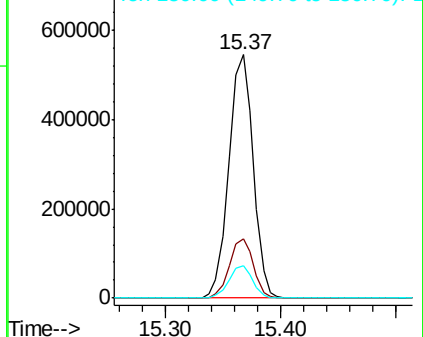
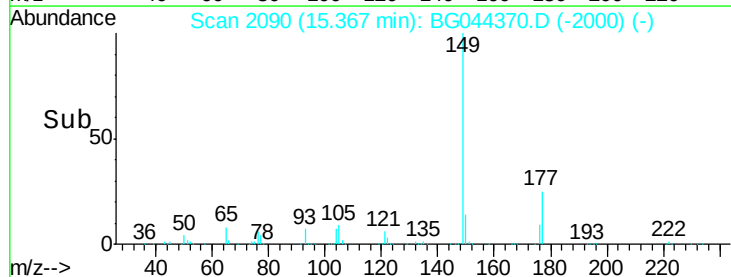


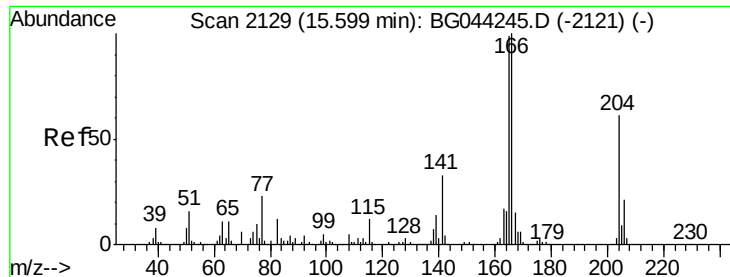
#60
 Diethylphthalate
 Concen: 51.631 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion:	149	Resp:	793489
Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.4	29.0
150	13.5	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

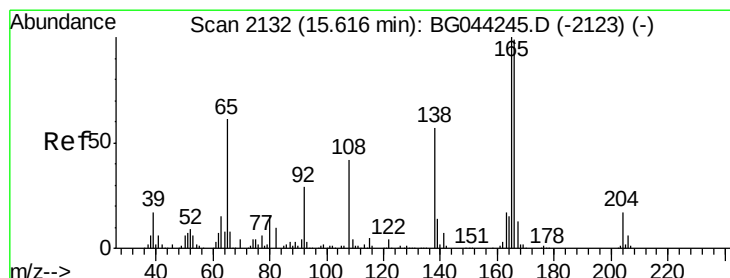
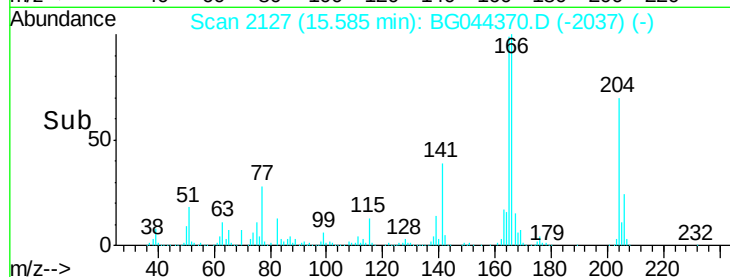
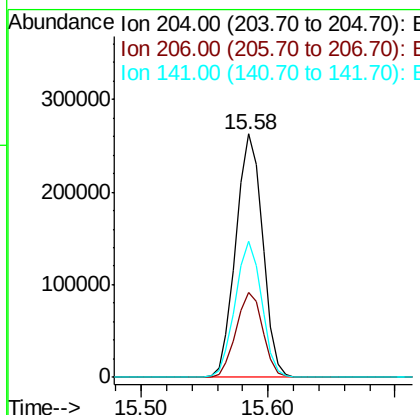
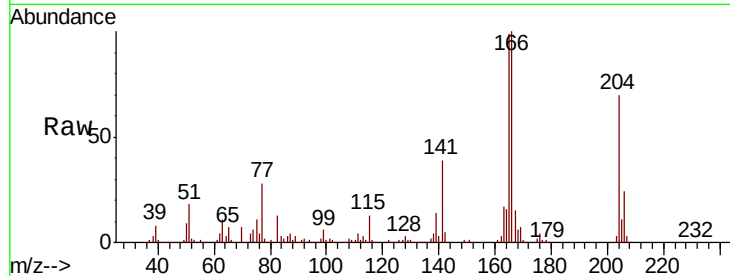




#61
4-Chlorophenyl-phenylether
Concen: 50.684 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

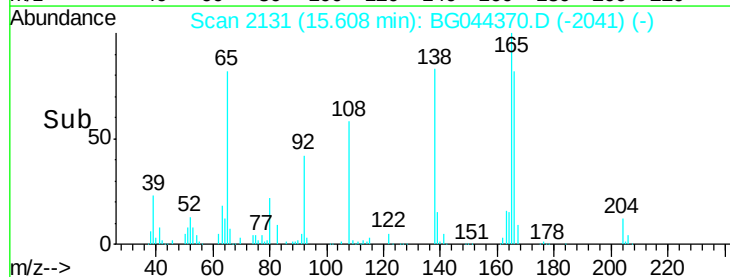
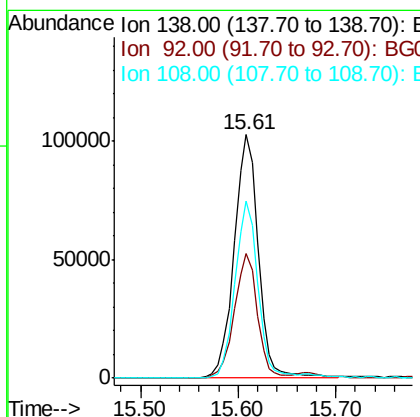
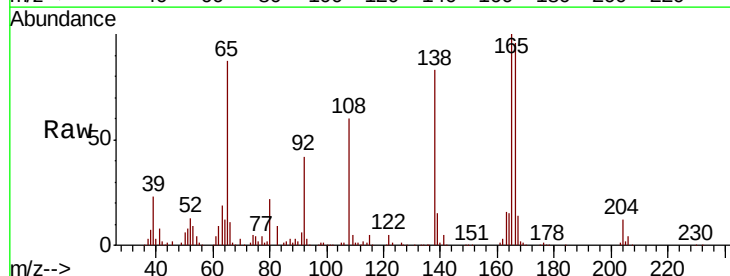
Instrument :
BNA_G
ClientSampleId :

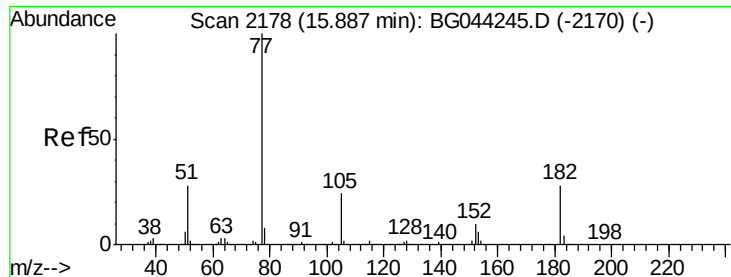
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.6	41.4
141	55.9	43.4	65.0



#62
4-Nitroaniline
Concen: 46.867 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	31.3	71.3
108	72.9	52.6	92.6





#63

Azobenzene

Concen: 52.569 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 708073

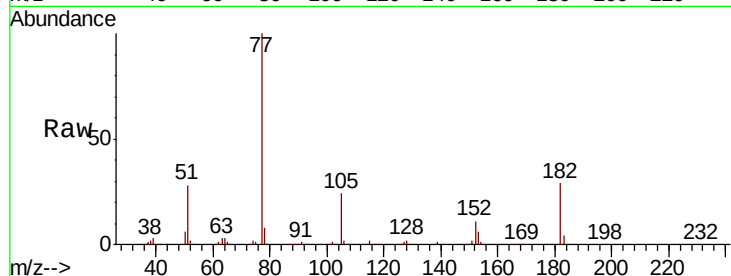
Ion Ratio Lower Upper

77 100

182 28.9 8.2 48.2

105 23.7 3.6 43.6

51 28.3 8.3 48.3

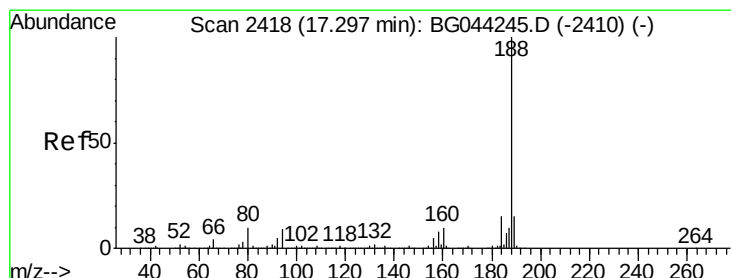
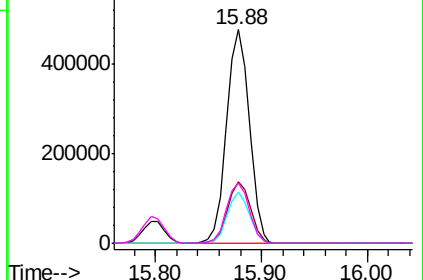
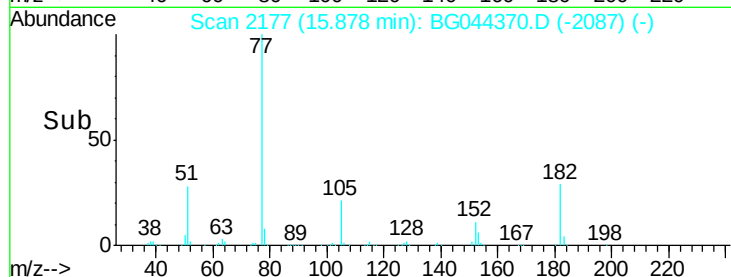


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.29 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

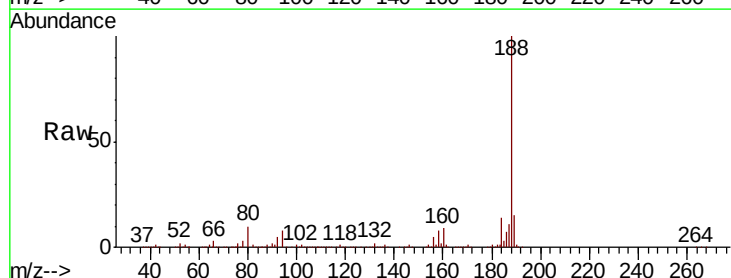
Tgt Ion: 188 Resp: 505617

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

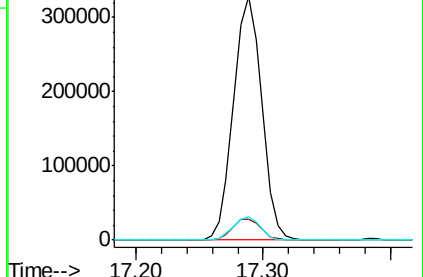
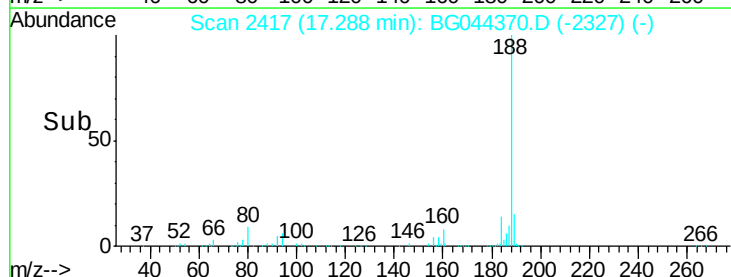
80 9.8 7.7 11.5

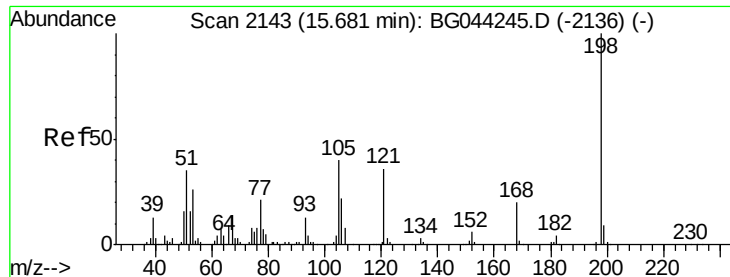


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

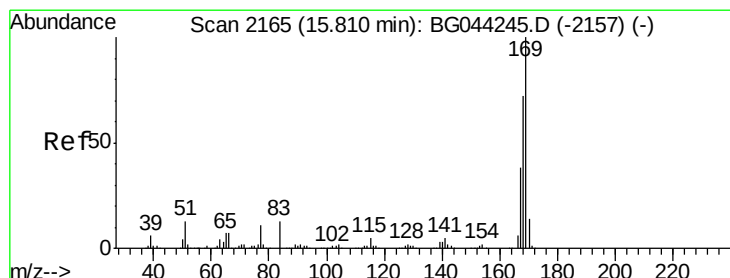
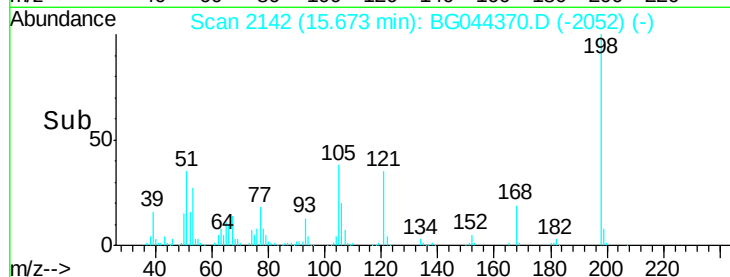
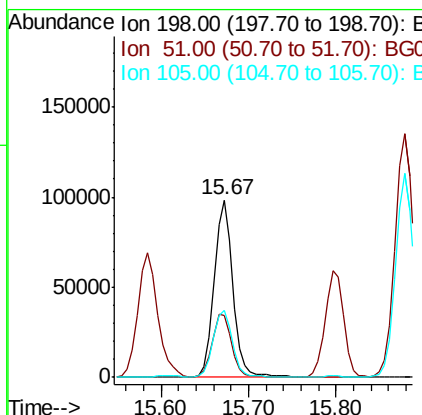
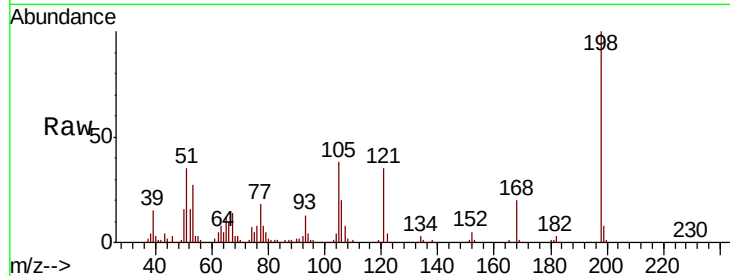




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.844 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

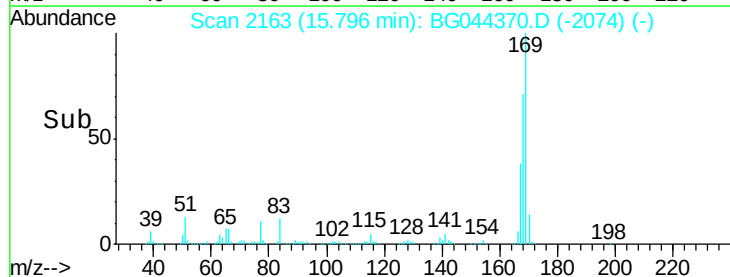
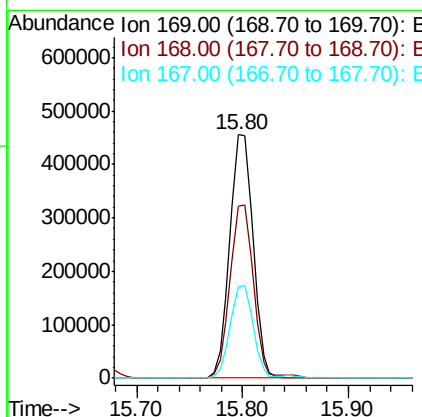
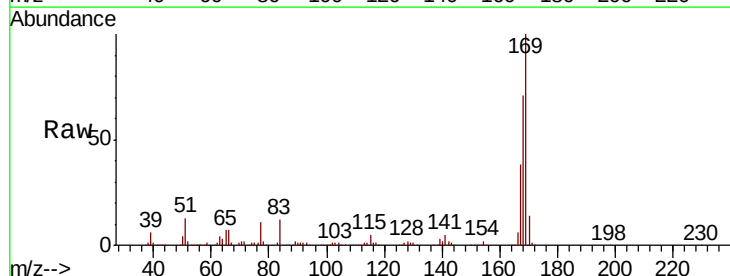
Instrument :
 BNA_G
 ClientSampleId :

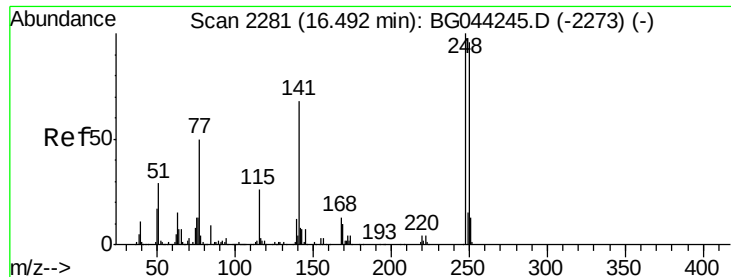
Tot Ion	Ratio	Lower	Upper
198	100		
51	34.6	16.6	56.6
105	37.9	20.6	60.6



#66
 n-Nitrosodiphenylamine
 Concen: 48.791 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.7	57.9	86.9
167	37.7	30.7	46.1

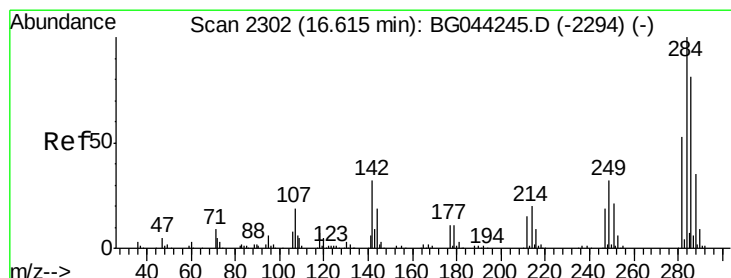
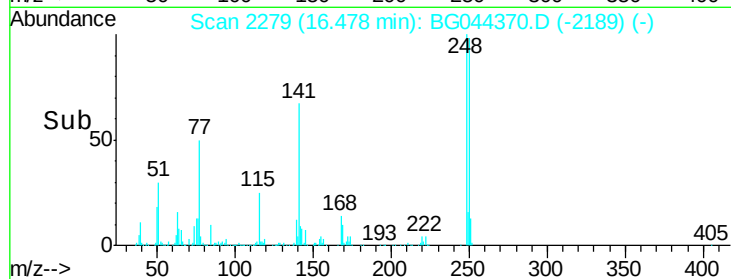
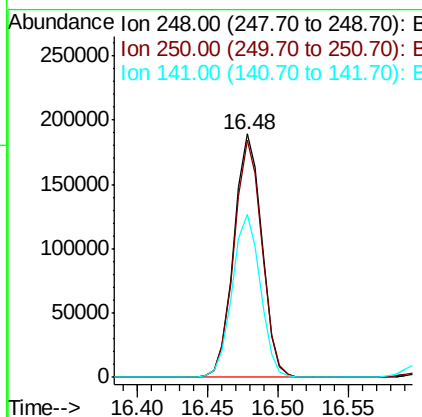
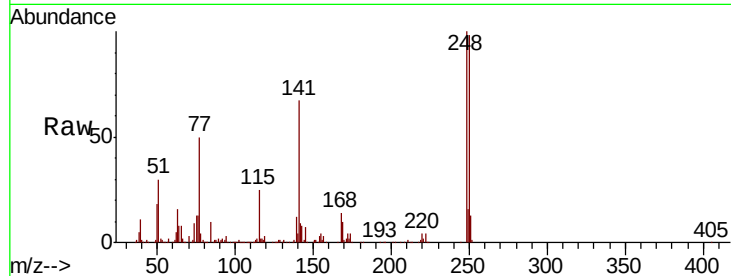




#67
4-Bromophenyl-phenylether
Concen: 47.451 ng
RT: 16.48 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

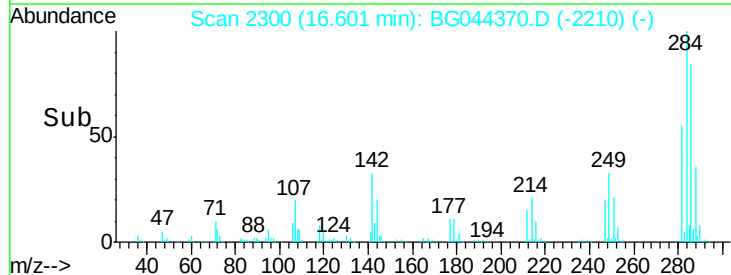
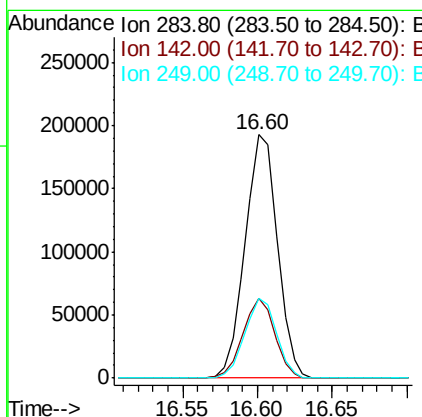
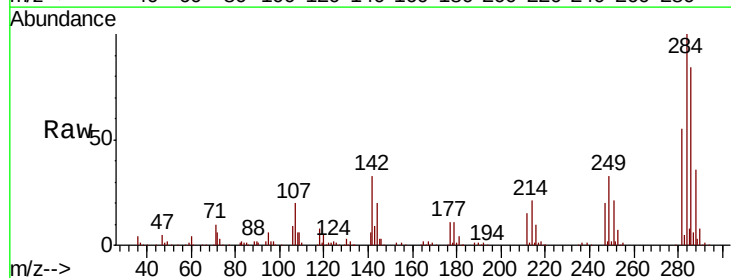
Instrument :
BNA_G
ClientSampleId :

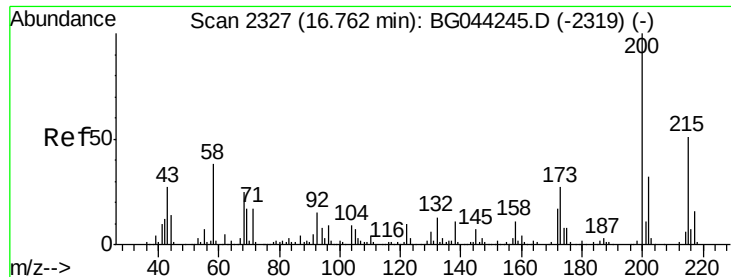
Tot Ion:248 Resp: 261388
Ion Ratio Lower Upper
248 100
250 97.6 76.6 114.8
141 67.1 54.7 82.1



#68
Hexachlorobenzene
Concen: 46.768 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:284 Resp: 288629
Ion Ratio Lower Upper
284 100
142 33.0 25.3 37.9
249 32.5 25.5 38.3

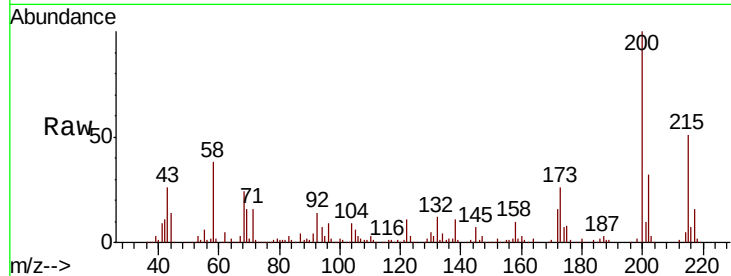




#69
 Atrazine
 Concen: 56.884 ng
 RT: 16.75 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.6	46.6
215	50.6	31.0	71.0

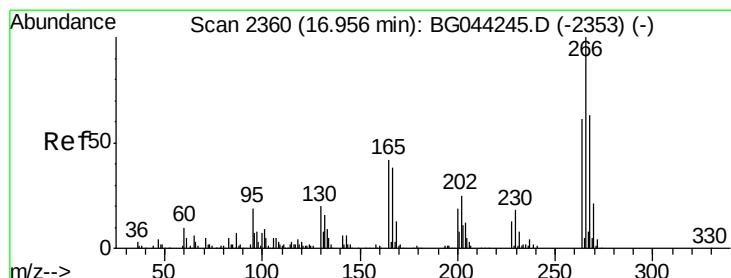
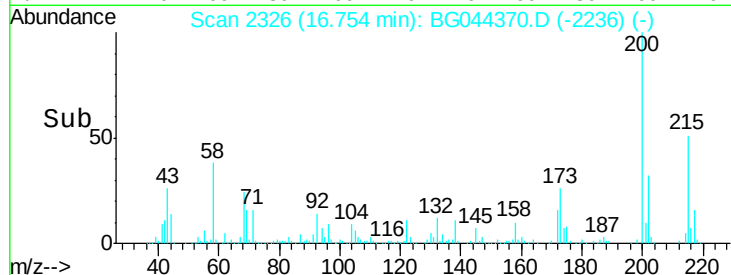
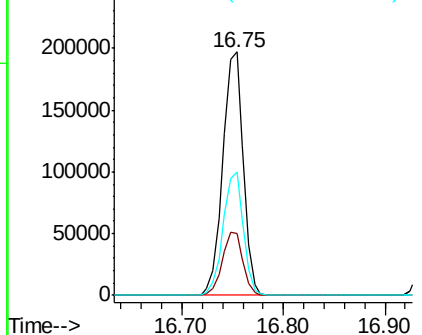


Abundance

Ion 200.00 (199.70 to 200.70): E

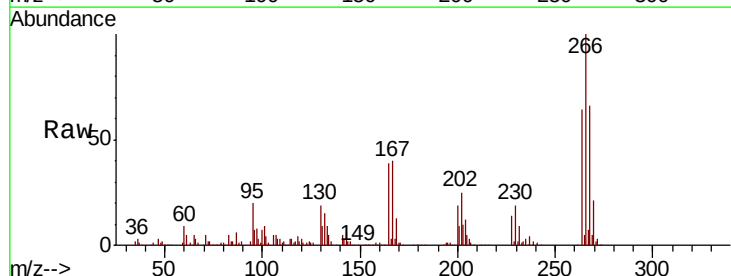
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 96.037 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.6	75.8
264	64.2	48.7	73.1

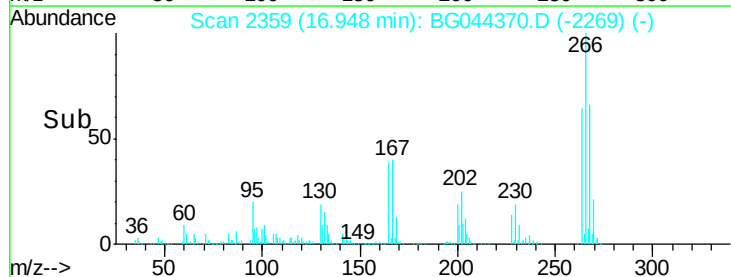
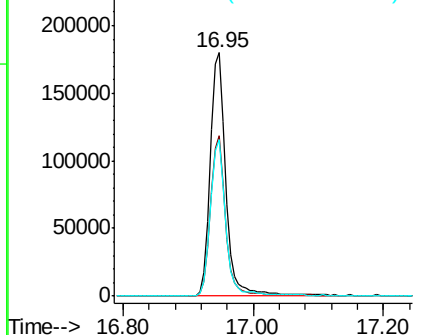


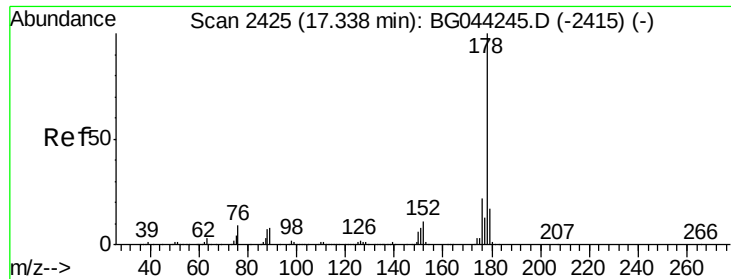
Abundance

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

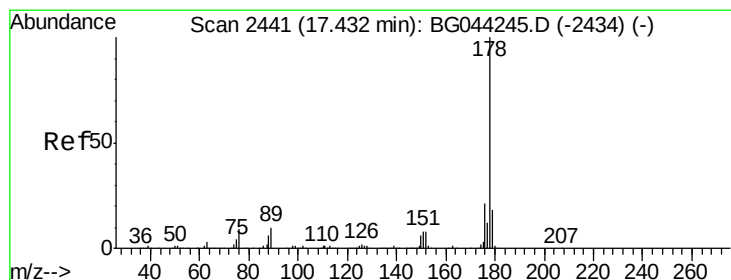
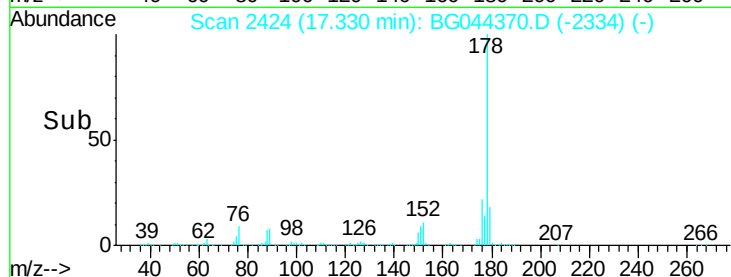
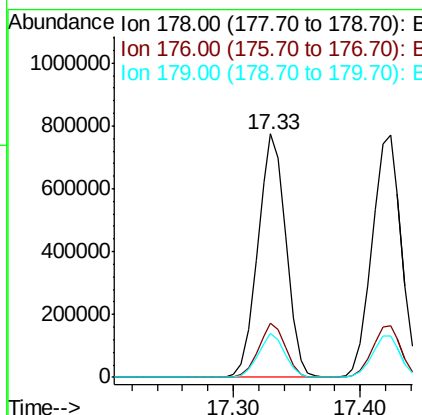
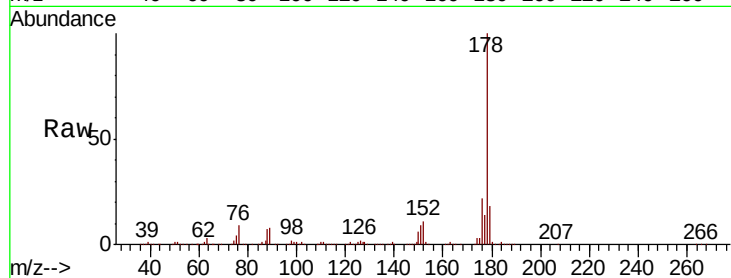




#71
Phenanthrene
Concen: 48.734 ng
RT: 17.33 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

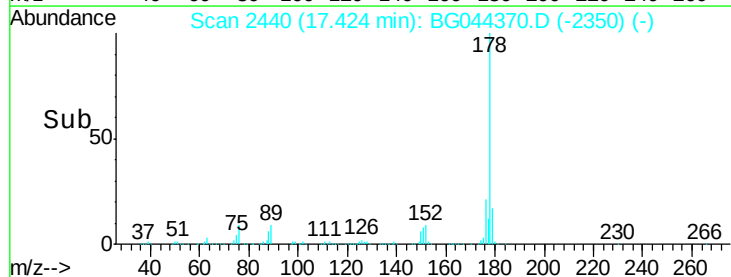
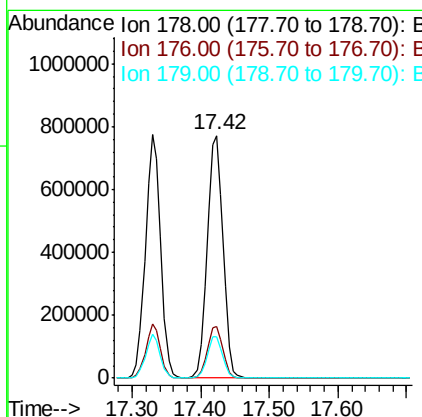
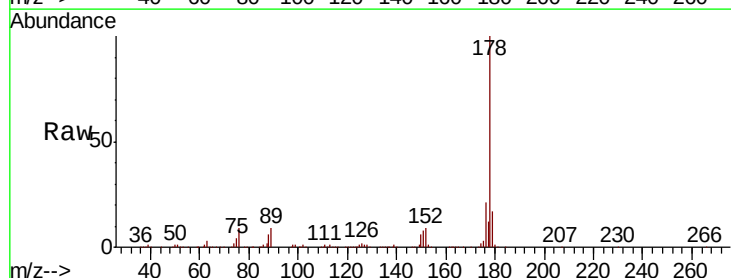
Instrument :
BNA_G
ClientSampleId :

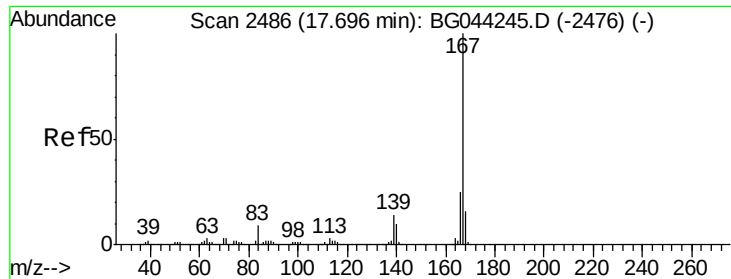
Tot Ion:178 Resp: 1193196
Ion Ratio Lower Upper
178 100
176 22.1 17.7 26.5
179 17.8 13.7 20.5



#72
Anthracene
Concen: 51.041 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:178 Resp: 1235502
Ion Ratio Lower Upper
178 100
176 21.4 17.0 25.4
179 17.1 14.4 21.6





#73

Carbazole

Concen: 50.415 ng

RT: 17.69 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

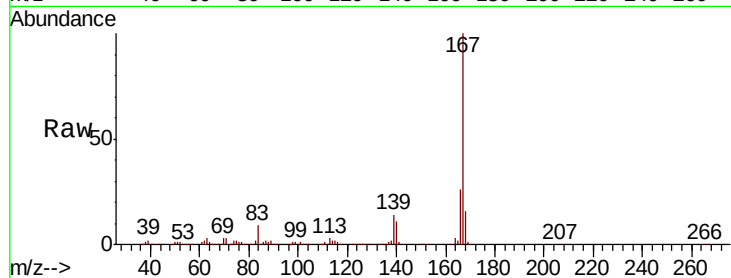
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1125031

Ion	Ratio	Lower	Upper
167	100		
166	25.9	19.8	29.6
139	14.0	11.1	16.7

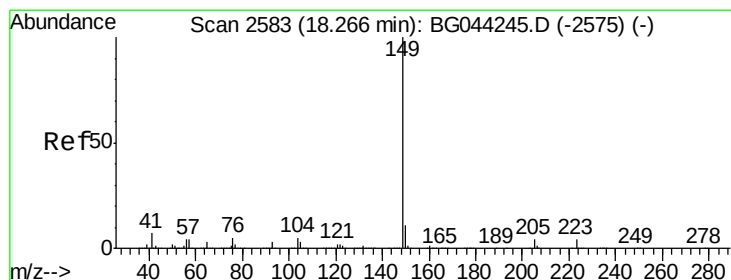
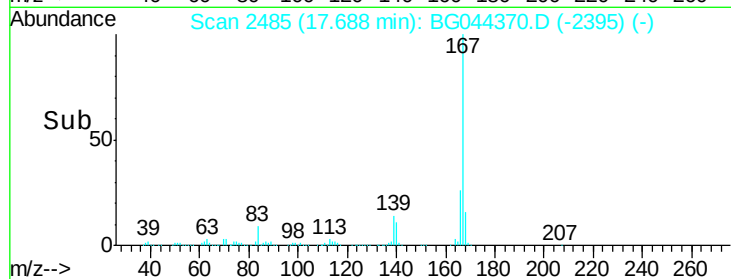
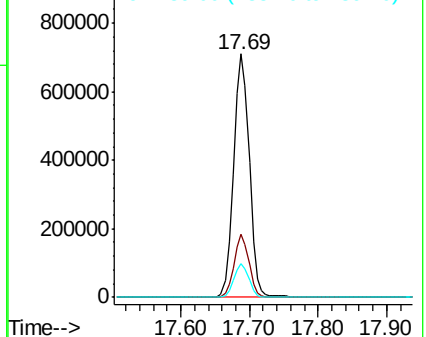


Abundance

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: 49.393 ng

RT: 18.26 min Scan# 2582

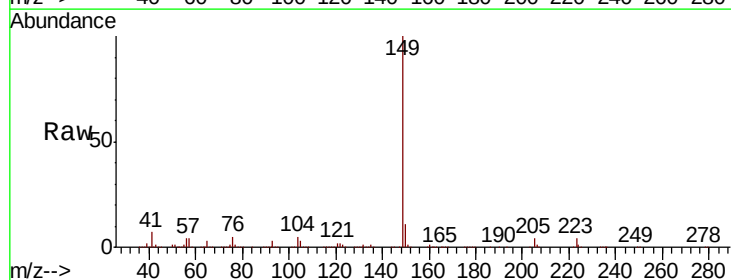
Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Tgt Ion:149 Resp: 1362066

Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.7	13.1
104	5.5	4.3	6.5

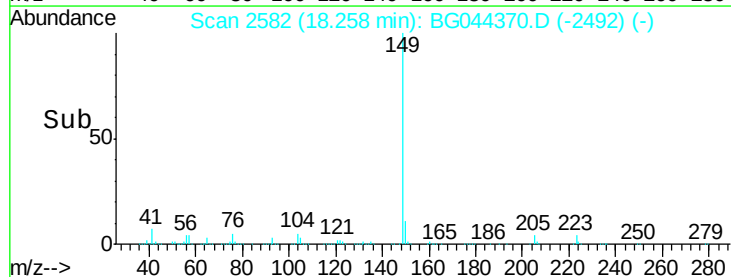
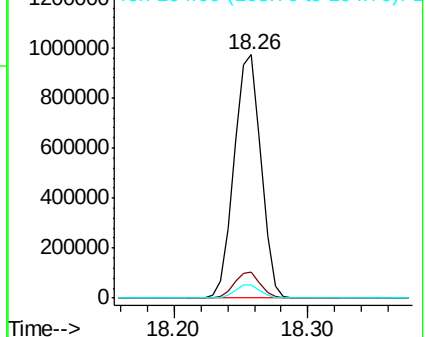


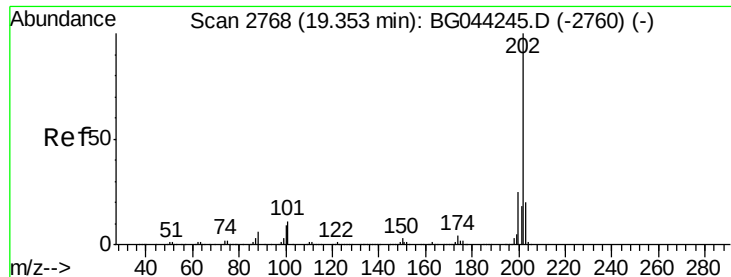
Abundance

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: 49.916 ng

RT: 19.34 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

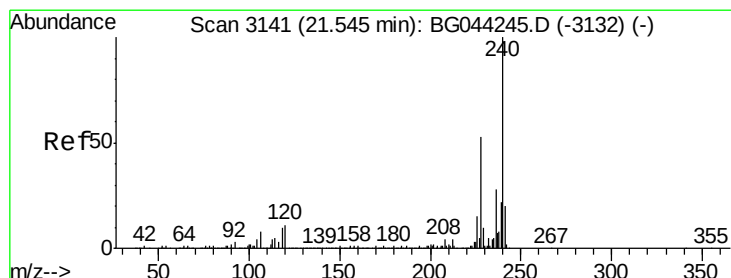
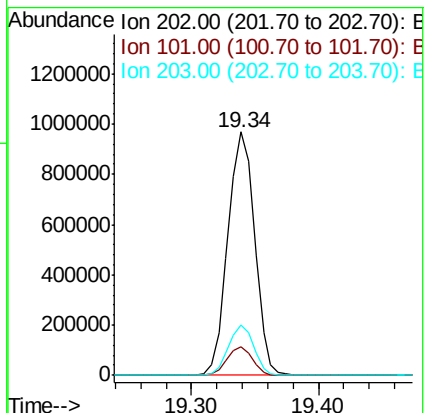
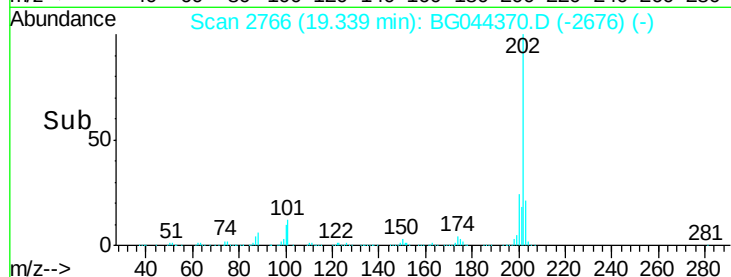
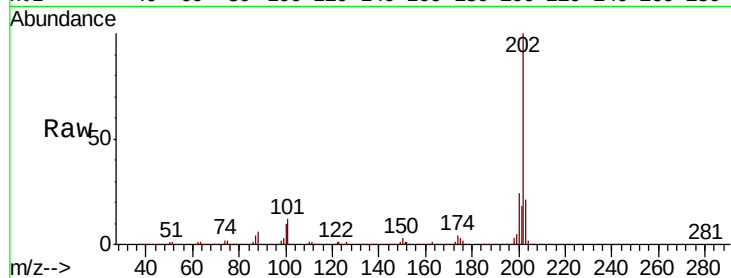
Tot Ion:202 Resp: 1413769

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.3

203 20.7 0.0 39.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

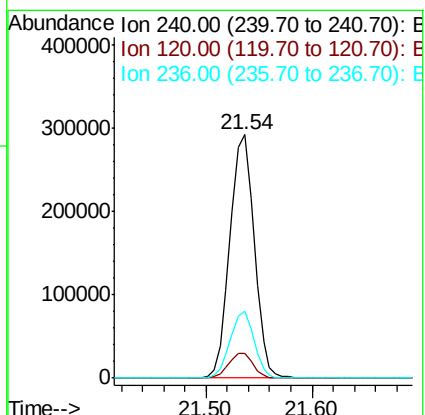
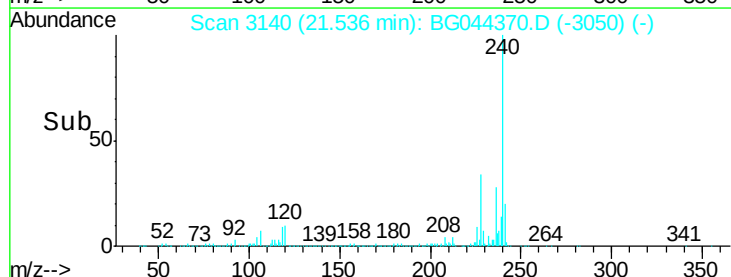
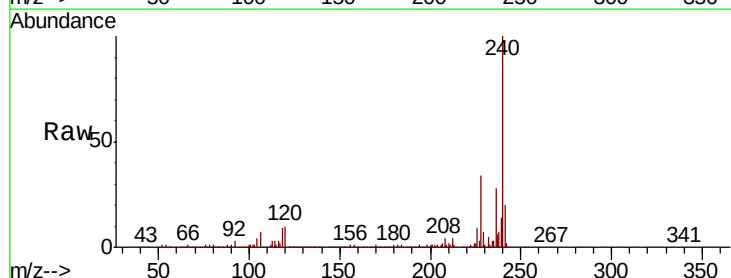
Tgt Ion:240 Resp: 465831

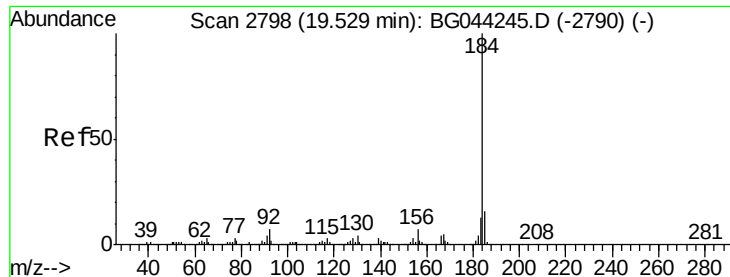
Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

236 27.7 22.1 33.1





#77

Benzidine

Concen: 53.279 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

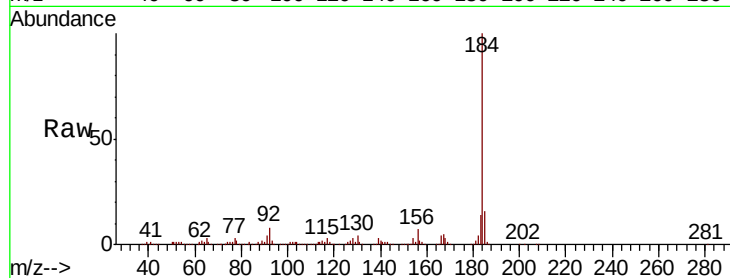
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 688419

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.9	19.3
183	13.7	10.8	16.2

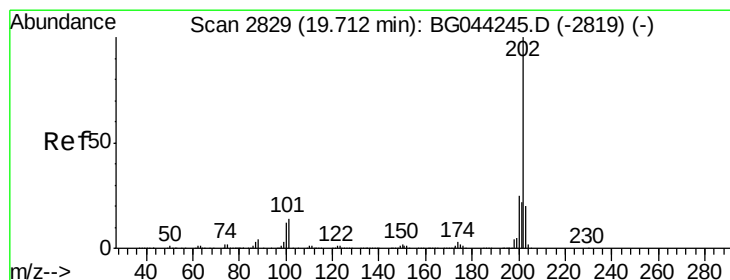
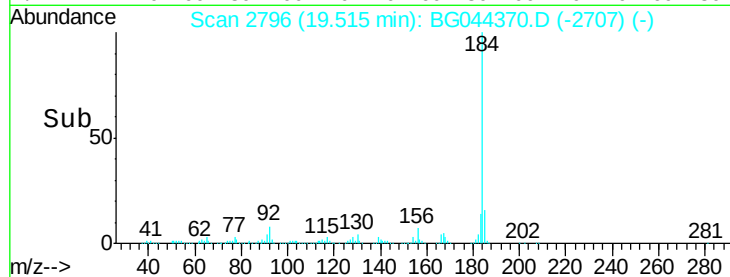
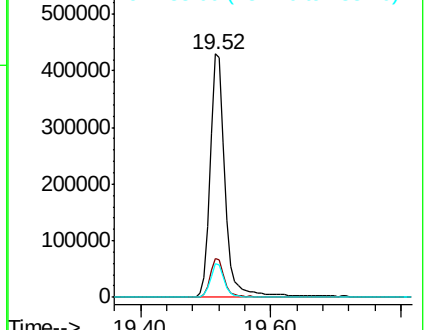


Abundance

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: 47.011 ng

RT: 19.70 min Scan# 2828

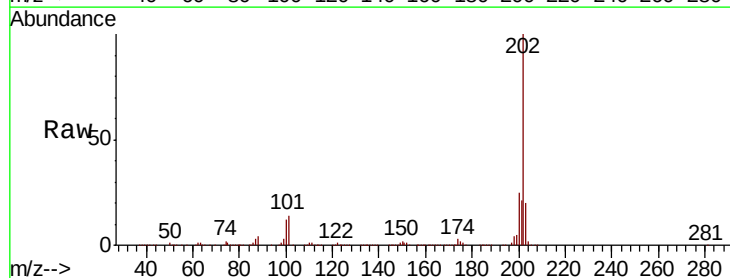
Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Tgt Ion:202 Resp: 1406376

Ion	Ratio	Lower	Upper
202	100		
200	24.9	20.0	30.0
203	20.2	16.2	24.2

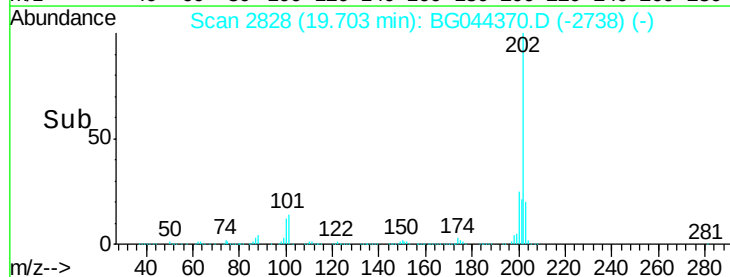
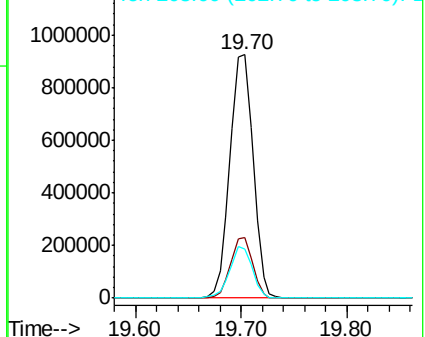


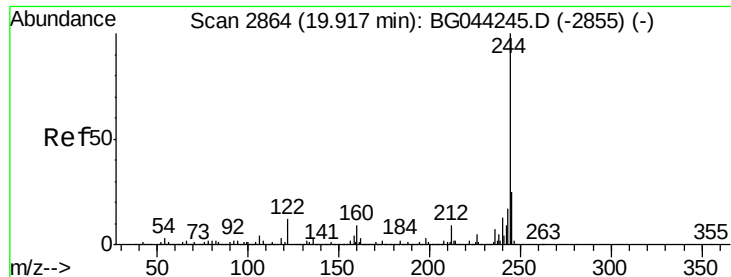
Abundance

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: 83.948 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

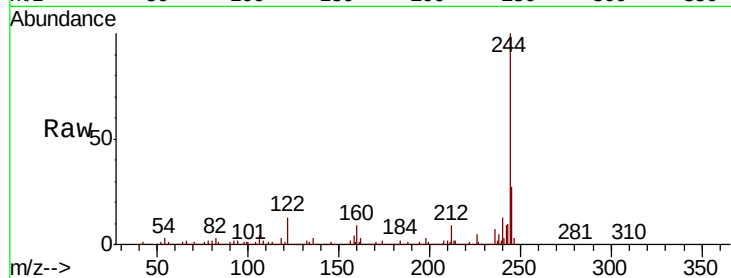
Tot Ion:244 Resp: 1901228

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.2

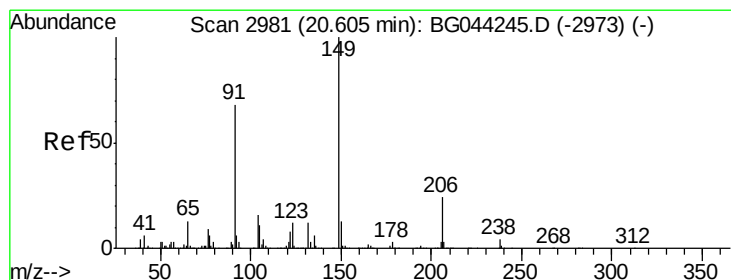
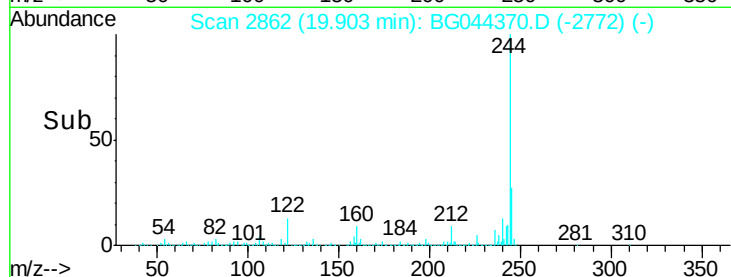
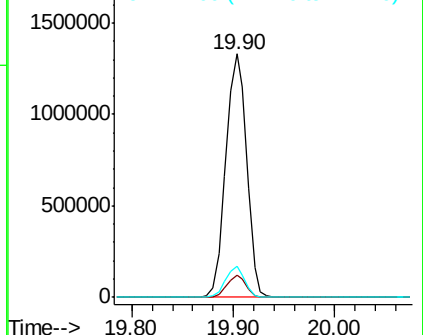
122 12.6 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.215 ng

RT: 20.59 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

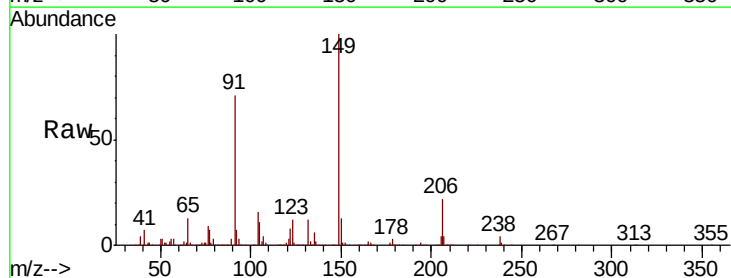
Tgt Ion:149 Resp: 616415

Ion Ratio Lower Upper

149 100

91 70.9 54.5 81.7

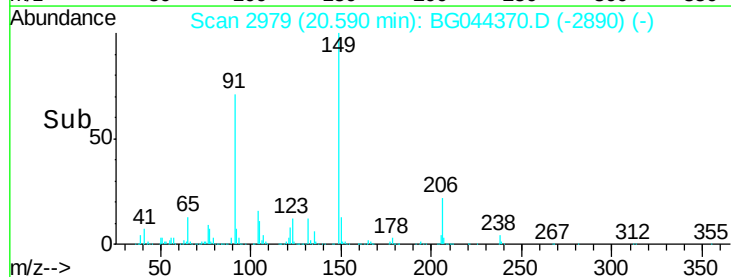
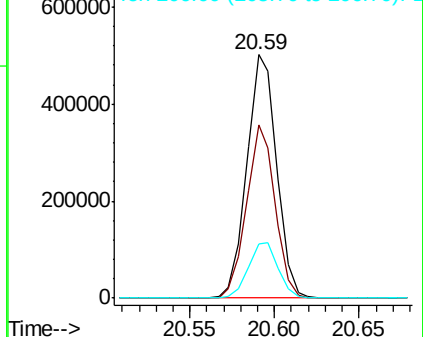
206 22.1 19.1 28.7

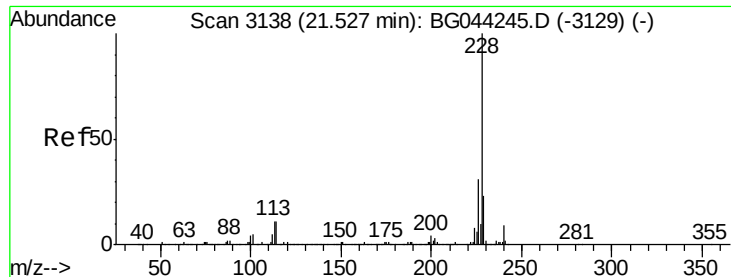


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

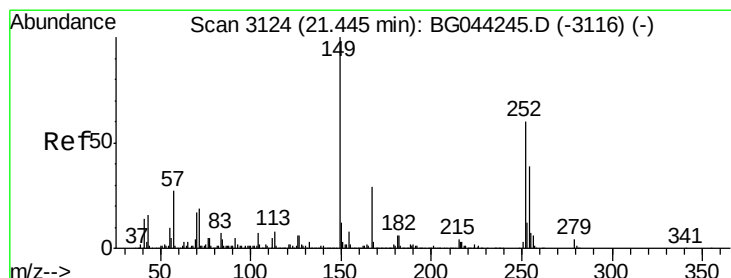
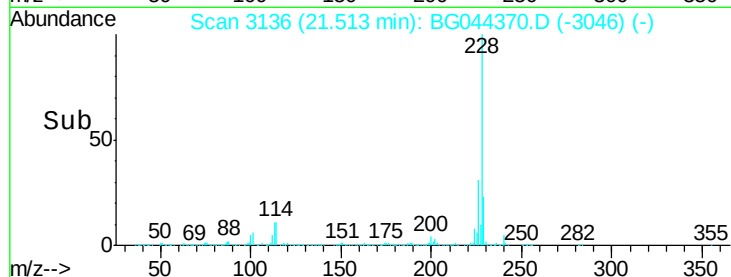
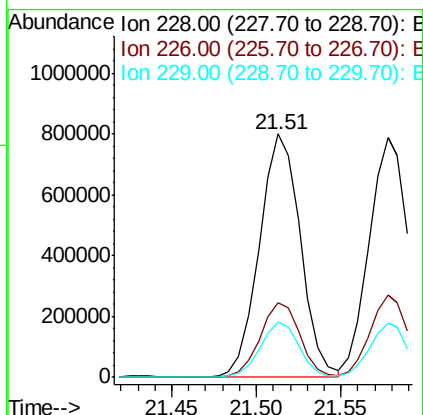
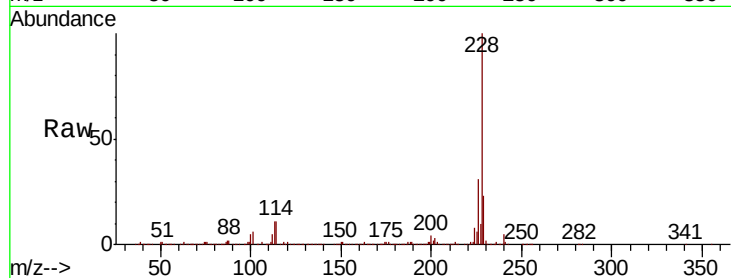




#81
Benzo(a)anthracene
Concen: 46.975 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

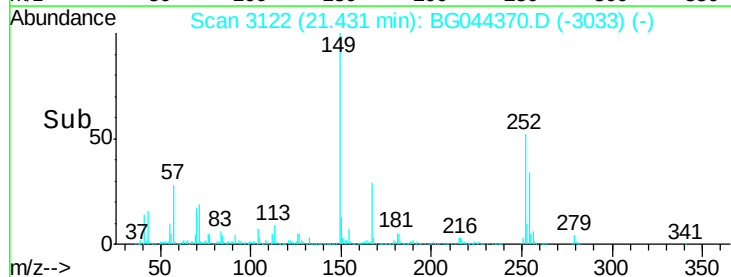
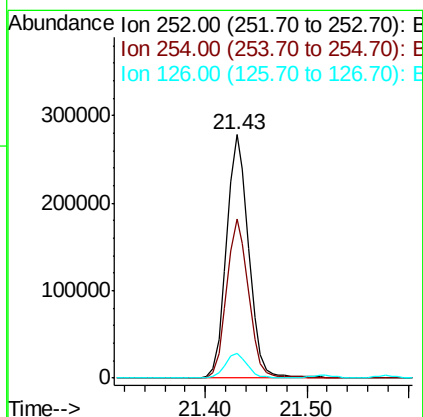
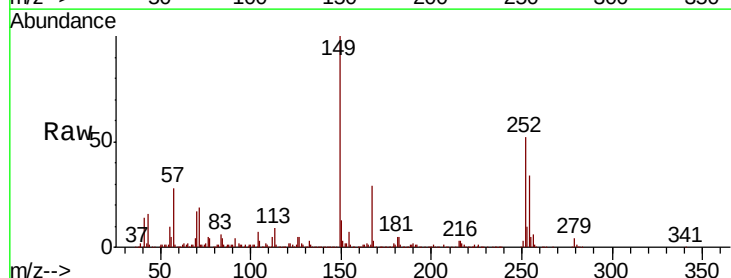
Instrument :
BNA_G
ClientSampleId :

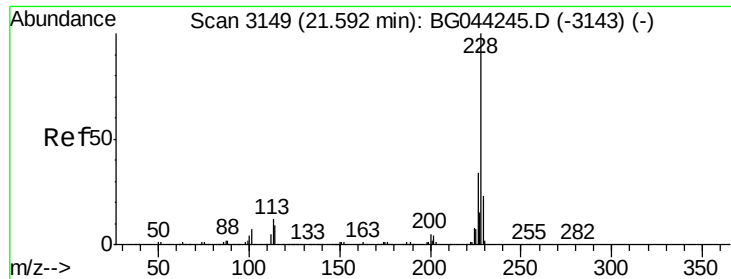
Tot Ion:228 Resp: 1348628
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 22.6 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 38.086 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:252 Resp: 424373
Ion Ratio Lower Upper
252 100
254 65.5 52.6 78.8
126 10.3 8.2 12.4





#83

Chrysene

Concen: 46.456 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

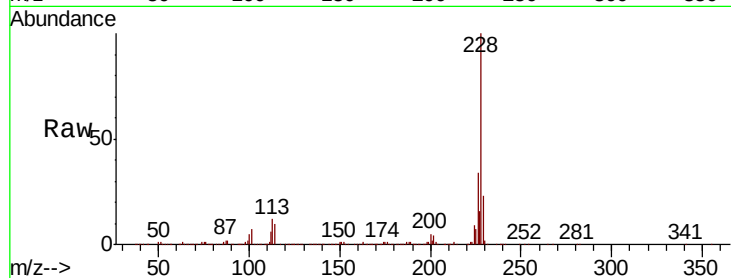
Tot Ion:228 Resp: 1289191

Ion Ratio Lower Upper

228 100

226 34.2 27.1 40.7

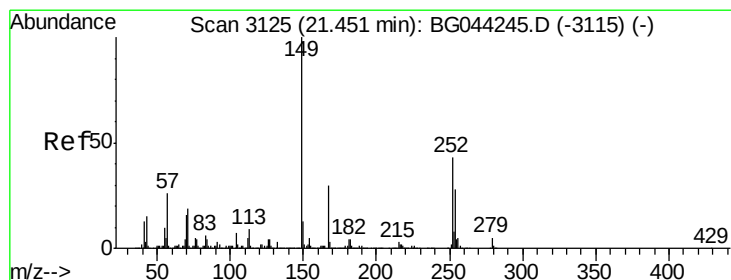
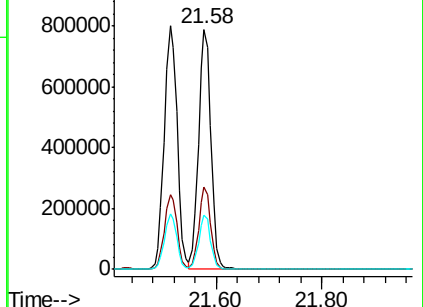
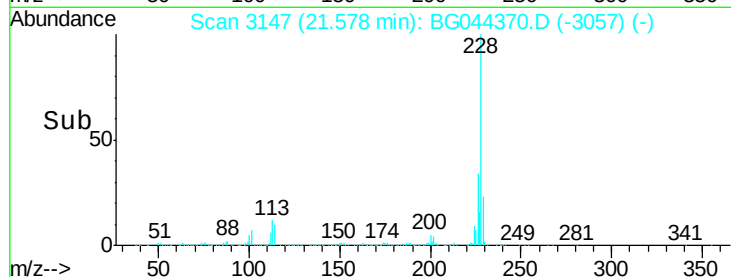
229 22.5 17.9 26.9



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: 45.676 ng

RT: 21.44 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

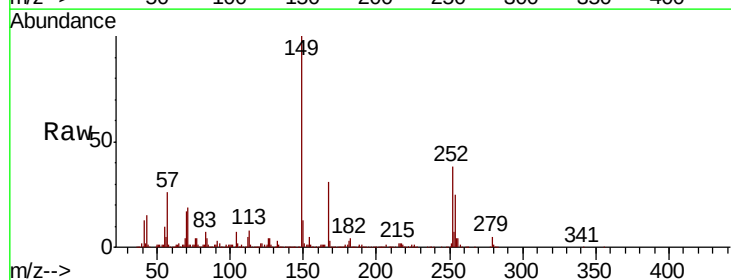
Tgt Ion:149 Resp: 857091

Ion Ratio Lower Upper

149 100

167 30.7 24.0 36.0

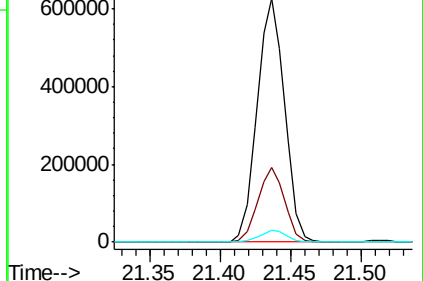
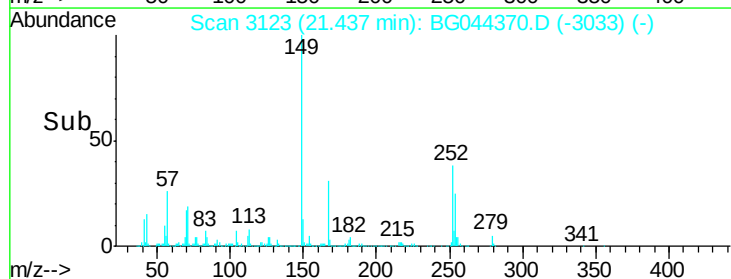
279 5.0 3.8 5.8

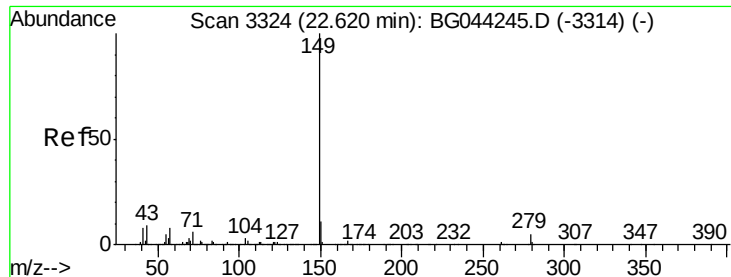


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.538 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampled :

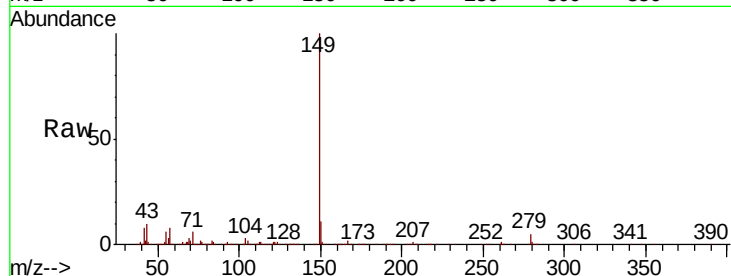
Tot Ion:149 Resp: 1510957

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

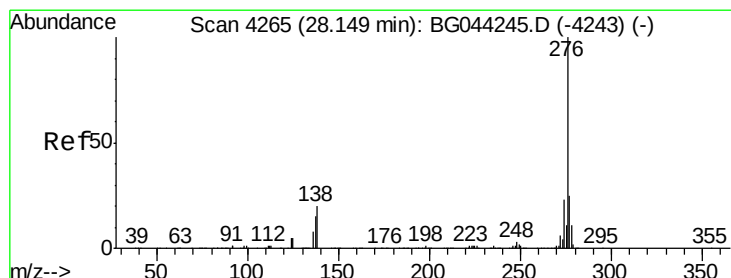
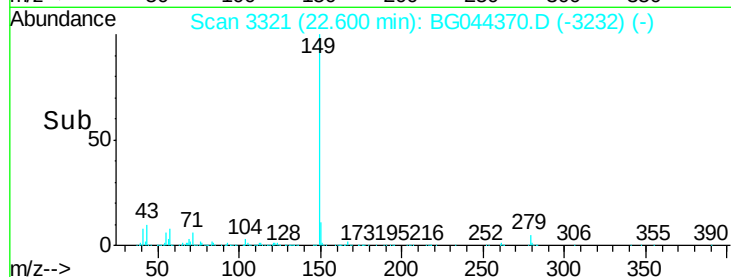
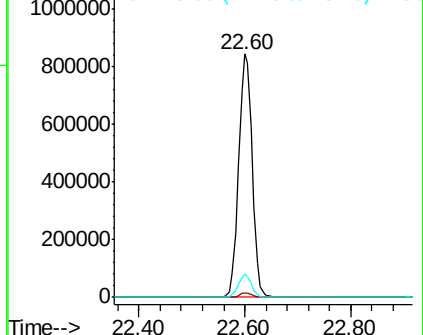
43 9.1 7.4 11.0



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: 46.448 ng

RT: 28.11 min Scan# 4259

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

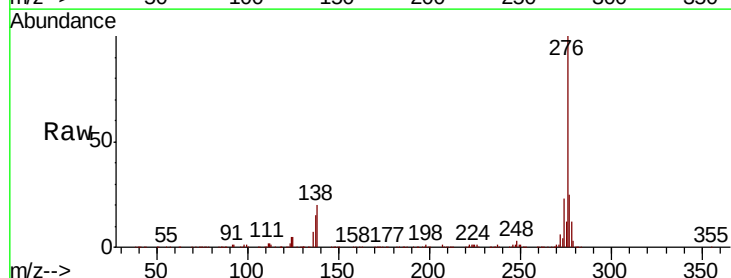
Tgt Ion:276 Resp: 1681620

Ion Ratio Lower Upper

276 100

138 16.3 19.4 29.0#

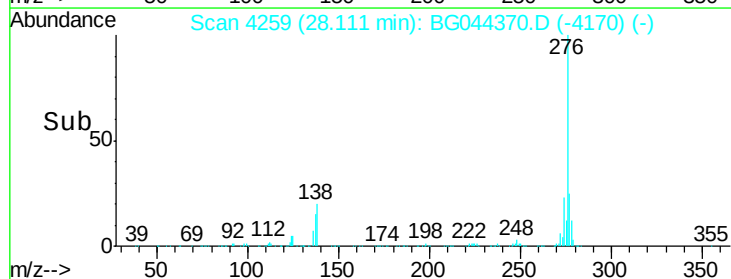
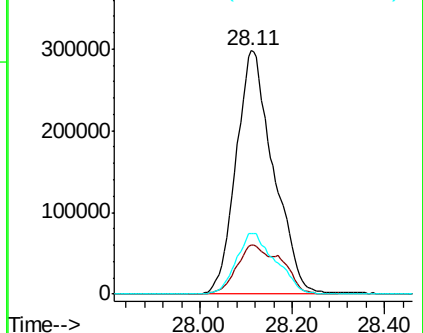
277 26.3 21.0 31.6

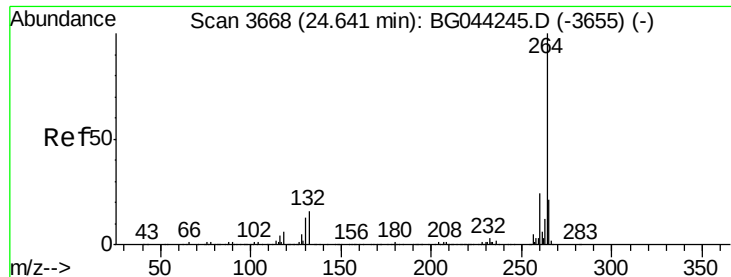


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

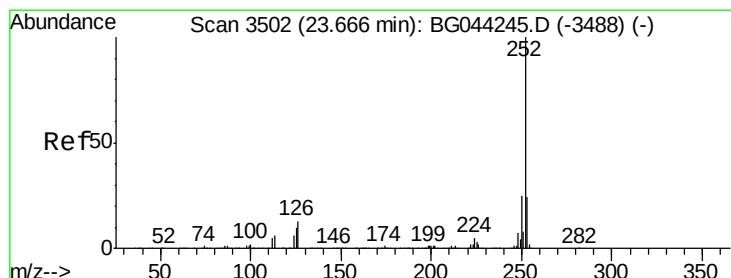
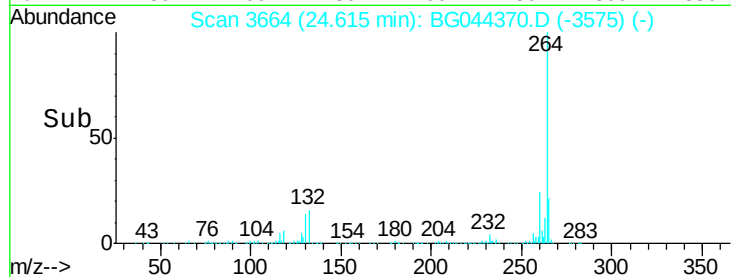
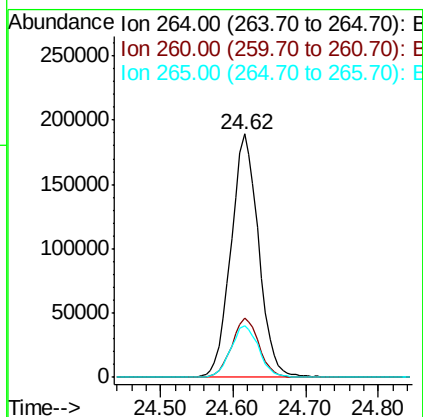
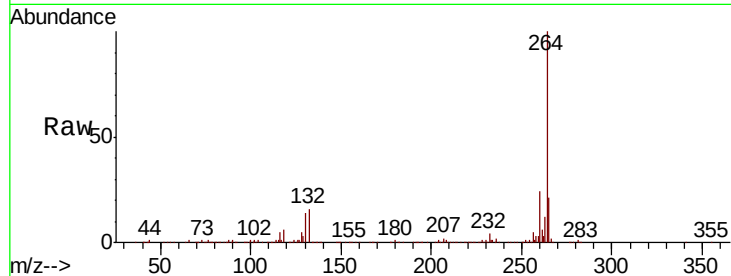




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

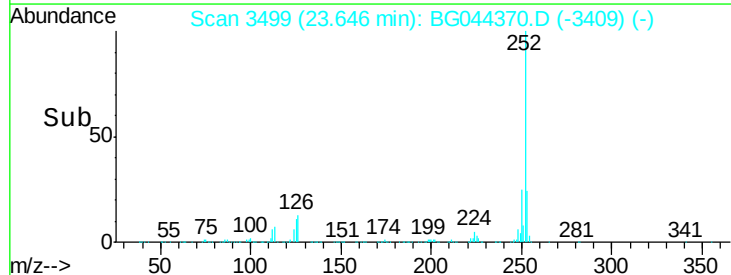
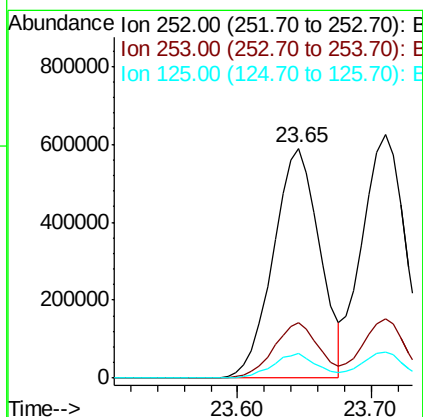
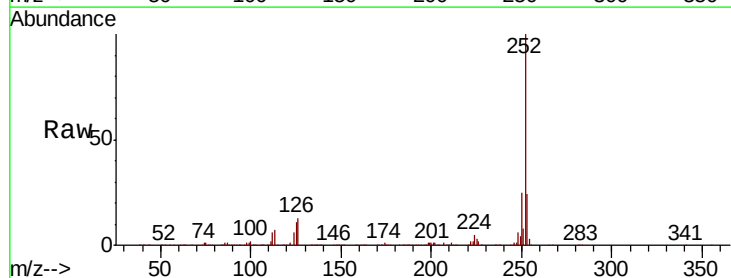
Instrument :
BNA_G
ClientSampleId :

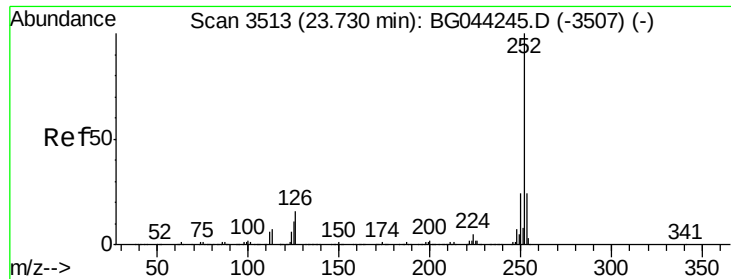
Tot Ion:264 Resp: 500186
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.4 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 49.428 ng
RT: 23.65 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:252 Resp: 1424644
Ion Ratio Lower Upper
252 100
253 23.9 19.2 28.8
125 10.5 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 50.356 ng

RT: 23.71 min Scan# 3510

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

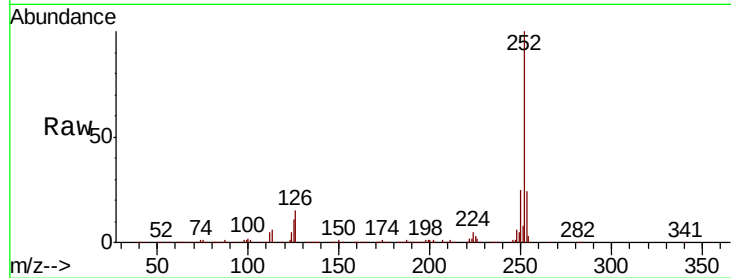
Tot Ion:252 Resp: 1414558

Ion Ratio Lower Upper

252 100

253 24.1 19.1 28.7

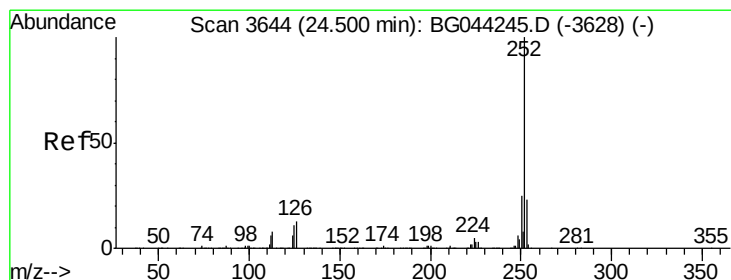
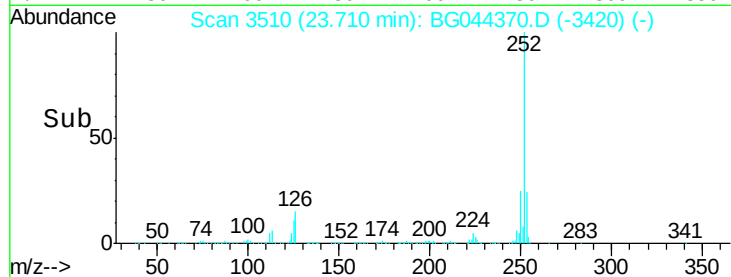
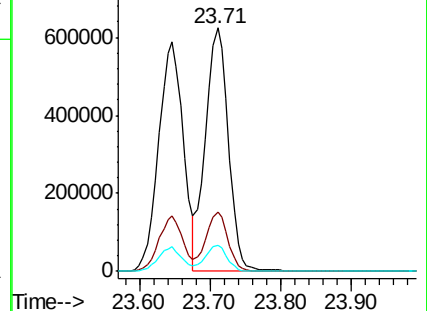
125 10.9 8.6 12.8



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: 48.648 ng

RT: 24.47 min Scan# 3640

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

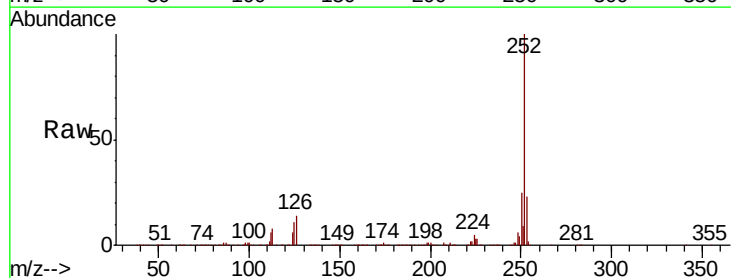
Tgt Ion:252 Resp: 1325706

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

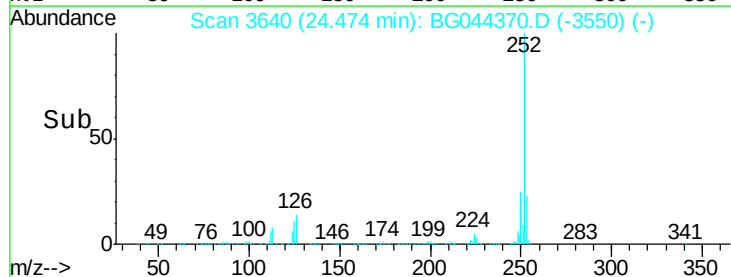
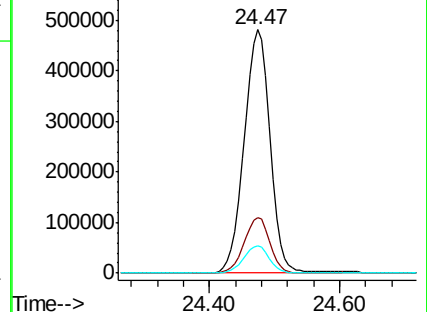
125 11.4 8.6 13.0

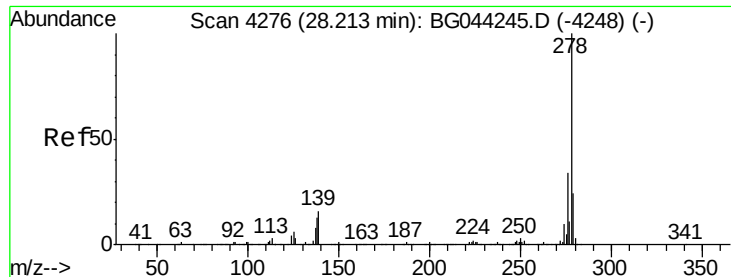


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



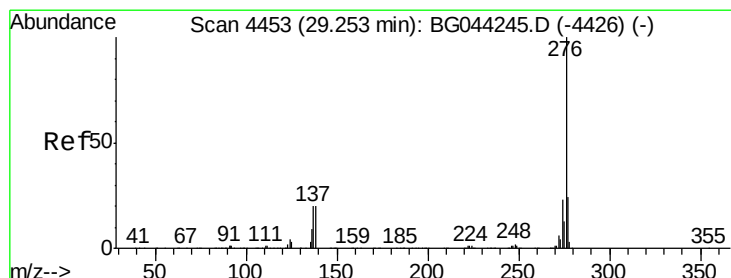
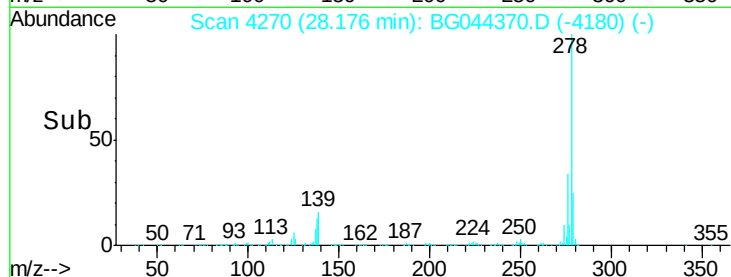
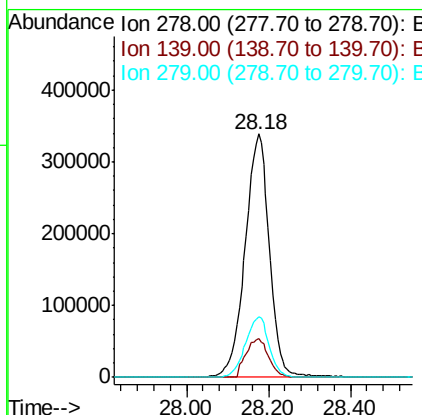
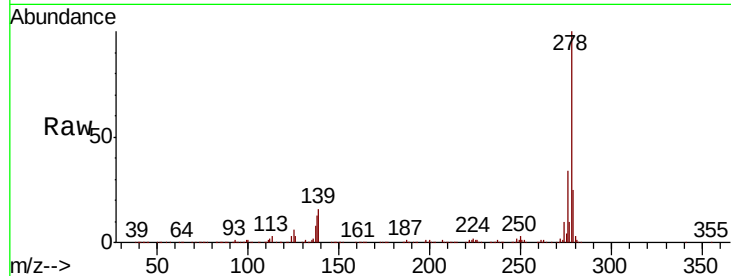


#91
Dibenzo(a,h)anthracene
Concen: 51.707 ng
RT: 28.18 min Scan# 4270
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1394520

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	25.0	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 52.061 ng
RT: 29.20 min Scan# 4445
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:276 Resp: 1405566

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	20.9	16.2	24.2

