

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
 Data File : BG044457.D
 Acq On : 17 Feb 2020 21:37
 Operator : CG/JU
 Sample : L1547-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 06:07:11 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	7.89	152	74322	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	300159	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	198230	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	434714	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	418288	20.00	ng	-0.02
87) Perylene-d12	24.60	264	455798	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	495040	117.55	ng	0.00
7) Phenol-d6	7.07	99	650626	115.05	ng	-0.01
23) Nitrobenzene-d5	9.05	82	386017	72.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	269953	116.00	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	897241	75.79	ng	-0.01
79) Terphenyl-d14	19.89	244	1417220	69.69	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	82079	43.380	ng	99
3) Pyridine	3.75	79	197338	39.147	ng	98
4) n-Nitrosodimethylamine	3.66	42	97076	46.085	ng	97
6) Aniline	7.21	93	176485	25.142	ng	99
8) 2-Chlorophenol	7.46	128	243612	52.635	ng	99
9) Benzaldehyde	7.02	77	99721	30.962	ng	98
10) Phenol	7.09	94	293113	52.373	ng	98
11) bis(2-Chloroethyl)ether	7.31	93	220449	46.073	ng	99
12) 1,3-Dichlorobenzene	7.78	146	255045	46.154	ng	98
13) 1,4-Dichlorobenzene	7.92	146	257014	46.959	ng	99
14) 1,2-Dichlorobenzene	8.25	146	243288	47.028	ng	99
15) Benzyl Alcohol	8.13	79	195227	48.762	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.42	45	282617	43.640	ng	99
17) 2-Methylphenol	8.34	107	205863	51.555	ng	97
18) Hexachloroethane	8.97	117	92657	45.114	ng	97
19) n-Nitroso-di-n-propylamine	8.70	70	169794	45.052	ng	98
20) 3+4-Methylphenols	8.67	107	282292	51.297	ng	98
22) Acetophenone	8.71	105	322750	44.201	ng	100
24) Nitrobenzene	9.09	77	242653	46.750	ng	98
25) Isophorone	9.61	82	469591	47.388	ng	100
26) 2-Nitrophenol	9.80	139	138309	51.354	ng	99
27) 2,4-Dimethylphenol	9.87	122	228711	60.159	ng	97
28) bis(2-Chloroethoxy)methane	10.10	93	296330	44.826	ng	99
29) 2,4-Dichlorophenol	10.34	162	238460	51.873	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	245005	46.481	ng	98
31) Naphthalene	10.74	128	708224	48.632	ng	100
32) Benzoic acid	10.04	122	88587	39.103	ng	92
33) 4-Chloroaniline	10.85	127	88298	13.332	ng	98
34) Hexachlorobutadiene	11.04	225	144991	44.703	ng	100
35) Caprolactam	11.62	113	50931	30.245	ng	97
36) 4-Chloro-3-methylphenol	11.99	107	248838	51.629	ng	99
37) 2-Methylnaphthalene	12.35	142	525447	48.596	ng	99
38) 1-Methylnaphthalene	12.57	142	500304	49.079	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	266863	45.004	ng	99

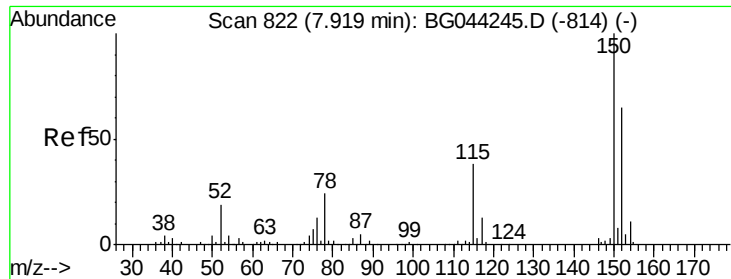
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	291440	102.430	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	192939	50.339	ng	98
44) 2,4,5-Trichlorophenol	13.04	196	204873	52.332	ng	98
46) 1,1'-Biphenyl	13.36	154	666205	46.593	ng	97
47) 2-Chloronaphthalene	13.40	162	523967	46.051	ng	100
48) 2-Nitroaniline	13.60	65	150001	44.671	ng	93
49) Acenaphthylene	14.25	152	830173	49.745	ng	99
50) Dimethylphthalate	13.99	163	701656	49.241	ng	99
51) 2,6-Dinitrotoluene	14.10	165	152842	48.107	ng	97
52) Acenaphthene	14.60	154	511899	47.323	ng	98
53) 3-Nitroaniline	14.43	138	66914	19.037	ng	95
54) 2,4-Dinitrophenol	14.64	184	185742	96.885	ng	98
55) Dibenzofuran	14.93	168	792136	48.367	ng	98
56) 4-Nitrophenol	14.76	139	277323	107.708	ng	95
57) 2,4-Dinitrotoluene	14.89	165	213710	47.992	ng	99
58) Fluorene	15.58	166	630247	48.859	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	178537	50.489	ng	99
60) Diethylphthalate	15.36	149	665882	46.898	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	331476	47.393	ng	100
62) 4-Nitroaniline	15.60	138	149819	42.655	ng	96
63) Azobenzene	15.87	77	594027	47.736	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	136922	57.060	ng	99
66) n-Nitrosodiphenylamine	15.78	169	588431	48.301	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	222486	46.976	ng	98
68) Hexachlorobenzene	16.59	284	246087	46.378	ng	99
69) Atrazine	16.74	200	229171	54.883	ng	97
70) Pentachlorophenol	16.94	266	267021	98.749	ng	97
71) Phenanthrene	17.32	178	1074350	51.037	ng	99
72) Anthracene	17.41	178	1058045	50.839	ng	99
73) Carbazole	17.68	167	945558	49.284	ng	99
74) Di-n-butylphthalate	18.24	149	1145254	48.304	ng	100
75) Fluoranthene	19.33	202	1284186	52.736	ng	99
77) Benzidine	19.50	184	536580	46.248	ng	98
78) Pyrene	19.69	202	1278932	47.610	ng	99
80) Butylbenzylphthalate	20.58	149	536717	43.844	ng	99
81) Benzo(a)anthracene	21.50	228	1229724	47.702	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	228310	22.819	ng	99
83) Chrysene	21.57	228	1163550	46.695	ng	100
84) Bis(2-ethylhexyl)phthalate	21.42	149	764422	45.368	ng	98
85) Di-n-octyl phthalate	22.58	149	1344640	46.123	ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1518380	46.706	ng	# 91
88) Benzo(b)fluoranthene	23.63	252	1320184	50.265	ng	100
89) Benzo(k)fluoranthene	23.69	252	1253342	48.962	ng	99
90) Benzo(a)pyrene	24.45	252	1217666	49.034	ng	98
91) Dibenzo(a,h)anthracene	28.13	278	1222100	49.727	ng	98
92) Benzo(g,h,i)perylene	29.17	276	1271113	51.666	ng	98

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

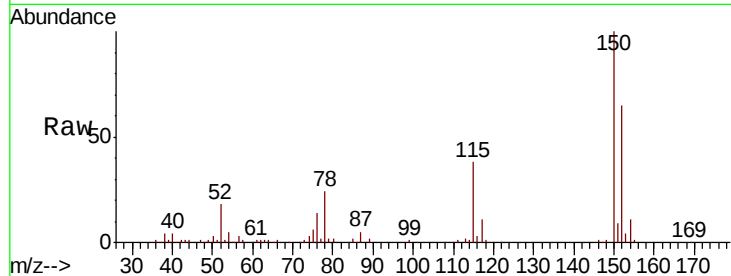


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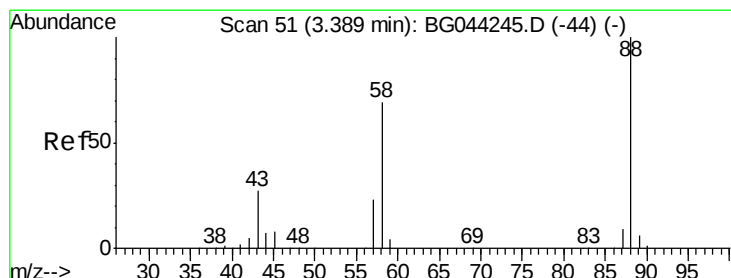
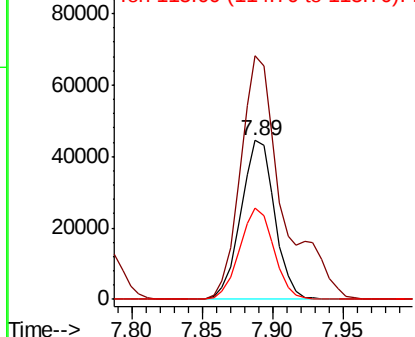
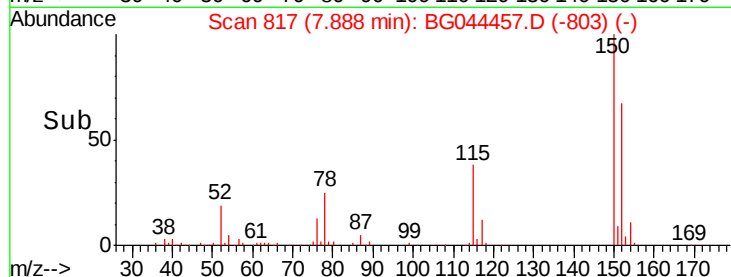
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 74322
Ion Ratio Lower Upper
152 100
150 153.6 122.6 183.8
115 57.6 46.0 69.0



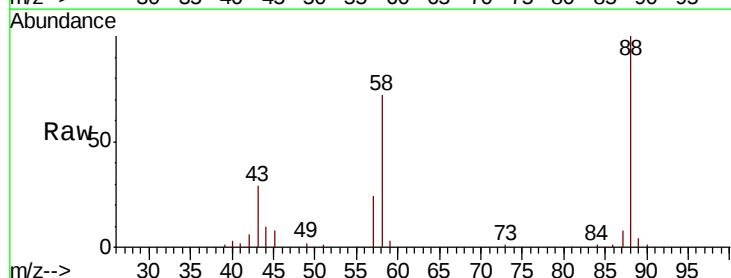
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



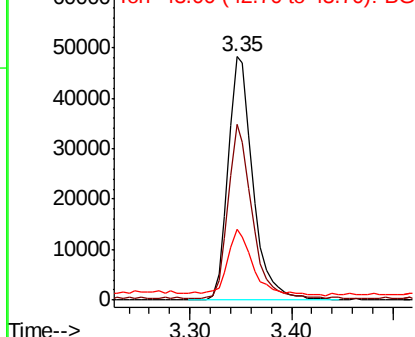
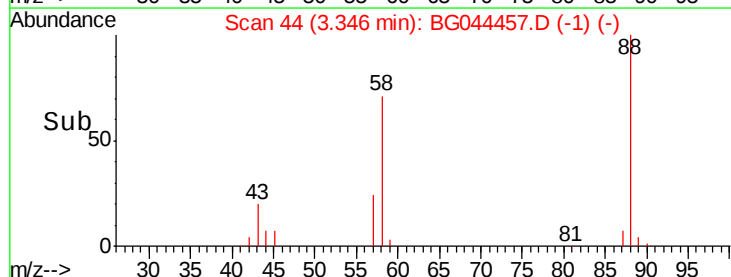
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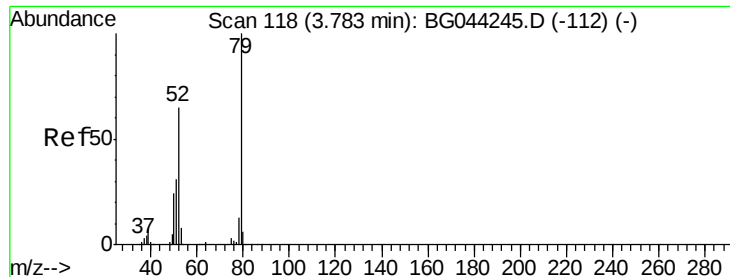
1,4-Dioxane
Concen: 43.380 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion: 88 Resp: 82079
Ion Ratio Lower Upper
88 100
58 68.6 55.8 83.6
43 26.7 21.6 32.4



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





#3

Pvridine

Concen: 39.147 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampleId :

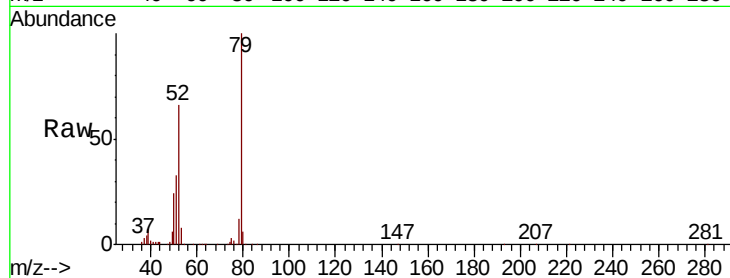
Tot Ion: 79 Resp: 197338

Ion Ratio Lower Upper

79 100

52 66.4 51.9 77.9

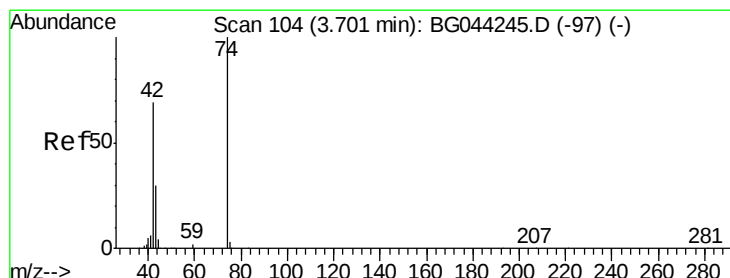
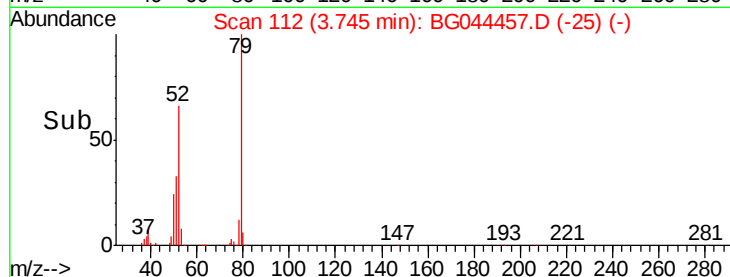
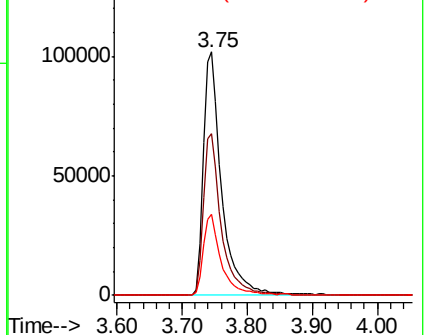
51 33.1 25.3 37.9



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: 46.085 ng

RT: 3.66 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

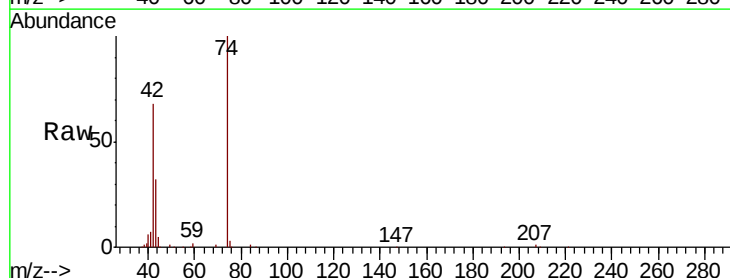
Tgt Ion: 42 Resp: 97076

Ion Ratio Lower Upper

42 100

74 147.2 115.1 172.7

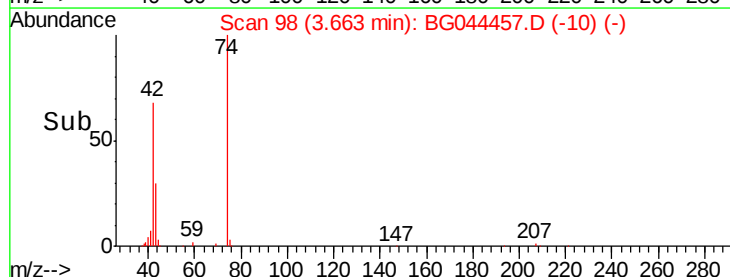
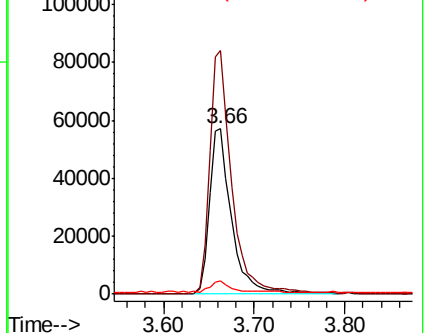
44 7.6 5.6 8.4

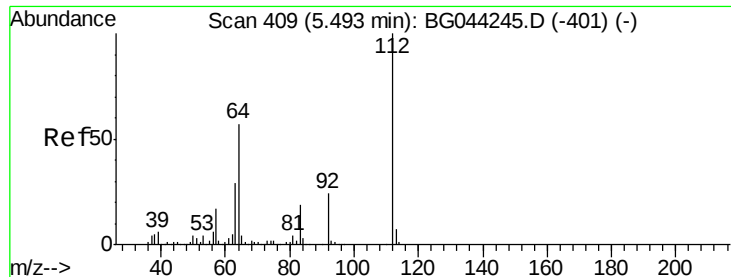


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 117.552 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampleId :

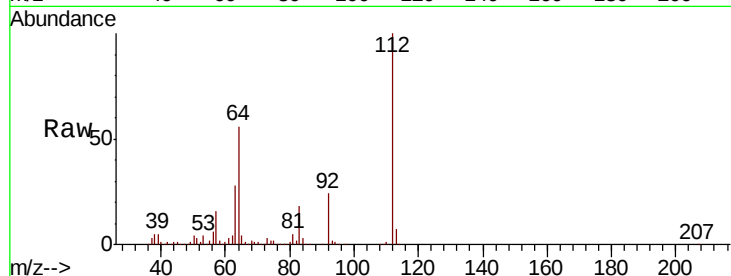
Tot Ion:112 Resp: 495040

Ion Ratio Lower Upper

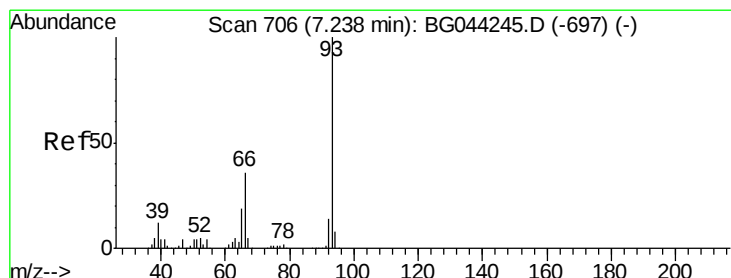
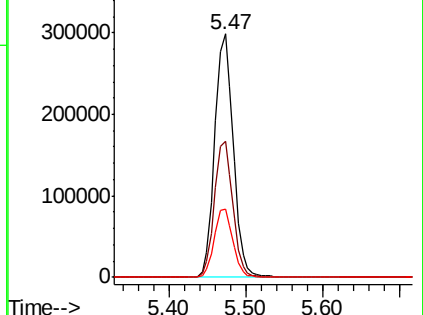
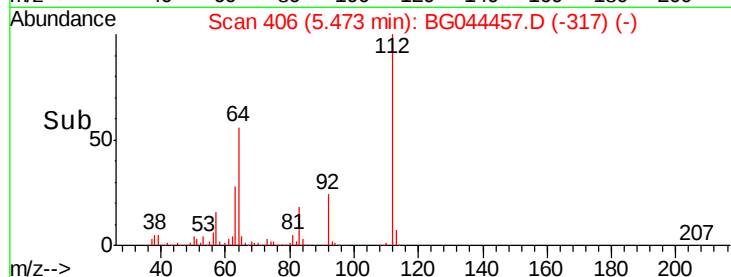
112 100

64 56.1 45.4 68.2

63 28.1 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: 25.142 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

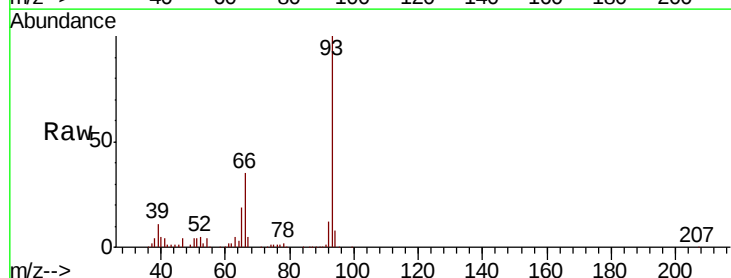
Tgt Ion: 93 Resp: 176485

Ion Ratio Lower Upper

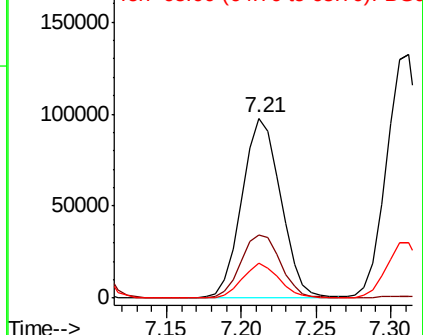
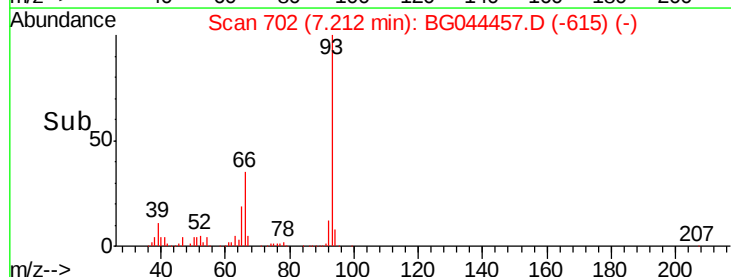
93 100

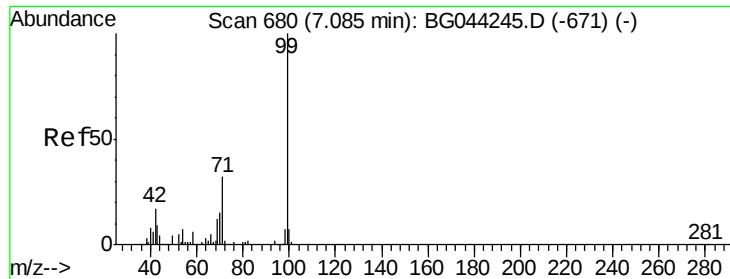
66 35.4 28.7 43.1

65 19.5 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: 115.052 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

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ClientSampleId :

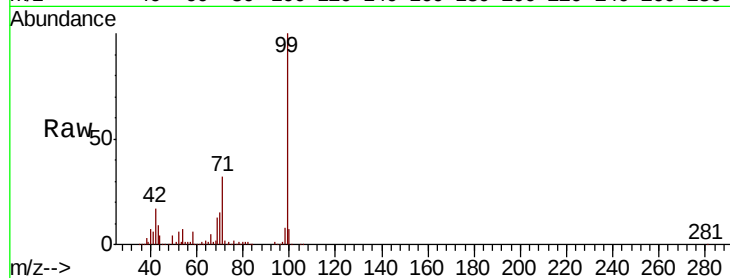
Tot Ion: 99 Resp: 650626

Ion Ratio Lower Upper

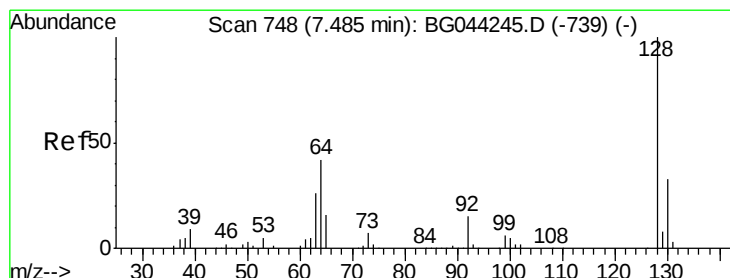
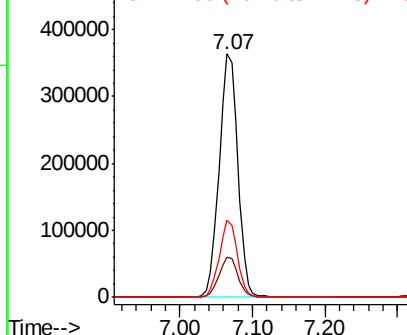
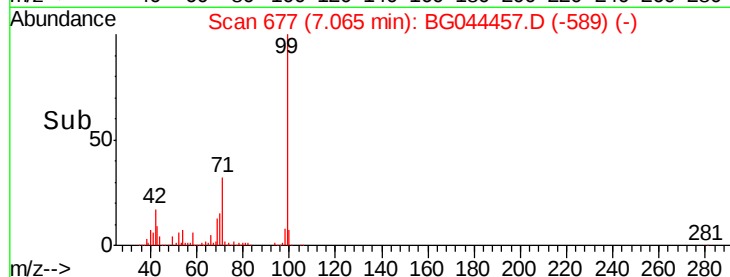
99 100

42 16.7 13.8 20.6

71 31.7 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: 52.635 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

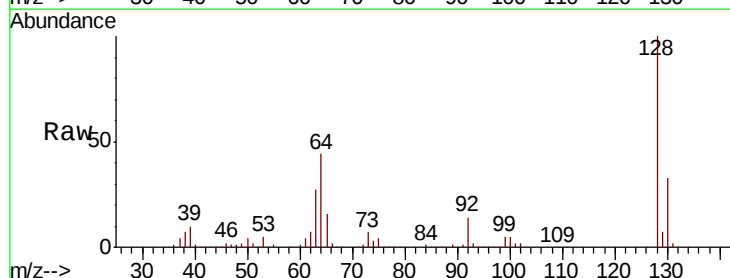
Tgt Ion: 128 Resp: 243612

Ion Ratio Lower Upper

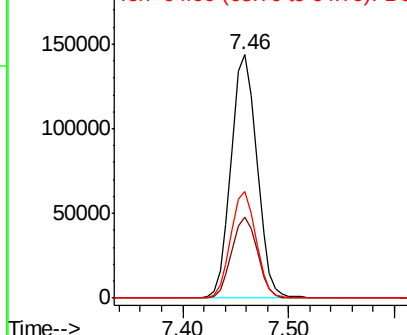
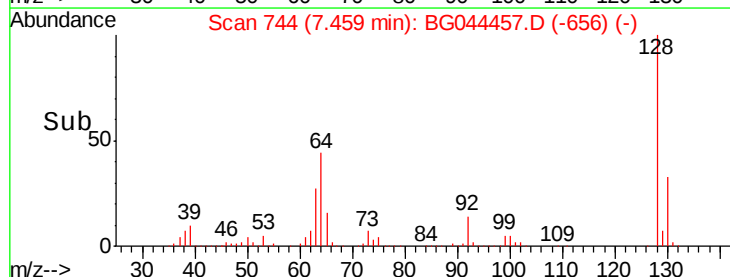
128 100

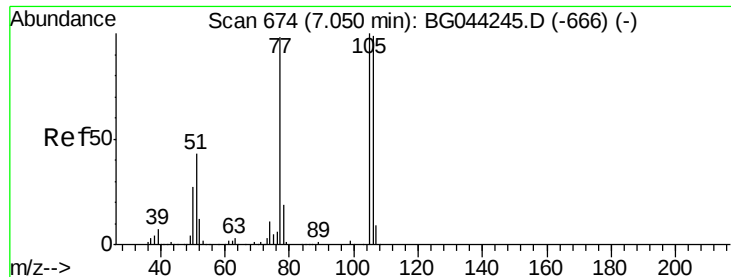
130 33.2 12.5 52.5

64 44.0 24.2 64.2



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





#9

Benzaldehyde

Concen: 30.962 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampleId :

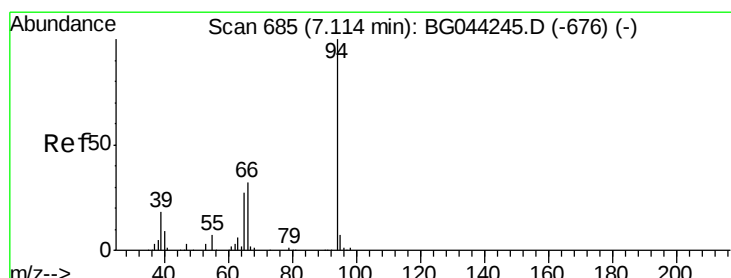
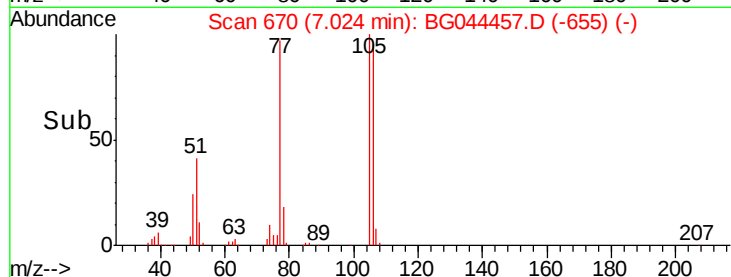
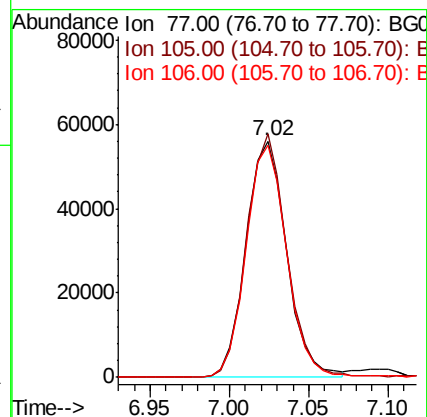
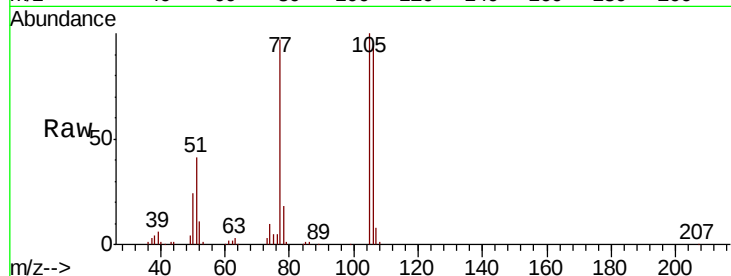
Tot Ion: 77 Resp: 99721

Ion Ratio Lower Upper

77 100

105 103.2 82.0 122.0

106 98.2 80.7 120.7



#10

Phenol

Concen: 52.373 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

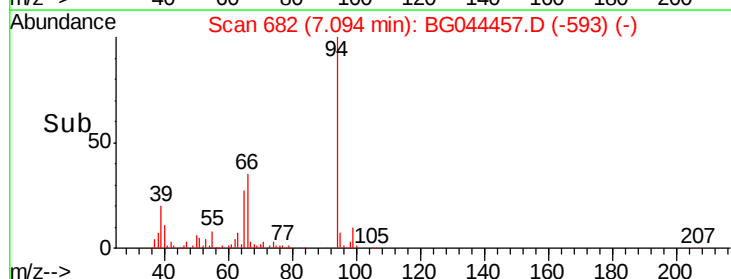
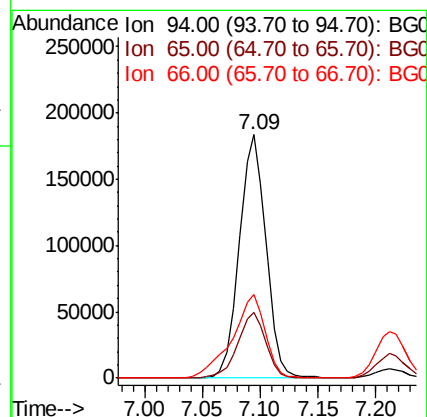
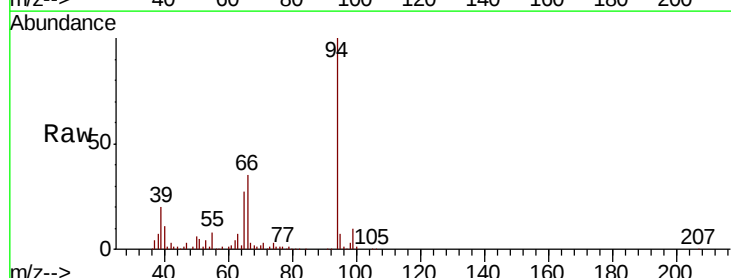
Tgt Ion: 94 Resp: 293113

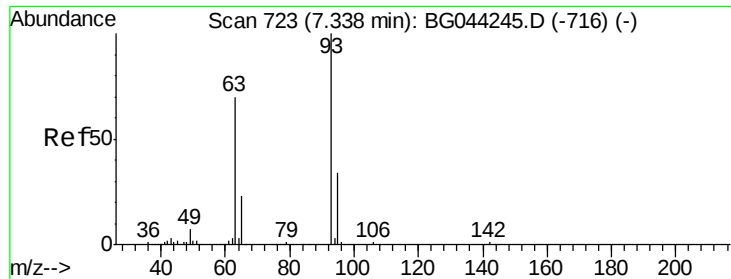
Ion Ratio Lower Upper

94 100

65 26.9 7.0 47.0

66 34.5 12.7 52.7

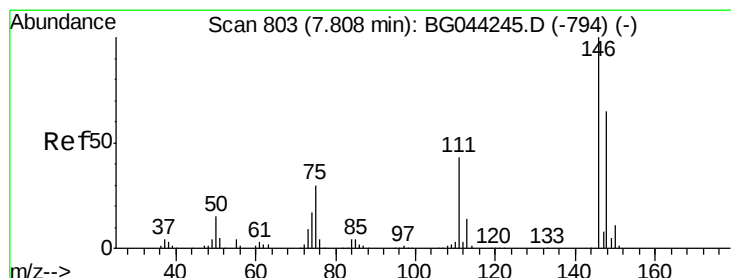
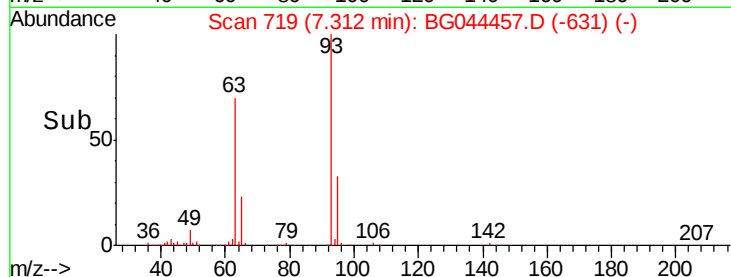
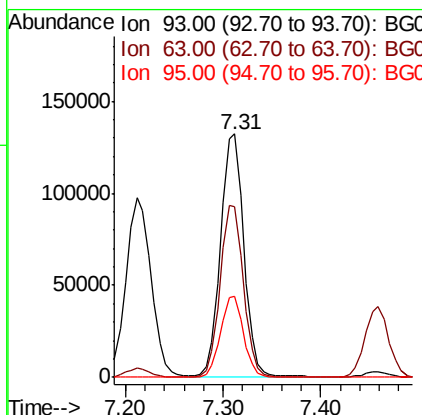
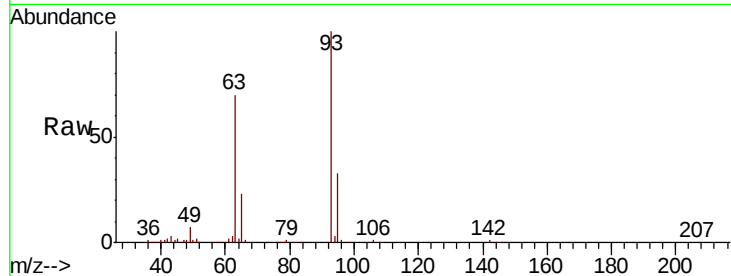




#11
bis(2-Chloroethyl)ether
Concen: 46.073 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

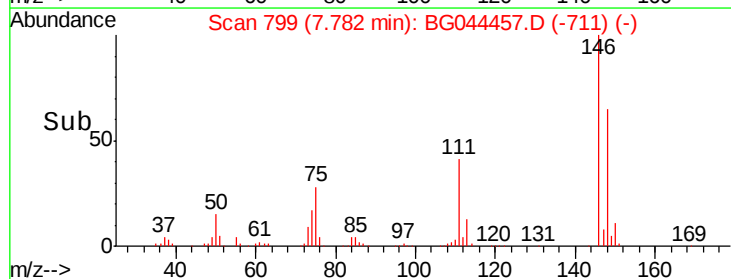
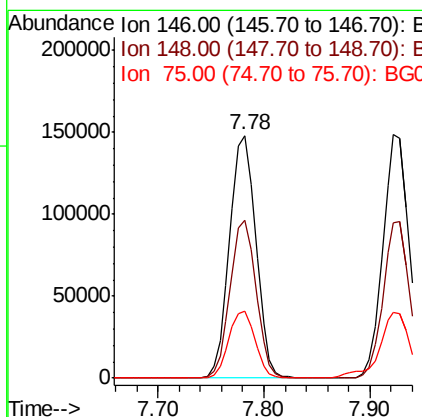
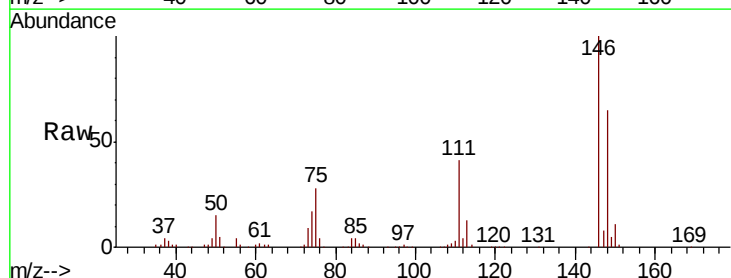
Instrument :
BNA_G
ClientSampleId :

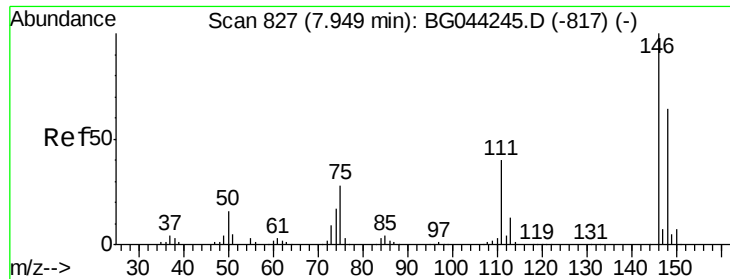
Tot Ion: 93 Resp: 220449
Ion Ratio Lower Upper
93 100
63 70.2 49.2 89.2
95 33.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 46.154 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion: 146 Resp: 255045
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 27.7 23.7 35.5

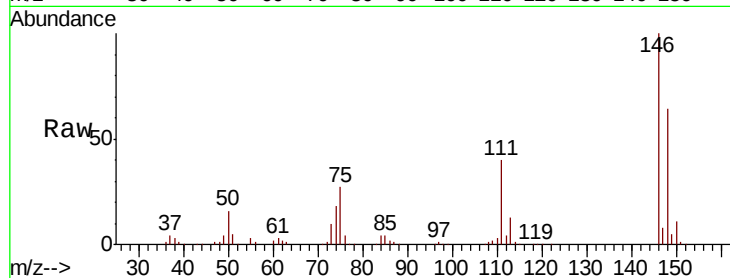




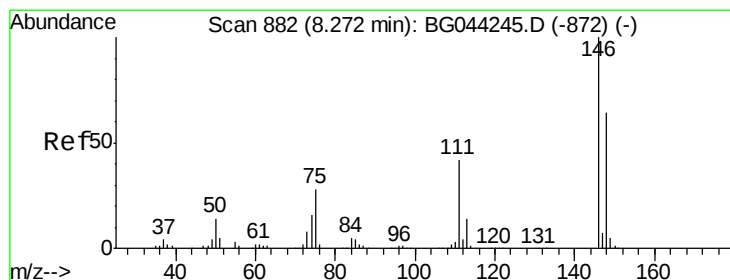
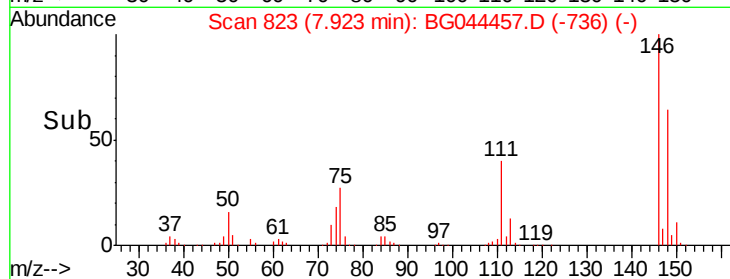
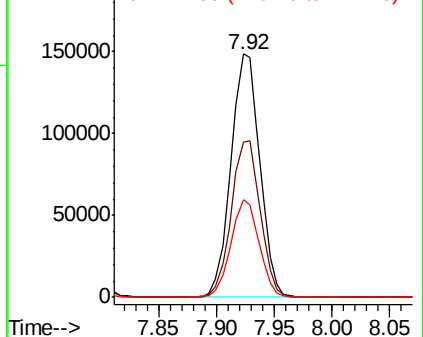
#13
 1,4-Dichlorobenzene
 Concen: 46.959 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 257014
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.0
 111 40.3 31.8 47.8

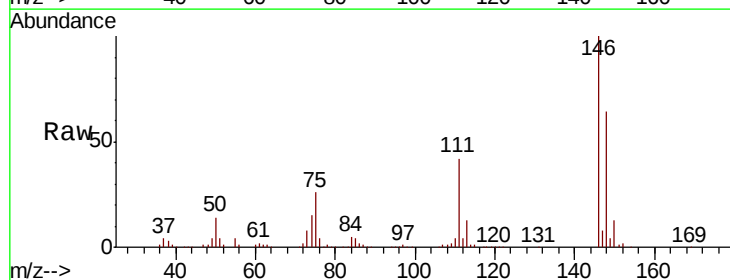


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

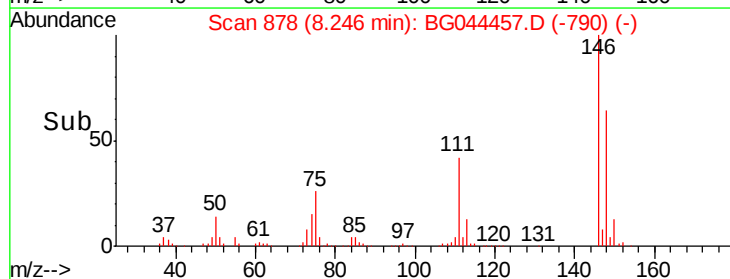
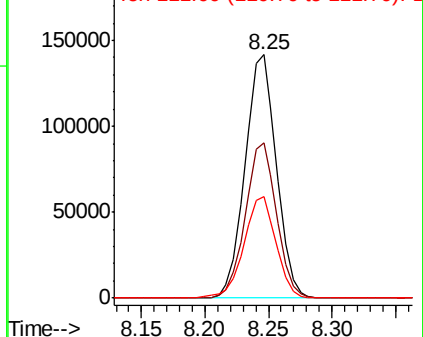


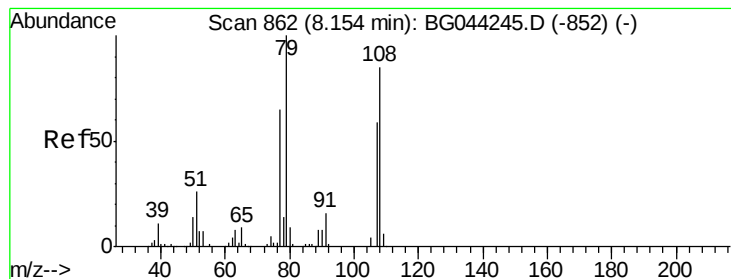
#14
 1,2-Dichlorobenzene
 Concen: 47.028 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion:146 Resp: 243288
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.2 76.8
 111 41.5 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: 48.762 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampleId :

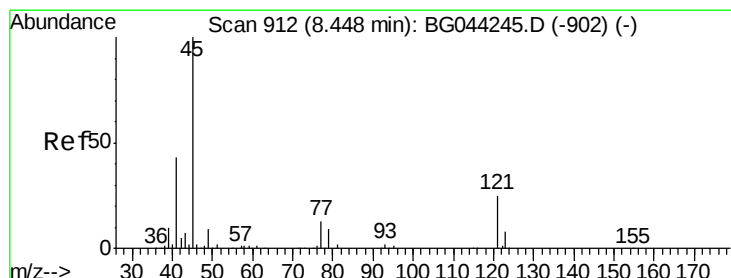
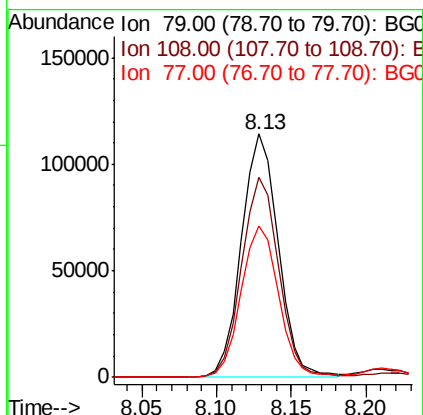
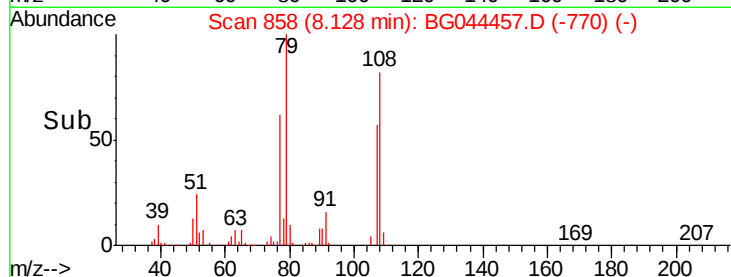
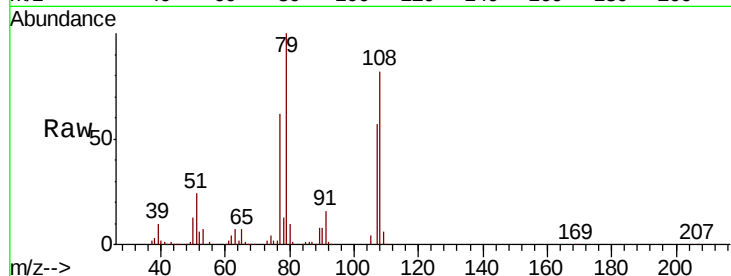
Tot Ion: 79 Resp: 195227

Ion Ratio Lower Upper

79 100

108 82.3 68.3 102.5

77 62.0 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.640 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

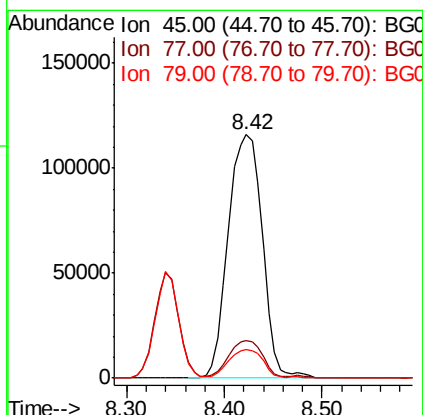
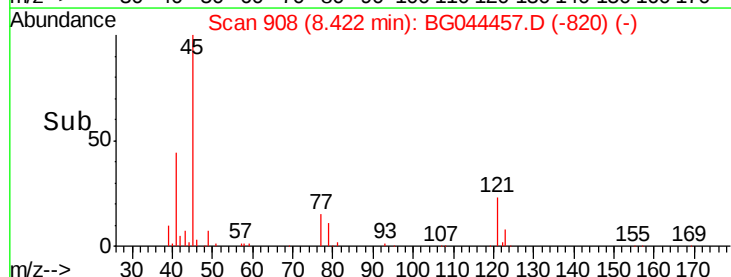
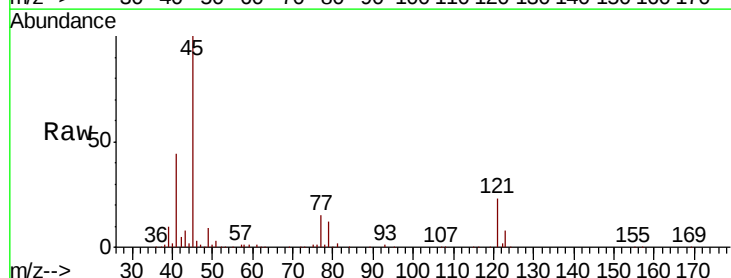
Tgt Ion: 45 Resp: 282617

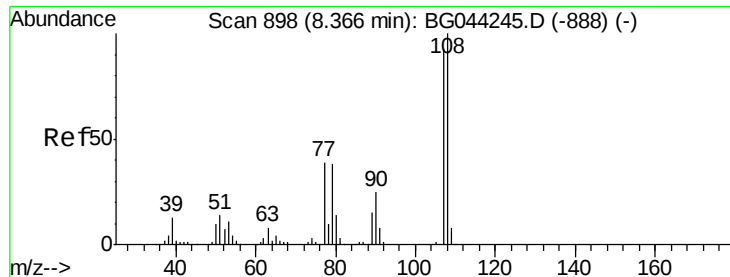
Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.2

79 11.8 0.0 31.1

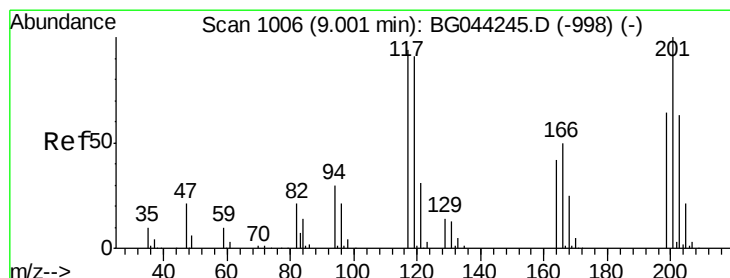
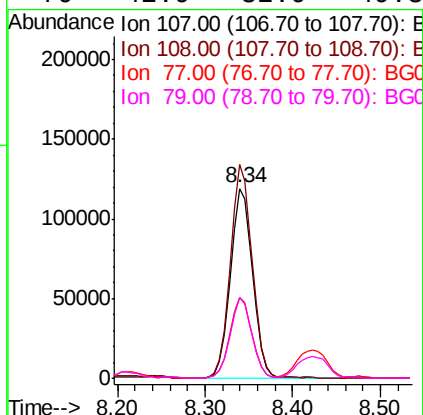
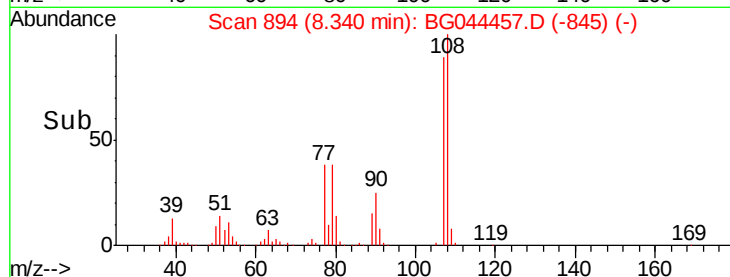
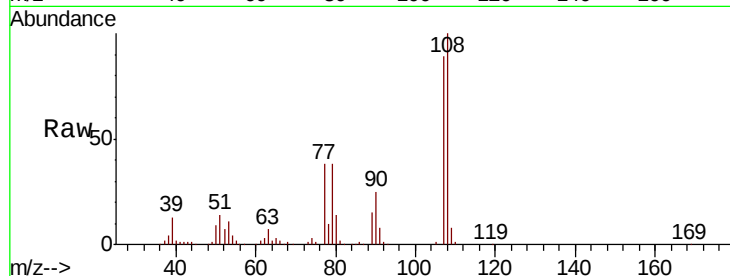




#17
2-Methylphenol
Concen: 51.555 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

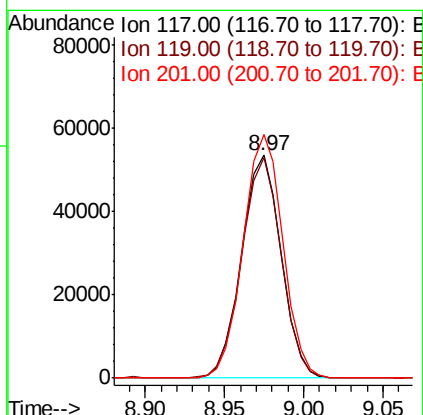
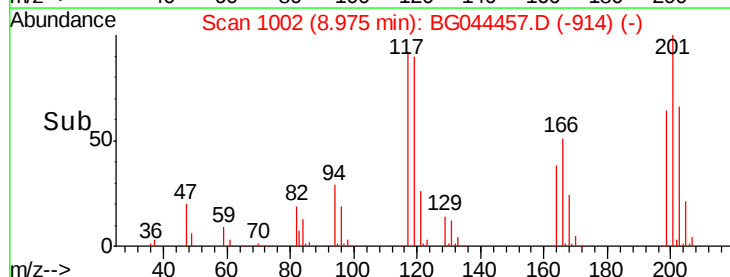
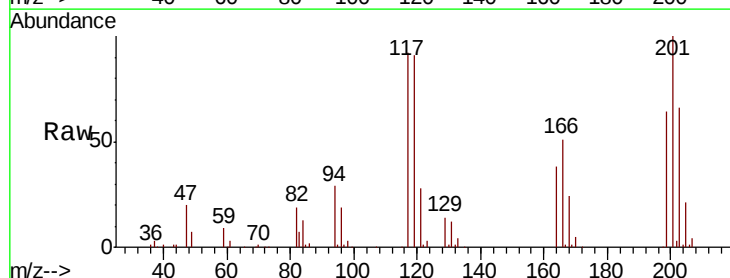
Instrument :
BNA_G
ClientSampleId :

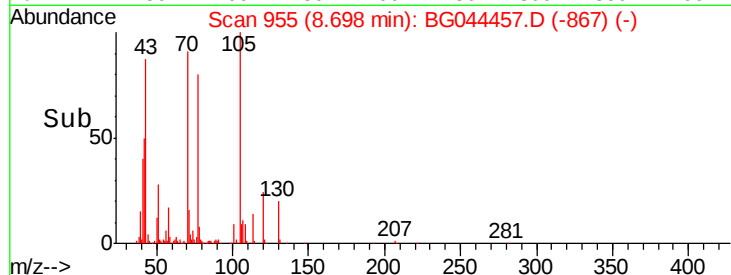
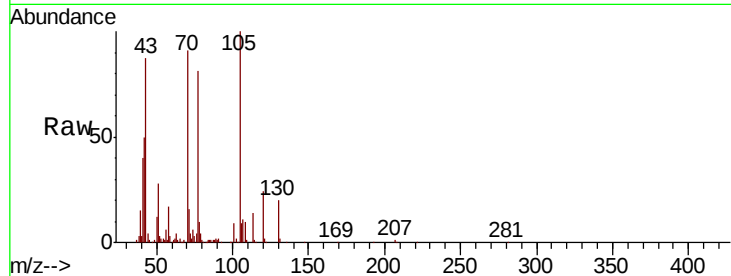
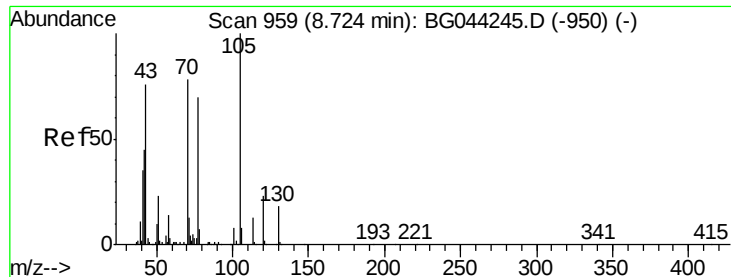
Tot Ion:	107	Resp:	205863
Ion	Ratio	Lower	Upper
107	100		
108	112.6	86.4	129.6
77	42.4	34.0	51.0
79	42.9	32.9	49.3



#18
Hexachloroethane
Concen: 45.114 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion:	117	Resp:	92657
Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.5	116.3
201	109.2	84.9	127.3

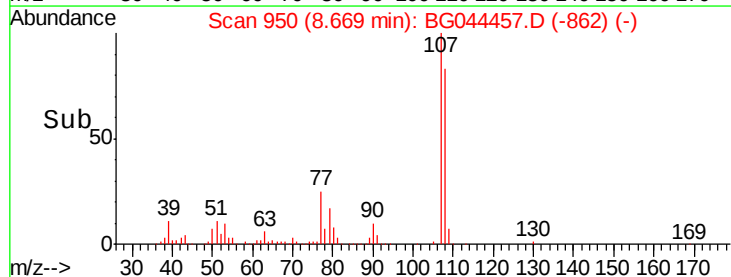
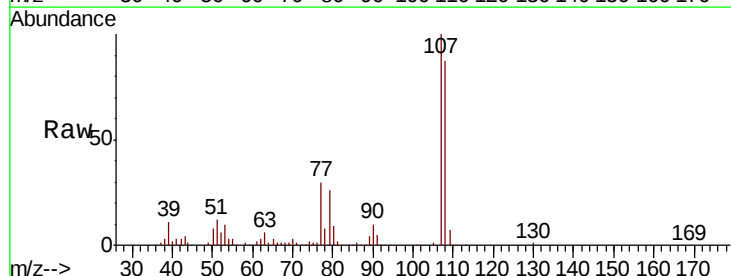
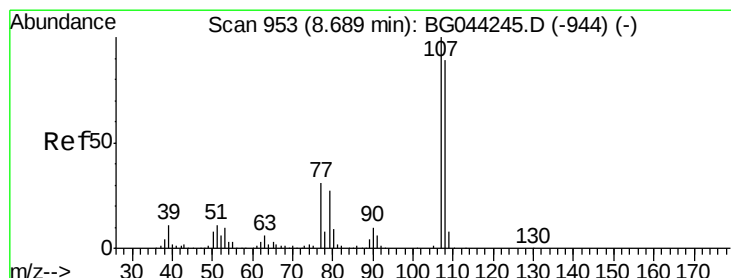
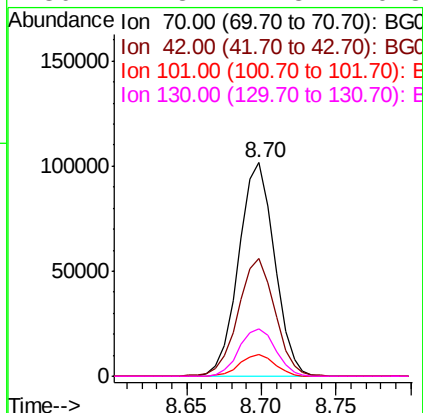




#19
n-Nitroso-di-n-propylamine
Concen: 45.052 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

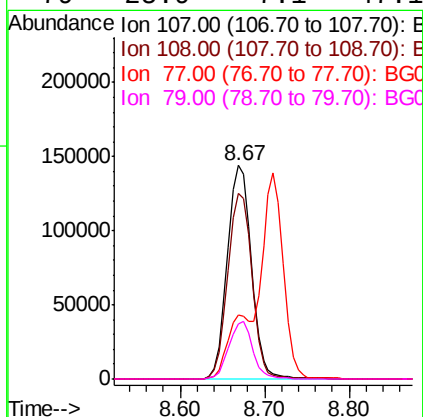
Instrument :
BNA_G
ClientSampleId :

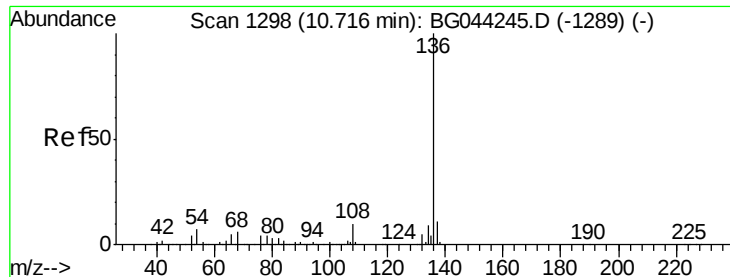
Tot Ion:	70	Resp:	169794
Ion	Ratio	Lower	Upper
70	100		
42	55.3	46.2	69.2
101	10.1	8.4	12.6
130	22.3	17.8	26.8



#20
3+4-Methylphenols
Concen: 51.297 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion:	107	Resp:	282292
Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.5	108.5
77	29.7	10.9	50.9
79	25.9	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 300159

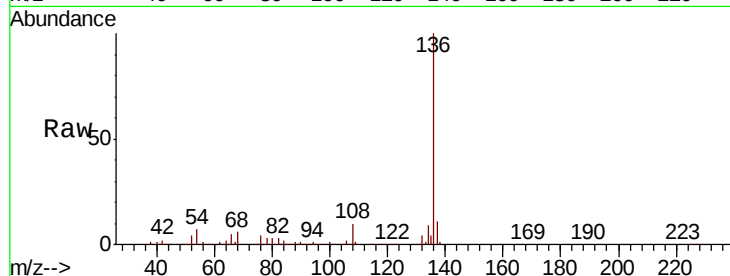
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.3 5.8 8.8

68 5.8 4.6 6.8

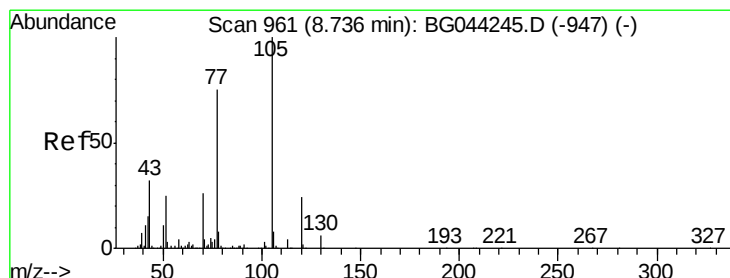
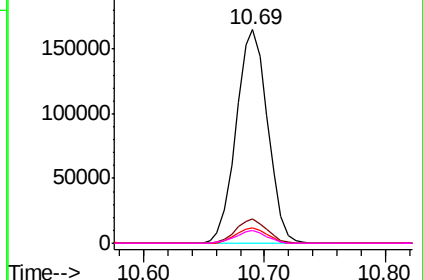
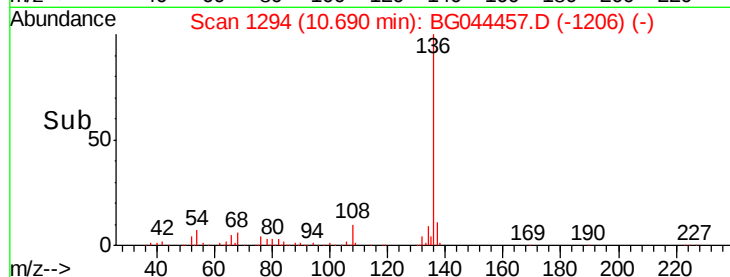


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.201 ng

RT: 8.71 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Tgt Ion:105 Resp: 322750

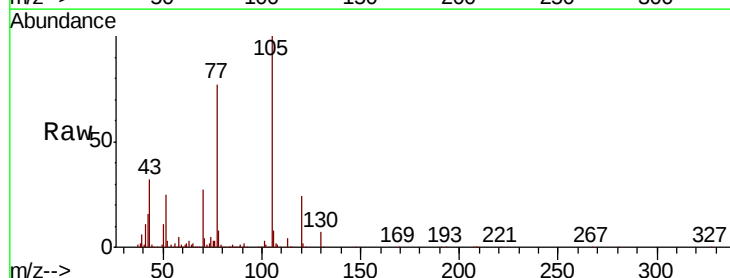
Ion Ratio Lower Upper

105 100

71 4.3 3.4 5.0

51 25.1 20.2 30.4

120 24.1 19.1 28.7

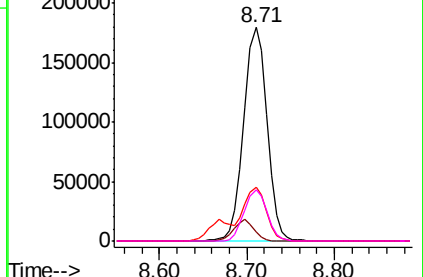
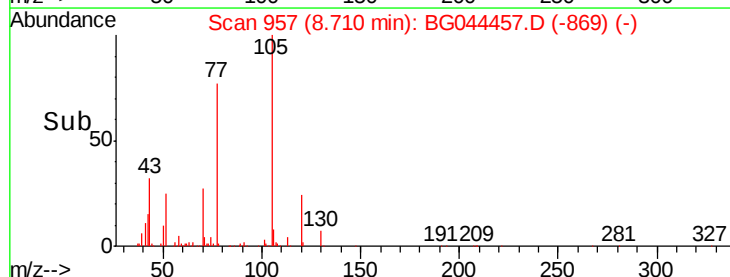


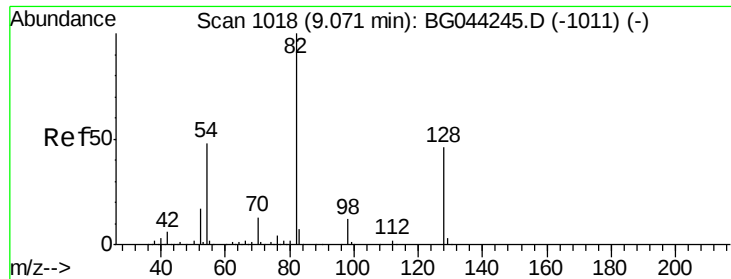
Abundance Ion 105.00 (104.70 to 105.70): E

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

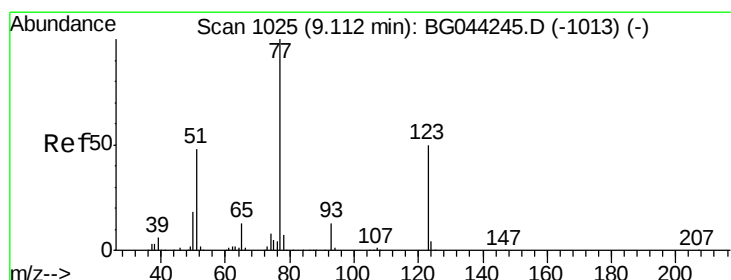
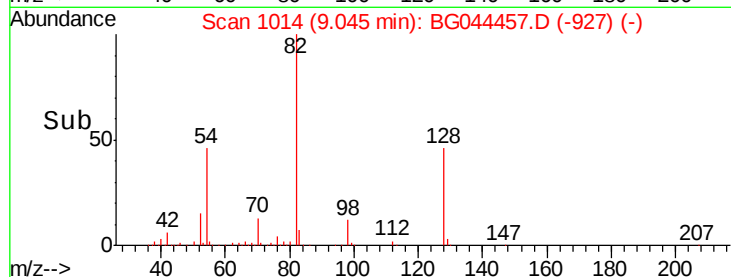
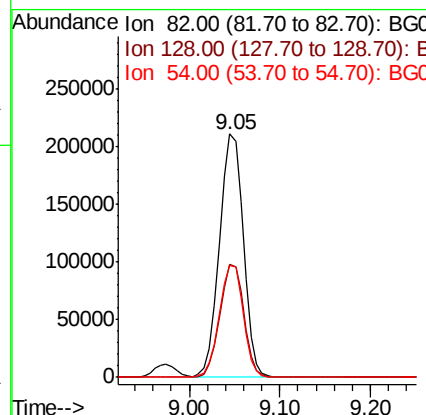
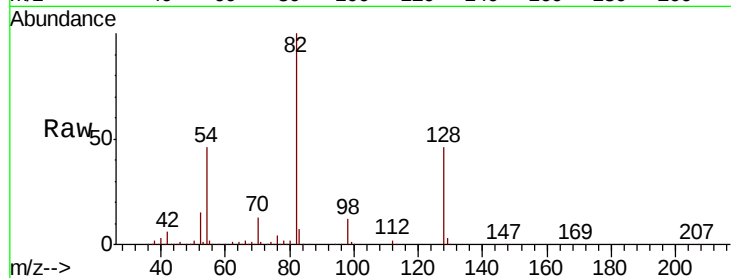




#23
 Nitrobenzene-d5
 Concen: 72.605 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

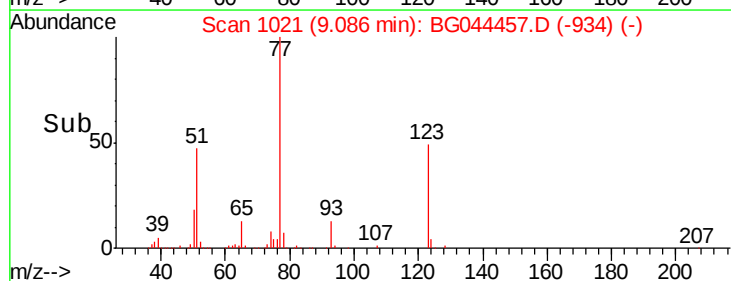
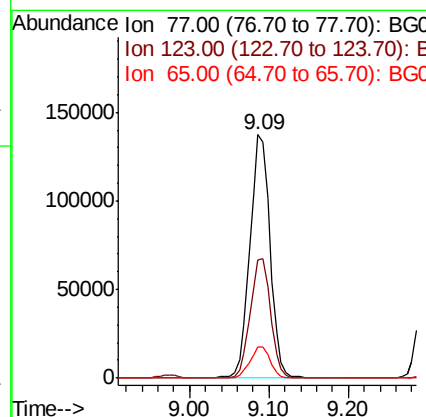
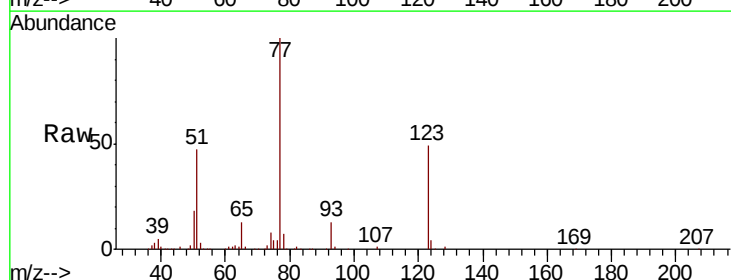
Instrument :
 BNA_G
 ClientSampleId :

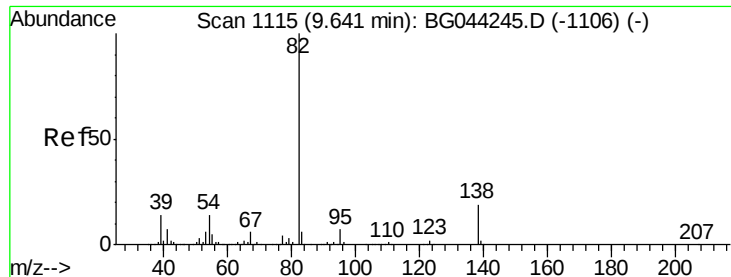
Tot Ion	82	Resp	386017
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.5	54.7
54	45.8	38.6	58.0



#24
 Nitrobenzene
 Concen: 46.750 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion	77	Resp	242653
Ion Ratio	Lower	Upper	
77	100		
123	48.7	39.9	59.9
65	12.6	10.4	15.6





#25

Isophorone

Concen: 47.388 ng

RT: 9.61 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampleId :

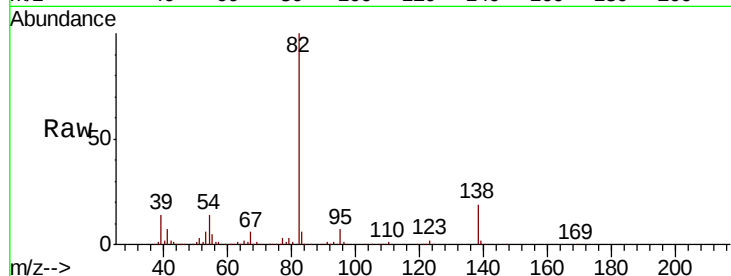
Tot Ion: 82 Resp: 469591

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

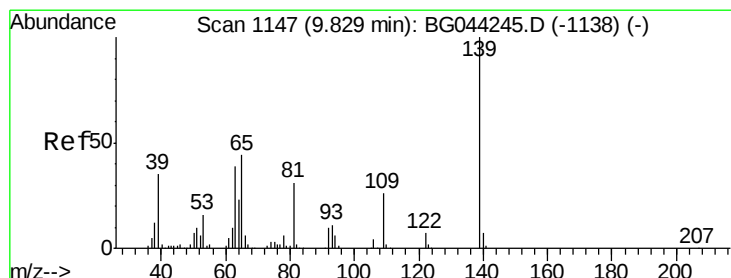
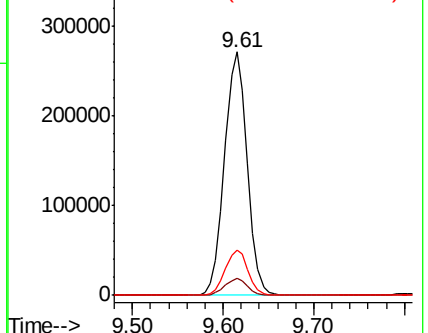
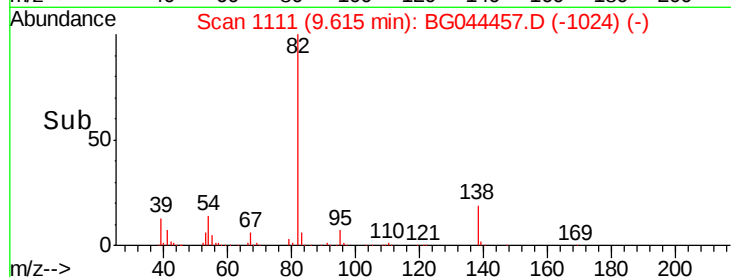
138 18.7 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BG044457.D (-1024) (-)

Ion 95.00 (94.70 to 95.70): BG044457.D (-1024) (-)

Ion 138.00 (137.70 to 138.70): BG044457.D (-1024) (-)



#26

2-Nitrophenol

Concen: 51.354 ng

RT: 9.80 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

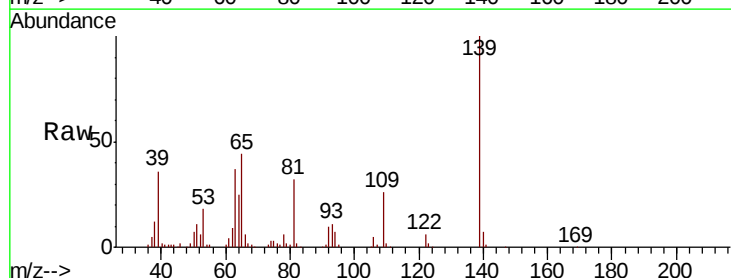
Tgt Ion: 139 Resp: 138309

Ion Ratio Lower Upper

139 100

109 26.0 21.0 31.4

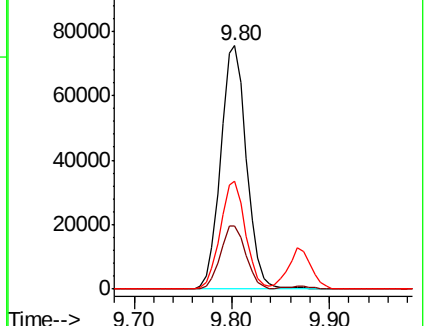
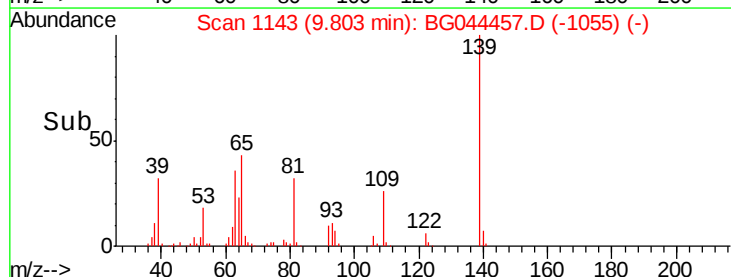
65 44.1 35.0 52.4

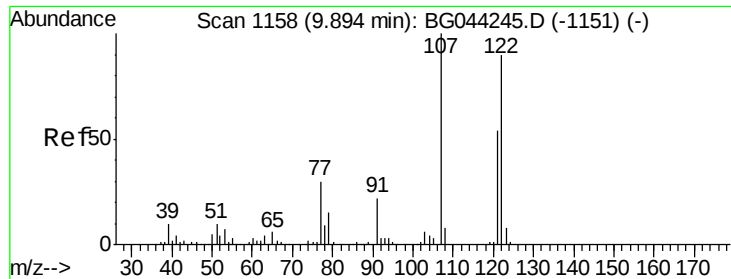


Abundance Ion 139.00 (138.70 to 139.70): BG044457.D (-1055) (-)

Ion 109.00 (108.70 to 109.70): BG044457.D (-1055) (-)

Ion 65.00 (64.70 to 65.70): BG044457.D (-1055) (-)

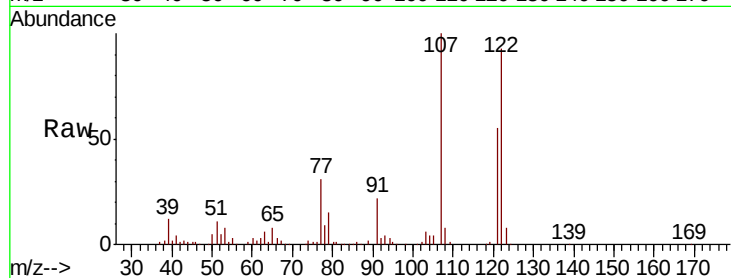




#27
 2,4-Dimethylphenol
 Concen: 60.159 ng
 RT: 9.87 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.0	88.8	133.2
121	59.3	48.3	72.5

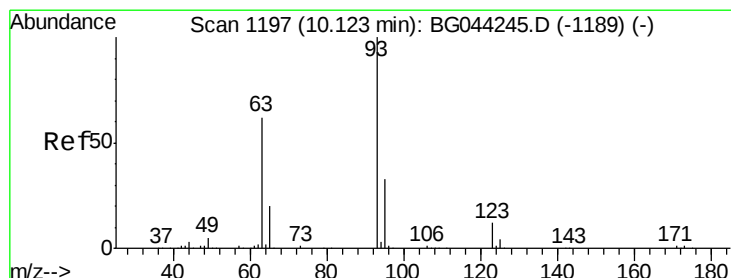
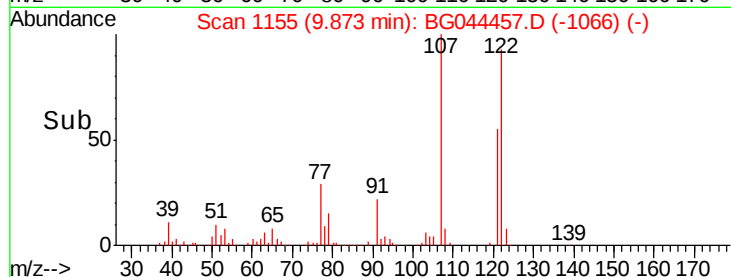
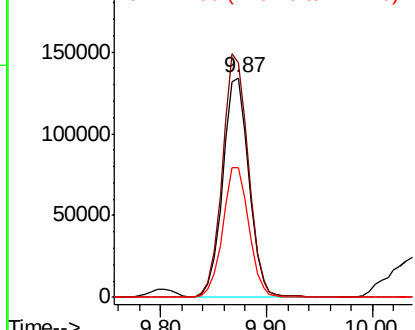


Abundance

Ion 122.00 (121.70 to 122.70): E

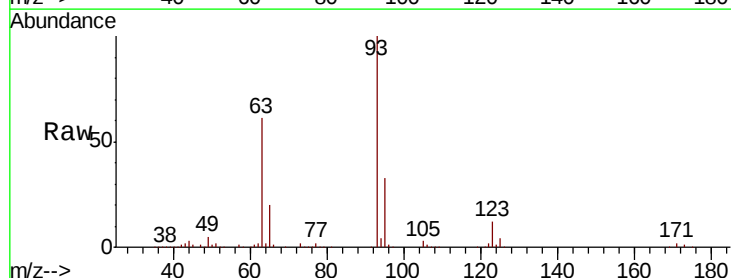
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.826 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	40.0
123	12.0	10.0	15.0

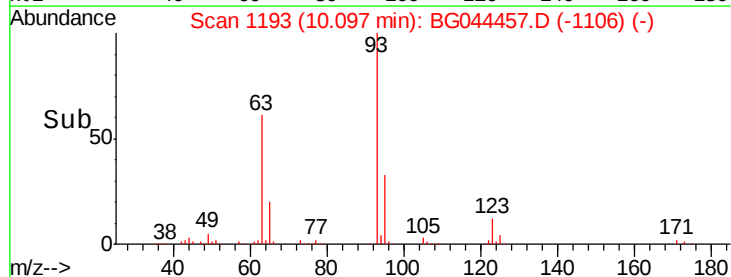
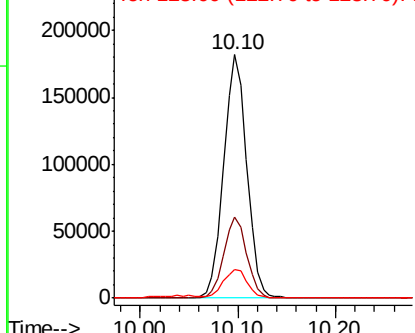


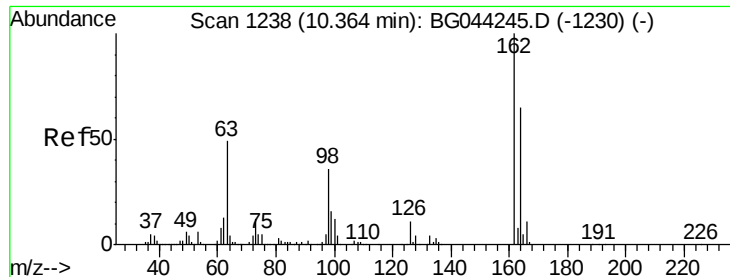
Abundance

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: 51.873 ng

RT: 10.34 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampleId :

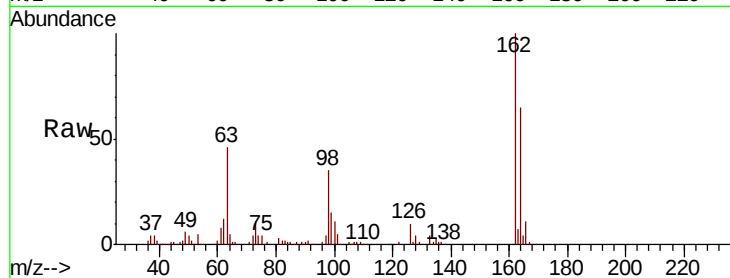
Tot Ion:162 Resp: 238460

Ion Ratio Lower Upper

162 100

164 64.6 44.7 84.7

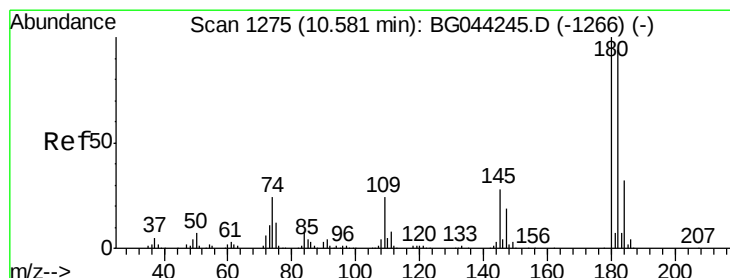
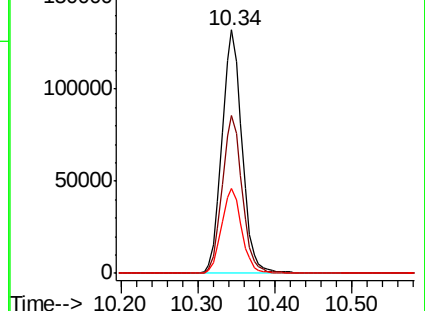
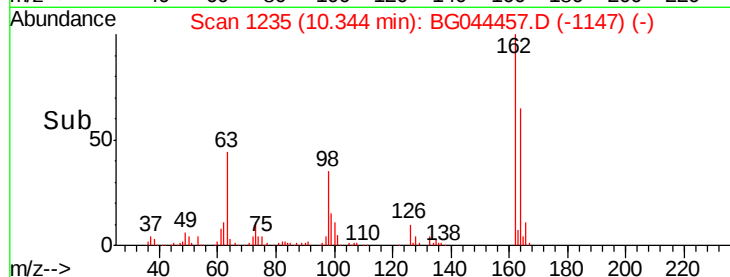
98 34.9 15.8 55.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 46.481 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

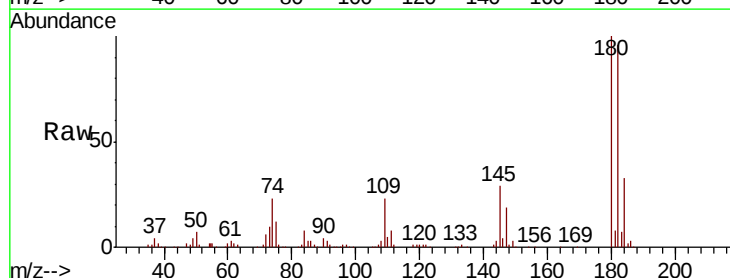
Tgt Ion:180 Resp: 245005

Ion Ratio Lower Upper

180 100

182 96.5 75.5 113.3

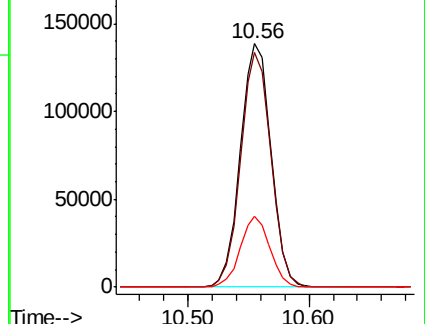
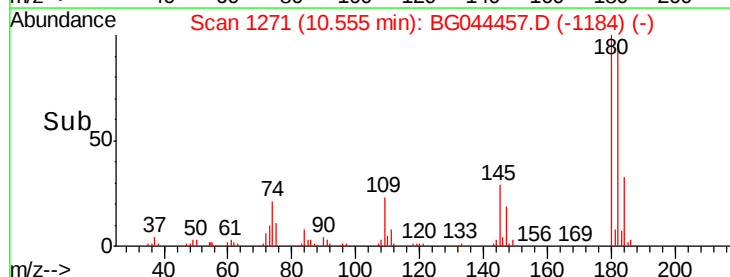
145 28.9 22.6 34.0

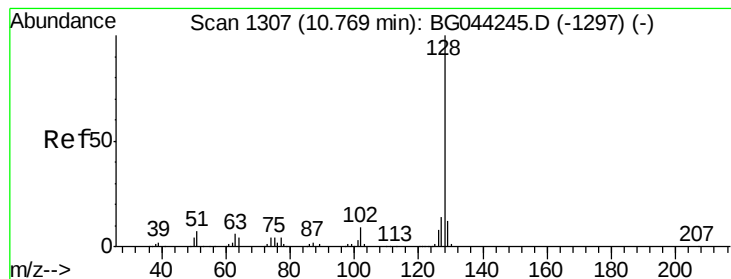


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

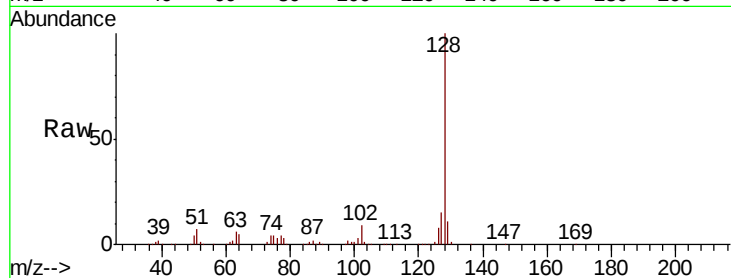




#31
Naphthalene
Concen: 48.632 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.5	11.6	17.4

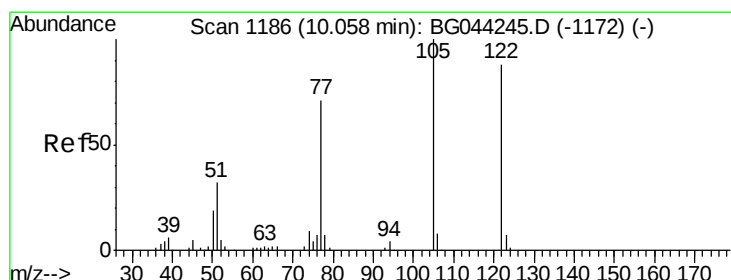
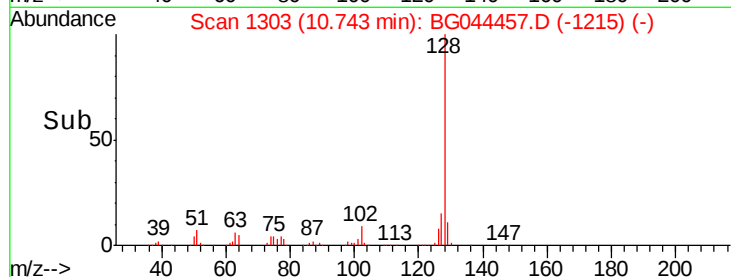
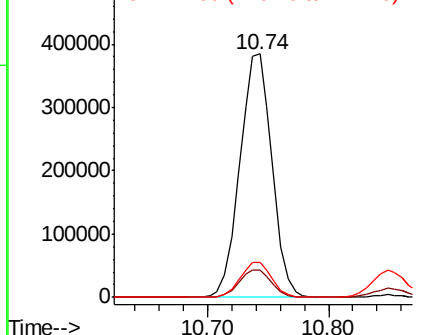


Abundance

Ion 128.00 (127.70 to 128.70): E

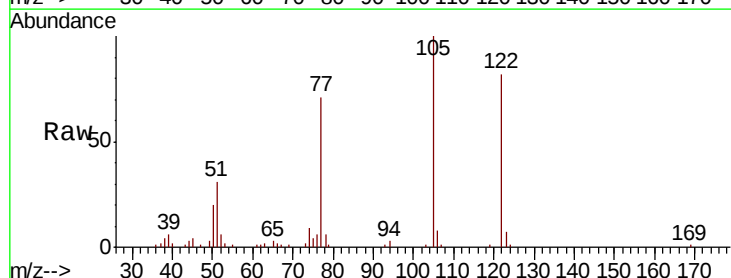
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.103 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	93.5	133.5
77	86.7	61.0	101.0

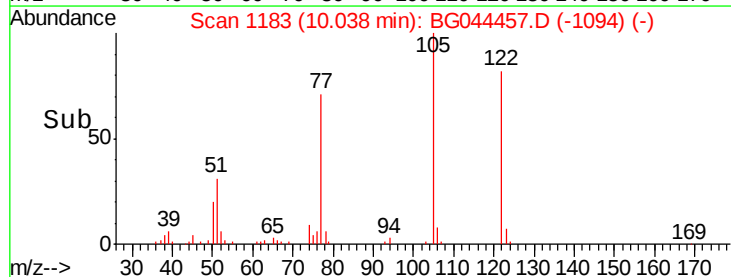
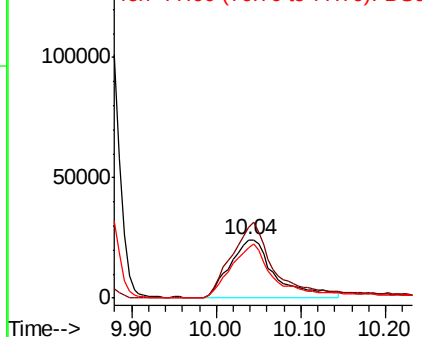


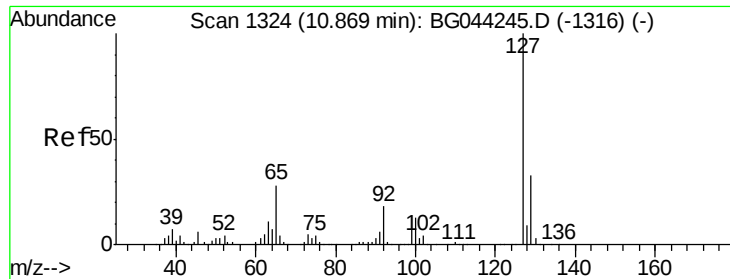
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

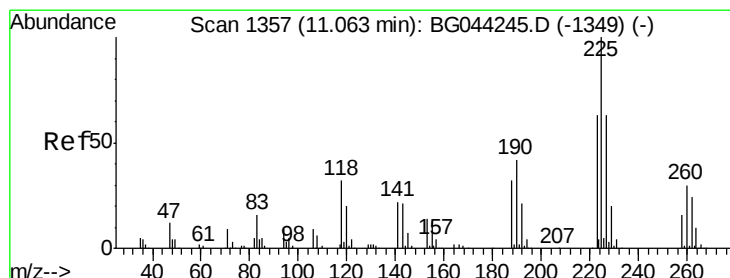
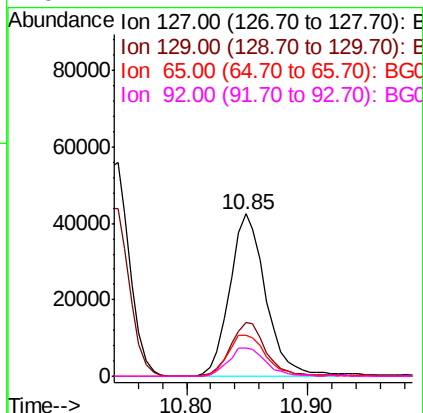
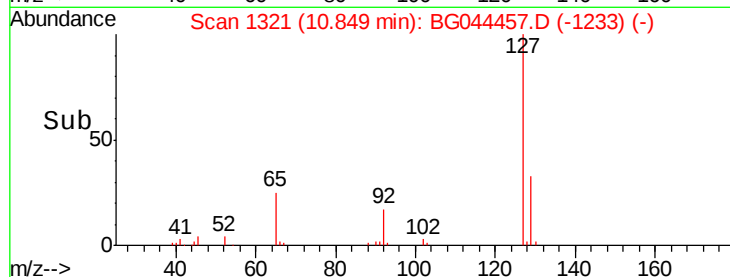
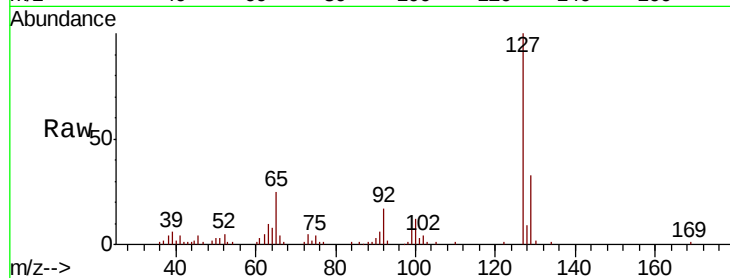




#33
4-Chloroaniline
Concen: 13.332 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

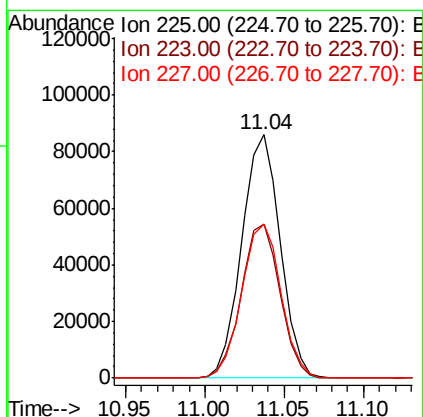
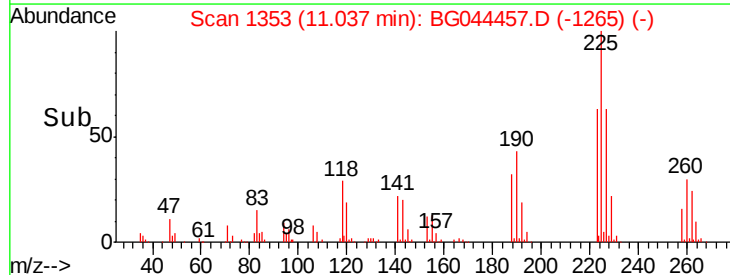
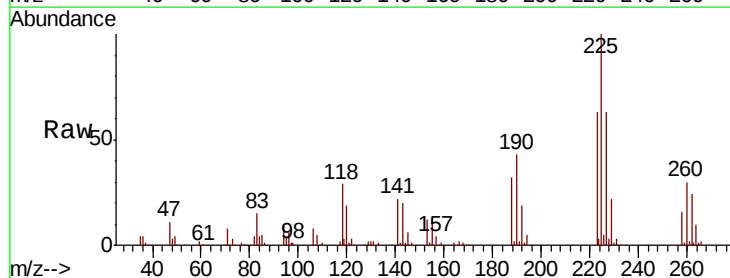
Instrument :
BNA_G
ClientSampleId :

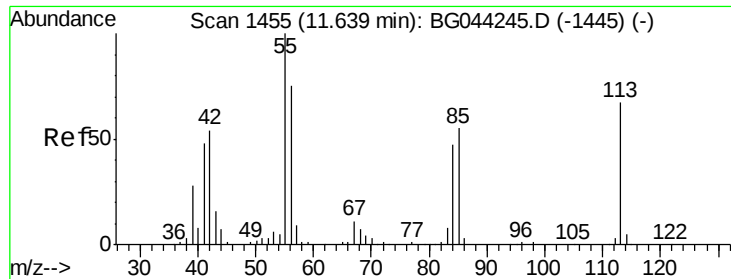
Tot Ion:	127	Resp:	88298
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	40.0
65	25.4	22.5	33.7
92	17.1	14.1	21.1



#34
Hexachlorobutadiene
Concen: 44.703 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion:	225	Resp:	144991
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.4
227	63.4	50.8	76.2

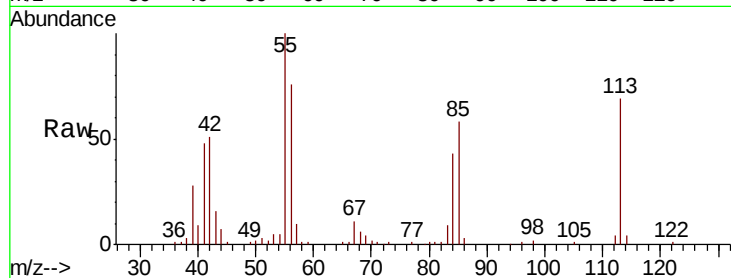




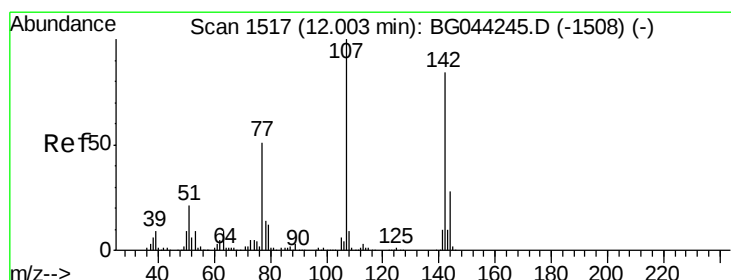
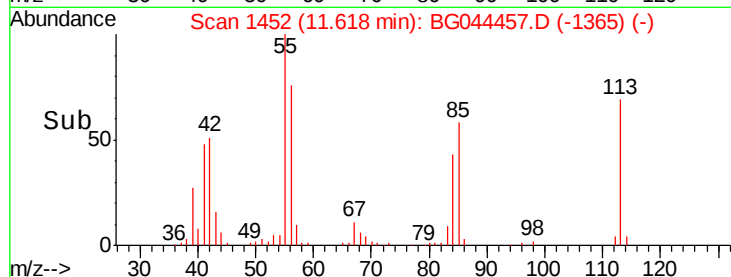
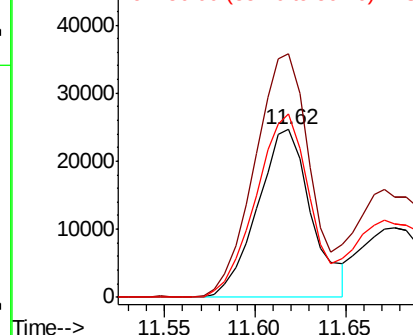
#35
Caprolactam
Concen: 30.245 ng
RT: 11.62 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:113 Resp: 50931
Ion Ratio Lower Upper
113 100
55 145.0 129.9 169.9
56 109.5 92.5 132.5

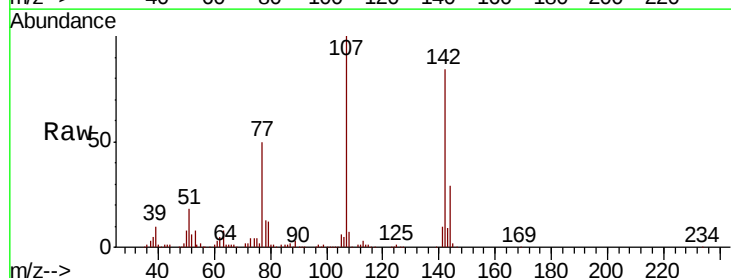


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

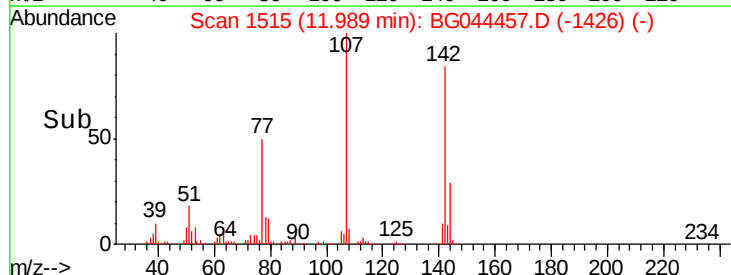
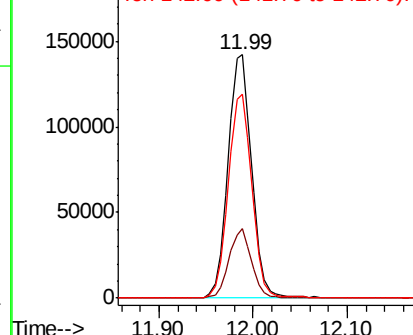


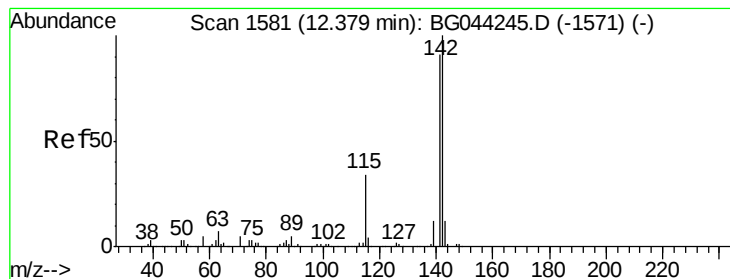
#36
4-Chloro-3-methylphenol
Concen: 51.629 ng
RT: 11.99 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion:107 Resp: 248838
Ion Ratio Lower Upper
107 100
144 28.7 22.2 33.4
142 83.8 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: 48.596 ng

RT: 12.35 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampleId :

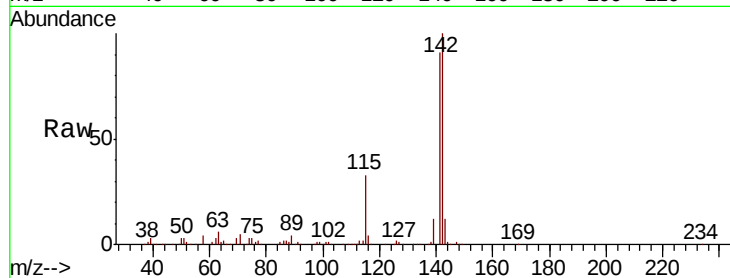
Tot Ion:142 Resp: 525447

Ion Ratio Lower Upper

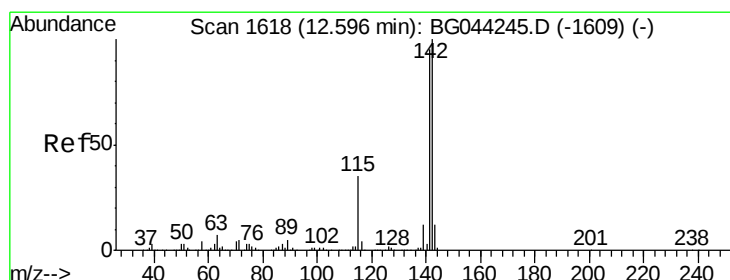
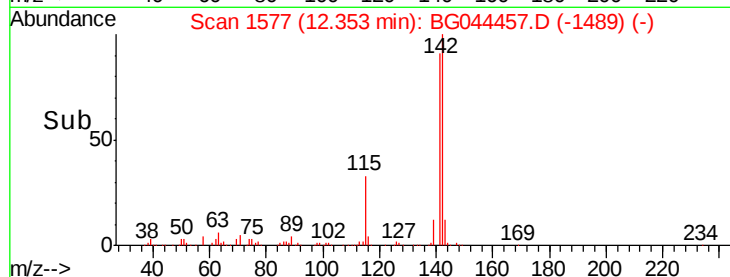
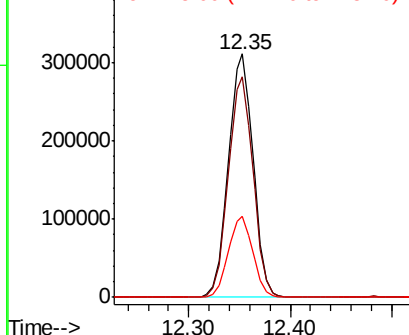
142 100

141 90.6 73.2 109.8

115 33.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.079 ng

RT: 12.57 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

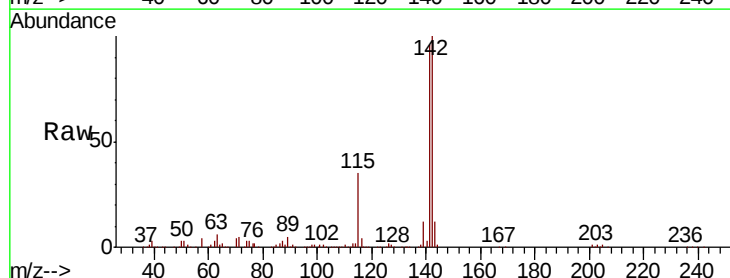
Tgt Ion:142 Resp: 500304

Ion Ratio Lower Upper

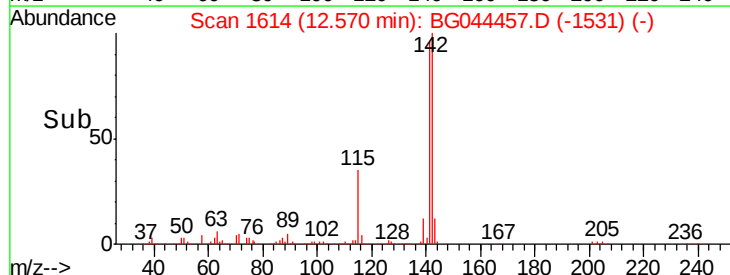
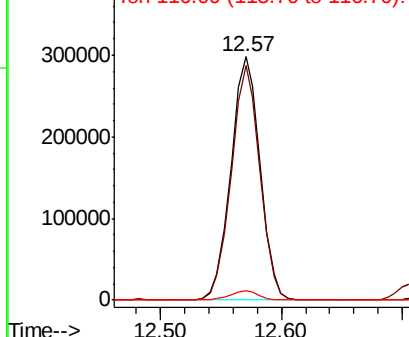
142 100

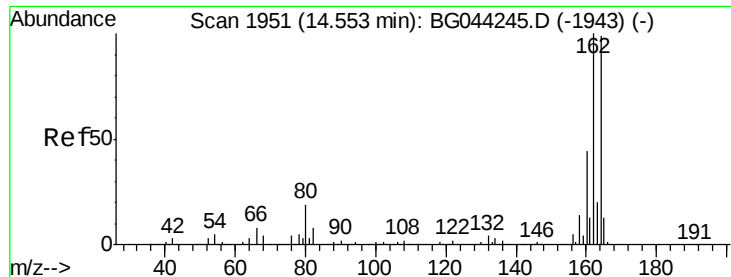
141 96.3 75.8 113.6

116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampleId :

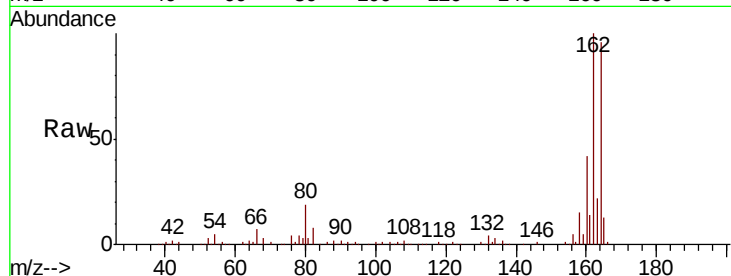
Tot Ion:164 Resp: 198230

Ion Ratio Lower Upper

164 100

162 104.3 80.7 121.1

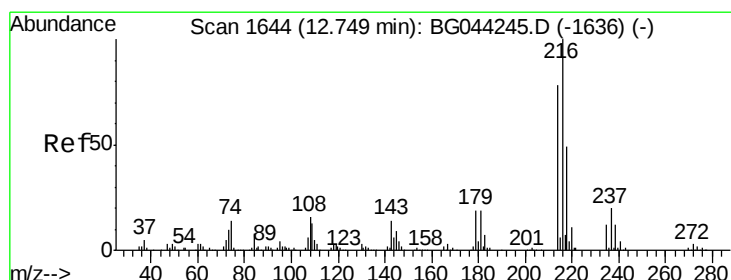
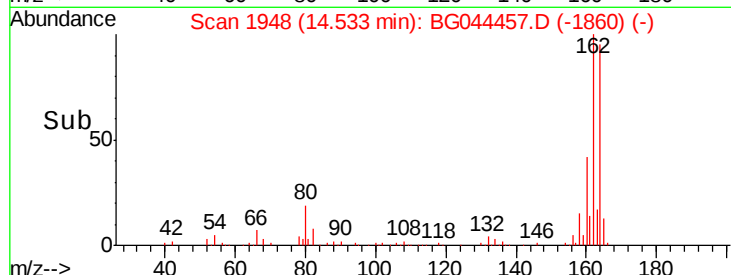
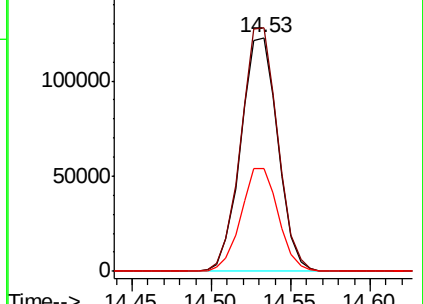
160 44.3 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.004 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Tgt Ion:216 Resp: 266863

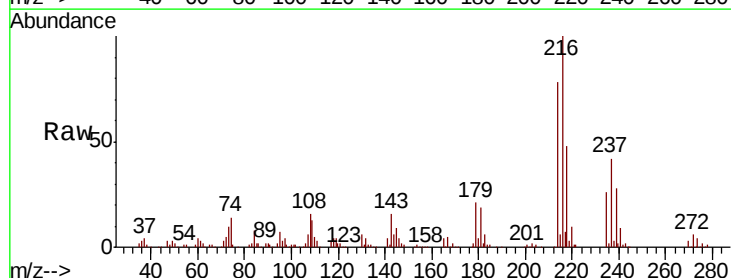
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.6

179 20.6 16.2 24.4

108 18.0 13.5 20.3

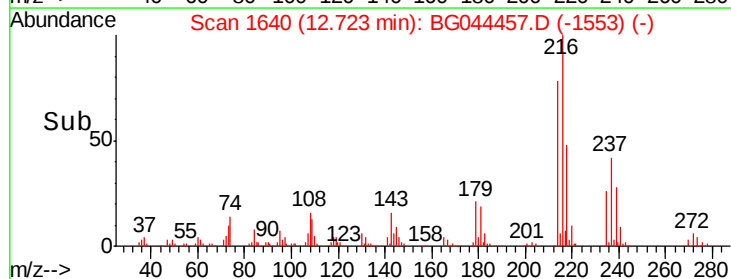
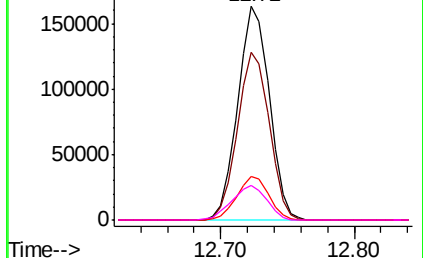


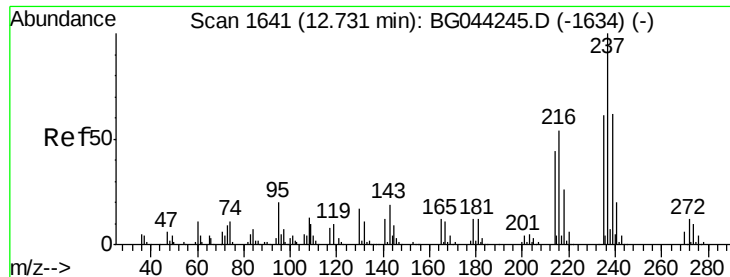
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.430 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampled :

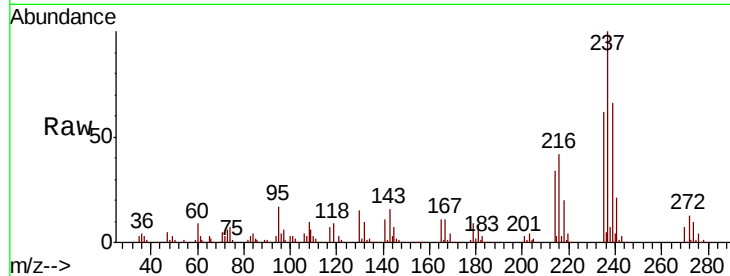
Tot Ion:237 Resp: 291440

Ion Ratio Lower Upper

237 100

235 62.3 41.2 81.2

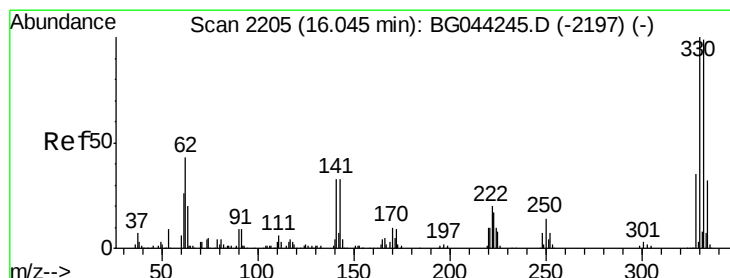
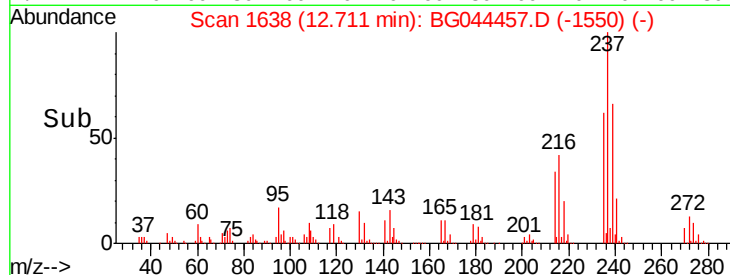
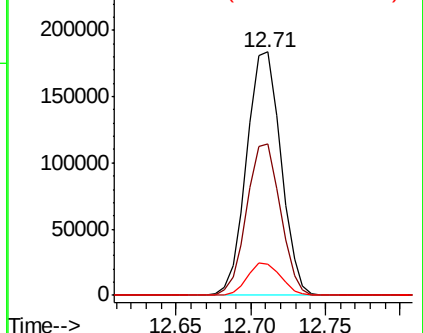
272 12.9 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 116.004 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

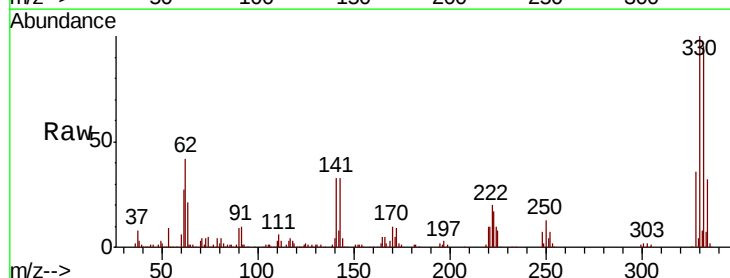
Tgt Ion:330 Resp: 269953

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

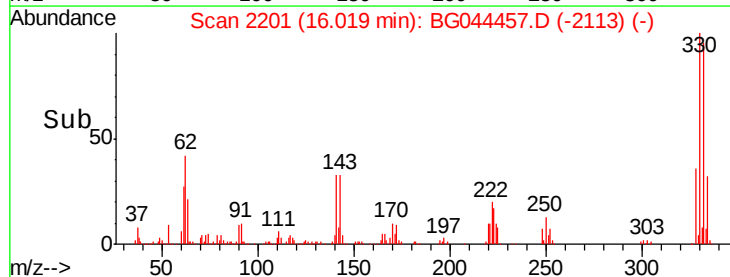
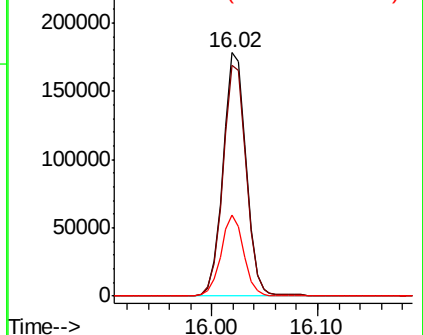
141 33.2 28.3 42.5

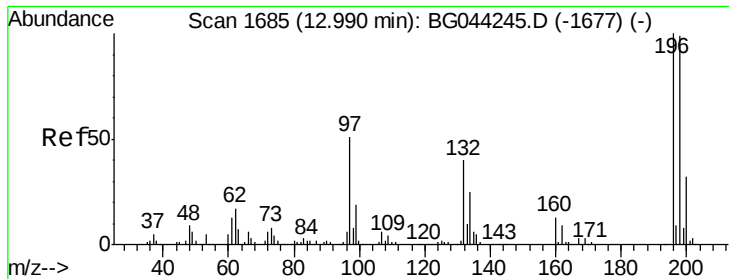


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

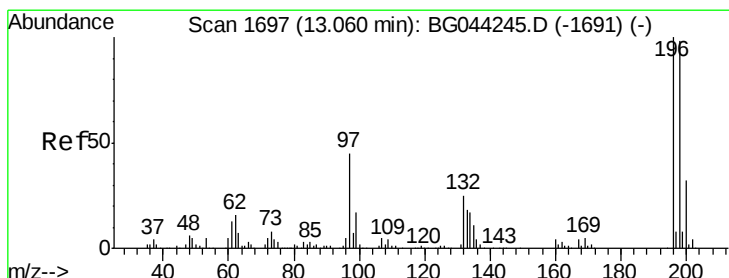
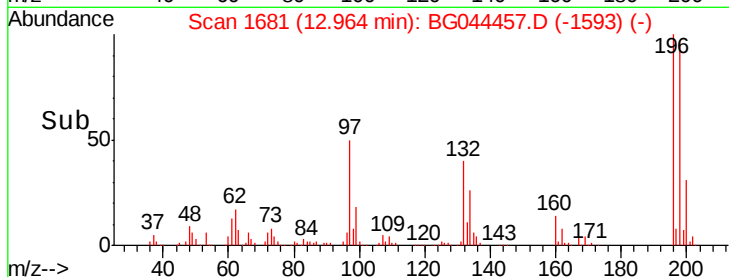
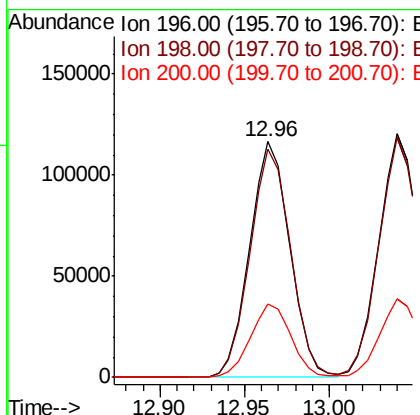
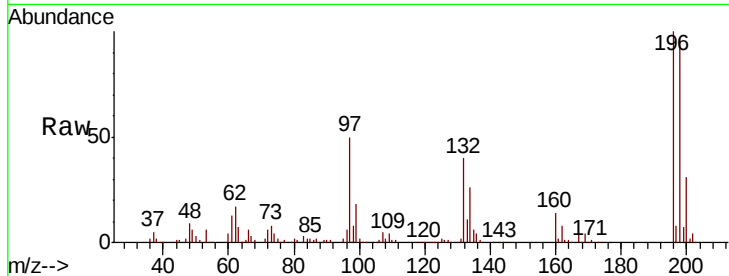




#43
 2,4,6-Trichlorophenol
 Concen: 50.339 ng
 RT: 12.96 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

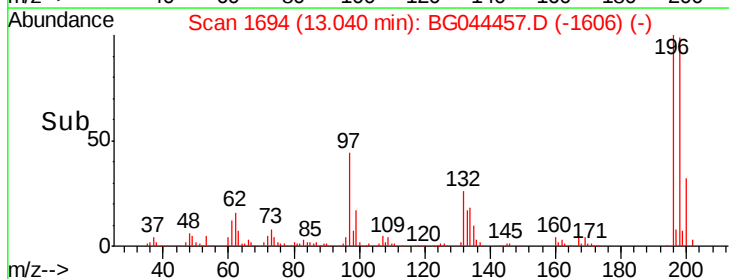
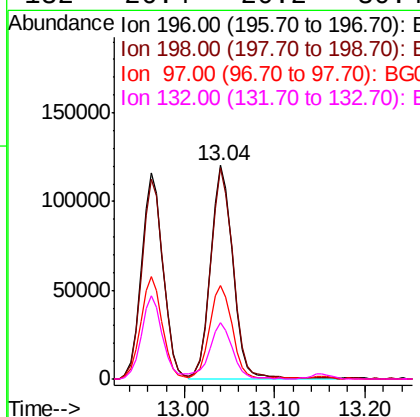
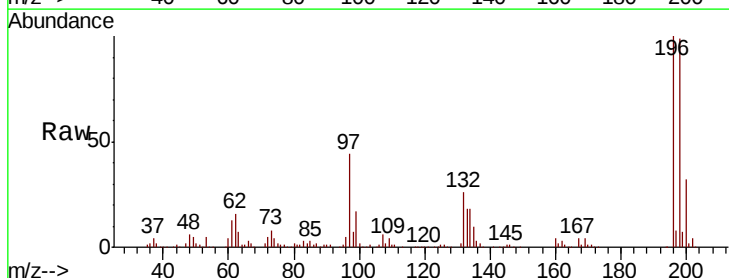
Instrument :
 BNA_G
 ClientSampleId :

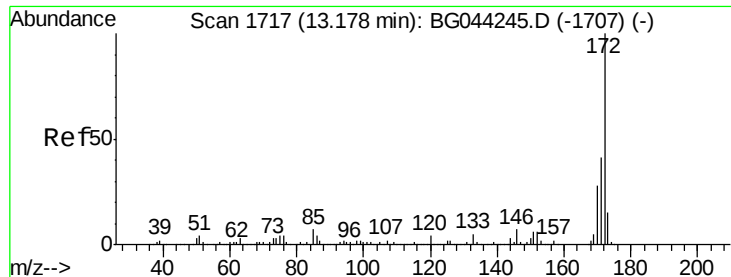
Tot Ion	196	Resp	192939
Ion	Ratio	Lower	Upper
196	100		
198	96.8	79.3	118.9
200	31.2	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 52.332 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion	196	Resp	204873
Ion	Ratio	Lower	Upper
196	100		
198	98.6	78.2	117.2
97	43.7	36.2	54.4
132	26.4	20.2	30.4

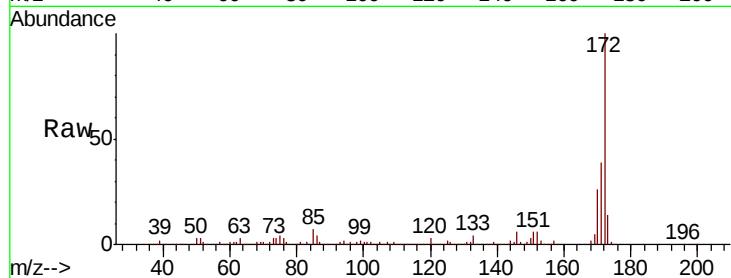




#45
 2-Fluorobiphenyl
 Concen: 75.795 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.9	49.3
170	25.8	22.0	33.0

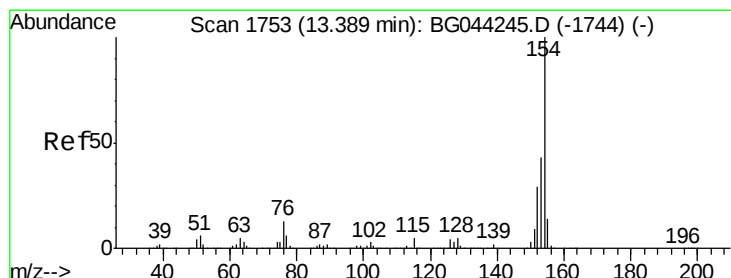
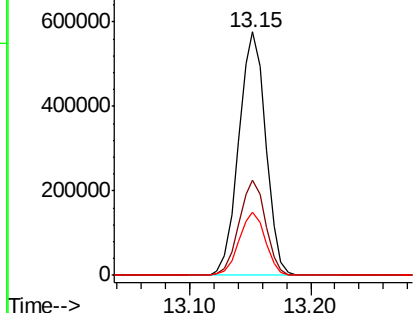
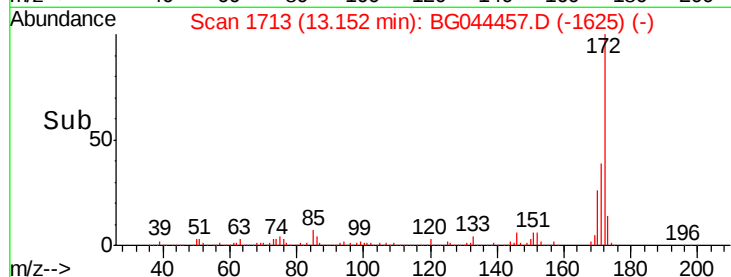


Abundance

Ion 172.00 (171.70 to 172.70): E

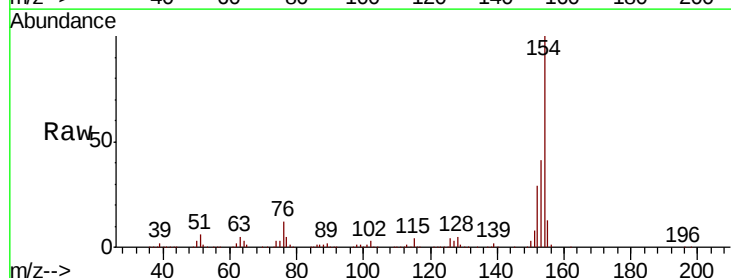
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 46.593 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.7	62.7
76	12.2	0.0	32.9

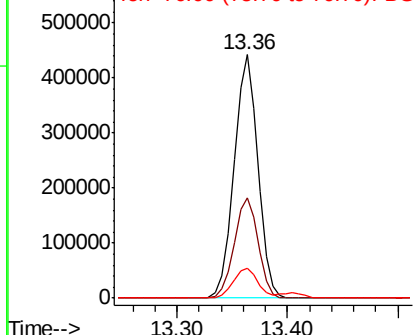
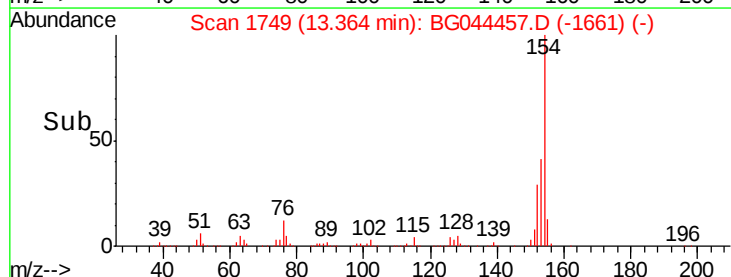


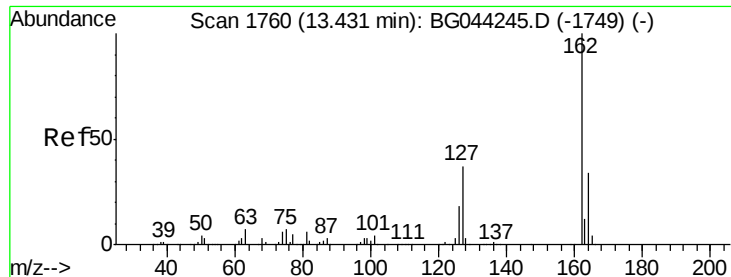
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

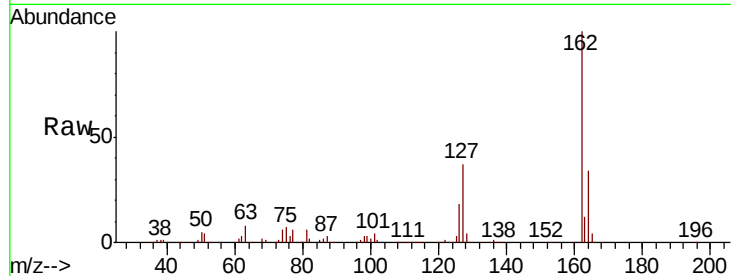




#47
2-Chloronaphthalene
Concen: 46.051 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.0	45.0
164	33.8	27.2	40.8

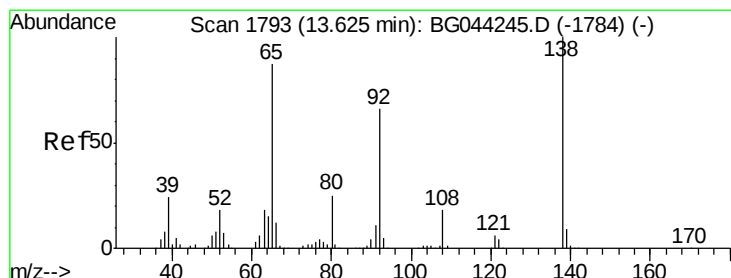
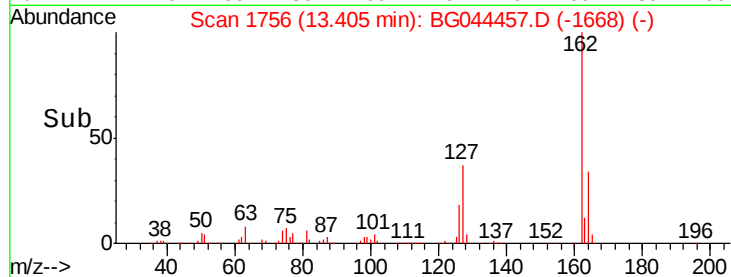
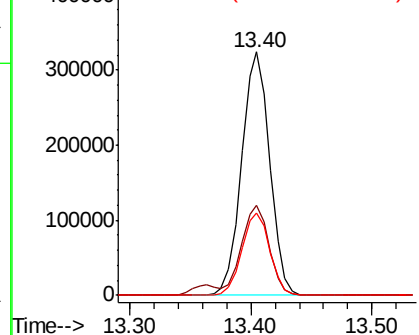


Abundance

Ion 162.00 (161.70 to 162.70): E

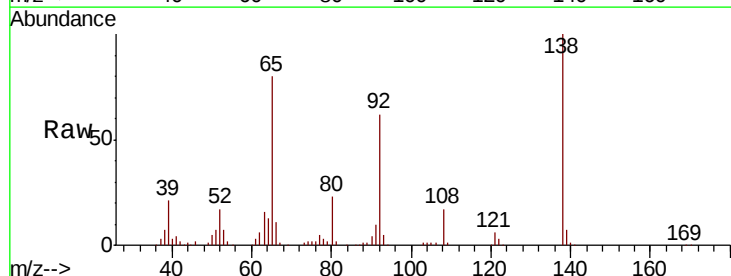
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 44.671 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.9	60.3	90.5
138	124.8	91.9	137.9

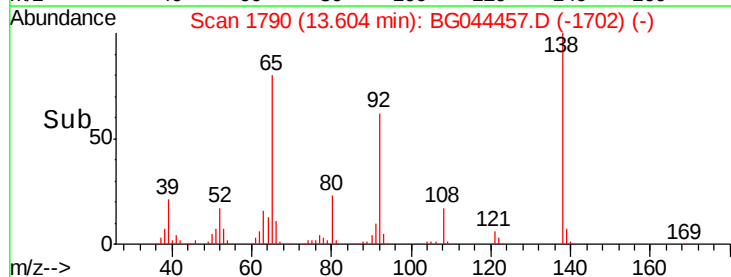
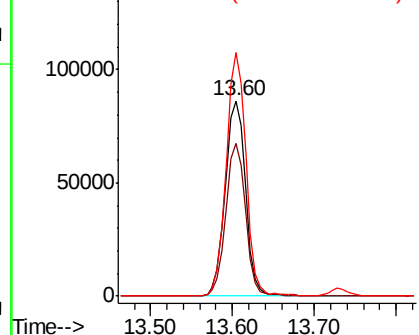


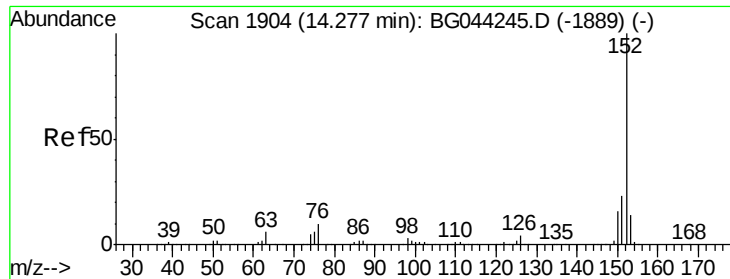
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.745 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampleId :

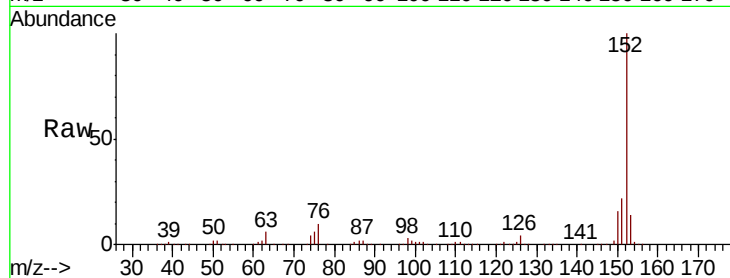
Tot Ion:152 Resp: 830173

Ion Ratio Lower Upper

152 100

151 22.1 18.1 27.1

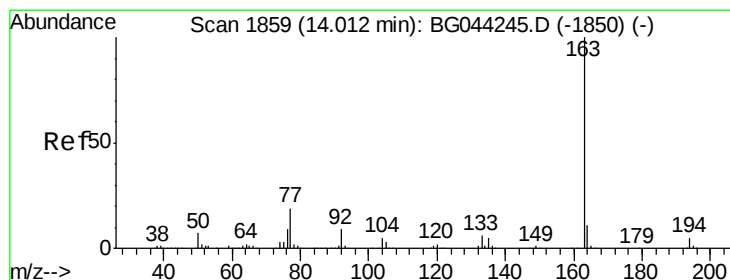
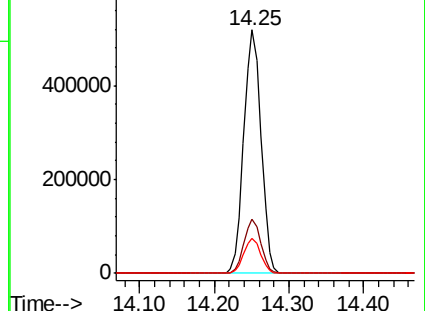
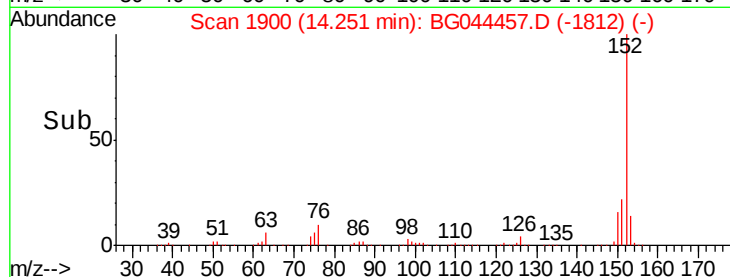
153 14.3 11.5 17.3



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: 49.241 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

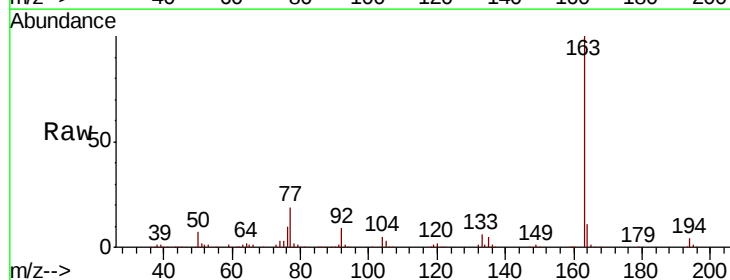
Tgt Ion:163 Resp: 701656

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

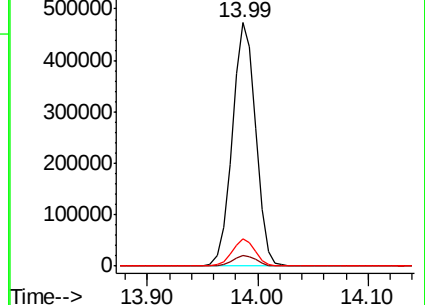
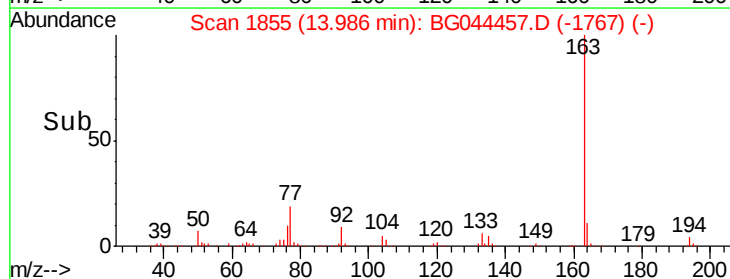
164 11.3 8.7 13.1

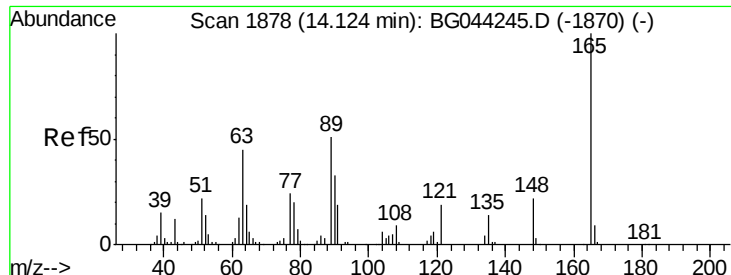


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.107 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampled :

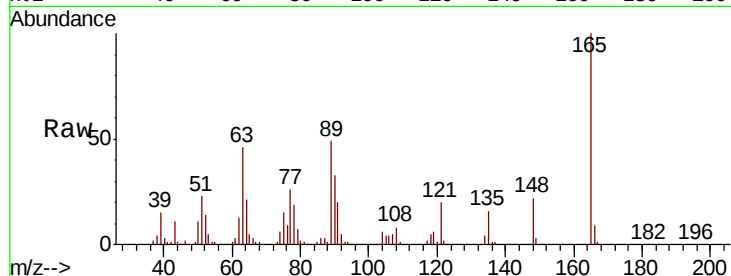
Tot Ion:165 Resp: 152842

Ion Ratio Lower Upper

165 100

63 46.3 38.7 58.1

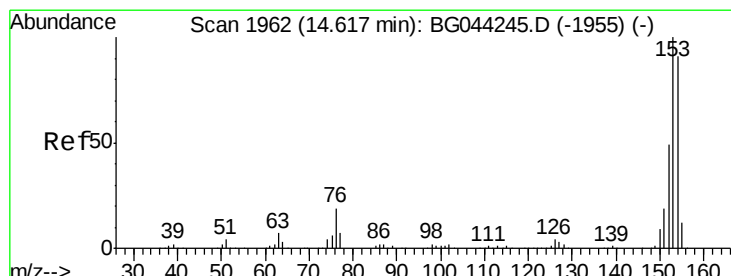
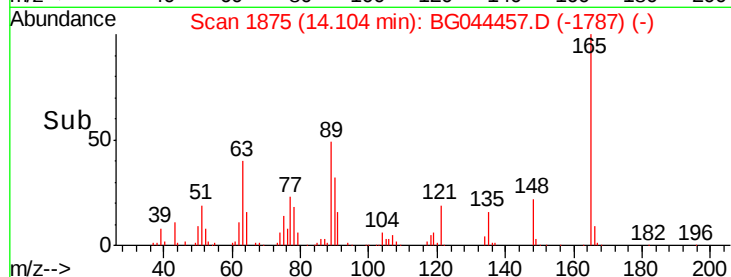
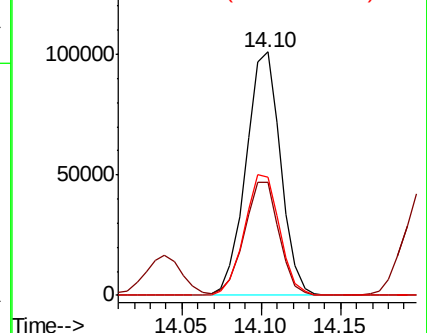
89 48.8 40.4 60.6



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



#52

Acenaphthene

Concen: 47.323 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

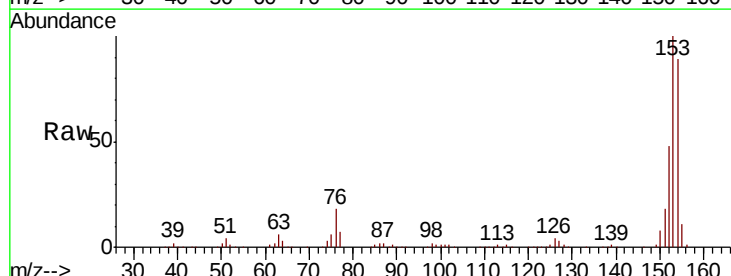
Tgt Ion:154 Resp: 511899

Ion Ratio Lower Upper

154 100

153 112.5 87.9 131.9

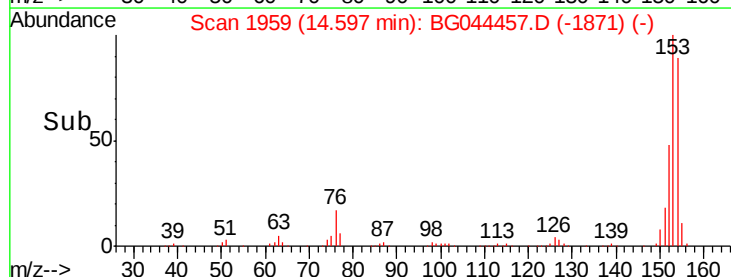
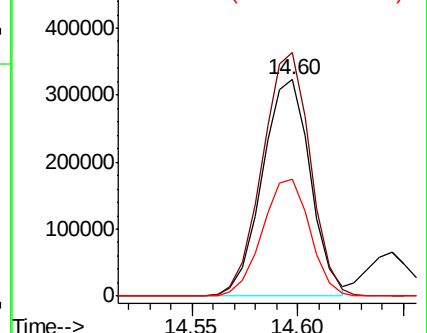
152 54.1 43.1 64.7

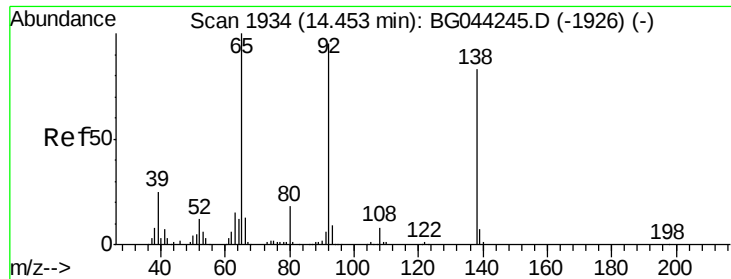


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

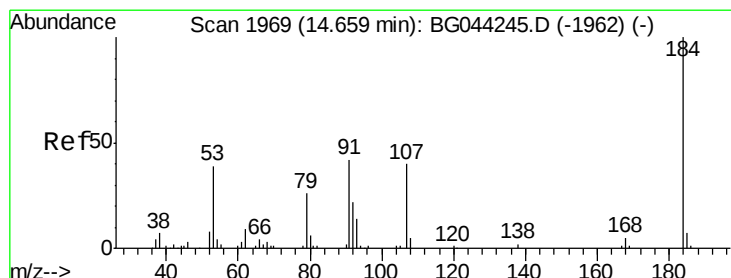
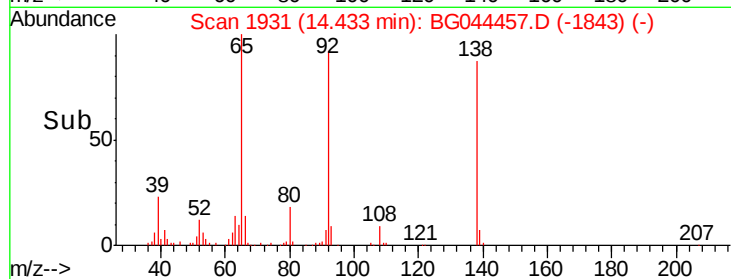
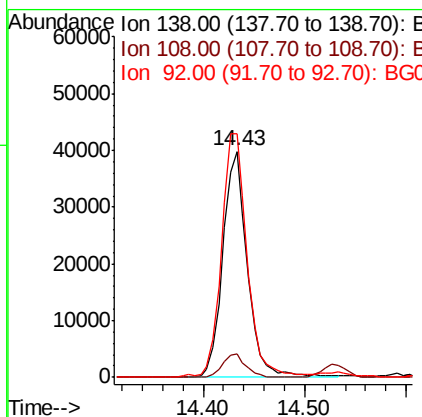
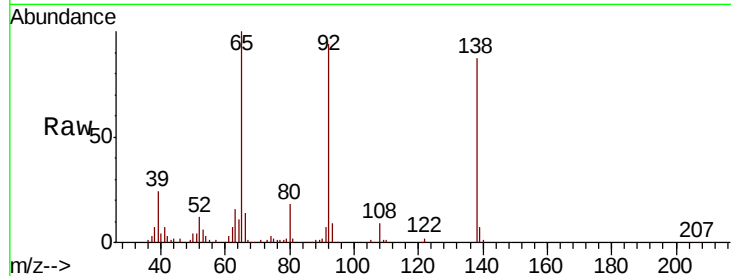




#53
 3-Nitroaniline
 Concen: 19.037 ng
 RT: 14.43 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

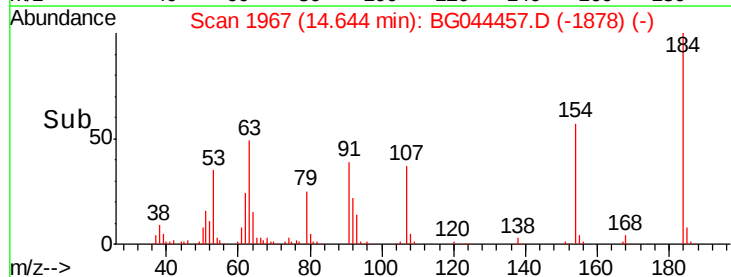
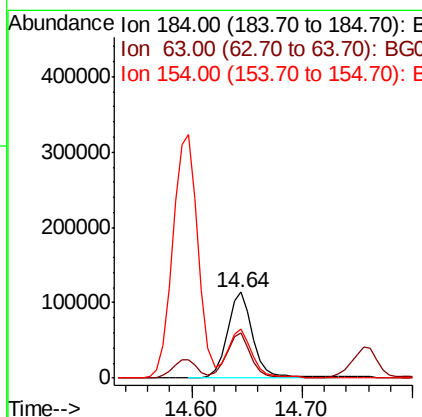
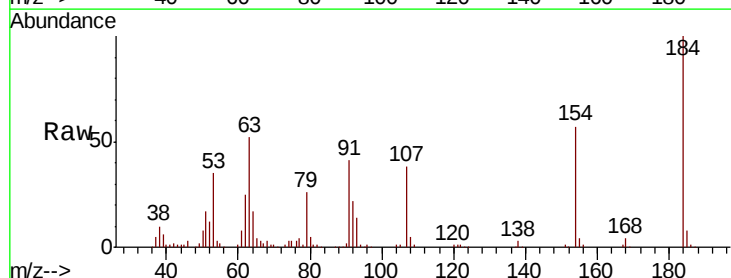
Instrument :
 BNA_G
 ClientSampled :

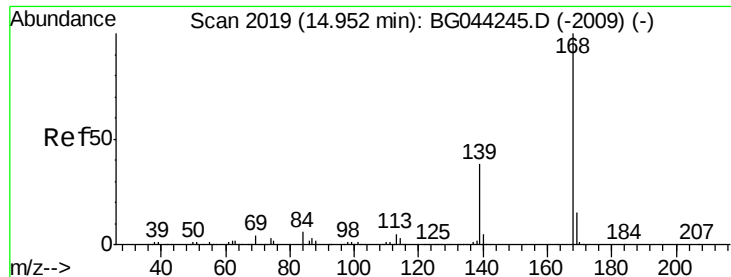
Tot Ion:138 Resp: 66914
 Ion Ratio Lower Upper
 138 100
 108 10.3 7.9 11.9
 92 107.7 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 96.885 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion:184 Resp: 185742
 Ion Ratio Lower Upper
 184 100
 63 52.2 44.1 66.1
 154 57.5 45.4 68.0

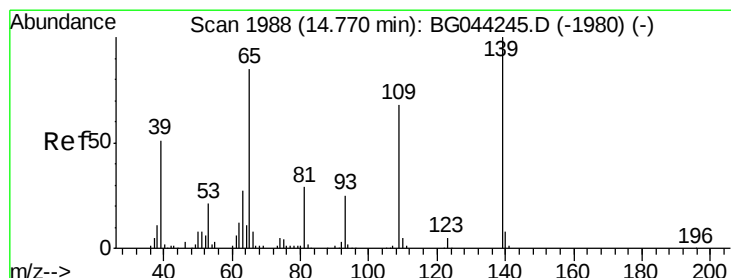
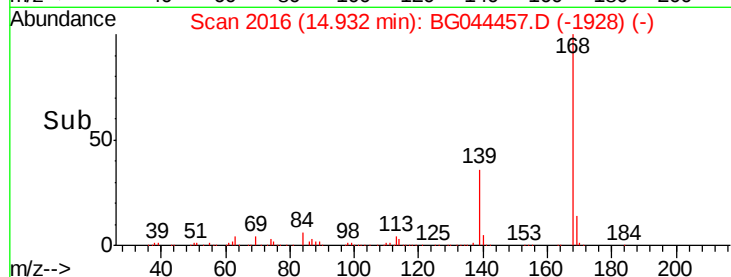
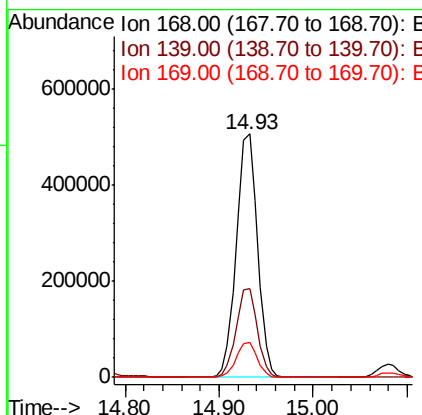
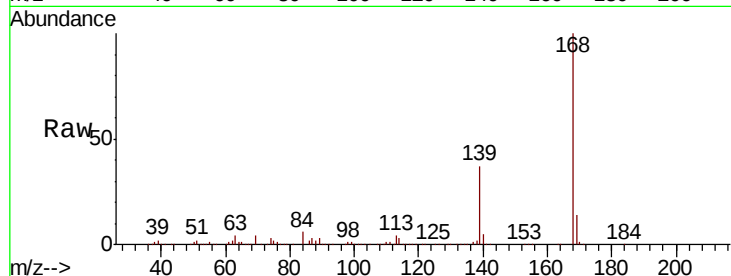




#55
Dibenzofuran
Concen: 48.367 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

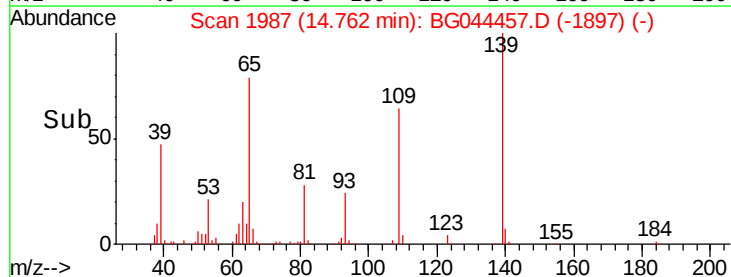
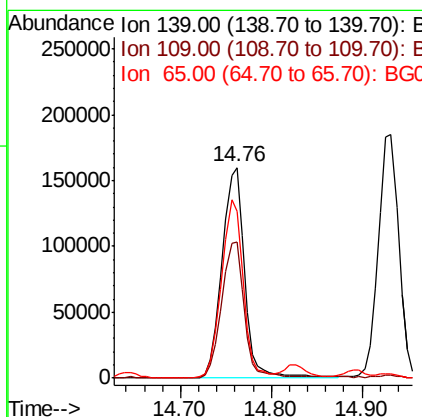
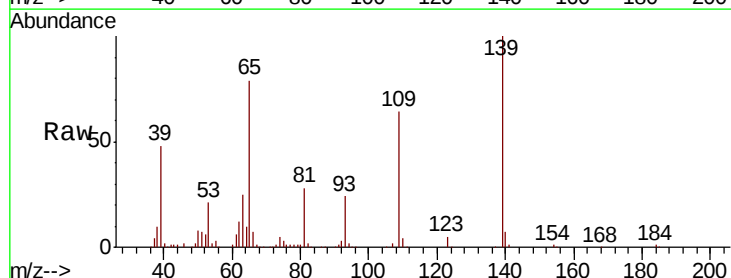
Instrument :
BNA_G
ClientSampleId :

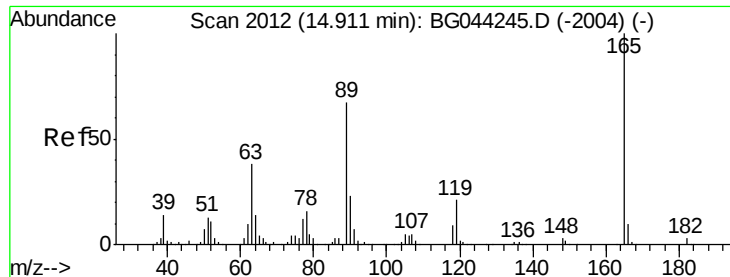
Tot Ion:168 Resp: 792136
Ion Ratio Lower Upper
168 100
139 36.5 30.5 45.7
169 14.4 11.7 17.5



#56
4-Nitrophenol
Concen: 107.708 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion:139 Resp: 277323
Ion Ratio Lower Upper
139 100
109 64.4 47.5 87.5
65 79.3 64.9 104.9

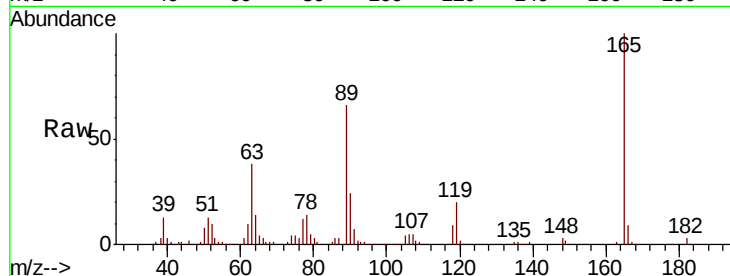




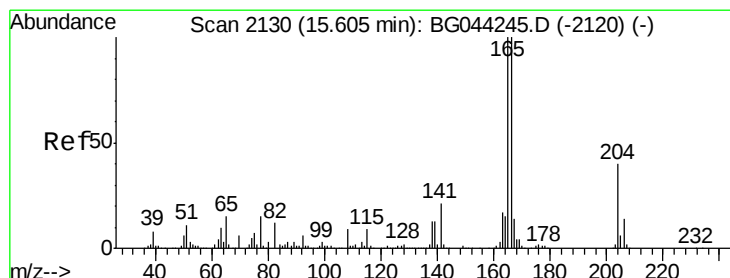
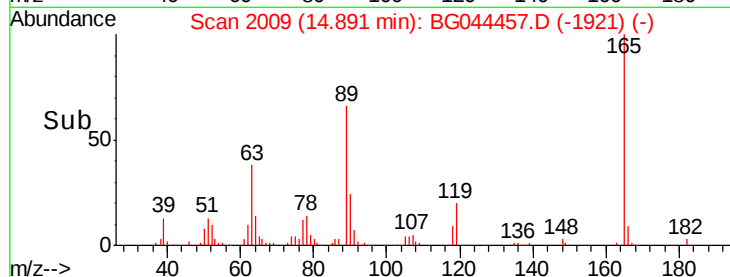
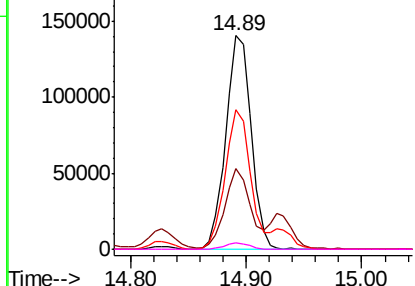
#57
 2,4-Dinitrotoluene
 Concen: 47.992 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	213710
Ion	Ratio	Lower Upper
165	100	
63	37.6	30.3 45.5
89	65.5	53.4 80.2
182	2.8	2.1 3.1

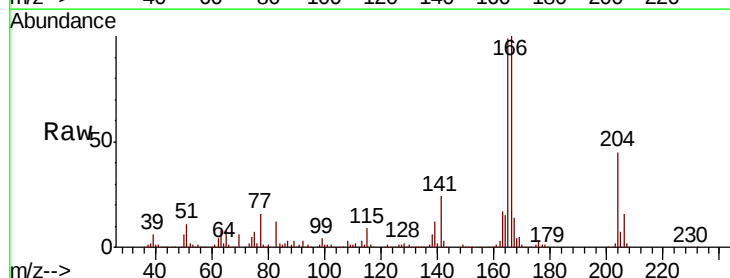


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

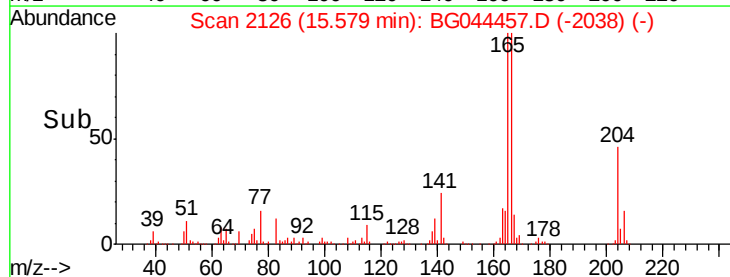
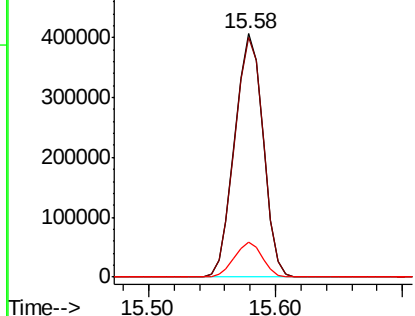


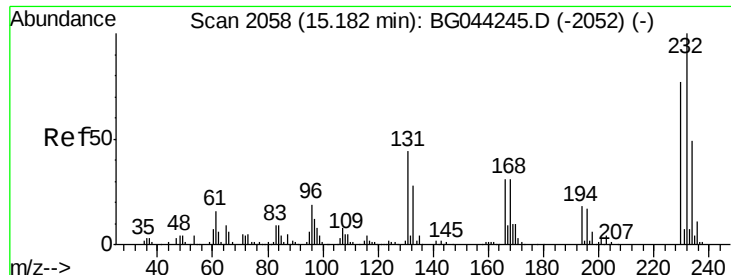
#58
 Fluorene
 Concen: 48.859 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion:166	Resp:	630247
Ion	Ratio	Lower Upper
166	100	
165	98.6	79.9 119.9
167	14.4	11.4 17.0



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

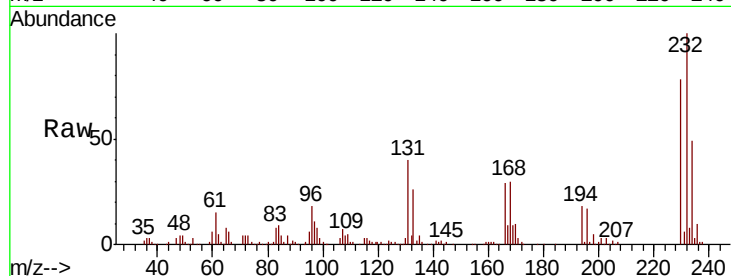




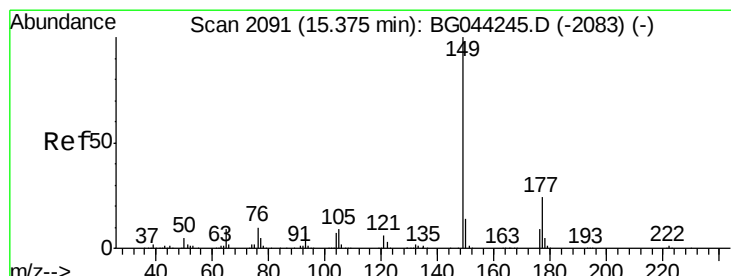
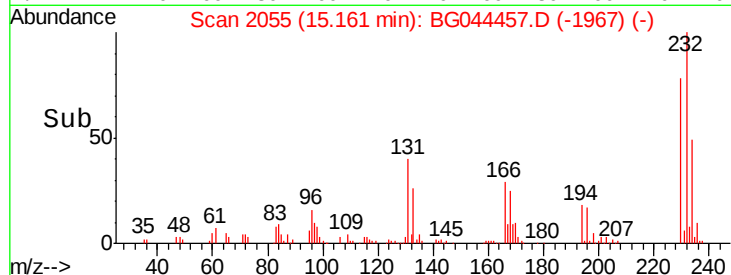
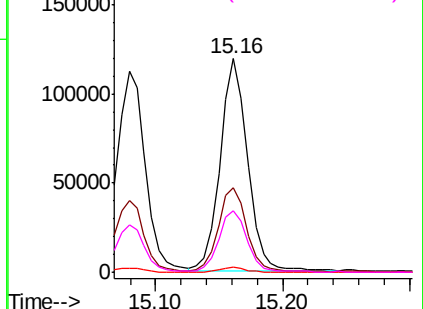
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.489 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	178537
Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.2	51.4
130	2.4	1.8	2.8
166	29.8	23.8	35.8

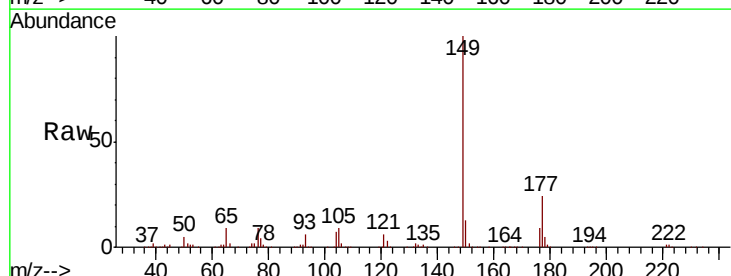


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

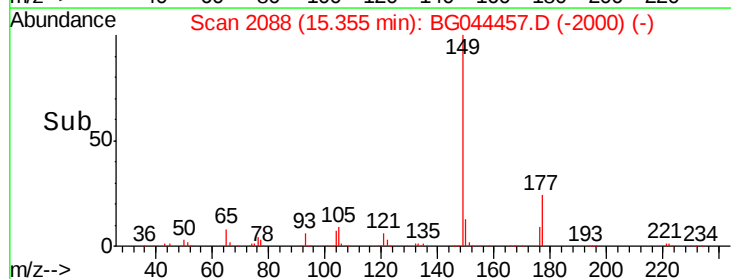
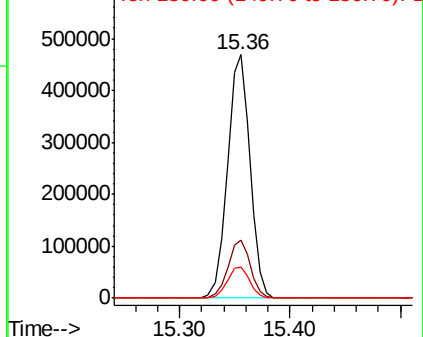


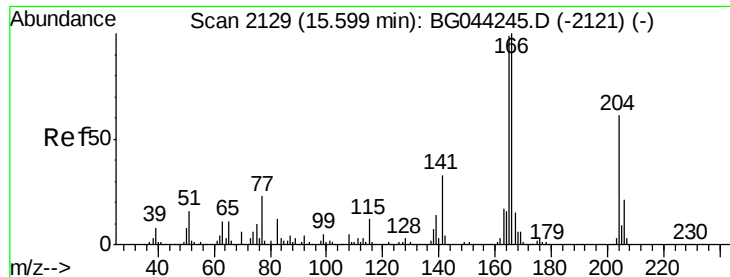
#60
 Diethylphthalate
 Concen: 46.898 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion:	149	Resp:	665882
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.4	29.0
150	12.9	10.9	16.3



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

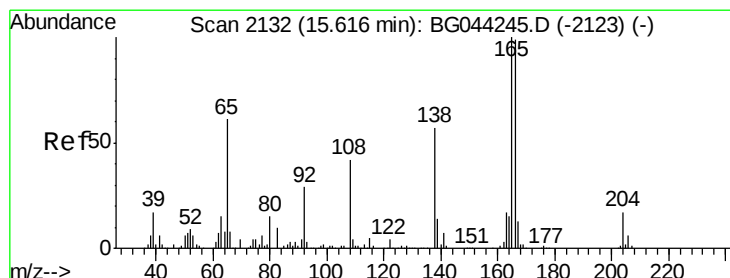
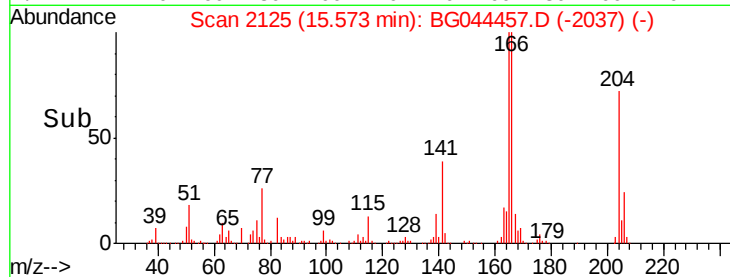
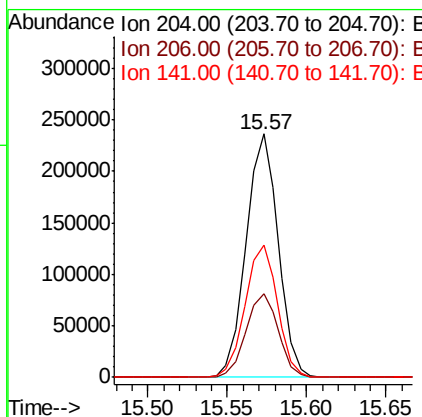
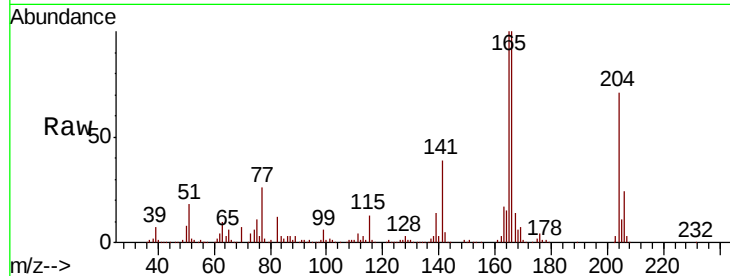




#61
4-Chlorophenyl-phenylether
Concen: 47.393 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

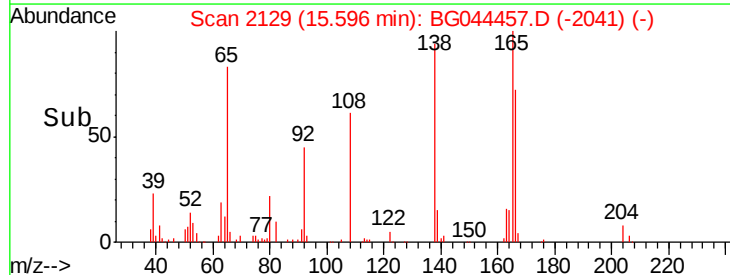
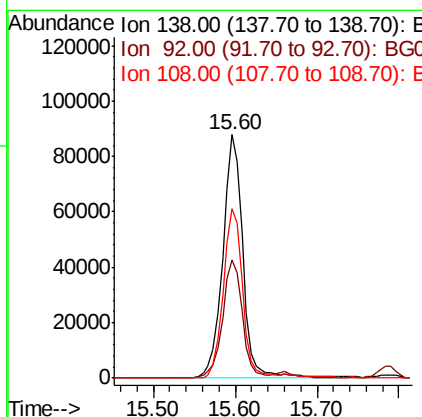
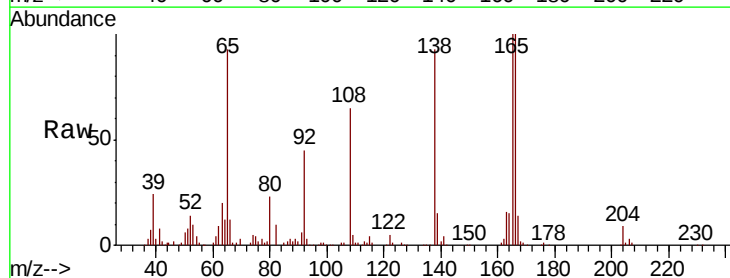
Instrument :
BNA_G
ClientSampleId :

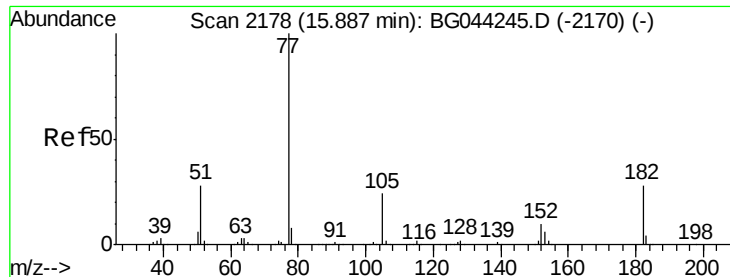
Tot Ion:204 Resp: 331476
Ion Ratio Lower Upper
204 100
206 34.2 27.6 41.4
141 54.5 43.4 65.0



#62
4-Nitroaniline
Concen: 42.655 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion:138 Resp: 149819
Ion Ratio Lower Upper
138 100
92 48.3 31.3 71.3
108 69.5 52.6 92.6

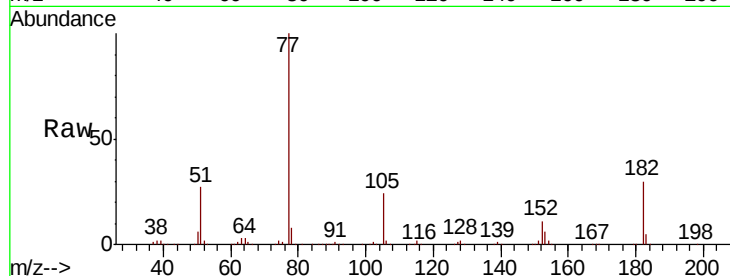




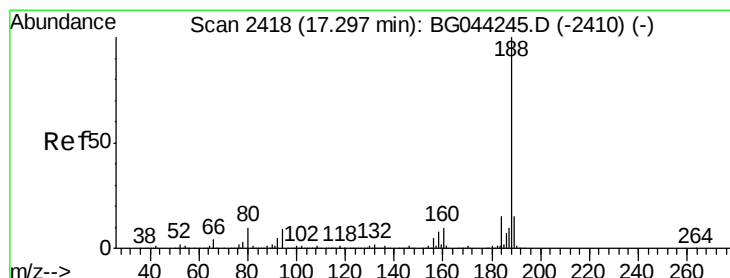
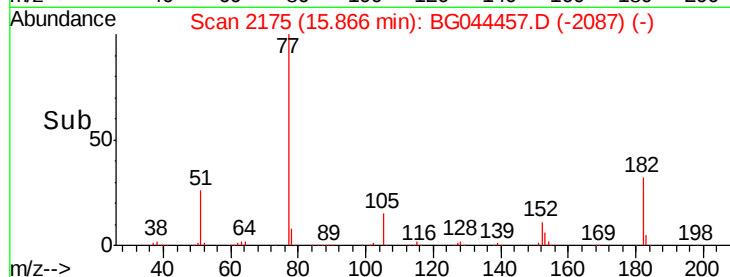
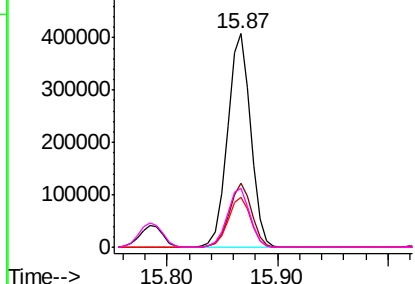
#63
Azobenzene
Concen: 47.736 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	594027
Ion	Ratio	Lower	Upper
77	100		
182	30.2	8.2	48.2
105	23.7	3.6	43.6
51	27.3	8.3	48.3

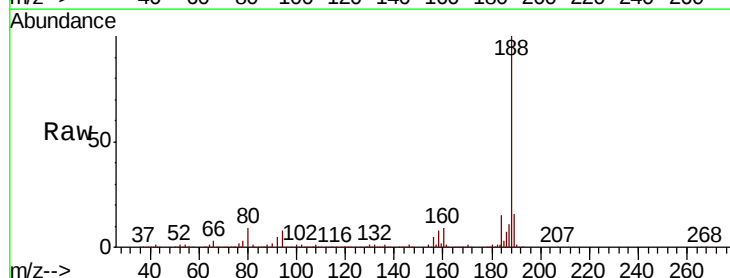


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

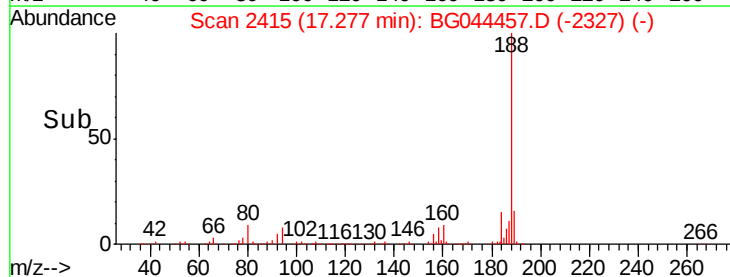
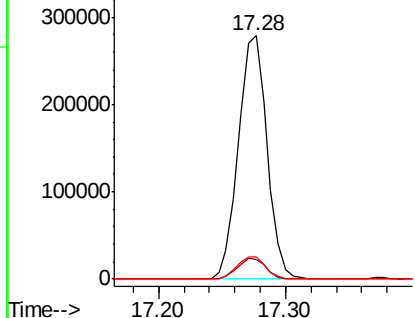


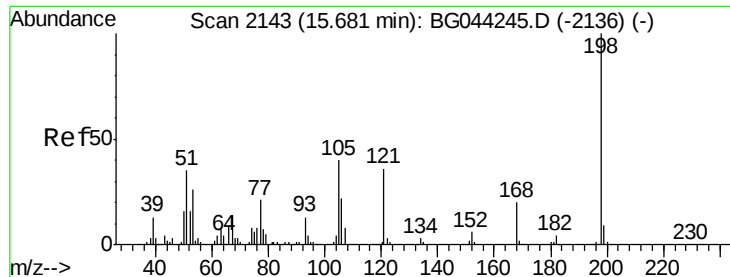
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion:	188	Resp:	434714
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.4	11.2
80	9.1	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: 57.060 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampled :

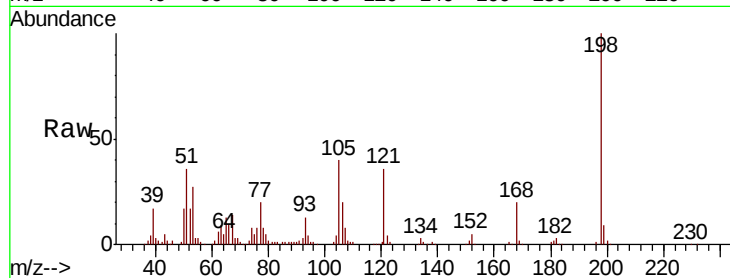
Tot Ion:198 Resp: 136922

Ion	Ratio	Lower	Upper
198	100		
51	36.2	16.6	56.6
105	39.5	20.6	60.6

198 100

51 36.2 16.6 56.6

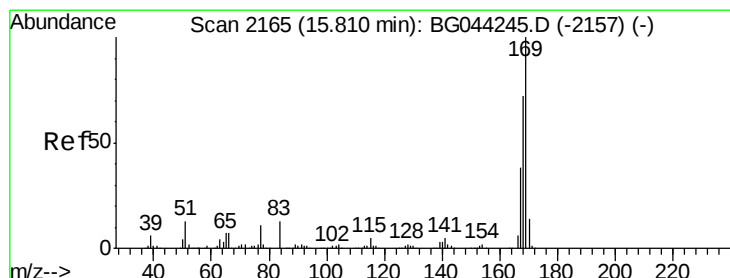
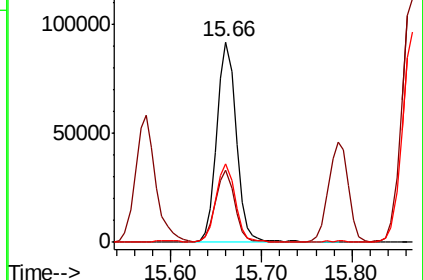
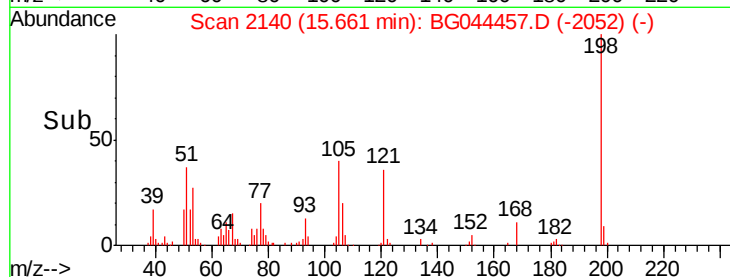
105 39.5 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.301 ng

RT: 15.78 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

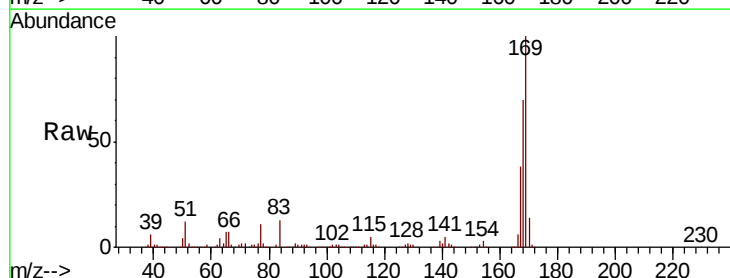
Tgt Ion:169 Resp: 588431

Ion	Ratio	Lower	Upper
169	100		
168	70.4	57.9	86.9
167	37.6	30.7	46.1

169 100

168 70.4 57.9 86.9

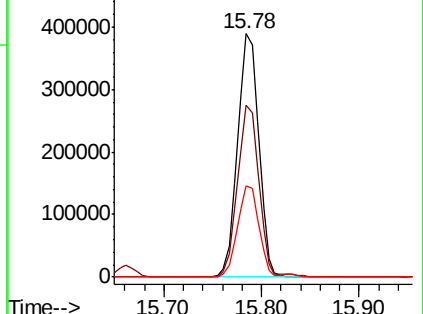
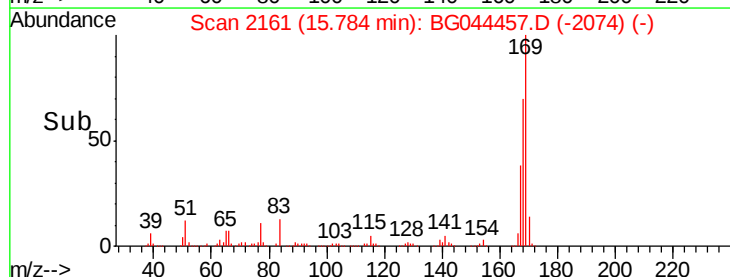
167 37.6 30.7 46.1

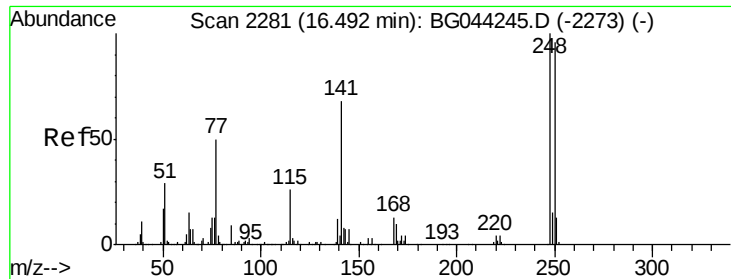


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

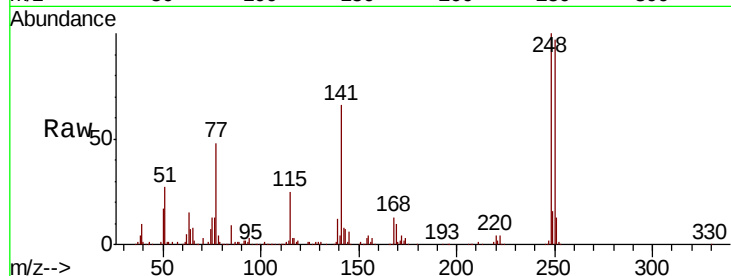




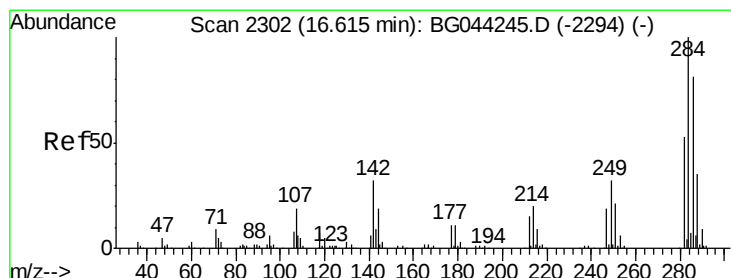
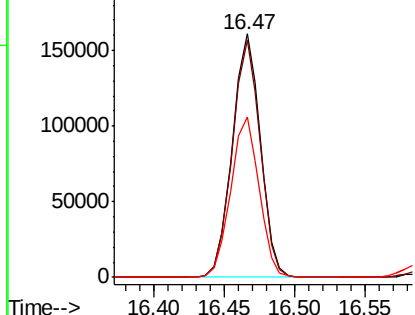
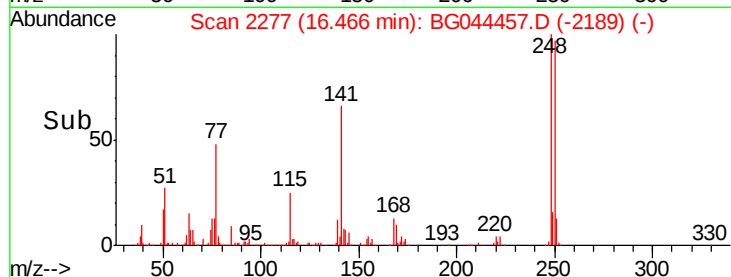
#67
4-Bromophenyl-phenylether
Concen: 46.976 ng
RT: 16.47 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 222486
Ion Ratio Lower Upper
248 100
250 97.4 76.6 114.8
141 65.9 54.7 82.1

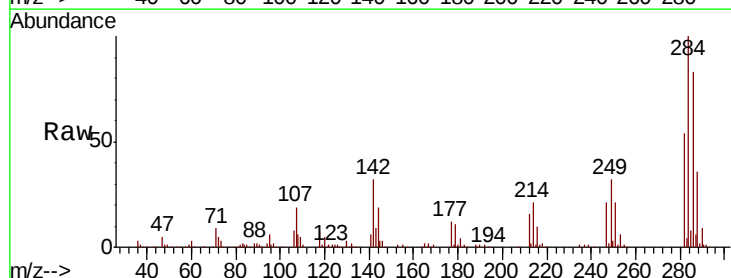


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

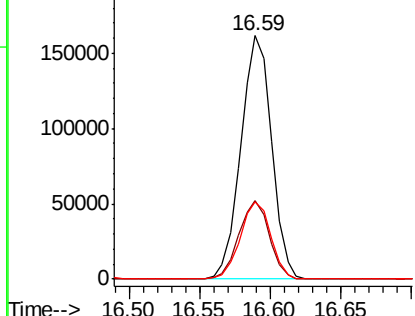
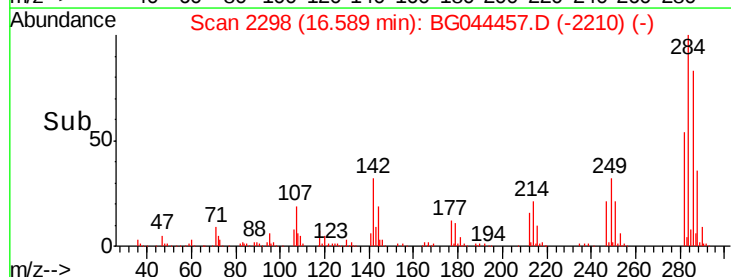


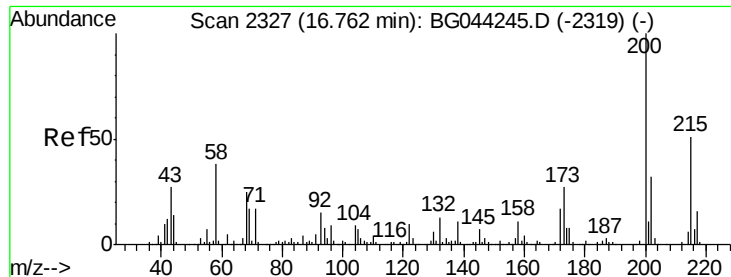
#68
Hexachlorobenzene
Concen: 46.378 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion:284 Resp: 246087
Ion Ratio Lower Upper
284 100
142 32.2 25.3 37.9
249 31.8 25.5 38.3



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





#69

Atrazine

Concen: 54.883 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampled :

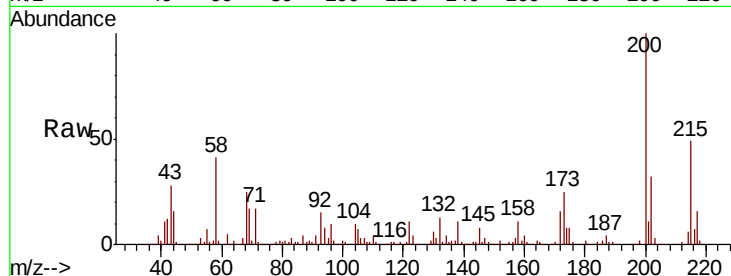
Tot Ion:200 Resp: 229171

Ion Ratio Lower Upper

200 100

173 25.4 6.6 46.6

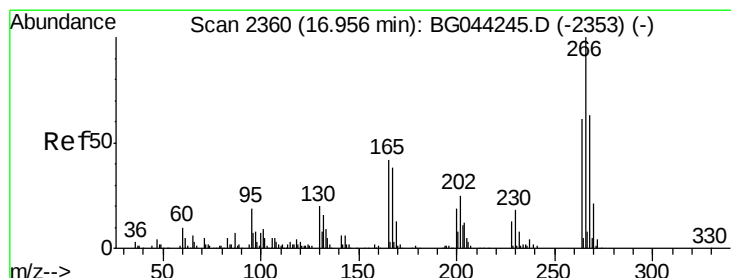
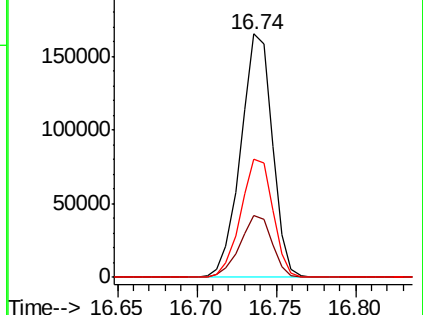
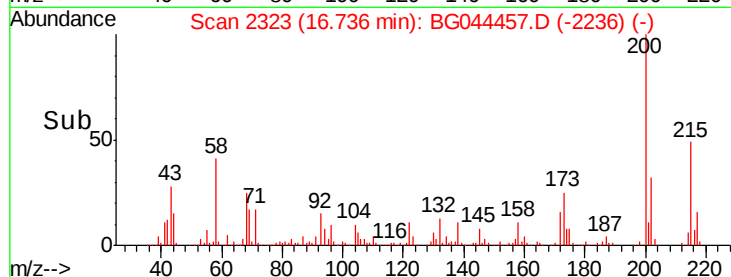
215 48.7 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 98.749 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

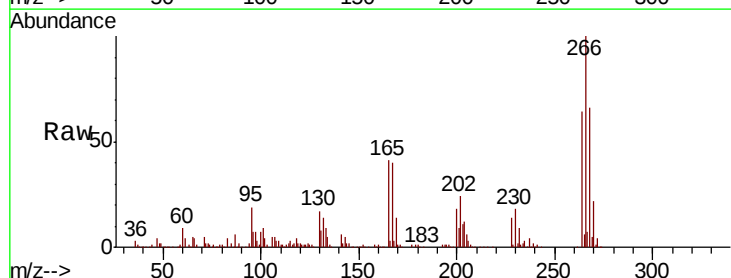
Tgt Ion:266 Resp: 267021

Ion Ratio Lower Upper

266 100

268 65.8 50.6 75.8

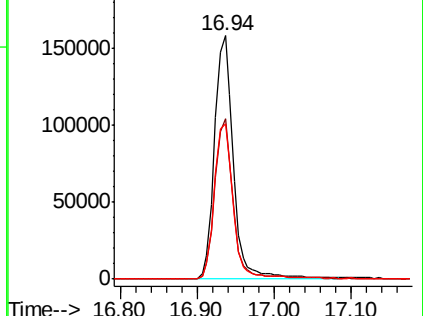
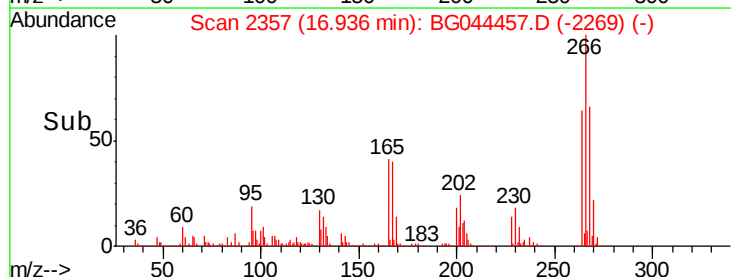
264 63.6 48.7 73.1

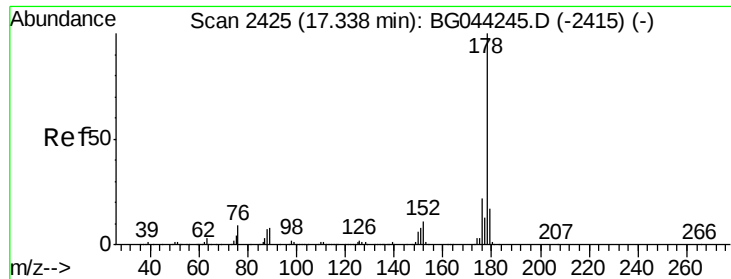


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

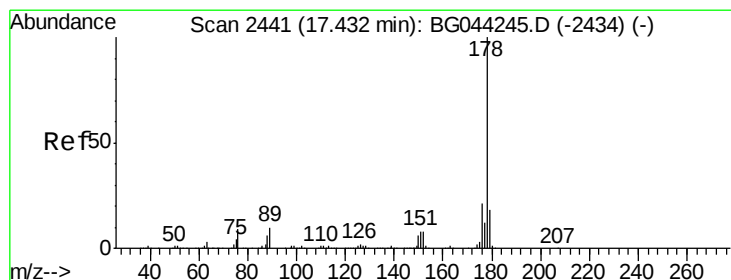
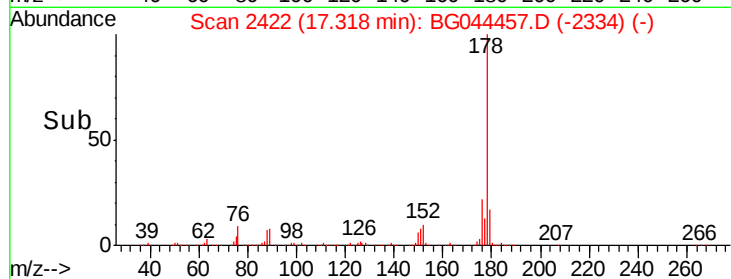
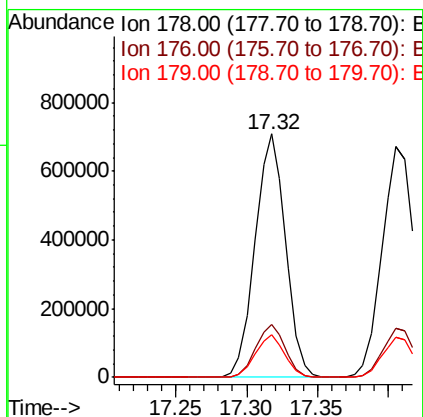
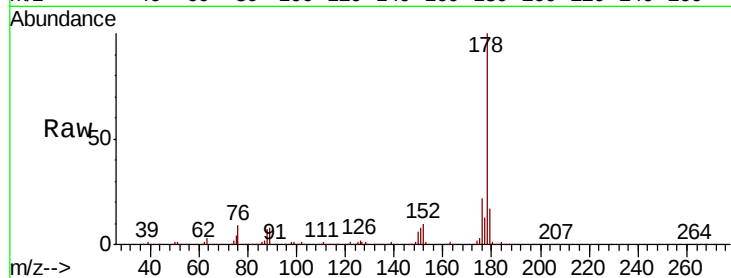




#71
Phenanthrene
Concen: 51.037 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

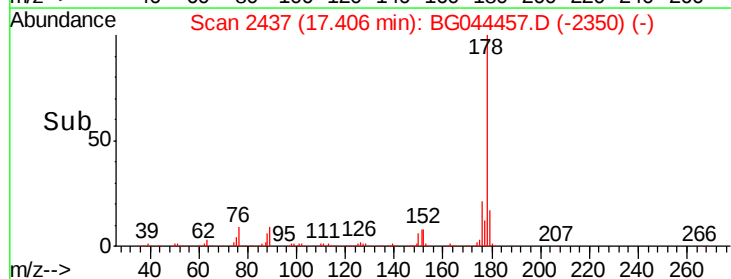
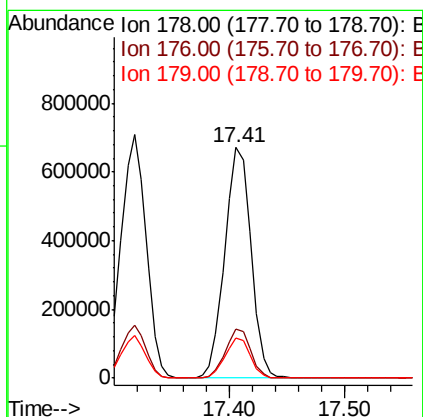
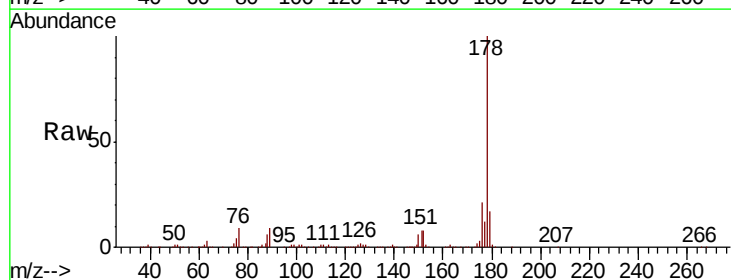
Instrument :
BNA_G
ClientSampled :

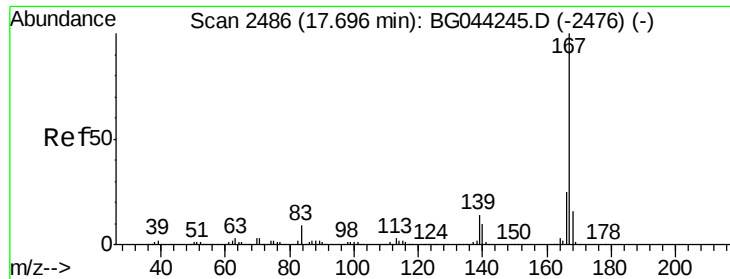
Tot Ion:178 Resp: 1074350
Ion Ratio Lower Upper
178 100
176 21.7 17.7 26.5
179 17.4 13.7 20.5



#72
Anthracene
Concen: 50.839 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion:178 Resp: 1058045
Ion Ratio Lower Upper
178 100
176 21.1 17.0 25.4
179 17.2 14.4 21.6





#73

Carbazole

Concen: 49.284 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampleId :

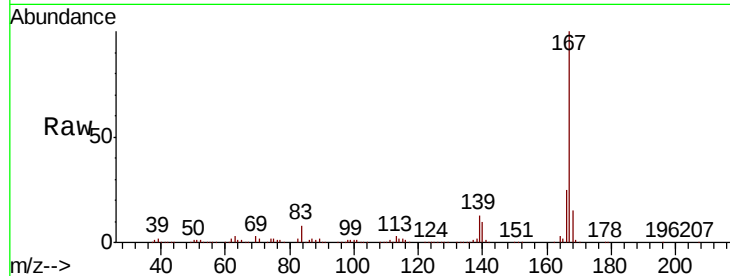
Tot Ion:167 Resp: 945558

Ion Ratio Lower Upper

167 100

166 25.0 19.8 29.6

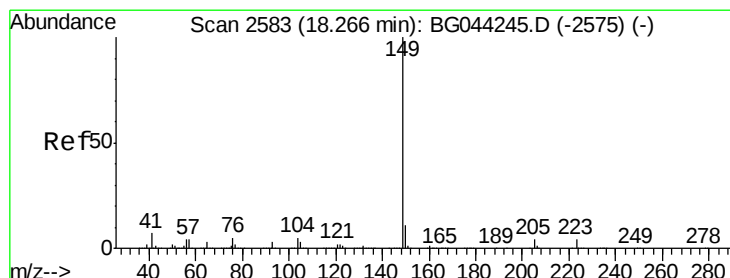
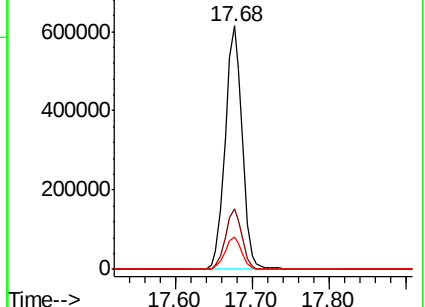
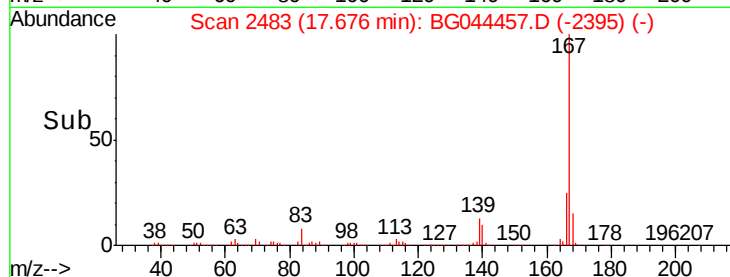
139 13.4 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.304 ng

RT: 18.24 min Scan# 2579

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

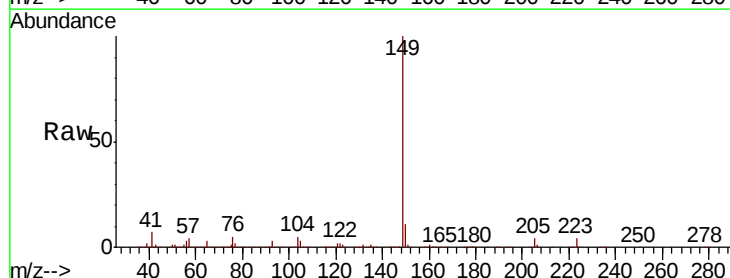
Tgt Ion:149 Resp: 1145254

Ion Ratio Lower Upper

149 100

150 10.7 8.7 13.1

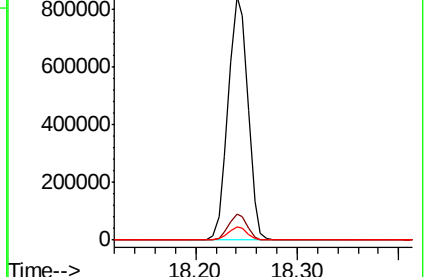
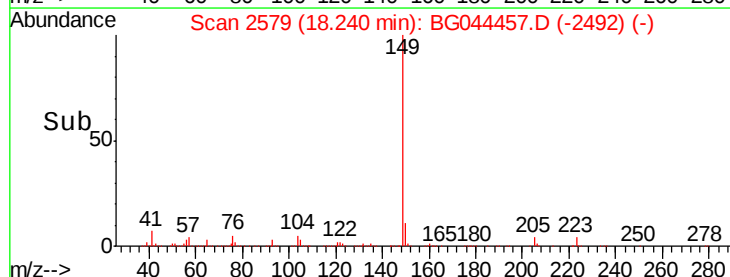
104 5.3 4.3 6.5

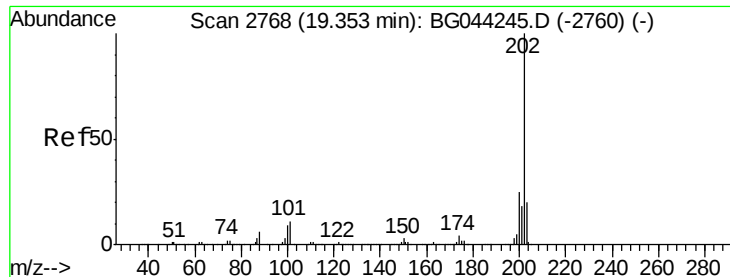


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 52.736 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampled :

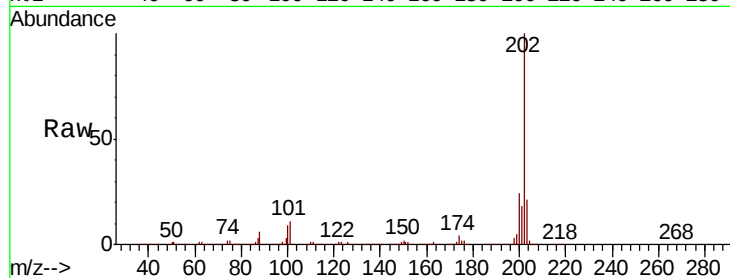
Tot Ion:202 Resp: 1284186

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

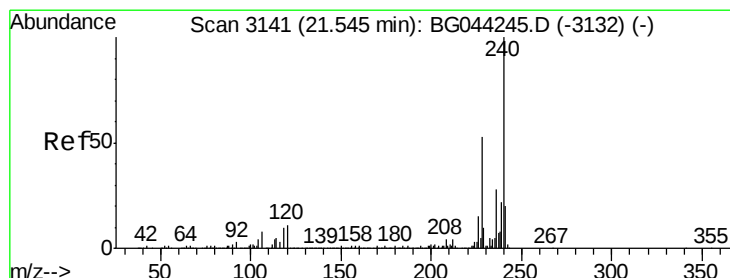
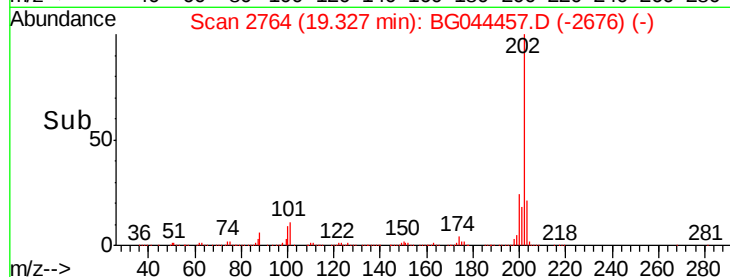
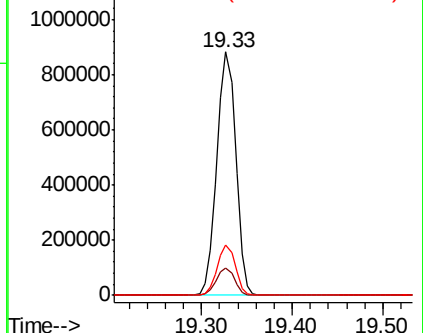
203 20.6 0.0 39.9



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: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

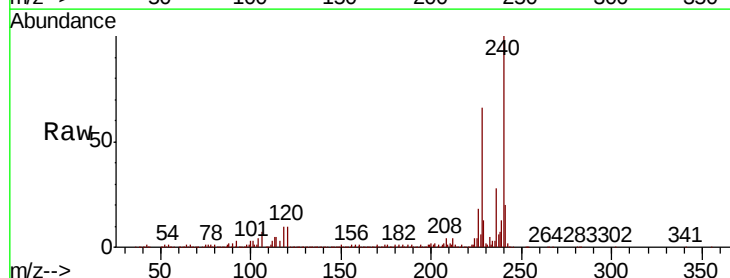
Tgt Ion:240 Resp: 418288

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

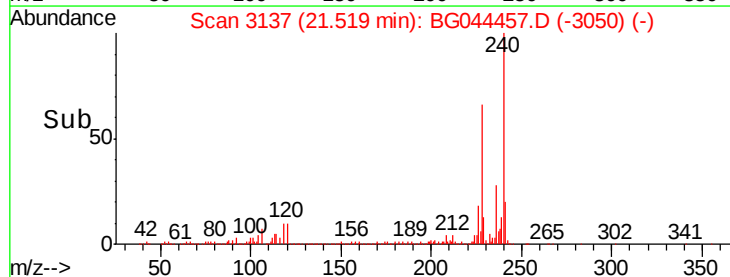
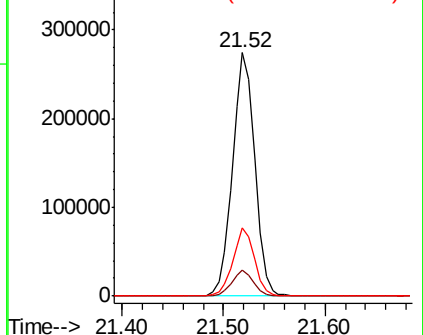
236 28.2 22.1 33.1

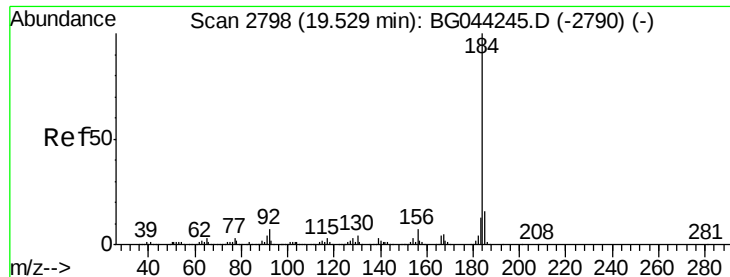


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.248 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampleId :

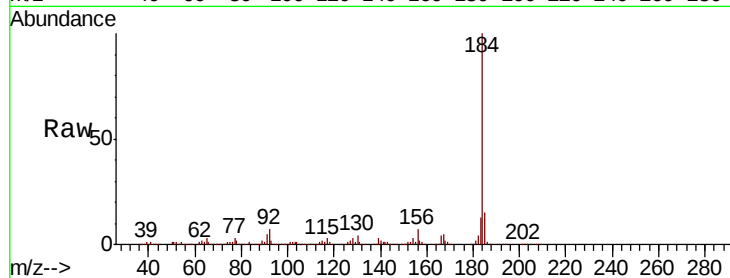
Tot Ion:184 Resp: 536580

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.9	19.3
183	12.9	10.8	16.2

184 100

185 14.9 12.9 19.3

183 12.9 10.8 16.2



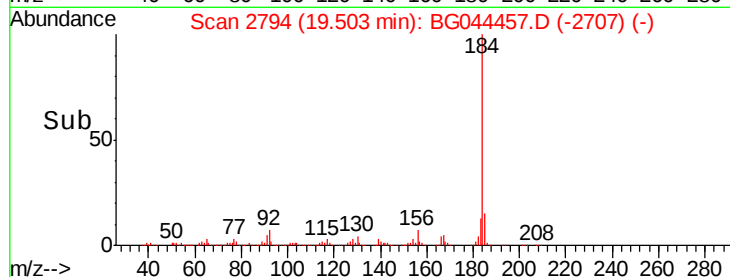
Abundance

Ion 184.00 (183.70 to 184.70): E

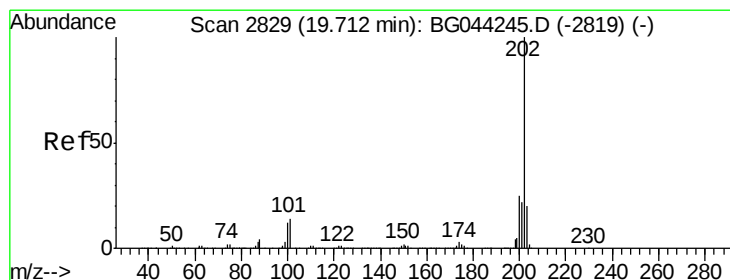
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.50



Time-->



#78

Pyrene

Concen: 47.610 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

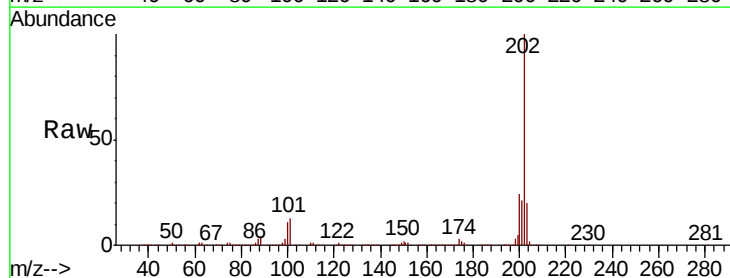
Tgt Ion:202 Resp: 1278932

Ion	Ratio	Lower	Upper
202	100		
200	24.2	20.0	30.0
203	20.3	16.2	24.2

202 100

200 24.2 20.0 30.0

203 20.3 16.2 24.2



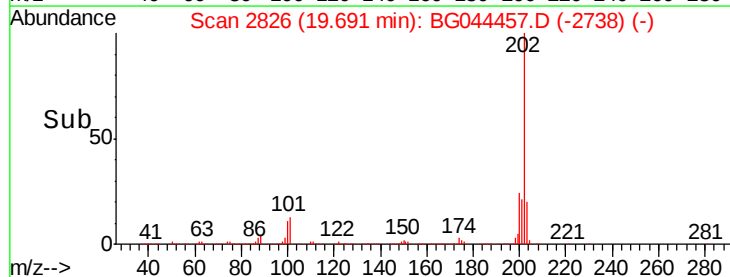
Abundance

Ion 202.00 (201.70 to 202.70): E

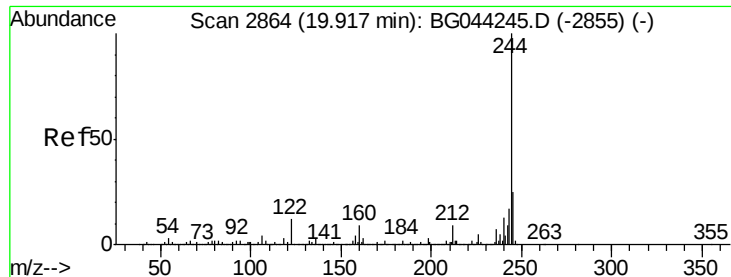
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.69



Time-->



#79

Terphenyl-d14

Concen: 69.690 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampled :

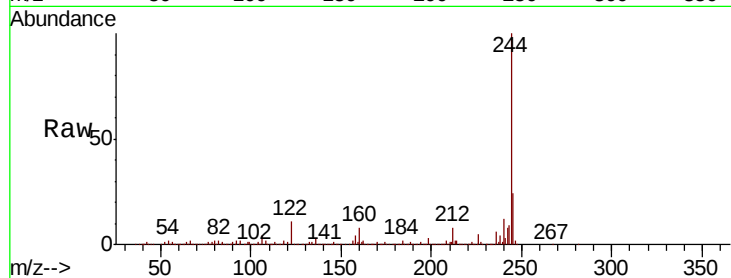
Tot Ion:244 Resp: 1417220

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.2
122	11.1	9.8	14.6

244 100

212 8.3 7.4 11.2

122 11.1 9.8 14.6

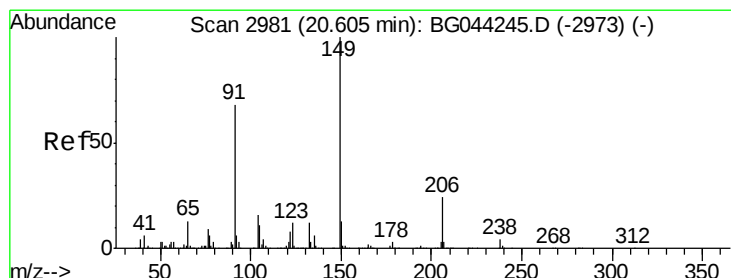
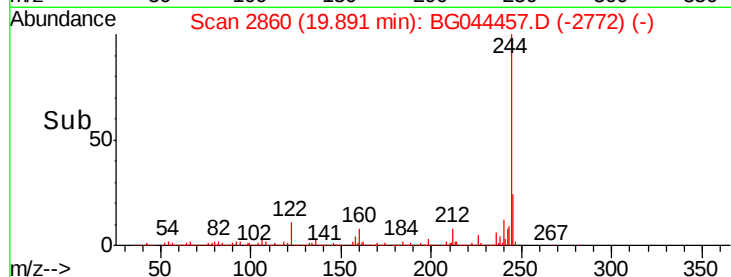
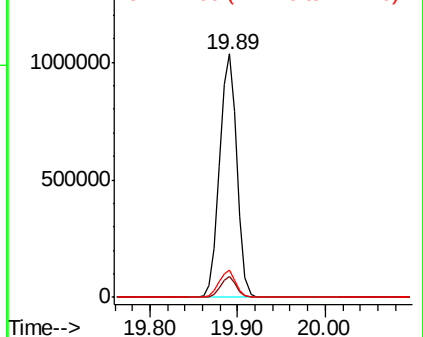


Abundance

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: 43.844 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

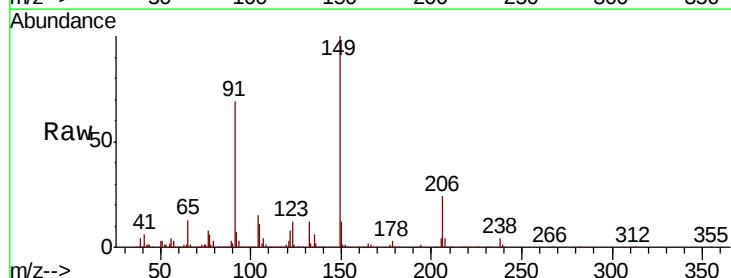
Tgt Ion:149 Resp: 536717

Ion	Ratio	Lower	Upper
149	100		
91	69.3	54.5	81.7
206	23.8	19.1	28.7

149 100

91 69.3 54.5 81.7

206 23.8 19.1 28.7

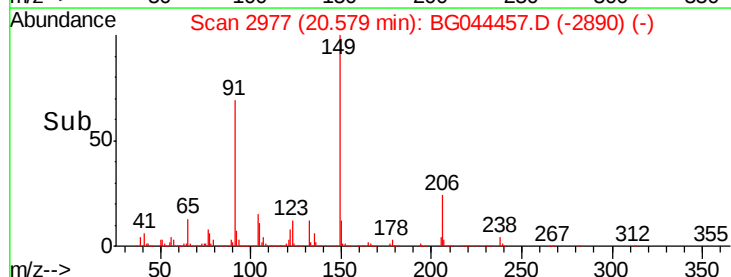
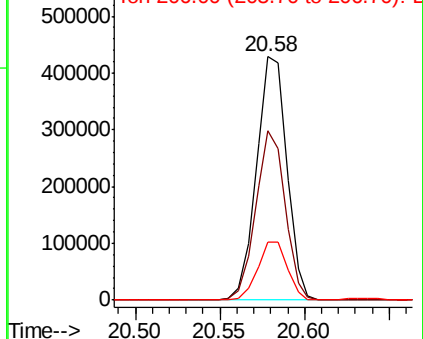


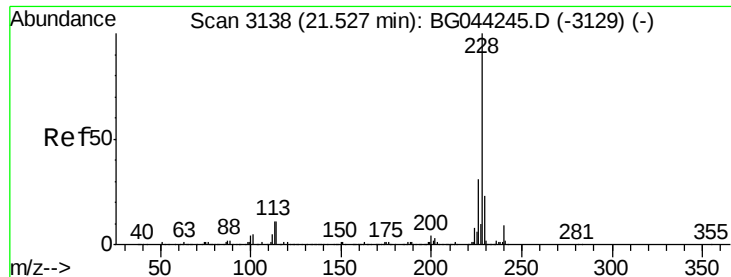
Abundance

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: 47.702 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampled :

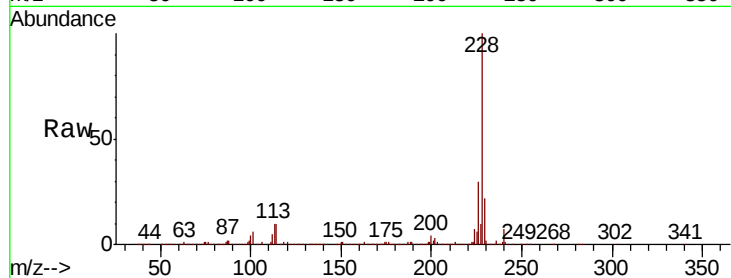
Tot Ion:228 Resp: 1229724

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

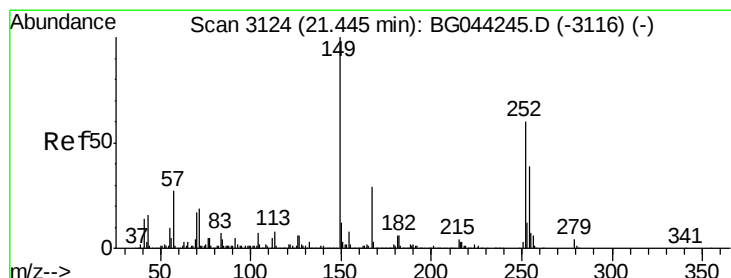
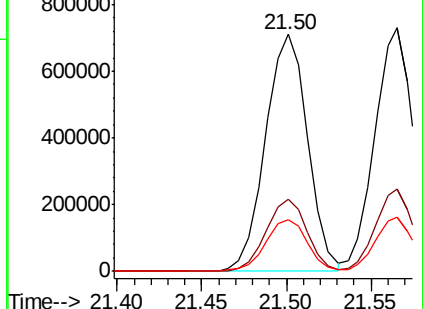
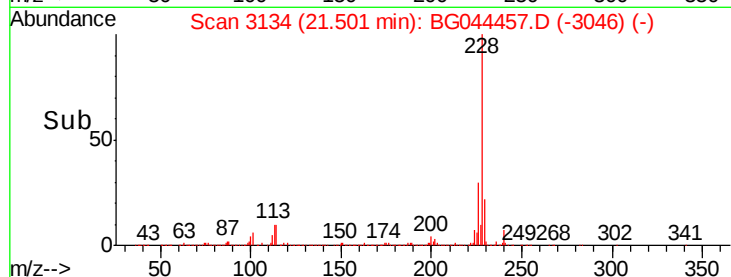
229 22.1 18.2 27.4



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



#82

3,3'-Dichlorobenzidine

Concen: 22.819 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

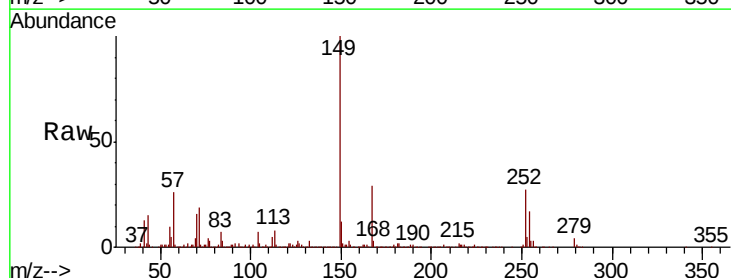
Tgt Ion:252 Resp: 228310

Ion Ratio Lower Upper

252 100

254 65.0 52.6 78.8

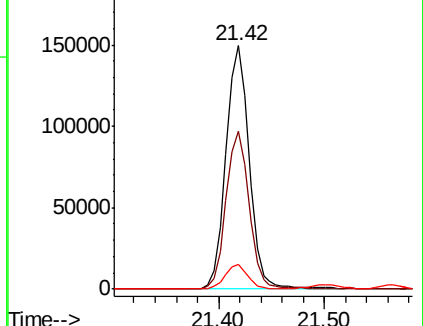
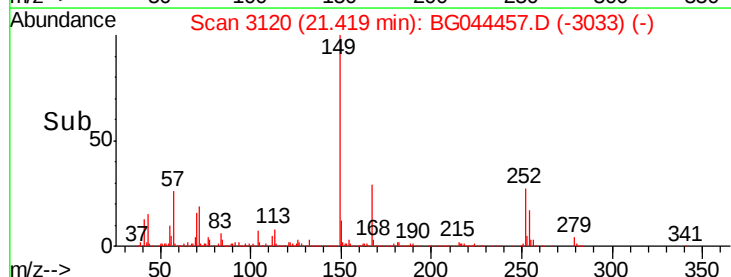
126 9.9 8.2 12.4

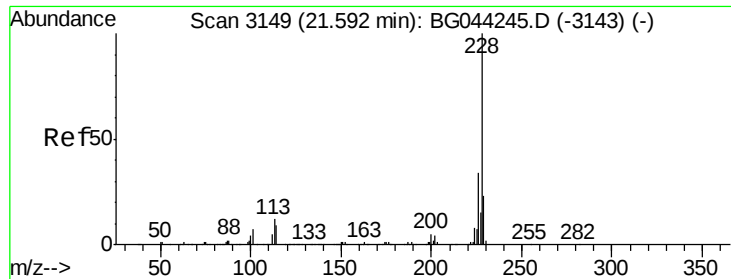


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

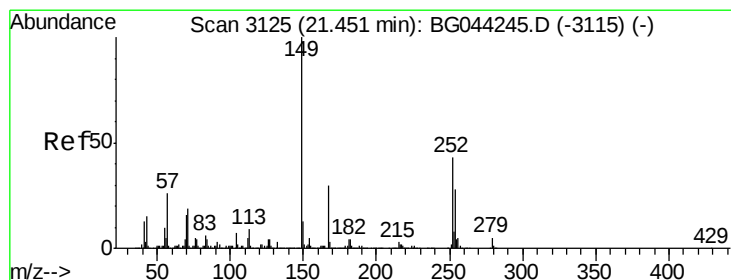
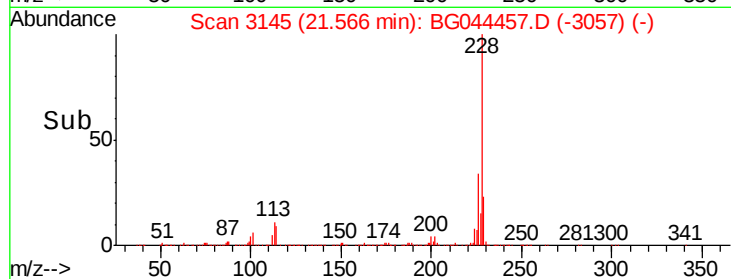
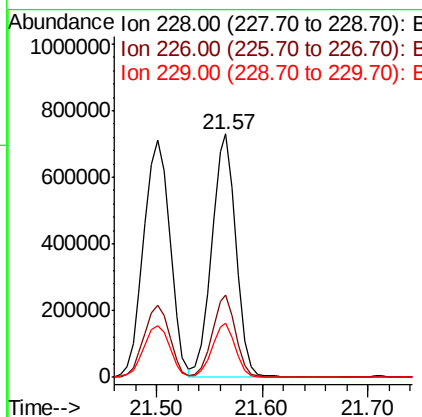
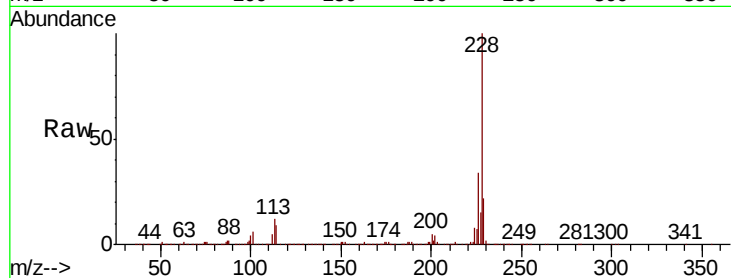




#83
 Chrvsene
 Concen: 46.695 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

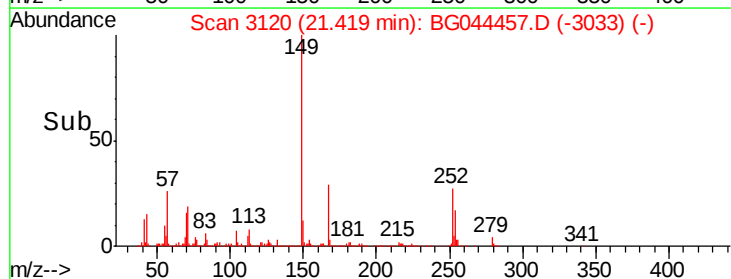
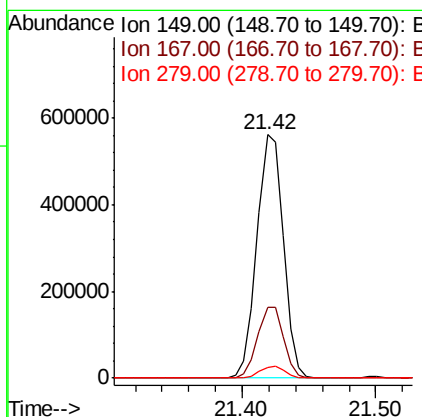
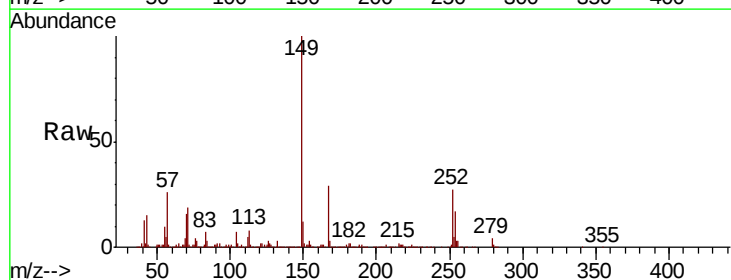
Instrument :
 BNA_G
 ClientSampleId :

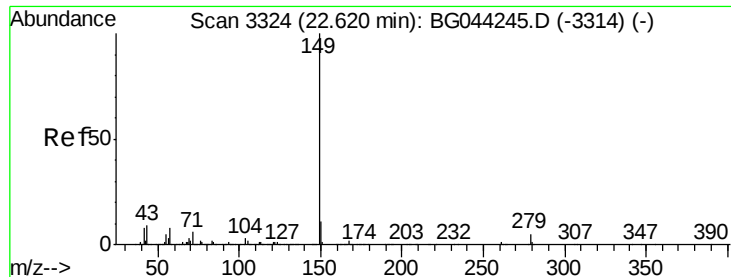
Tot Ion:228 Resp: 1163550
 Ion Ratio Lower Upper
 228 100
 226 34.0 27.1 40.7
 229 22.5 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.368 ng
 RT: 21.42 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion:149 Resp: 764422
 Ion Ratio Lower Upper
 149 100
 167 29.2 24.0 36.0
 279 4.4 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 46.123 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampled :

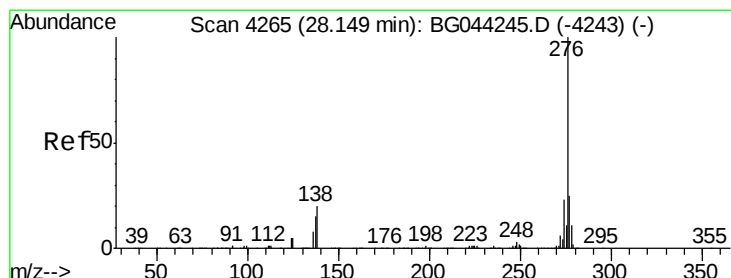
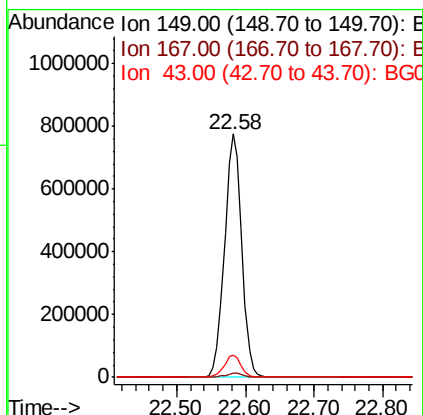
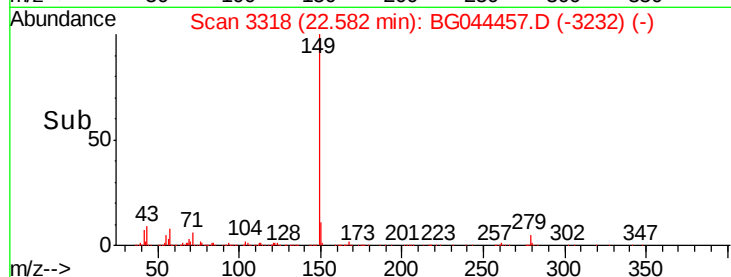
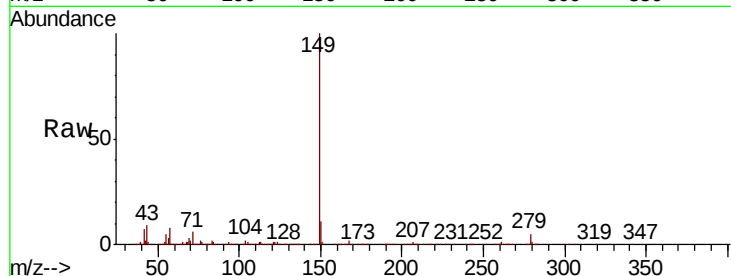
Tot Ion:149 Resp: 1344640

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.8 7.4 11.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.706 ng

RT: 28.08 min Scan# 4254

Delta R.T. -0.04 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

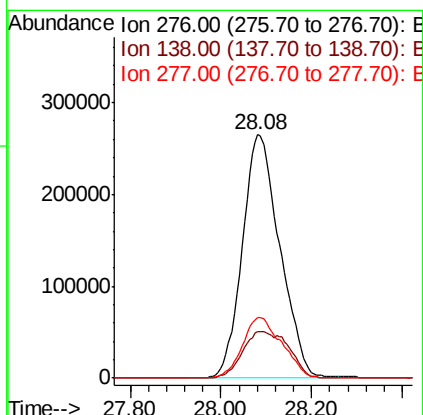
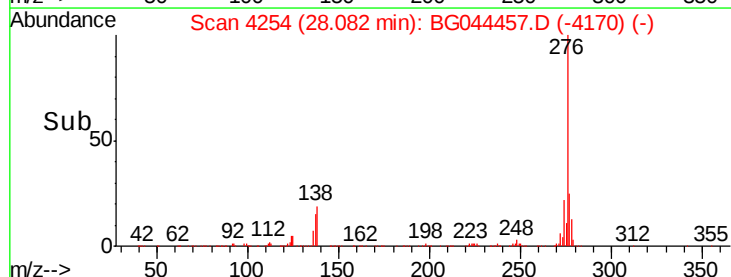
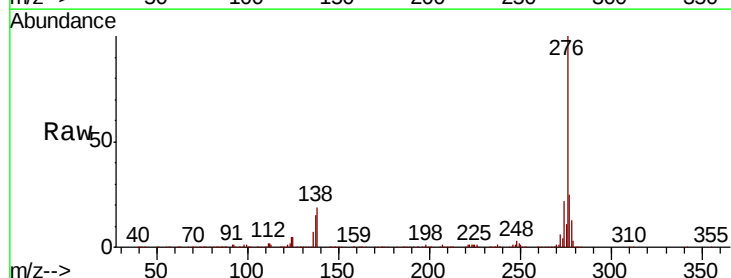
Tgt Ion:276 Resp: 1518380

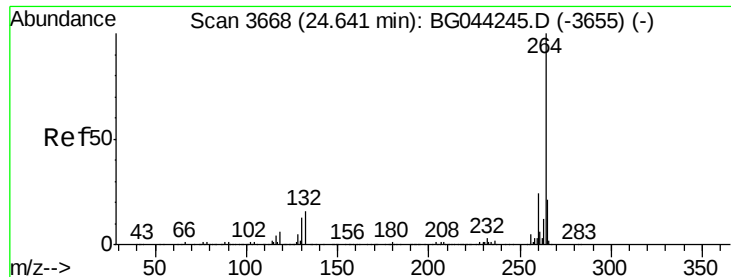
Ion Ratio Lower Upper

276 100

138 15.4 19.4 29.0#

277 26.3 21.0 31.6



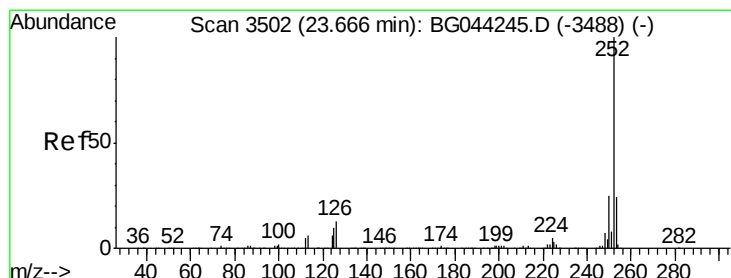
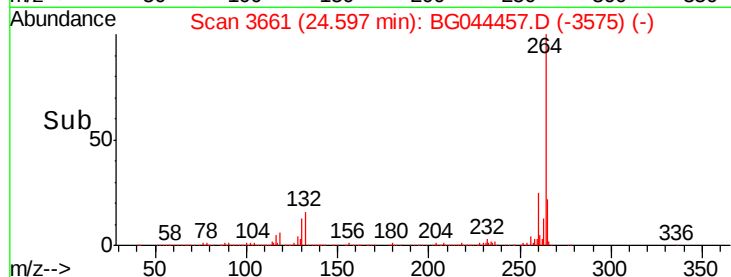
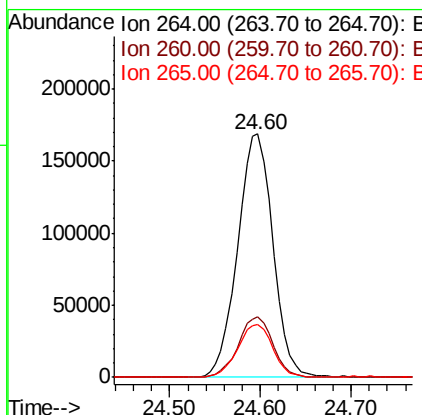
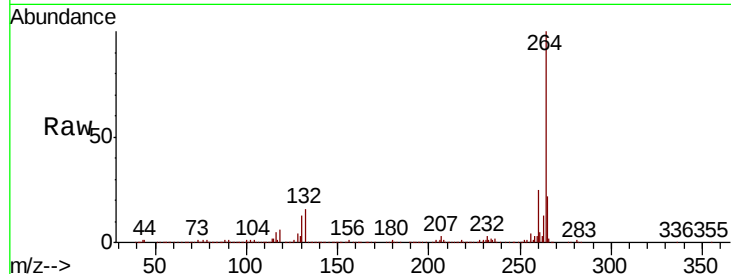


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 455798

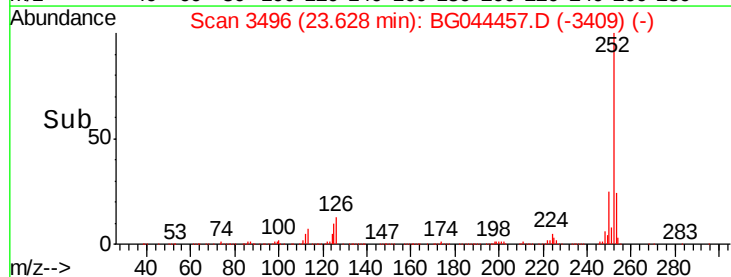
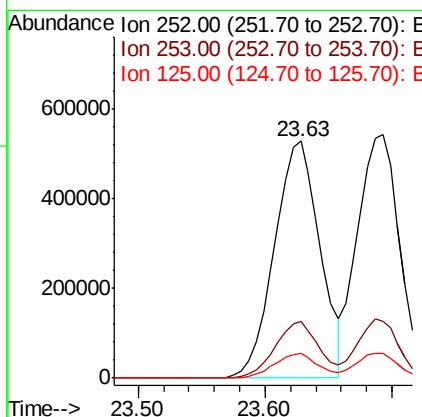
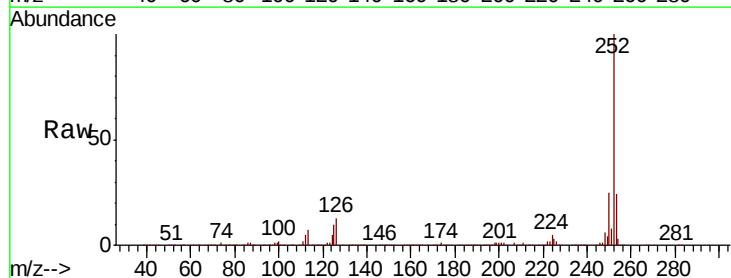
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.9	16.7	25.1

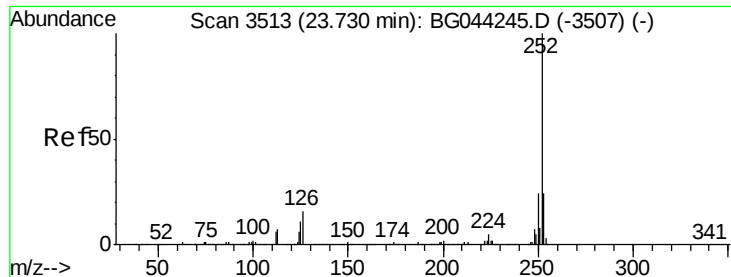


#88
Benzo(b)fluoranthene
Concen: 50.265 ng
RT: 23.63 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion:252 Resp: 1320184

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.2	28.8
125	10.3	8.4	12.6

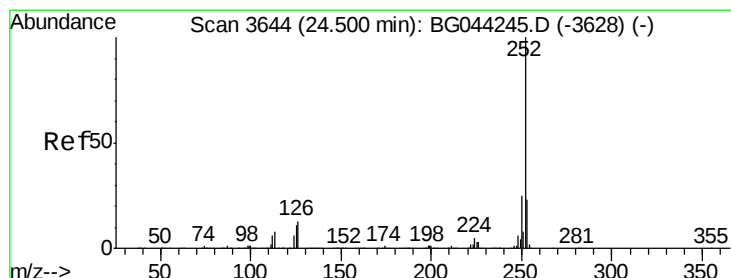
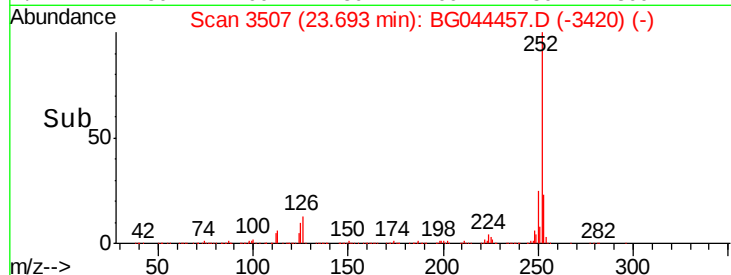
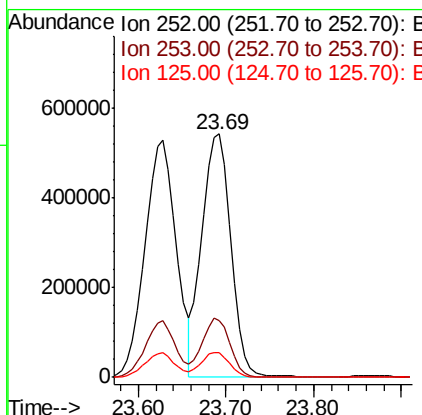
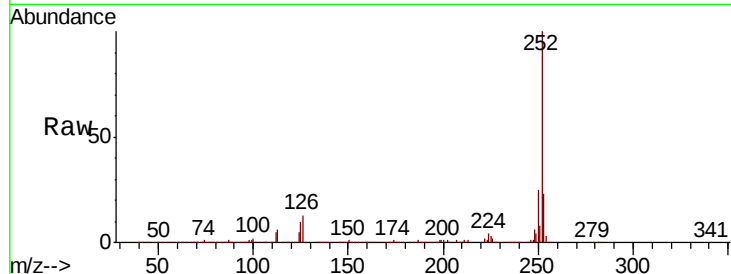




#89
Benzo(k)fluoranthene
Concen: 48.962 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

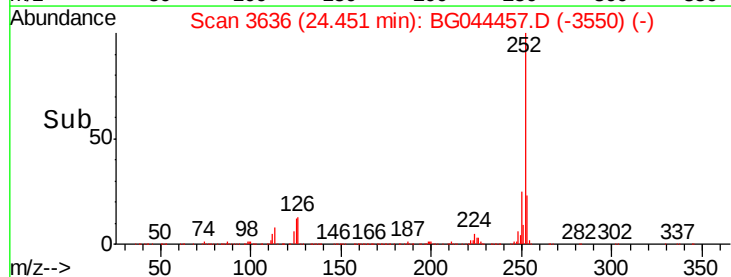
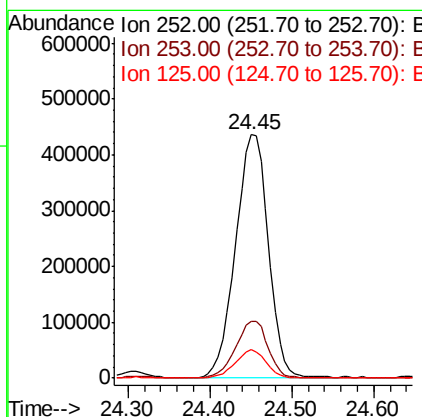
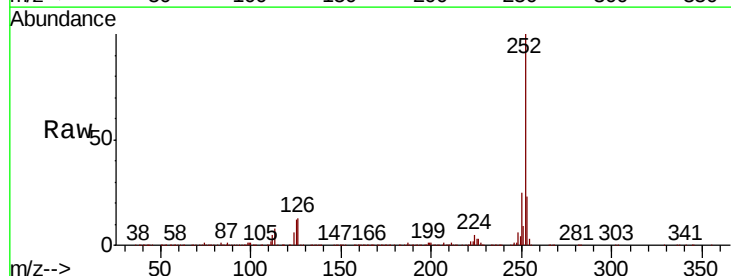
Instrument :
BNA_G
ClientSampleId :

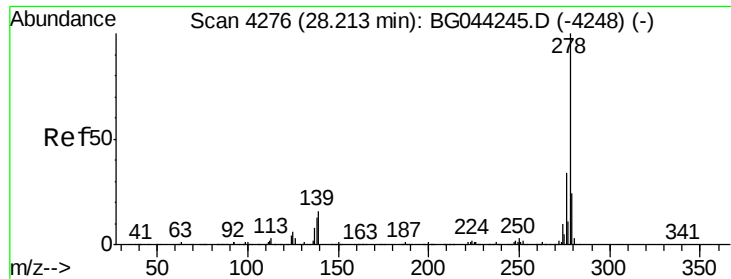
Tot Ion:252 Resp: 1253342
Ion Ratio Lower Upper
252 100
253 23.3 19.1 28.7
125 10.0 8.6 12.8



#90
Benzo(a)pyrene
Concen: 49.034 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion:252 Resp: 1217666
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 11.6 8.6 13.0



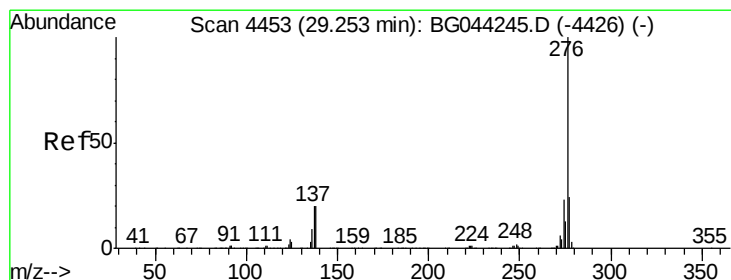
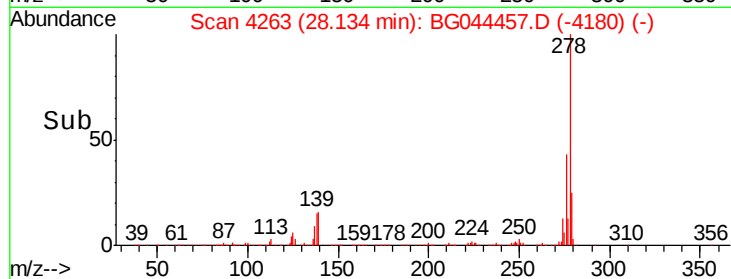
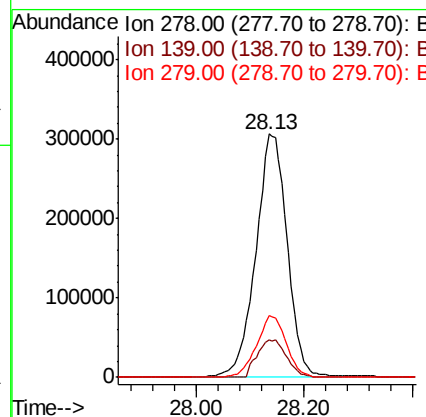
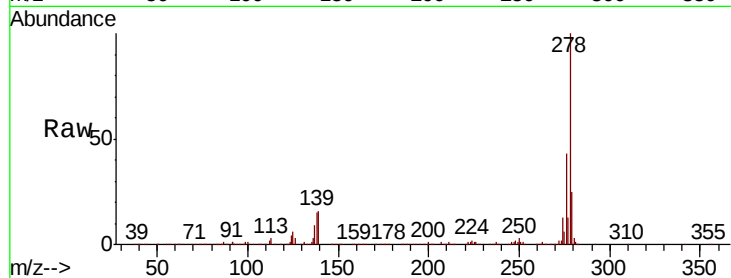


#91
Dibenzo(a,h)anthracene
Concen: 49.727 ng
RT: 28.13 min Scan# 4263
Delta R.T. -0.04 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1222100

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.7	19.1
279	25.3	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 51.666 ng
RT: 29.17 min Scan# 4440
Delta R.T. -0.03 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion:276 Resp: 1271113

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.8	28.2
138	20.2	16.2	24.2

