

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044478.D
 Acq On : 18 Feb 2020 18:39
 Operator : CG/JU
 Sample : L1365-16MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 19 01:19:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	71521	20.00	ng	0.00
21) Naphthalene-d8	10.69	136	294201	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	197161	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	430692	20.00	ng	0.00
76) Chrysene-d12	21.53	240	397580	20.00	ng	0.00
87) Perylene-d12	24.61	264	438558	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	541062	133.51	ng	0.00
7) Phenol-d6	7.07	99	645492	118.61	ng	0.00
23) Nitrobenzene-d5	9.05	82	477489	91.63	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	345195	149.14	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1093667	92.89	ng	0.00
79) Terphenyl-d14	19.90	244	1752792	90.68	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	69981	38.435	ng	# 52
3) Pyridine	3.76	79	168501	34.735	ng	99
4) n-Nitrosodimethylamine	3.66	42	88628	43.722	ng	98
6) Aniline	7.22	93	79172	11.721	ng	99
8) 2-Chlorophenol	7.46	128	231705	52.023	ng	99
9) Benzaldehyde	7.03	77	106162	34.253	ng	97
10) Phenol	7.10	94	238580	44.299	ng	98
11) bis(2-Chloroethyl)ether	7.31	93	210925	45.809	ng	97
12) 1,3-Dichlorobenzene	7.79	146	249957	47.004	ng	97
13) 1,4-Dichlorobenzene	7.93	146	247505	46.993	ng	100
14) 1,2-Dichlorobenzene	8.25	146	235444	47.294	ng	98
15) Benzyl Alcohol	8.13	79	188606	48.953	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.43	45	280909	45.075	ng	99
17) 2-Methylphenol	8.35	107	187210	48.720	ng	97
18) Hexachloroethane	8.98	117	91786	46.441	ng	98
19) n-Nitroso-di-n-propylamine	8.70	70	163687	45.133	ng	98
20) 3+4-Methylphenols	8.68	107	250320	47.269	ng	99
22) Acetophenone	8.71	105	314041	43.879	ng	99
24) Nitrobenzene	9.10	77	243336	47.831	ng	98
25) Isophorone	9.62	82	454581	46.802	ng	99
26) 2-Nitrophenol	9.81	139	135580	51.361	ng	99
27) 2,4-Dimethylphenol	9.88	122	211580	56.780	ng	100
28) bis(2-Chloroethoxy)methane	10.10	93	282240	43.559	ng	99
29) 2,4-Dichlorophenol	10.35	162	229831	51.009	ng	98
30) 1,2,4-Trichlorobenzene	10.56	180	245542	47.526	ng	99
31) Naphthalene	10.75	128	720952	50.509	ng	100
32) Benzoic acid	10.03	122	49794	28.469	ng	99
33) 4-Chloroaniline	10.85	127	24866	3.830	ng	98
34) Hexachlorobutadiene	11.04	225	143805	45.235	ng	98
35) Caprolactam	11.63	113	44496	26.959	ng	95
36) 4-Chloro-3-methylphenol	11.99	107	245388	51.944	ng	99
37) 2-Methylnaphthalene	12.36	142	530737	50.079	ng	99
38) 1-Methylnaphthalene	12.58	142	503541	50.397	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	273004	46.290	ng	99

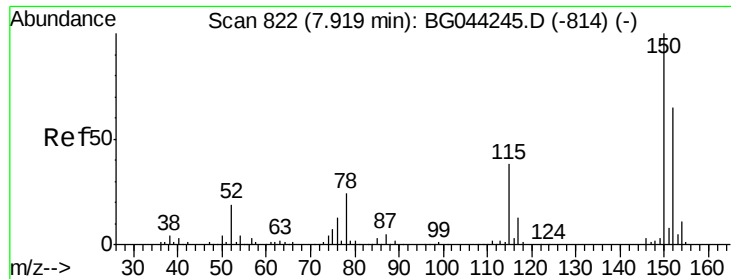
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	121381	42.892	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	193428	50.740	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	211711	54.372	ng	98
46) 1,1'-Biphenyl	13.37	154	675185	47.477	ng	100
47) 2-Chloronaphthalene	13.41	162	533936	47.181	ng	99
48) 2-Nitroaniline	13.61	65	157771	47.240	ng	99
49) Acenaphthylene	14.26	152	845131	50.916	ng	99
50) Dimethylphthalate	13.99	163	684398	48.291	ng	100
51) 2,6-Dinitrotoluene	14.11	165	156138	49.411	ng	99
52) Acenaphthene	14.60	154	528190	49.094	ng	99
53) 3-Nitroaniline	14.44	138	51659	14.776	ng	94
54) 2,4-Dinitrophenol	14.65	184	105770	58.729	ng	97
55) Dibenzofuran	14.94	168	818349	50.239	ng	99
56) 4-Nitrophenol	14.77	139	255109	99.618	ng	98
57) 2,4-Dinitrotoluene	14.90	165	222098	50.147	ng	98
58) Fluorene	15.58	166	658557	51.330	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	189238	53.806	ng	98
60) Diethylphthalate	15.36	149	673322	47.680	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	341239	49.054	ng	99
62) 4-Nitroaniline	15.61	138	154167	44.131	ng	97
63) Azobenzene	15.87	77	622015	50.256	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	96587	40.627	ng	97
66) n-Nitrosodiphenylamine	15.79	169	611411	50.656	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	228826	48.766	ng	97
68) Hexachlorobenzene	16.60	284	252481	48.028	ng	99
69) Atrazine	16.75	200	239045	57.783	ng	99
70) Pentachlorophenol	16.94	266	261562	97.669	ng	98
71) Phenanthrene	17.32	178	1060194	50.835	ng	99
72) Anthracene	17.42	178	1089525	52.841	ng	99
73) Carbazole	17.69	167	984685	51.803	ng	99
74) Di-n-butylphthalate	18.24	149	1188724	50.606	ng	100
75) Fluoranthene	19.34	202	1212271	50.247	ng	100
77) Benzidine	19.51	184	273073	24.762	ng	98
78) Pyrene	19.69	202	1225283	47.989	ng	99
80) Butylbenzylphthalate	20.59	149	538283	46.262	ng	99
81) Benzo(a)anthracene	21.51	228	1165215	47.554	ng	100
82) 3,3'-Dichlorobenzidine	21.42	252	141970	14.929	ng	100
83) Chrysene	21.57	228	1118872	47.240	ng	100
84) Bis(2-ethylhexyl)phthalate	21.43	149	762495	47.610	ng	99
85) Di-n-octyl phthalate	22.59	149	1334013	48.142	ng	100
86) Indeno(1,2,3-cd)pyrene	28.11	276	1490963	48.251	ng	# 87
88) Benzo(b)fluoranthene	23.64	252	1236121	48.914	ng	100
89) Benzo(k)fluoranthene	23.71	252	1232729	50.049	ng	100
90) Benzo(a)pyrene	24.47	252	1170011	48.967	ng	98
91) Dibenzo(a,h)anthracene	28.17	278	1250647	52.889	ng	98
92) Benzo(g,h,i)perylene	29.21	276	1147607	48.479	ng	99

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

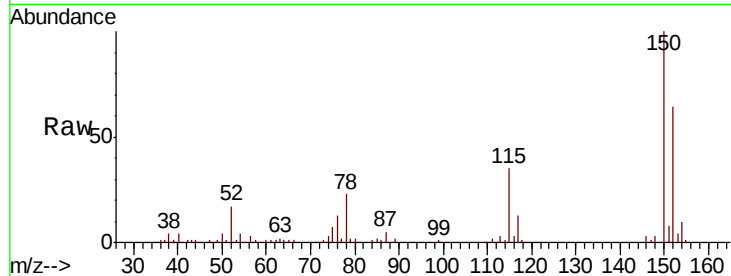


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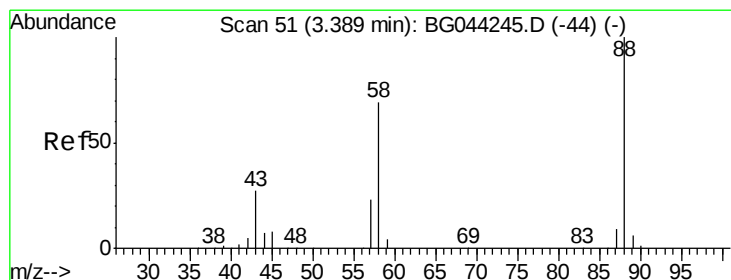
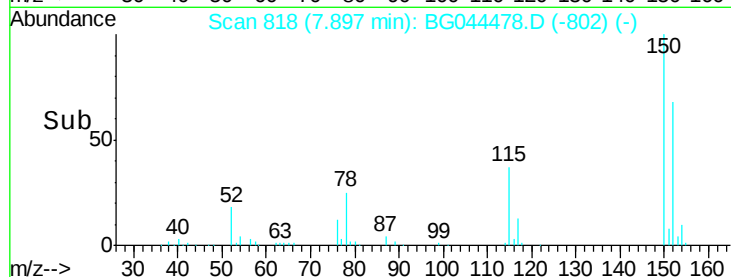
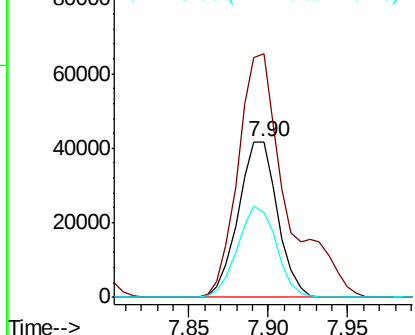
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 71521
Ion Ratio Lower Upper
152 100
150 156.8 122.6 183.8
115 55.0 46.0 69.0



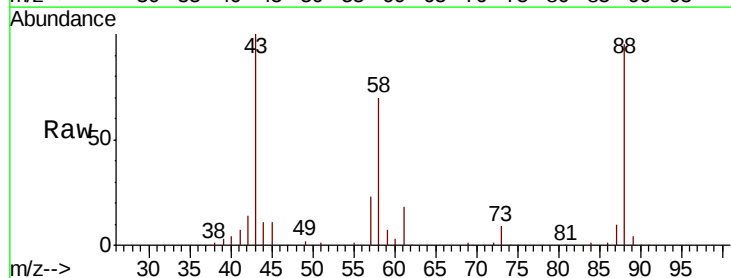
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



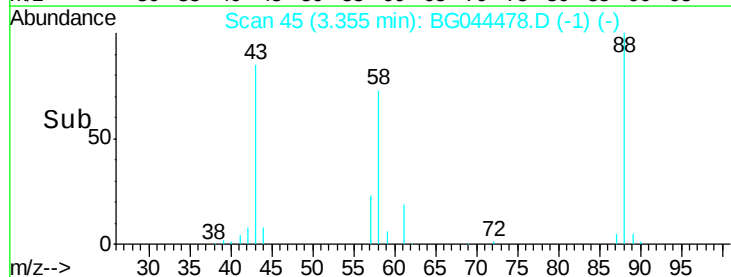
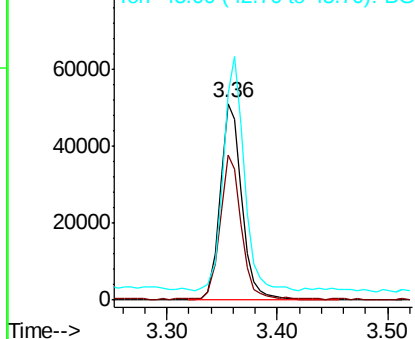
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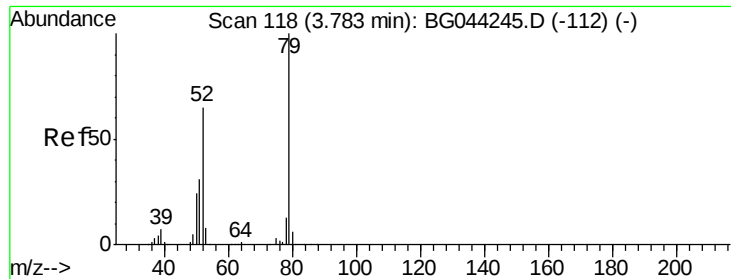
1,4-Dioxane
Concen: 38.435 ng
RT: 3.36 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion: 88 Resp: 69981
Ion Ratio Lower Upper
88 100
58 70.8 55.8 83.6
43 114.2 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: 34.735 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampled :

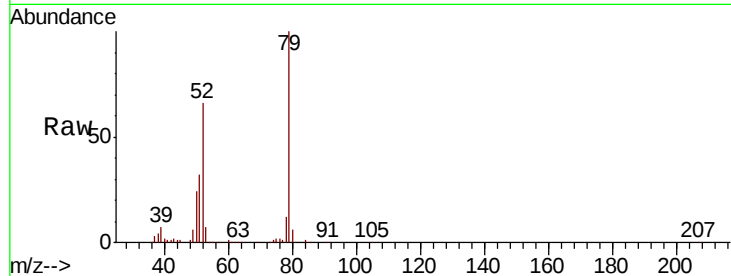
Tot Ion: 79 Resp: 168501

Ion Ratio Lower Upper

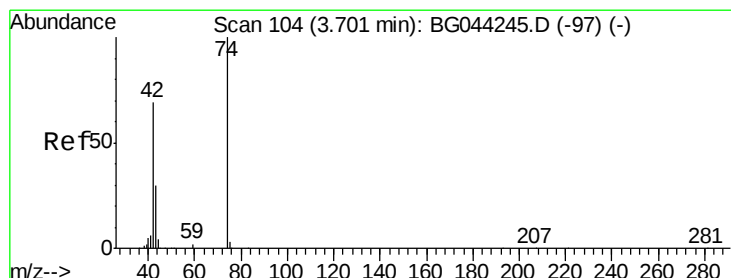
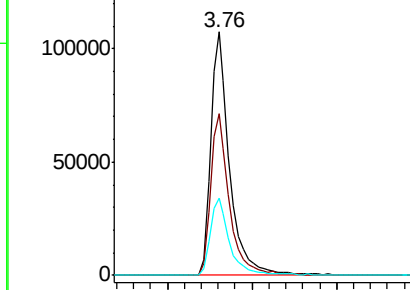
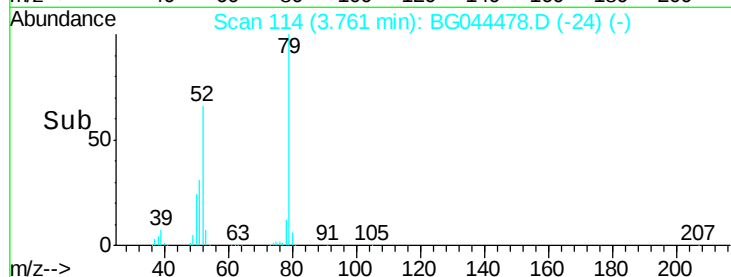
79 100

52 66.3 51.9 77.9

51 31.6 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: 43.722 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

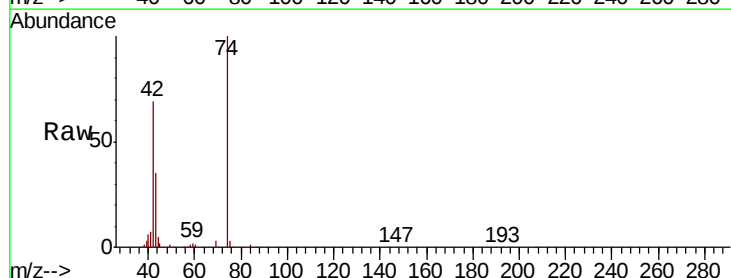
Tgt Ion: 42 Resp: 88628

Ion Ratio Lower Upper

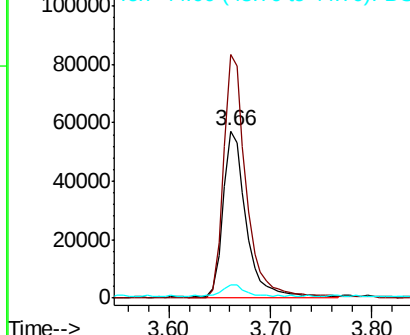
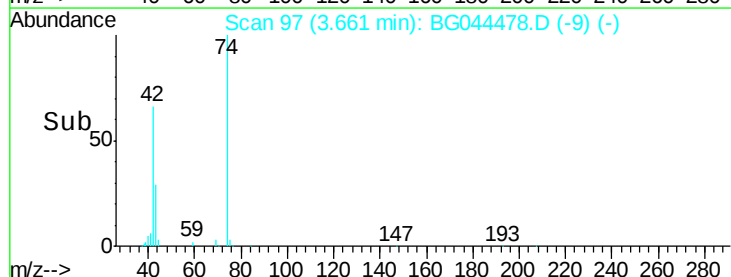
42 100

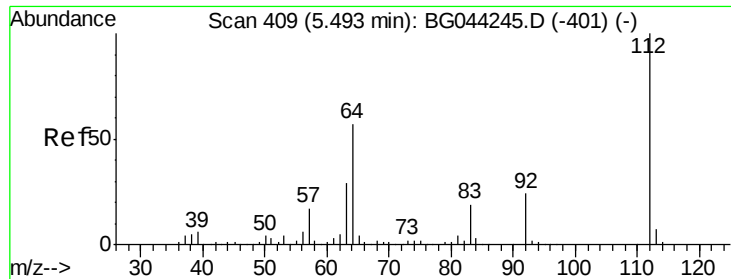
74 145.8 115.1 172.7

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: 133.512 ng

RT: 5.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

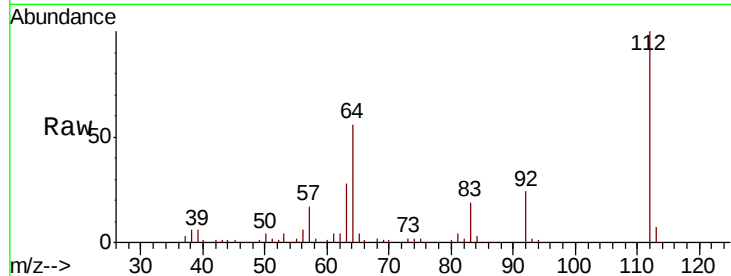
Tot Ion:112 Resp: 541062

Ion Ratio Lower Upper

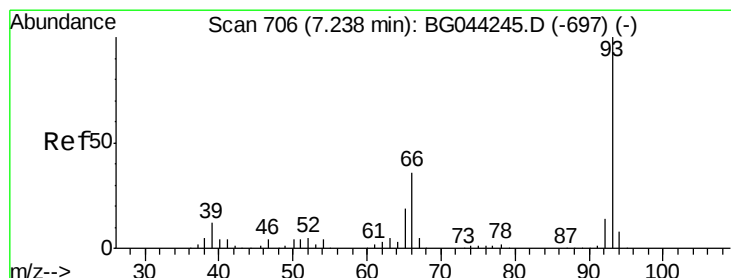
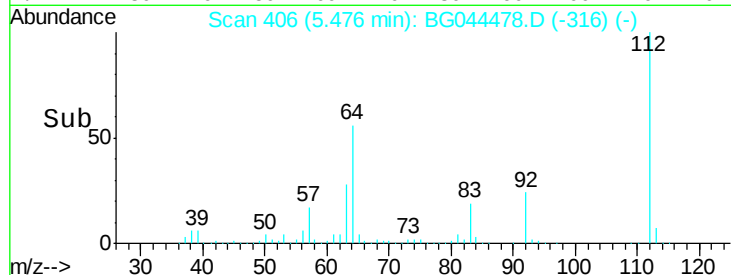
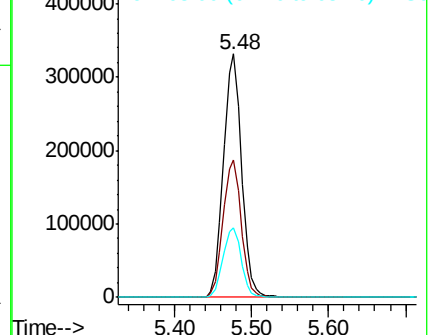
112 100

64 56.4 45.4 68.2

63 28.4 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: 11.721 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

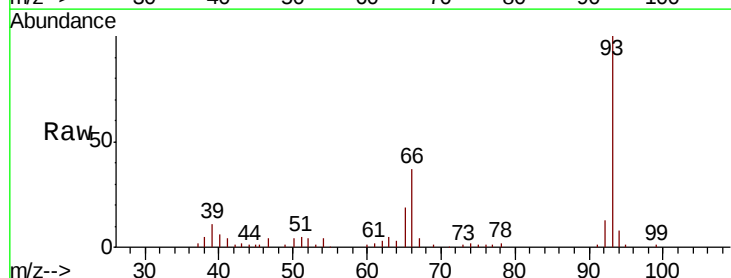
Tgt Ion: 93 Resp: 79172

Ion Ratio Lower Upper

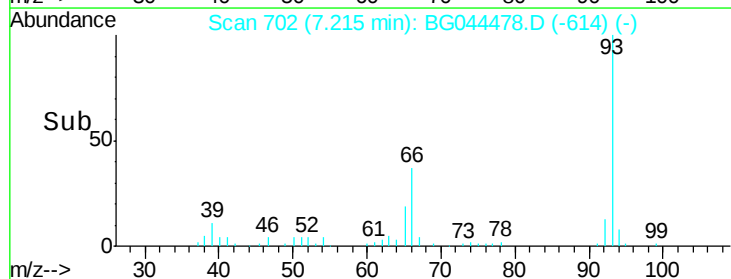
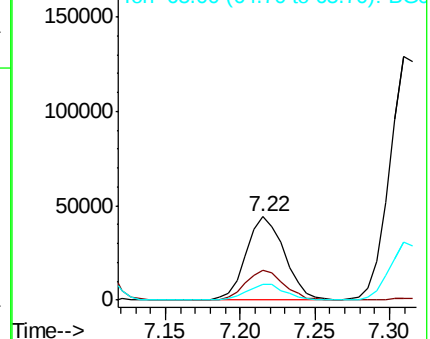
93 100

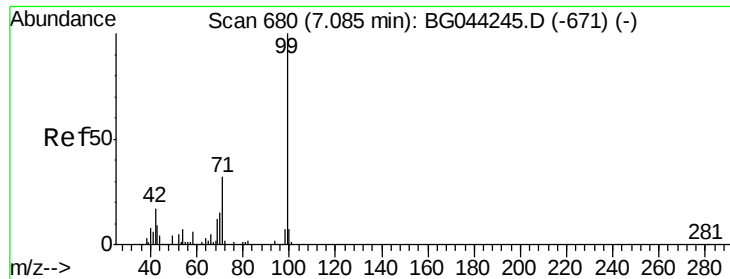
66 36.6 28.7 43.1

65 19.2 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: 118.614 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampled :

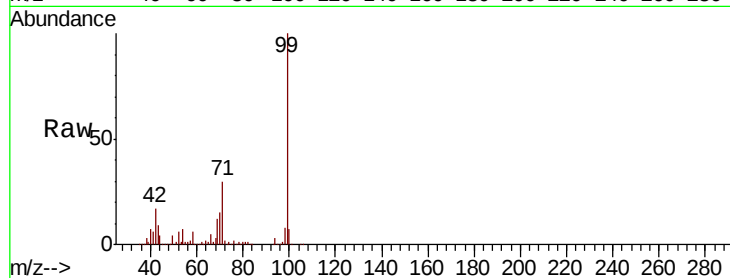
Tot Ion: 99 Resp: 645492

Ion Ratio Lower Upper

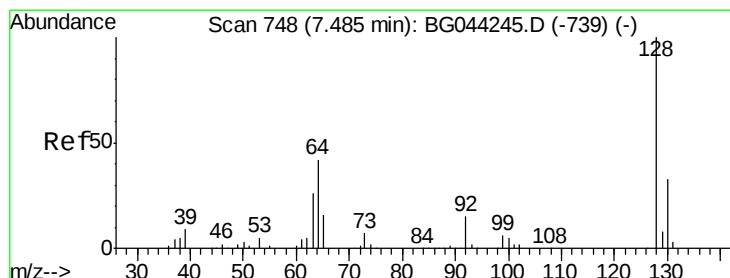
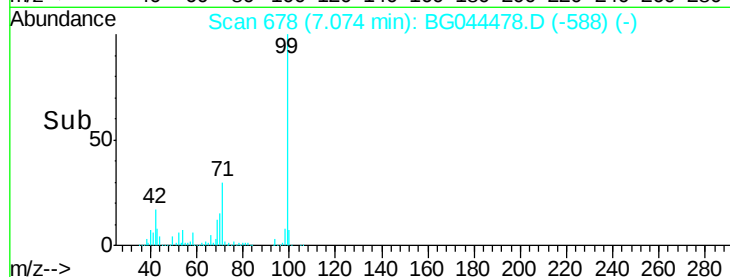
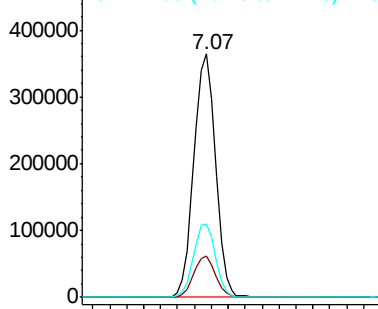
99 100

42 16.8 13.8 20.6

71 30.3 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: 52.023 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

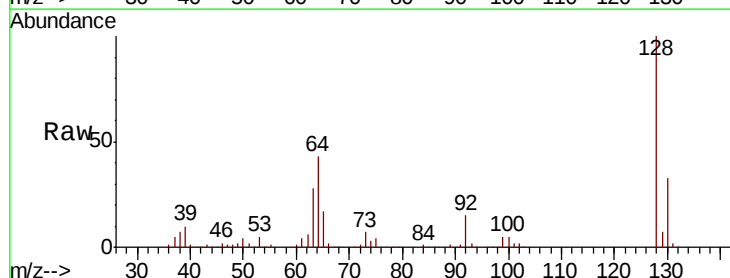
Tgt Ion: 128 Resp: 231705

Ion Ratio Lower Upper

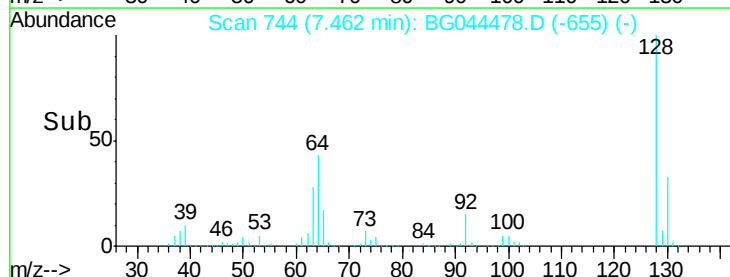
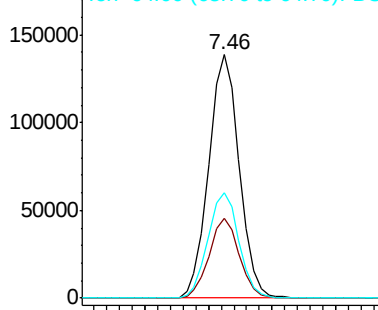
128 100

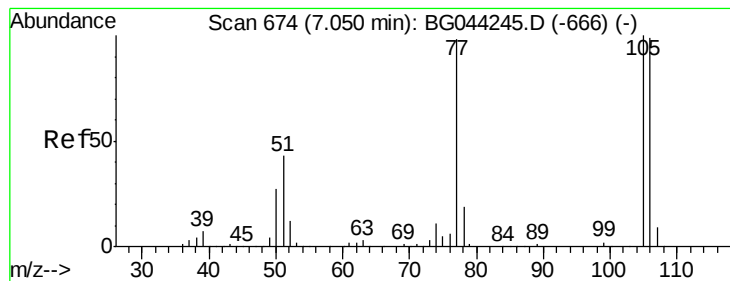
130 32.7 12.5 52.5

64 43.2 24.2 64.2



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





#9

Benzaldehyde

Concen: 34.253 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

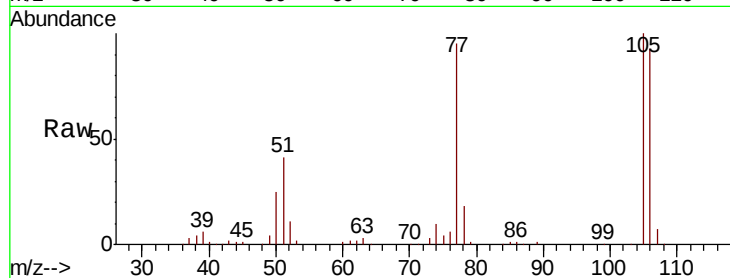
Tot Ion: 77 Resp: 106162

Ion Ratio Lower Upper

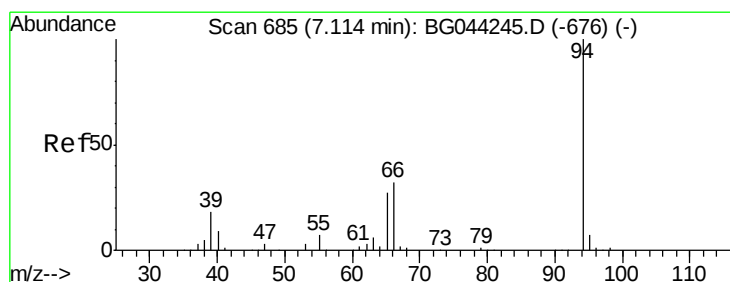
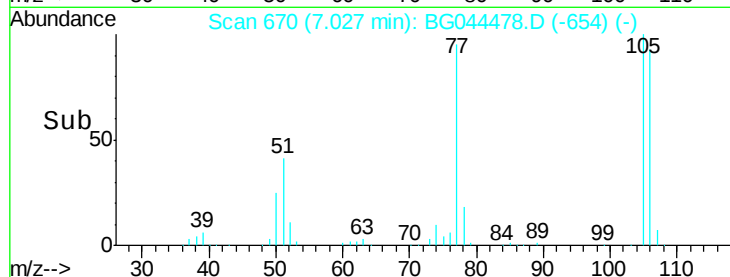
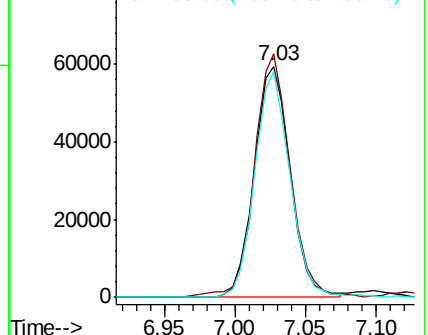
77 100

105 105.3 82.0 122.0

106 97.5 80.7 120.7



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



#10

Phenol

Concen: 44.299 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

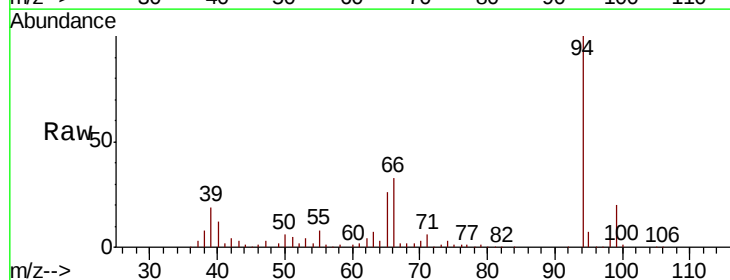
Tgt Ion: 94 Resp: 238580

Ion Ratio Lower Upper

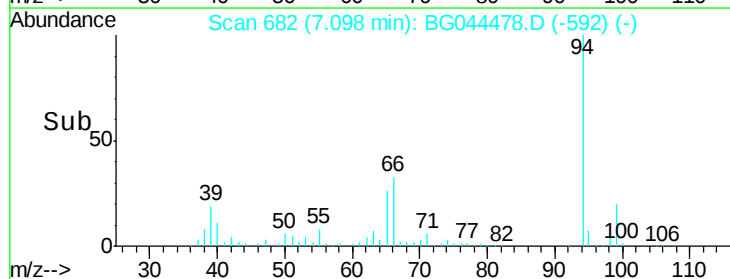
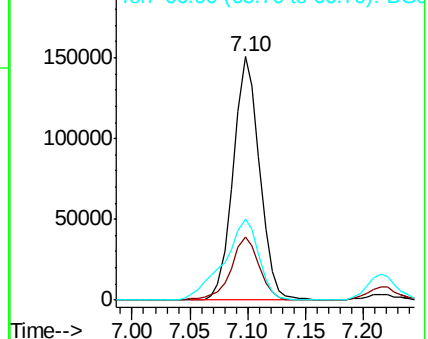
94 100

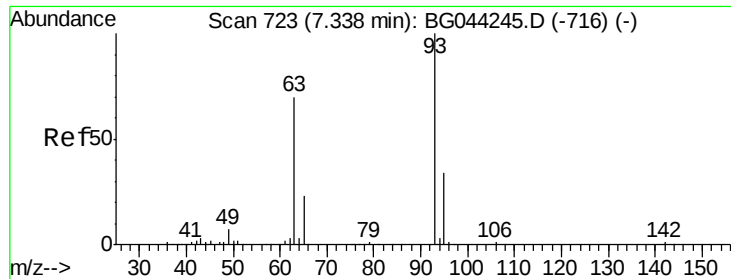
65 25.9 7.0 47.0

66 33.5 12.7 52.7



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

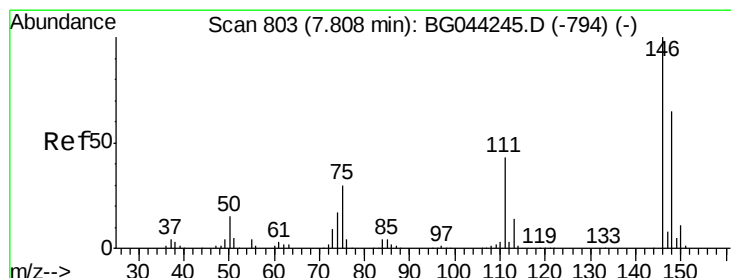
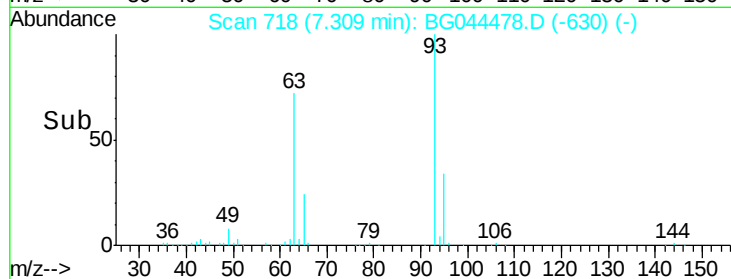
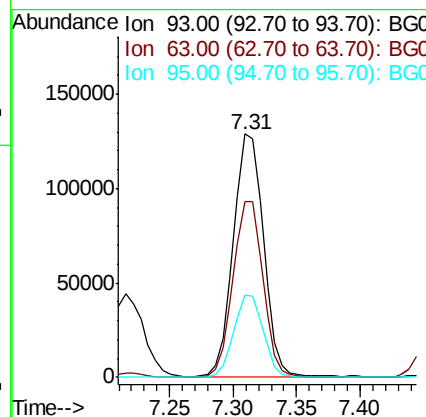
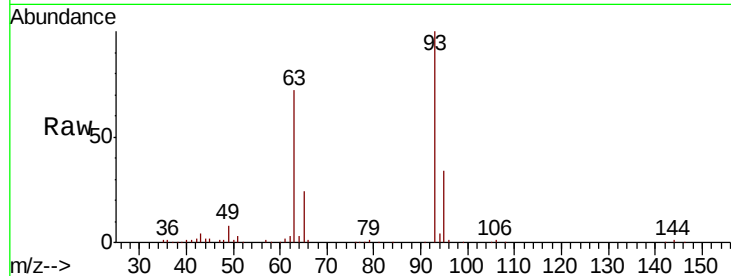




#11
bis(2-Chloroethyl)ether
Concen: 45.809 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

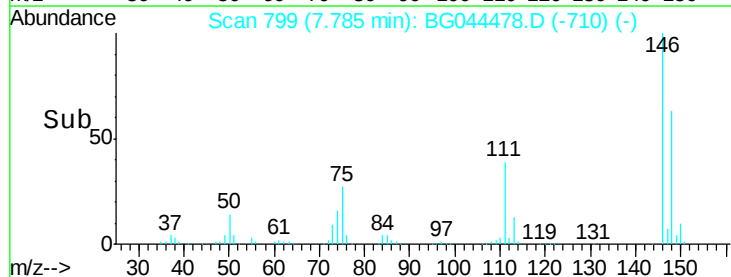
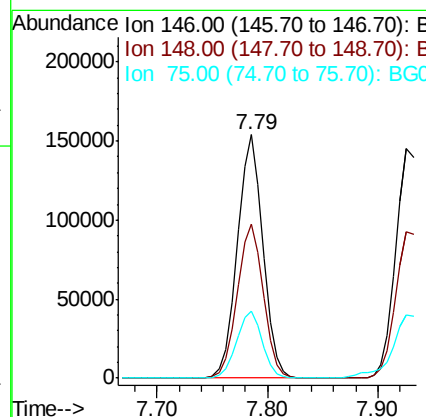
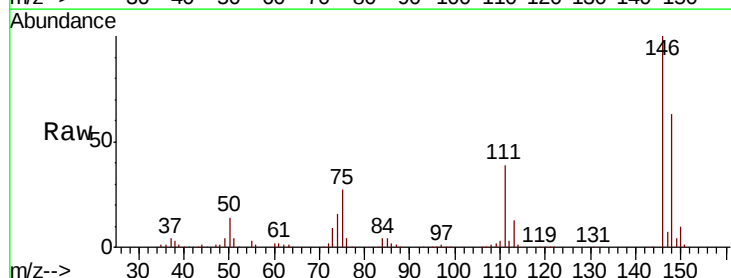
Instrument :
BNA_G
ClientSampleId :

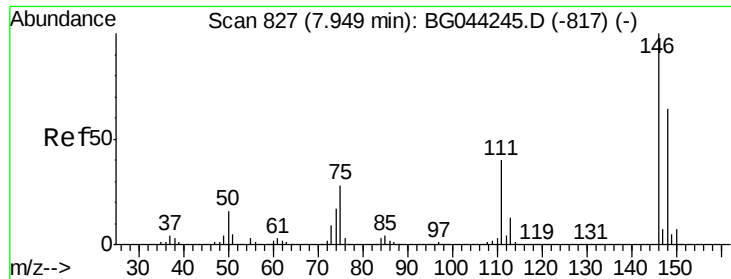
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.1	49.2	89.2
95	33.8	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 47.004 ng
RT: 7.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	27.3	23.7	35.5

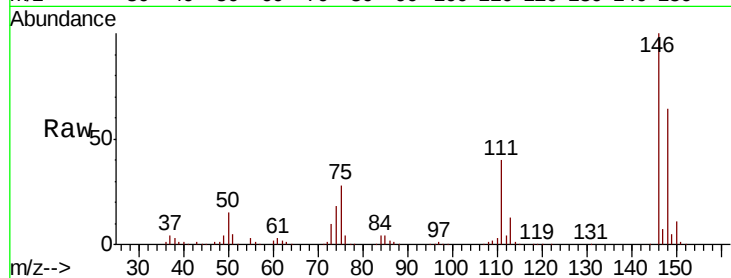




#13
 1,4-Dichlorobenzene
 Concen: 46.993 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	40.0	31.8	47.8

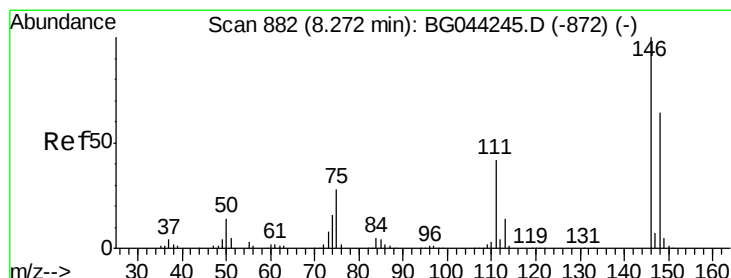
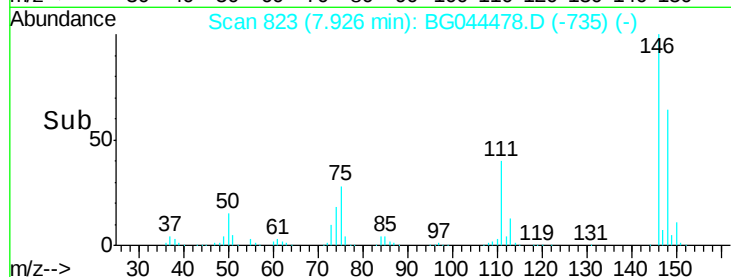
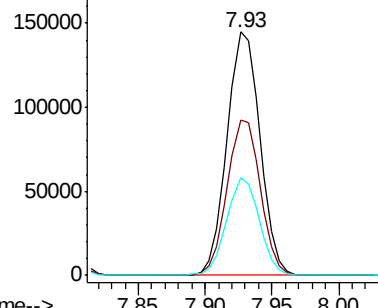


Abundance

Ion 146.00 (145.70 to 146.70): E

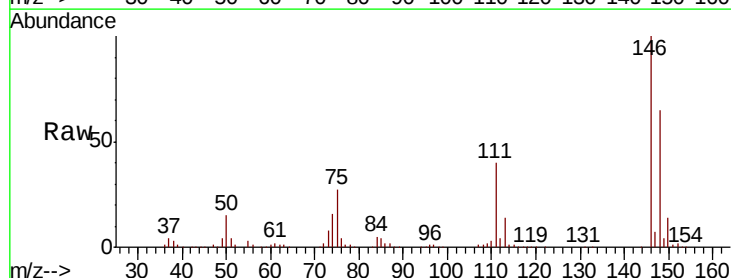
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 47.294 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	40.0	34.0	51.0

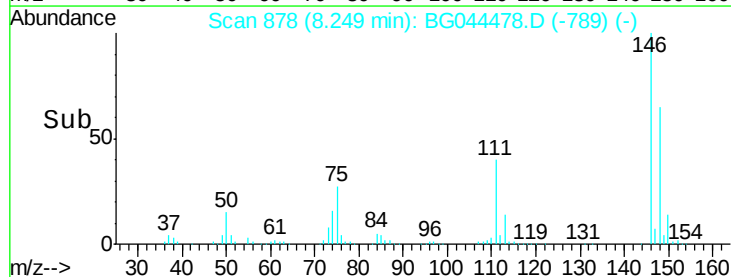
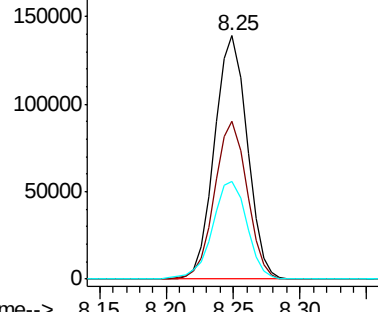


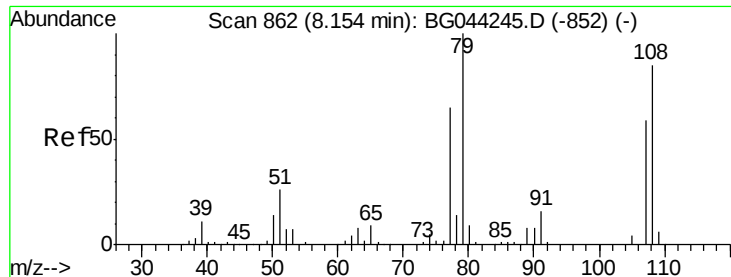
Abundance

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: 48.953 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampled :

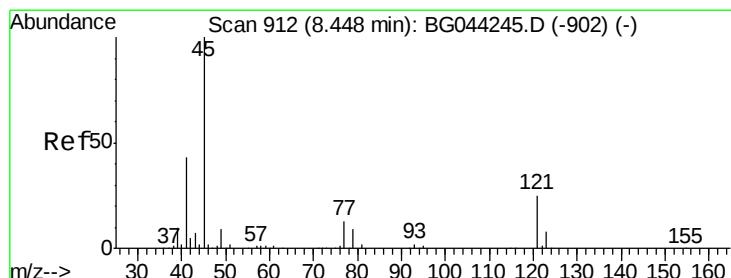
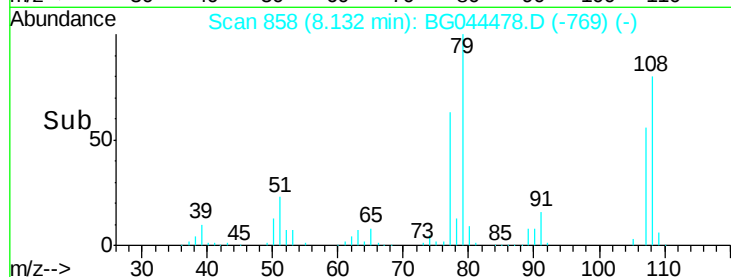
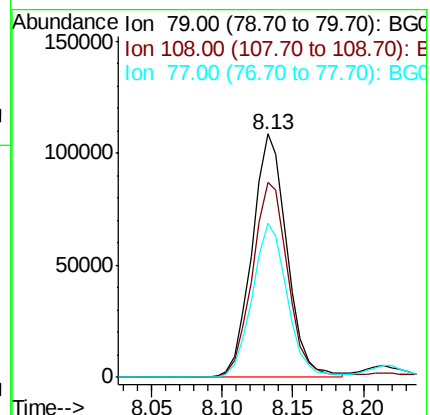
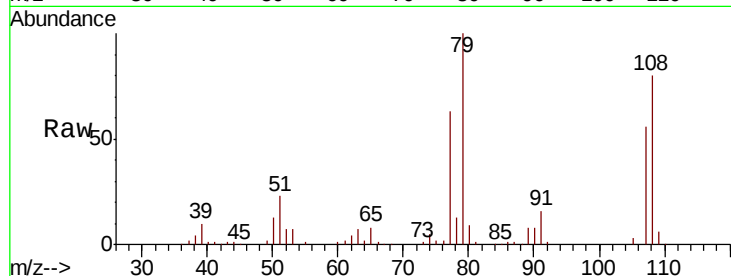
Tot Ion: 79 Resp: 188606

Ion Ratio Lower Upper

79 100

108 80.2 68.3 102.5

77 63.0 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.075 ng

RT: 8.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

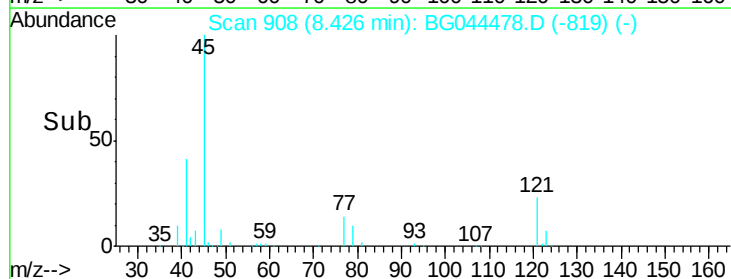
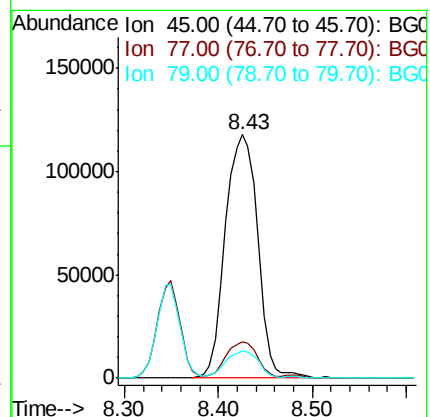
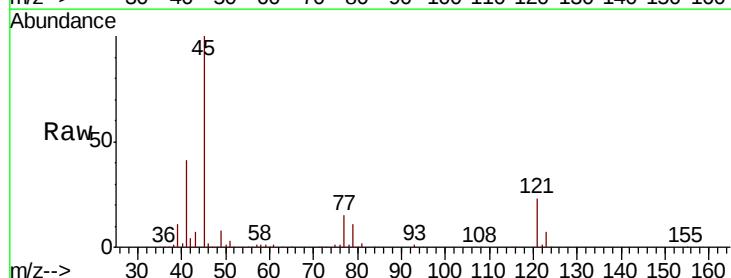
Tgt Ion: 45 Resp: 280909

Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.2

79 11.0 0.0 31.1

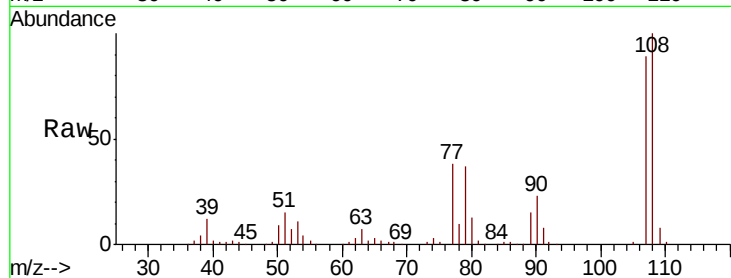




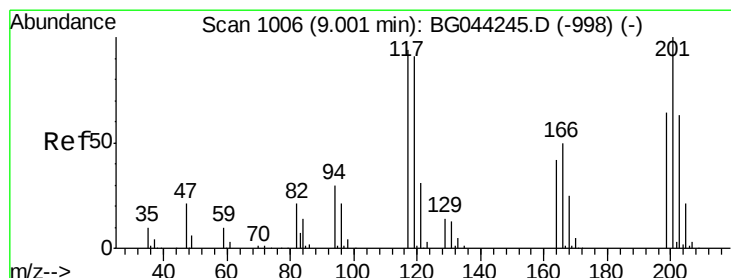
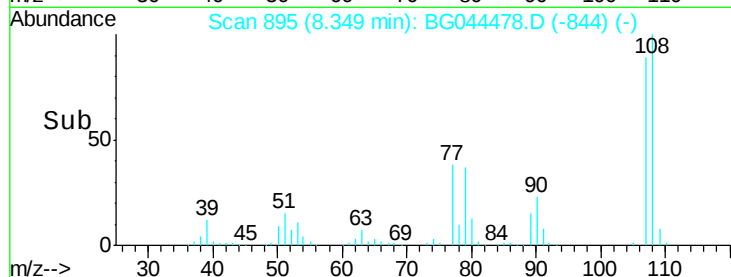
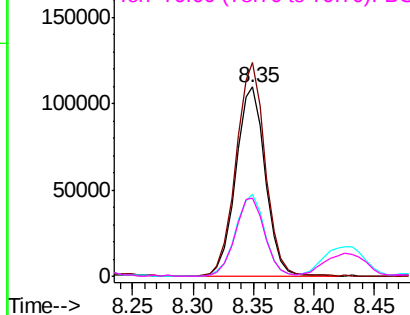
#17
2-Methylphenol
Concen: 48.720 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	187210
Ion	Ratio	Lower	Upper
107	100		
108	112.8	86.4	129.6
77	43.1	34.0	51.0
79	41.4	32.9	49.3

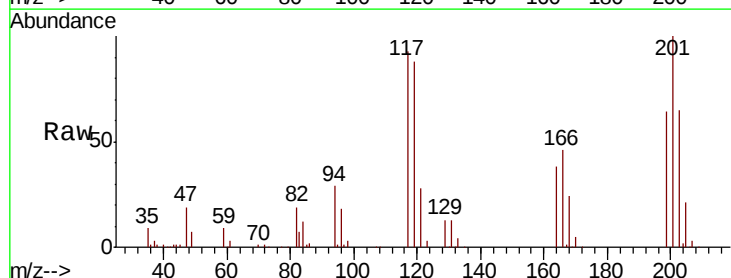


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

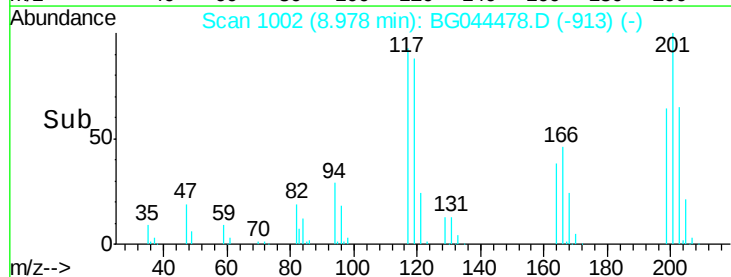
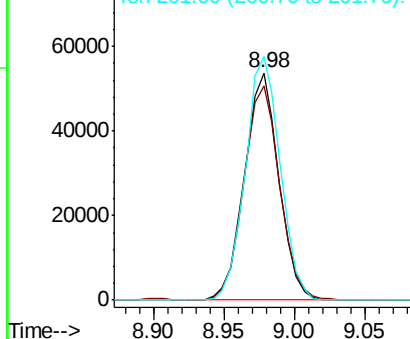


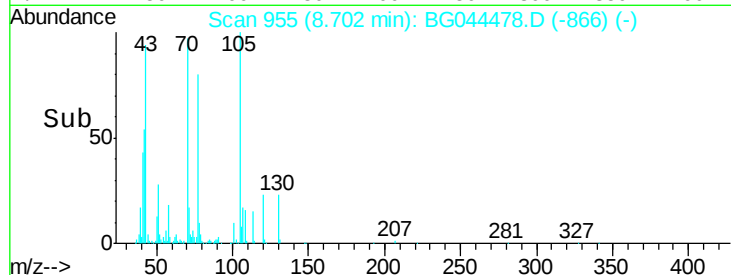
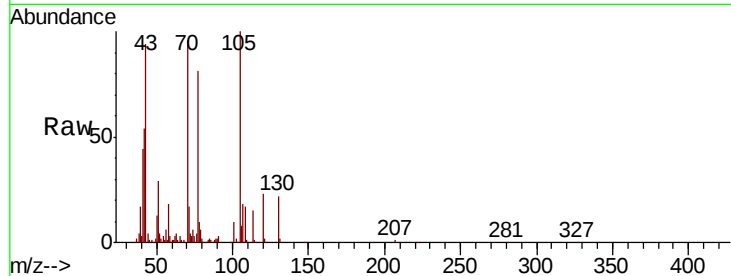
#18
Hexachloroethane
Concen: 46.441 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion:	117	Resp:	91786
Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.5	116.3
201	107.0	84.9	127.3



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

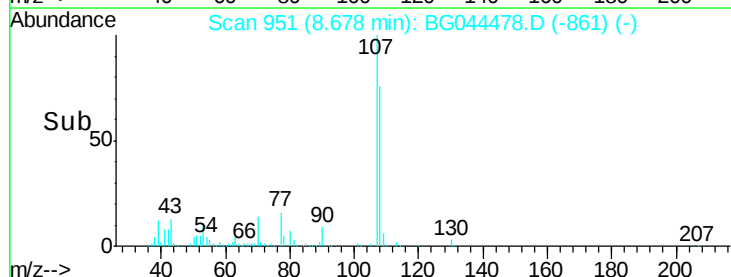
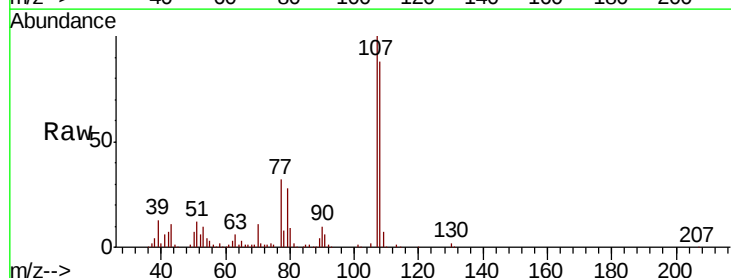
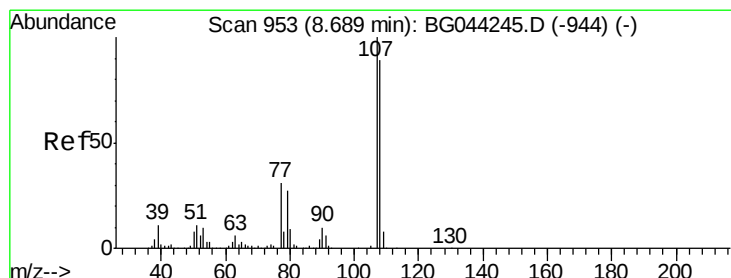
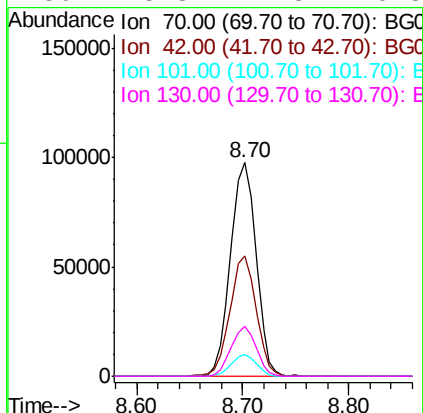




#19
n-Nitroso-di-n-propylamine
Concen: 45.133 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

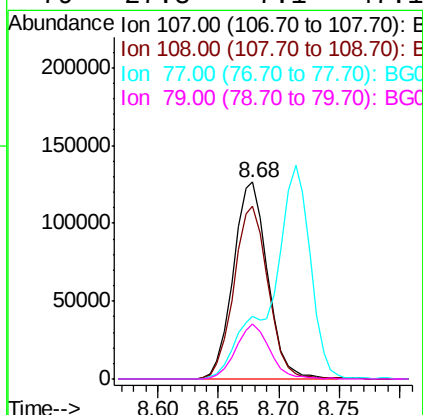
Instrument :
BNA_G
ClientSampled :

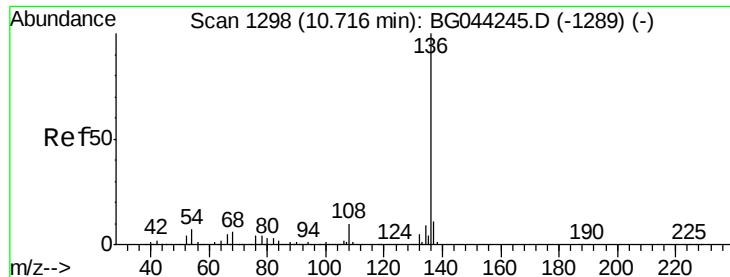
Tot Ion:	70	Resp:	163687
Ion	Ratio	Lower	Upper
70	100		
42	56.3	46.2	69.2
101	10.3	8.4	12.6
130	23.3	17.8	26.8



#20
3+4-Methylphenols
Concen: 47.269 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion:	107	Resp:	250320
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.5	108.5
77	31.7	10.9	50.9
79	27.8	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: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 294201

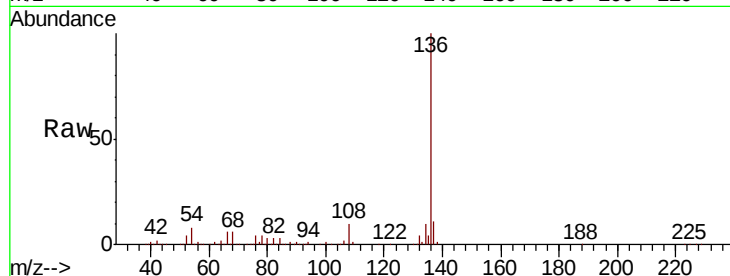
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.6 5.8 8.8

68 6.0 4.6 6.8

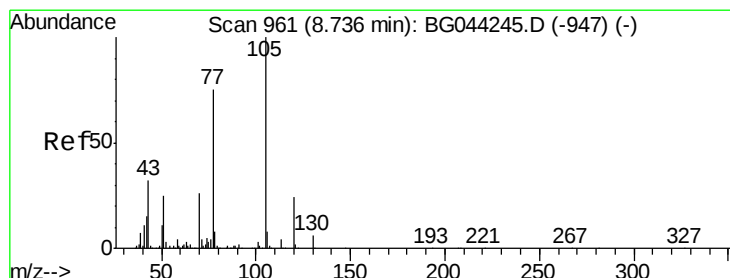
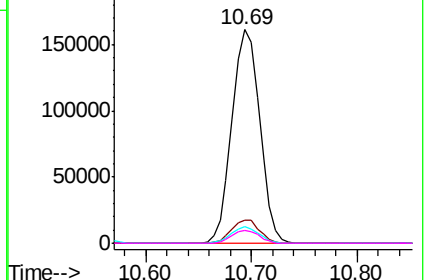
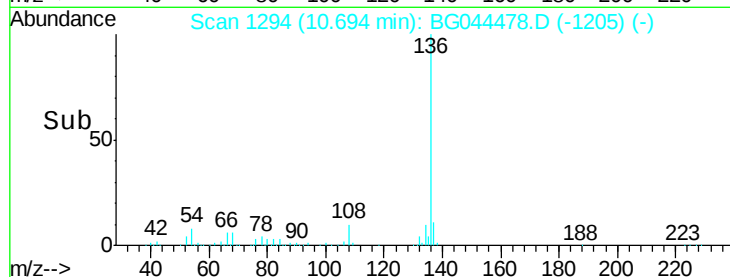


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.879 ng

RT: 8.71 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Tgt Ion:105 Resp: 314041

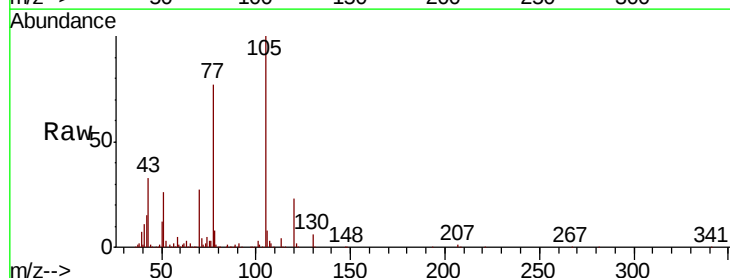
Ion Ratio Lower Upper

105 100

71 4.3 3.4 5.0

51 25.5 20.2 30.4

120 23.3 19.1 28.7

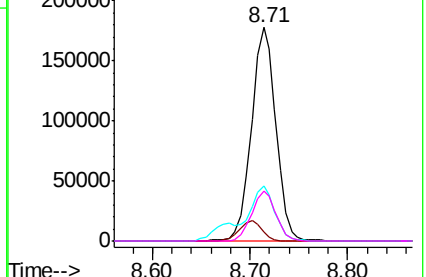
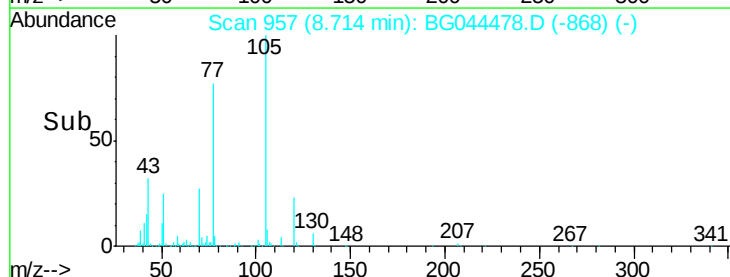


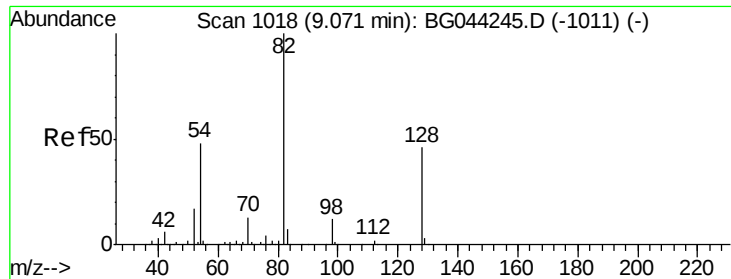
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

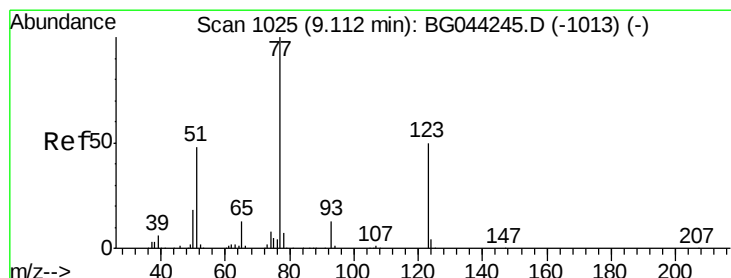
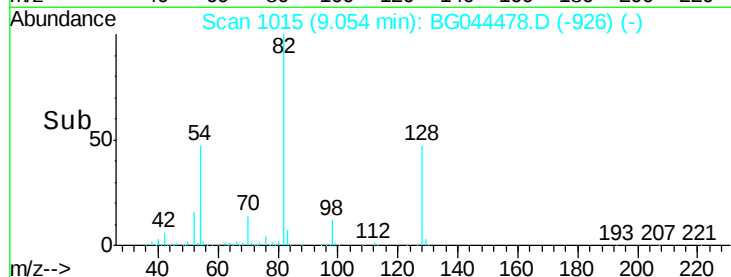
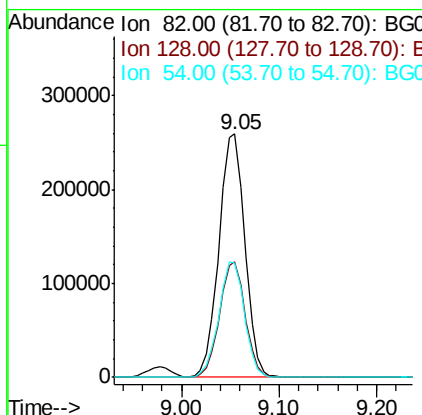
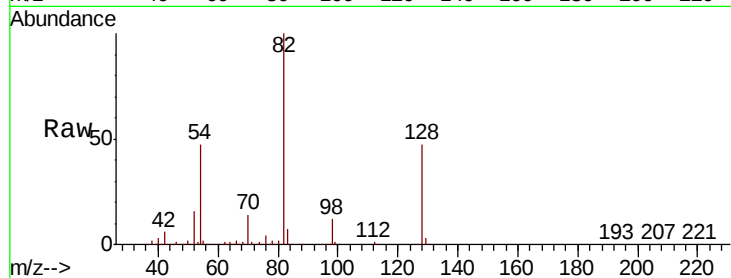




#23
Nitrobenzene-d5
Concen: 91.629 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

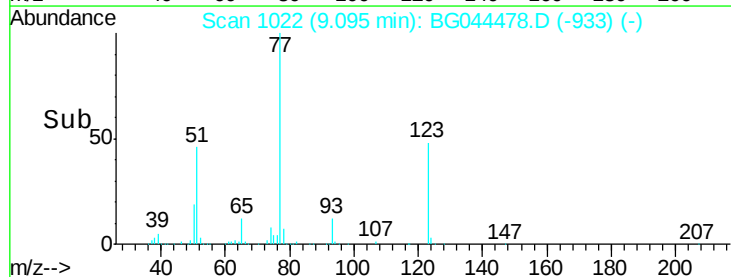
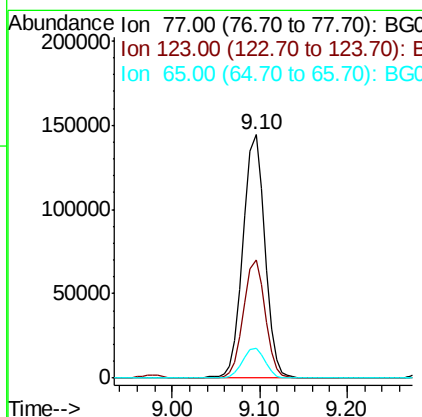
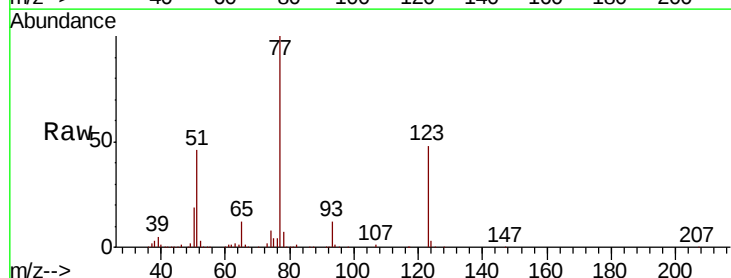
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	477489
Ion Ratio	Lower	Upper	
82	100		
128	47.4	36.5	54.7
54	46.8	38.6	58.0



#24
Nitrobenzene
Concen: 47.831 ng
RT: 9.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	77	Resp	243336
Ion Ratio	Lower	Upper	
77	100		
123	48.4	39.9	59.9
65	12.1	10.4	15.6





#25

Isophorone

Concen: 46.802 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

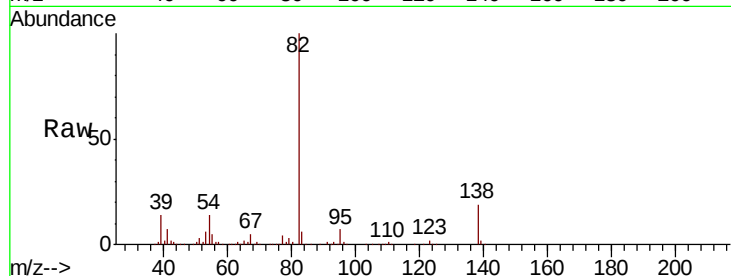
Tot Ion: 82 Resp: 454581

Ion Ratio Lower Upper

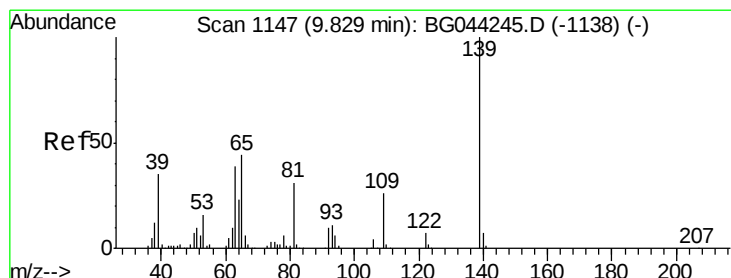
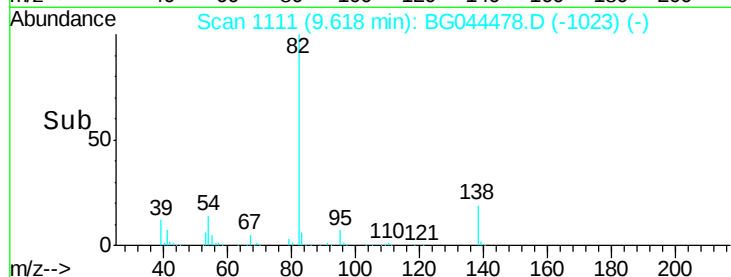
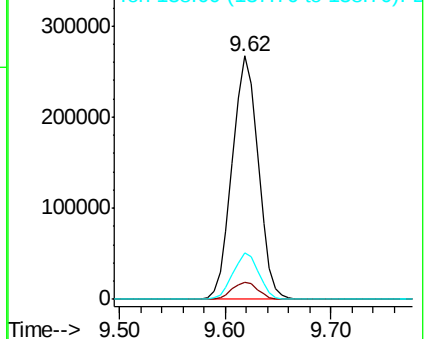
82 100

95 7.0 5.7 8.5

138 19.0 15.0 22.4



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



#26

2-Nitrophenol

Concen: 51.361 ng

RT: 9.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

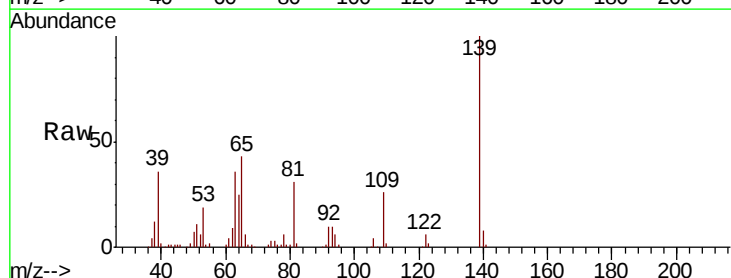
Tgt Ion: 139 Resp: 135580

Ion Ratio Lower Upper

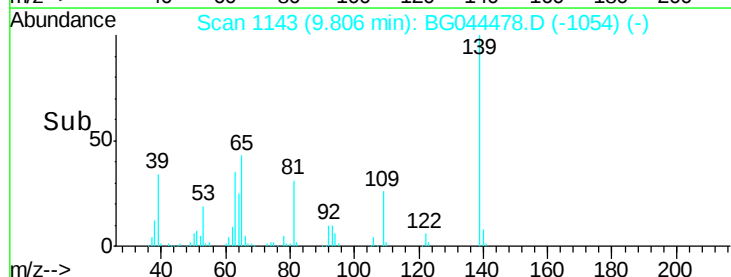
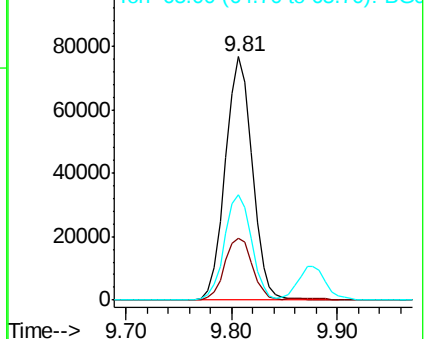
139 100

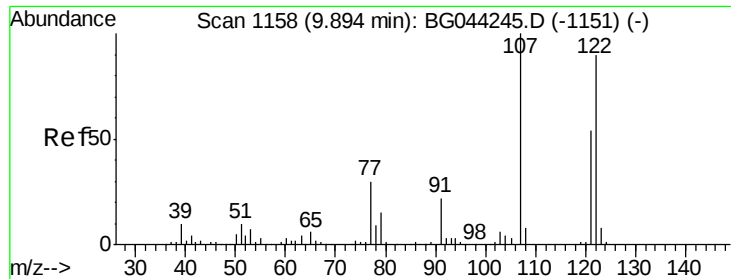
109 25.6 21.0 31.4

65 43.4 35.0 52.4



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

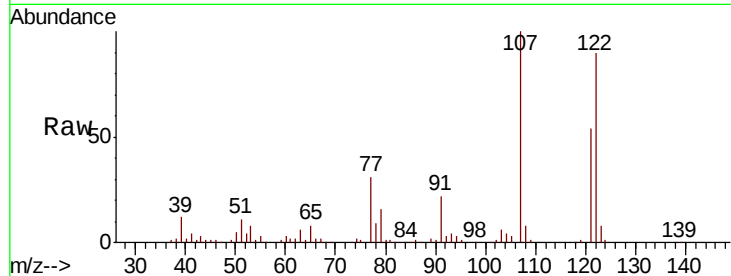




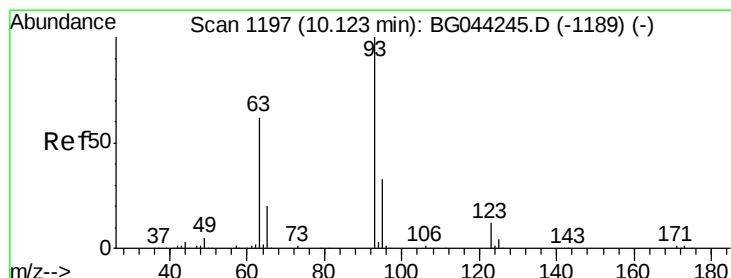
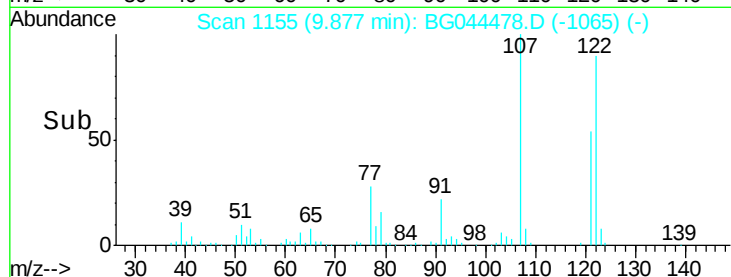
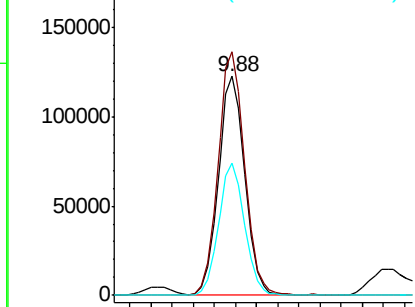
#27
 2,4-Dimethylphenol
 Concen: 56.780 ng
 RT: 9.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 211580
 Ion Ratio Lower Upper
 122 100
 107 111.1 88.8 133.2
 121 60.4 48.3 72.5

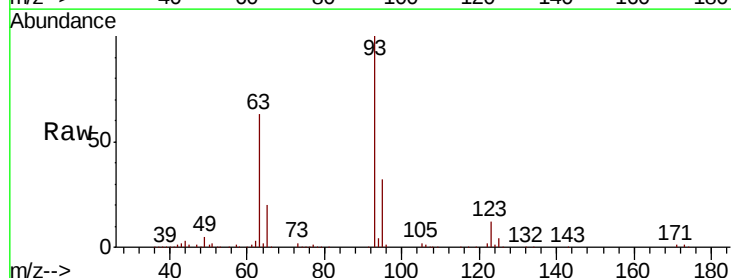


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

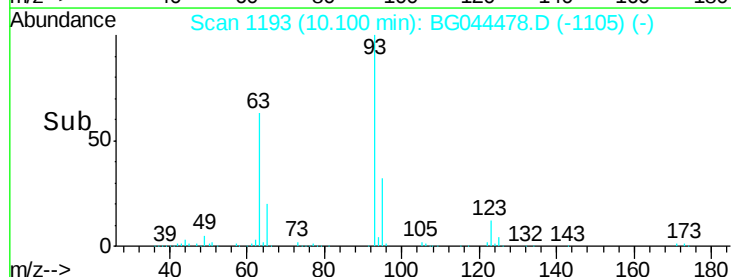
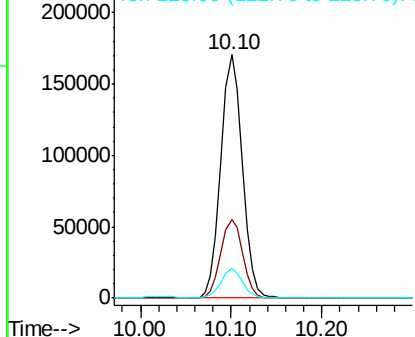


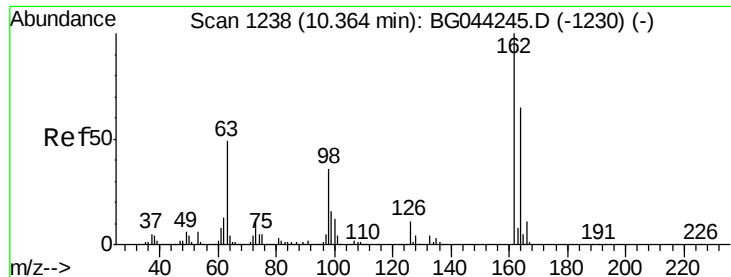
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.559 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion: 93 Resp: 282240
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.6 40.0
 123 12.2 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

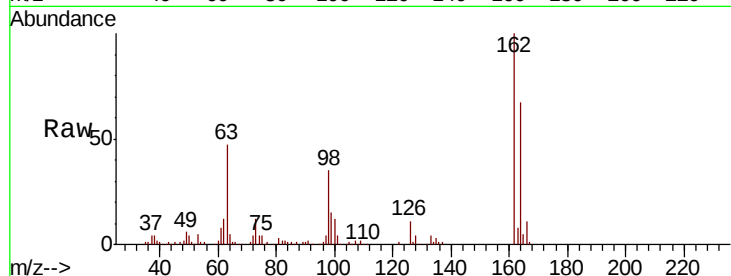




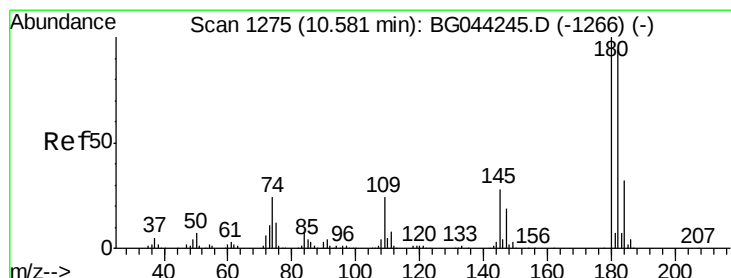
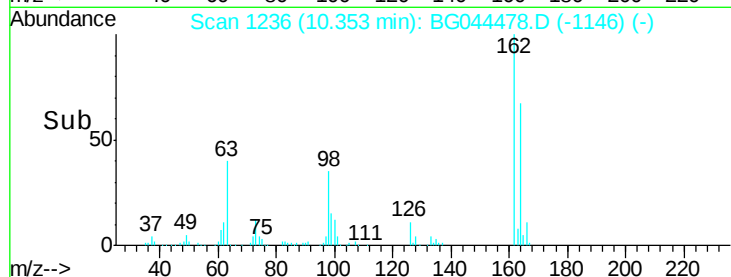
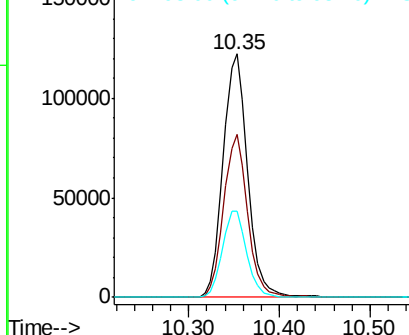
#29
2,4-Dichlorophenol
Concen: 51.009 ng
RT: 10.35 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	44.7	84.7
98	35.2	15.8	55.8

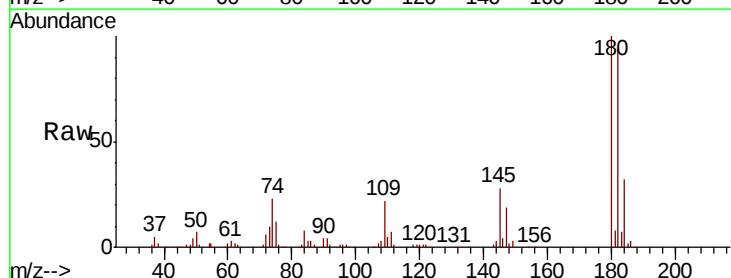


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

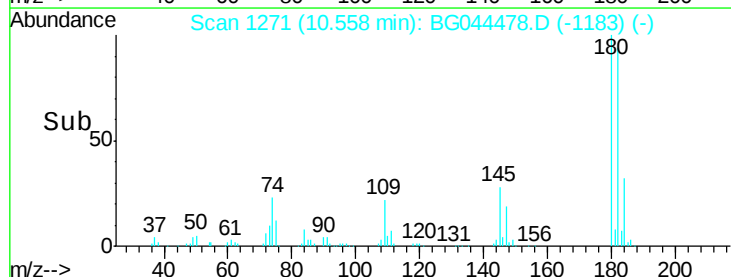
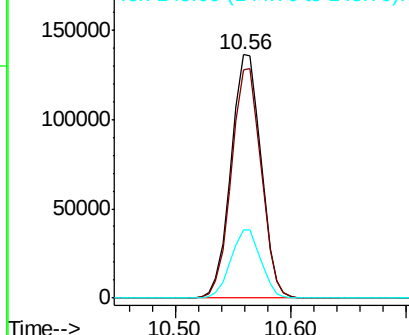


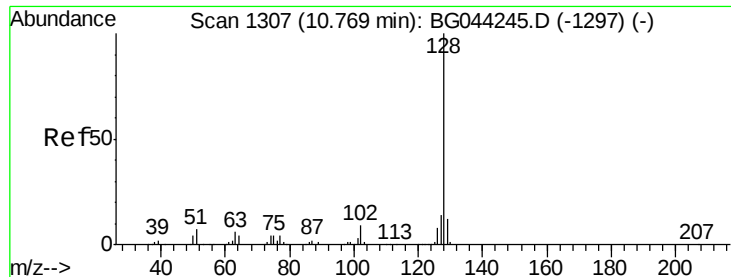
#30
1,2,4-Trichlorobenzene
Concen: 47.526 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.5	113.3
145	27.9	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

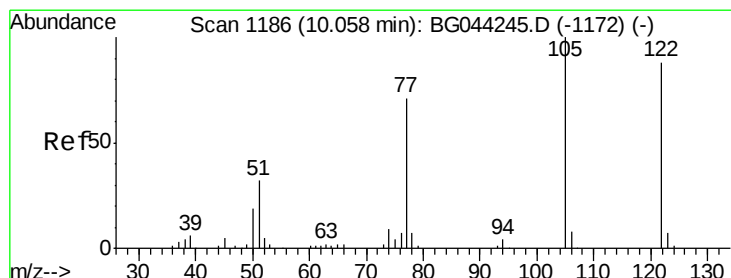
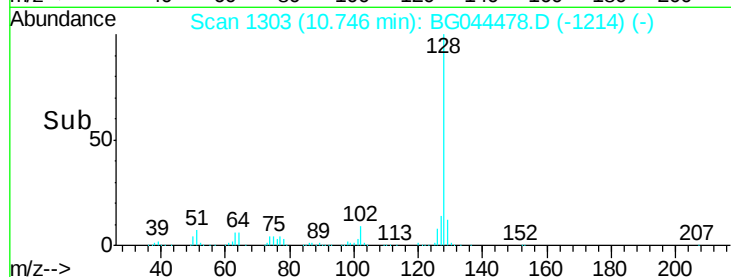
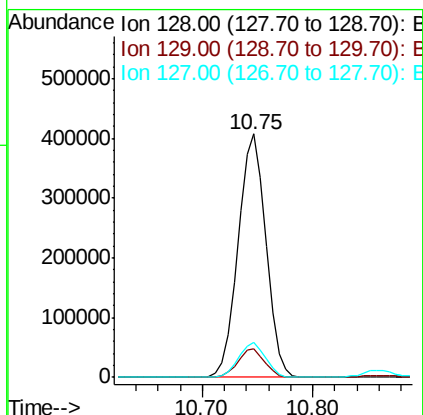
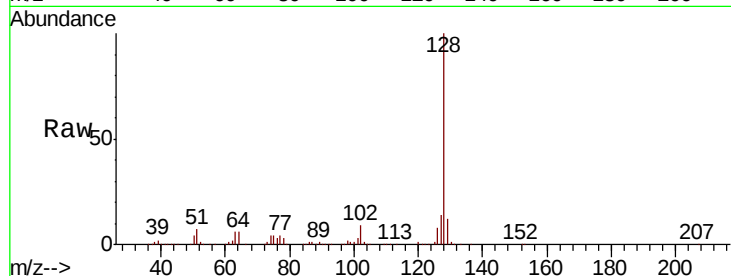




#31
Naphthalene
Concen: 50.509 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

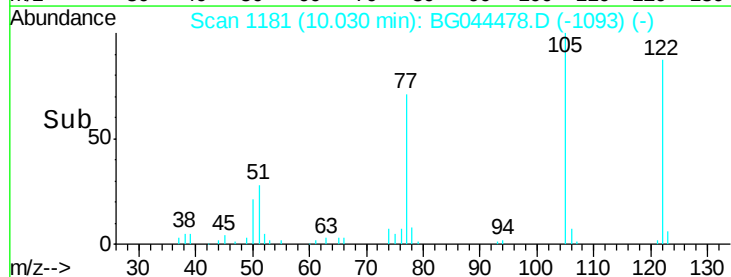
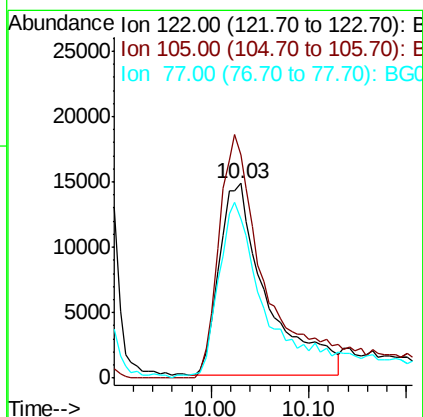
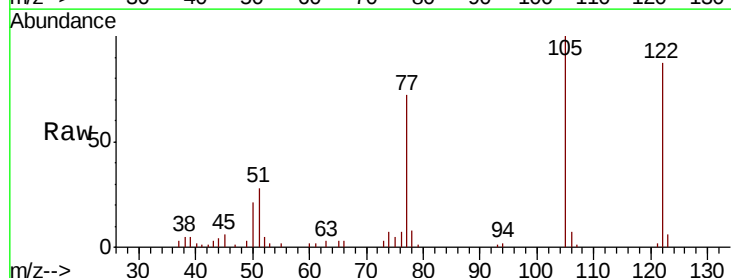
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 720952
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 28.469 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion:122 Resp: 49794
Ion Ratio Lower Upper
122 100
105 114.3 93.5 133.5
77 81.9 61.0 101.0

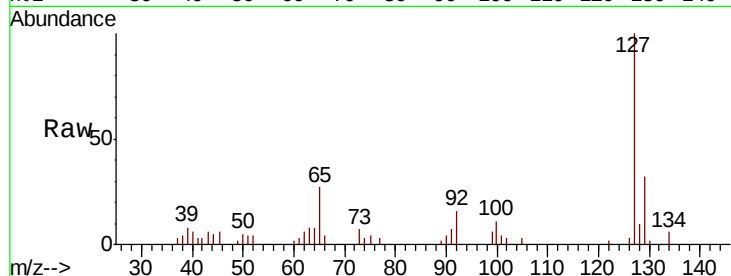




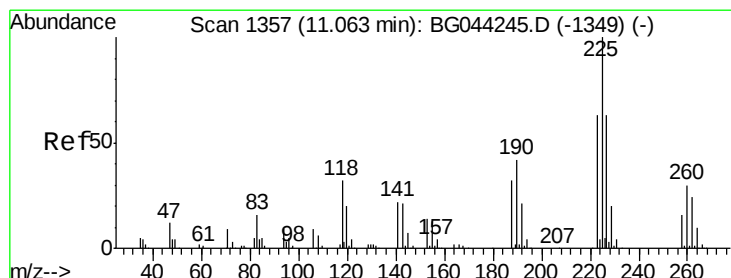
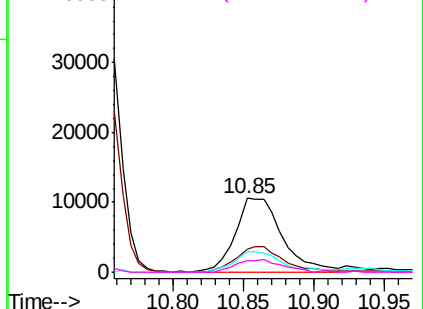
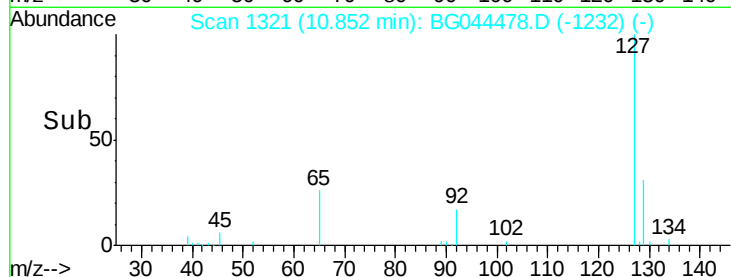
#33
4-Chloroaniline
Concen: 3.830 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	24866
Ion	Ratio	Lower Upper
127	100	
129	32.1	26.6 40.0
65	27.2	22.5 33.7
92	15.9	14.1 21.1

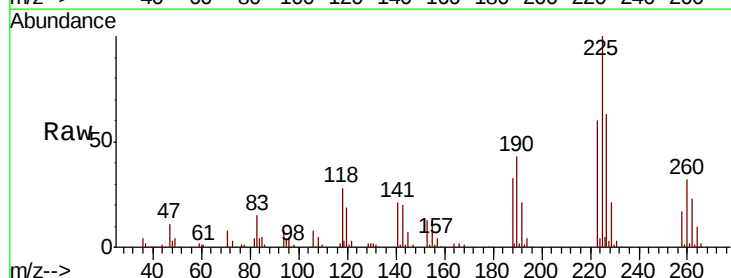


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

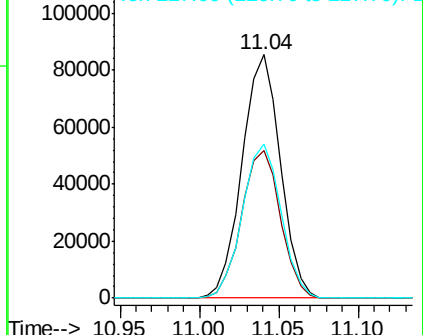
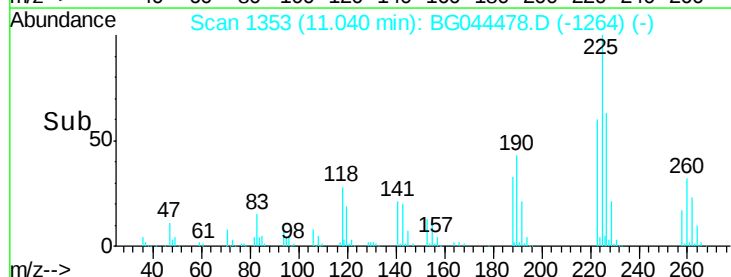


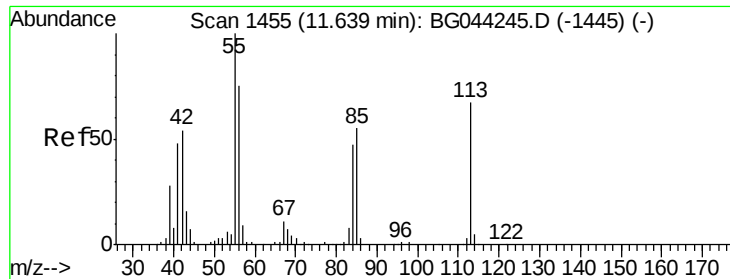
#34
Hexachlorobutadiene
Concen: 45.235 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion:225	Resp:	143805
Ion	Ratio	Lower Upper
225	100	
223	60.4	50.2 75.4
227	63.4	50.8 76.2



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





#35

Caprolactam

Concen: 26.959 ng

RT: 11.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampled :

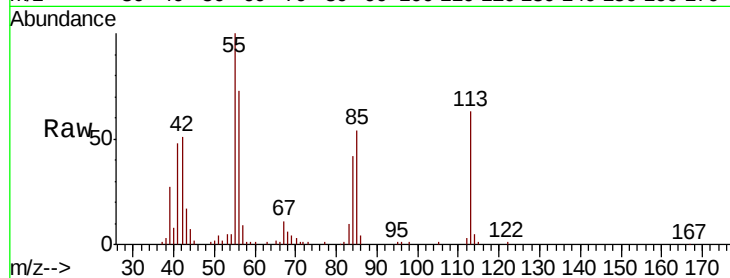
Tot Ion:113 Resp: 44496

Ion Ratio Lower Upper

113 100

55 158.9 129.9 169.9

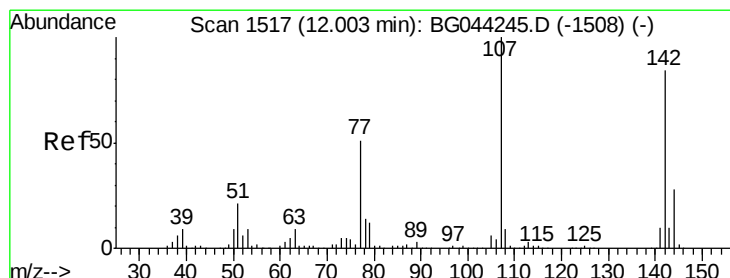
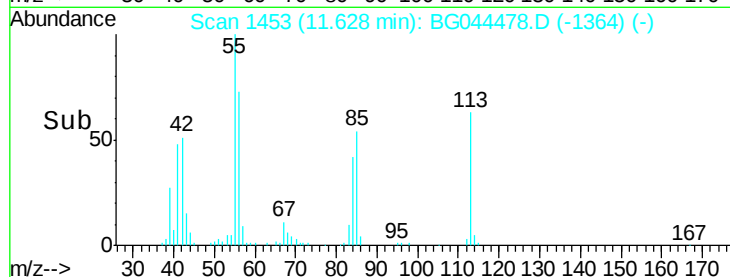
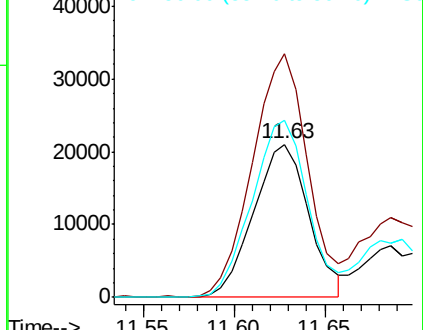
56 115.5 92.5 132.5



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: 51.944 ng

RT: 11.99 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

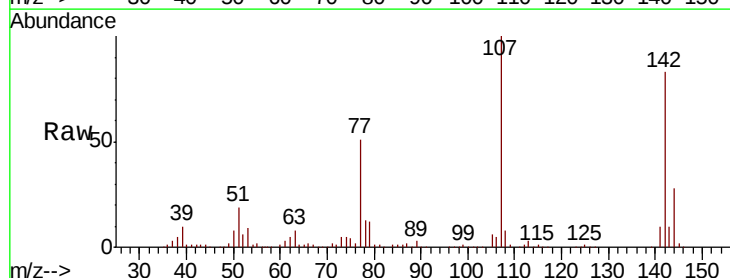
Tgt Ion:107 Resp: 245388

Ion Ratio Lower Upper

107 100

144 27.6 22.2 33.4

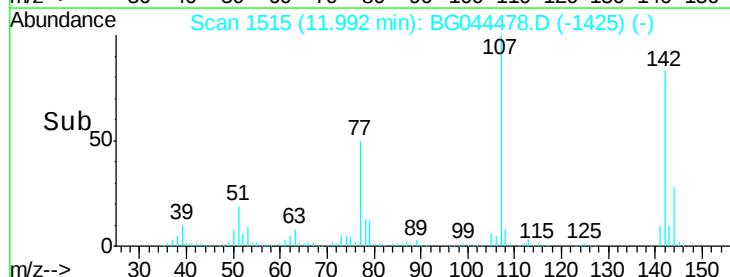
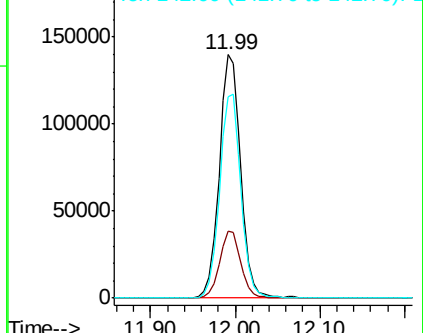
142 82.8 67.4 101.0

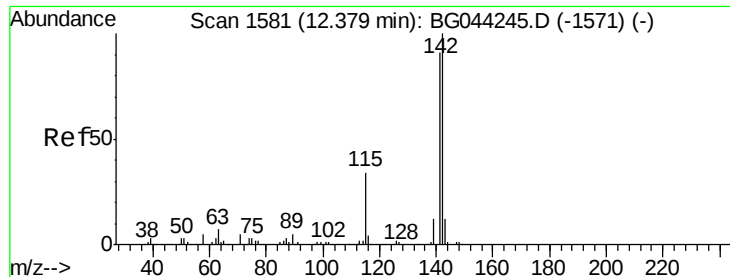


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

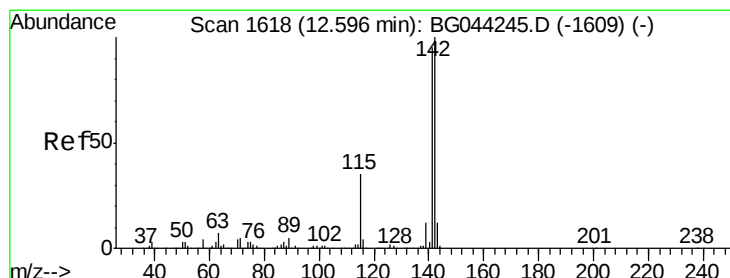
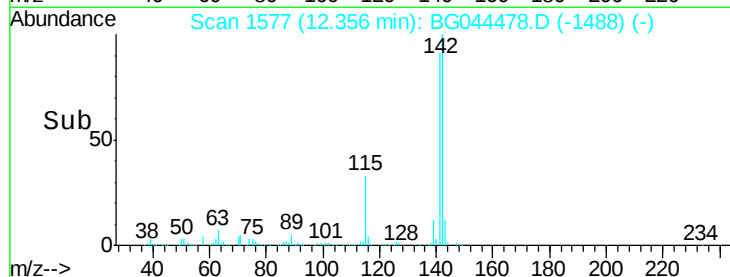
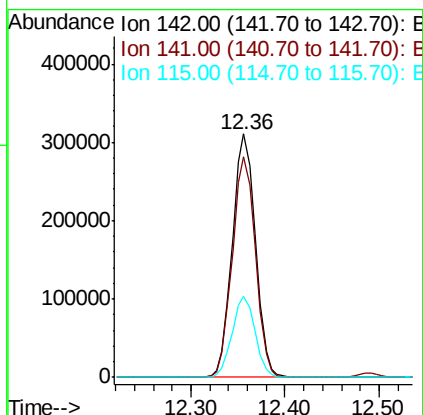
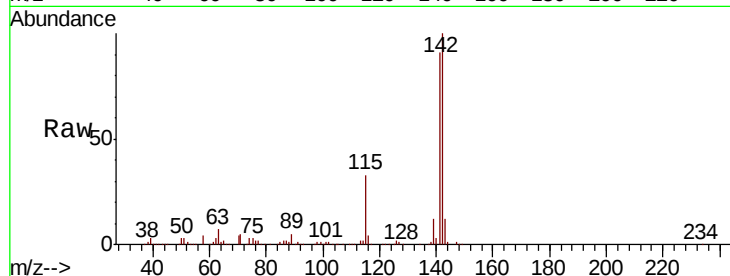




#37
2-Methylnaphthalene
Concen: 50.079 ng
RT: 12.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

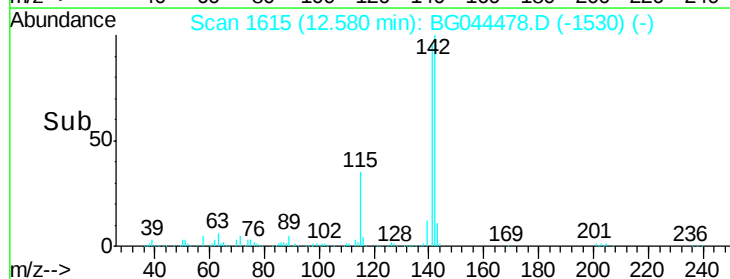
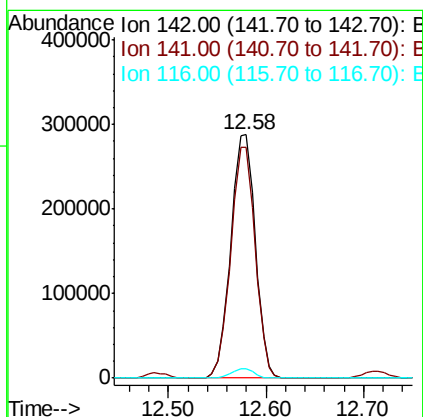
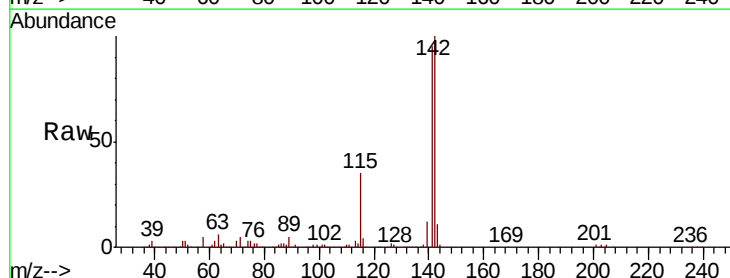
Instrument :
BNA_G
ClientSampleId :

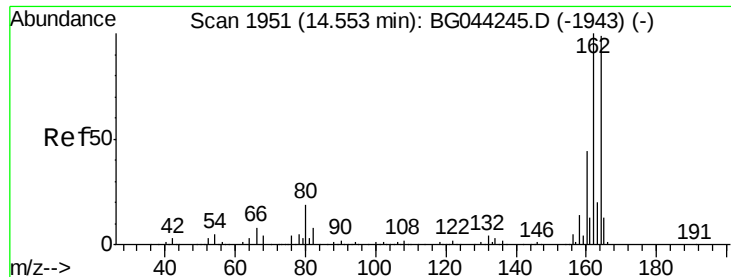
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.2	109.8
115	33.3	27.1	40.7



#38
1-Methylnaphthalene
Concen: 50.397 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.8	113.6
116	3.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

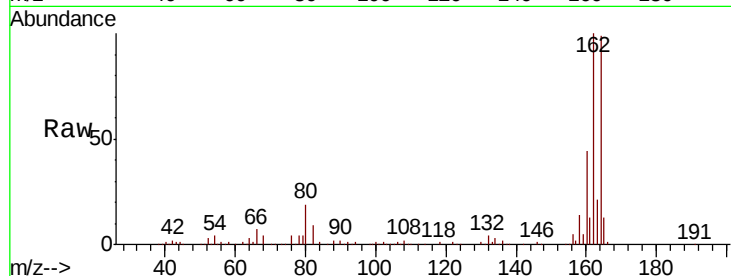
Tot Ion:164 Resp: 197161

Ion Ratio Lower Upper

164 100

162 101.3 80.7 121.1

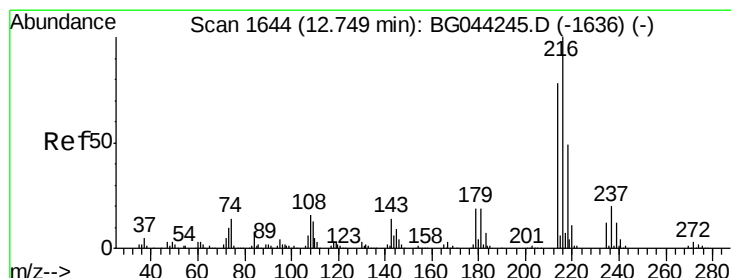
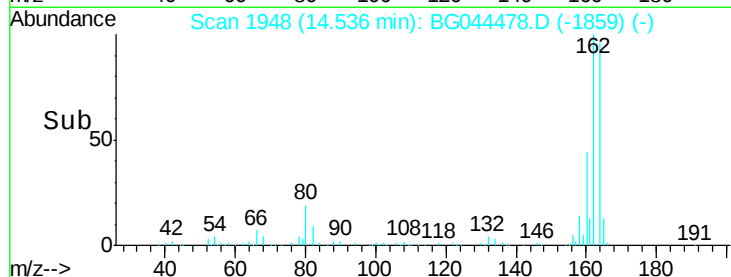
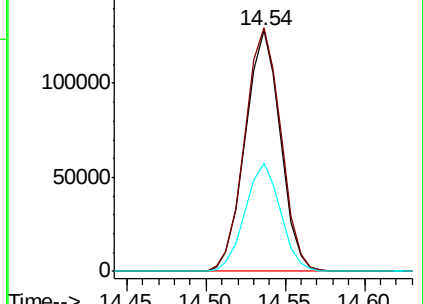
160 44.9 35.3 52.9



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: 46.290 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Tgt Ion:216 Resp: 273004

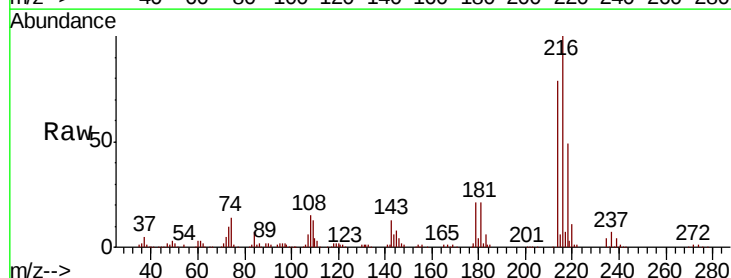
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.6

179 20.5 16.2 24.4

108 16.5 13.5 20.3

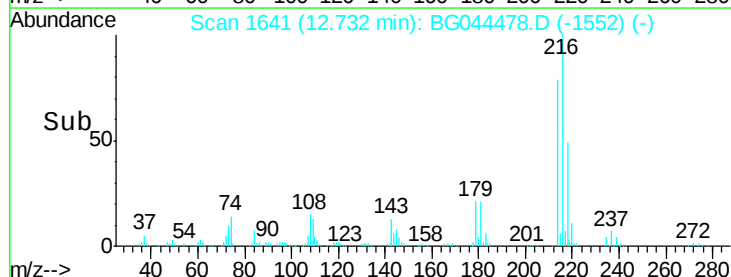
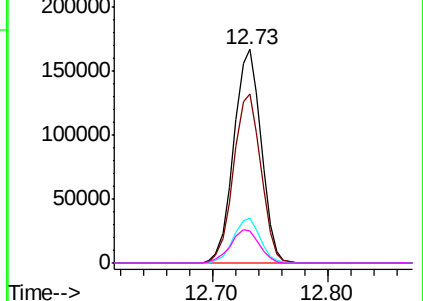


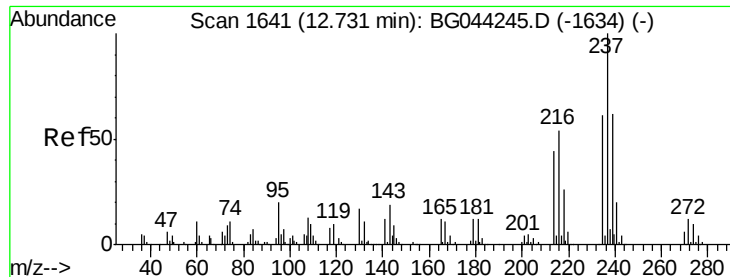
Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.892 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

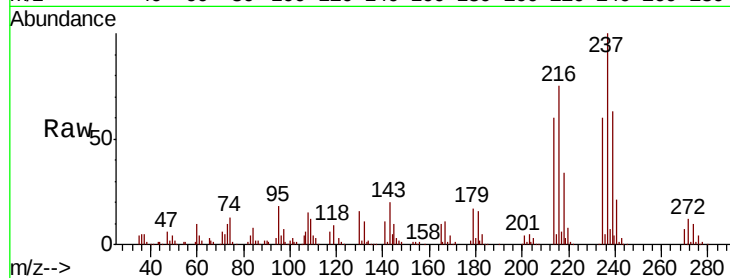
Tot Ion:237 Resp: 121381

Ion Ratio Lower Upper

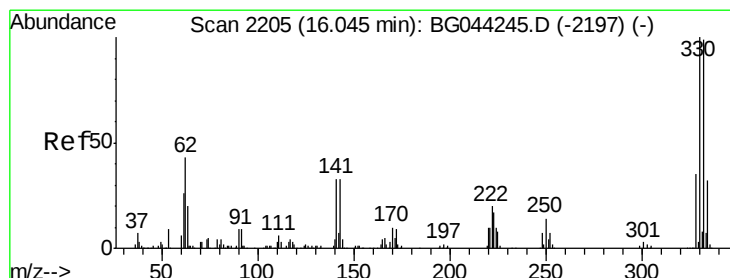
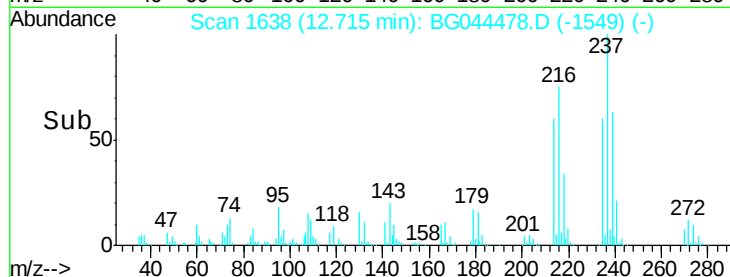
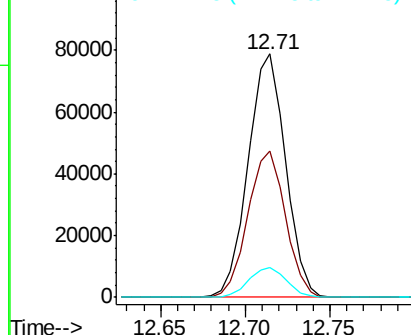
237 100

235 60.1 41.2 81.2

272 12.2 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: 149.141 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

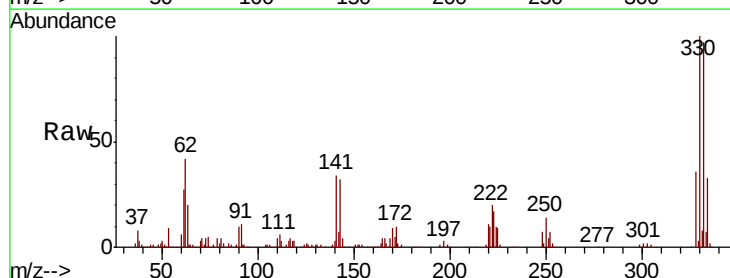
Tgt Ion:330 Resp: 345195

Ion Ratio Lower Upper

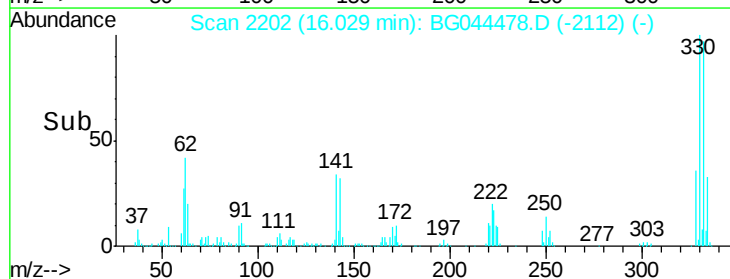
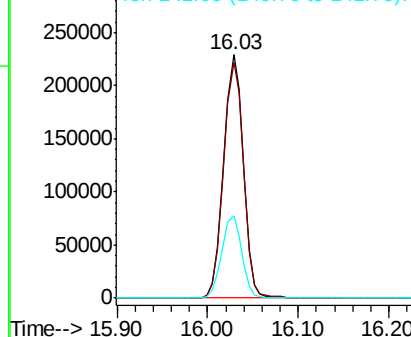
330 100

332 97.8 77.2 115.8

141 34.5 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

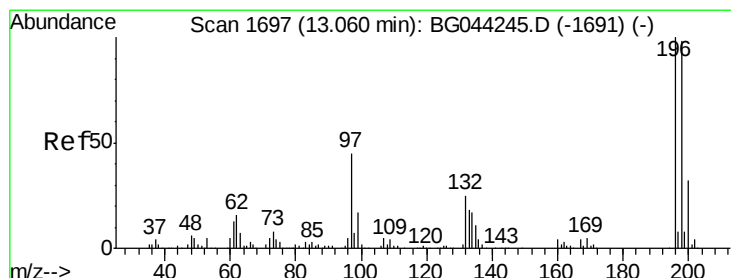
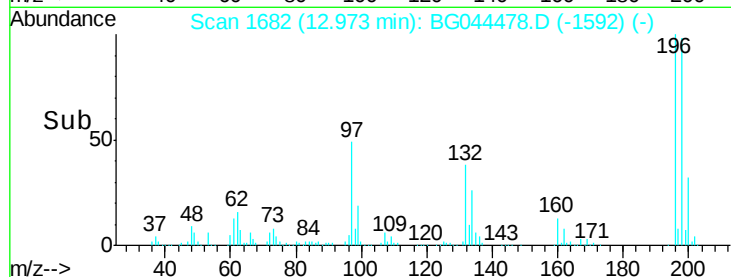
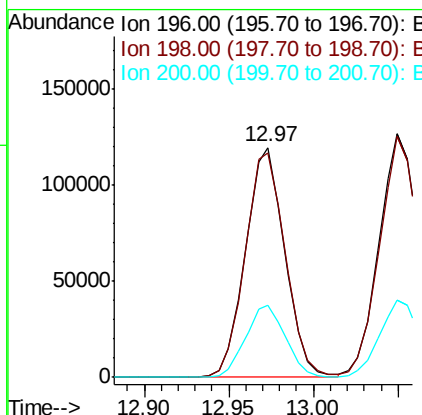
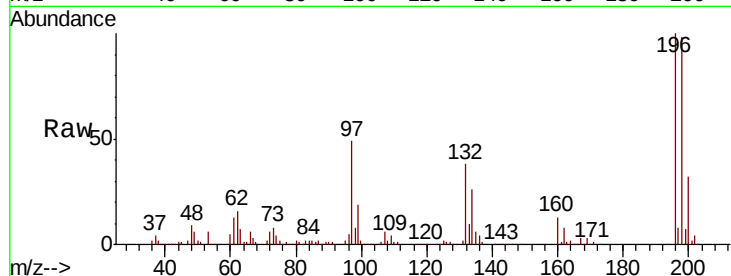




#43
 2,4,6-Trichlorophenol
 Concen: 50.740 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

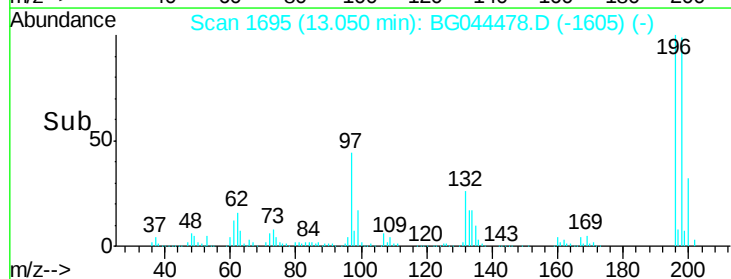
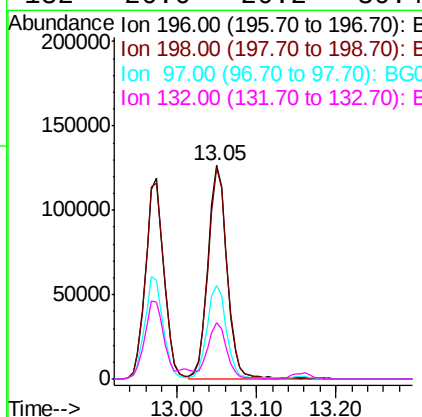
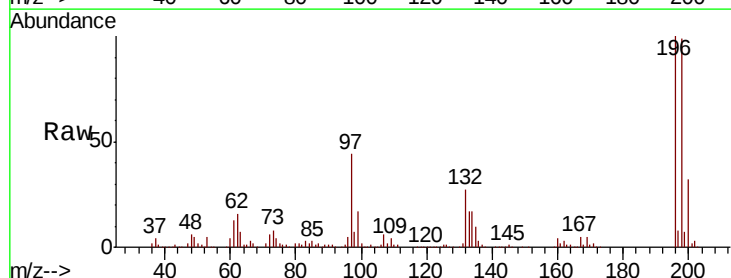
Instrument :
 BNA_G
 ClientSampleId :

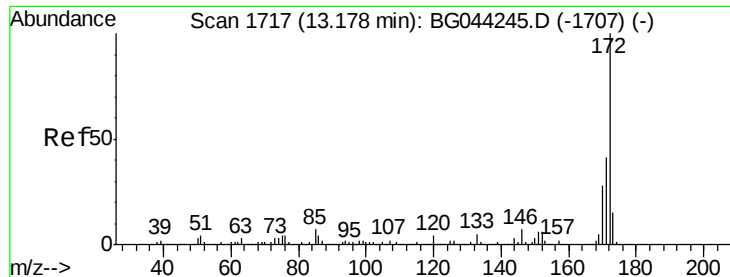
Tot Ion:196 Resp: 193428
 Ion Ratio Lower Upper
 196 100
 198 97.5 79.3 118.9
 200 31.5 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 54.372 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion:196 Resp: 211711
 Ion Ratio Lower Upper
 196 100
 198 99.2 78.2 117.2
 97 43.9 36.2 54.4
 132 26.6 20.2 30.4

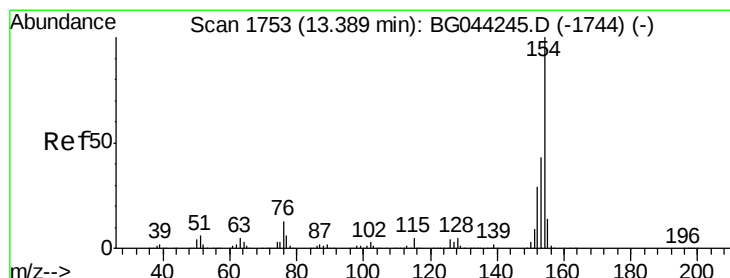
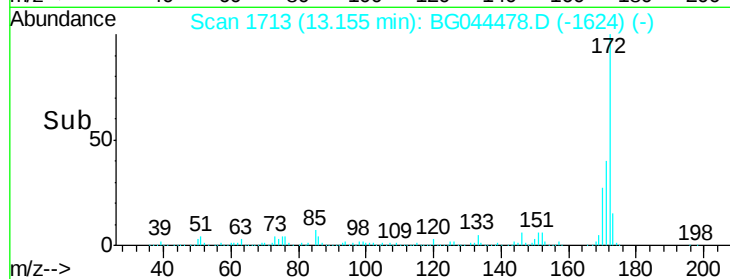
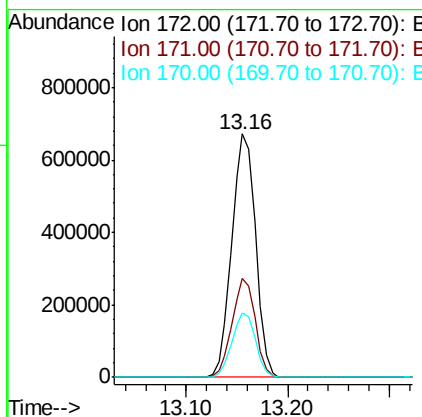
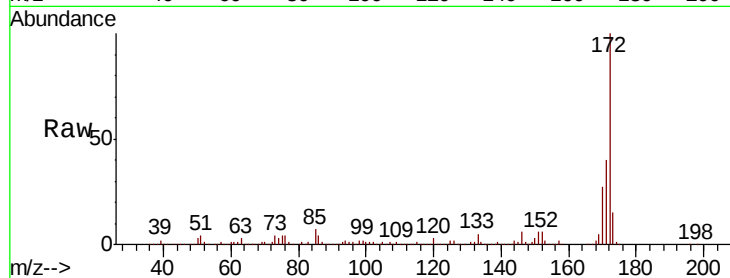




#45
2-Fluorobiphenyl
Concen: 92.889 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

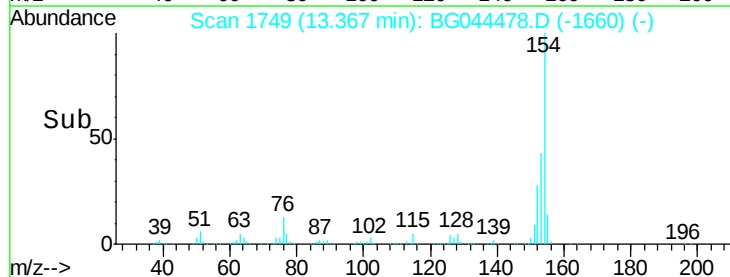
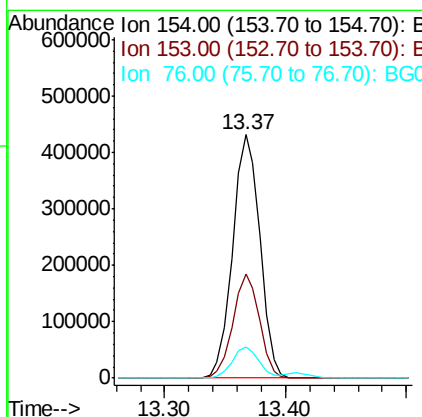
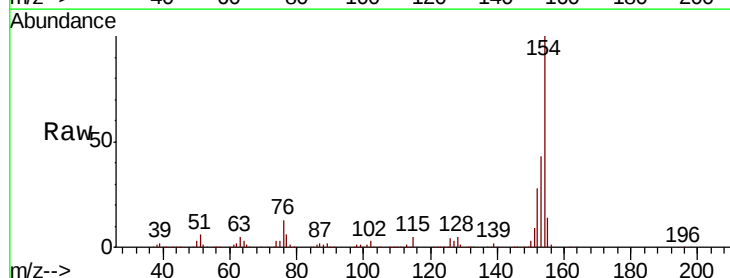
Instrument :
BNA_G
ClientSampleId :

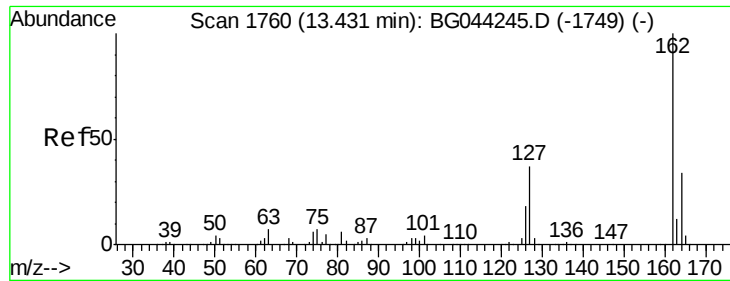
Tot Ion:172 Resp: 1093667
Ion Ratio Lower Upper
172 100
171 40.5 32.9 49.3
170 26.6 22.0 33.0



#46
1,1'-Biphenyl
Concen: 47.477 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion:154 Resp: 675185
Ion Ratio Lower Upper
154 100
153 42.9 22.7 62.7
76 12.8 0.0 32.9

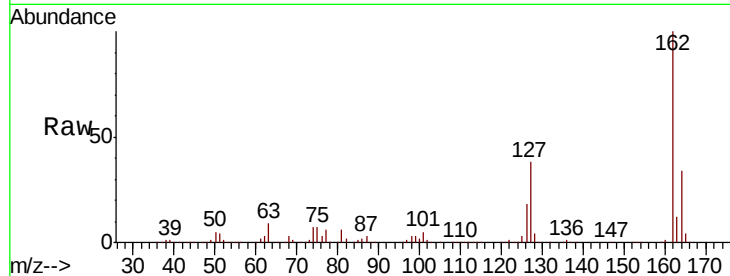




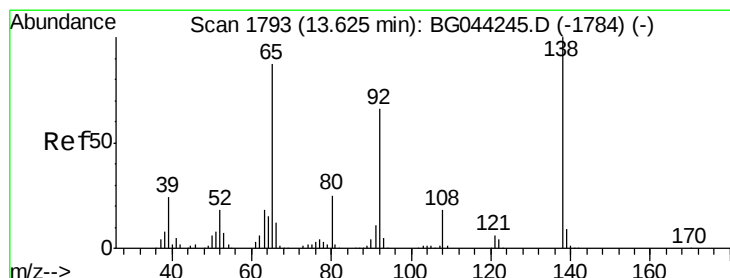
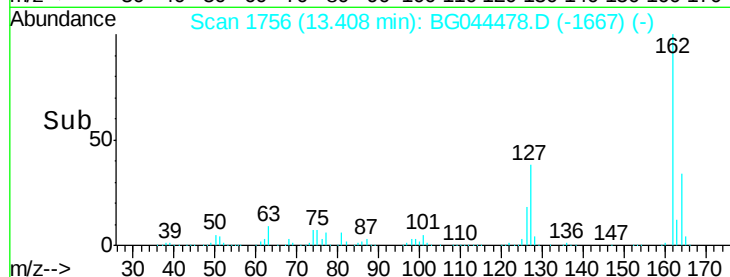
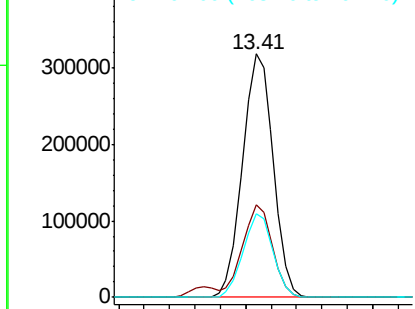
#47
 2-Chloronaphthalene
 Concen: 47.181 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 533936
 Ion Ratio Lower Upper
 162 100
 127 38.2 30.0 45.0
 164 34.1 27.2 40.8

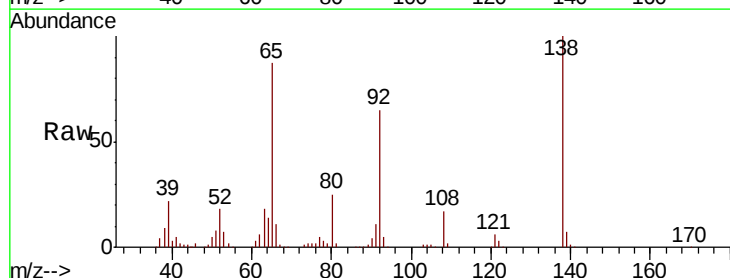


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

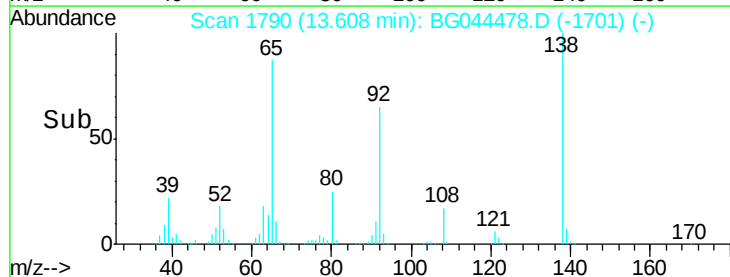
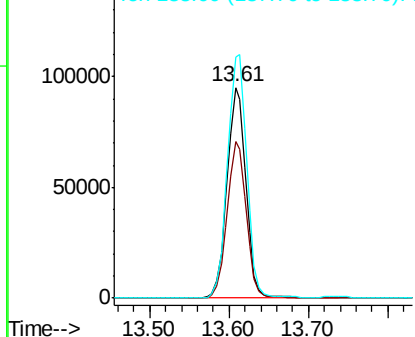


#48
 2-Nitroaniline
 Concen: 47.240 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion: 65 Resp: 157771
 Ion Ratio Lower Upper
 65 100
 92 74.0 60.3 90.5
 138 114.5 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: 50.916 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

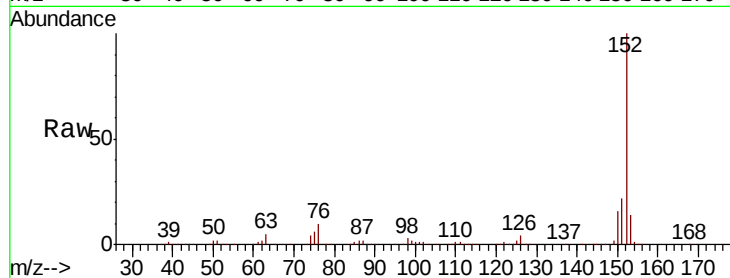
Tot Ion:152 Resp: 845131

Ion Ratio Lower Upper

152 100

151 22.3 18.1 27.1

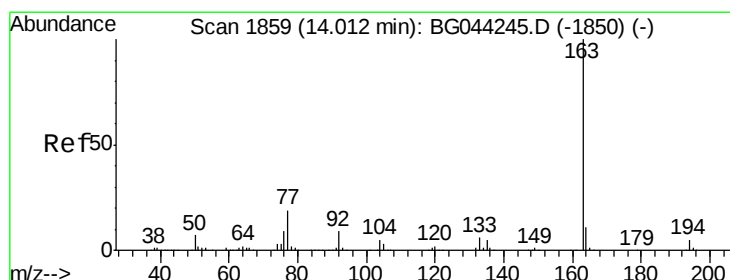
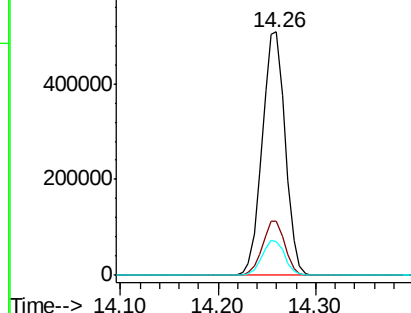
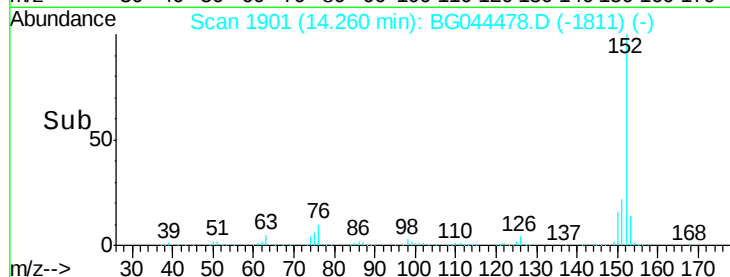
153 13.9 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.291 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

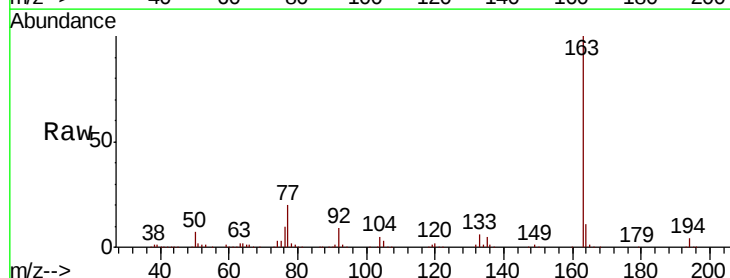
Tgt Ion:163 Resp: 684398

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

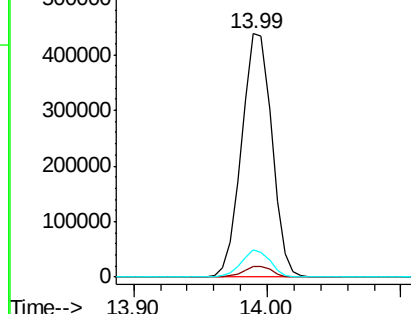
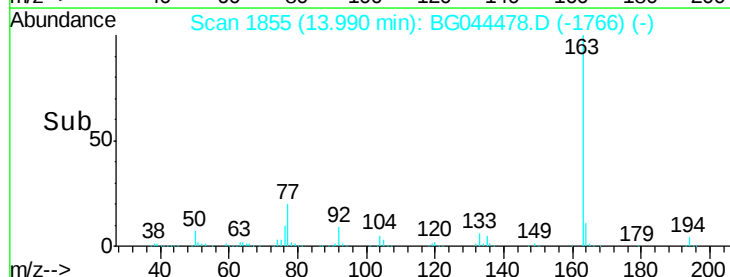
164 11.0 8.7 13.1

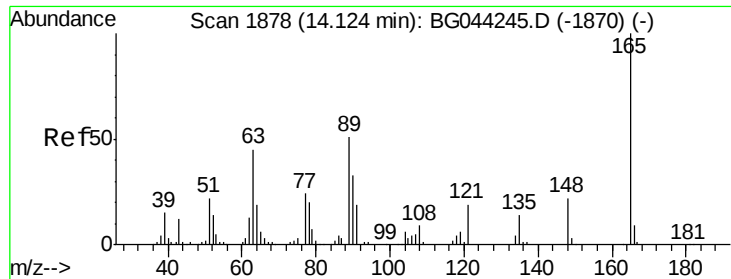


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

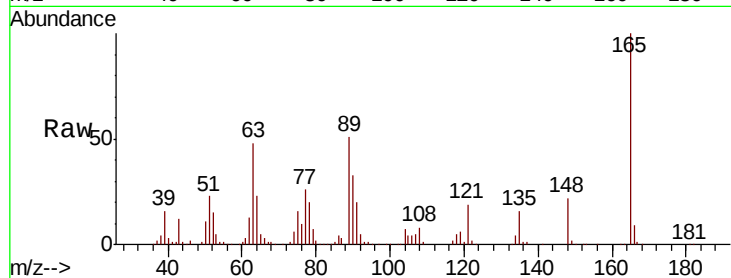




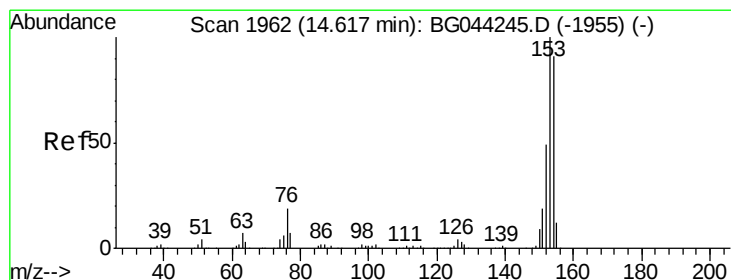
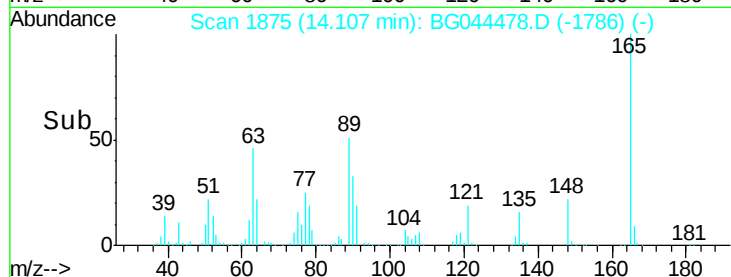
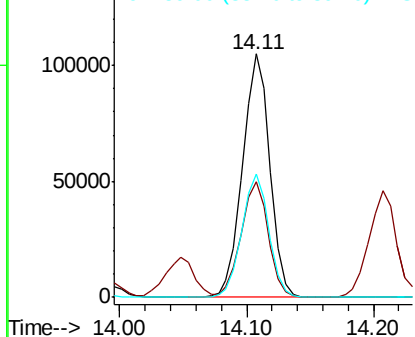
#51
 2,6-Dinitrotoluene
 Concen: 49.411 ng
 RT: 14.11 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 156138
 Ion Ratio Lower Upper
 165 100
 63 47.6 38.7 58.1
 89 50.7 40.4 60.6

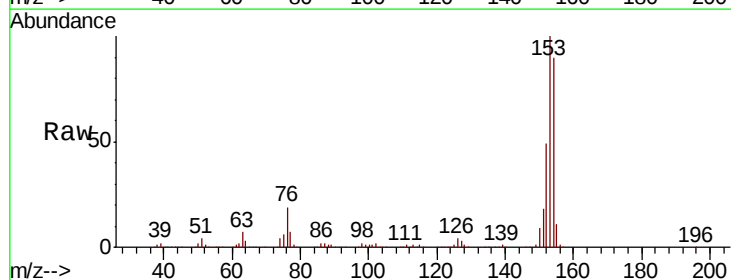


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

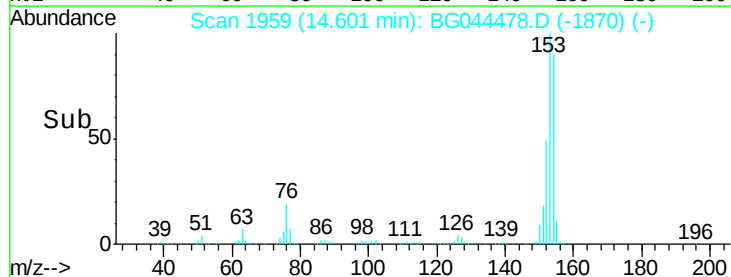
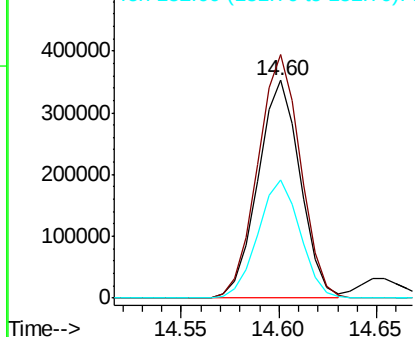


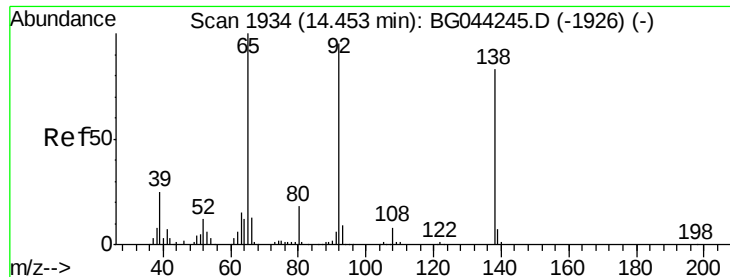
#52
 Acenaphthene
 Concen: 49.094 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion:154 Resp: 528190
 Ion Ratio Lower Upper
 154 100
 153 111.7 87.9 131.9
 152 54.4 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: 14.776 ng

RT: 14.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

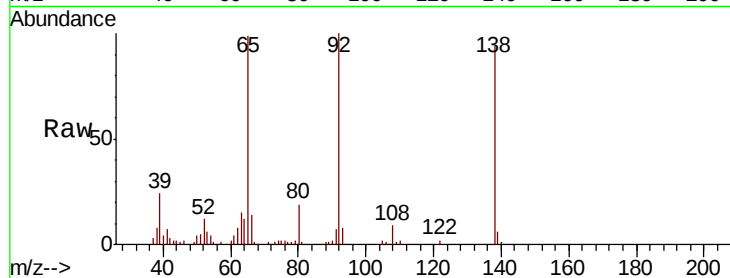
Tot Ion:138 Resp: 51659

Ion Ratio Lower Upper

138 100

108 9.3 7.9 11.9

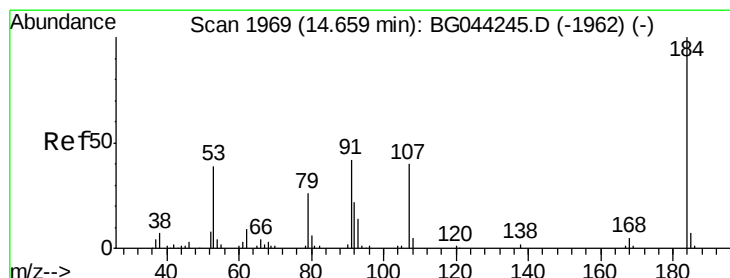
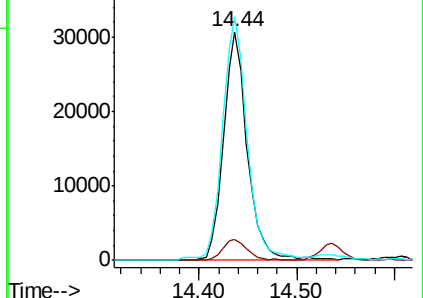
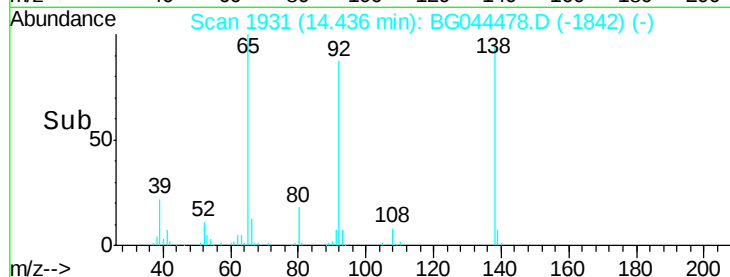
92 106.6 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 58.729 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

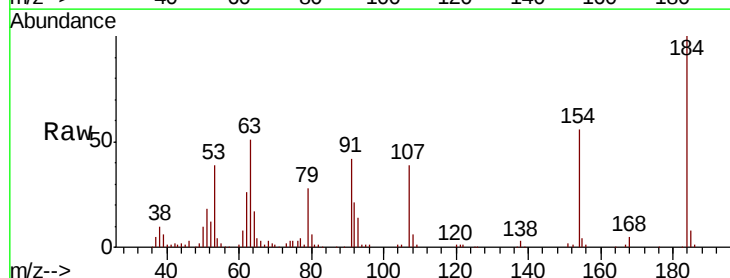
Tgt Ion:184 Resp: 105770

Ion Ratio Lower Upper

184 100

63 51.4 44.1 66.1

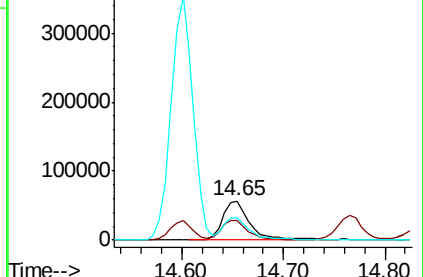
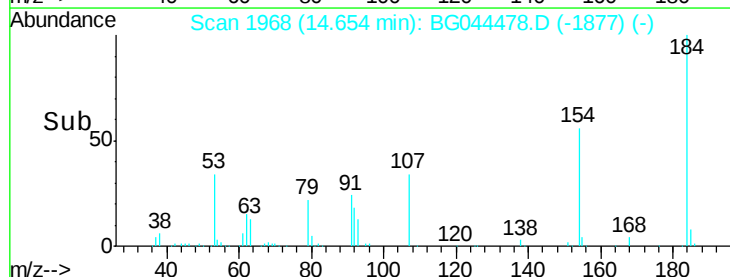
154 56.4 45.4 68.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

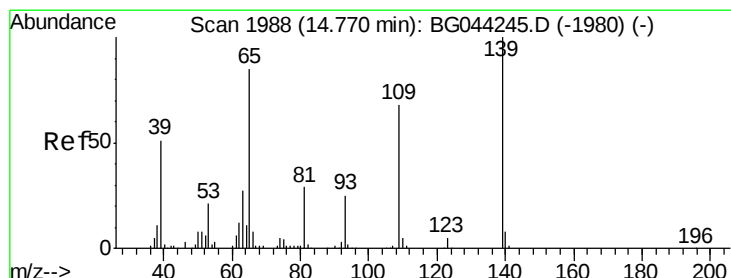
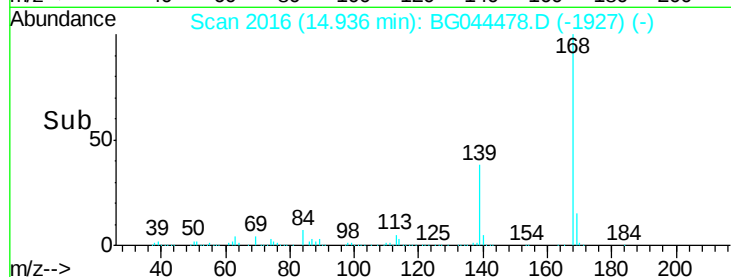
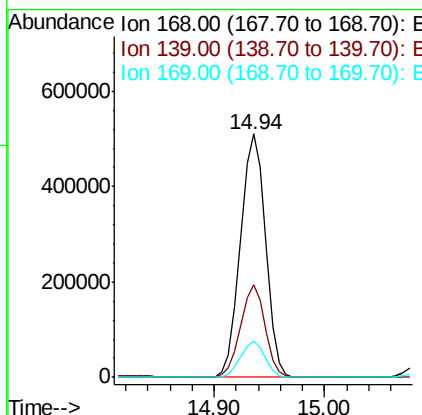
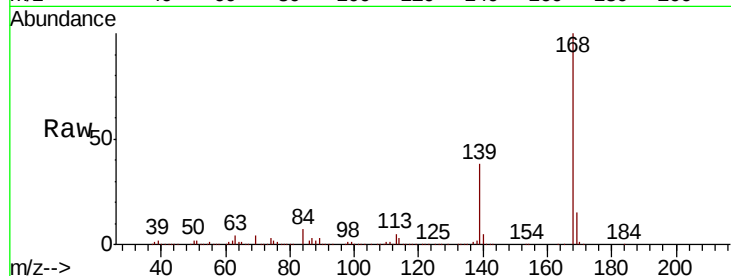




#55
Dibenzofuran
Concen: 50.239 ng
RT: 14.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

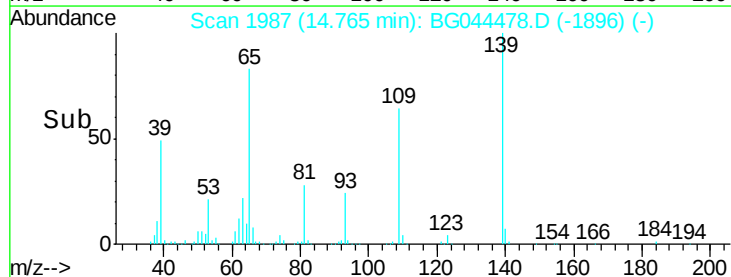
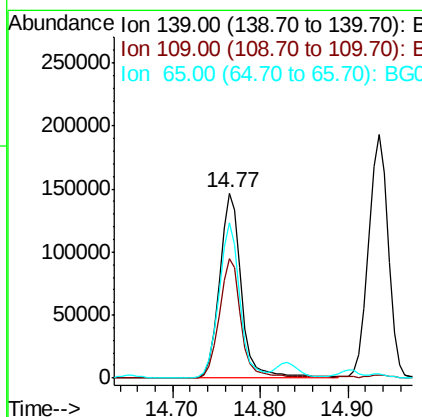
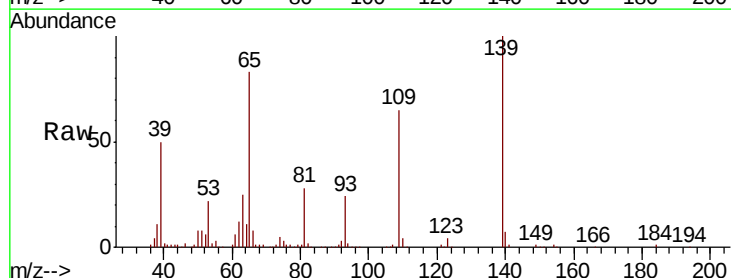
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.5	45.7
169	14.9	11.7	17.5



#56
4-Nitrophenol
Concen: 99.618 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.5	47.5	87.5
65	83.5	64.9	104.9

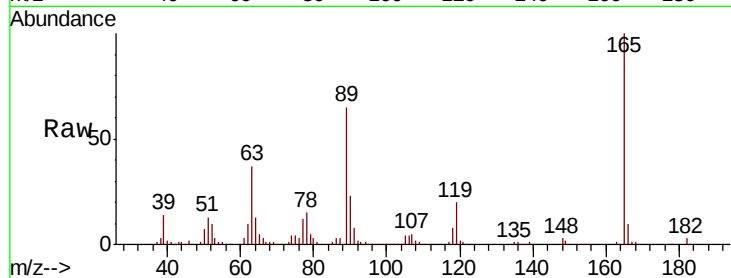




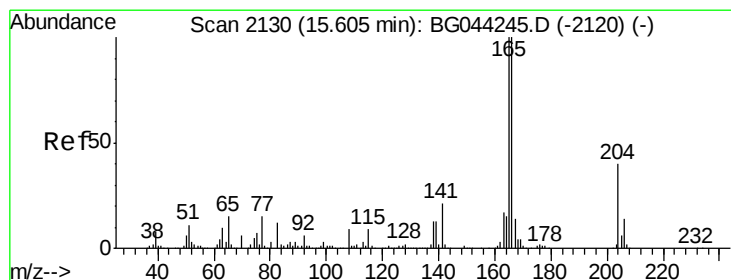
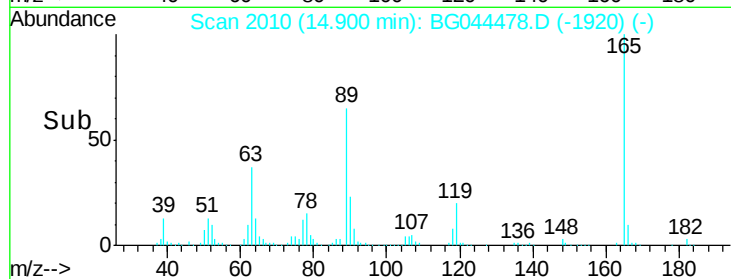
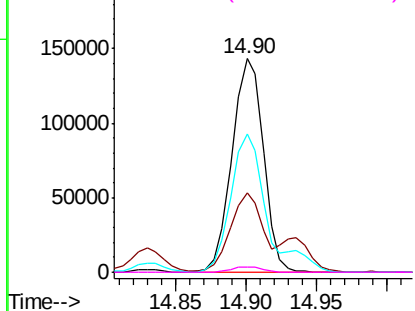
#57
2,4-Dinitrotoluene
Concen: 50.147 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	222098
Ion Ratio	Lower	Upper
165	100	
63	37.3	30.3 45.5
89	64.9	53.4 80.2
182	2.6	2.1 3.1

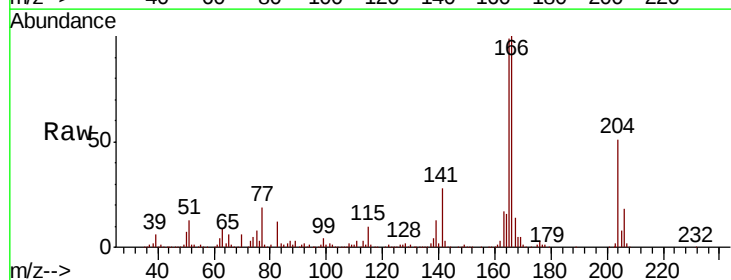


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

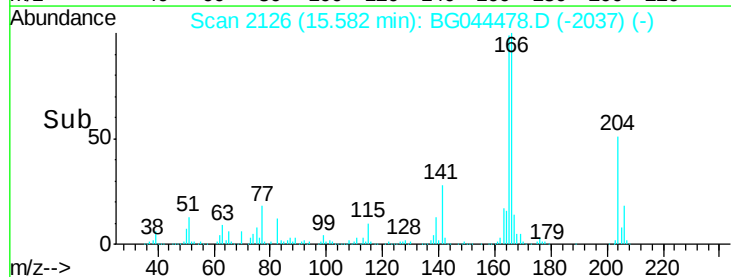
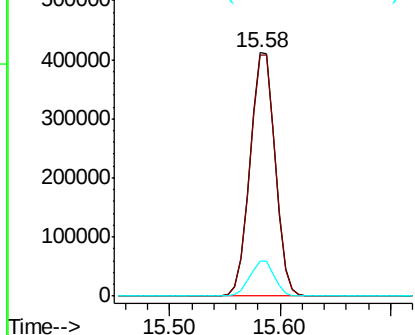


#58
Fluorene
Concen: 51.330 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion:166	Resp:	658557
Ion Ratio	Lower	Upper
166	100	
165	99.2	79.9 119.9
167	14.3	11.4 17.0



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

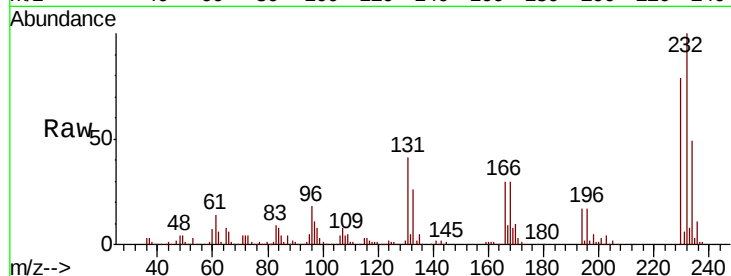




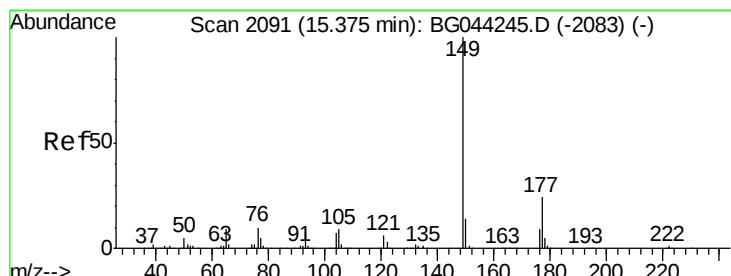
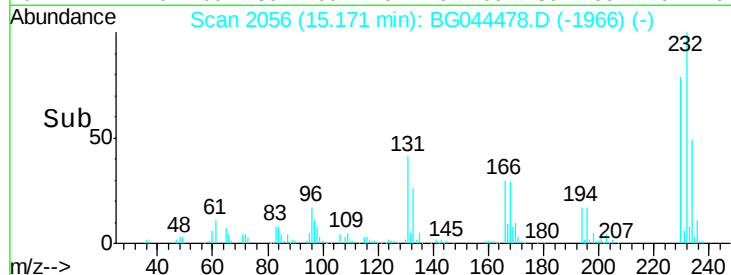
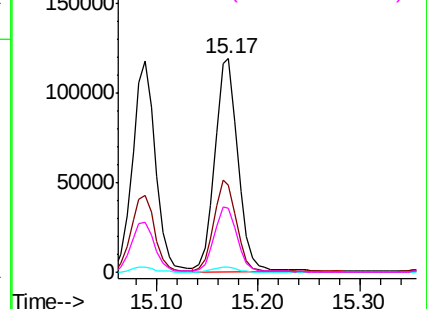
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.806 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.9	34.2	51.4
130	2.4	1.8	2.8
166	31.1	23.8	35.8

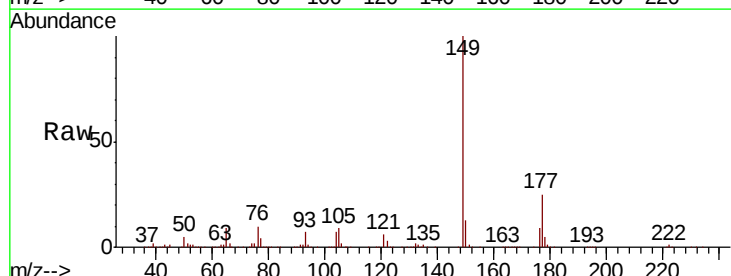


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

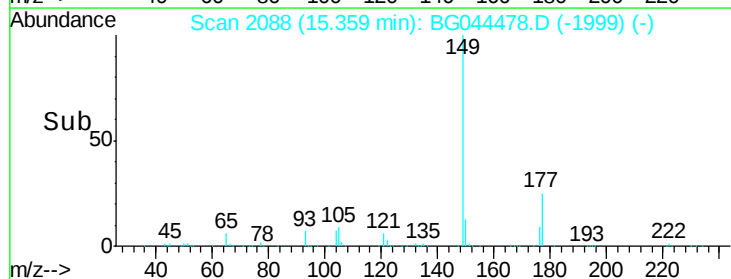
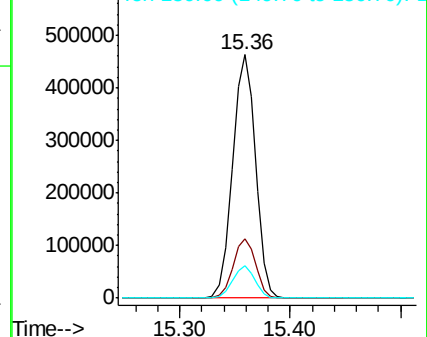


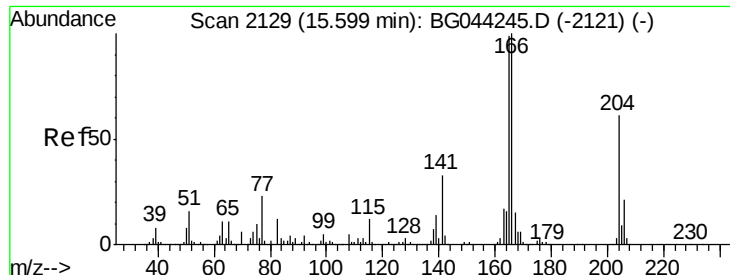
#60
Diethylphthalate
Concen: 47.680 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.4	29.0
150	13.3	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

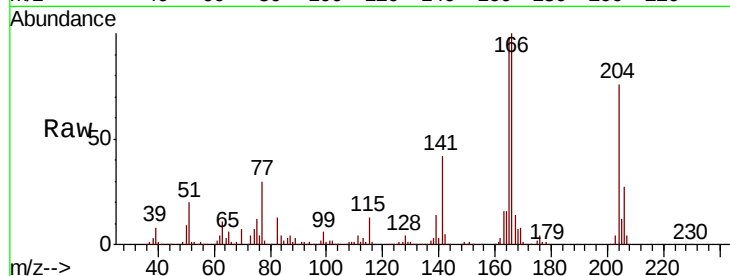




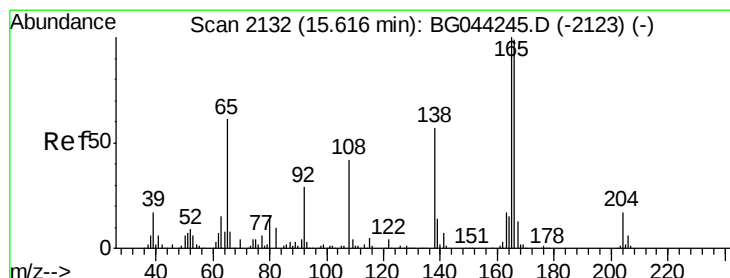
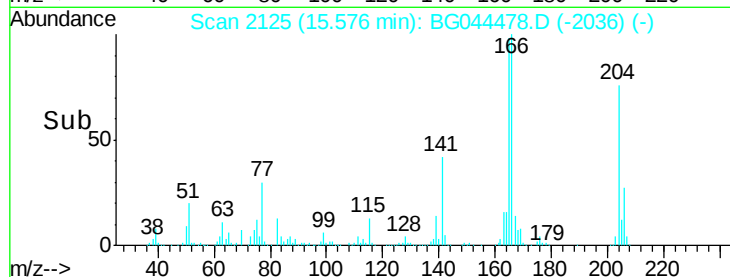
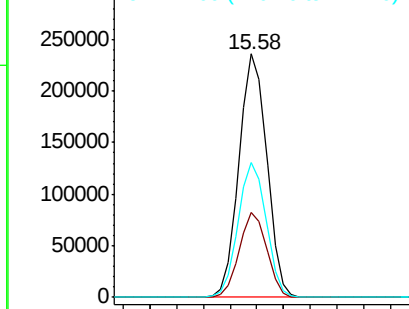
#61
4-Chlorophenyl-phenylether
Concen: 49.054 ng
RT: 15.58 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 341239
Ion Ratio Lower Upper
204 100
206 35.1 27.6 41.4
141 55.3 43.4 65.0

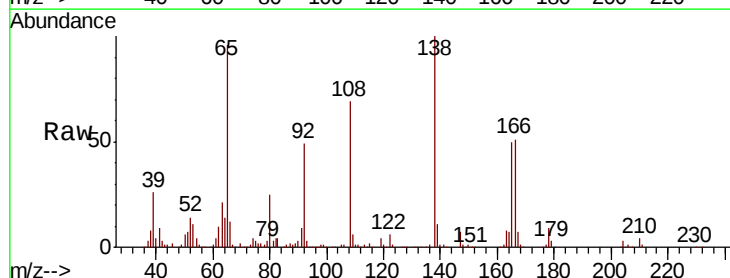


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

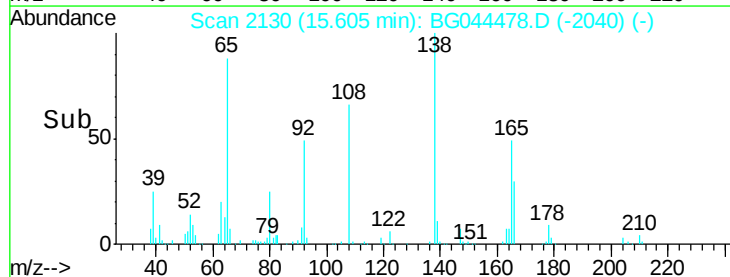
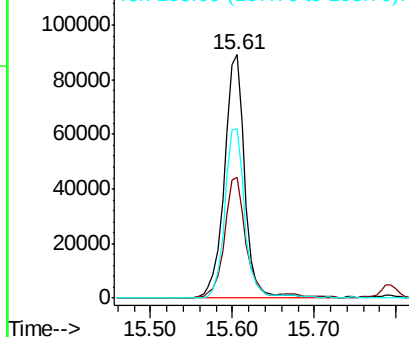


#62
4-Nitroaniline
Concen: 44.131 ng
RT: 15.61 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion:138 Resp: 154167
Ion Ratio Lower Upper
138 100
92 49.4 31.3 71.3
108 69.4 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG0
Ion 108.00 (107.70 to 108.70): E

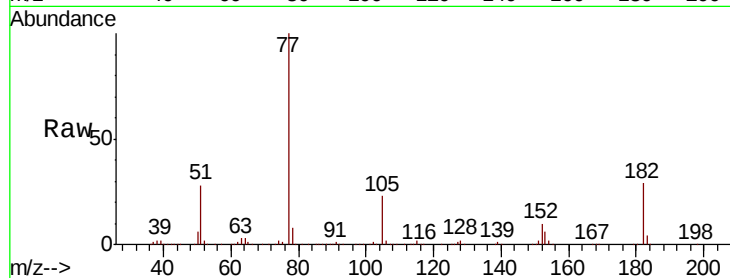




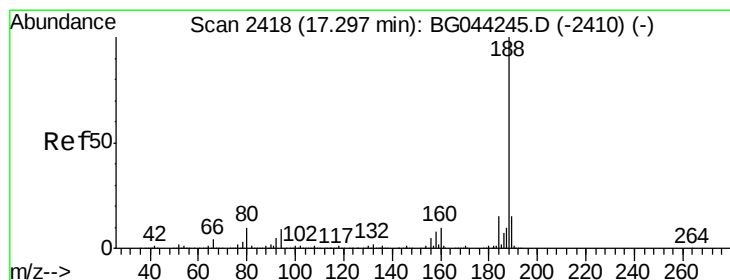
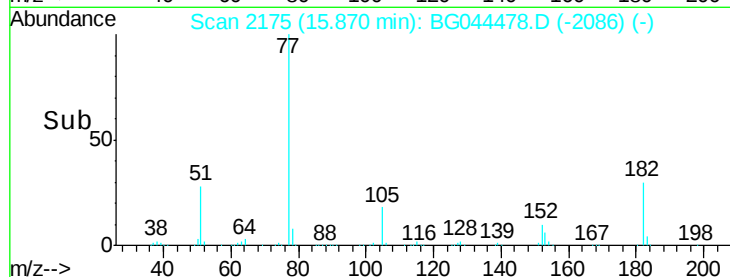
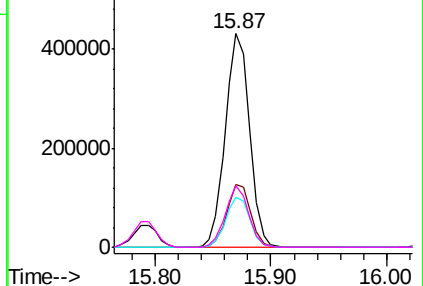
#63
Azobenzene
Concen: 50.256 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	622015
Ion	Ratio	Lower	Upper
77	100		
182	29.2	8.2	48.2
105	23.4	3.6	43.6
51	28.5	8.3	48.3

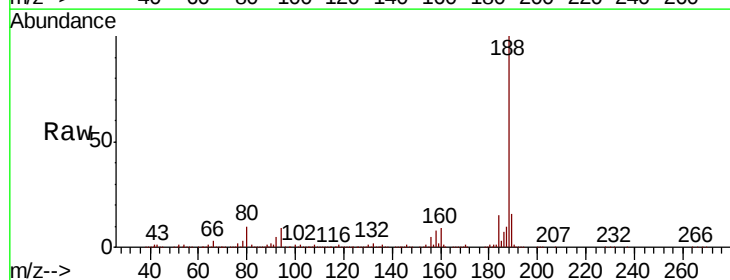


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

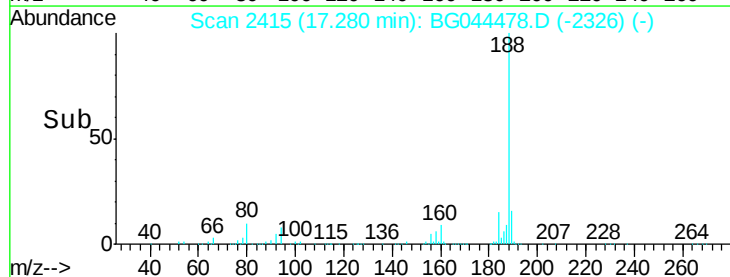
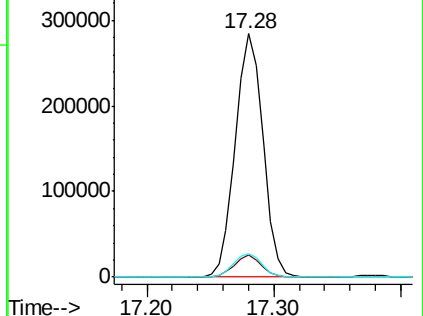


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion:	188	Resp:	430692
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	9.9	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: 40.627 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

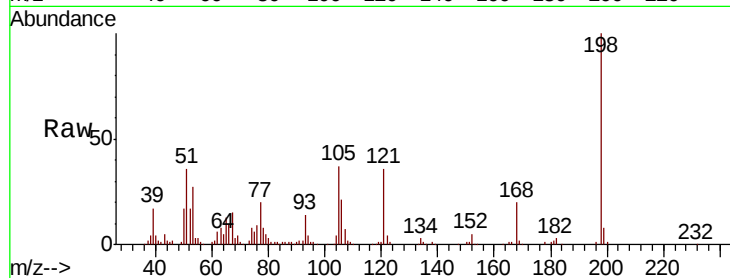
Tot Ion:198 Resp: 96587

Ion	Ratio	Lower	Upper
198	100		
51	36.5	16.6	56.6
105	37.1	20.6	60.6

198 100

51 36.5 16.6 56.6

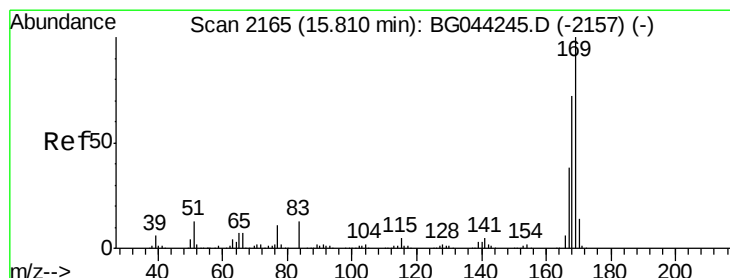
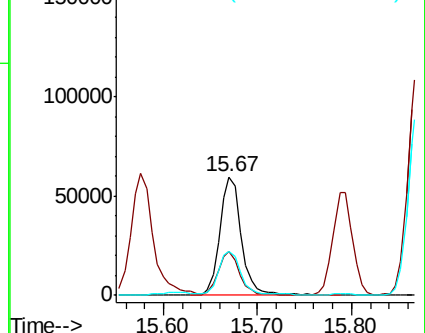
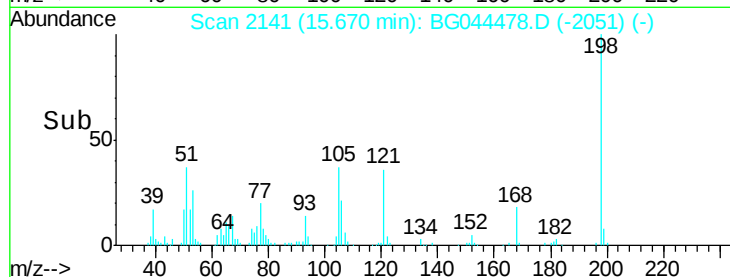
105 37.1 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044478.D (-2051) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.656 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

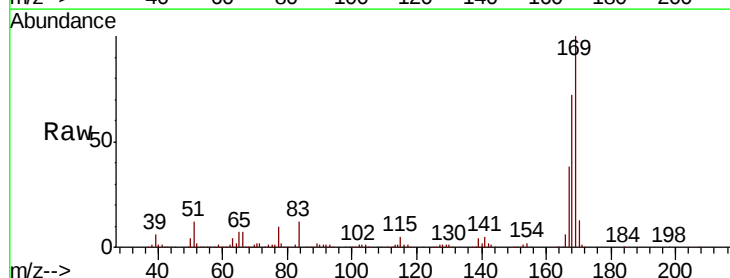
Tgt Ion:169 Resp: 611411

Ion	Ratio	Lower	Upper
169	100		
168	72.0	57.9	86.9
167	37.6	30.7	46.1

169 100

168 72.0 57.9 86.9

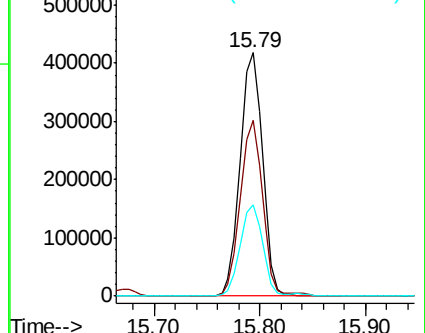
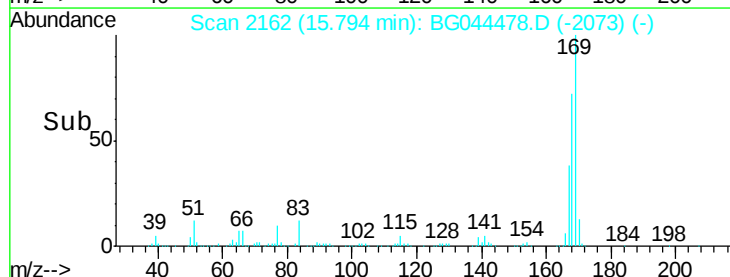
167 37.6 30.7 46.1

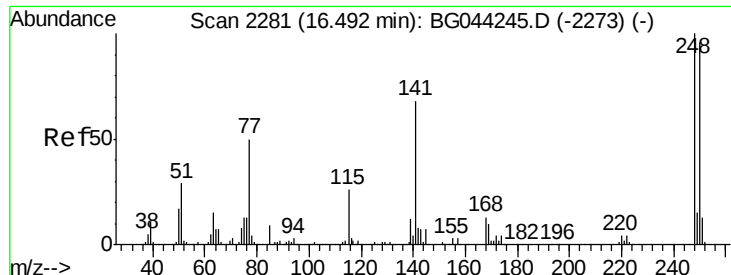


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

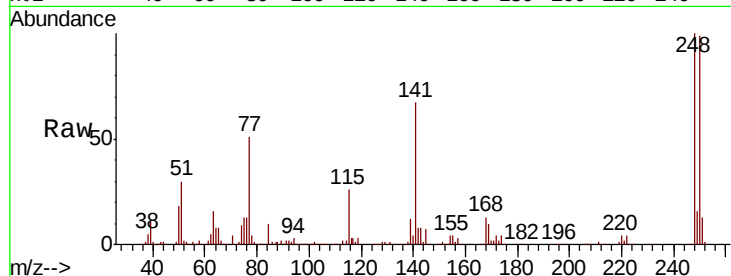




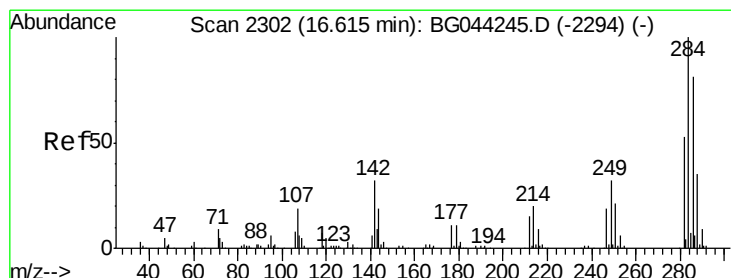
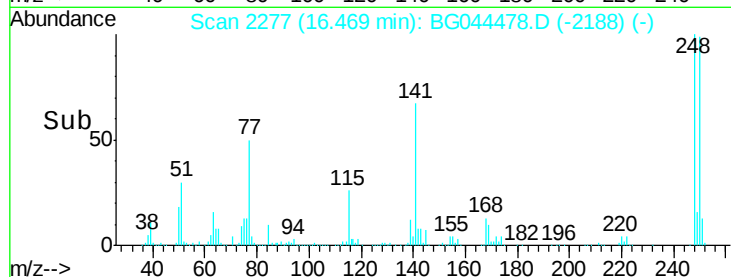
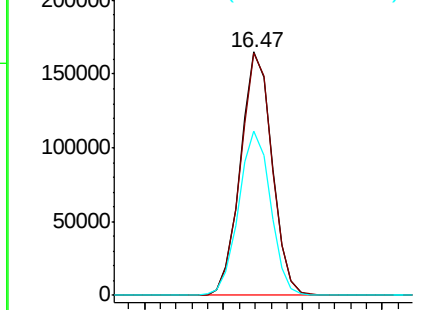
#67
 4-Bromophenyl-phenylether
 Concen: 48.766 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 228826
 Ion Ratio Lower Upper
 248 100
 250 99.5 76.6 114.8
 141 67.5 54.7 82.1

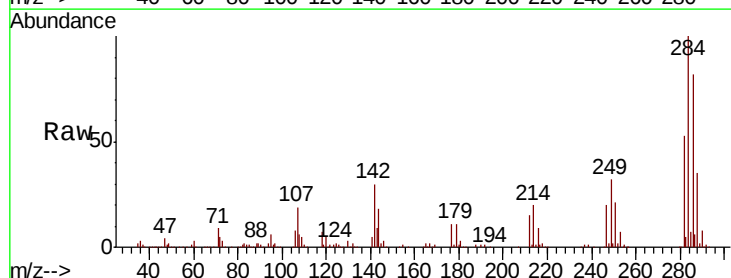


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

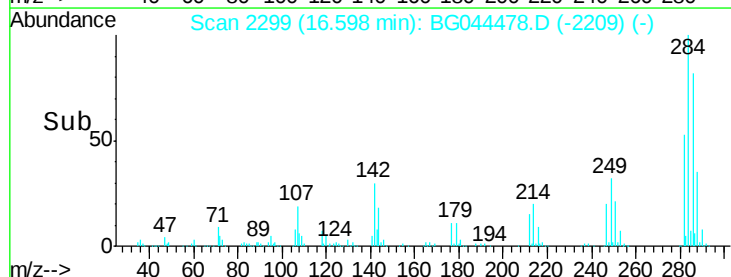
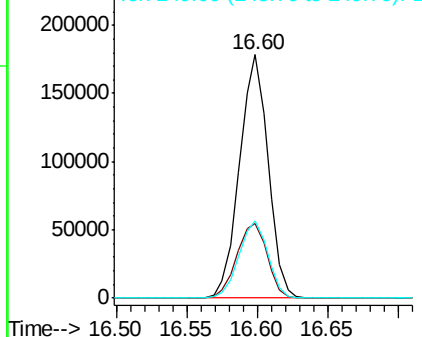


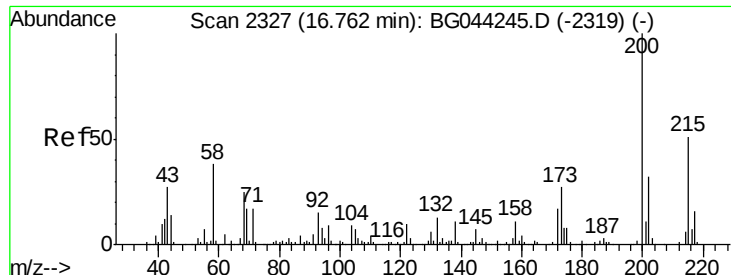
#68
 Hexachlorobenzene
 Concen: 48.028 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion:284 Resp: 252481
 Ion Ratio Lower Upper
 284 100
 142 30.5 25.3 37.9
 249 31.7 25.5 38.3



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

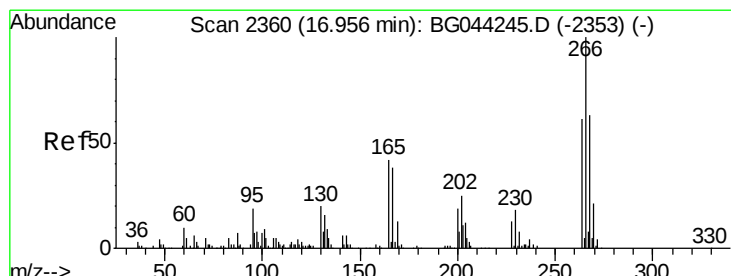
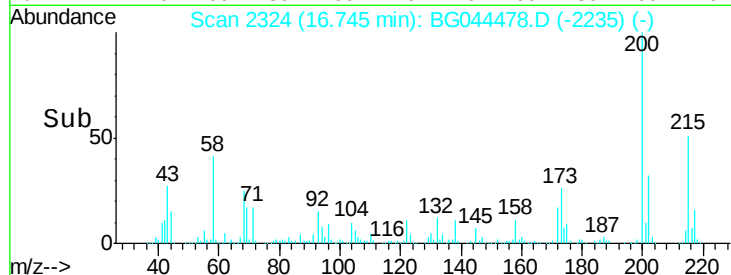
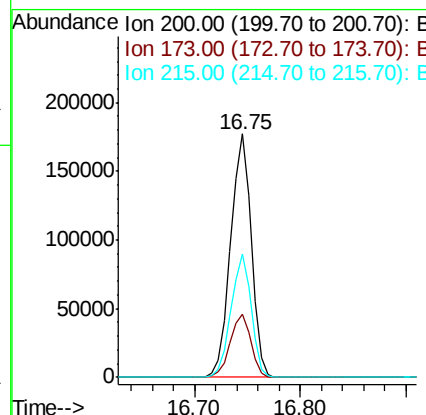
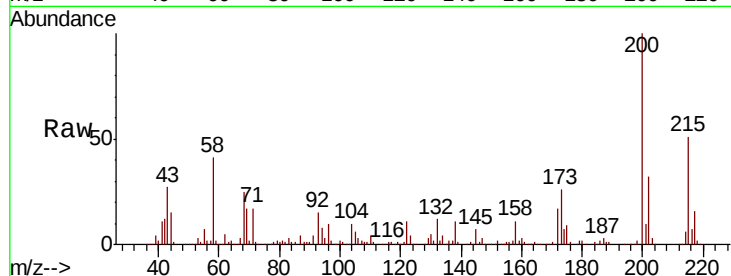




#69
 Atrazine
 Concen: 57.783 ng
 RT: 16.75 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

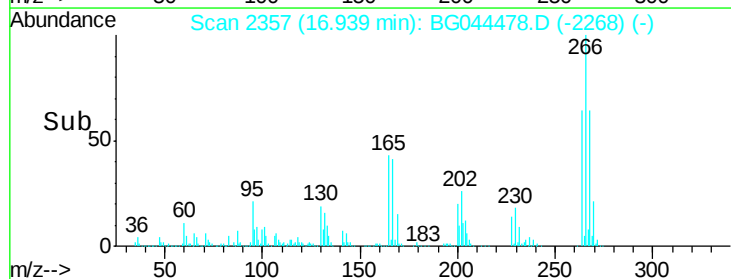
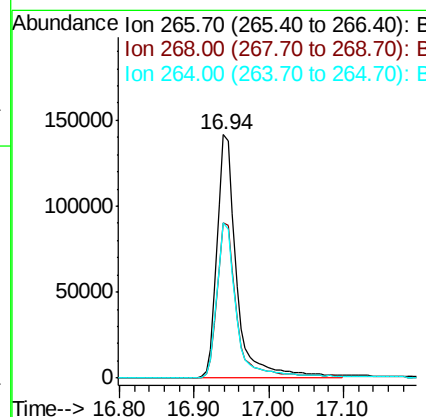
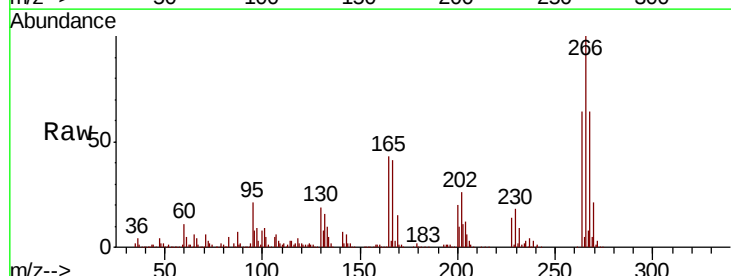
Instrument :
 BNA_G
 ClientSampled :

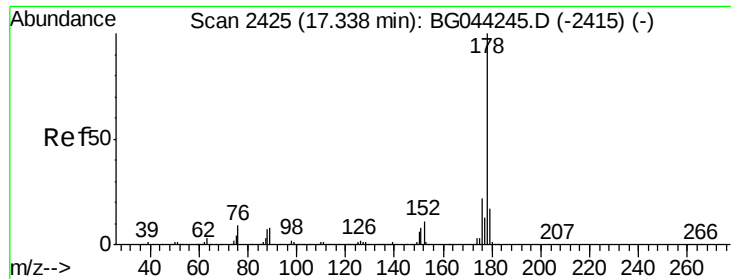
Tot Ion:200 Resp: 239045
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.6 46.6
 215 50.7 31.0 71.0



#70
 Pentachlorophenol
 Concen: 97.669 ng
 RT: 16.94 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion:266 Resp: 261562
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.6 75.8
 264 63.9 48.7 73.1

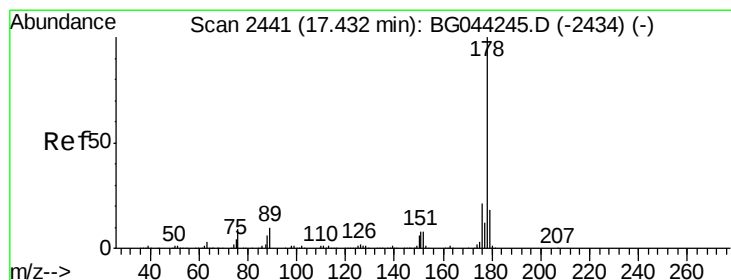
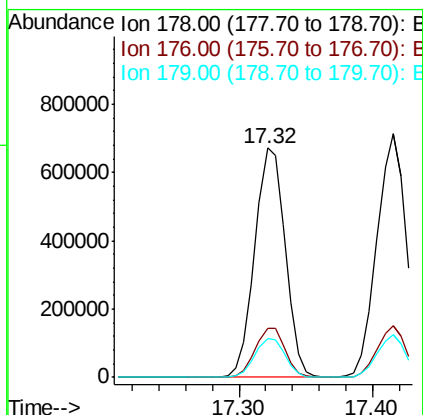
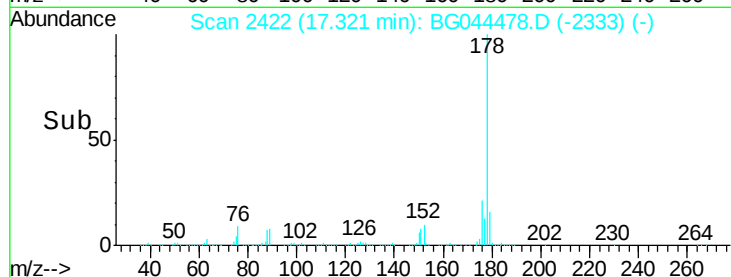
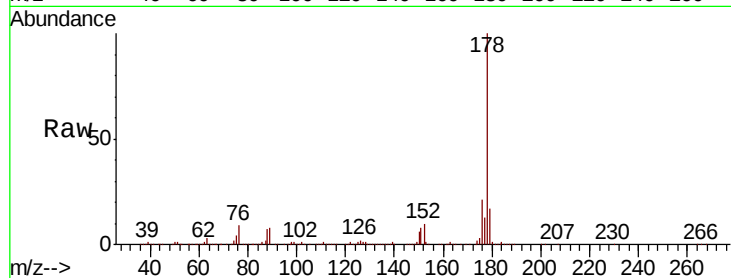




#71
Phenanthrene
Concen: 50.835 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

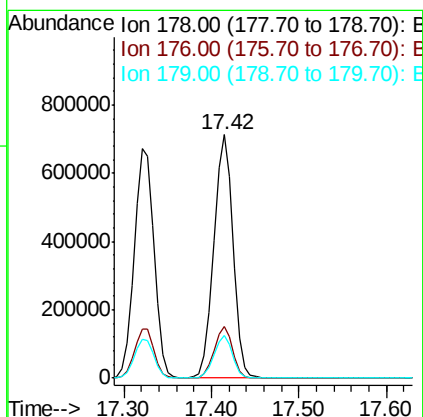
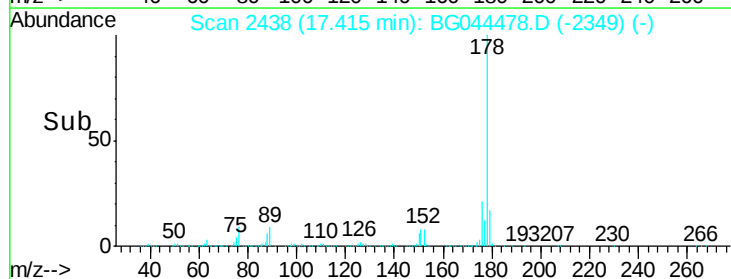
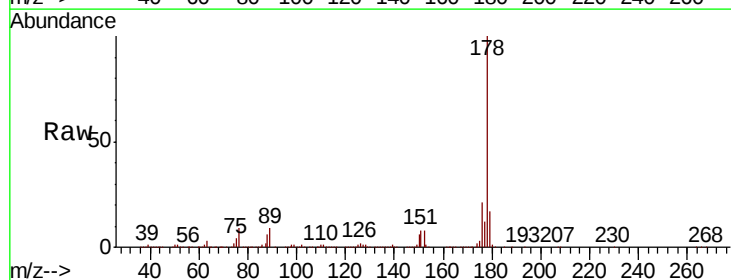
Instrument :
BNA_G
ClientSampled :

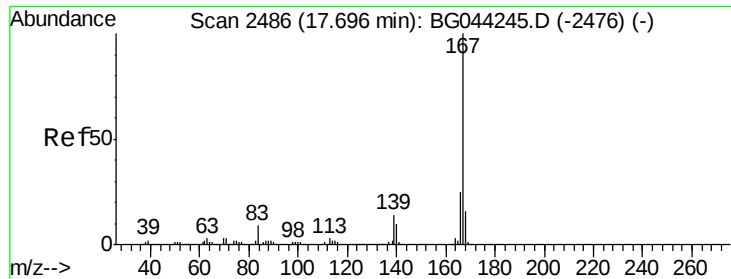
Tot Ion:178 Resp: 1060194
Ion Ratio Lower Upper
178 100
176 21.5 17.7 26.5
179 16.9 13.7 20.5



#72
Anthracene
Concen: 52.841 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion:178 Resp: 1089525
Ion Ratio Lower Upper
178 100
176 21.2 17.0 25.4
179 17.4 14.4 21.6

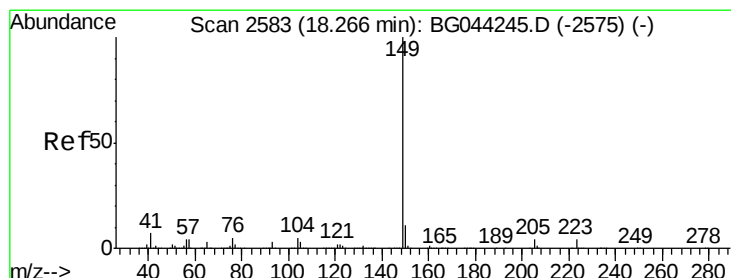
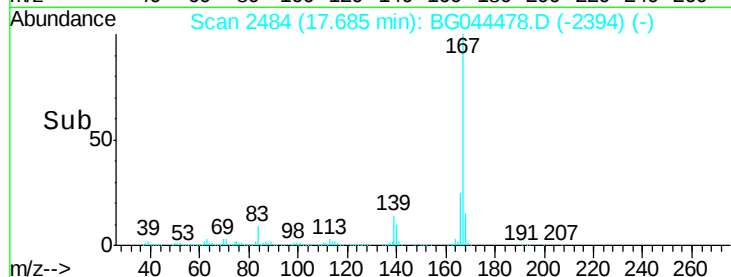
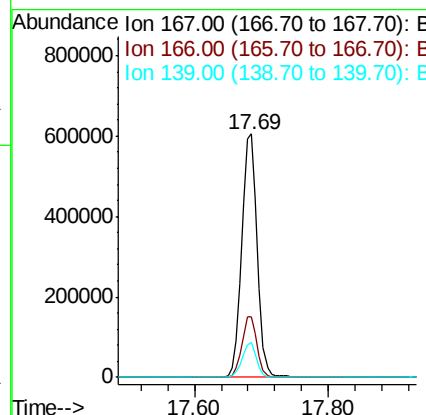
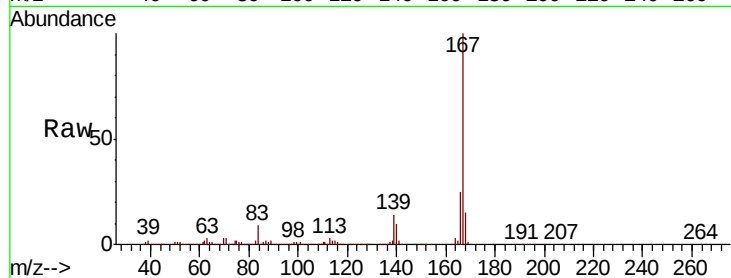




#73
 Carbazole
 Concen: 51.803 ng
 RT: 17.69 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

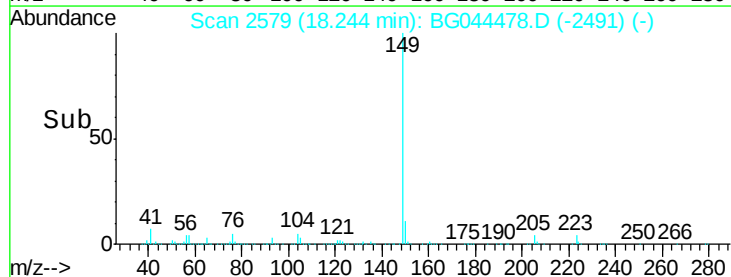
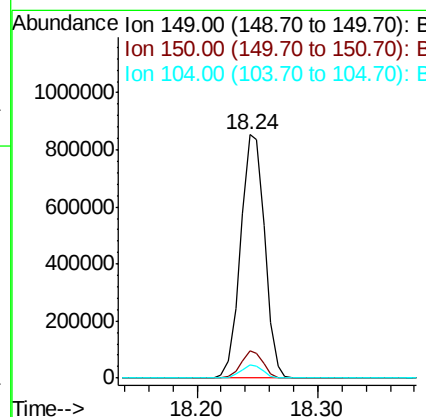
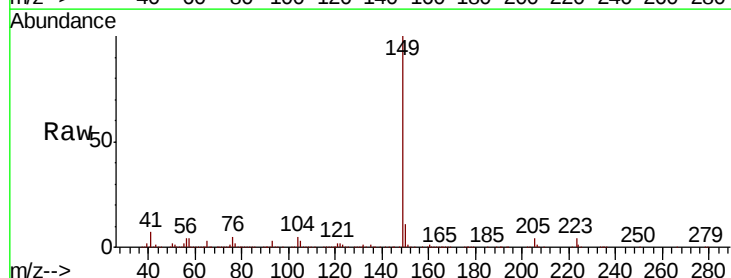
Instrument :
 BNA_G
 ClientSampleId :

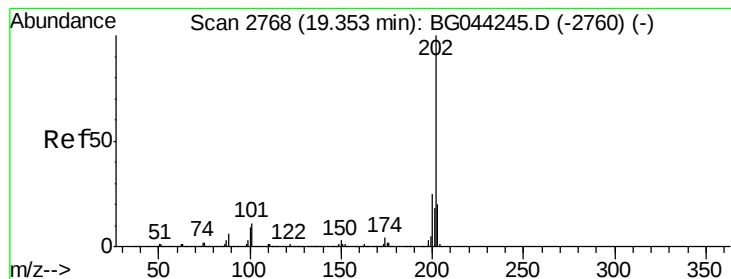
Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.8	29.6
139	14.1	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 50.606 ng
 RT: 18.24 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BG044478.D
 Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.7	13.1
104	5.5	4.3	6.5





#75

Fluoranthene

Concen: 50.247 ng

RT: 19.34 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampled :

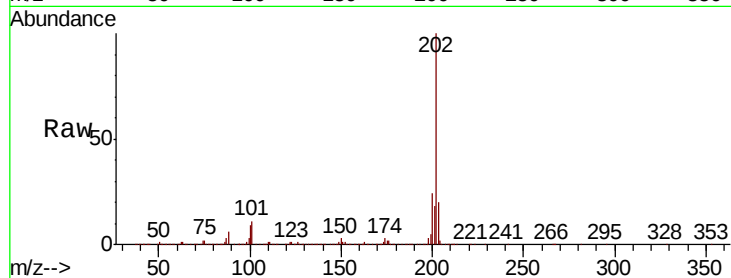
Tot Ion:202 Resp: 1212271

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.3
203	20.0	0.0	39.9

202 100

101 11.4 0.0 31.3

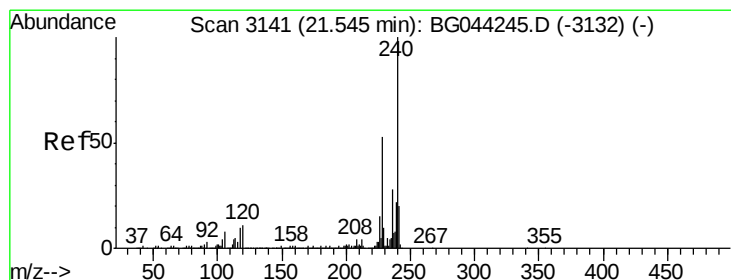
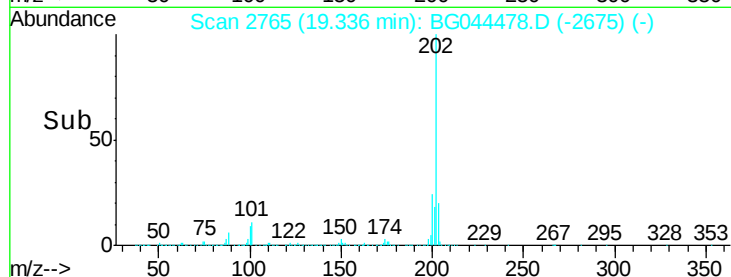
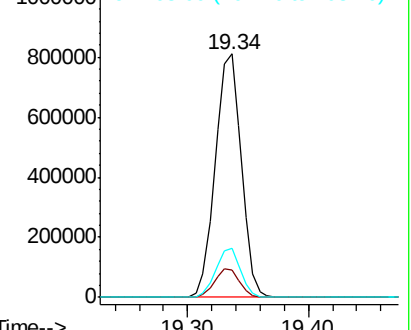
203 20.0 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

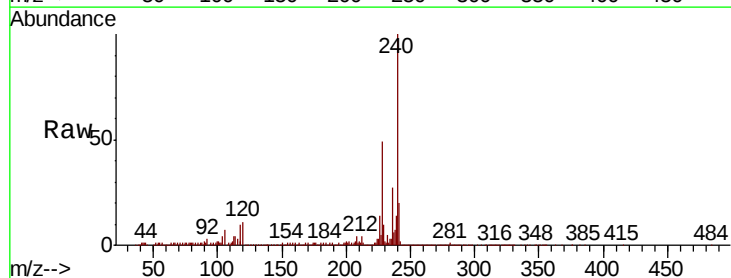
Tgt Ion:240 Resp: 397580

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.4	12.6
236	26.9	22.1	33.1

240 100

120 10.8 8.4 12.6

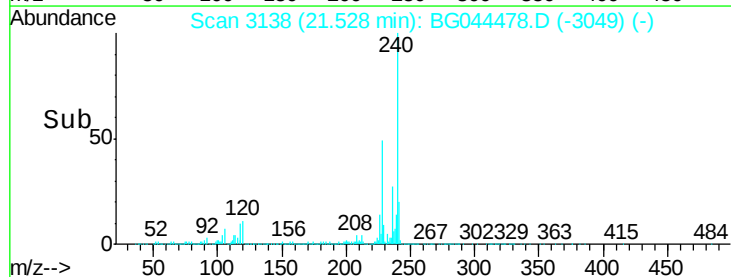
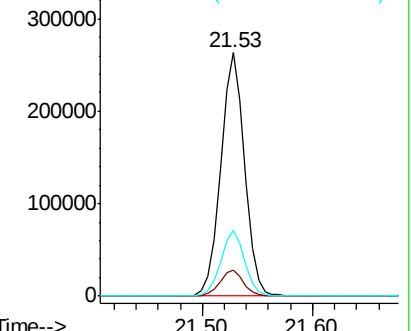
236 26.9 22.1 33.1



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

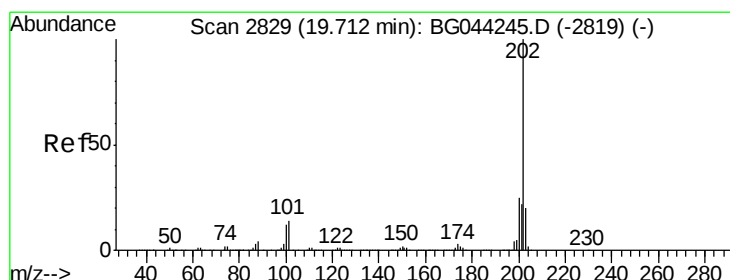
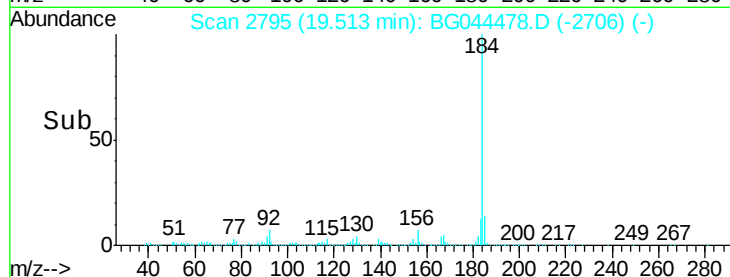
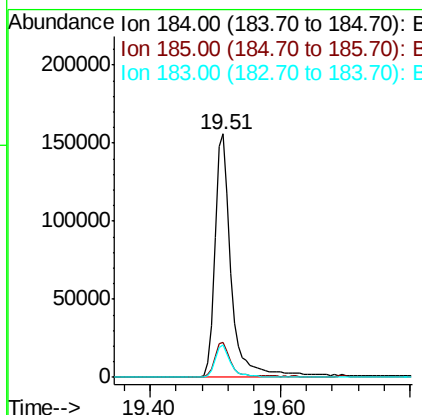
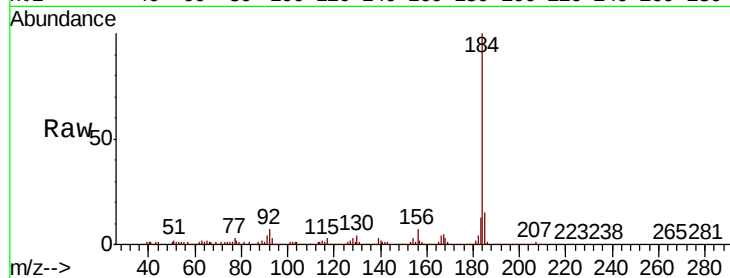




#77
Benzidine
Concen: 24.762 ng
RT: 19.51 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

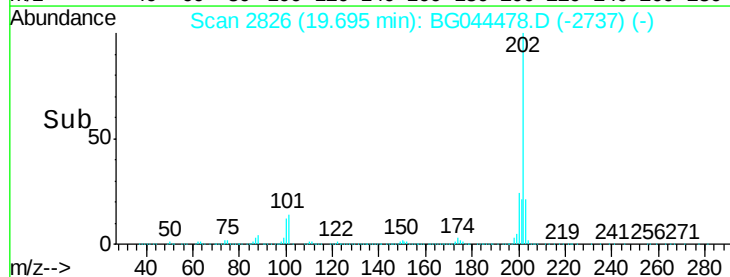
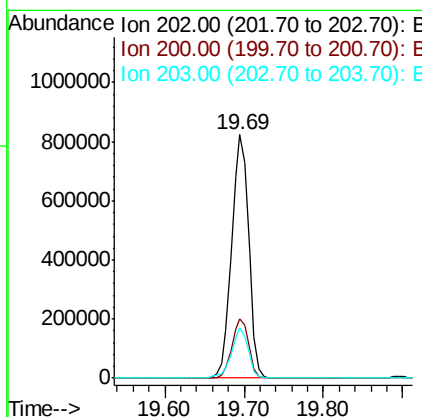
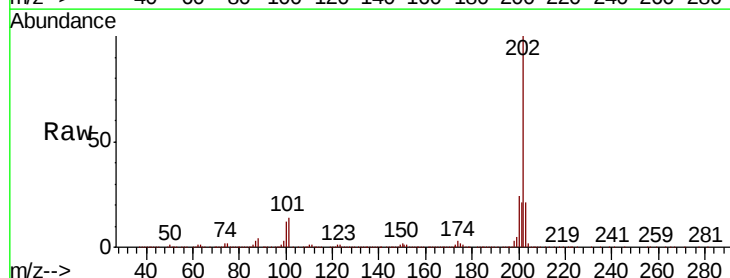
Instrument :
BNA_G
ClientSampleId :

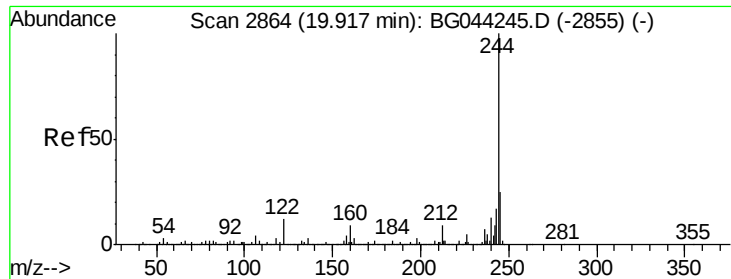
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.9	19.3
183	13.1	10.8	16.2



#78
Pyrene
Concen: 47.989 ng
RT: 19.69 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.5	20.0	30.0
203	20.5	16.2	24.2





#79

Terphenyl-d14

Concen: 90.680 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

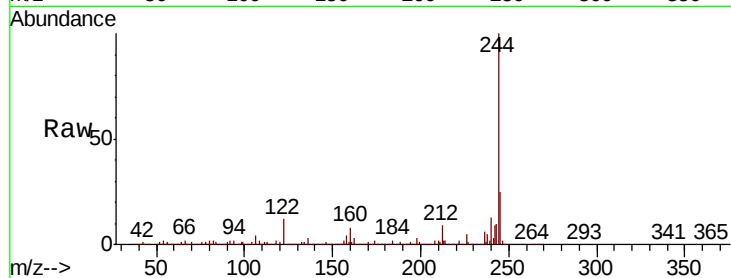
Tot Ion:244 Resp: 1752792

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.2

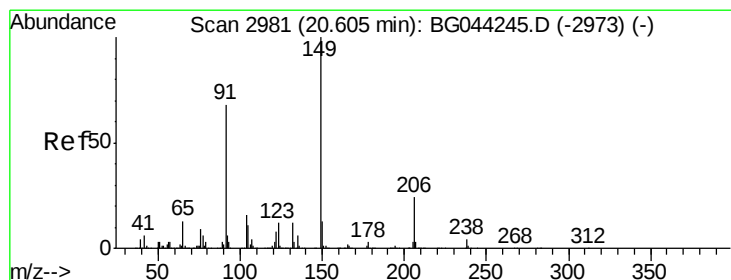
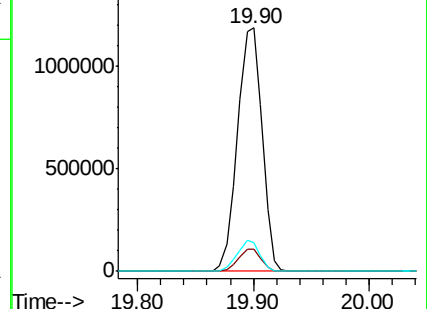
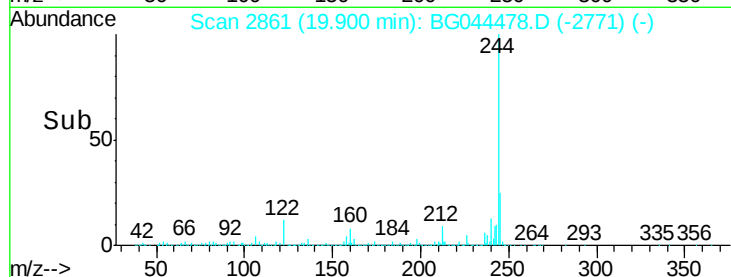
122 11.7 9.8 14.6



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: 46.262 ng

RT: 20.59 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

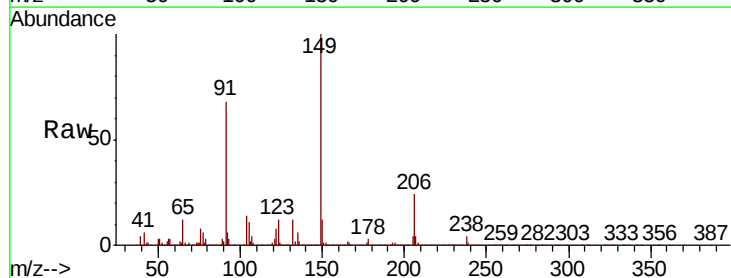
Tgt Ion:149 Resp: 538283

Ion Ratio Lower Upper

149 100

91 67.5 54.5 81.7

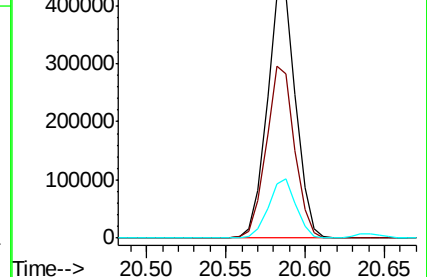
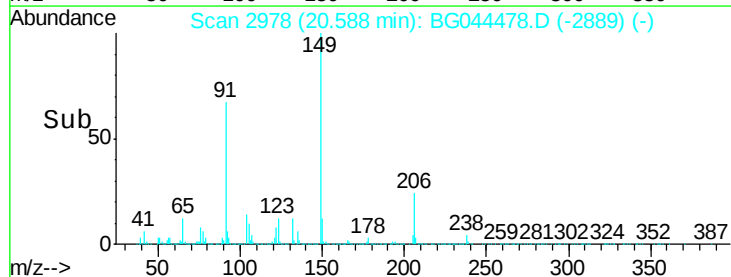
206 24.2 19.1 28.7

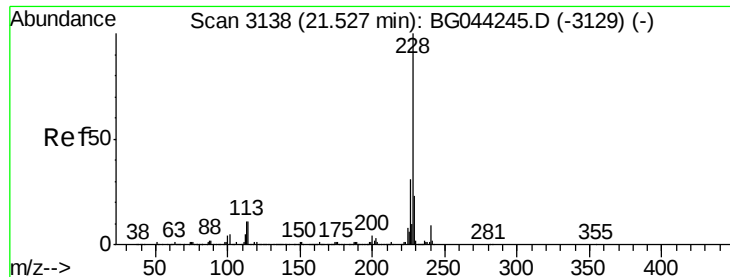


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.554 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampled :

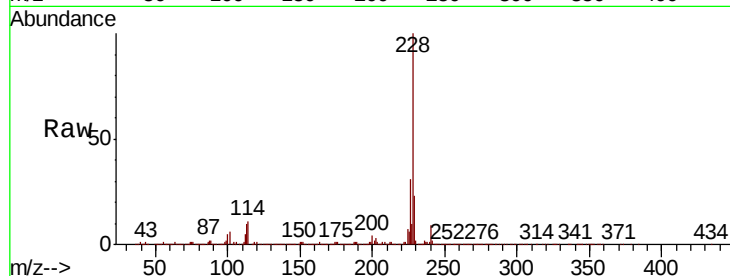
Tot Ion:228 Resp: 1165215

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

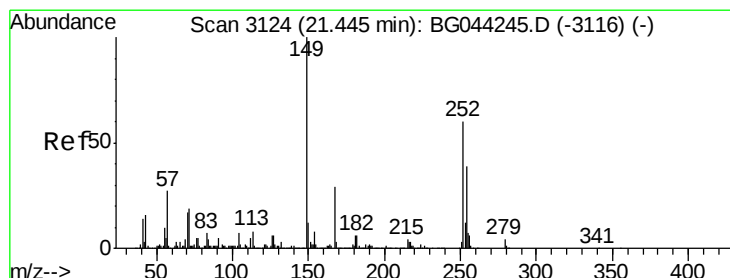
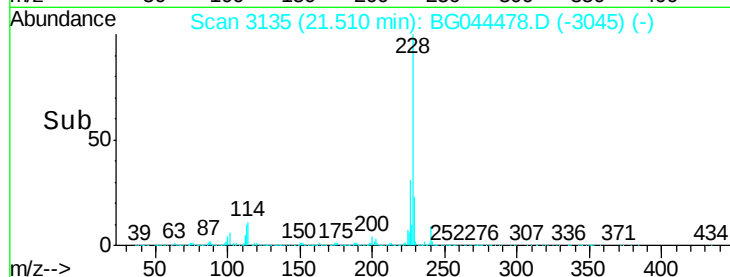
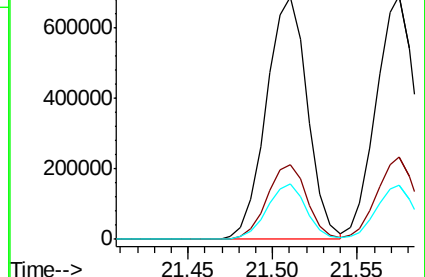
229 22.9 18.2 27.4



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: 14.929 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

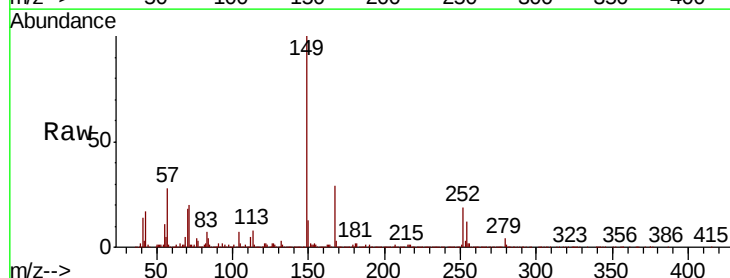
Tgt Ion:252 Resp: 141970

Ion Ratio Lower Upper

252 100

254 65.8 52.6 78.8

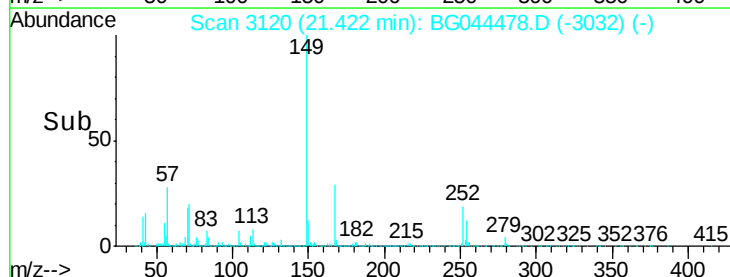
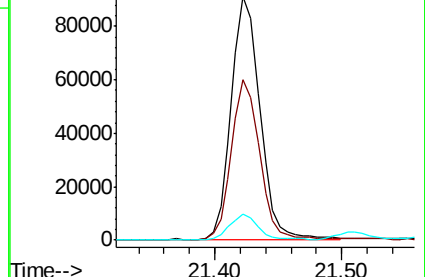
126 10.6 8.2 12.4

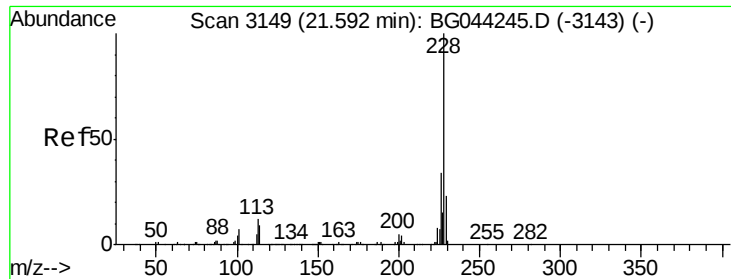


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.240 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampled :

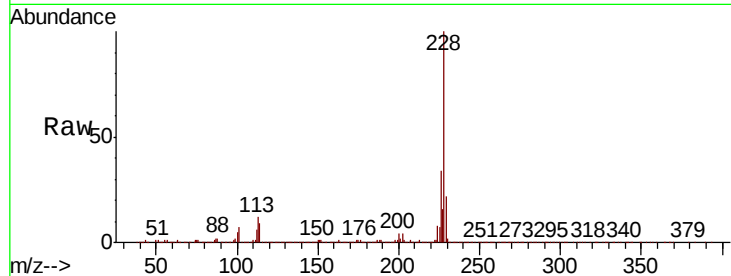
Tot Ion:228 Resp: 1118872

Ion Ratio Lower Upper

228 100

226 33.8 27.1 40.7

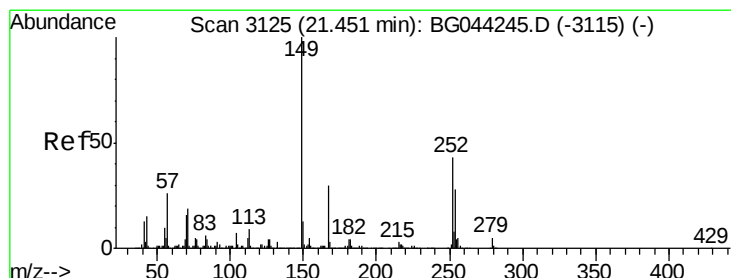
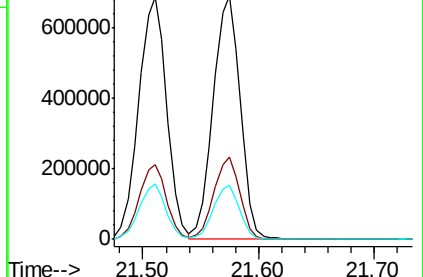
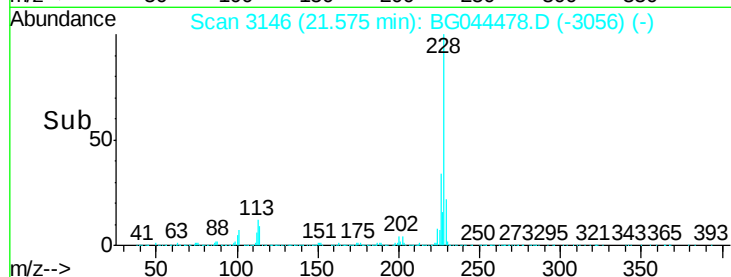
229 22.0 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.610 ng

RT: 21.43 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

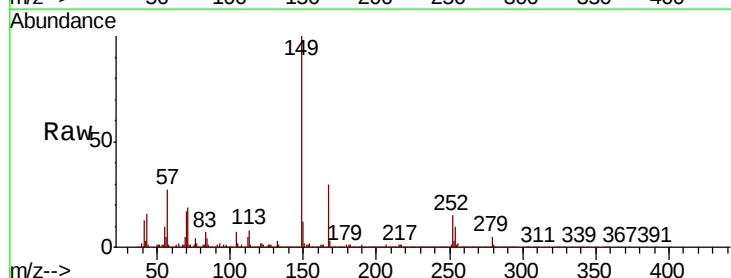
Tgt Ion:149 Resp: 762495

Ion Ratio Lower Upper

149 100

167 29.6 24.0 36.0

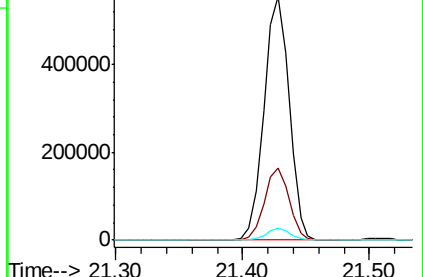
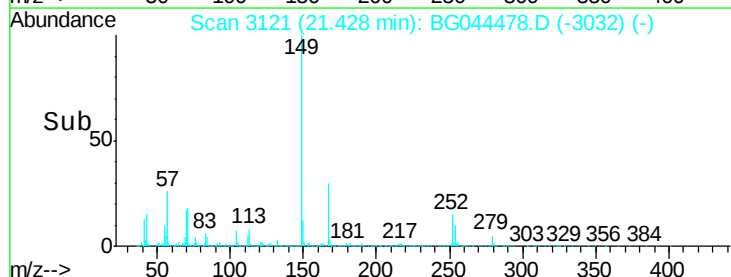
279 4.7 3.8 5.8

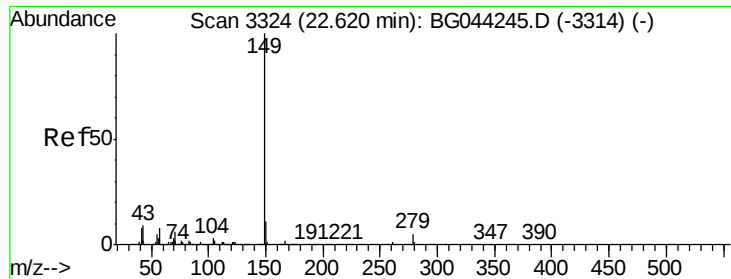


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.142 ng

RT: 22.59 min Scan# 3319

Delta R.T. -0.01 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

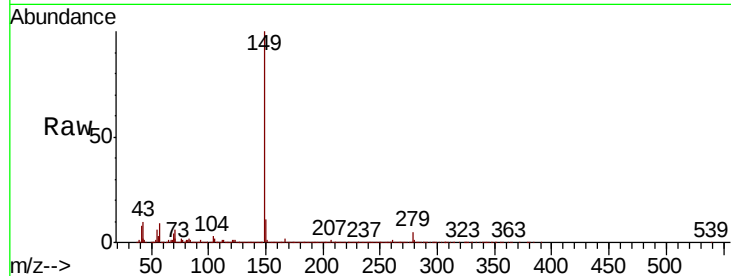
Tot Ion:149 Resp: 1334013

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

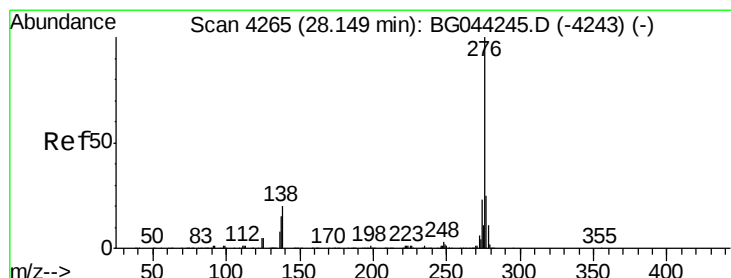
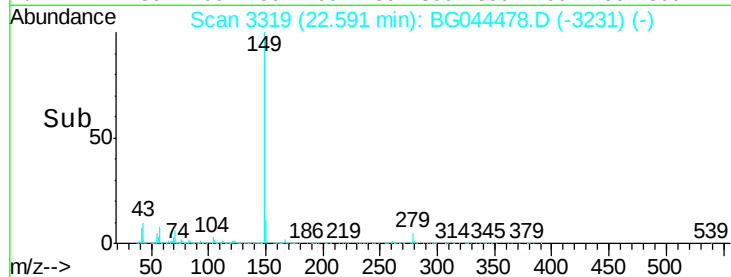
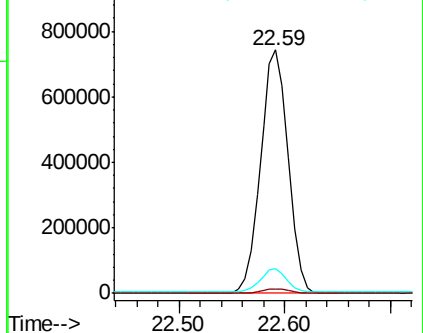
43 9.3 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.251 ng

RT: 28.11 min Scan# 4259

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

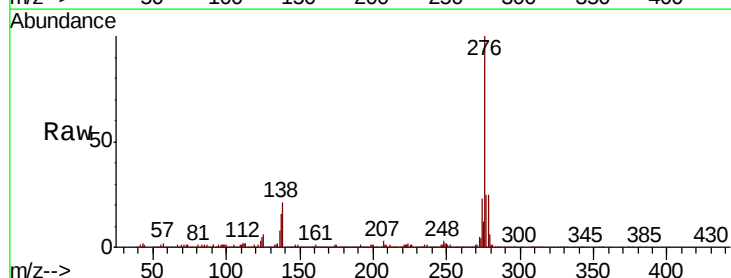
Tgt Ion:276 Resp: 1490963

Ion Ratio Lower Upper

276 100

138 12.6 19.4 29.0#

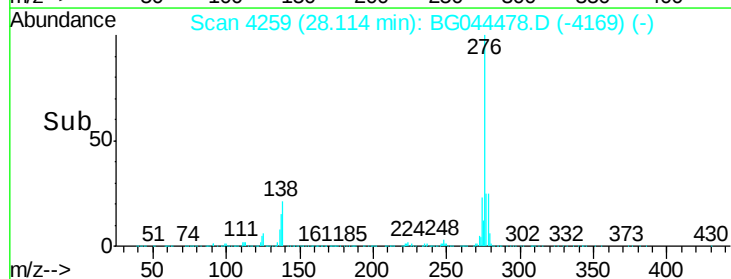
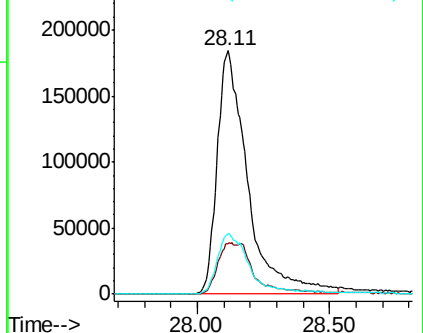
277 24.5 21.0 31.6

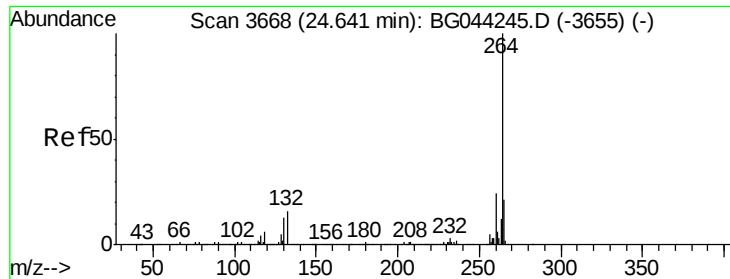


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

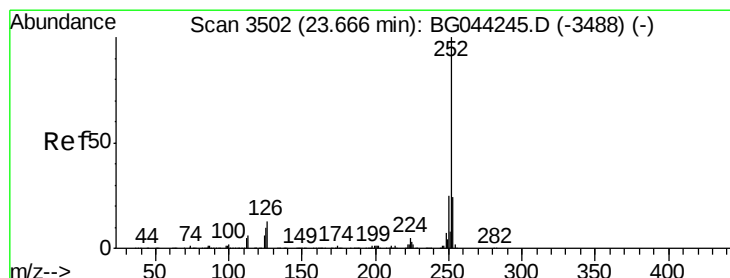
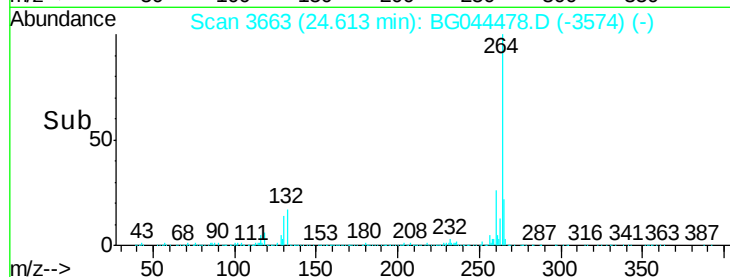
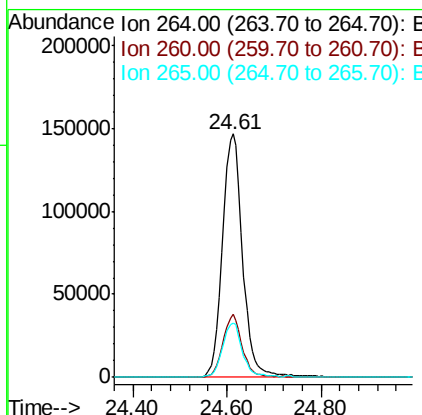
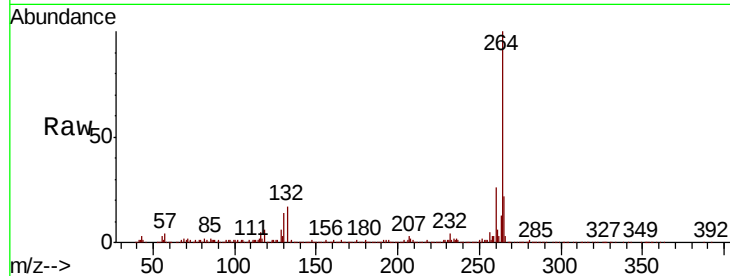




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

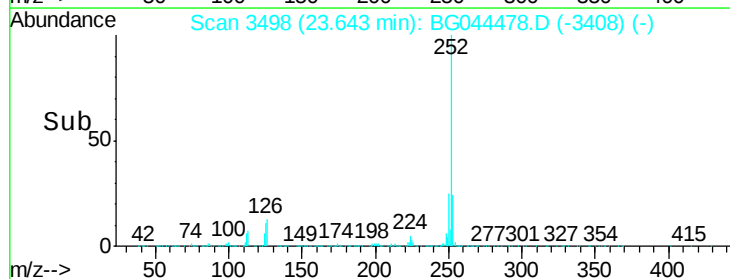
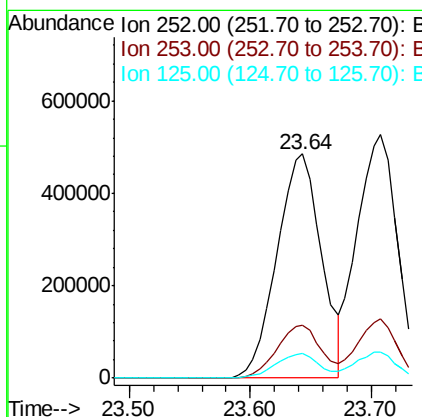
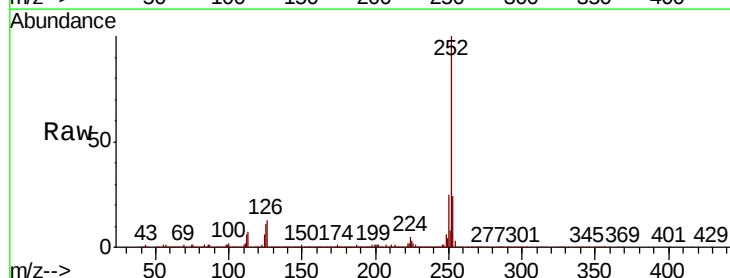
Instrument :
BNA_G
ClientSampleId :

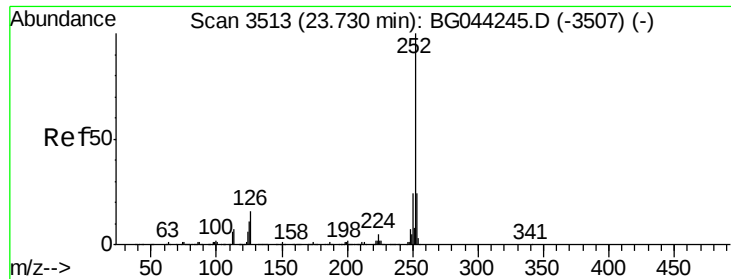
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.4	29.2
265	22.1	16.7	25.1



#88
Benzo(b)fluoranthene
Concen: 48.914 ng
RT: 23.64 min Scan# 3498
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	10.8	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 50.049 ng

RT: 23.71 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

Instrument :

BNA_G

ClientSampleId :

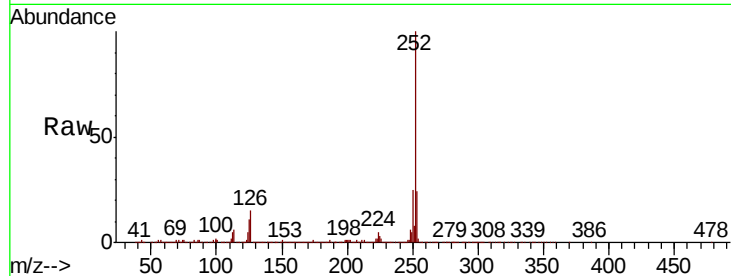
Tot Ion:252 Resp: 1232729

Ion Ratio Lower Upper

252 100

253 24.1 19.1 28.7

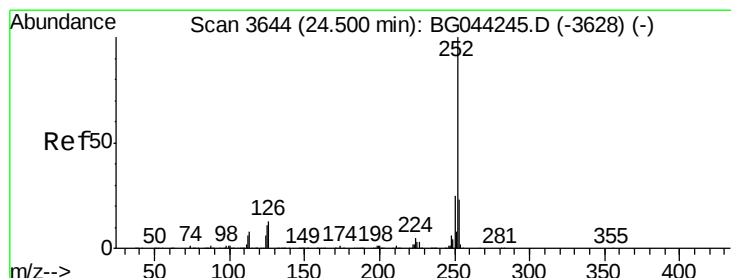
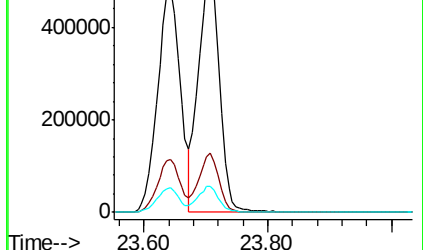
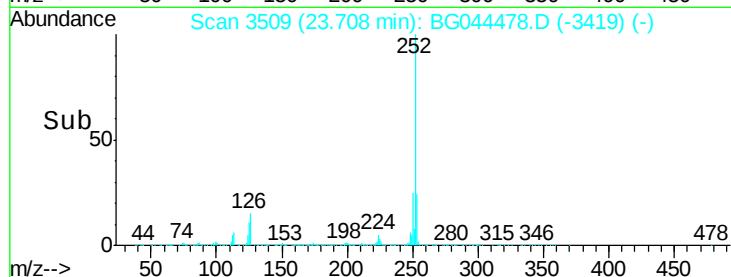
125 10.8 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.967 ng

RT: 24.47 min Scan# 3639

Delta R.T. -0.00 min

Lab File: BG044478.D

Acq: 18 Feb 2020 18:39

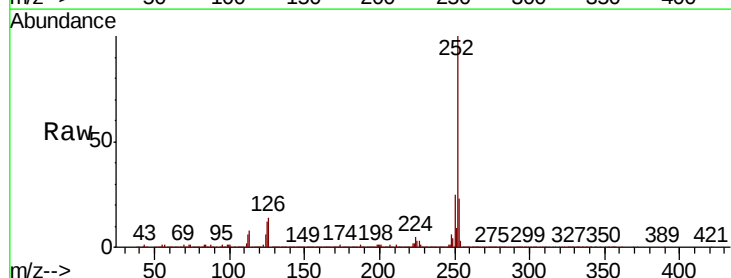
Tgt Ion:252 Resp: 1170011

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

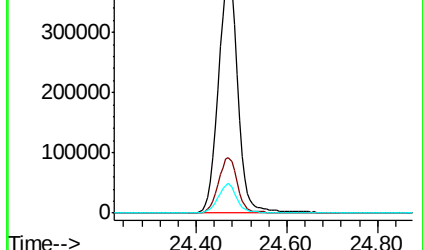
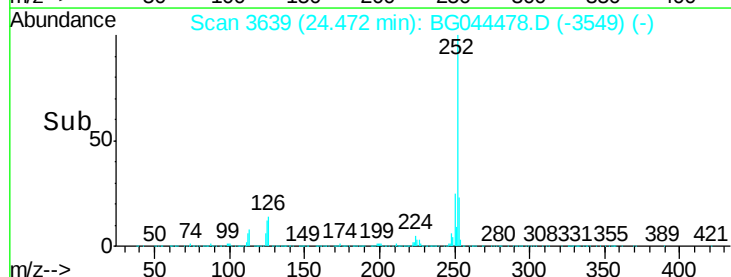
125 12.2 8.6 13.0

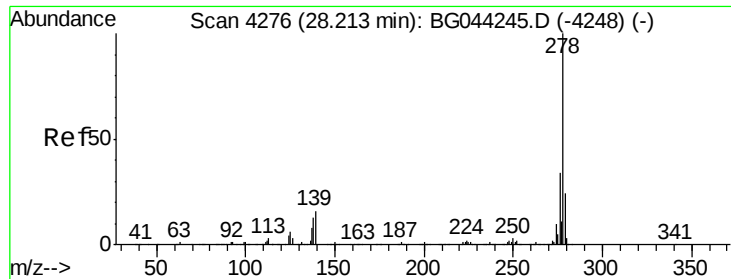


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

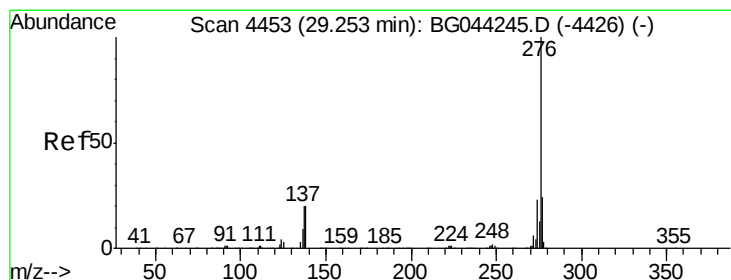
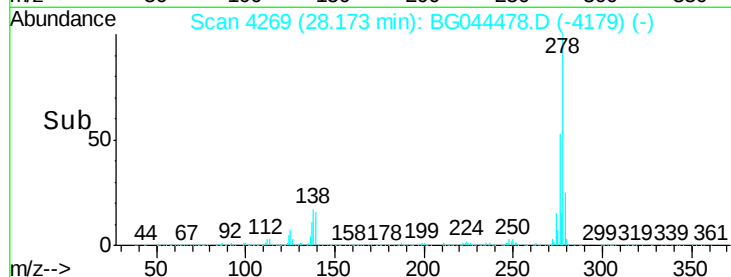
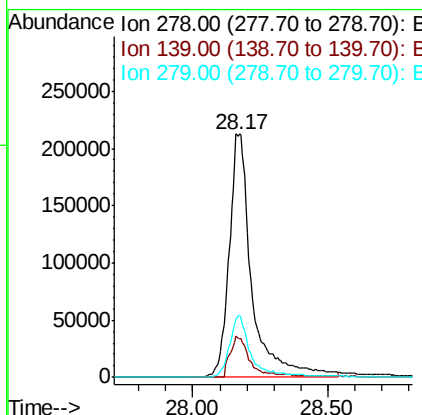
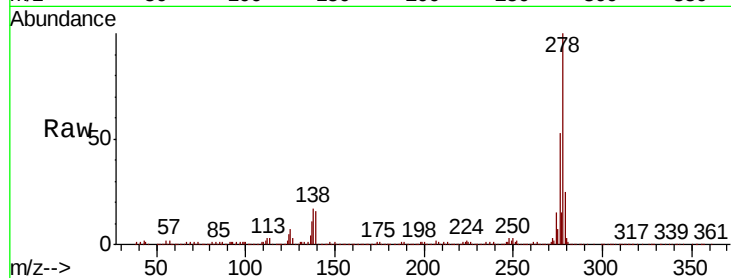




#91
Dibenzo(a,h)anthracene
Concen: 52.889 ng
RT: 28.17 min Scan# 4269
Delta R.T. -0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1250647
Ion Ratio Lower Upper
278 100
139 16.0 12.7 19.1
279 25.3 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 48.479 ng
RT: 29.21 min Scan# 4445
Delta R.T. 0.00 min
Lab File: BG044478.D
Acq: 18 Feb 2020 18:39

Tgt Ion:276 Resp: 1147607
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 20.4 16.2 24.2

