

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044364.D
 Acq On : 10 Feb 2020 19:59
 Operator : CG/JU
 Sample : L1470-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 02:52:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	61746	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	271517	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	192921	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	470078	20.00	ng	0.00
76) Chrysene-d12	21.53	240	459232	20.00	ng	0.00
87) Perylene-d12	24.62	264	492432	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	341432	97.59	ng	0.00
7) Phenol-d6	7.08	99	469841	100.00	ng	0.00
23) Nitrobenzene-d5	9.06	82	275443	57.27	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	219011	96.70	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	677455	58.80	ng	0.00
79) Terphenyl-d14	19.90	244	1266746	56.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	57140	36.350	ng	99
3) Pyridine	3.76	79	136826	32.671	ng	98
4) n-Nitrosodimethylamine	3.67	42	68857	39.346	ng	99
6) Aniline	7.22	93	147615	25.313	ng	99
8) 2-Chlorophenol	7.47	128	185924	48.353	ng	98
9) Benzaldehyde	7.04	77	74394	27.803	ng	96
10) Phenol	7.10	94	231290	49.744	ng	99
11) bis(2-Chloroethyl)ether	7.32	93	163444	41.117	ng	98
12) 1,3-Dichlorobenzene	7.79	146	185311	40.364	ng	97
13) 1,4-Dichlorobenzene	7.94	146	186372	40.988	ng	99
14) 1,2-Dichlorobenzene	8.26	146	178035	41.424	ng	99
15) Benzyl Alcohol	8.14	79	149165	44.845	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.43	45	212231	39.446	ng	100
17) 2-Methylphenol	8.35	107	157923	47.604	ng	99
18) Hexachloroethane	8.99	117	65958	38.656	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	131904	42.127	ng	98
20) 3+4-Methylphenols	8.68	107	219382	47.985	ng	97
22) Acetophenone	8.72	105	256889	38.892	ng	97
24) Nitrobenzene	9.10	77	188169	40.078	ng	99
25) Isophorone	9.63	82	376710	42.025	ng	99
26) 2-Nitrophenol	9.82	139	104465	42.880	ng	98
27) 2,4-Dimethylphenol	9.88	122	181948	52.907	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	235413	39.368	ng	99
29) 2,4-Dichlorophenol	10.36	162	190937	45.917	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	184984	38.796	ng	100
31) Naphthalene	10.76	128	550078	41.757	ng	99
32) Benzoic acid	10.03	122	60968	33.140	ng	93
33) 4-Chloroaniline	10.87	127	72331	12.073	ng	98
34) Hexachlorobutadiene	11.05	225	110157	37.546	ng	99
35) Caprolactam	11.62	113	35411	23.247	ng	96
36) 4-Chloro-3-methylphenol	11.99	107	208466	47.815	ng	98
37) 2-Methylnaphthalene	12.37	142	420770	43.020	ng	98
38) 1-Methylnaphthalene	12.58	142	398115	43.174	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	208500	36.130	ng	98

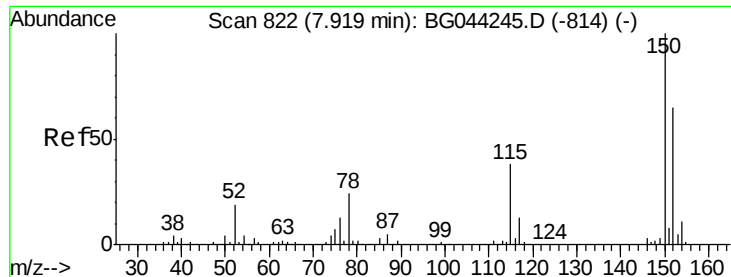
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044364.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	238548	86.148	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	155788	41.764	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	171026	44.889	ng	97
46) 1,1'-Biphenyl	13.38	154	545349	39.190	ng	98
47) 2-Chloronaphthalene	13.42	162	431835	38.998	ng	98
48) 2-Nitroaniline	13.62	65	129307	39.568	ng	96
49) Acenaphthylene	14.26	152	694250	42.745	ng	99
50) Dimethylphthalate	14.00	163	610173	44.000	ng	99
51) 2,6-Dinitrotoluene	14.11	165	132444	42.834	ng	99
52) Acenaphthene	14.60	154	426438	40.508	ng	98
53) 3-Nitroaniline	14.45	138	63211	18.478	ng	89
54) 2,4-Dinitrophenol	14.65	184	144635	79.043	ng	100
55) Dibenzofuran	14.94	168	681331	42.747	ng	97
56) 4-Nitrophenol	14.76	139	263165	105.022	ng	99
57) 2,4-Dinitrotoluene	14.90	165	191732	44.242	ng	97
58) Fluorene	15.59	166	545067	43.418	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	161060	46.800	ng	98
60) Diethylphthalate	15.37	149	607890	43.992	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	286721	42.122	ng	99
62) 4-Nitroaniline	15.61	138	140164	41.005	ng	98
63) Azobenzene	15.88	77	529029	43.683	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	118283	45.584	ng	99
66) n-Nitrosodiphenylamine	15.80	169	524168	39.789	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	194858	38.047	ng	97
68) Hexachlorobenzene	16.60	284	216699	37.767	ng	99
69) Atrazine	16.75	200	214351	47.472	ng	98
70) Pentachlorophenol	16.94	266	238629	82.156	ng	97
71) Phenanthrene	17.33	178	939765	41.285	ng	99
72) Anthracene	17.42	178	971974	43.190	ng	99
73) Carbazole	17.69	167	893854	43.084	ng	99
74) Di-n-butylphthalate	18.25	149	1116464	43.547	ng	99
75) Fluoranthene	19.34	202	1166054	44.282	ng	100
77) Benzidine	19.52	184	409736	32.166	ng	97
78) Pyrene	19.70	202	1167143	39.575	ng	98
80) Butylbenzylphthalate	20.59	149	501188	37.291	ng	98
81) Benzo(a)anthracene	21.51	228	1101038	38.902	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	194590	17.715	ng	99
83) Chrysene	21.58	228	1058662	38.697	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	725213	39.203	ng	99
85) Di-n-octyl phthalate	22.60	149	1247422	38.973	ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1367877	38.325	ng	100
88) Benzo(b)fluoranthene	23.65	252	1178921	41.547	ng	99
89) Benzo(k)fluoranthene	23.71	252	1150810	41.612	ng	99
90) Benzo(a)pyrene	24.47	252	1086238	40.488	ng	99
91) Dibenzo(a,h)anthracene	28.17	278	1130509	42.578	ng	99
92) Benzo(g,h,i)perylene	29.20	276	1155777	43.483	ng	97

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

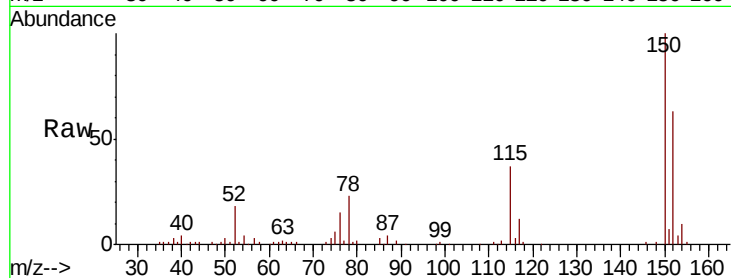


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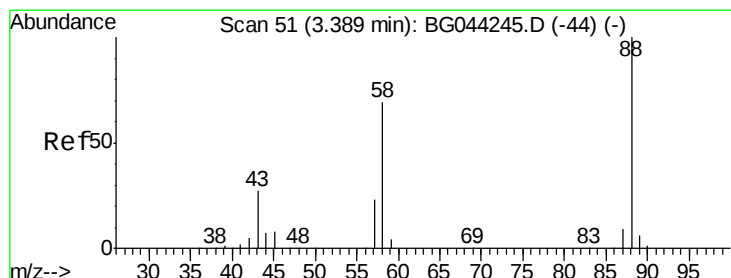
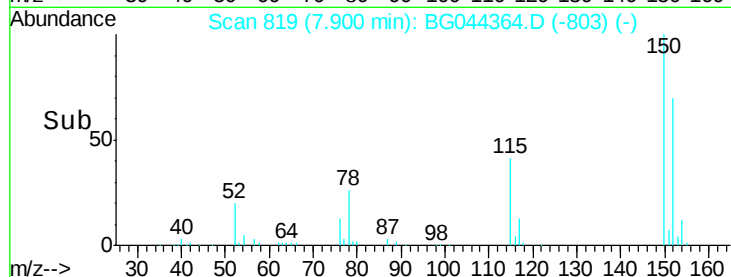
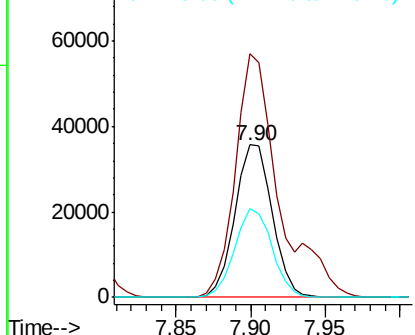
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61746
Ion Ratio Lower Upper
152 100
150 159.6 122.6 183.8
115 58.4 46.0 69.0



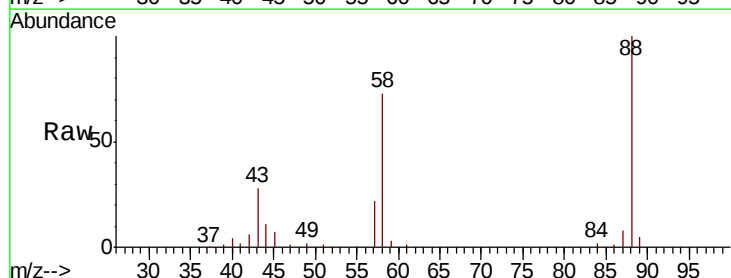
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



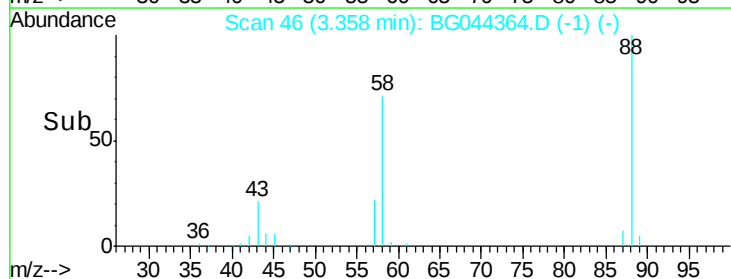
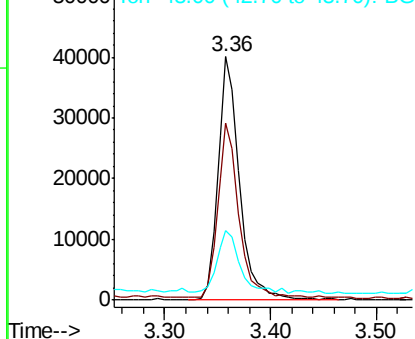
#2

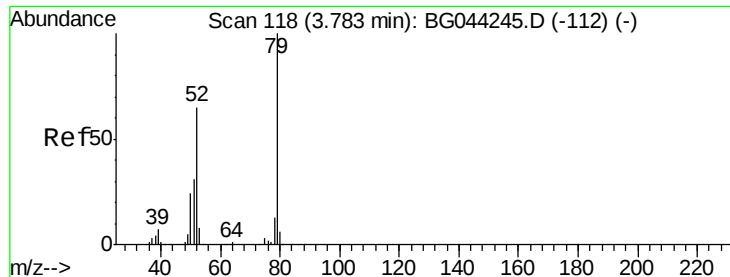
1,4-Dioxane
Concen: 36.350 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion: 88 Resp: 57140
Ion Ratio Lower Upper
88 100
58 69.9 55.8 83.6
43 27.9 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: 32.671 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampled :

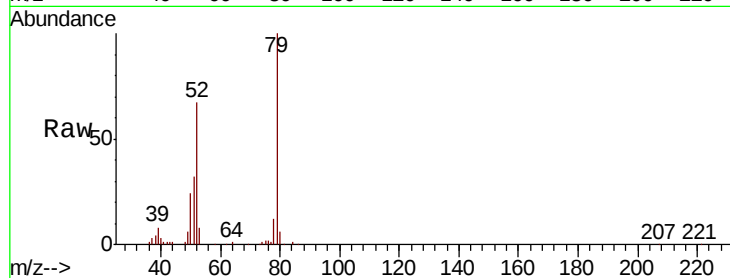
Tot Ion: 79 Resp: 136826

Ion Ratio Lower Upper

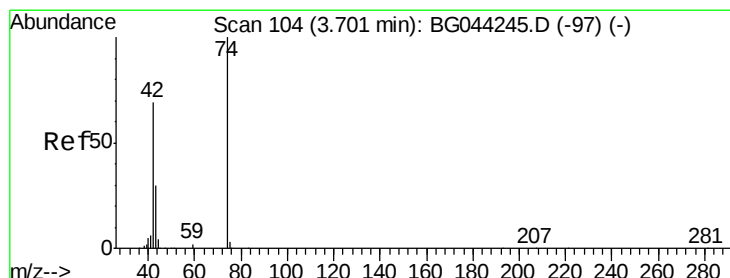
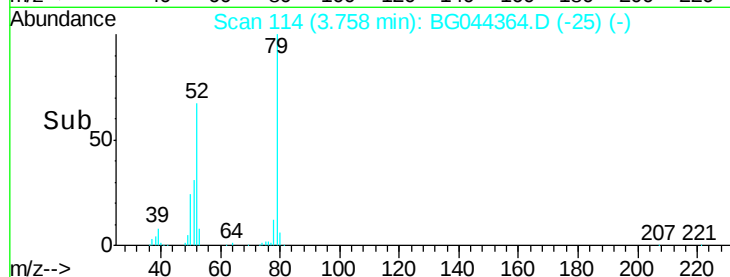
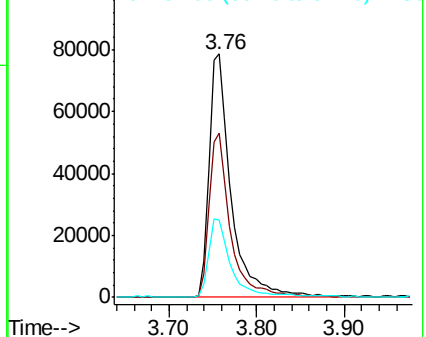
79 100

52 67.2 51.9 77.9

51 32.0 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: 39.346 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

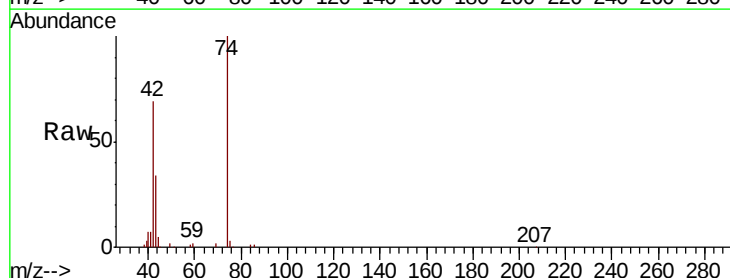
Tgt Ion: 42 Resp: 68857

Ion Ratio Lower Upper

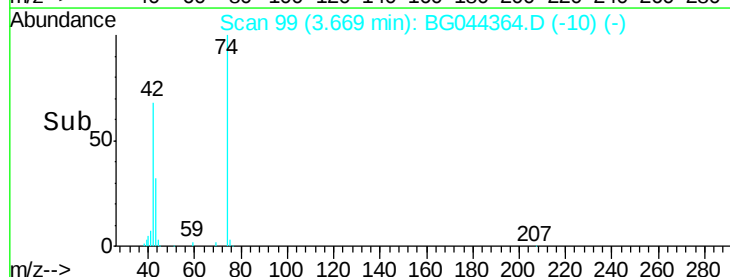
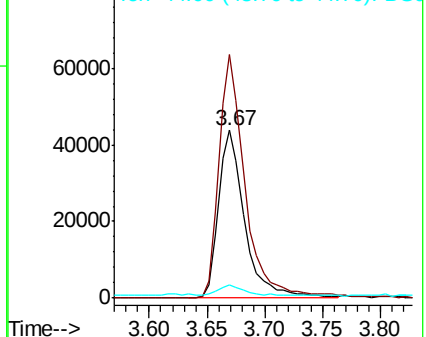
42 100

74 145.3 115.1 172.7

44 7.9 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: 97.589 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampled :

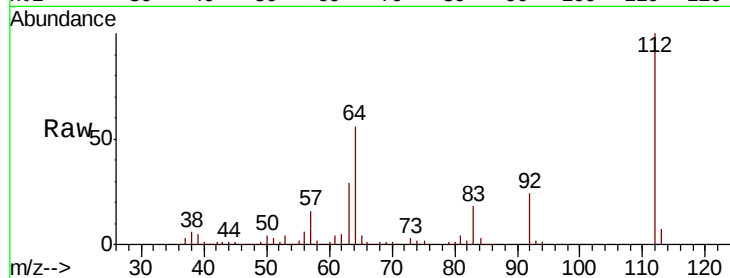
Tot Ion:112 Resp: 341432

Ion Ratio Lower Upper

112 100

64 56.4 45.4 68.2

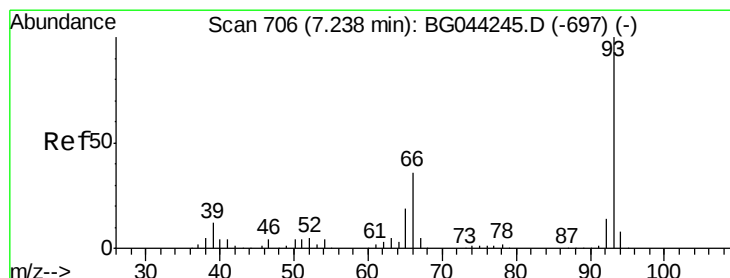
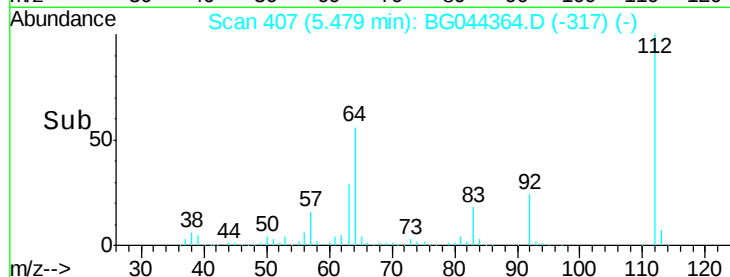
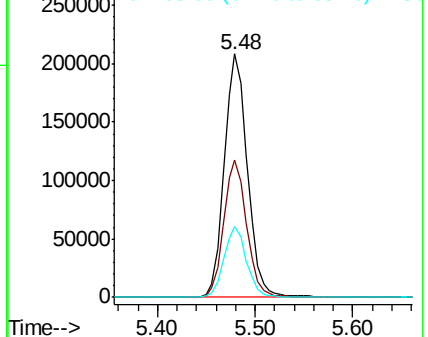
63 29.3 22.9 34.3



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: 25.313 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

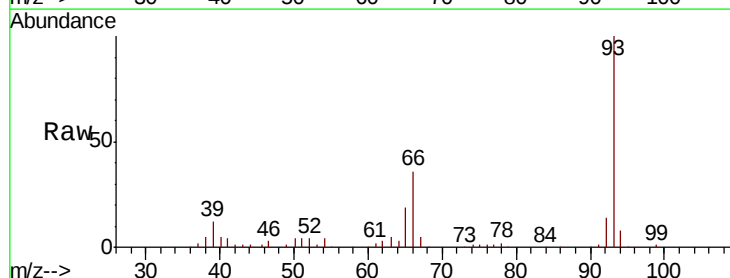
Tgt Ion: 93 Resp: 147615

Ion Ratio Lower Upper

93 100

66 36.4 28.7 43.1

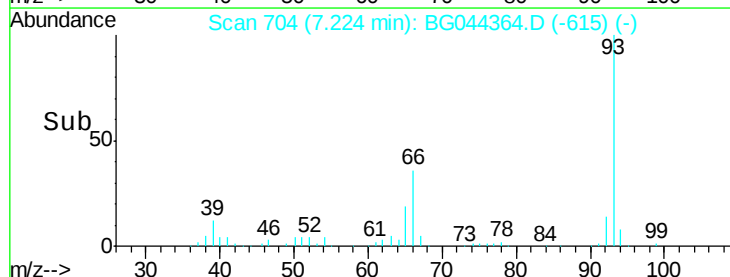
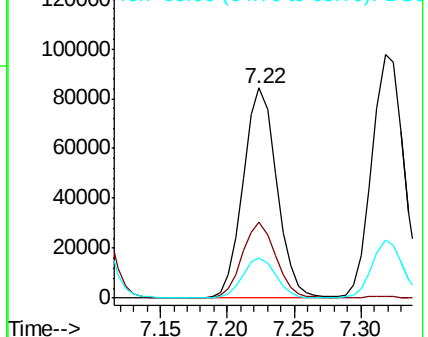
65 19.1 15.4 23.0

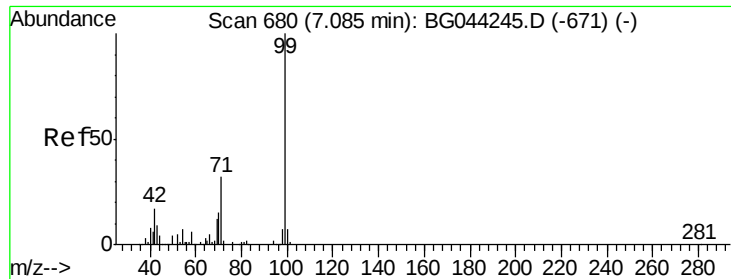


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.005 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

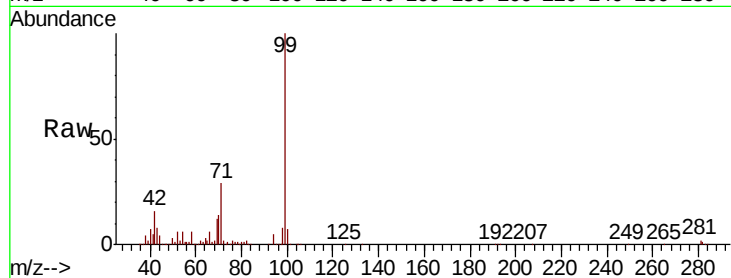
Tot Ion: 99 Resp: 469841

Ion Ratio Lower Upper

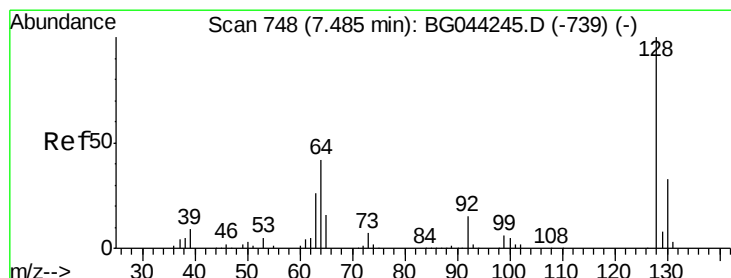
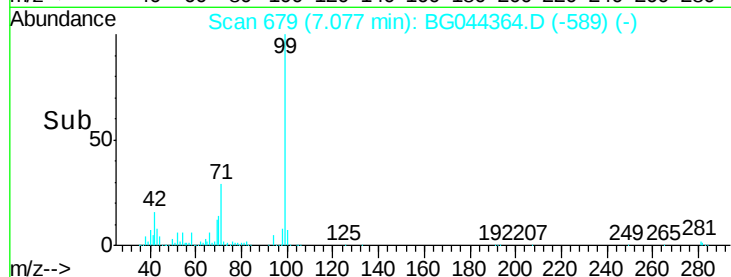
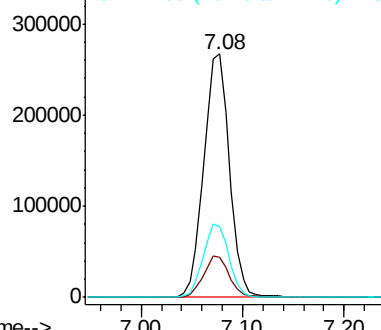
99 100

42 16.2 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: 48.353 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

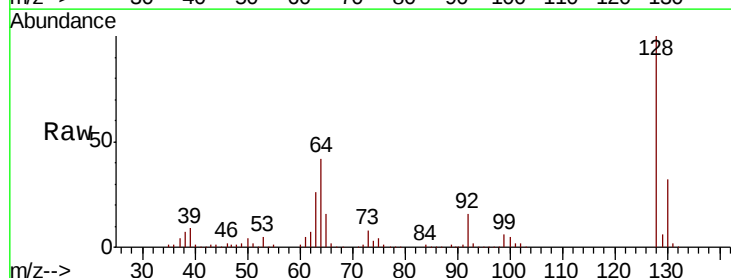
Tgt Ion: 128 Resp: 185924

Ion Ratio Lower Upper

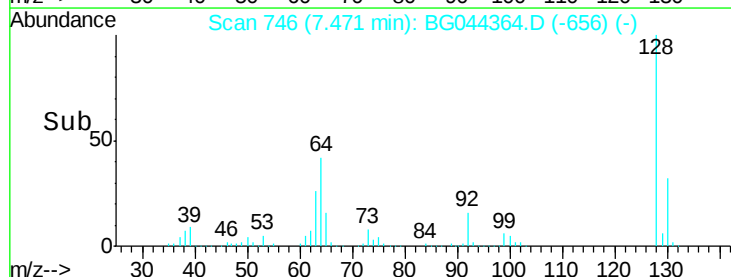
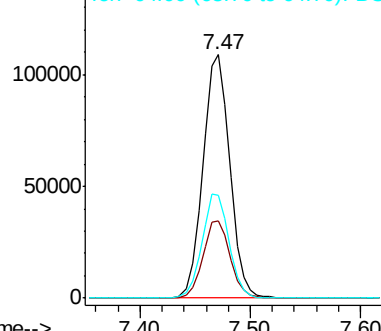
128 100

130 31.9 12.5 52.5

64 42.1 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: 27.803 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampled :

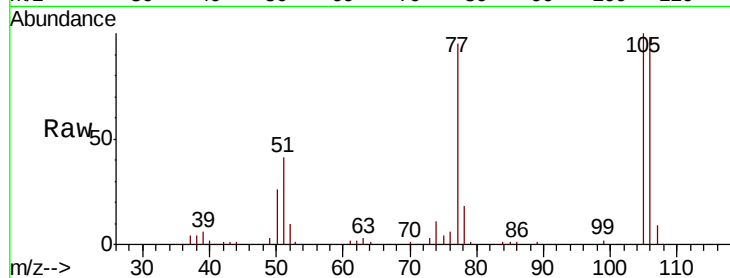
Tot Ion: 77 Resp: 74394

Ion Ratio Lower Upper

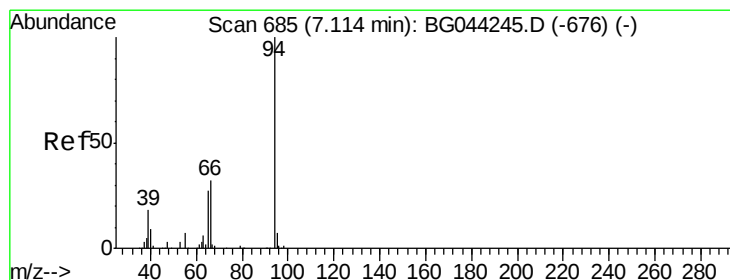
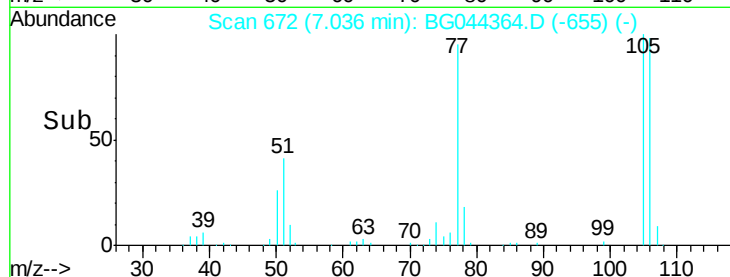
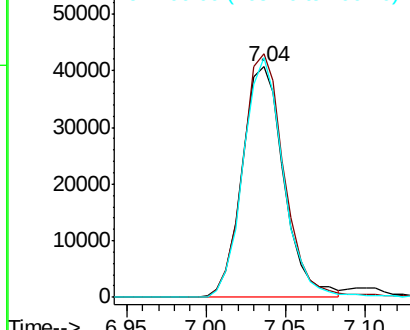
77 100

105 105.7 82.0 122.0

106 104.1 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: 49.744 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

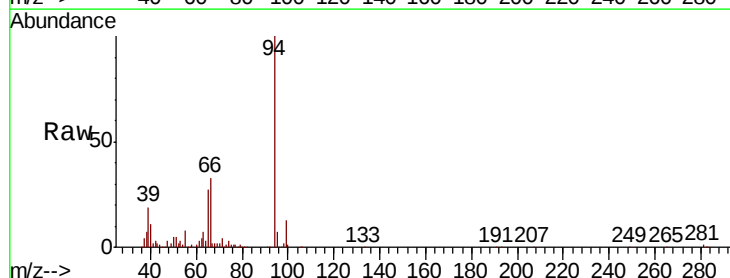
Tgt Ion: 94 Resp: 231290

Ion Ratio Lower Upper

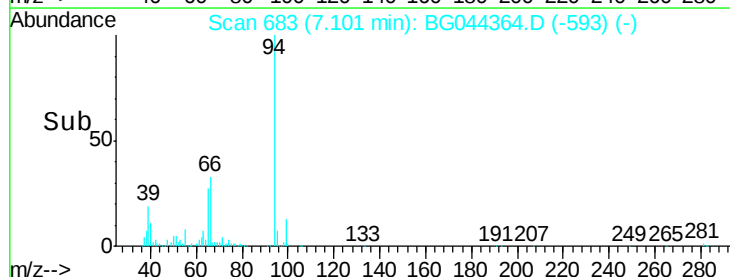
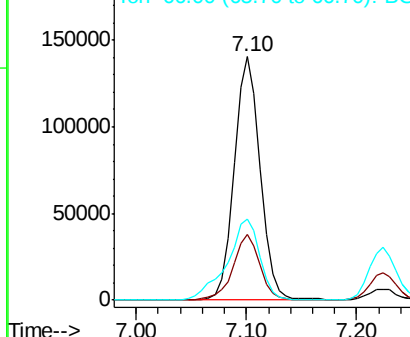
94 100

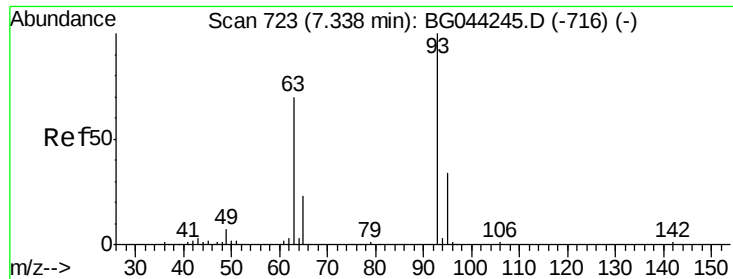
65 27.1 7.0 47.0

66 33.5 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

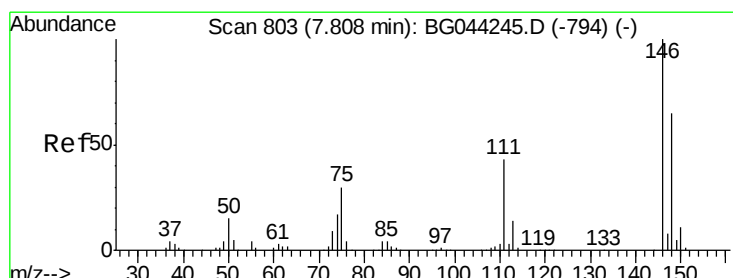
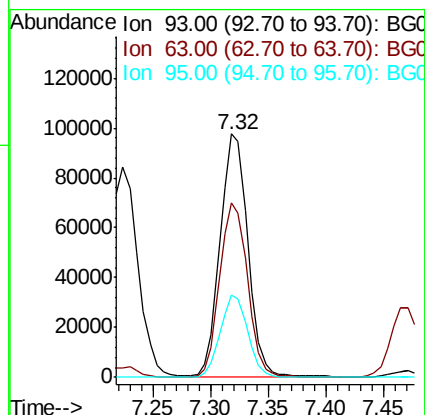
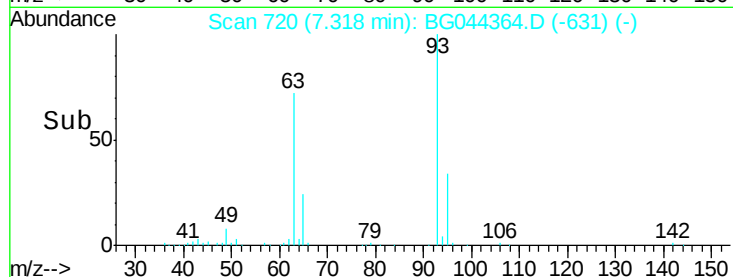
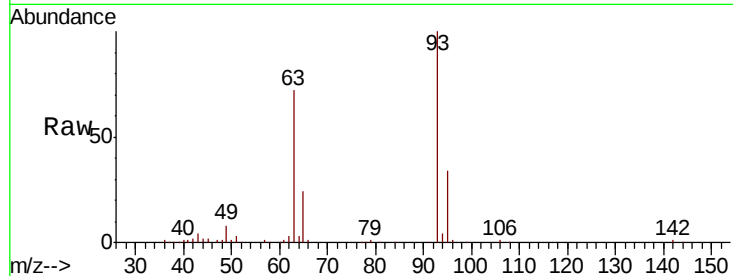




#11
bis(2-Chloroethyl)ether
Concen: 41.117 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

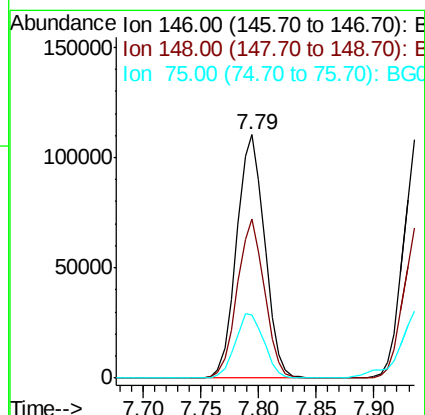
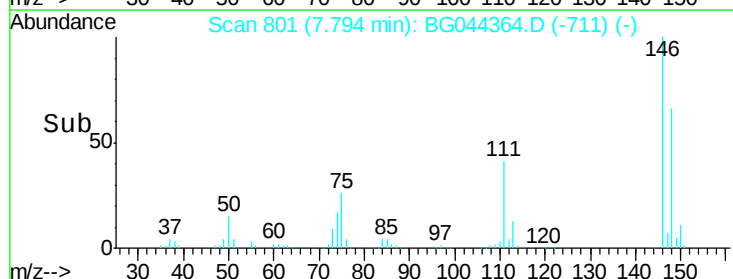
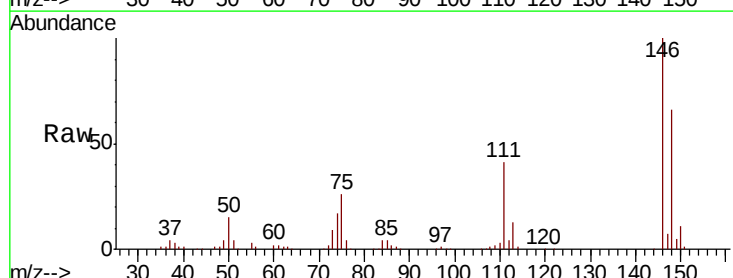
Instrument :
BNA_G
ClientSampleId :

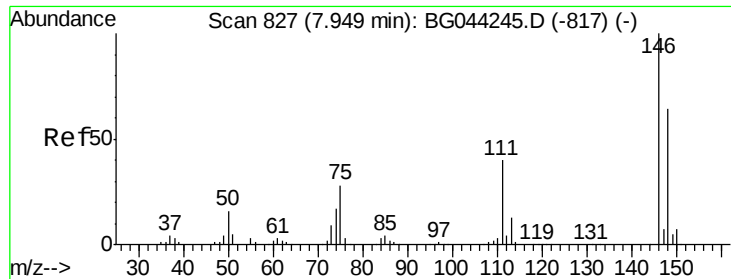
Tot Ion: 93 Resp: 163444
Ion Ratio Lower Upper
93 100
63 71.9 49.2 89.2
95 34.0 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.364 ng
RT: 7.79 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion: 146 Resp: 185311
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.8
75 26.1 23.7 35.5

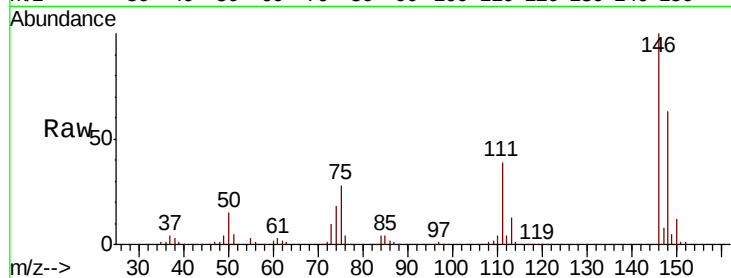




#13
 1,4-Dichlorobenzene
 Concen: 40.988 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.0
111	39.0	31.8	47.8

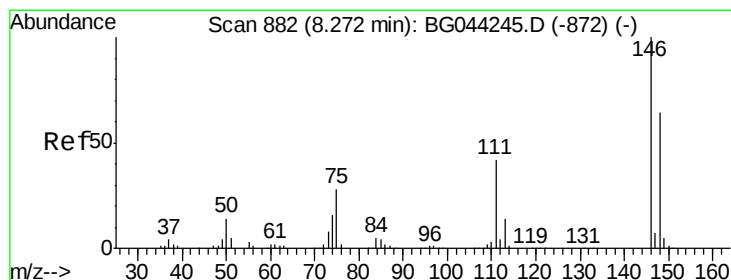
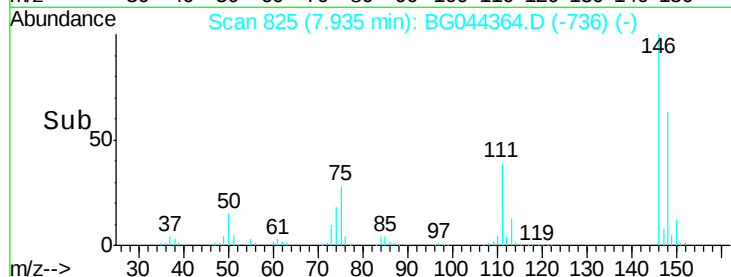
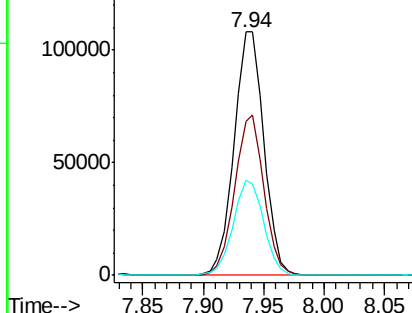


Abundance

Ion 146.00 (145.70 to 146.70): E

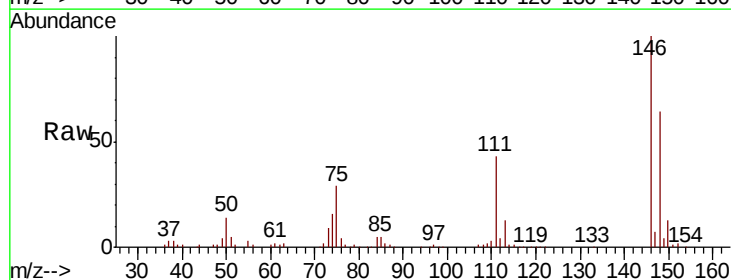
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.424 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
111	42.7	34.0	51.0

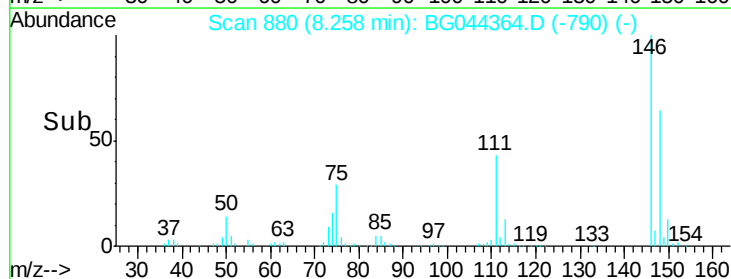
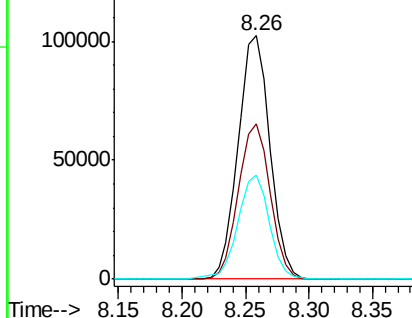


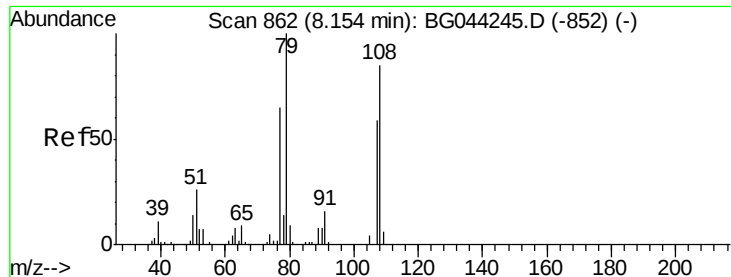
Abundance

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: 44.845 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampled :

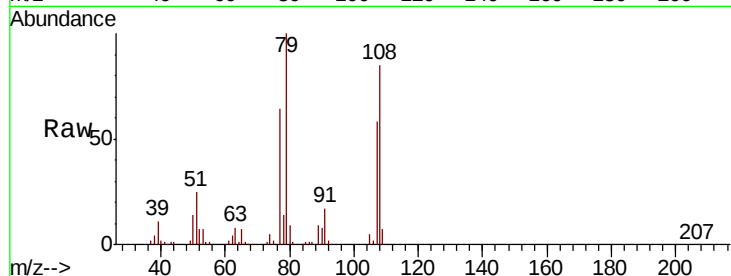
Tot Ion: 79 Resp: 149165

Ion Ratio Lower Upper

79 100

108 84.7 68.3 102.5

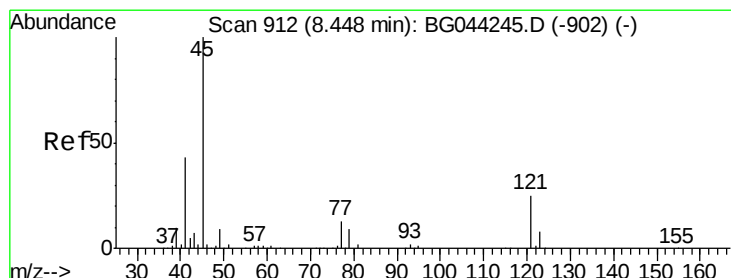
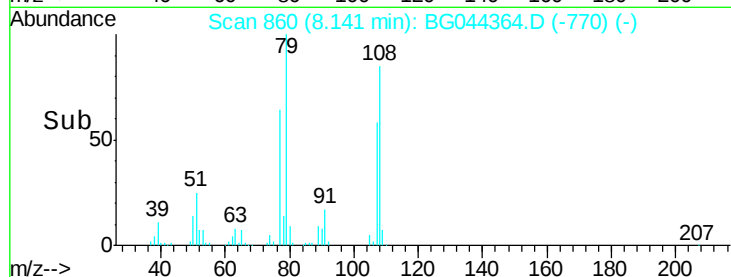
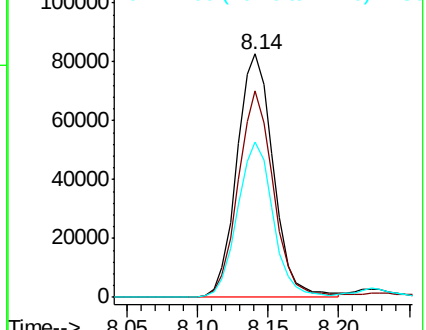
77 63.9 51.8 77.8



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: 39.446 ng

RT: 8.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

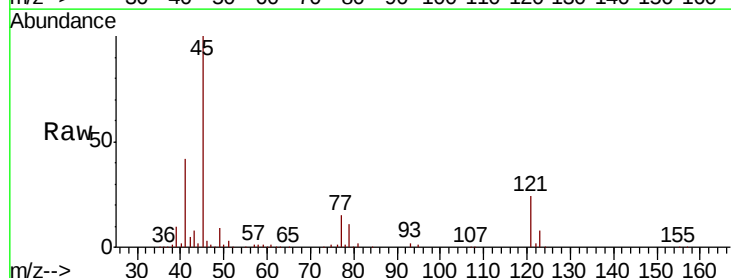
Tgt Ion: 45 Resp: 212231

Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.2

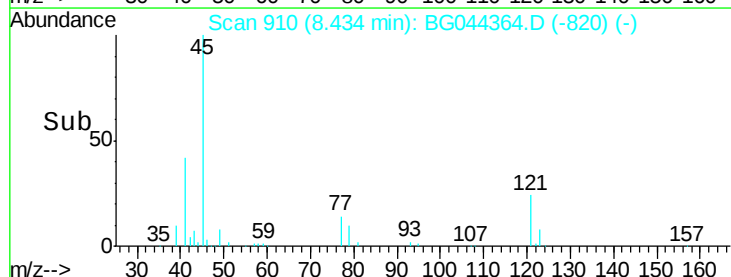
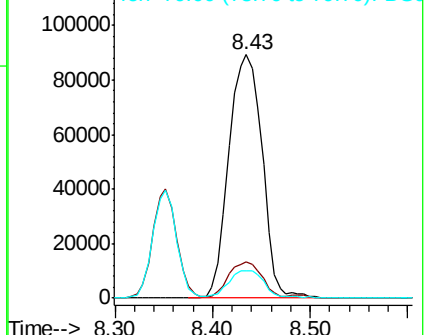
79 11.1 0.0 31.1



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

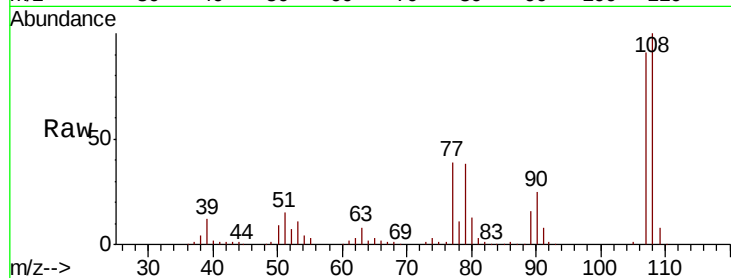




#17
2-Methylphenol
Concen: 47.604 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.7	86.4	129.6
77	42.3	34.0	51.0
79	42.0	32.9	49.3



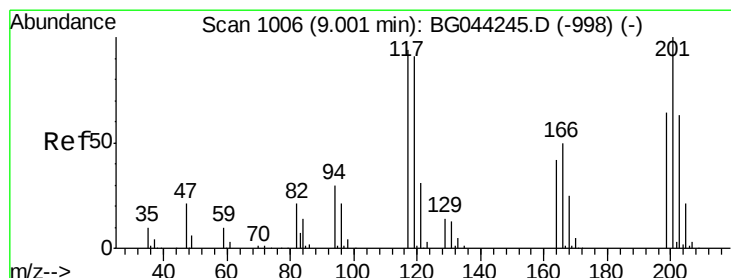
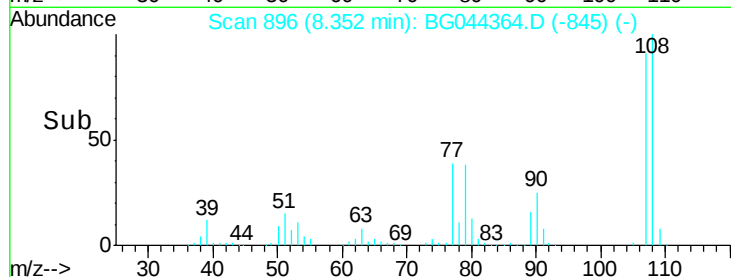
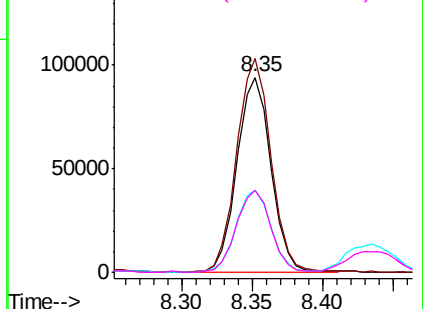
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

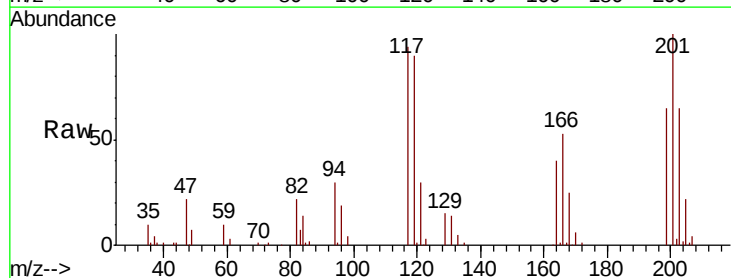
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.656 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.5	116.3
201	106.5	84.9	127.3

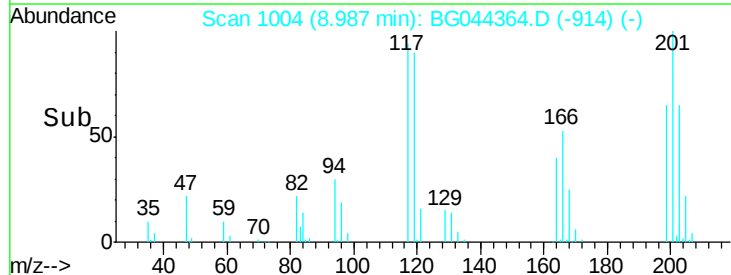
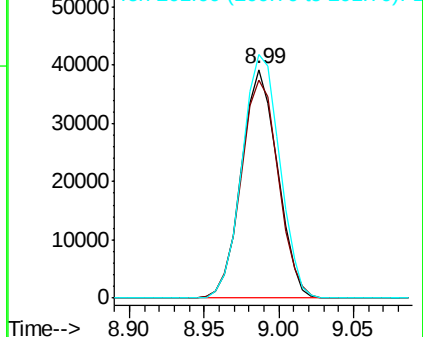


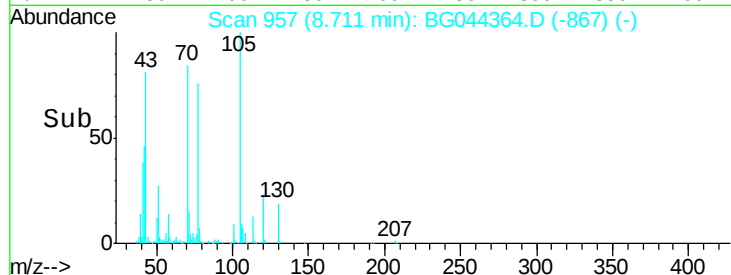
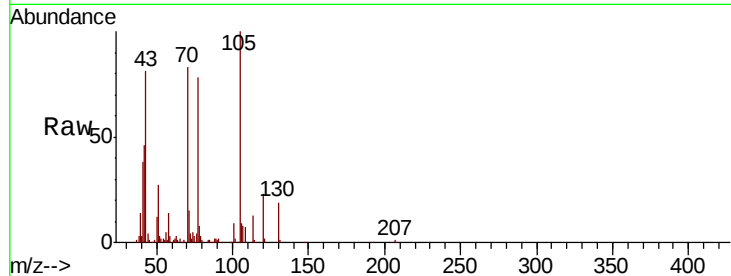
Abundance

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

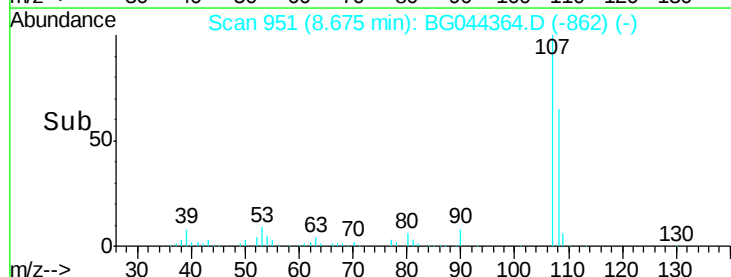
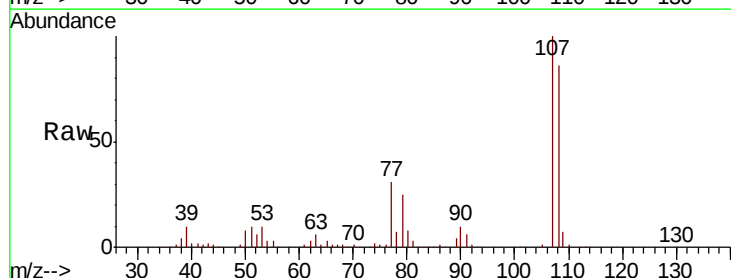
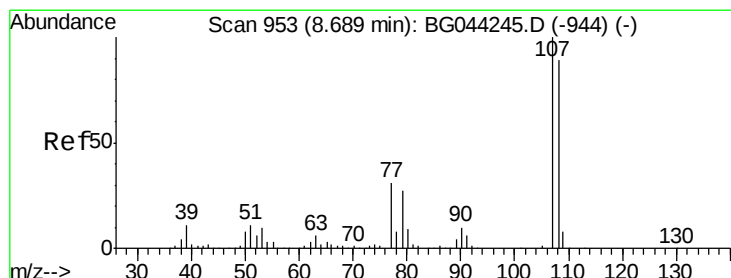
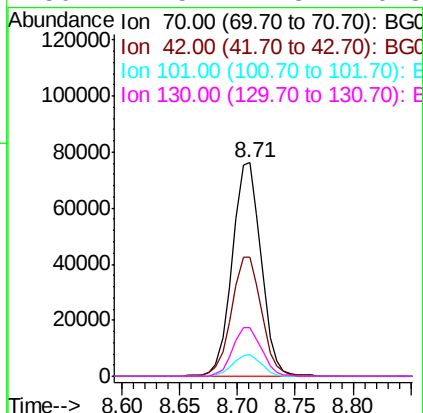




#19
n-Nitroso-di-n-propylamine
Concen: 42.127 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

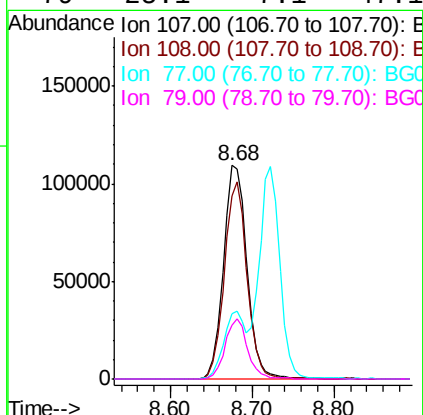
Instrument :
BNA_G
ClientSampled :

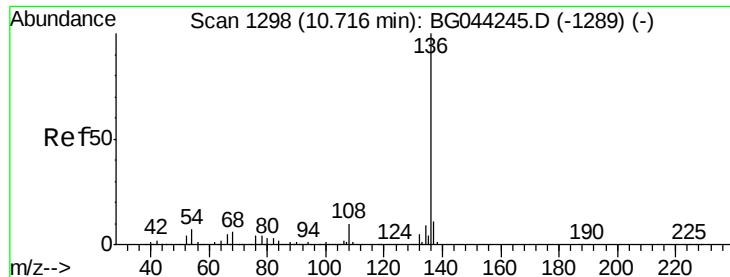
Tot Ion:	70	Resp:	131904
Ion	Ratio	Lower	Upper
70	100		
42	55.4	46.2	69.2
101	10.4	8.4	12.6
130	22.5	17.8	26.8



#20
3+4-Methylphenols
Concen: 47.985 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion:	107	Resp:	219382
Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.5	108.5
77	30.5	10.9	50.9
79	25.1	7.1	47.1

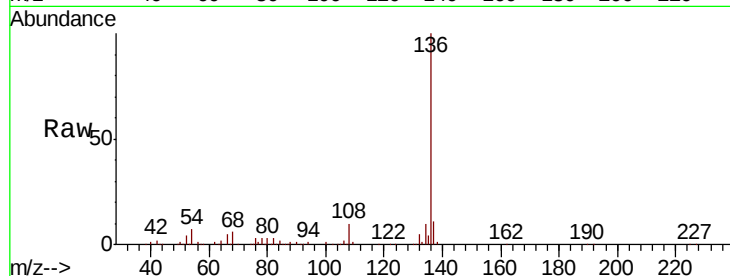




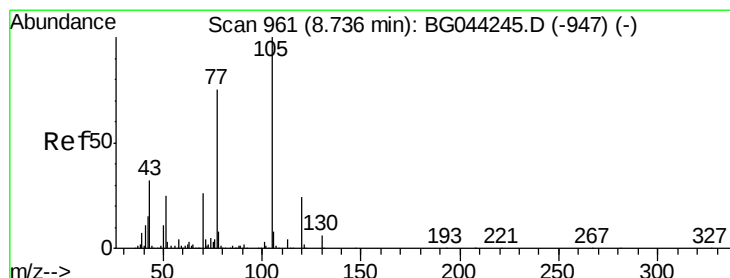
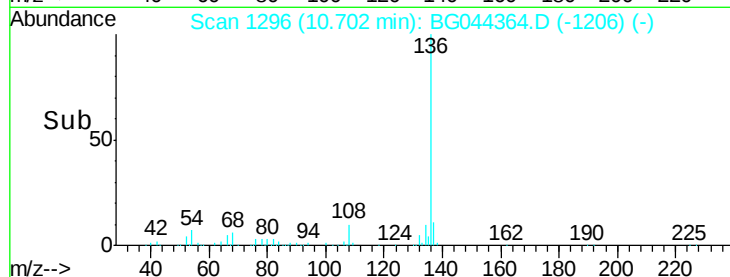
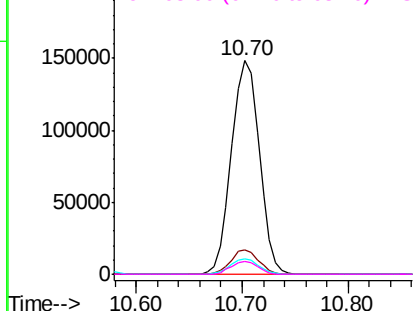
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	271517
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 7.5	5.8	8.8
68 6.2	4.6	6.8

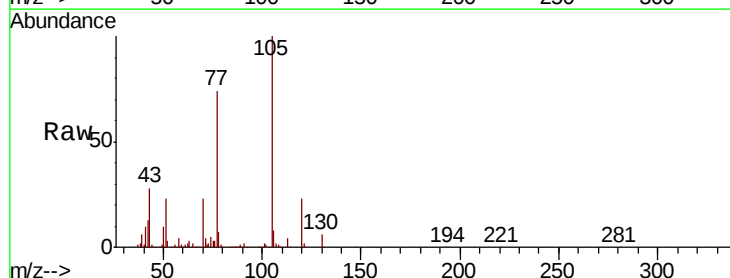


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

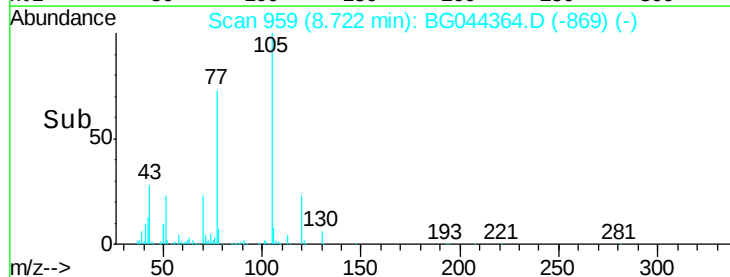
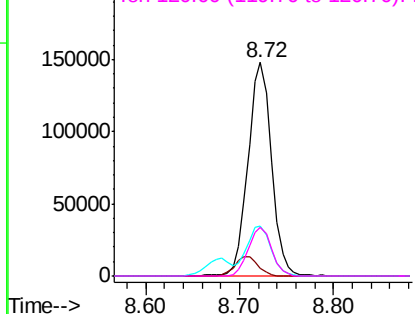


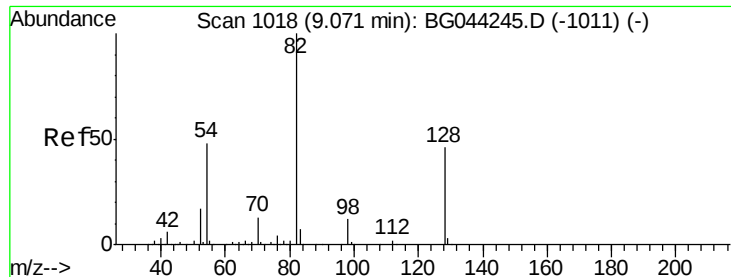
#22
Acetophenone
Concen: 38.892 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt	Ion:105	Resp:	256889
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.4	5.0
51	23.5	20.2	30.4
120	22.9	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

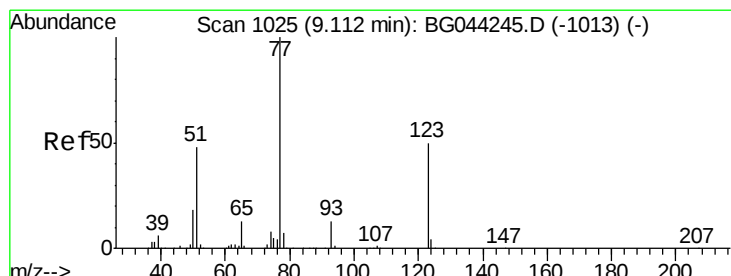
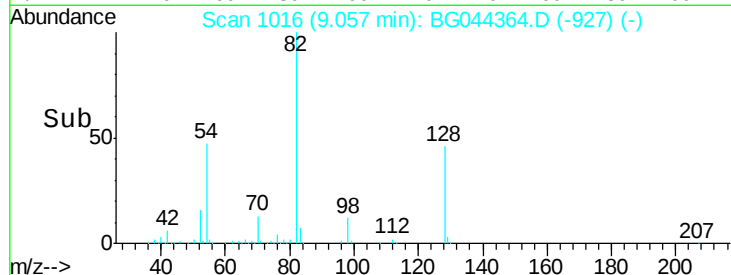
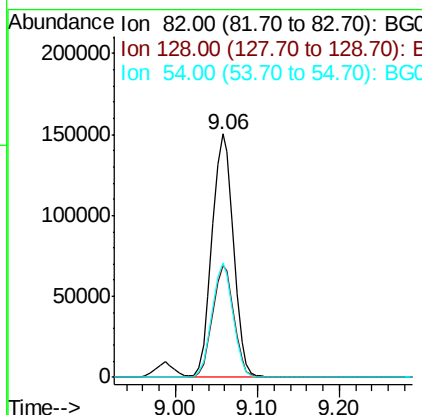
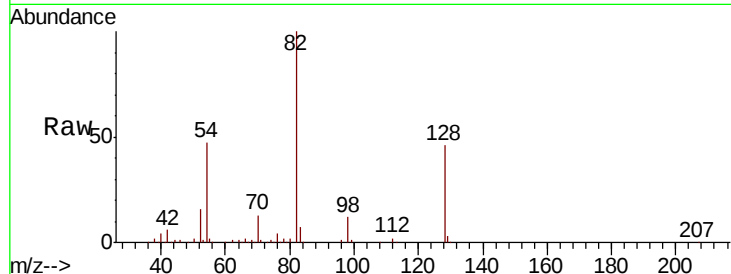




#23
 Nitrobenzene-d5
 Concen: 57.273 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

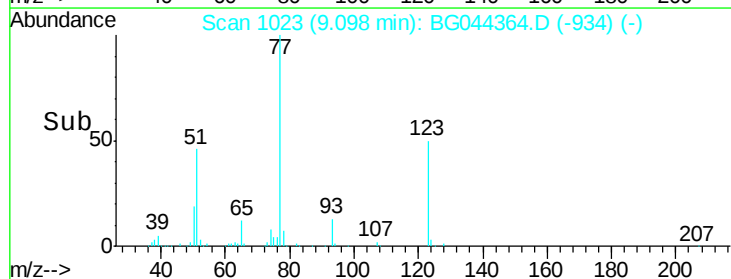
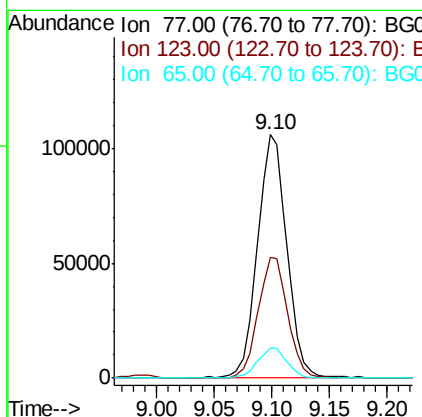
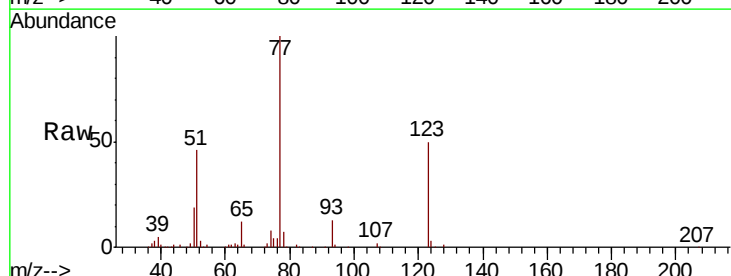
Instrument :
 BNA_G
 ClientSampled :

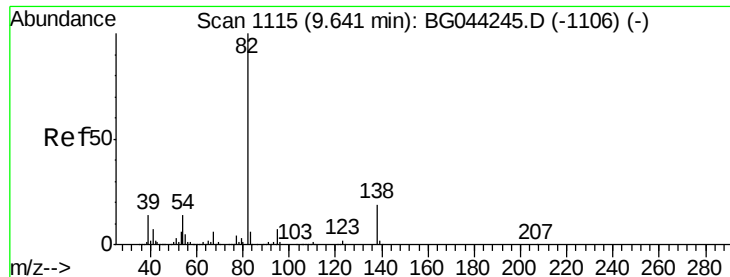
Tot Ion	82	Resp	275443
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.5	54.7
54	47.0	38.6	58.0



#24
 Nitrobenzene
 Concen: 40.078 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion	77	Resp	188169
Ion Ratio	Lower	Upper	
77	100		
123	49.6	39.9	59.9
65	12.2	10.4	15.6





#25

Isophorone

Concen: 42.025 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

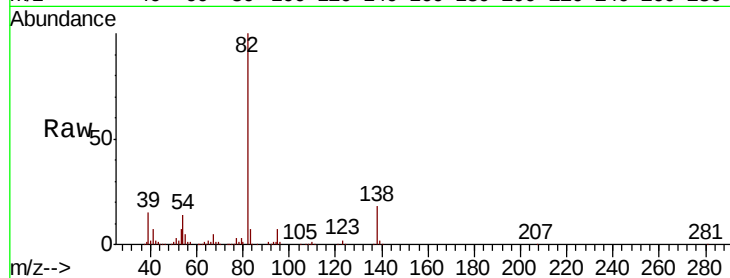
Tot Ion: 82 Resp: 376710

Ion Ratio Lower Upper

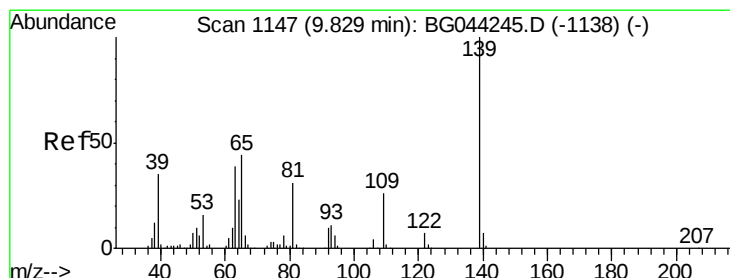
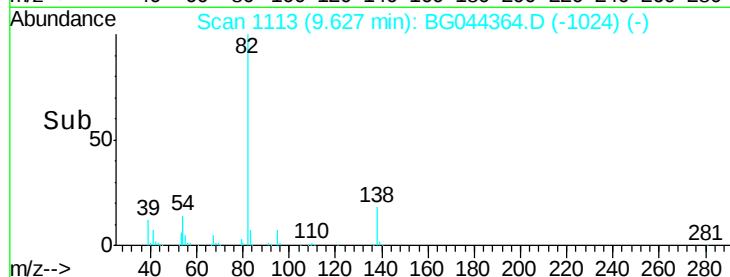
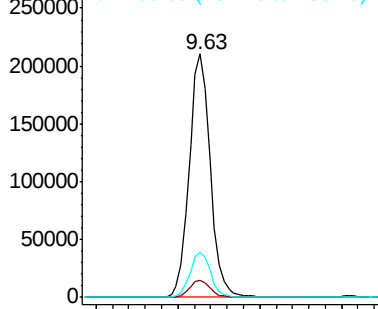
82 100

95 7.1 5.7 8.5

138 18.4 15.0 22.4



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



#26

2-Nitrophenol

Concen: 42.880 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

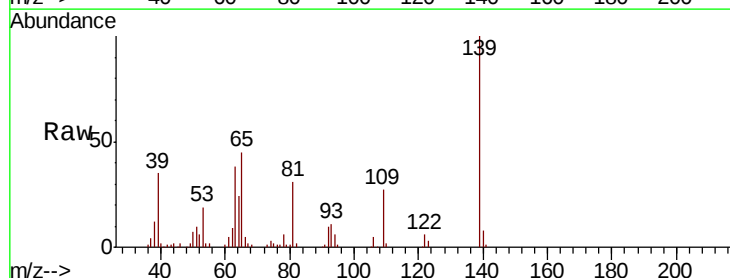
Tgt Ion: 139 Resp: 104465

Ion Ratio Lower Upper

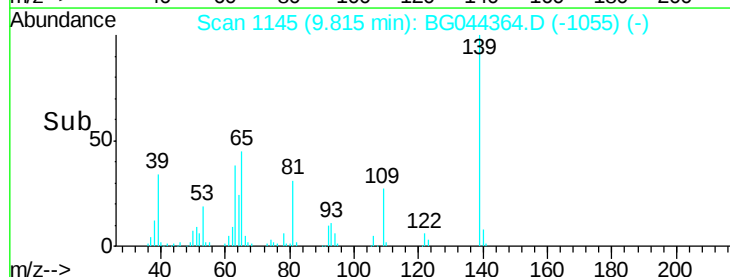
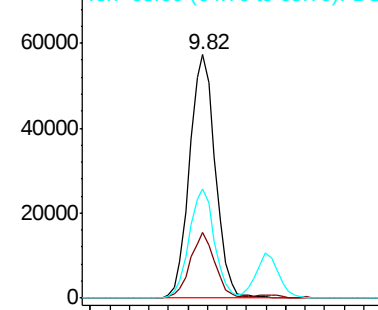
139 100

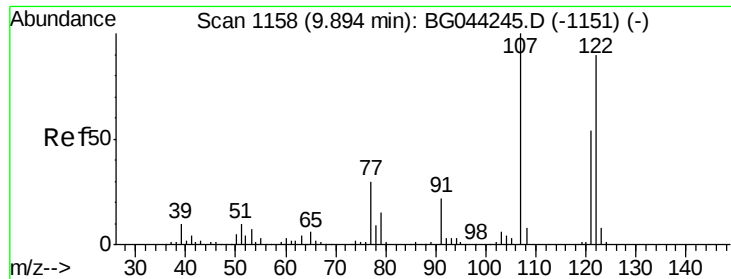
109 27.0 21.0 31.4

65 44.8 35.0 52.4



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

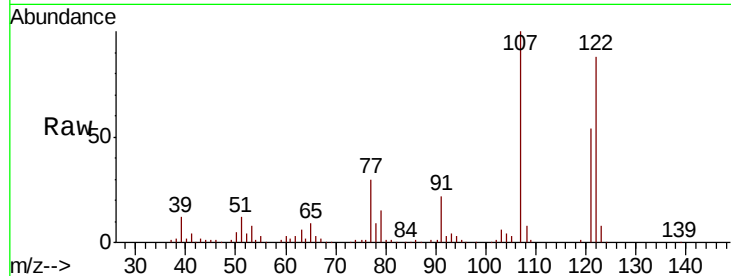




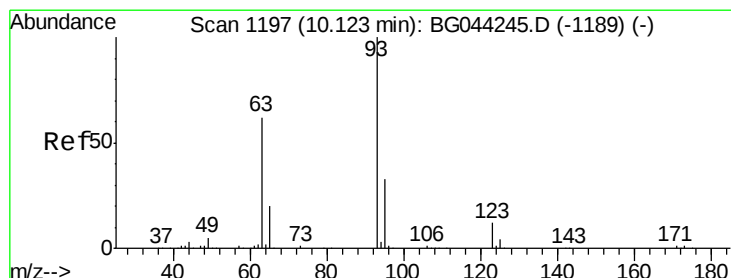
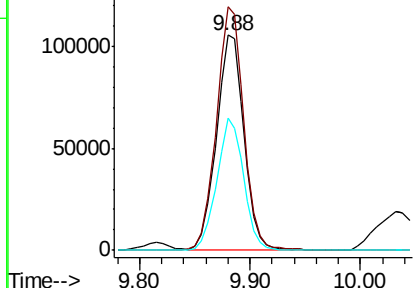
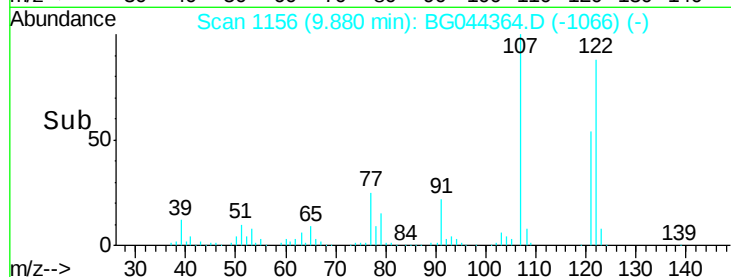
#27
 2,4-Dimethylphenol
 Concen: 52.907 ng
 RT: 9.88 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 181948
 Ion Ratio Lower Upper
 122 100
 107 113.2 88.8 133.2
 121 61.6 48.3 72.5

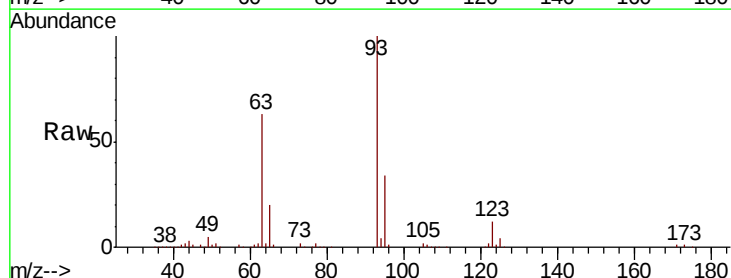


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

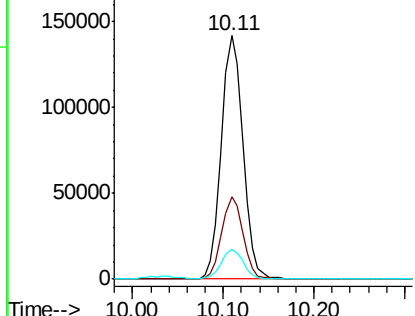
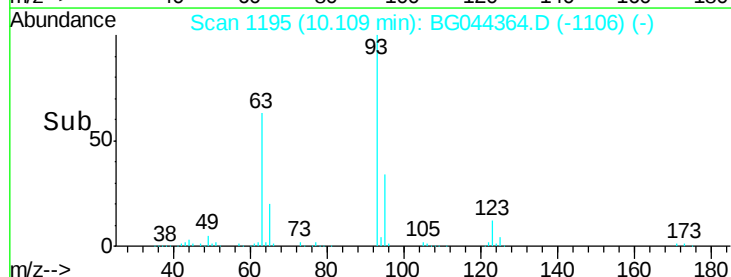


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.368 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion: 93 Resp: 235413
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.6 40.0
 123 12.1 10.0 15.0



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

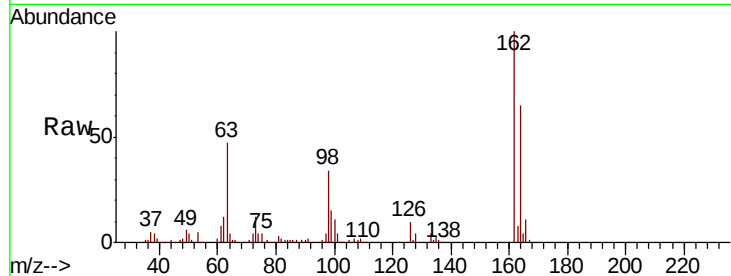




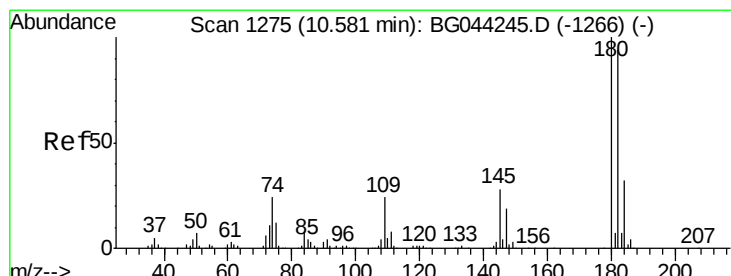
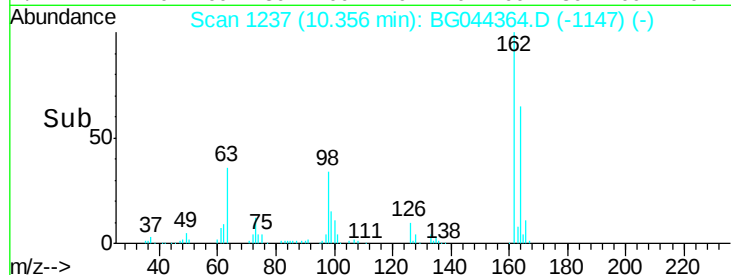
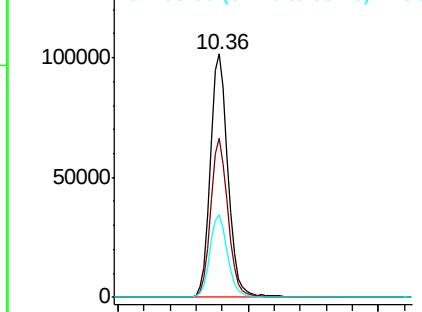
#29
2,4-Dichlorophenol
Concen: 45.917 ng
RT: 10.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.7	84.7
98	34.0	15.8	55.8

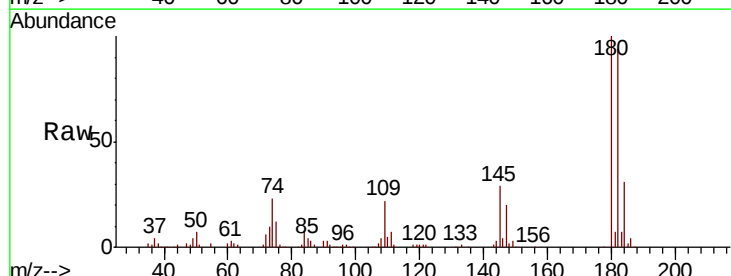


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

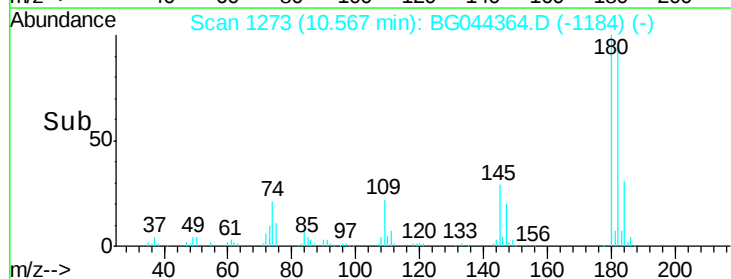
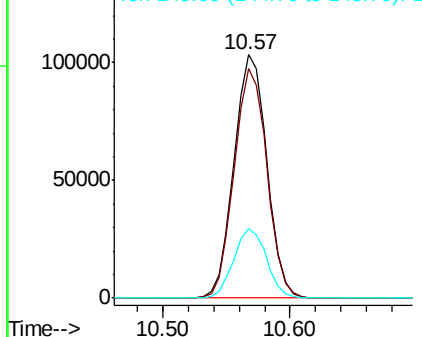


#30
1,2,4-Trichlorobenzene
Concen: 38.796 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.5	113.3
145	28.6	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

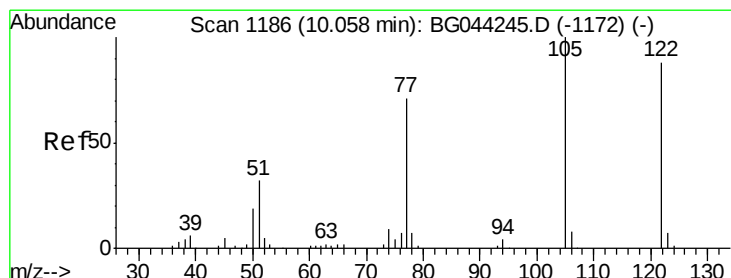
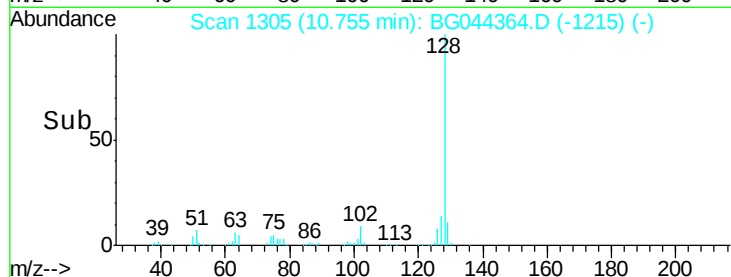
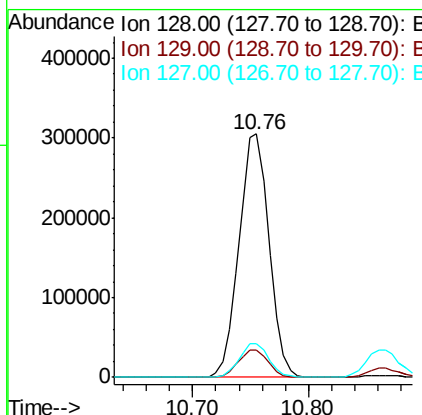
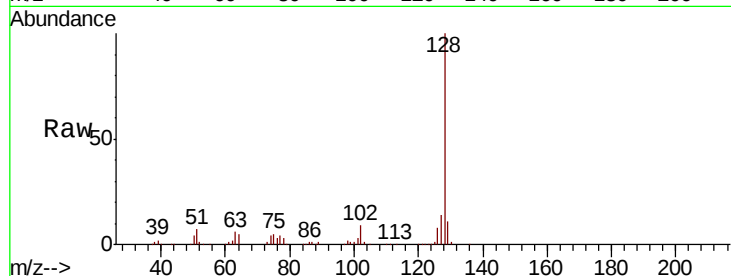




#31
Naphthalene
Concen: 41.757 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

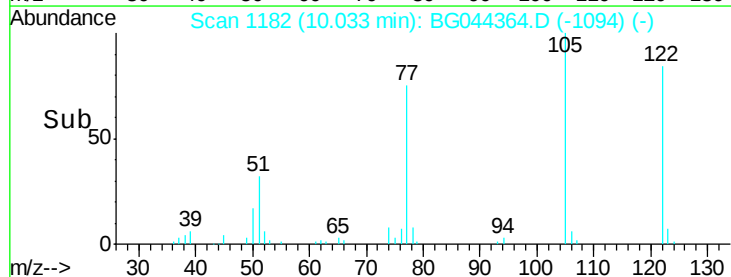
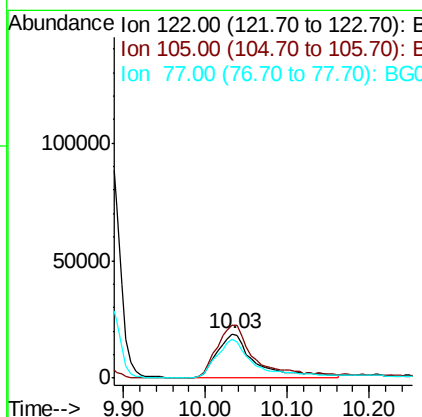
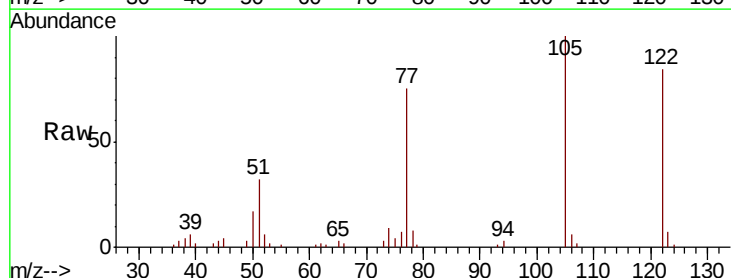
Instrument :
BNA_G
ClientSampleId :

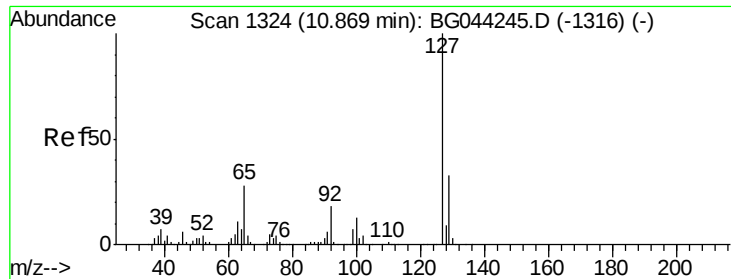
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.8	11.6	17.4



#32
Benzoic acid
Concen: 33.140 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.8	93.5	133.5
77	89.1	61.0	101.0

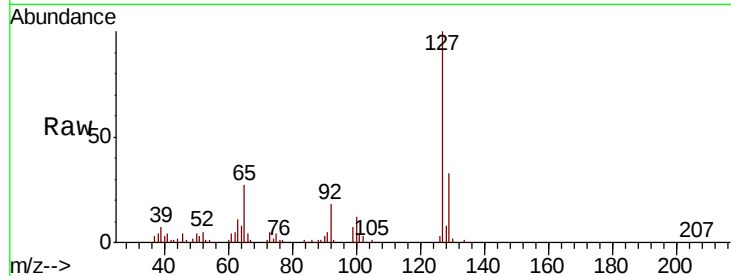




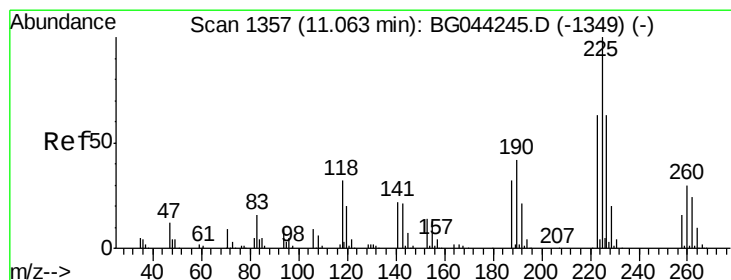
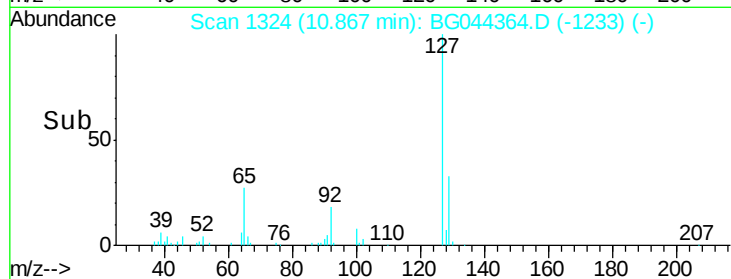
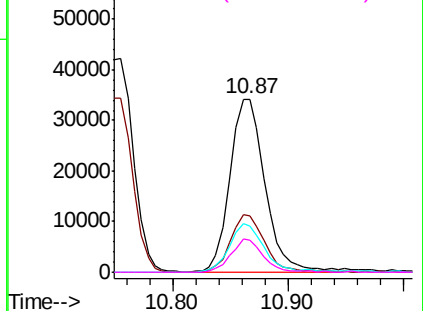
#33
4-Chloroaniline
Concen: 12.073 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	72331	
Ion Ratio	Lower	Upper	
127 100			
129 32.6	26.6	40.0	
65 27.0	22.5	33.7	
92 18.4	14.1	21.1	

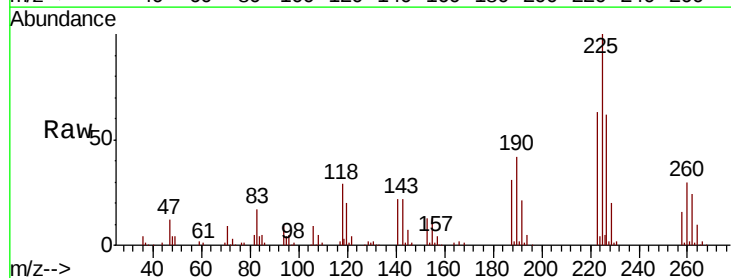


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

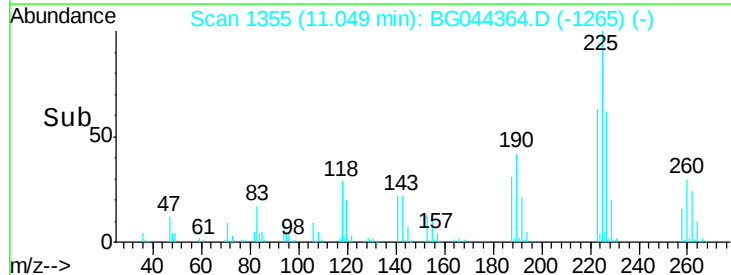
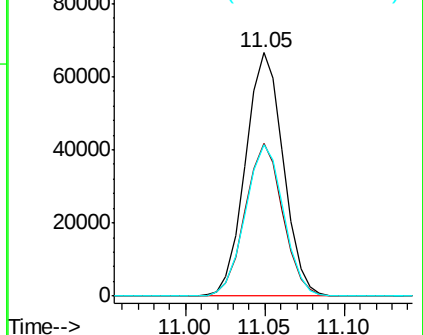


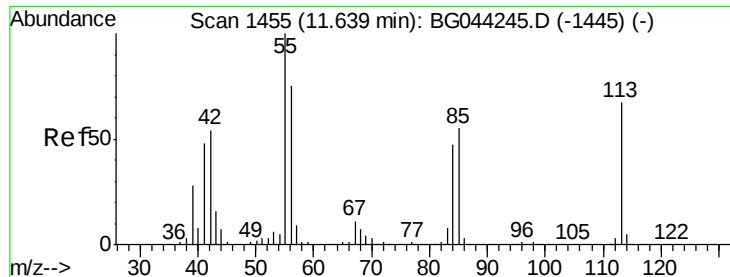
#34
Hexachlorobutadiene
Concen: 37.546 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	225	Resp:	110157
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.4
227	62.4	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: 23.247 ng

RT: 11.62 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

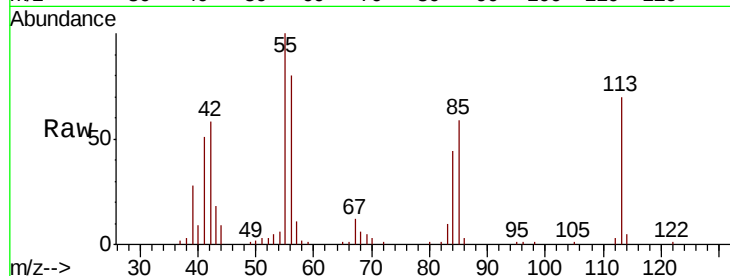
Tot Ion:113 Resp: 35411

Ion Ratio Lower Upper

113 100

55 142.0 129.9 169.9

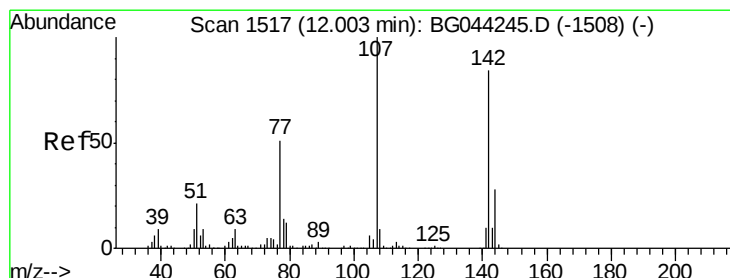
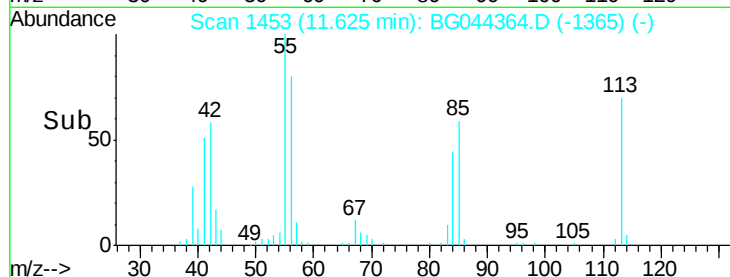
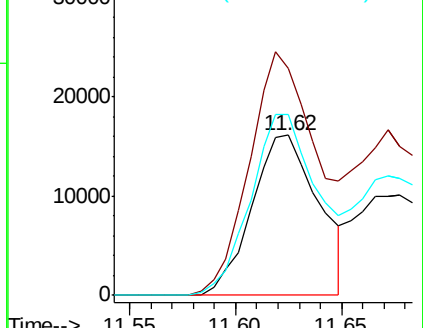
56 113.3 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.815 ng

RT: 11.99 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

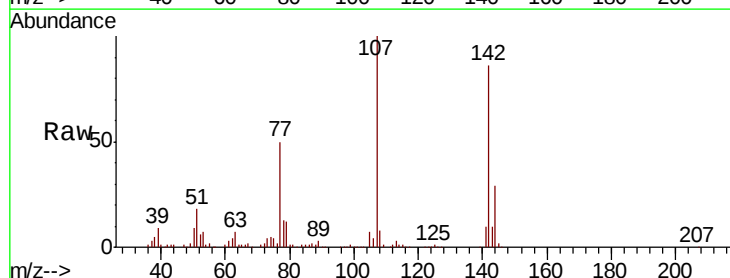
Tgt Ion:107 Resp: 208466

Ion Ratio Lower Upper

107 100

144 28.5 22.2 33.4

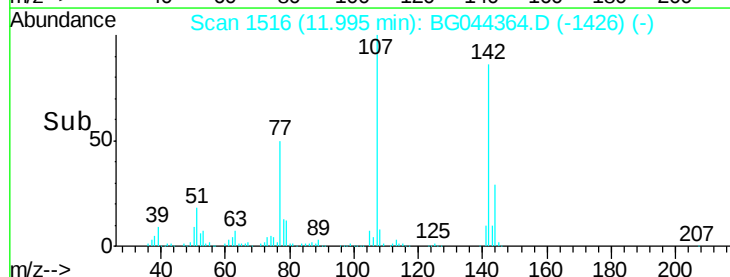
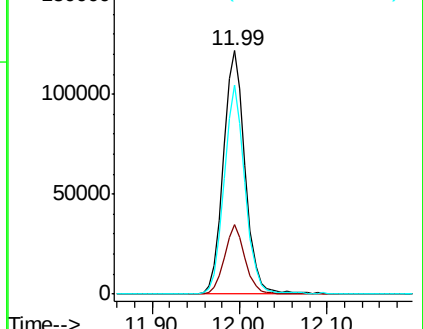
142 85.6 67.4 101.0

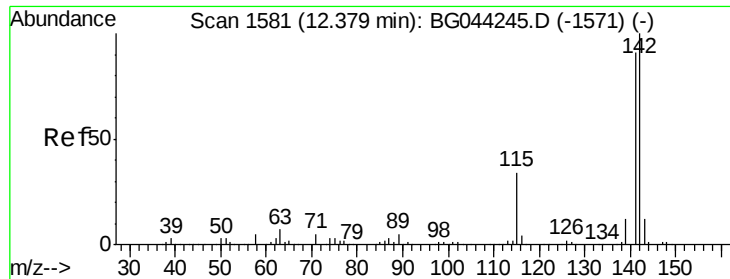


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

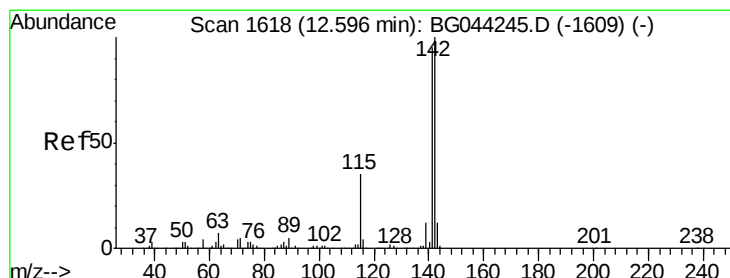
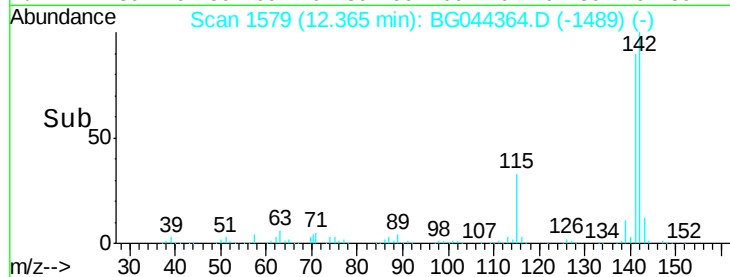
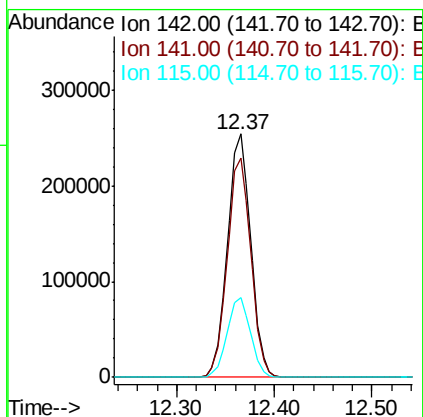
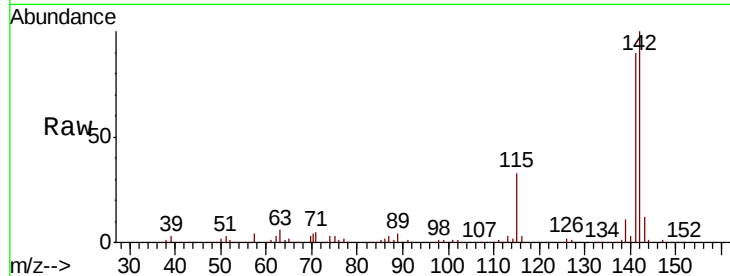




#37
2-Methylnaphthalene
Concen: 43.020 ng
RT: 12.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

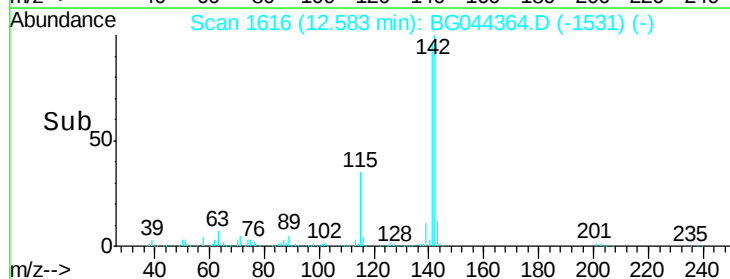
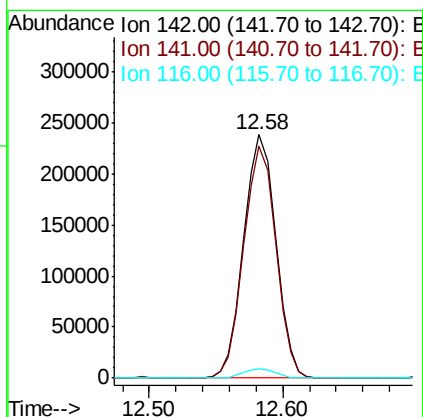
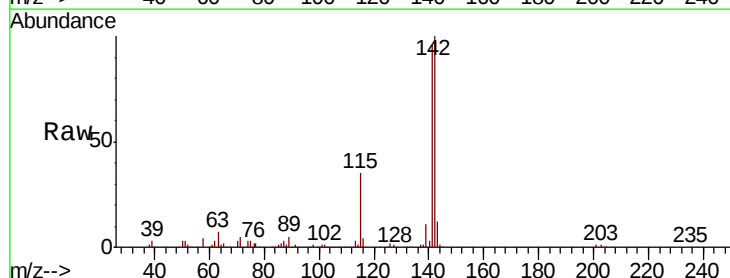
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.2	109.8
115	32.7	27.1	40.7



#38
1-Methylnaphthalene
Concen: 43.174 ng
RT: 12.58 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	75.8	113.6
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG044364.D

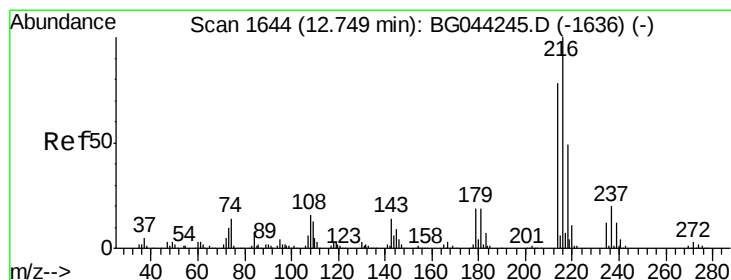
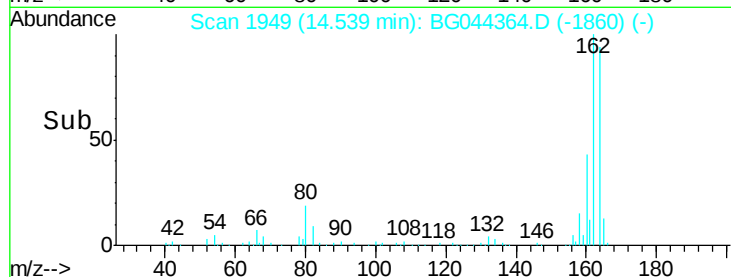
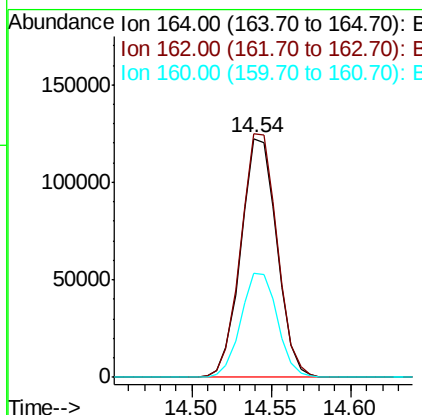
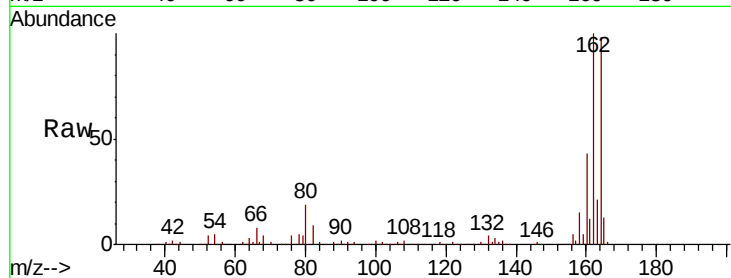
Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	164	Resp:	192921
Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	43.7	35.3	52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.130 ng

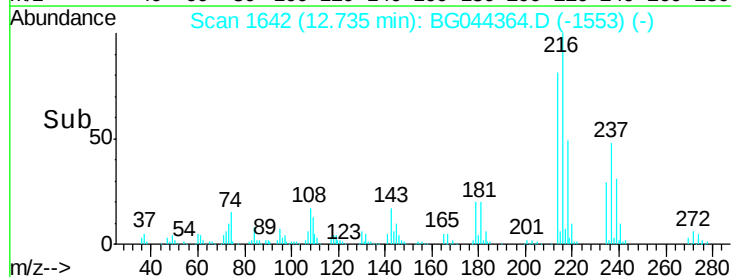
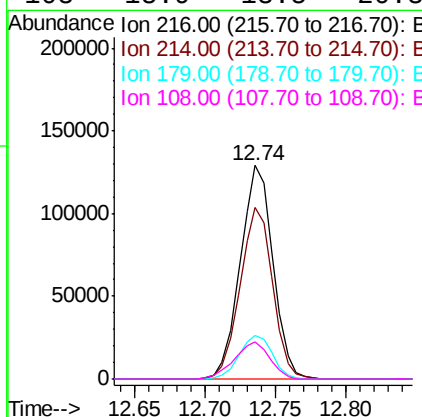
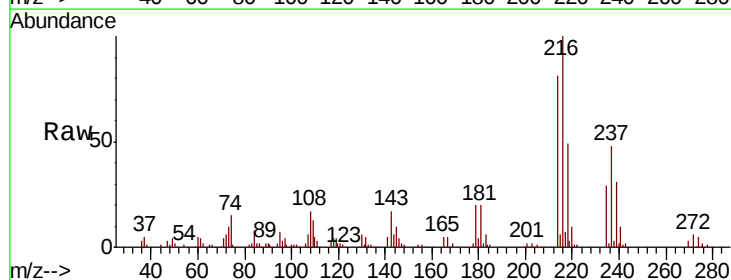
RT: 12.74 min Scan# 1642

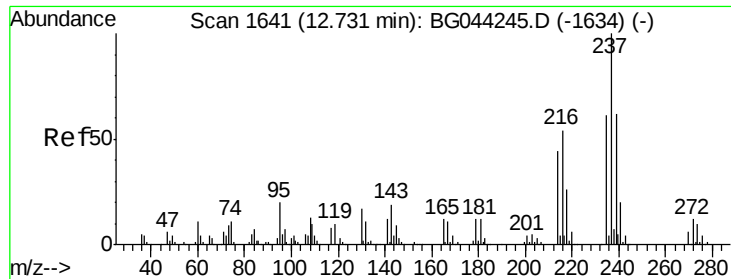
Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Tgt Ion:	216	Resp:	208500
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.6
179	20.6	16.2	24.4
108	18.9	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 86.148 ng

RT: 12.72 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

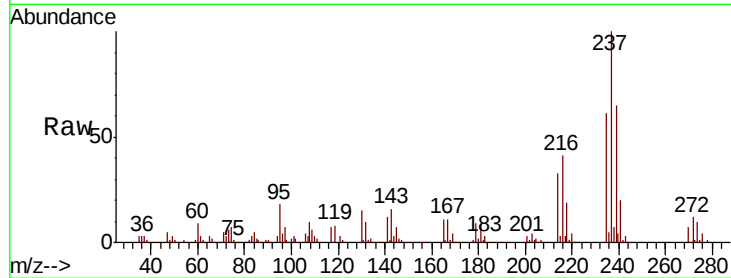
Tot Ion:237 Resp: 238548

Ion Ratio Lower Upper

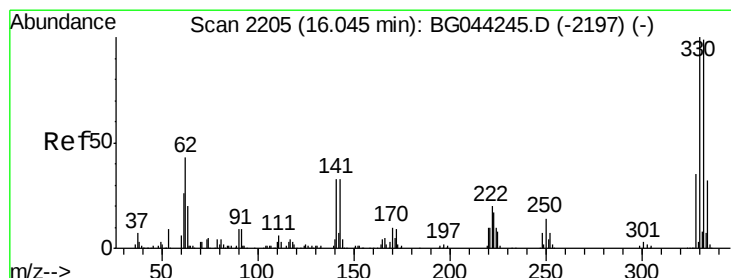
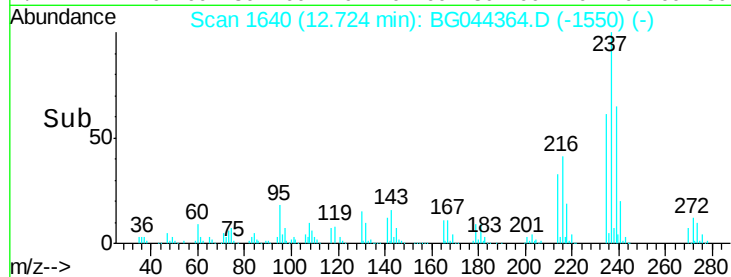
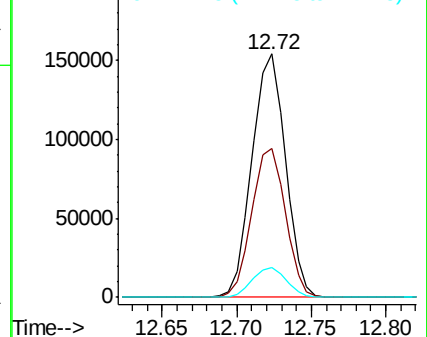
237 100

235 61.3 41.2 81.2

272 12.3 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: 96.703 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

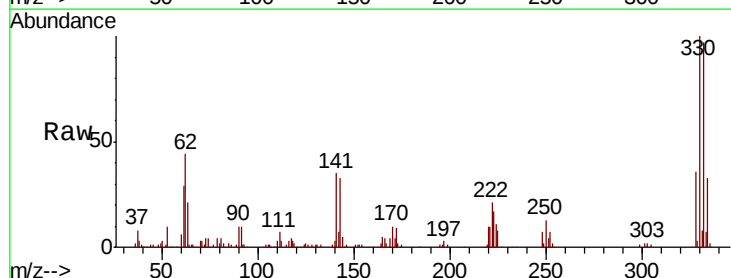
Tgt Ion:330 Resp: 219011

Ion Ratio Lower Upper

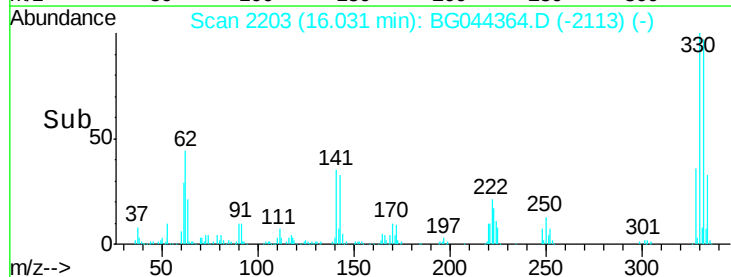
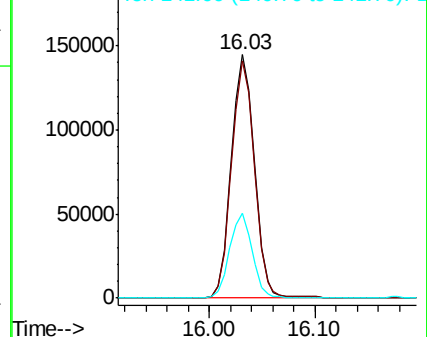
330 100

332 96.6 77.2 115.8

141 34.4 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

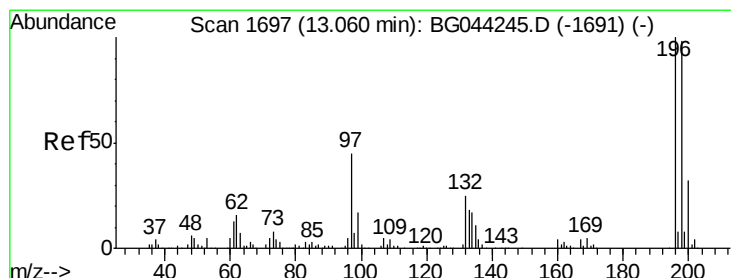
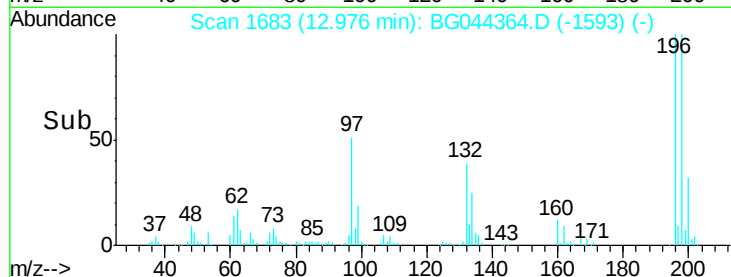
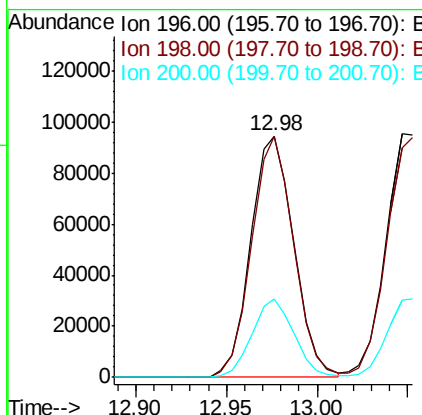
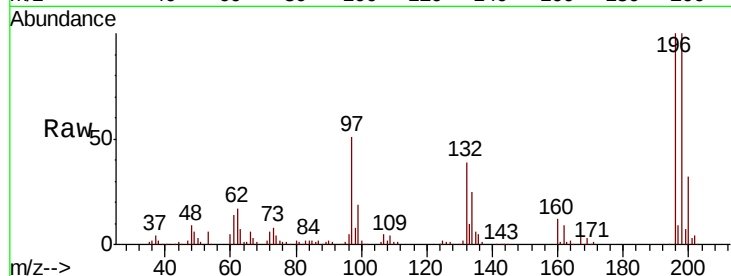




#43
 2,4,6-Trichlorophenol
 Concen: 41.764 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

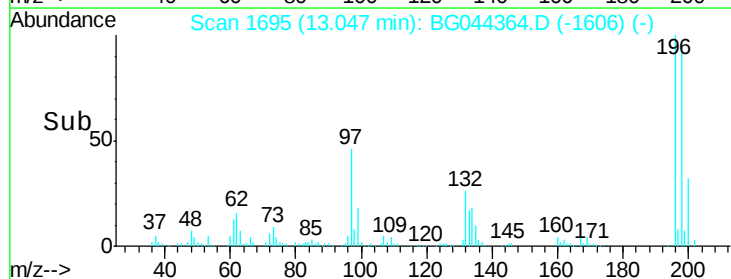
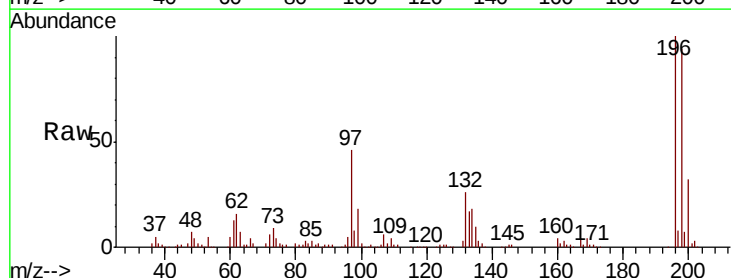
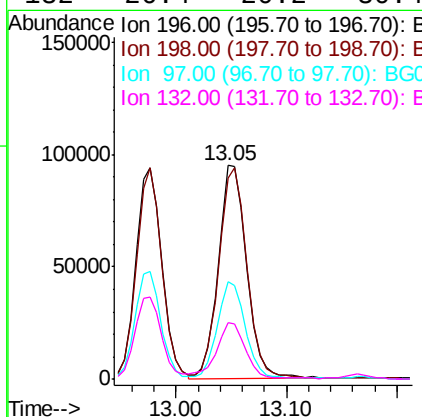
Instrument :
 BNA_G
 ClientSampleId :

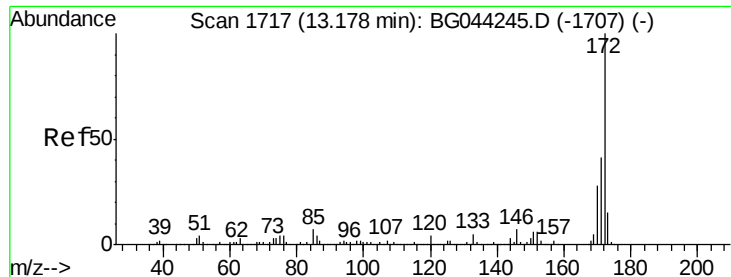
Tot Ion	196	Resp	155788
Ion	Ratio	Lower	Upper
196	100		
198	99.6	79.3	118.9
200	32.3	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.889 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion	196	Resp	171026
Ion	Ratio	Lower	Upper
196	100		
198	94.1	78.2	117.2
97	45.8	36.2	54.4
132	26.4	20.2	30.4

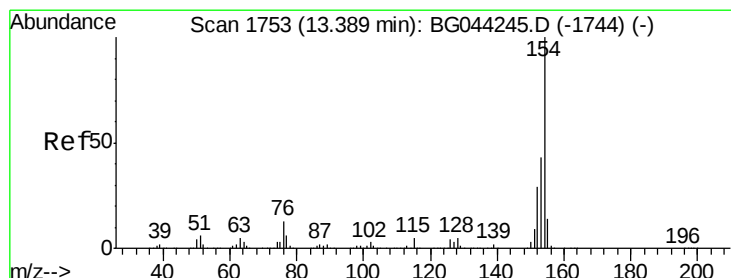
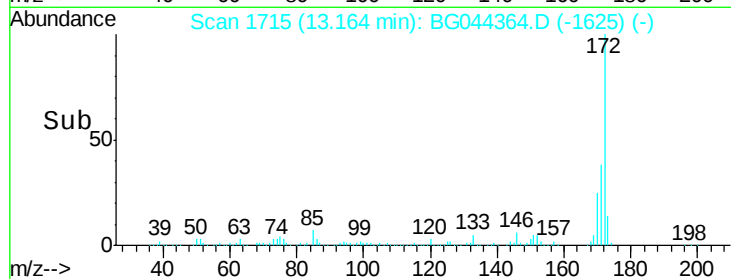
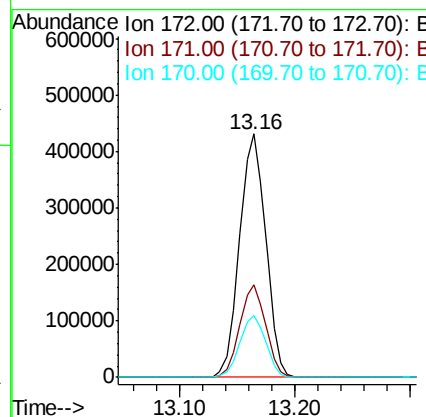
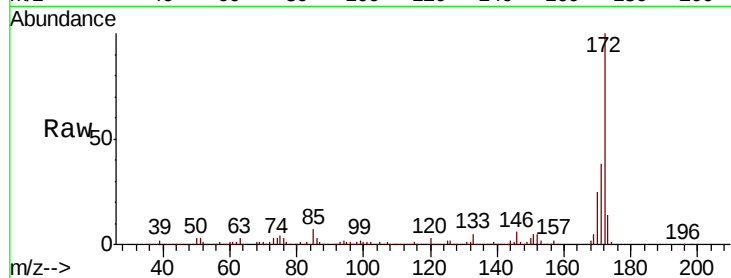




#45
 2-Fluorobiphenyl
 Concen: 58.803 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

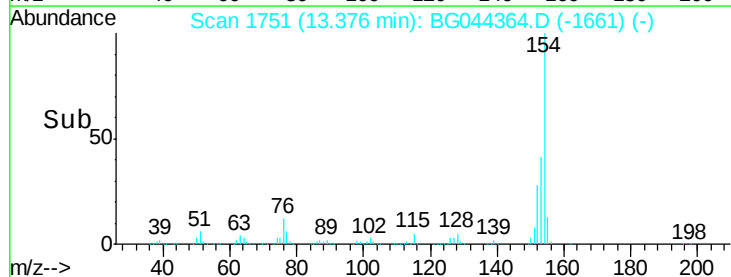
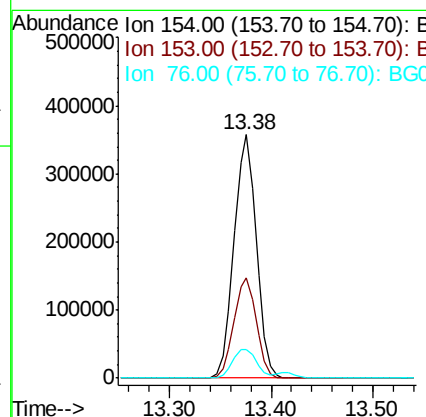
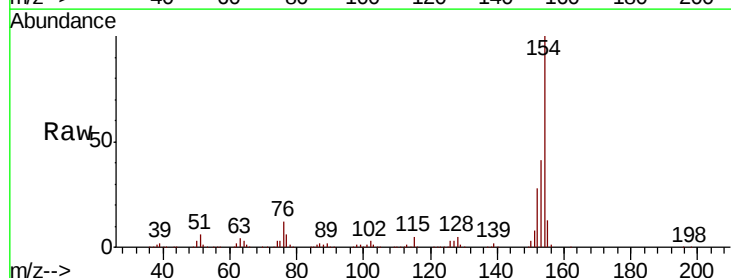
Instrument :
 BNA_G
 ClientSampled :

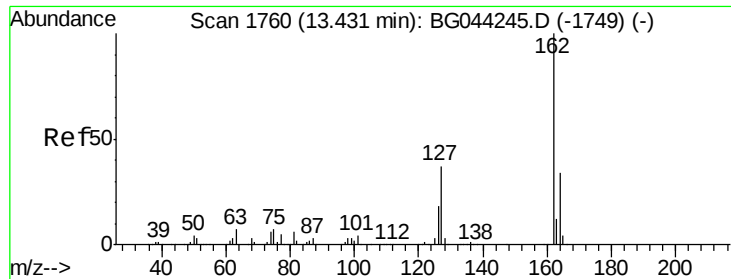
Tot Ion:	172	Resp:	677455
Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.9	49.3
170	25.3	22.0	33.0



#46
 1,1'-Biphenyl
 Concen: 39.190 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion:	154	Resp:	545349
Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.7	62.7
76	11.5	0.0	32.9

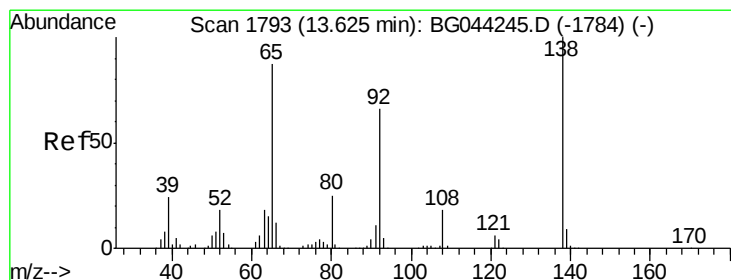
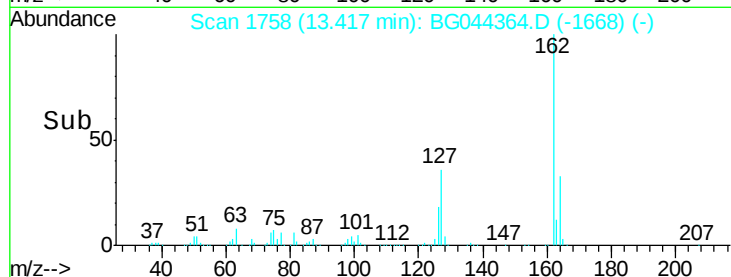
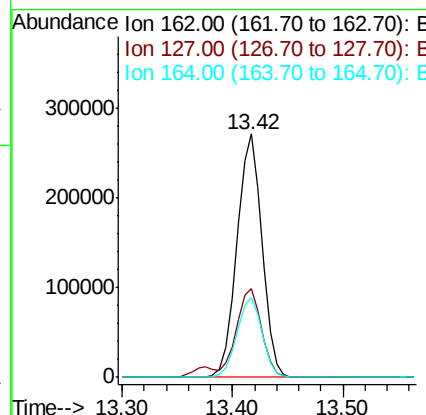
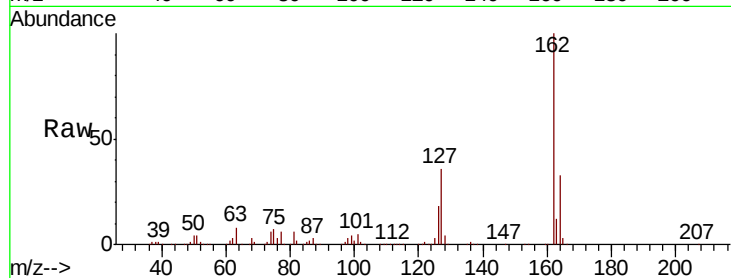




#47
 2-Chloronaphthalene
 Concen: 38.998 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

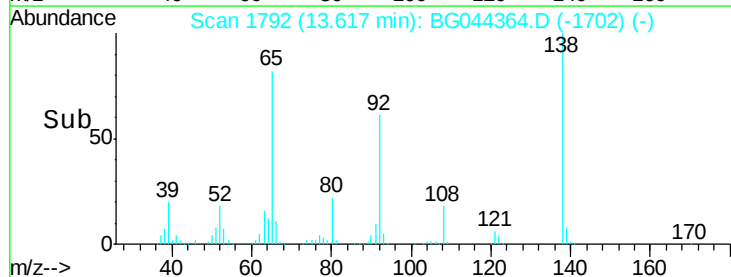
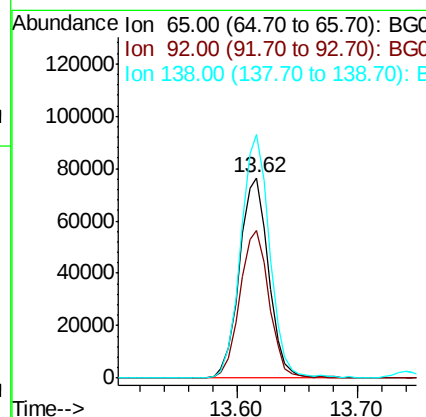
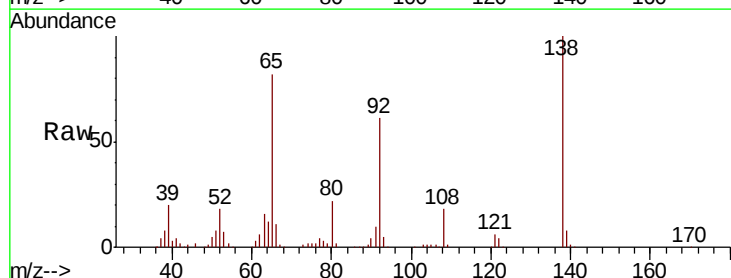
Instrument :
 BNA_G
 ClientSampleId :

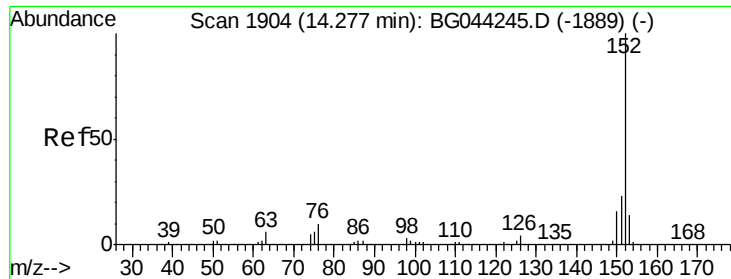
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.0	45.0
164	32.6	27.2	40.8



#48
 2-Nitroaniline
 Concen: 39.568 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	60.3	90.5
138	121.6	91.9	137.9





#49

Acenaphthylene

Concen: 42.745 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

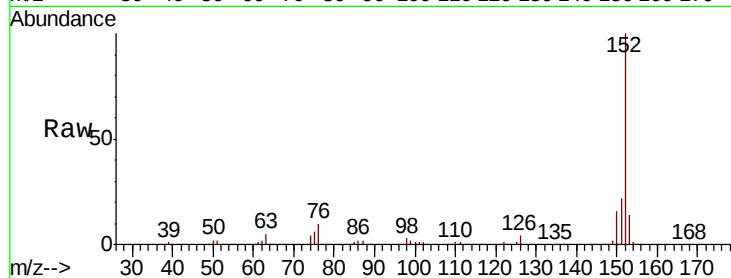
Tot Ion:152 Resp: 694250

Ion Ratio Lower Upper

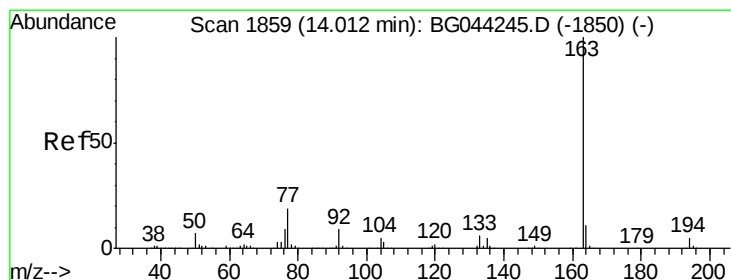
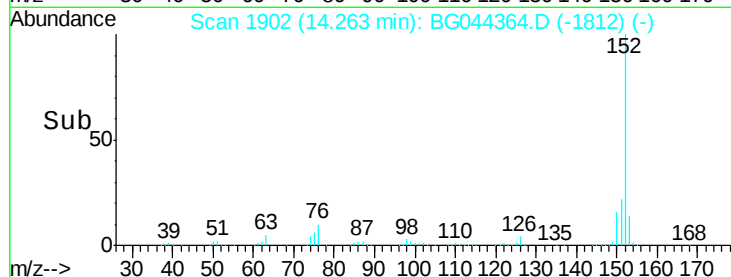
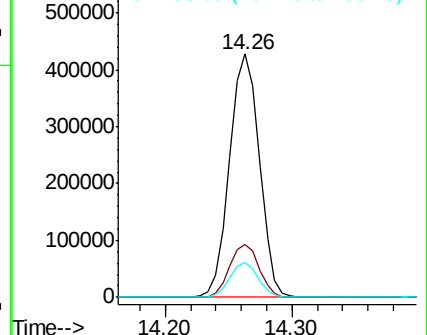
152 100

151 22.0 18.1 27.1

153 14.5 11.5 17.3



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



#50

Dimethylphthalate

Concen: 44.000 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

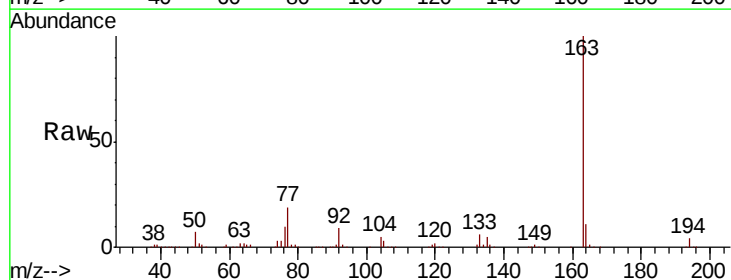
Tgt Ion:163 Resp: 610173

Ion Ratio Lower Upper

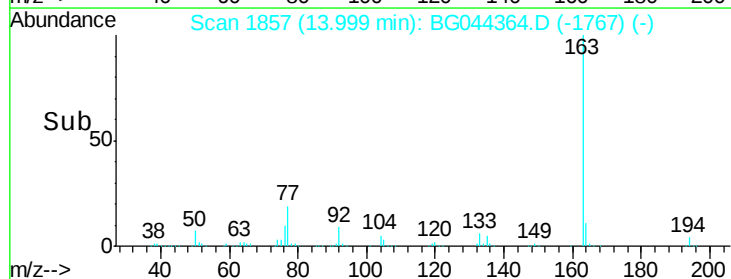
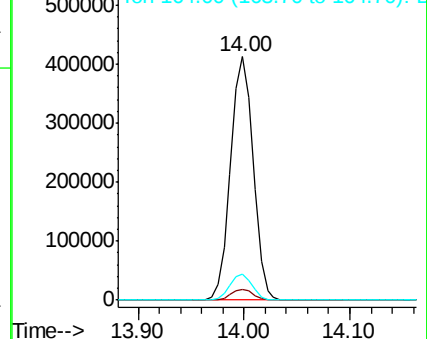
163 100

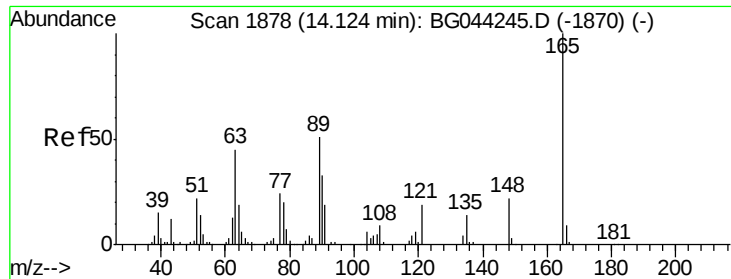
194 4.3 3.6 5.4

164 10.7 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

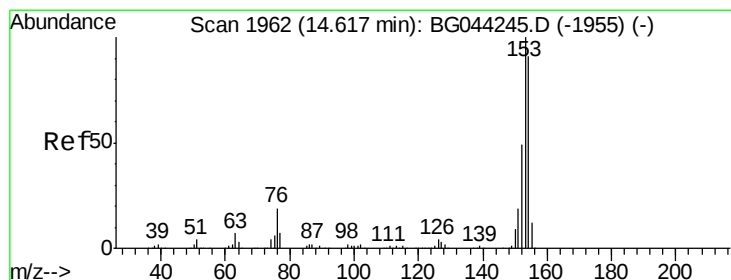
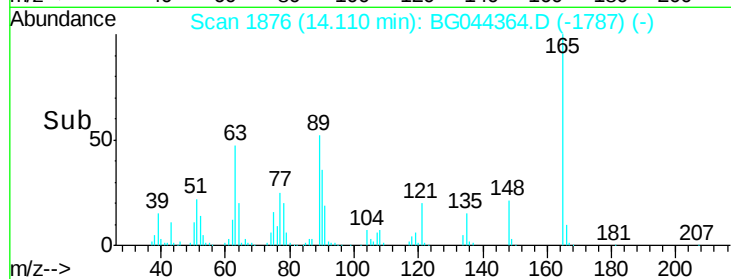
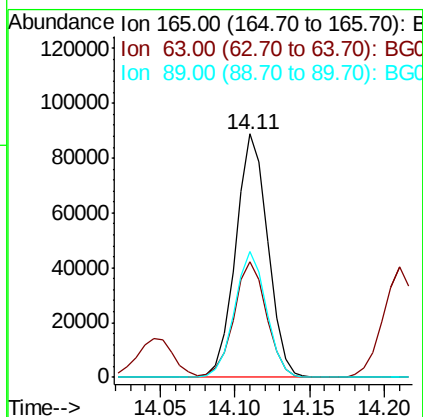
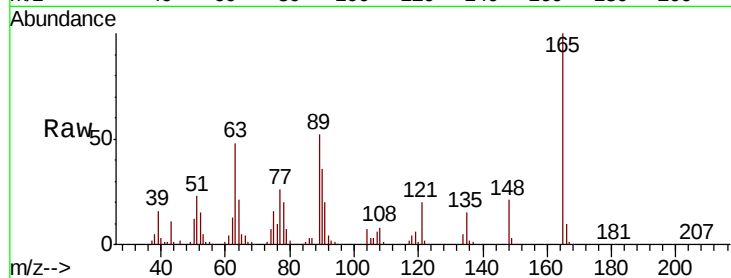




#51
 2,6-Dinitrotoluene
 Concen: 42.834 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

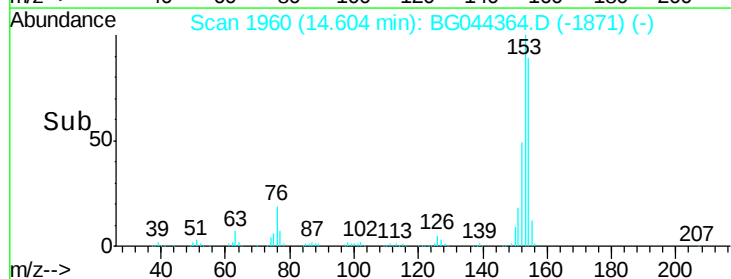
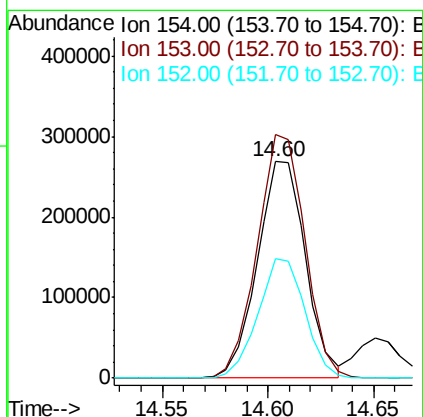
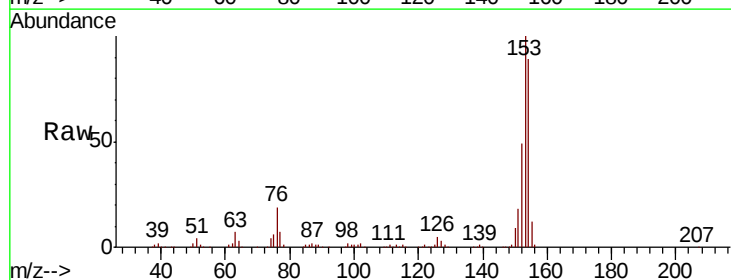
Instrument :
 BNA_G
 ClientSampled :

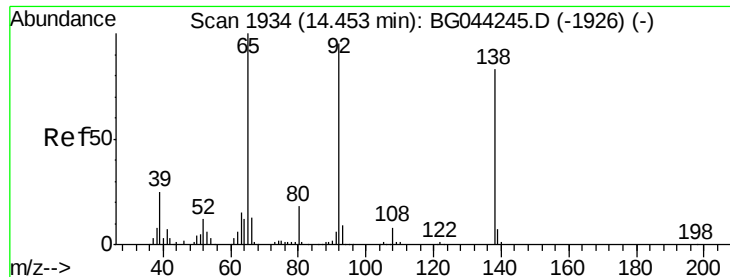
Tot Ion:165 Resp: 132444
 Ion Ratio Lower Upper
 165 100
 63 47.7 38.7 58.1
 89 51.6 40.4 60.6



#52
 Acenaphthene
 Concen: 40.508 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion:154 Resp: 426438
 Ion Ratio Lower Upper
 154 100
 153 112.6 87.9 131.9
 152 55.2 43.1 64.7

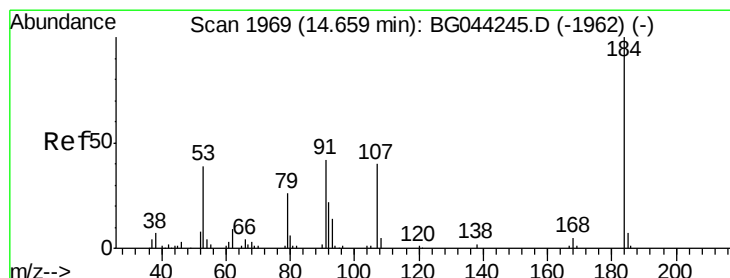
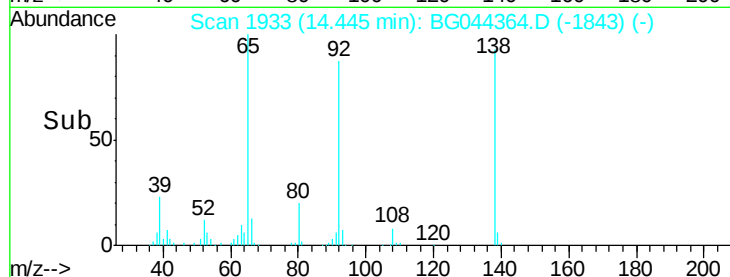
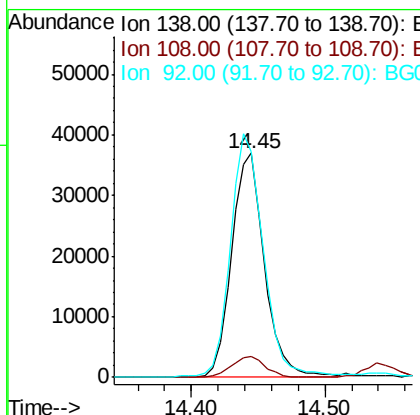
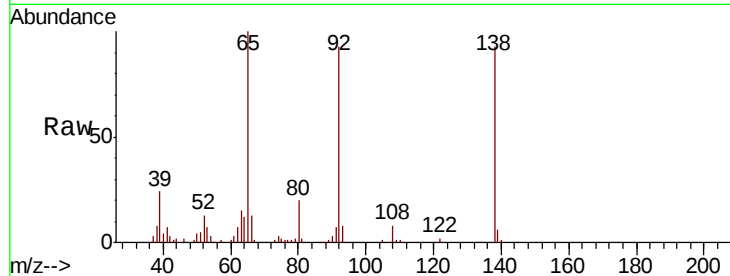




#53
3-Nitroaniline
Concen: 18.478 ng
RT: 14.45 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

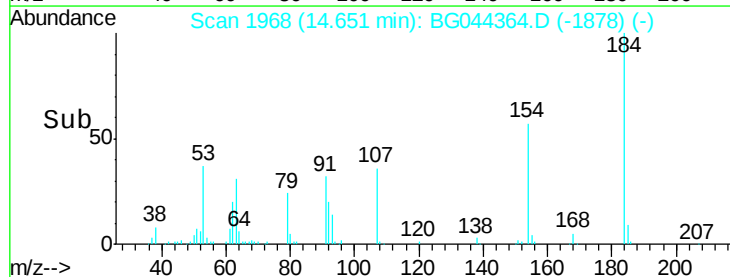
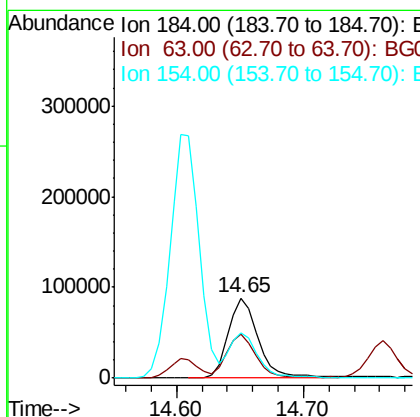
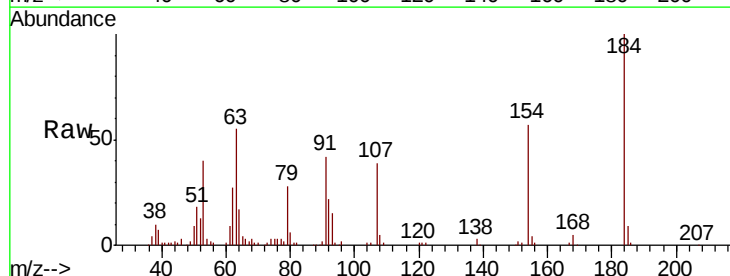
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 63211
Ion Ratio Lower Upper
138 100
108 9.1 7.9 11.9
92 100.7 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 79.043 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion:184 Resp: 144635
Ion Ratio Lower Upper
184 100
63 55.0 44.1 66.1
154 56.7 45.4 68.0

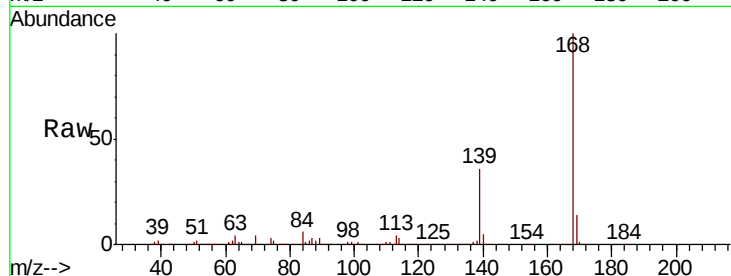




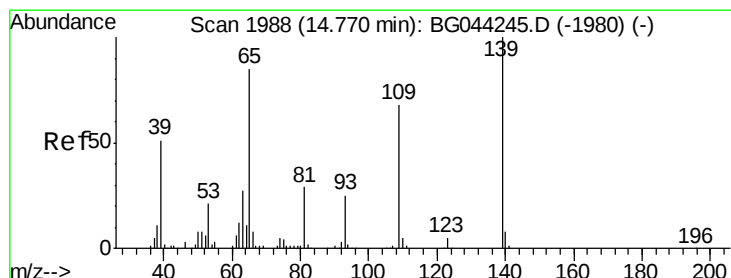
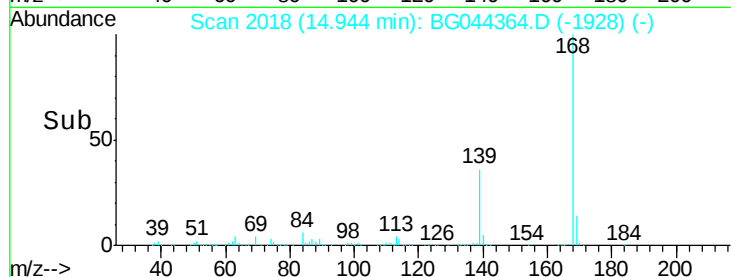
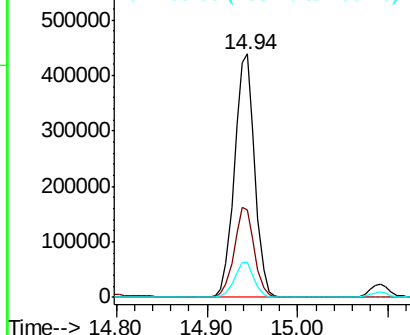
#55
Dibenzofuran
Concen: 42.747 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 681331
Ion Ratio Lower Upper
168 100
139 36.0 30.5 45.7
169 14.1 11.7 17.5

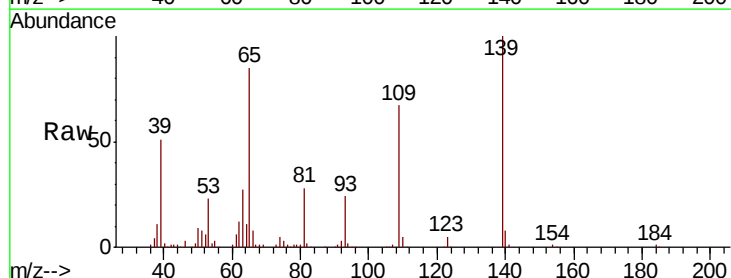


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

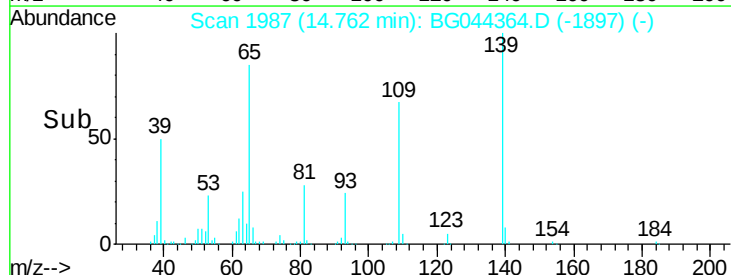
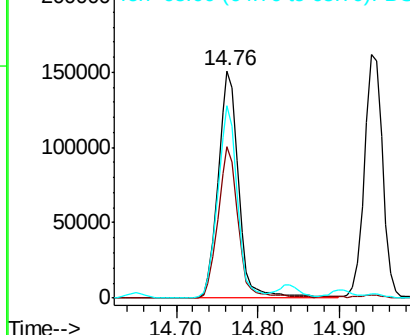


#56
4-Nitrophenol
Concen: 105.022 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion:139 Resp: 263165
Ion Ratio Lower Upper
139 100
109 66.6 47.5 87.5
65 84.7 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

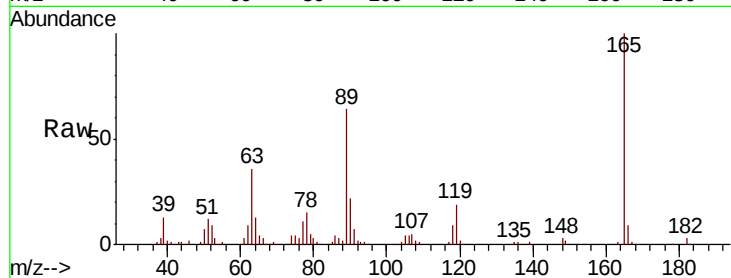




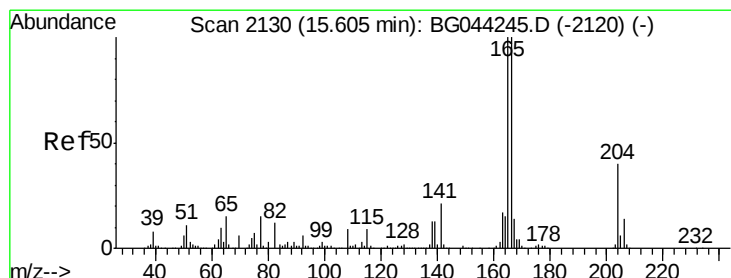
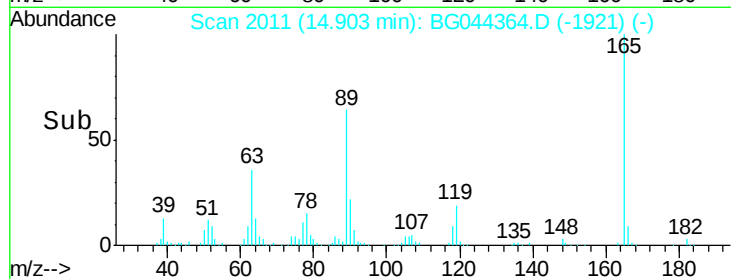
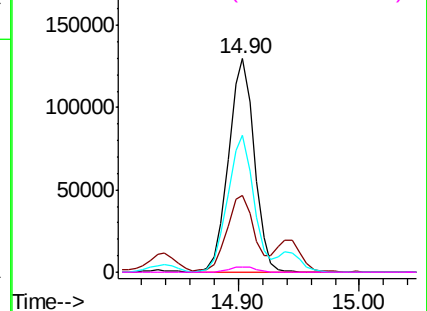
#57
2,4-Dinitrotoluene
Concen: 44.242 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	191732
Ion Ratio	Lower	Upper
165	100	
63	36.2	30.3 45.5
89	63.9	53.4 80.2
182	2.6	2.1 3.1

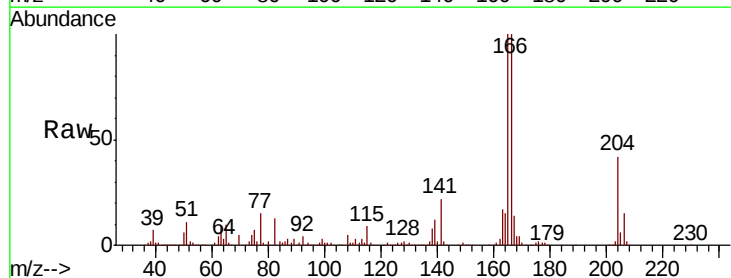


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

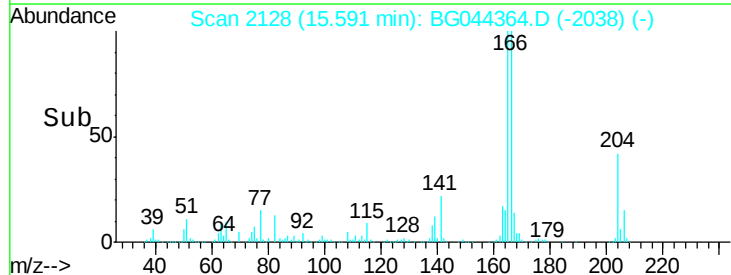
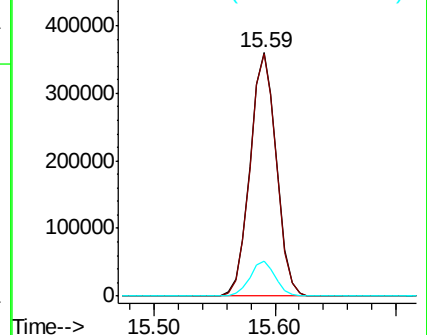


#58
Fluorene
Concen: 43.418 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion:166	Resp:	545067
Ion Ratio	Lower	Upper
166	100	
165	99.5	79.9 119.9
167	14.5	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

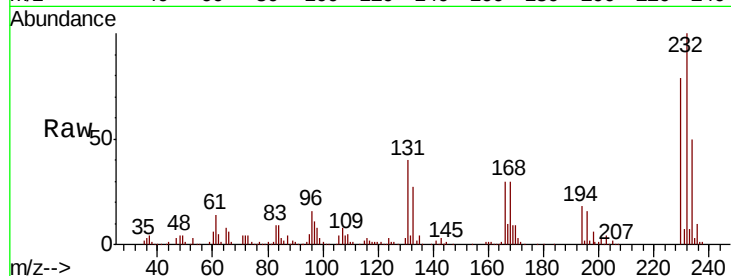




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.800 ng
RT: 15.17 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.9	34.2	51.4
130	2.5	1.8	2.8
166	29.8	23.8	35.8



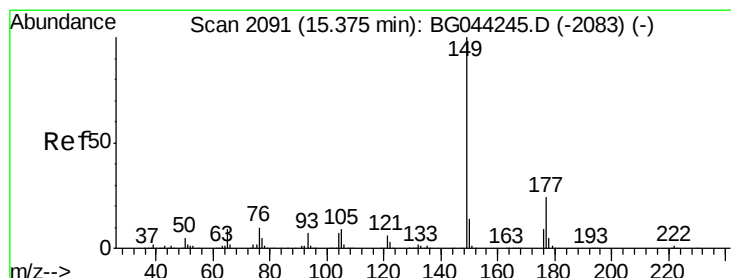
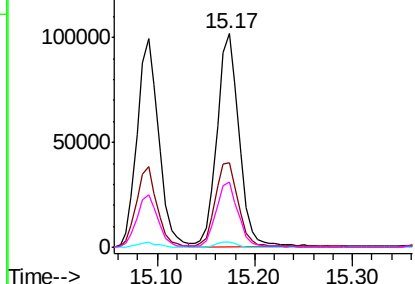
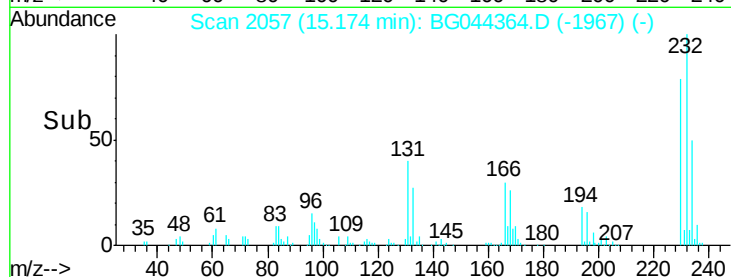
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

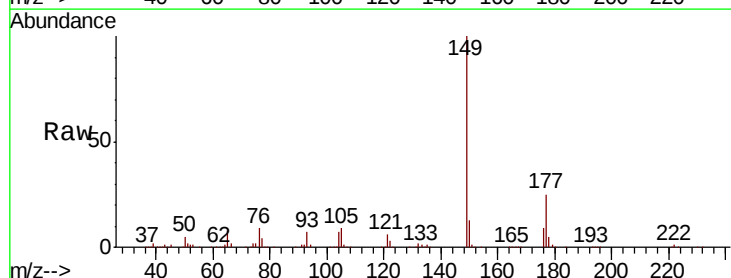
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.992 ng
RT: 15.37 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.4	29.0
150	12.7	10.9	16.3

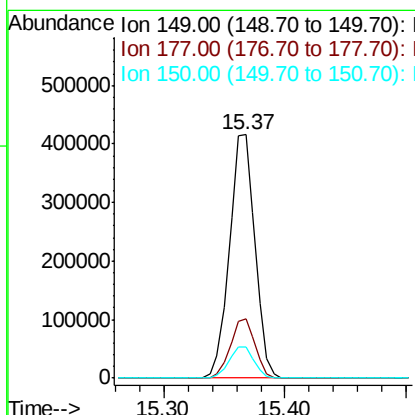
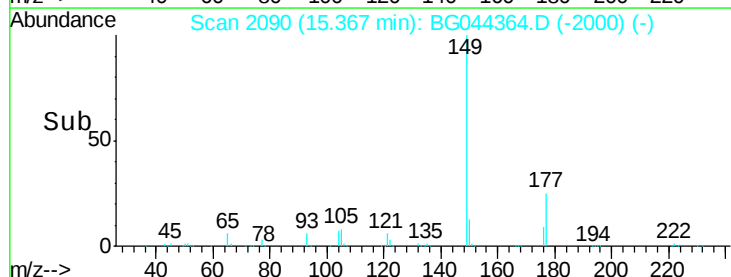


Abundance

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

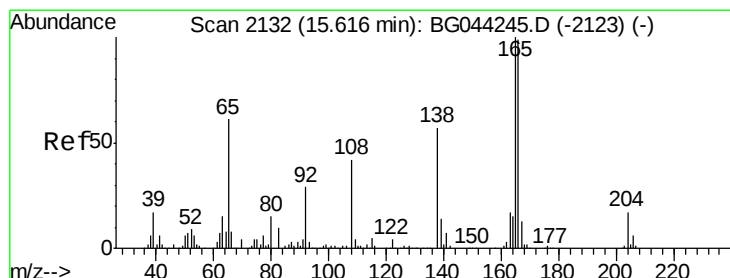
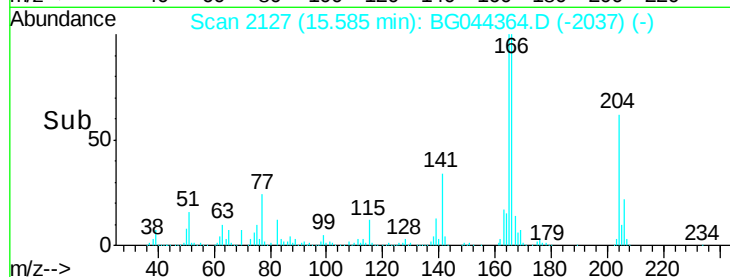
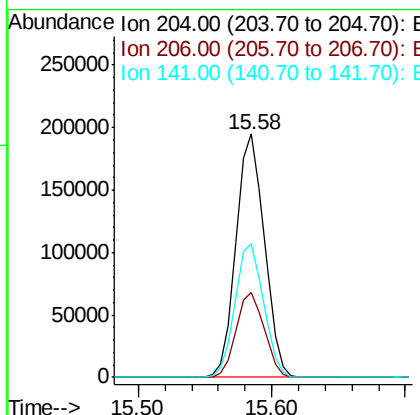
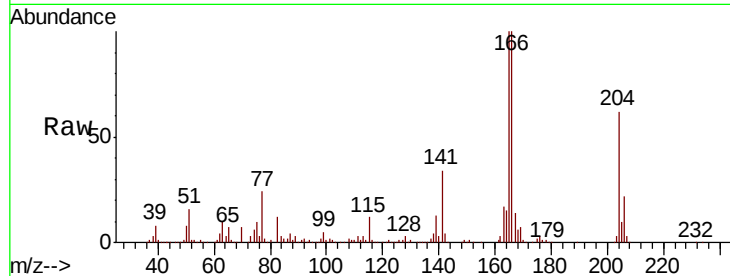




#61
4-Chlorophenyl-phenylether
Concen: 42.122 ng
RT: 15.58 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

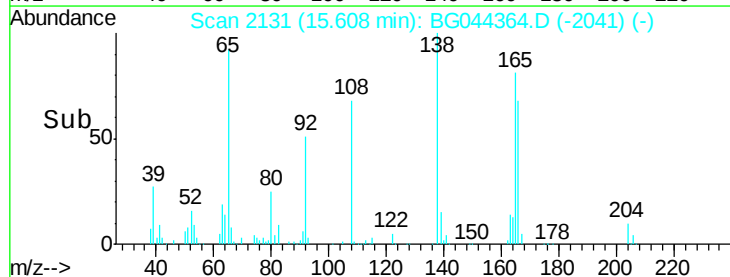
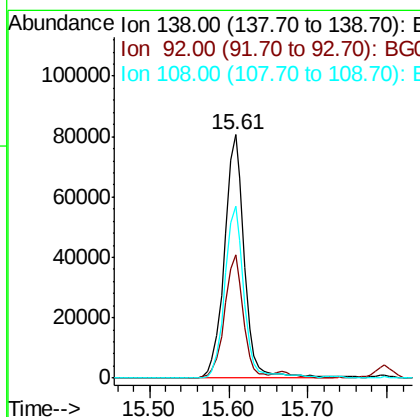
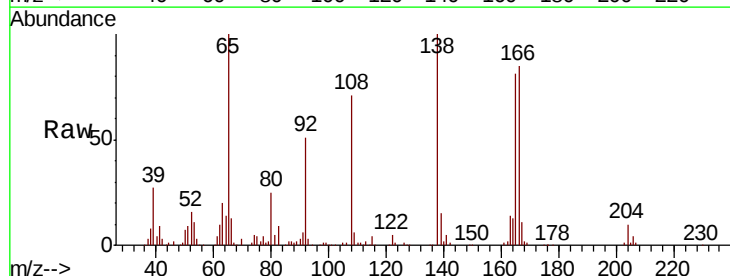
Instrument :
BNA_G
ClientSampleId :

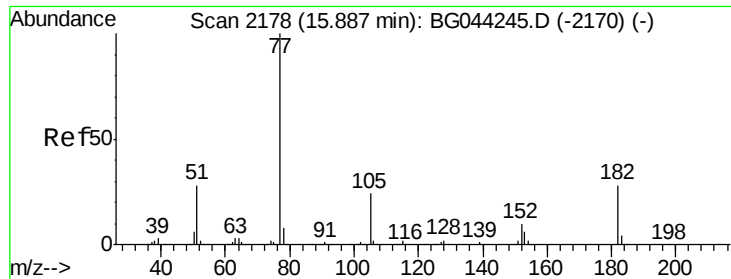
Tot Ion:204 Resp: 286721
Ion Ratio Lower Upper
204 100
206 34.8 27.6 41.4
141 54.6 43.4 65.0



#62
4-Nitroaniline
Concen: 41.005 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion:138 Resp: 140164
Ion Ratio Lower Upper
138 100
92 50.7 31.3 71.3
108 70.5 52.6 92.6





#63

Azobenzene

Concen: 43.683 ng

RT: 15.88 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 529029

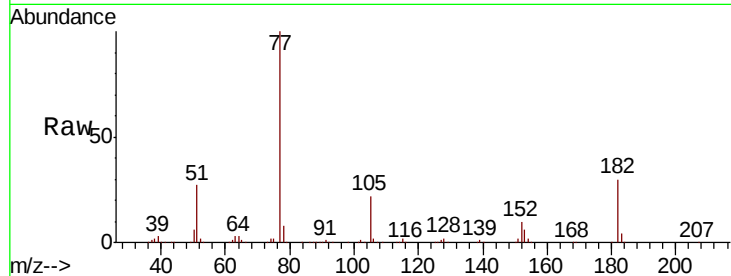
Ion Ratio Lower Upper

77 100

182 29.7 8.2 48.2

105 22.5 3.6 43.6

51 27.5 8.3 48.3

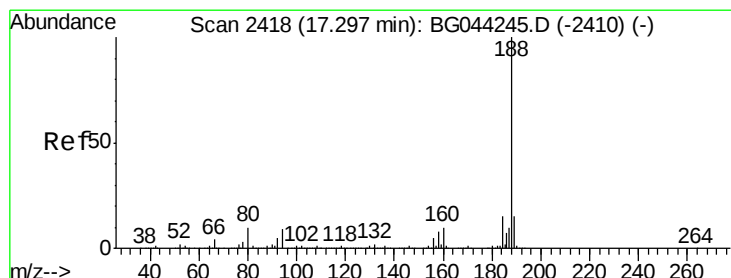
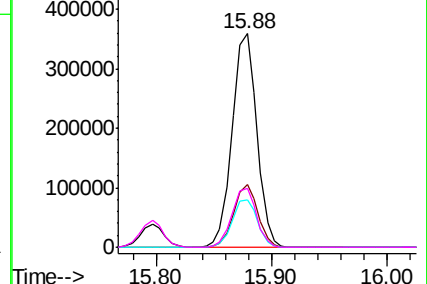
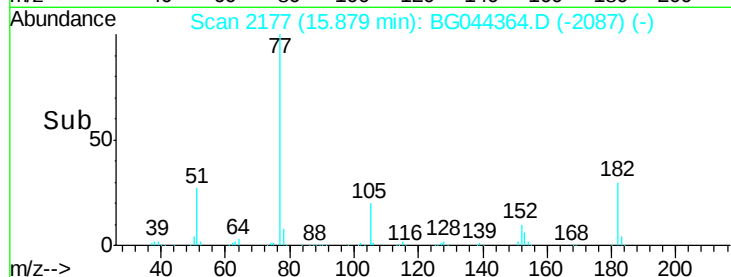


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044364.D

Acq: 10 Feb 2020 19:59

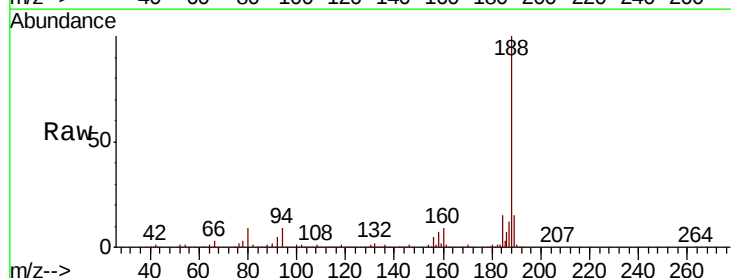
Tgt Ion: 188 Resp: 470078

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

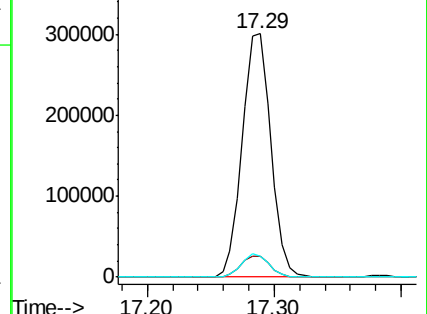
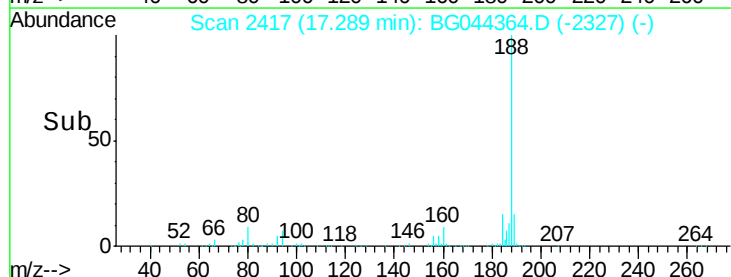
80 8.8 7.7 11.5

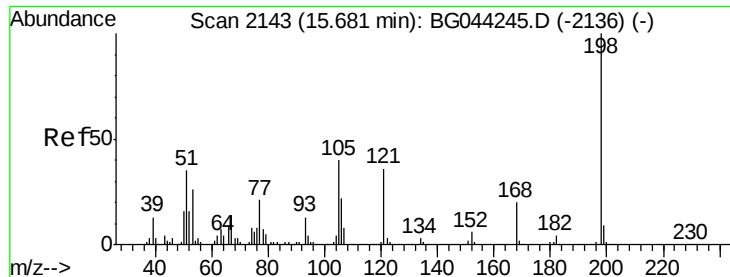


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 45.584 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

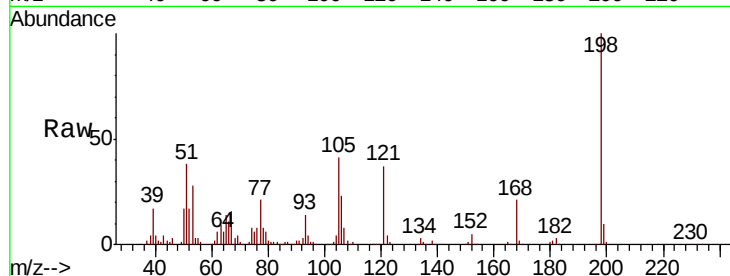
Tot Ion:198 Resp: 118283

Ion	Ratio	Lower	Upper
198	100		
51	37.6	16.6	56.6
105	40.5	20.6	60.6

198 100

51 37.6 16.6 56.6

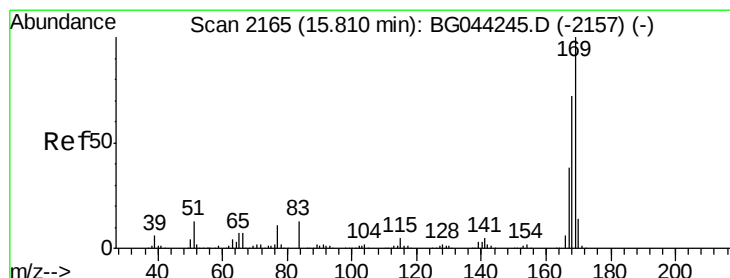
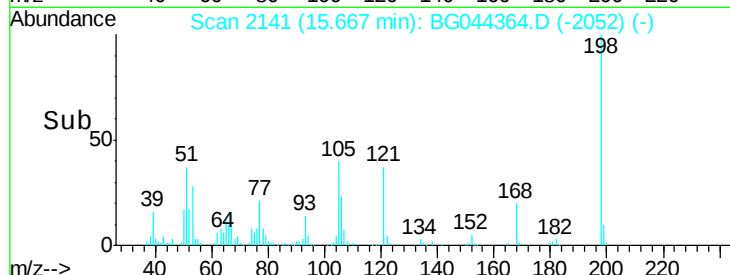
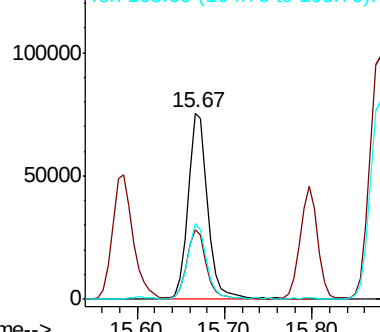
105 40.5 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044364.D (-2052) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.789 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

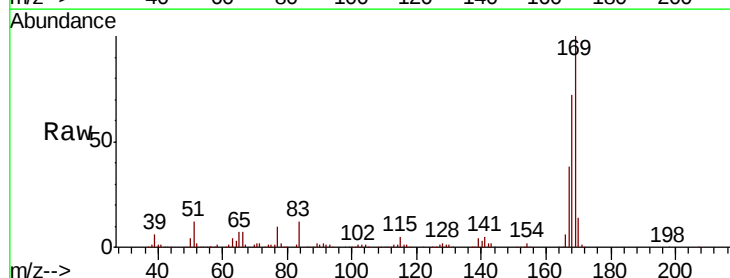
Tgt Ion:169 Resp: 524168

Ion	Ratio	Lower	Upper
169	100		
168	71.8	57.9	86.9
167	37.7	30.7	46.1

169 100

168 71.8 57.9 86.9

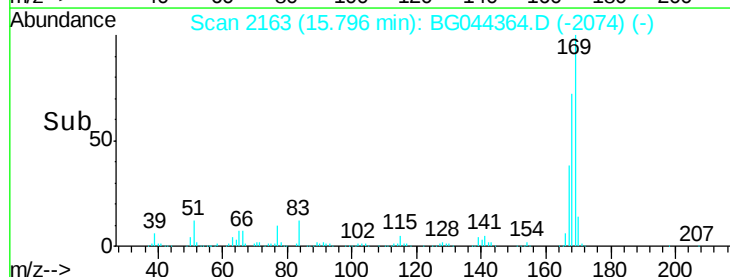
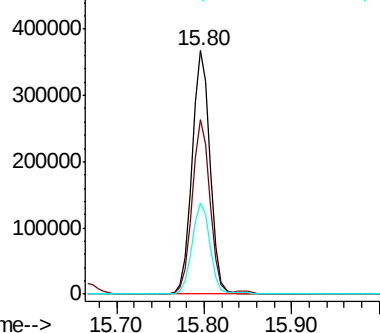
167 37.7 30.7 46.1

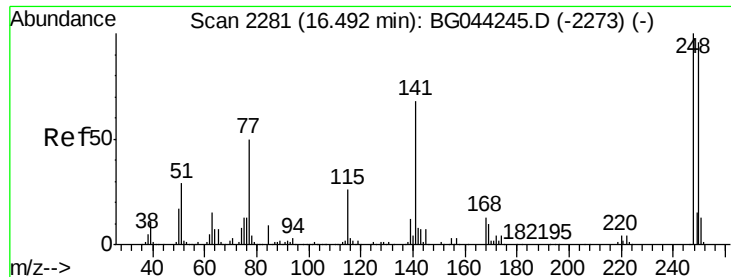


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

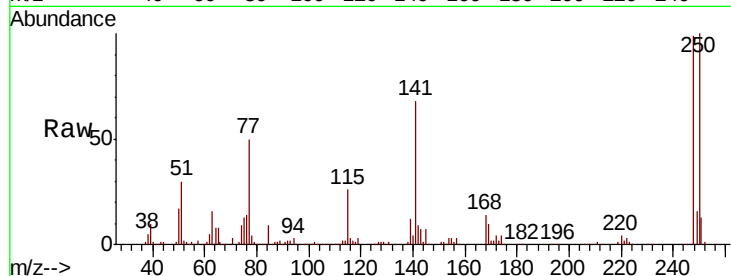




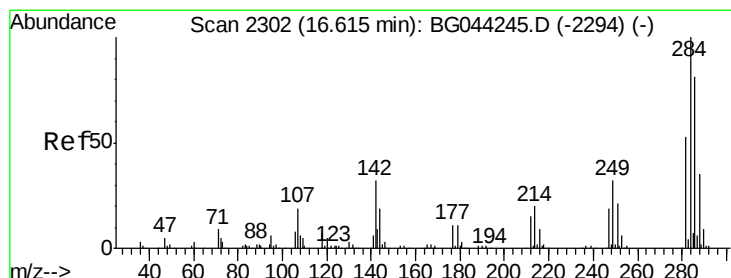
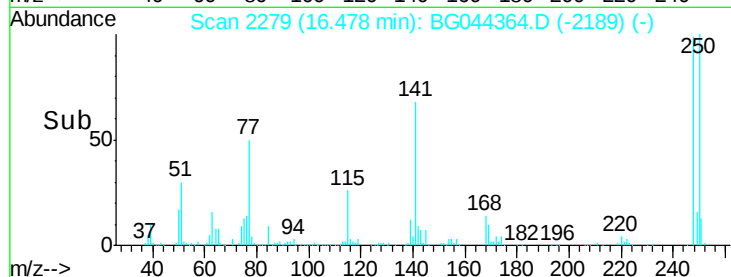
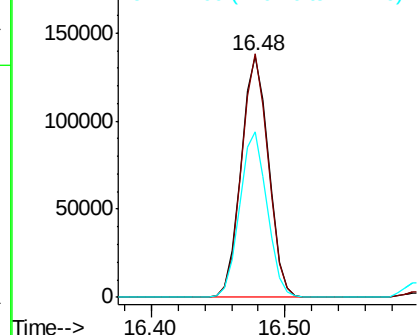
#67
4-Bromophenyl-phenylether
Concen: 38.047 ng
RT: 16.48 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 194858
Ion Ratio Lower Upper
248 100
250 100.9 76.6 114.8
141 68.7 54.7 82.1

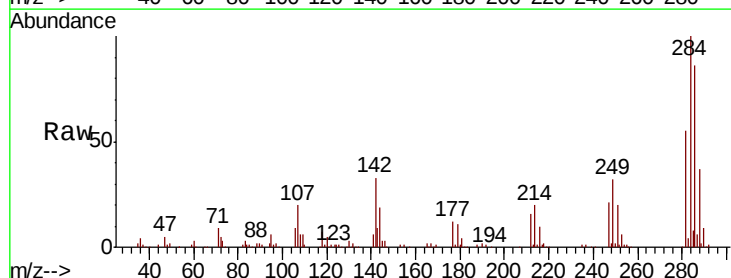


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

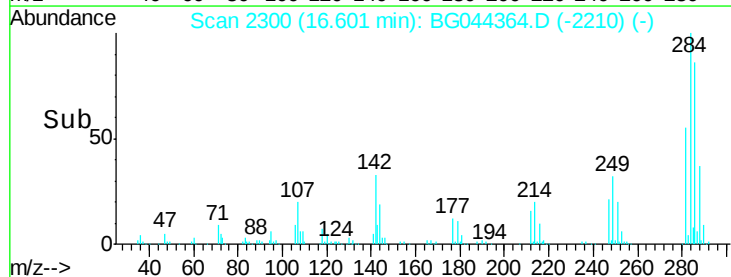
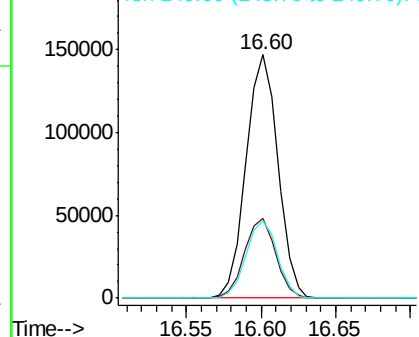


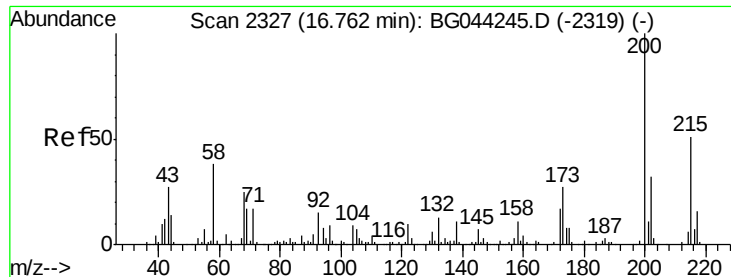
#68
Hexachlorobenzene
Concen: 37.767 ng
RT: 16.60 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion:284 Resp: 216699
Ion Ratio Lower Upper
284 100
142 32.6 25.3 37.9
249 32.0 25.5 38.3



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

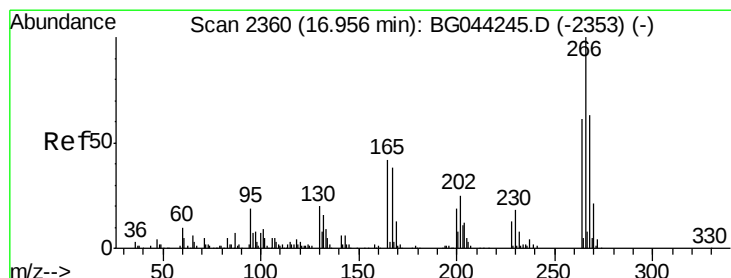
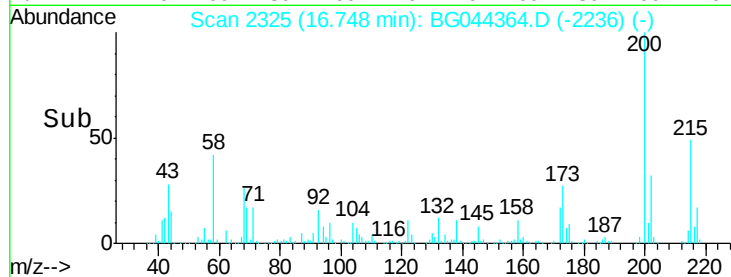
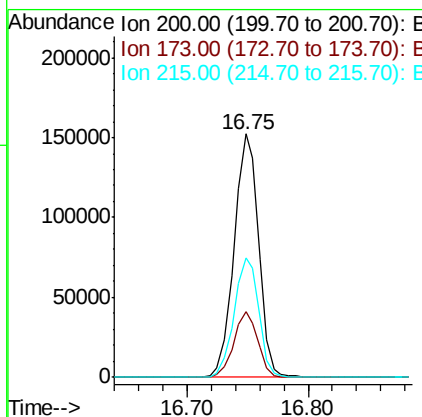
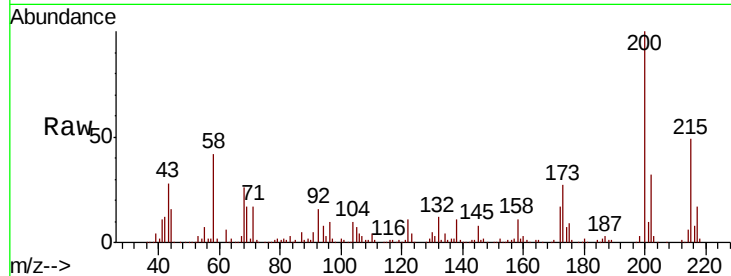




#69
 Atrazine
 Concen: 47.472 ng
 RT: 16.75 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

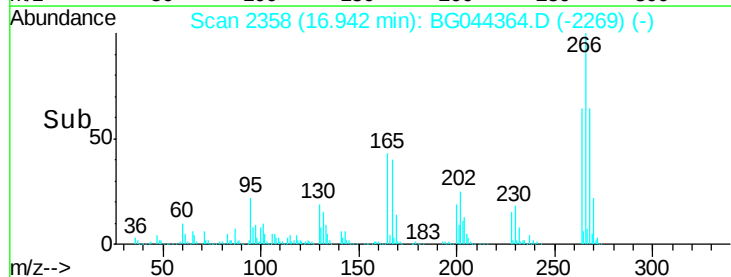
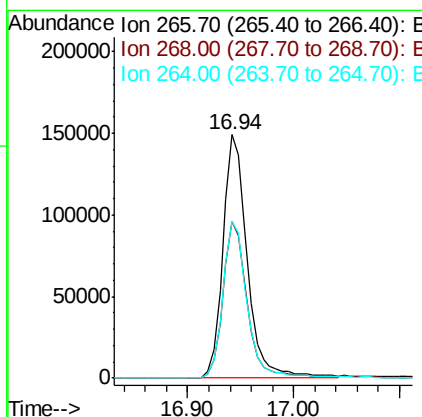
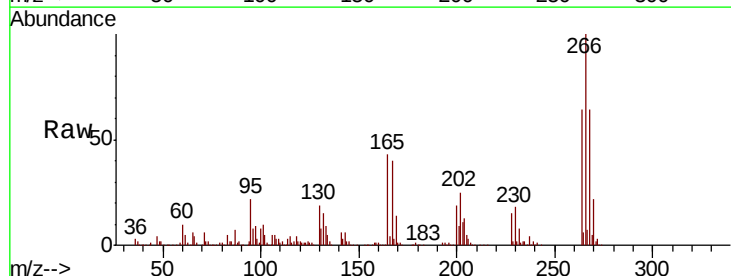
Instrument :
 BNA_G
 ClientSampleId :

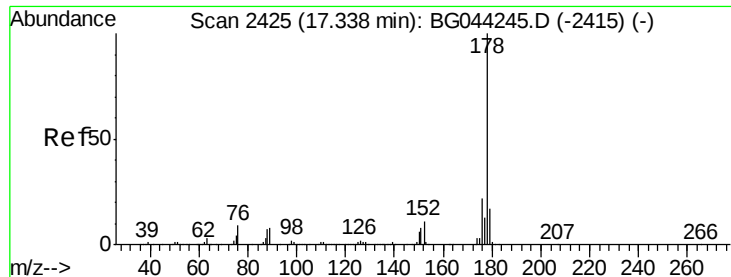
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.6	46.6
215	49.0	31.0	71.0



#70
 Pentachlorophenol
 Concen: 82.156 ng
 RT: 16.94 min Scan# 2358
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.6	75.8
264	64.5	48.7	73.1

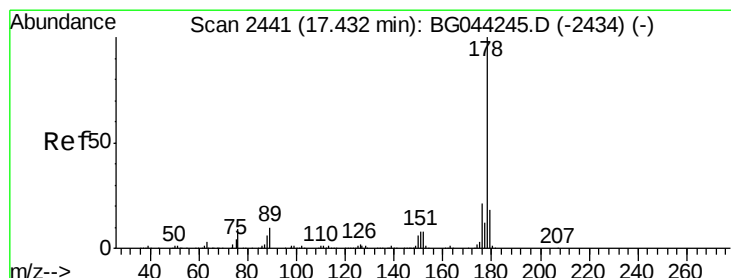
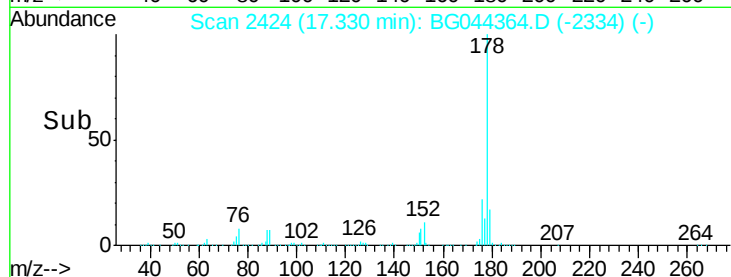
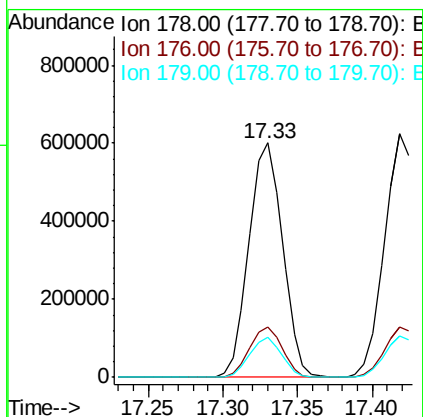
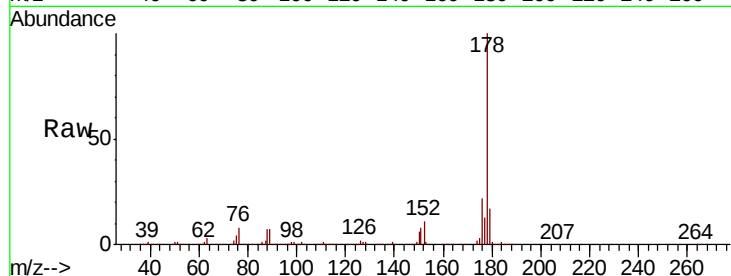




#71
Phenanthrene
Concen: 41.285 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

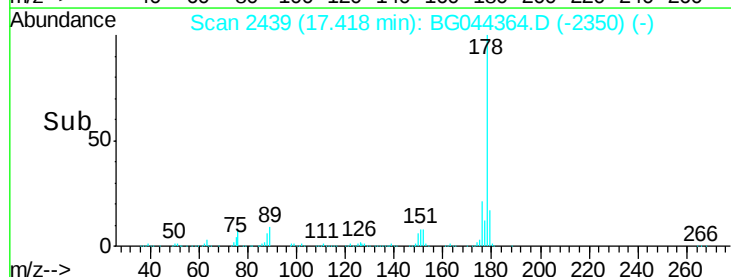
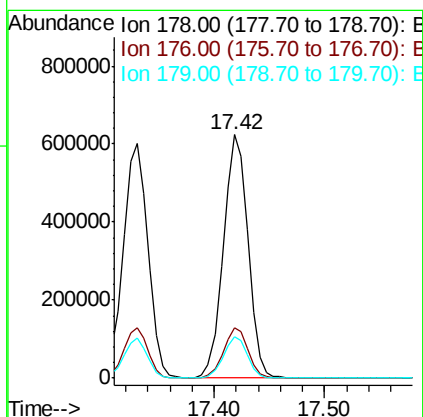
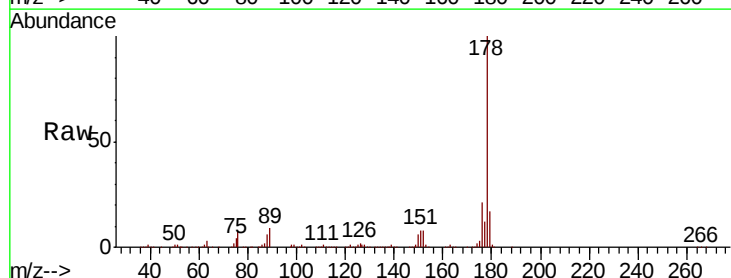
Instrument :
BNA_G
ClientSampleId :

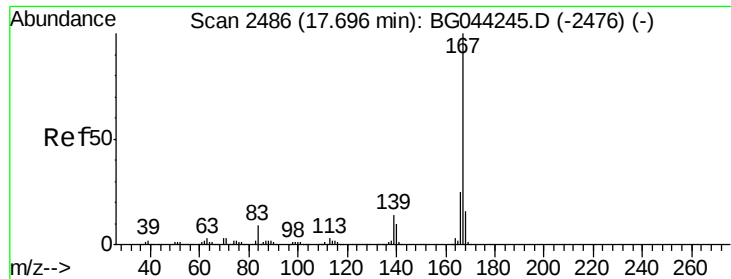
Tot Ion:178 Resp: 939765
Ion Ratio Lower Upper
178 100
176 21.5 17.7 26.5
179 16.9 13.7 20.5



#72
Anthracene
Concen: 43.190 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion:178 Resp: 971974
Ion Ratio Lower Upper
178 100
176 20.9 17.0 25.4
179 17.2 14.4 21.6

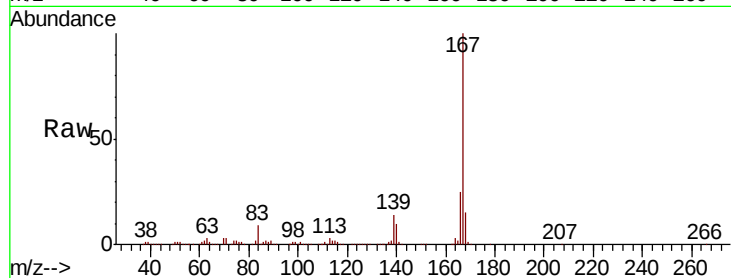




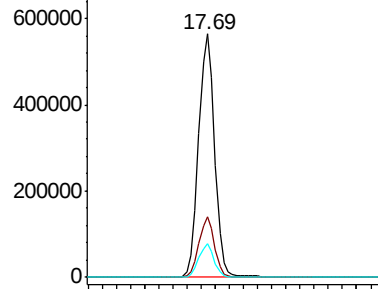
#73
 Carbazole
 Concen: 43.084 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Instrument :
 BNA_G
 ClientSampleId :

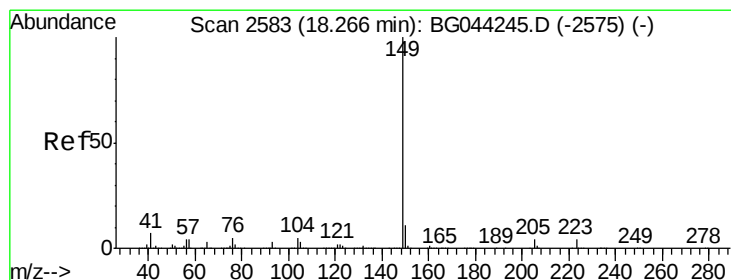
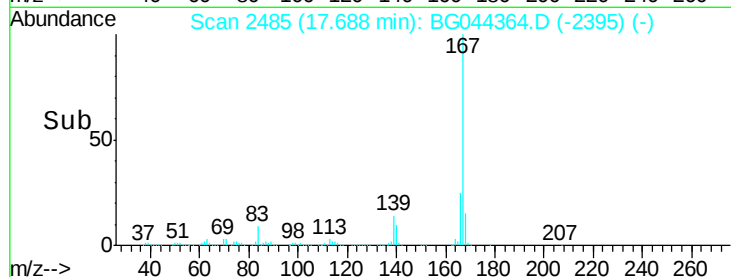
Tot Ion	Ratio	Lower	Upper
167	100		
166	25.1	19.8	29.6
139	13.9	11.1	16.7



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

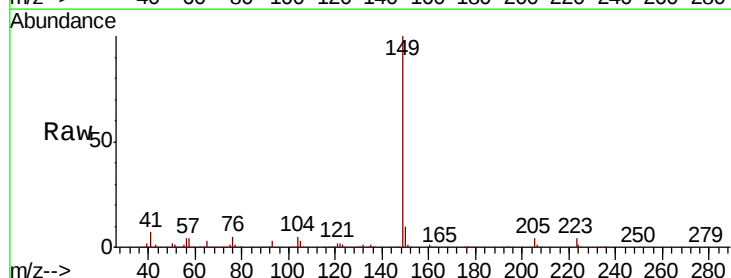


Time-->

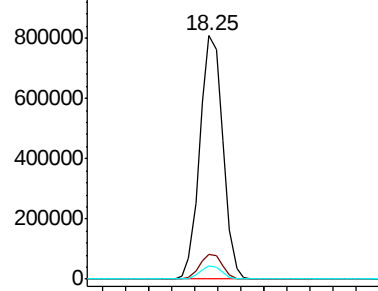


#74
 Di-n-butylphthalate
 Concen: 43.547 ng
 RT: 18.25 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

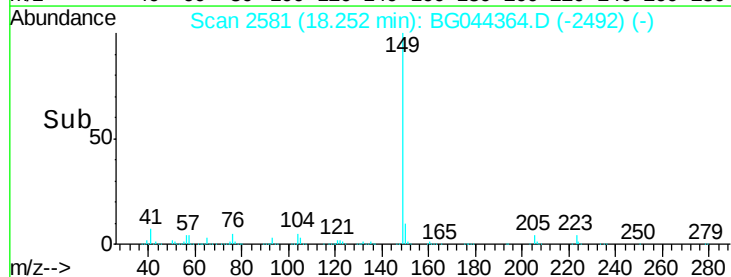
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.7	13.1
104	5.4	4.3	6.5

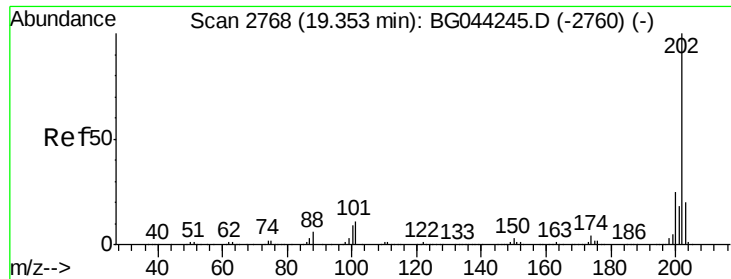


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



Time-->

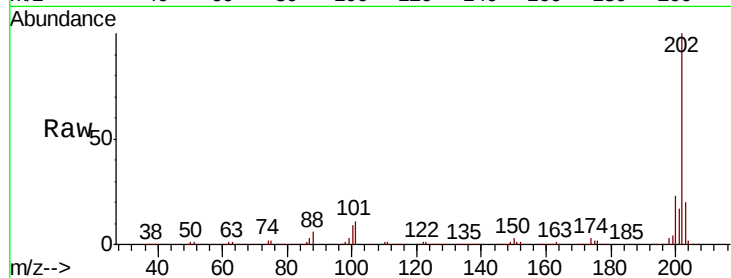




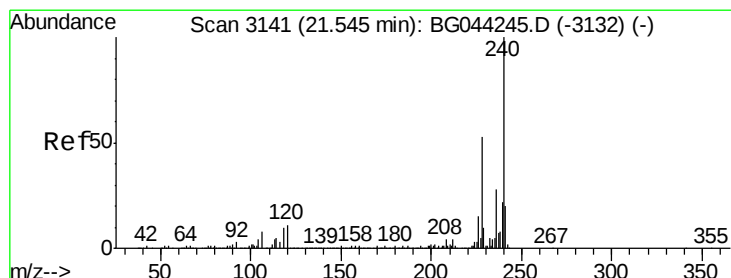
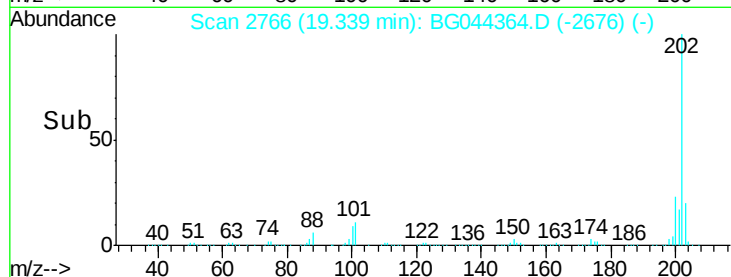
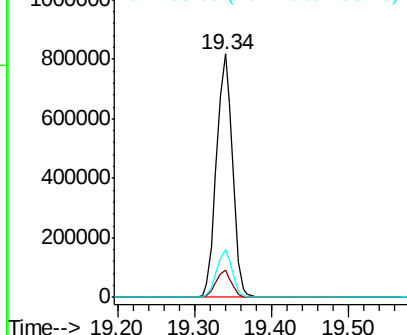
#75
 Fluoranthene
 Concen: 44.282 ng
 RT: 19.34 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:202 Resp: 1166054
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 31.3
 203 19.7 0.0 39.9

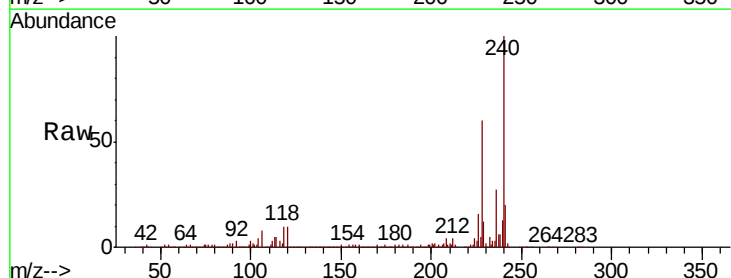


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

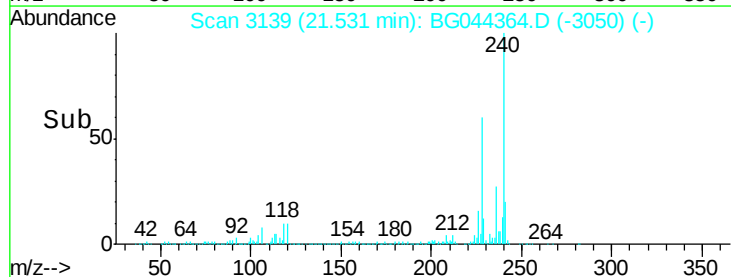
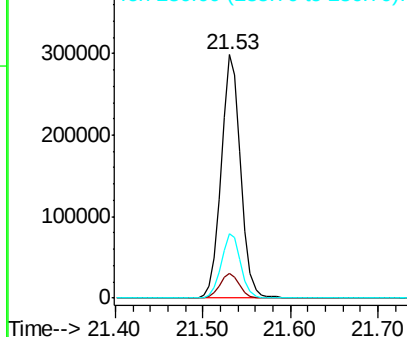


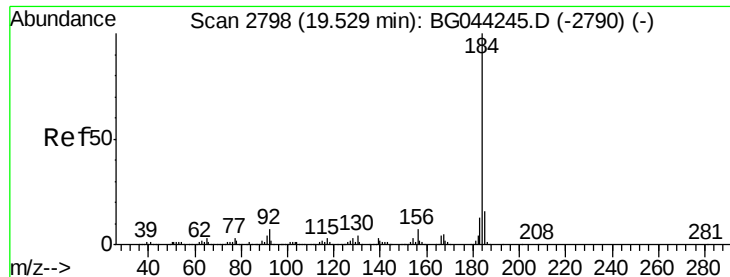
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion:240 Resp: 459232
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 26.6 22.1 33.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.166 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

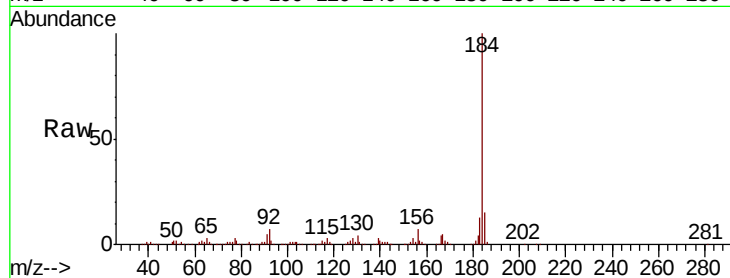
Tot Ion:184 Resp: 409736

Ion Ratio Lower Upper

184 100

185 14.9 12.9 19.3

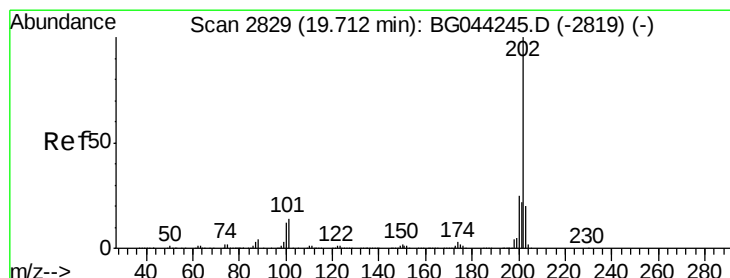
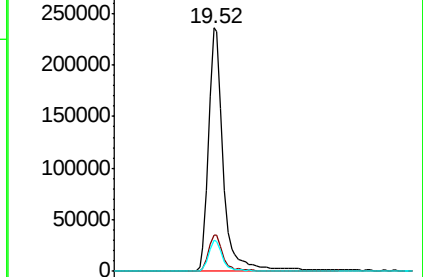
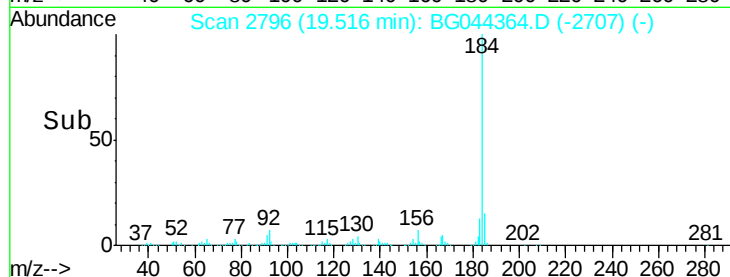
183 12.5 10.8 16.2



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: 39.575 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

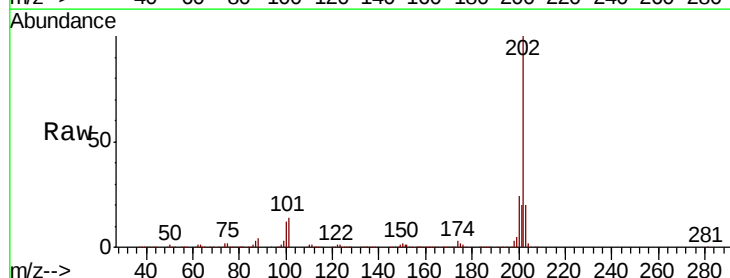
Tgt Ion:202 Resp: 1167143

Ion Ratio Lower Upper

202 100

200 23.9 20.0 30.0

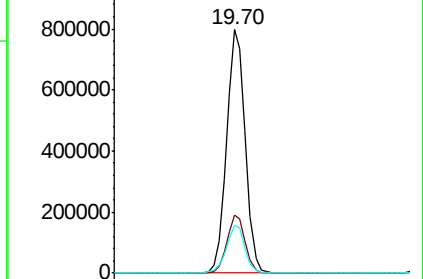
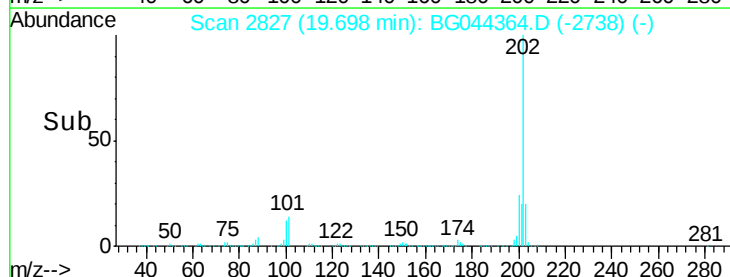
203 19.8 16.2 24.2



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: 56.737 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

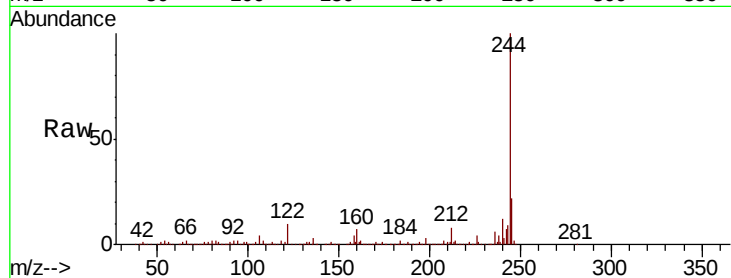
Tot Ion:244 Resp: 1266746

Ion Ratio Lower Upper

244 100

212 8.0 7.4 11.2

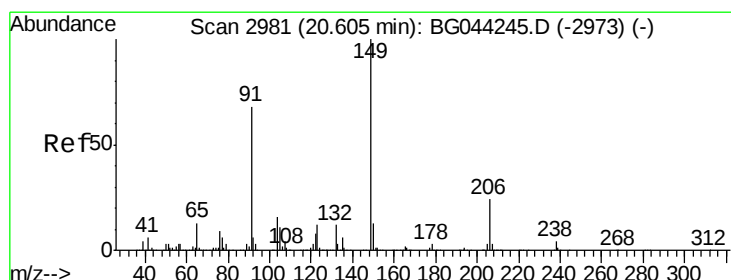
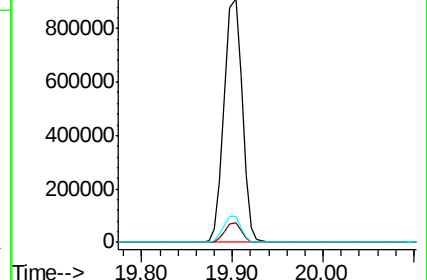
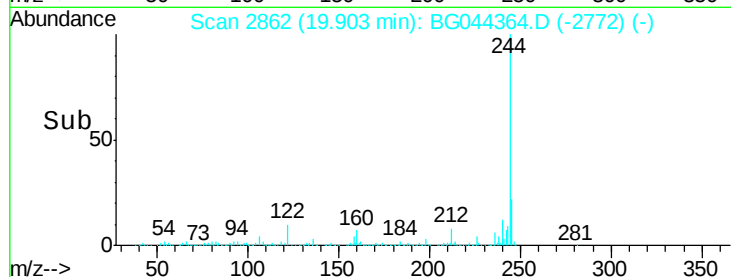
122 10.5 9.8 14.6



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: 37.291 ng

RT: 20.59 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

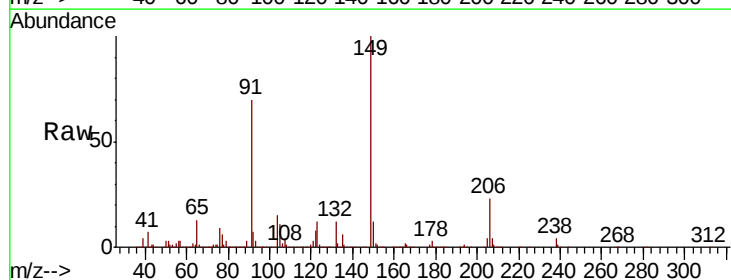
Tgt Ion:149 Resp: 501188

Ion Ratio Lower Upper

149 100

91 69.5 54.5 81.7

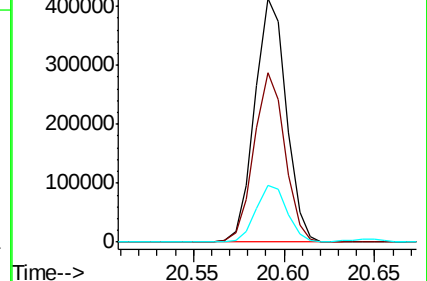
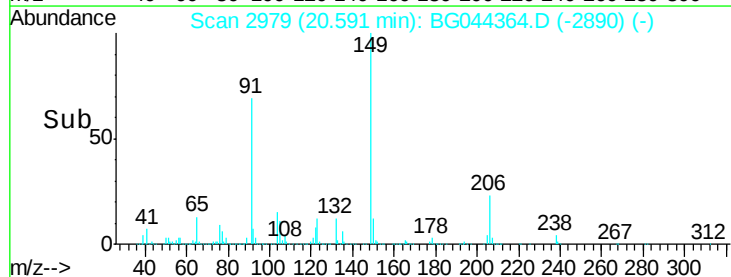
206 23.1 19.1 28.7

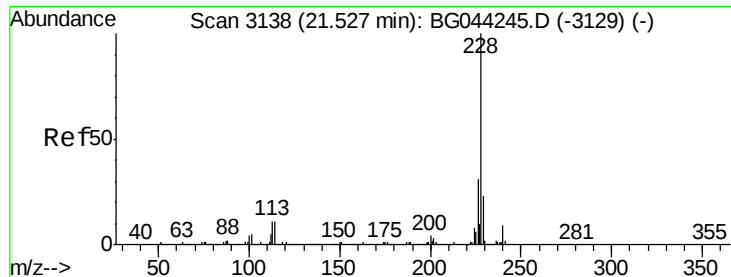


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

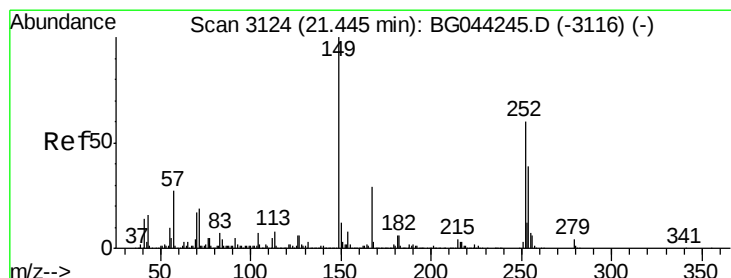
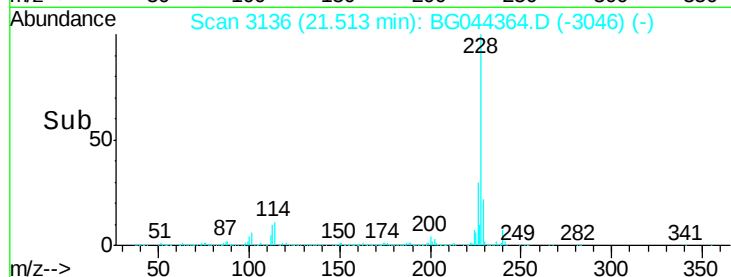
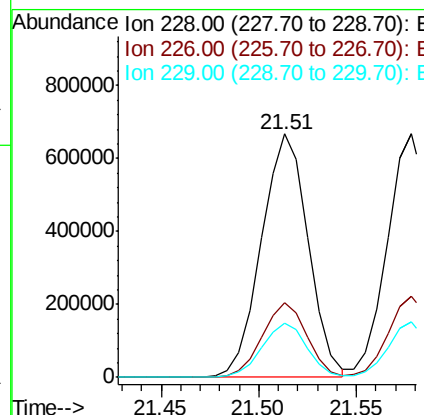
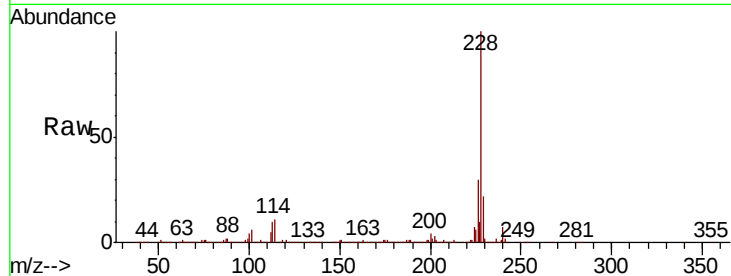




#81
Benzo(a)anthracene
Concen: 38.902 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

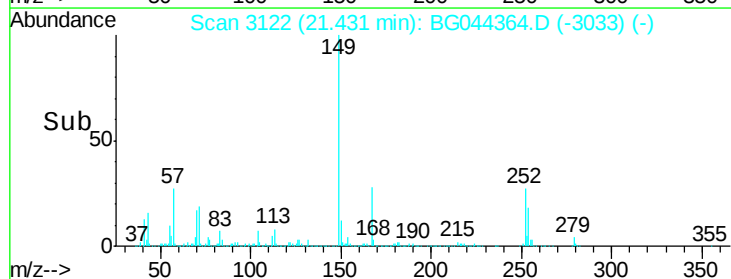
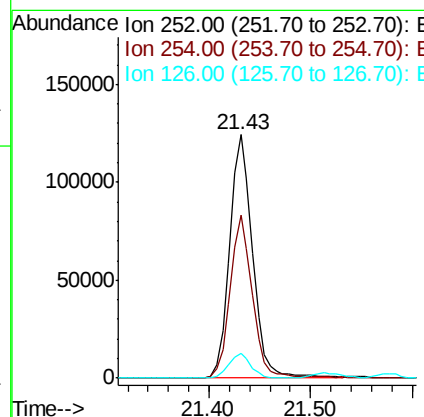
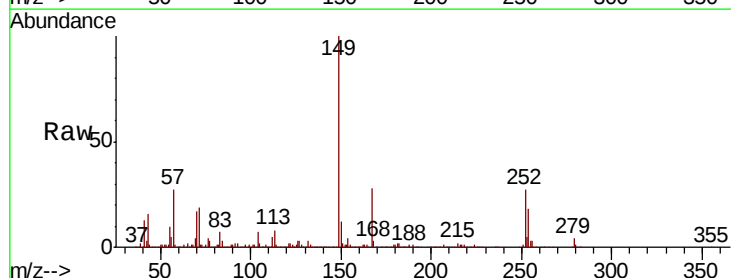
Instrument :
BNA_G
ClientSampleId :

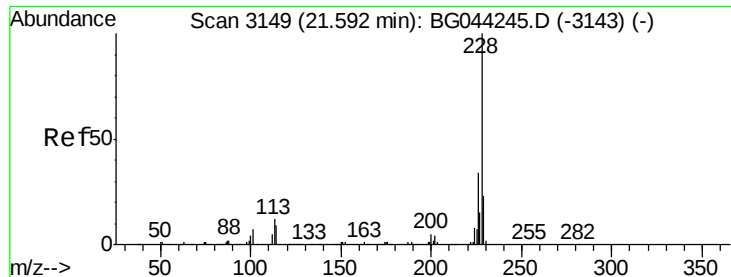
Tot Ion:228 Resp: 1101038
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 22.1 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 17.715 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion:252 Resp: 194590
Ion Ratio Lower Upper
252 100
254 66.9 52.6 78.8
126 10.2 8.2 12.4





#83

Chrvsene

Concen: 38.697 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

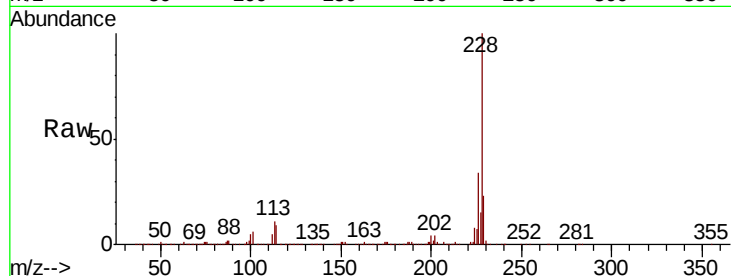
Tot Ion:228 Resp: 1058662

Ion Ratio Lower Upper

228 100

226 33.5 27.1 40.7

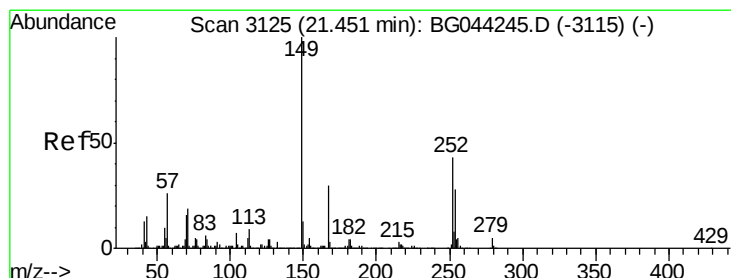
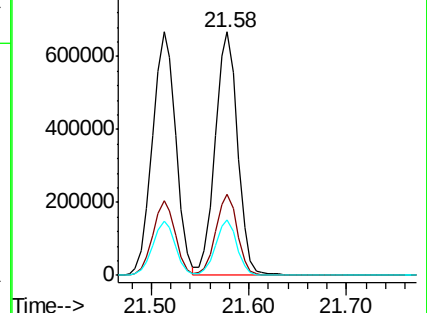
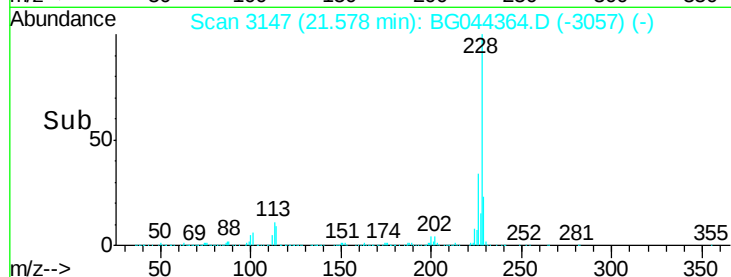
229 22.7 17.9 26.9



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: 39.203 ng

RT: 21.44 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

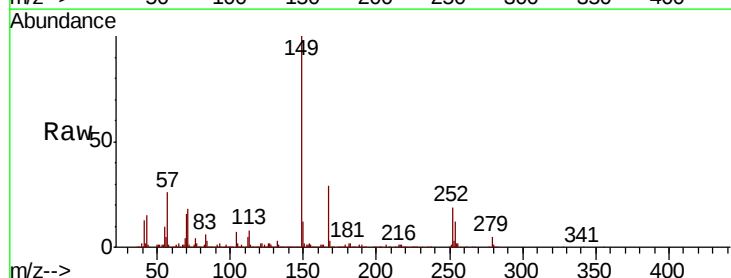
Tgt Ion:149 Resp: 725213

Ion Ratio Lower Upper

149 100

167 29.2 24.0 36.0

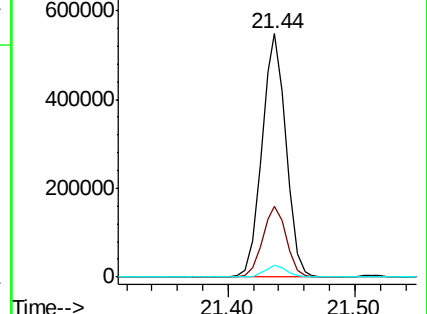
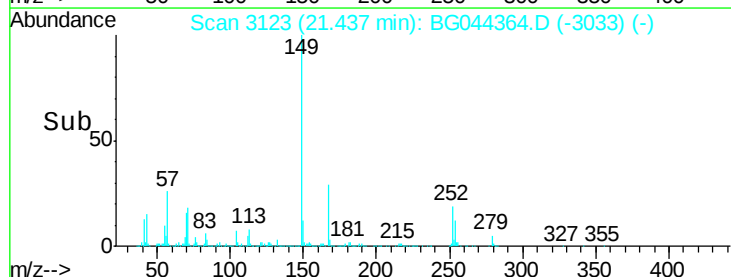
279 4.9 3.8 5.8



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: 38.973 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampled :

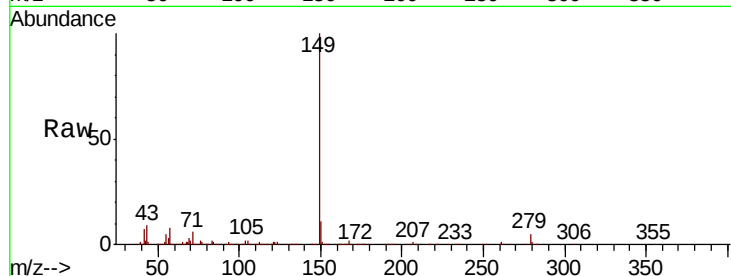
Tot Ion:149 Resp: 1247422

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

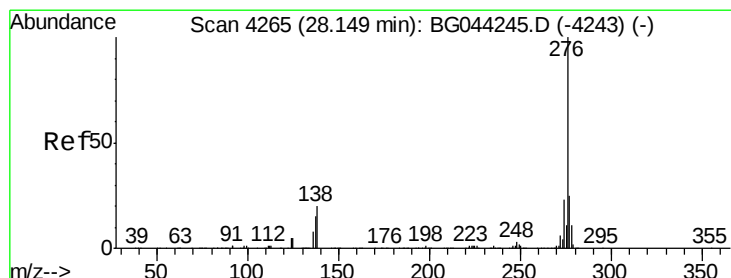
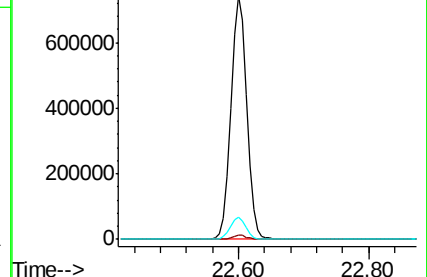
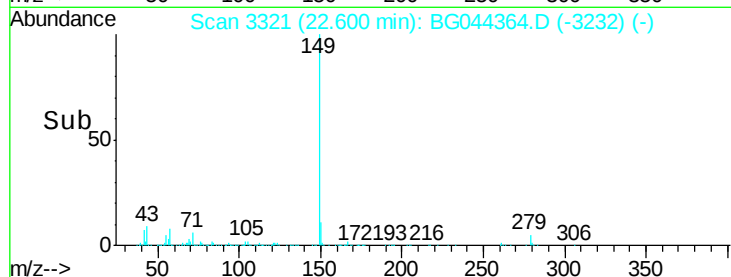
43 8.8 7.4 11.0



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: 38.325 ng

RT: 28.11 min Scan# 4259

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

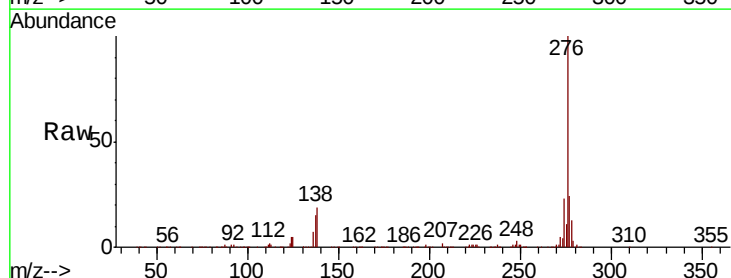
Tgt Ion:276 Resp: 1367877

Ion Ratio Lower Upper

276 100

138 24.1 19.4 29.0

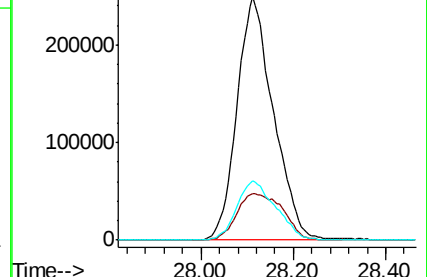
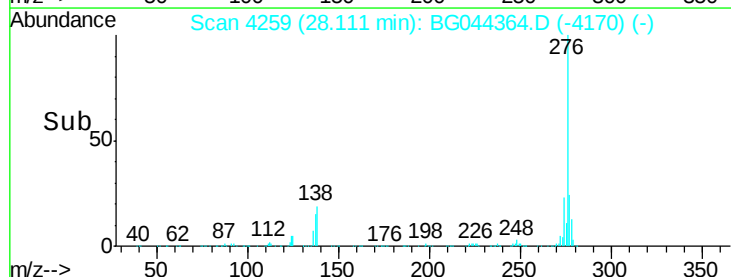
277 26.1 21.0 31.6

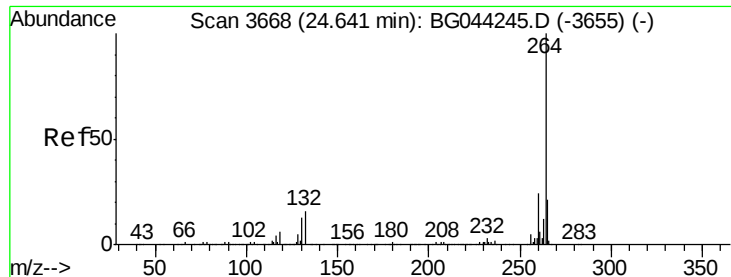


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

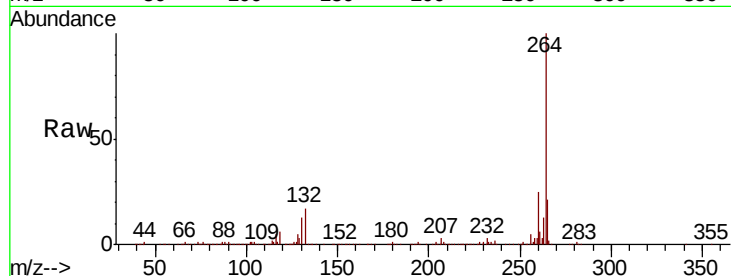
Tot Ion:264 Resp: 492432

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

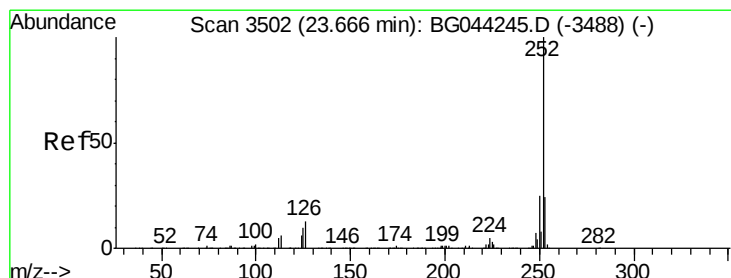
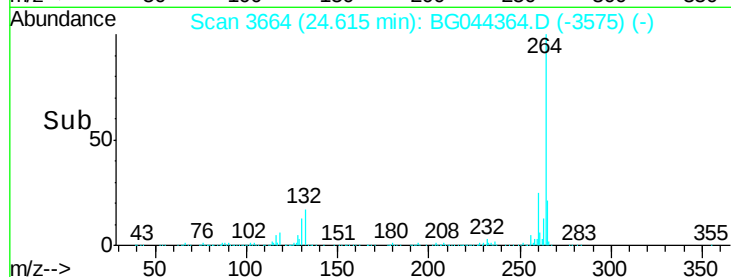
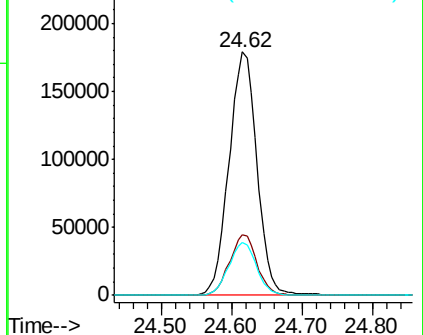
265 21.5 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.547 ng

RT: 23.65 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

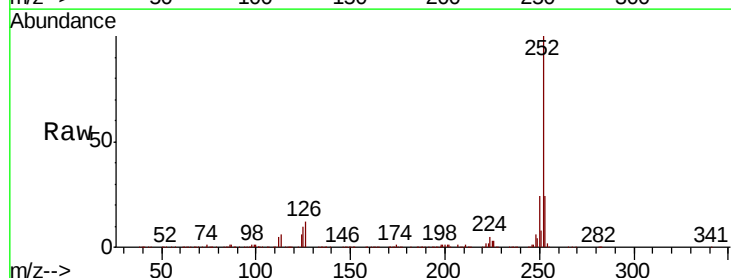
Tgt Ion:252 Resp: 1178921

Ion Ratio Lower Upper

252 100

253 23.7 19.2 28.8

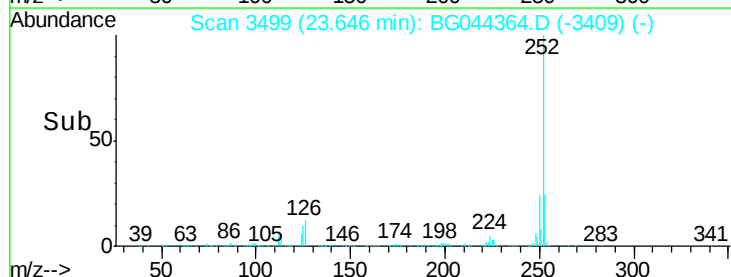
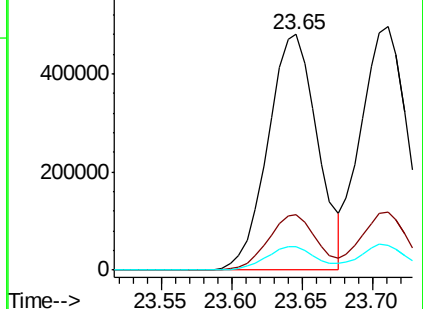
125 10.1 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

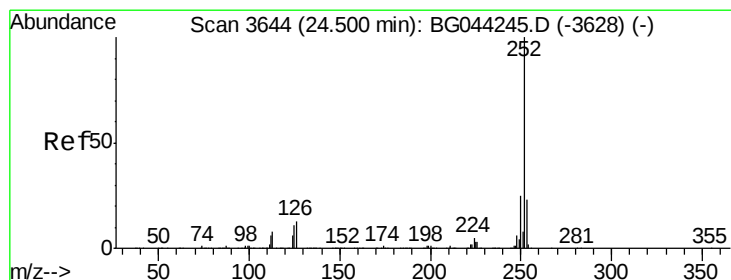
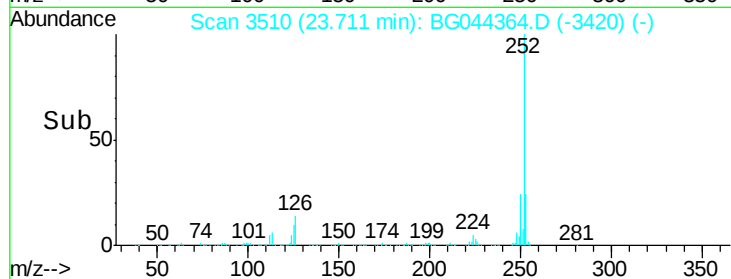
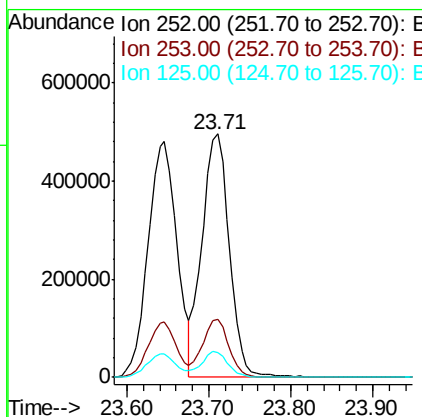
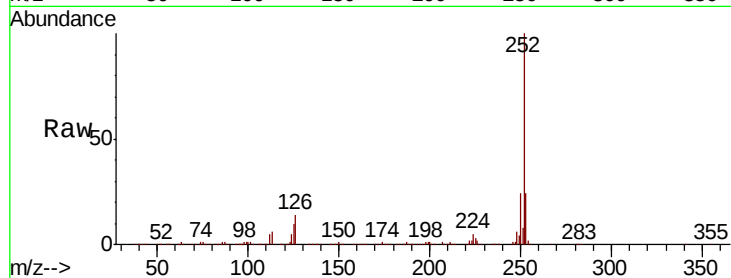




#89
Benzo(k)fluoranthene
Concen: 41.612 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

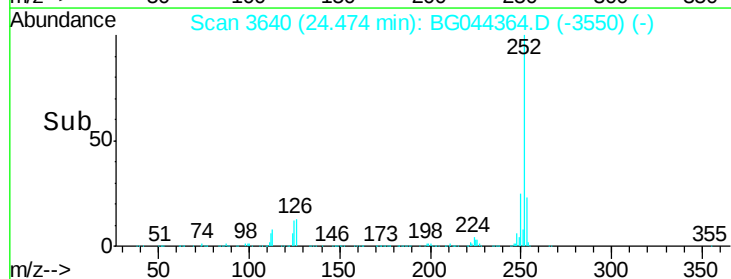
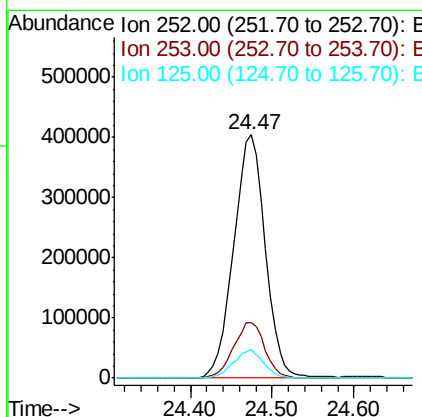
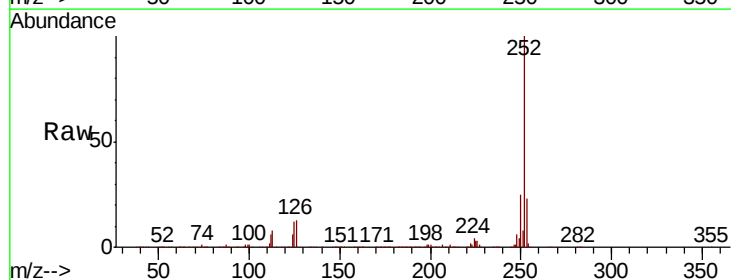
Instrument :
BNA_G
ClientSampleId :

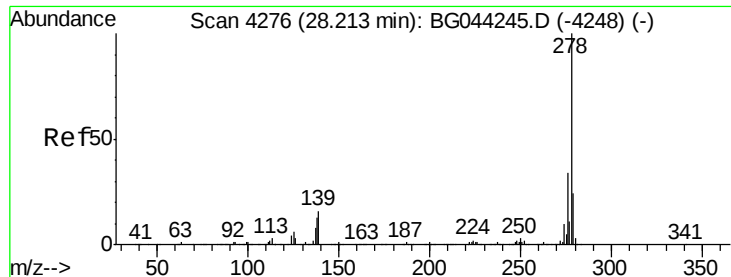
Tot Ion:252 Resp: 1150810
Ion Ratio Lower Upper
252 100
253 23.6 19.1 28.7
125 10.1 8.6 12.8



#90
Benzo(a)pyrene
Concen: 40.488 ng
RT: 24.47 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion:252 Resp: 1086238
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.7 8.6 13.0



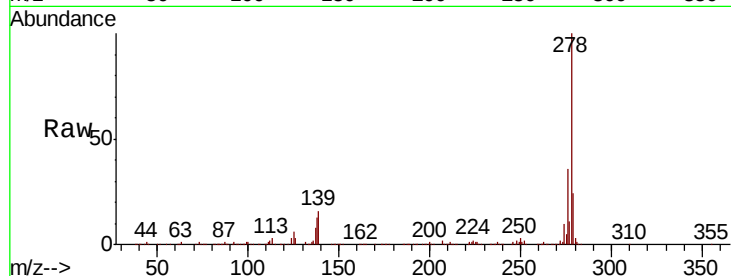


#91
Dibenzo(a,h)anthracene
Concen: 42.578 ng
RT: 28.17 min Scan# 4269
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

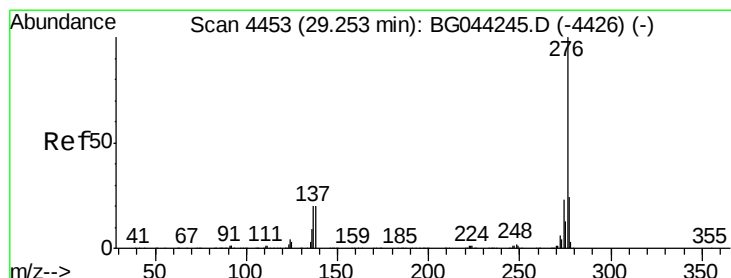
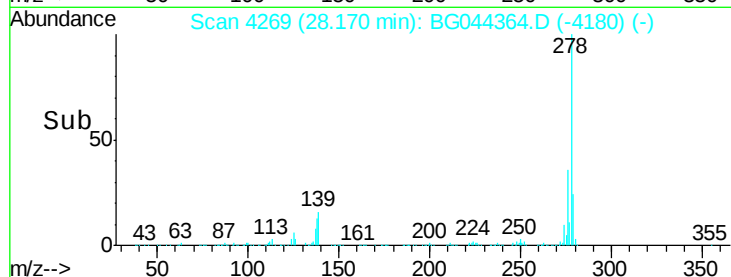
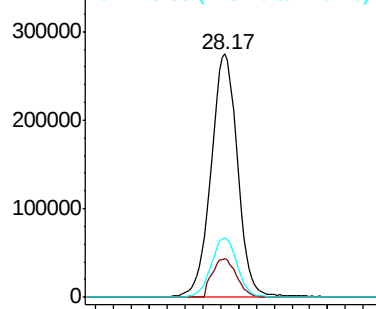
Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1130509

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	24.4	19.3	28.9



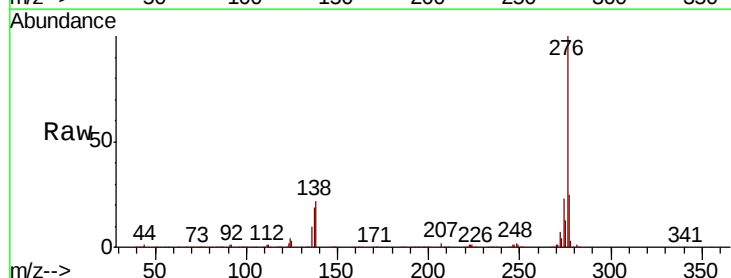
Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.483 ng
RT: 29.20 min Scan# 4444
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion:276 Resp: 1155777

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	21.9	16.2	24.2



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

