

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044518.D
 Acq On : 20 Feb 2020 13:17
 Operator : CG/JU
 Sample : PB126924BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:45:45 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	7.88	152	69126	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	290581	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	193486	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	423085	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	377968	20.00	ng	-0.02
87) Perylene-d12	24.58	264	385877	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	557125	142.24	ng	-0.02
7) Phenol-d6	7.06	99	743182	141.30	ng	-0.02
23) Nitrobenzene-d5	9.04	82	384282	74.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.01	330	304315	133.98	ng	-0.02
45) 2-Fluorobiphenyl	13.15	172	909798	78.74	ng	-0.02
79) Terphenyl-d14	19.89	244	1401022	76.24	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	69600	39.550	ng	98
3) Pyridine	3.73	79	170755	36.420	ng	97
4) n-Nitrosodimethylamine	3.65	42	86153	43.973	ng	97
6) Aniline	7.21	93	244724	37.484	ng	99
8) 2-Chlorophenol	7.45	128	222886	51.777	ng	99
9) Benzaldehyde	7.01	77	90840	30.325	ng	98
10) Phenol	7.09	94	273888	52.616	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	200823	45.126	ng	97
12) 1,3-Dichlorobenzene	7.77	146	230382	44.824	ng	99
13) 1,4-Dichlorobenzene	7.92	146	234105	45.989	ng	99
14) 1,2-Dichlorobenzene	8.23	146	219298	45.577	ng	99
15) Benzyl Alcohol	8.12	79	183445	49.263	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.42	45	261123	43.352	ng	99
17) 2-Methylphenol	8.33	107	195785	52.716	ng	100
18) Hexachloroethane	8.96	117	84745	44.364	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	160385	45.754	ng	97
20) 3+4-Methylphenols	8.66	107	267567	52.276	ng	98
22) Acetophenone	8.70	105	301218	42.611	ng	99
24) Nitrobenzene	9.08	77	227773	45.330	ng	99
25) Isophorone	9.61	82	444143	46.297	ng	99
26) 2-Nitrophenol	9.80	139	130547	50.070	ng	99
27) 2,4-Dimethylphenol	9.86	122	214321	58.232	ng	98
28) bis(2-Chloroethoxy)methane	10.09	93	279533	43.679	ng	99
29) 2,4-Dichlorophenol	10.34	162	228890	51.433	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	227783	44.638	ng	99
31) Naphthalene	10.73	128	657412	46.631	ng	100
32) Benzoic acid	10.04	122	68126	33.976	ng	92
33) 4-Chloroaniline	10.84	127	180599	28.166	ng	99
34) Hexachlorobutadiene	11.03	225	134308	42.774	ng	99
35) Caprolactam	11.61	113	45268	27.768	ng	96
36) 4-Chloro-3-methylphenol	11.98	107	234286	50.212	ng	99
37) 2-Methylnaphthalene	12.35	142	497599	47.538	ng	98
38) 1-Methylnaphthalene	12.56	142	466161	47.237	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	251381	43.433	ng	99

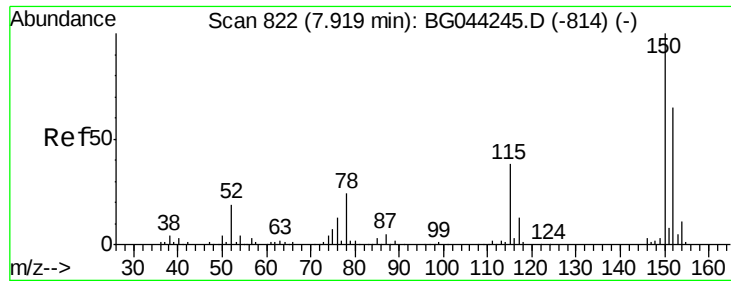
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	243693	87.749	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	179895	48.086	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	193417	50.618	ng	99
46) 1,1'-Biphenyl	13.36	154	626748	44.908	ng	99
47) 2-Chloronaphthalene	13.40	162	490502	44.166	ng	99
48) 2-Nitroaniline	13.60	65	144176	43.989	ng	98
49) Acenaphthylene	14.25	152	774365	47.539	ng	99
50) Dimethylphthalate	13.98	163	627134	45.091	ng	99
51) 2,6-Dinitrotoluene	14.10	165	143573	46.298	ng	96
52) Acenaphthene	14.59	154	475852	45.070	ng	98
53) 3-Nitroaniline	14.43	138	102911	29.995	ng	98
54) 2,4-Dinitrophenol	14.64	184	161823	87.297	ng	99
55) Dibenzofuran	14.92	168	741735	46.400	ng	99
56) 4-Nitrophenol	14.76	139	251083	99.908	ng	96
57) 2,4-Dinitrotoluene	14.89	165	201549	46.371	ng	95
58) Fluorene	15.57	166	589254	46.801	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	169837	49.207	ng	98
60) Diethylphthalate	15.35	149	621050	44.813	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	307185	44.997	ng	99
62) 4-Nitroaniline	15.59	138	143616	41.892	ng	97
63) Azobenzene	15.86	77	550573	45.329	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	125624	53.791	ng	97
66) n-Nitrosodiphenylamine	15.78	169	549201	46.320	ng	99
67) 4-Bromophenyl-phenylether	16.46	248	209126	45.369	ng	97
68) Hexachlorobenzene	16.58	284	229457	44.433	ng	100
69) Atrazine	16.73	200	209689	51.598	ng	99
70) Pentachlorophenol	16.93	266	238330	90.822	ng	96
71) Phenanthrene	17.31	178	943819	46.069	ng	99
72) Anthracene	17.40	178	972096	47.993	ng	99
73) Carbazole	17.67	167	879244	47.087	ng	100
74) Di-n-butylphthalate	18.23	149	1069994	46.370	ng	99
75) Fluoranthene	19.32	202	1137069	47.978	ng	100
77) Benzidine	19.50	184	382654	36.499	ng	97
78) Pyrene	19.69	202	1141846	47.041	ng	98
80) Butylbenzylphthalate	20.57	149	492531	44.526	ng	100
81) Benzo(a)anthracene	21.50	228	1090660	46.820	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	341256	37.746	ng	99
83) Chrysene	21.56	228	1041122	46.239	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	684427	44.953	ng	100
85) Di-n-octyl phthalate	22.57	149	1225222	46.510	ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1345608	45.807	ng	99
88) Benzo(b)fluoranthene	23.62	252	1144445	51.469	ng	99
89) Benzo(k)fluoranthene	23.68	252	1143788	52.778	ng	99
90) Benzo(a)pyrene	24.44	252	1066557	50.732	ng	100
91) Dibenzo(a,h)anthracene	28.13	278	1117234	53.697	ng	99
92) Benzo(g,h,i)perylene	29.16	276	1133276	54.410	ng	99

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

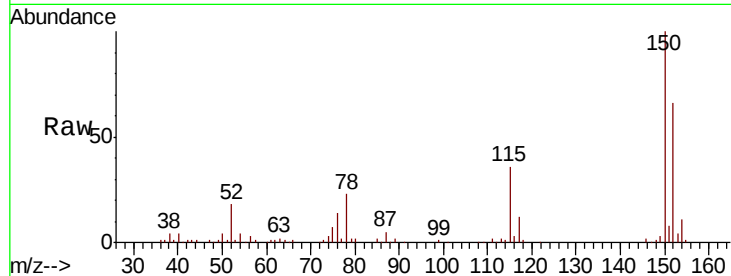


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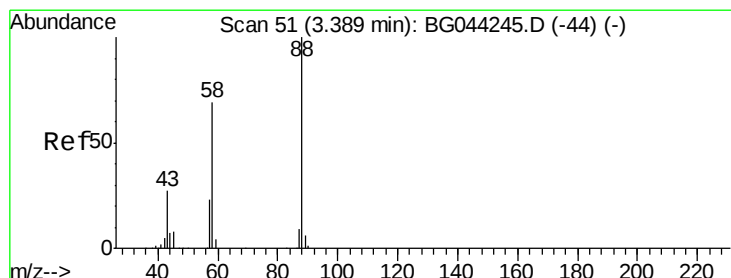
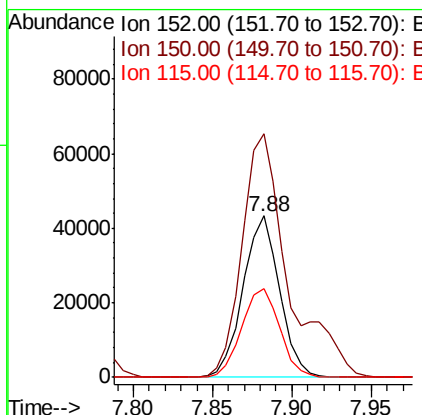
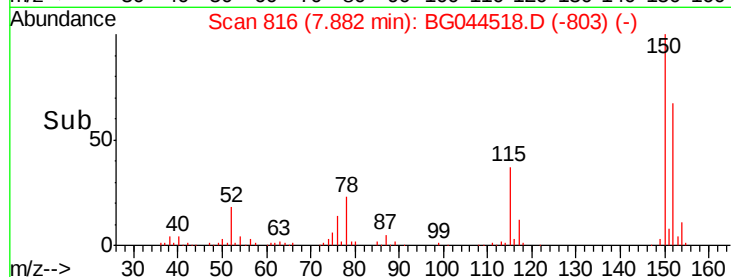
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 69126
Ion Ratio Lower Upper
152 100
150 150.7 122.6 183.8
115 55.0 46.0 69.0



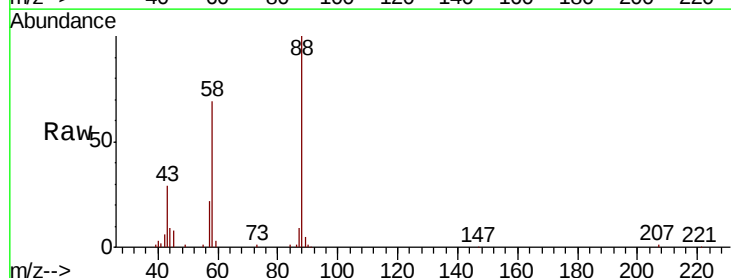
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



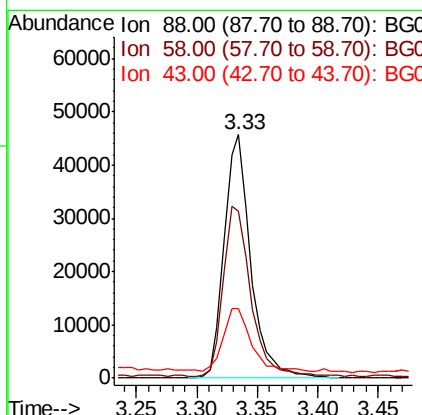
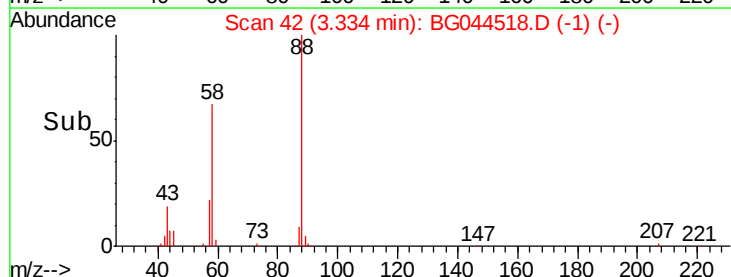
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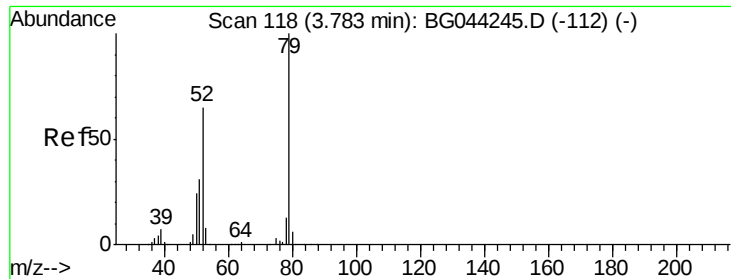
1,4-Dioxane
Concen: 39.550 ng
RT: 3.33 min Scan# 42
Delta R.T. -0.03 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion: 88 Resp: 69600
Ion Ratio Lower Upper
88 100
58 71.4 55.8 83.6
43 26.8 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: 36.420 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.04 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampleId :

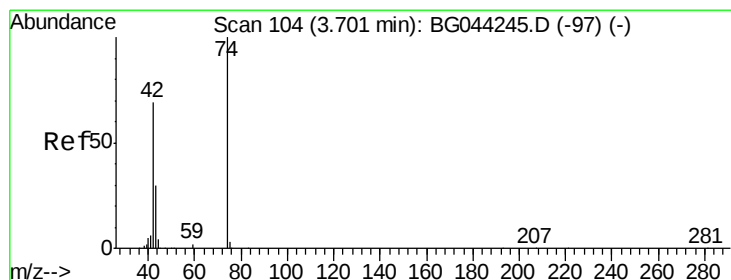
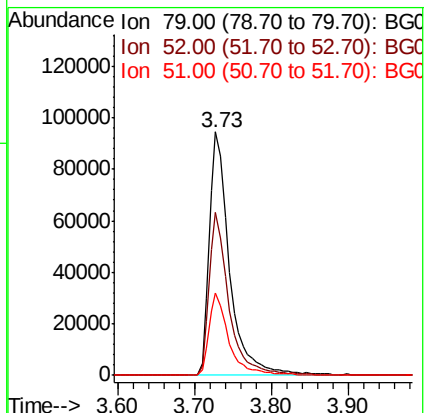
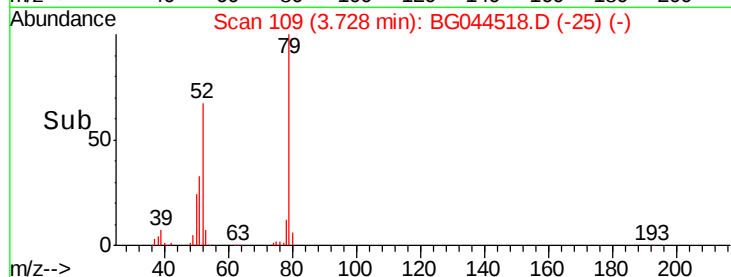
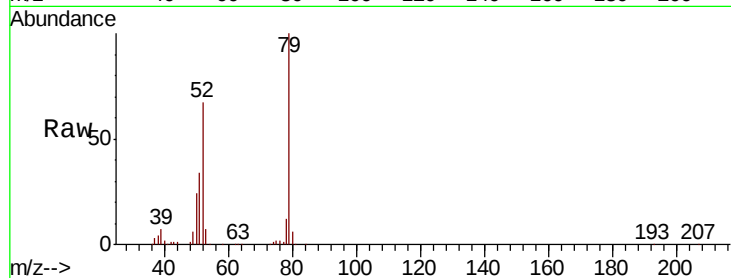
Tot Ion: 79 Resp: 170755

Ion Ratio Lower Upper

79 100

52 67.1 51.9 77.9

51 33.6 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 43.973 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.03 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

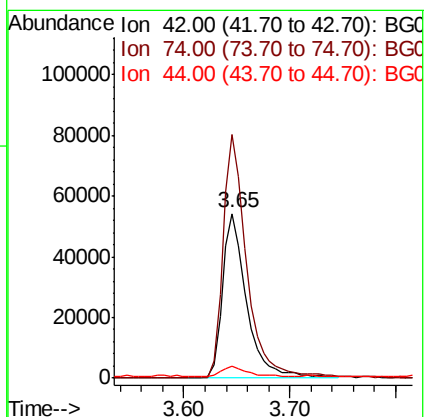
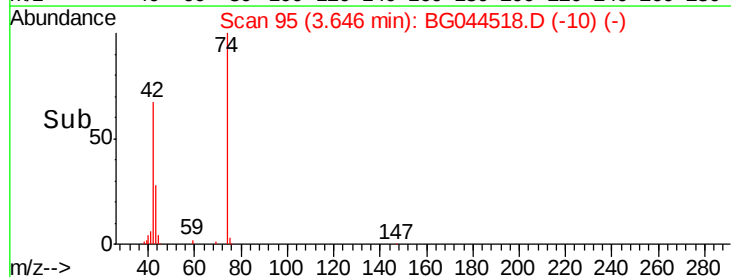
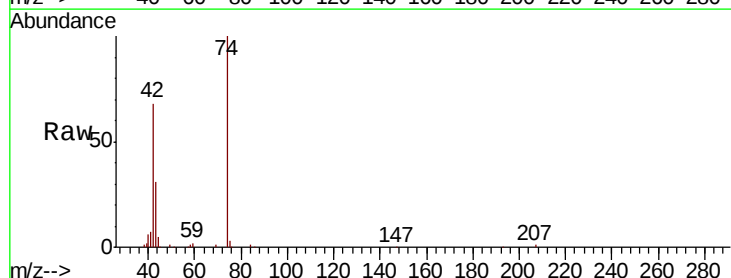
Tgt Ion: 42 Resp: 86153

Ion Ratio Lower Upper

42 100

74 147.8 115.1 172.7

44 7.5 5.6 8.4





#5

2-Fluorophenol

Concen: 142.238 ng

RT: 5.46 min Scan# 404

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampled :

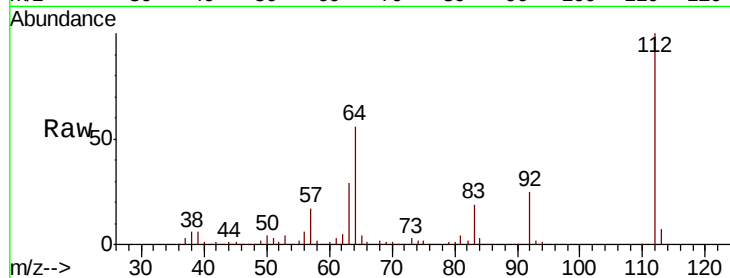
Tot Ion: 112 Resp: 557125

Ion Ratio Lower Upper

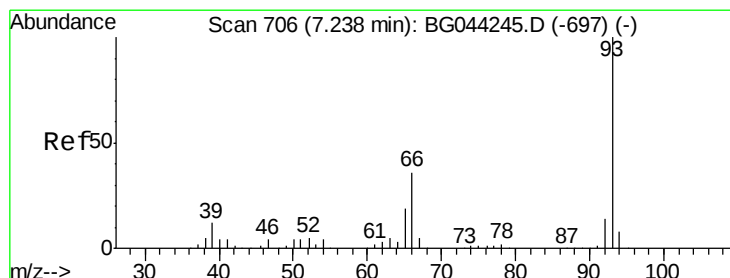
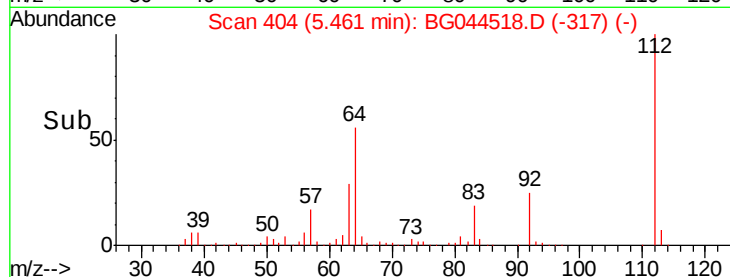
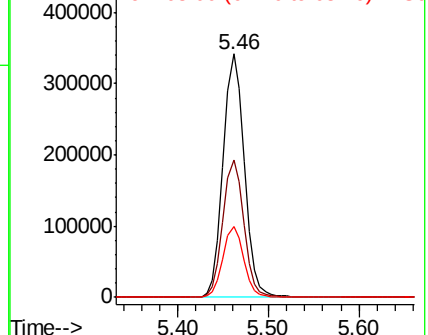
112 100

64 56.5 45.4 68.2

63 29.2 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: 37.484 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

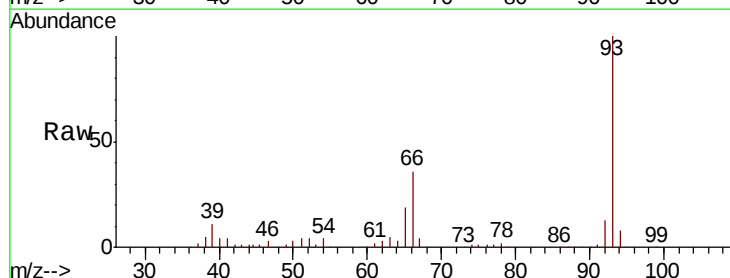
Tgt Ion: 93 Resp: 244724

Ion Ratio Lower Upper

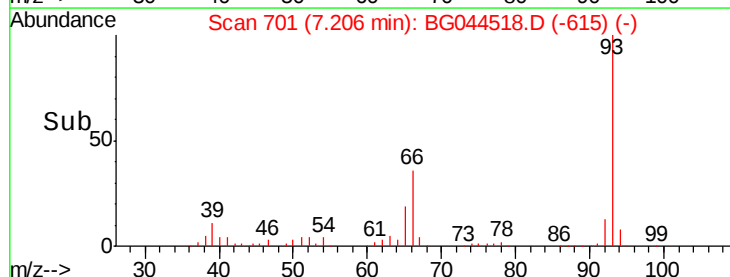
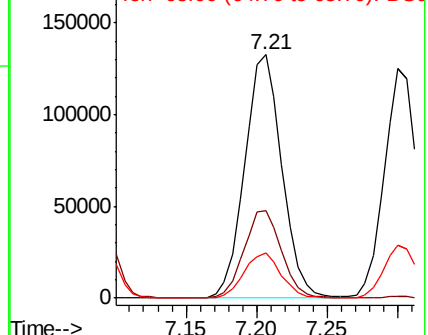
93 100

66 35.8 28.7 43.1

65 18.6 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: 141.297 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampled :

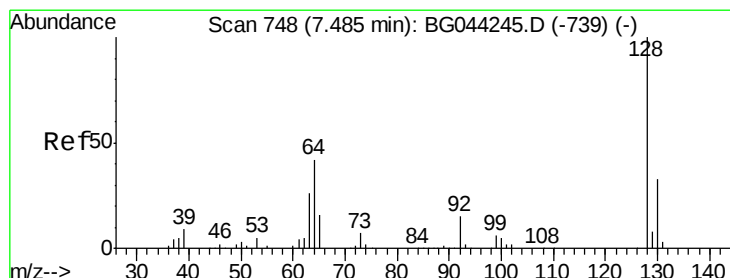
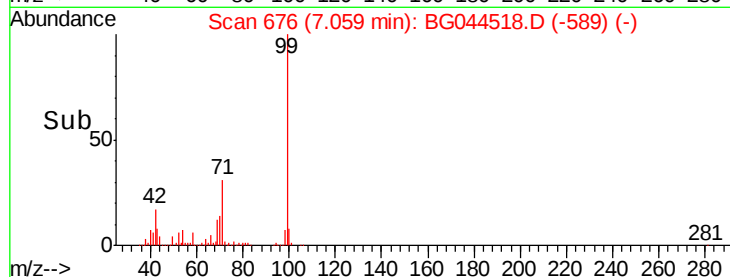
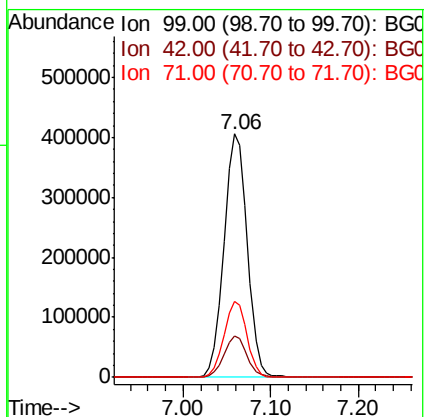
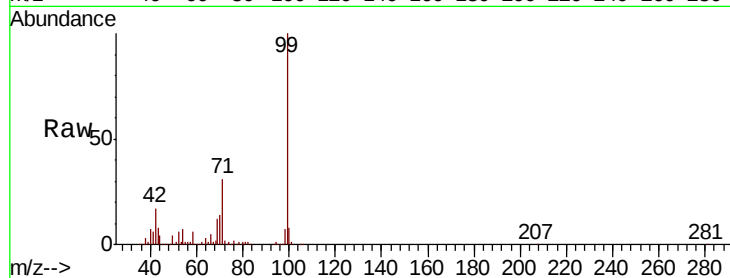
Tot Ion: 99 Resp: 743182

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.6

71 31.4 25.5 38.3



#8

2-Chlorophenol

Concen: 51.777 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

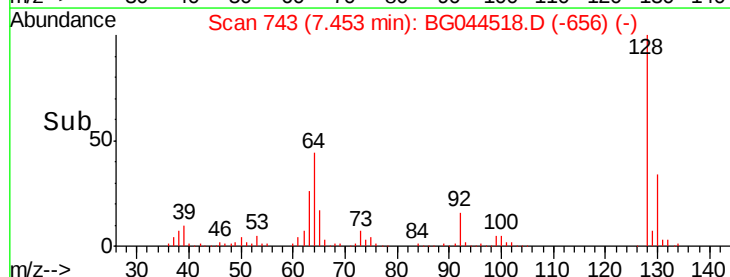
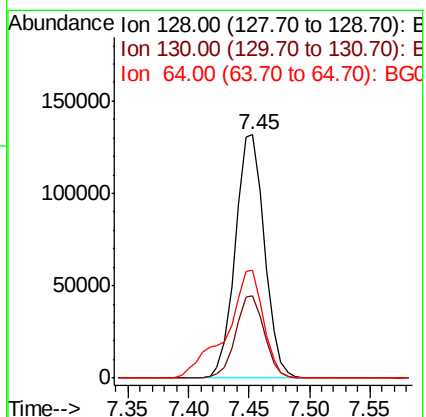
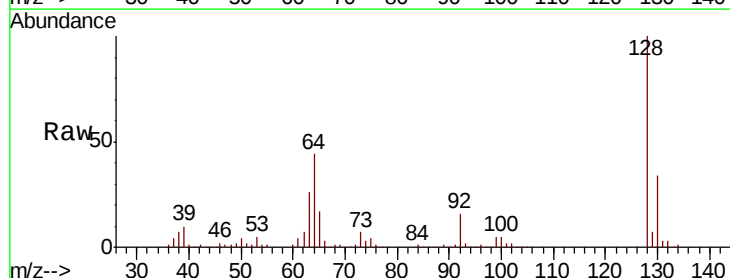
Tgt Ion: 128 Resp: 222886

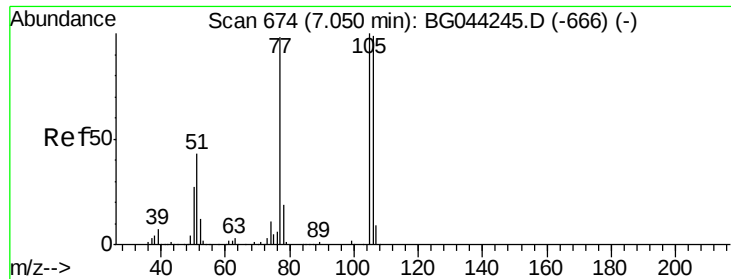
Ion Ratio Lower Upper

128 100

130 34.1 12.5 52.5

64 44.3 24.2 64.2





#9

Benzaldehyde

Concen: 30.325 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampleId :

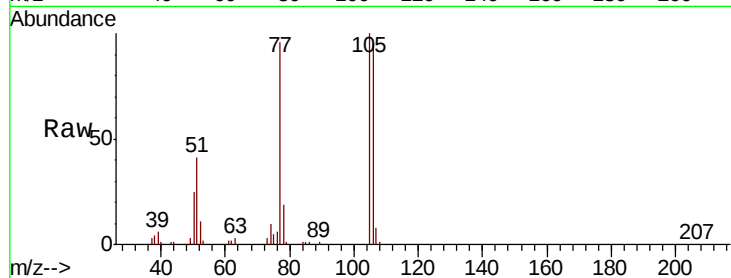
Tot Ion: 77 Resp: 90840

Ion Ratio Lower Upper

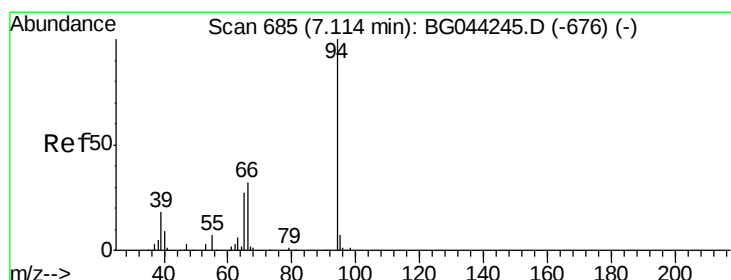
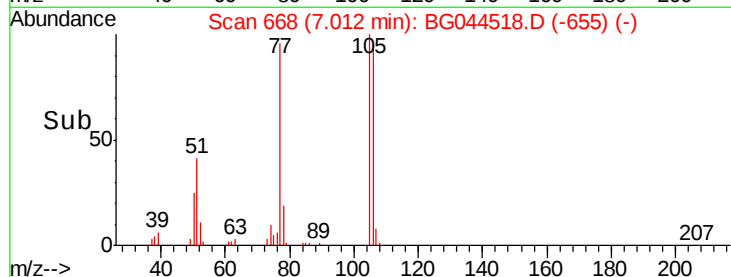
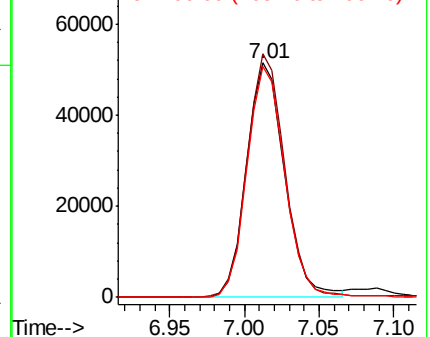
77 100

105 103.9 82.0 122.0

106 98.4 80.7 120.7



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



#10

Phenol

Concen: 52.616 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

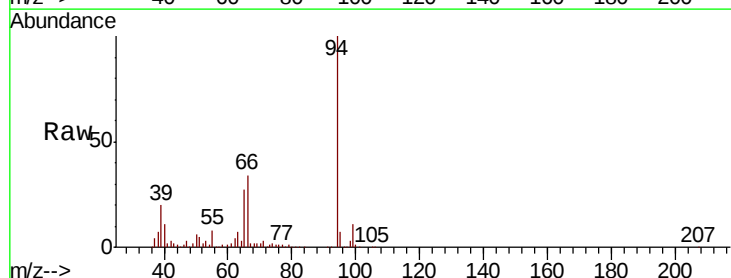
Tgt Ion: 94 Resp: 273888

Ion Ratio Lower Upper

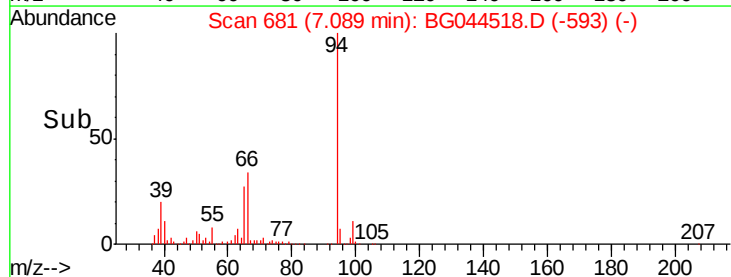
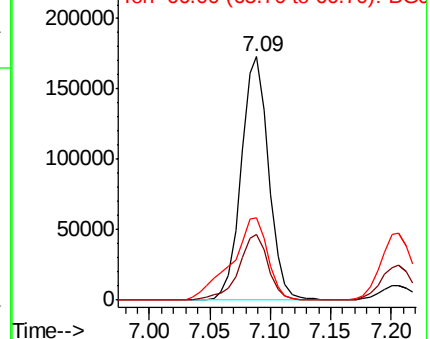
94 100

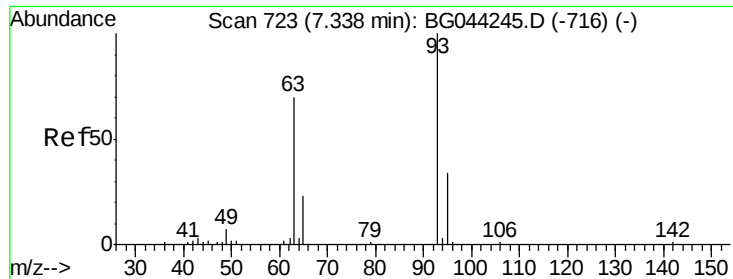
65 27.0 7.0 47.0

66 33.9 12.7 52.7



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

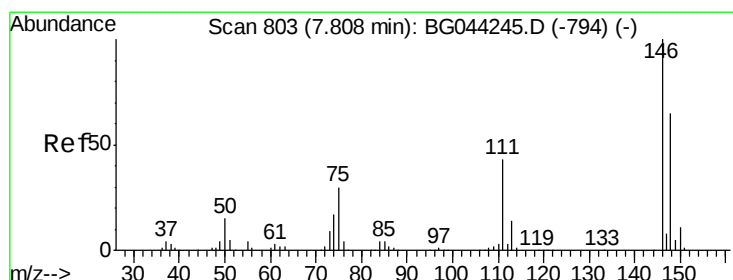
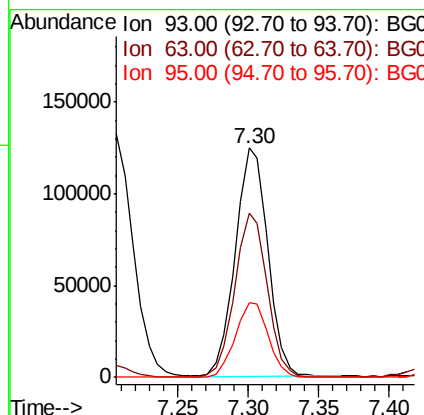
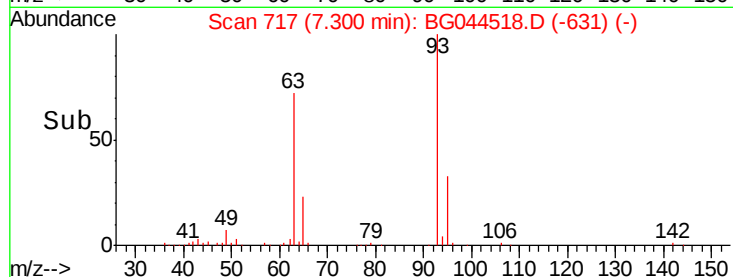
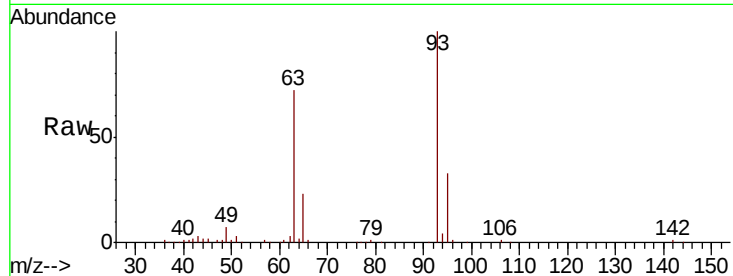




#11
bis(2-Chloroethyl)ether
Concen: 45.126 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

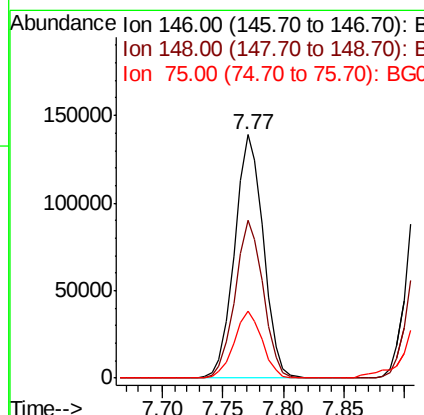
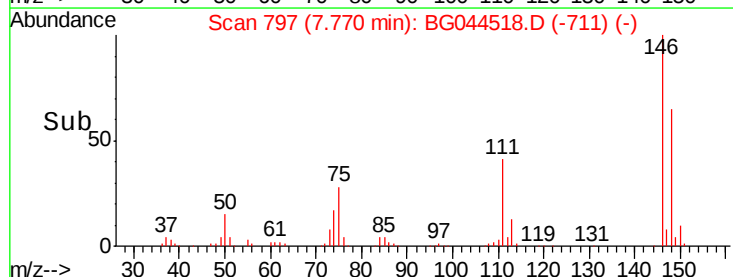
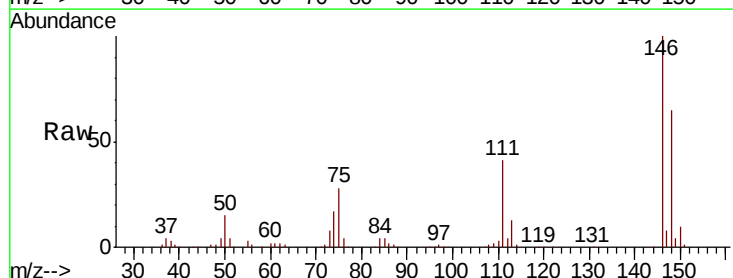
Instrument :
BNA_G
ClientSampleId :

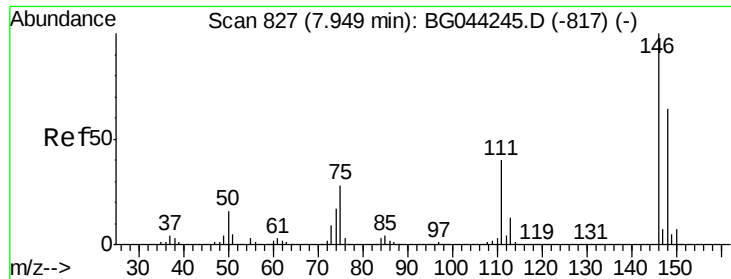
Tot Ion: 93 Resp: 200823
Ion Ratio Lower Upper
93 100
63 71.9 49.2 89.2
95 32.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 44.824 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion: 146 Resp: 230382
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 27.5 23.7 35.5

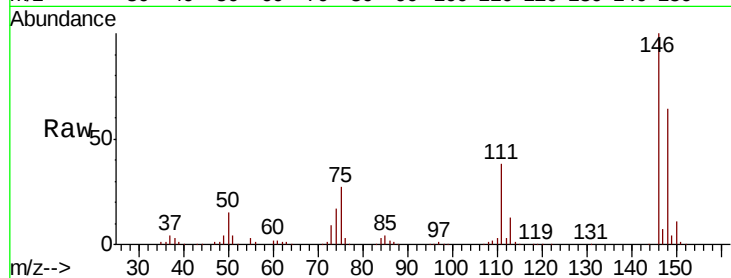




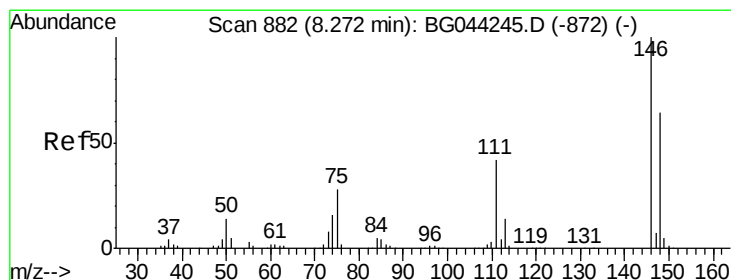
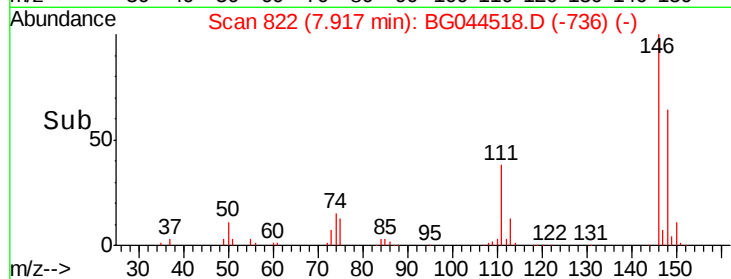
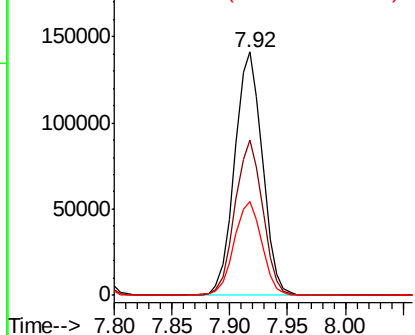
#13
 1,4-Dichlorobenzene
 Concen: 45.989 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	38.4	31.8	47.8

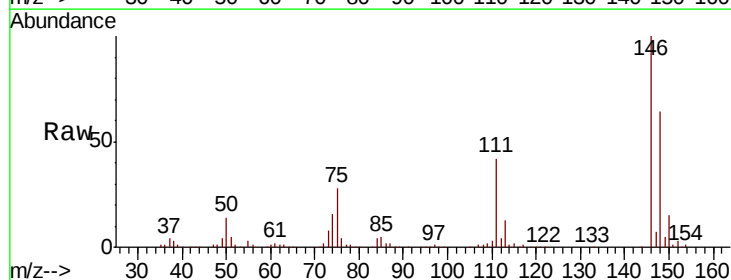


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

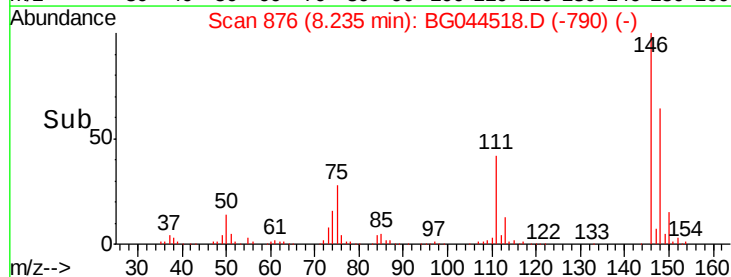
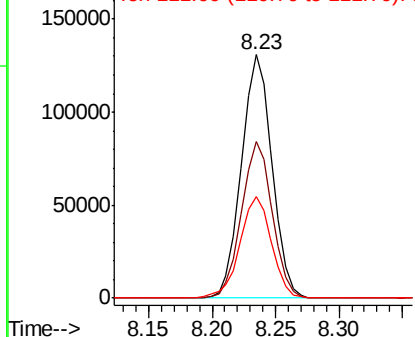


#14
 1,2-Dichlorobenzene
 Concen: 45.577 ng
 RT: 8.23 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	41.5	34.0	51.0



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





#15

Benzyl Alcohol

Concen: 49.263 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampled :

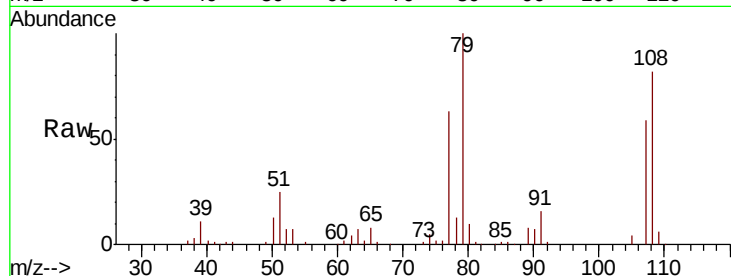
Tot Ion: 79 Resp: 183445

Ion Ratio Lower Upper

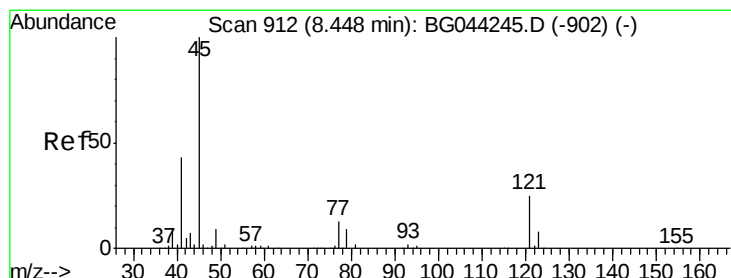
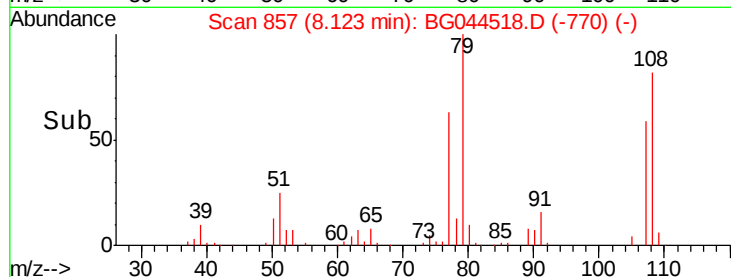
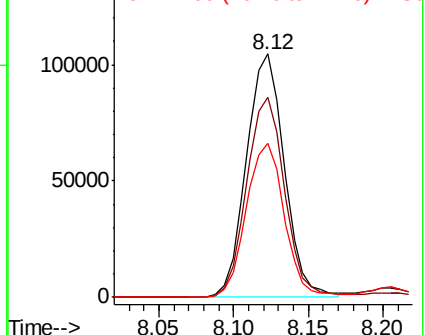
79 100

108 82.2 68.3 102.5

77 63.4 51.8 77.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.352 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

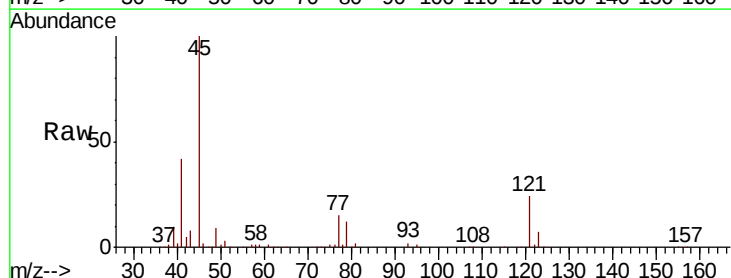
Tgt Ion: 45 Resp: 261123

Ion Ratio Lower Upper

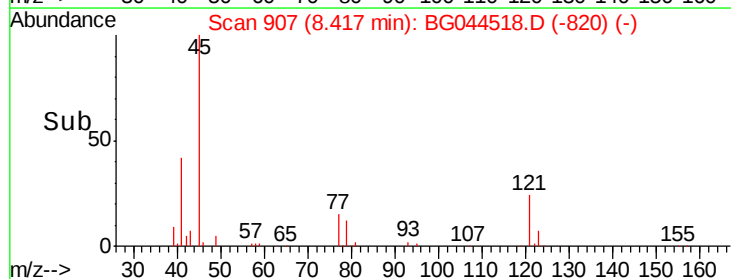
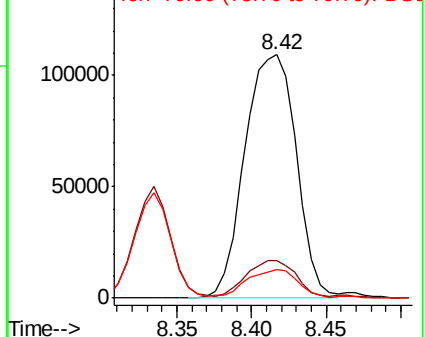
45 100

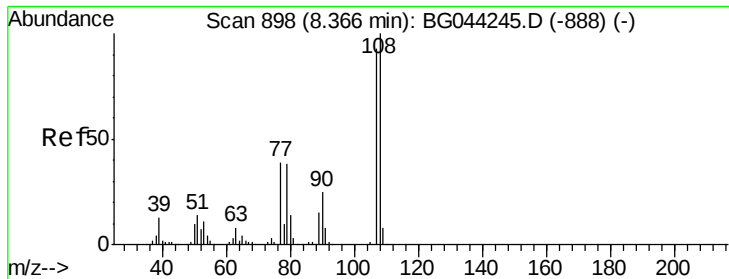
77 15.5 0.0 35.2

79 11.9 0.0 31.1



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

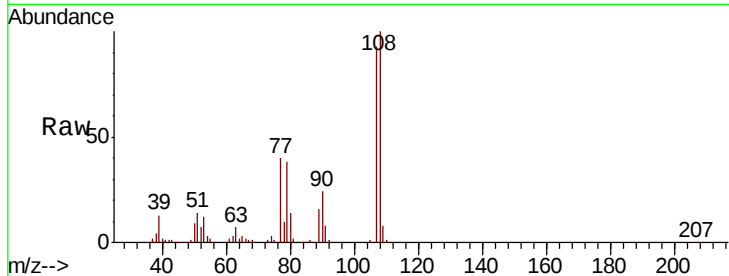




#17
2-Methylphenol
Concen: 52.716 ng
RT: 8.33 min Scan# 893
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	195785
Ion	Ratio	Lower	Upper
107	100		
108	107.9	86.4	129.6
77	42.9	34.0	51.0
79	40.8	32.9	49.3



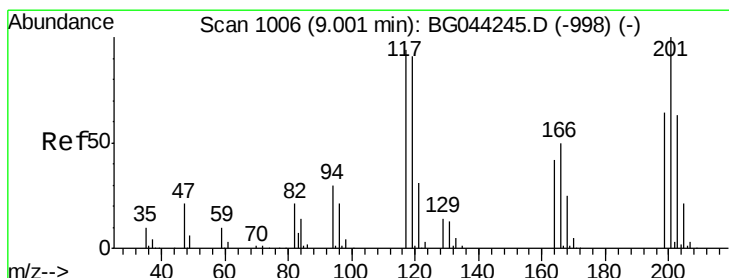
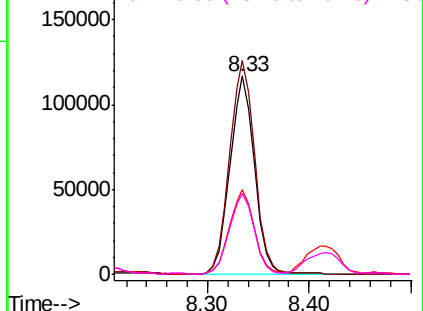
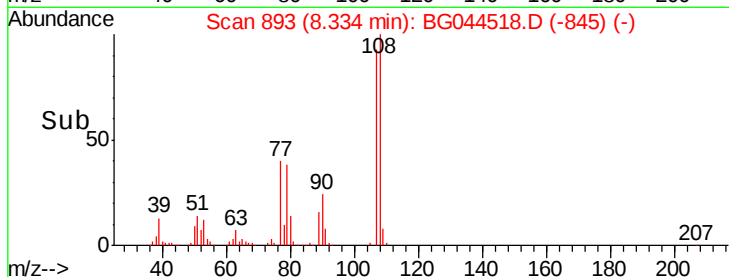
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

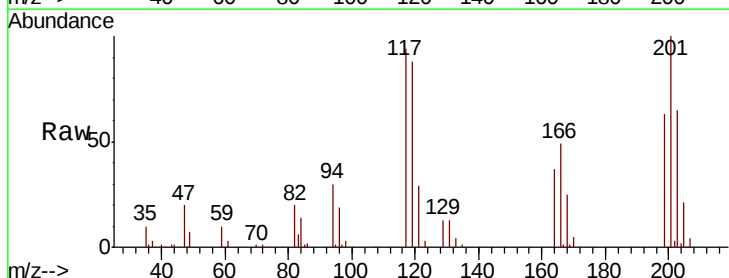
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 44.364 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion:	117	Resp:	84745
Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.5	116.3
201	106.0	84.9	127.3

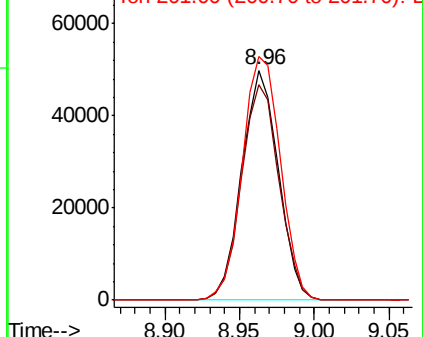
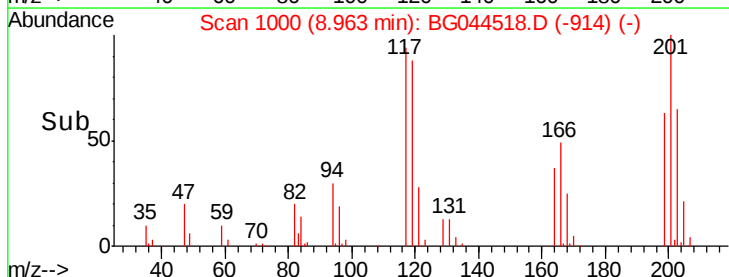


Abundance

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

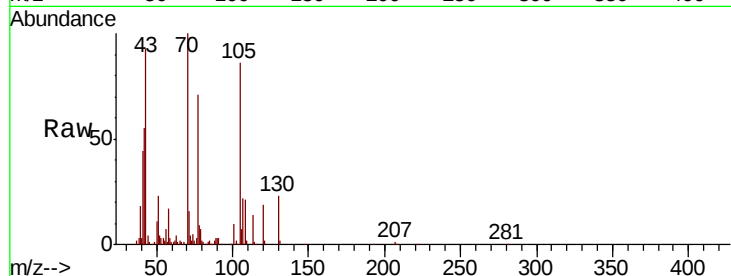




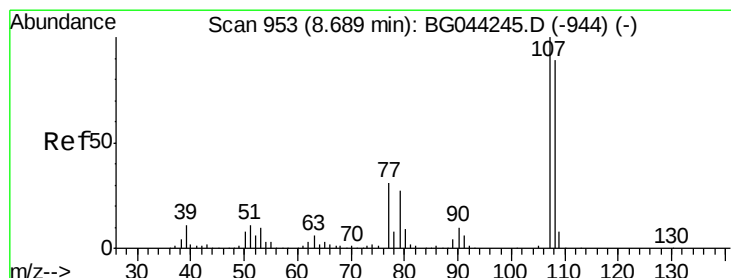
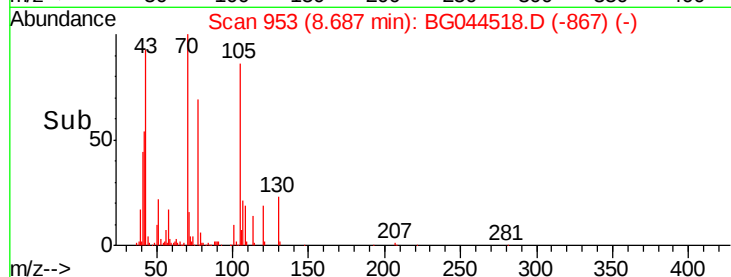
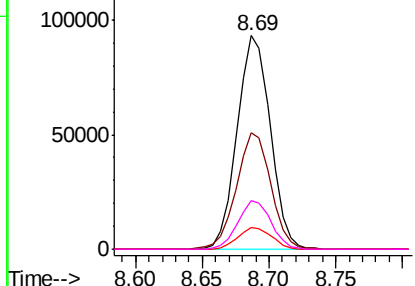
#19
n-Nitroso-di-n-propylamine
Concen: 45.754 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	160385
Ion	Ratio	Lower	Upper
70	100		
42	54.8	46.2	69.2
101	10.0	8.4	12.6
130	22.5	17.8	26.8

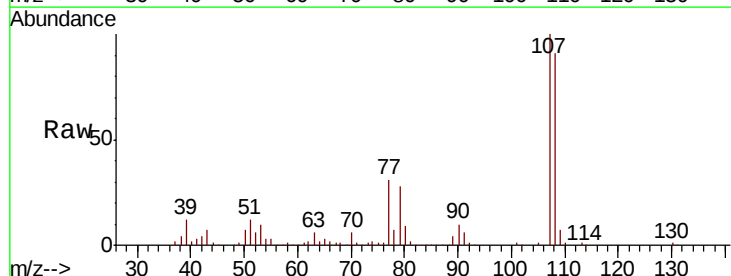


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

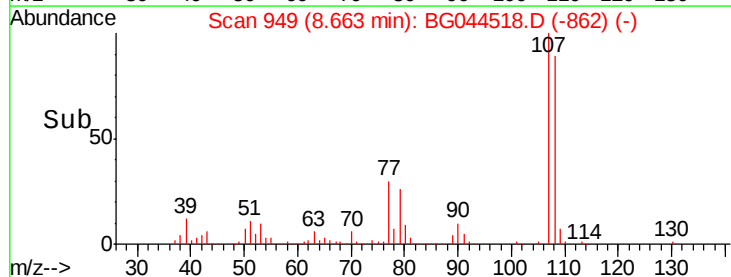
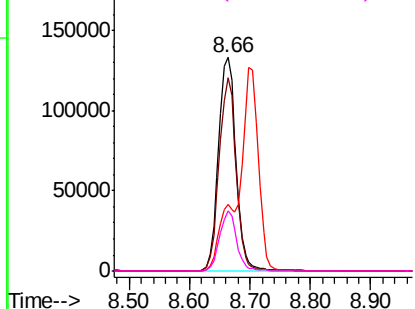


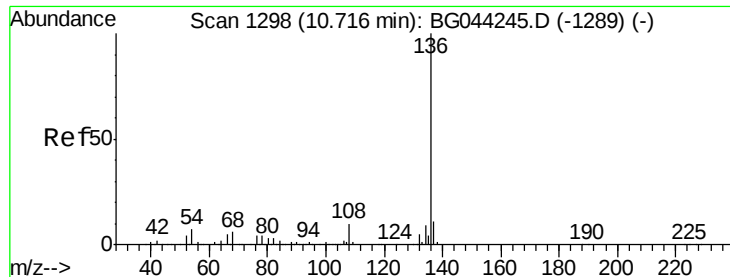
#20
3+4-Methylphenols
Concen: 52.276 ng
RT: 8.66 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion:	107	Resp:	267567
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.5	108.5
77	31.2	10.9	50.9
79	28.3	7.1	47.1



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

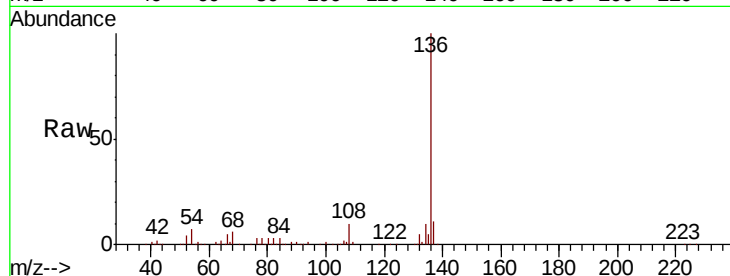




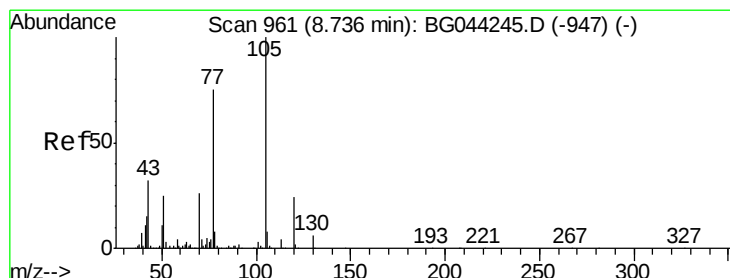
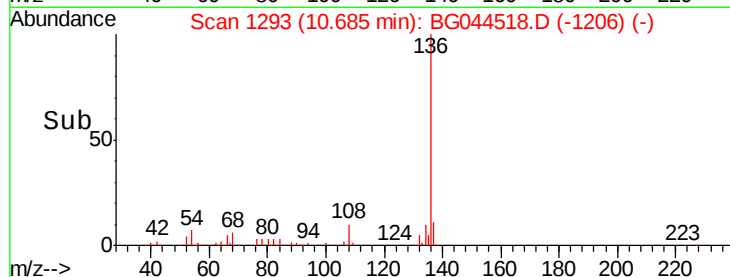
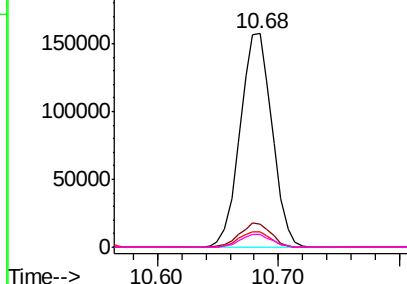
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	290581
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	7.2	5.8 8.8
68	6.1	4.6 6.8

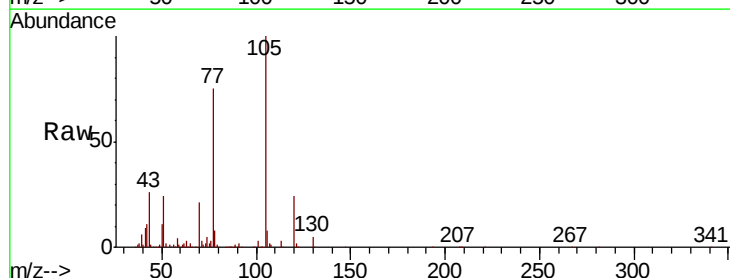


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

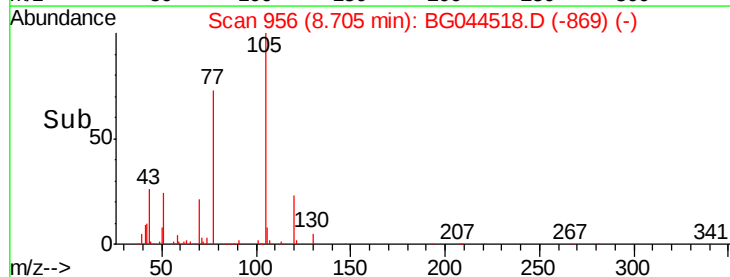
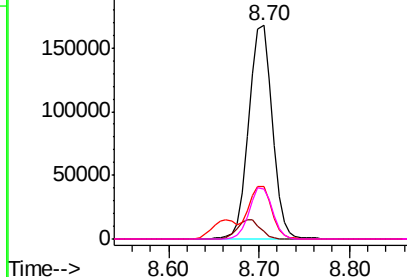


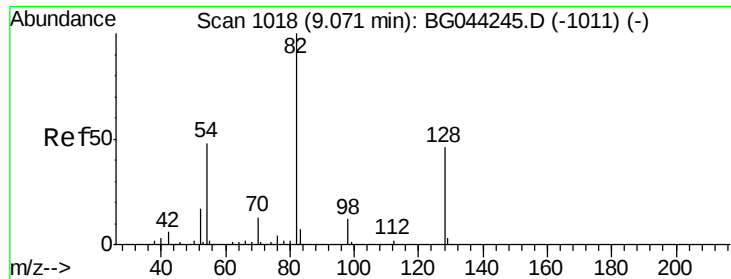
#22
Acetophenone
Concen: 42.611 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion:105	Resp:	301218
Ion Ratio	Lower	Upper
105	100	
71	3.4	3.4 5.0
51	24.4	20.2 30.4
120	23.5	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

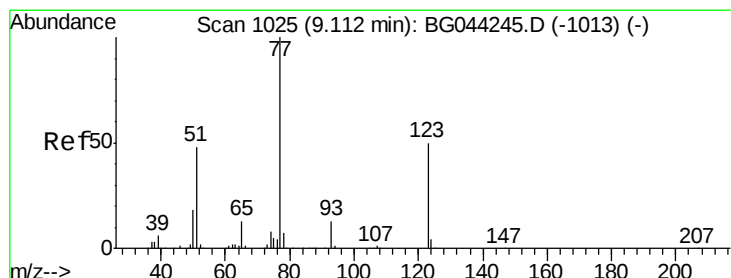
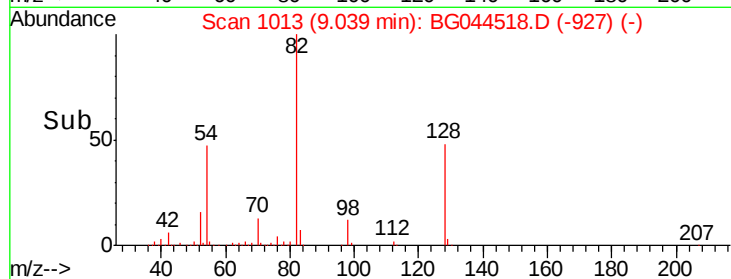
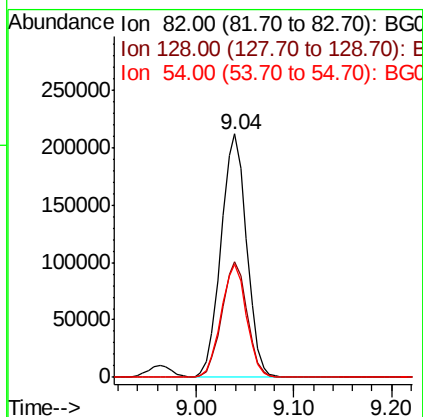
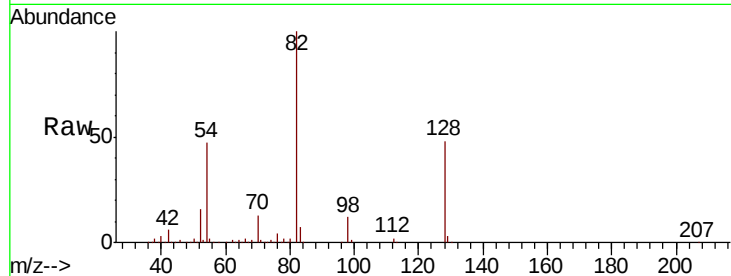




#23
 Nitrobenzene-d5
 Concen: 74.661 ng
 RT: 9.04 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

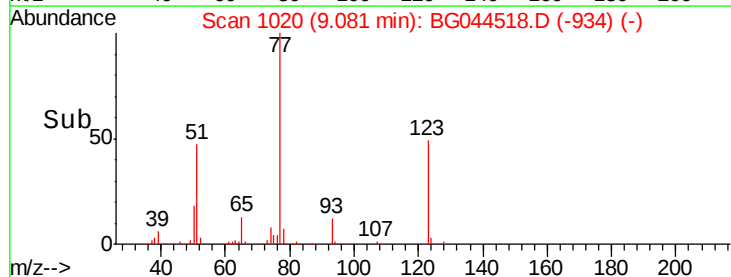
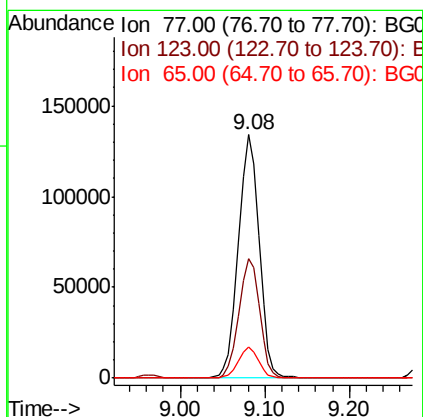
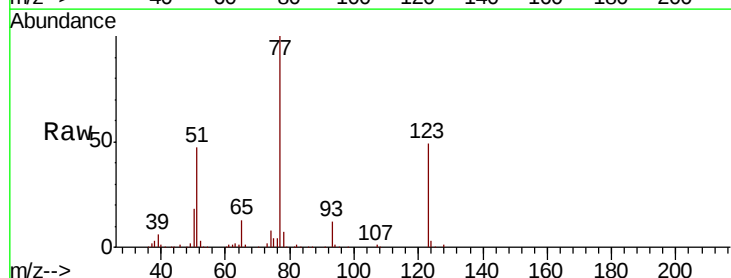
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	384282
Ion Ratio	Lower	Upper	
82	100		
128	47.6	36.5	54.7
54	46.6	38.6	58.0



#24
 Nitrobenzene
 Concen: 45.330 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

Tgt Ion	77	Resp	227773
Ion Ratio	Lower	Upper	
77	100		
123	49.0	39.9	59.9
65	12.7	10.4	15.6





#25

Isophorone

Concen: 46.297 ng

RT: 9.61 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampleId :

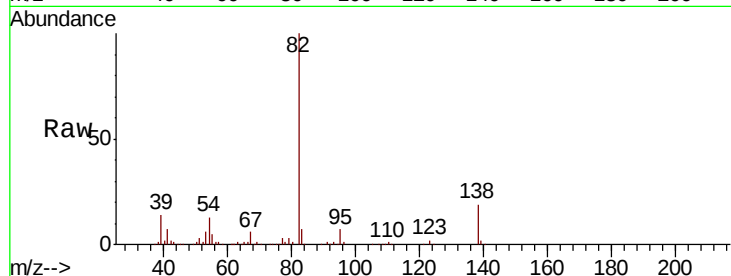
Tot Ion: 82 Resp: 444143

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

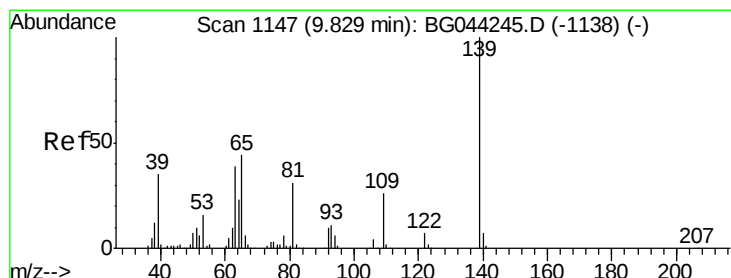
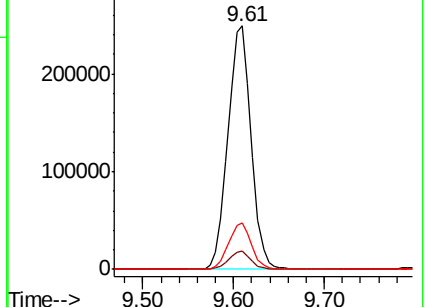
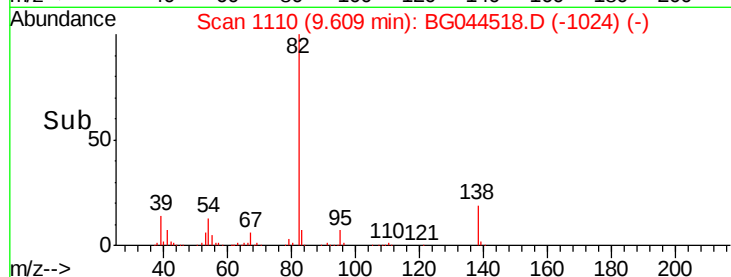
138 19.1 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BG044518.D (-1024) (-)

Ion 95.00 (94.70 to 95.70): BG044518.D (-1024) (-)

Ion 138.00 (137.70 to 138.70): BG044518.D (-1024) (-)



#26

2-Nitrophenol

Concen: 50.070 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

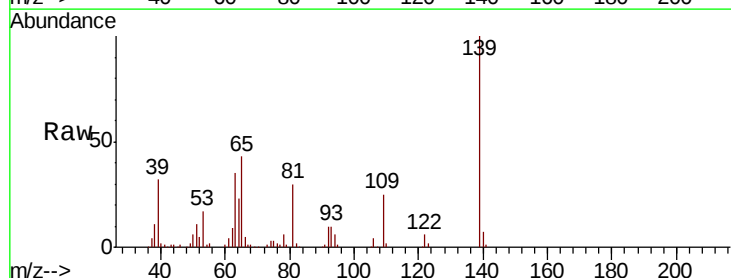
Tgt Ion: 139 Resp: 130547

Ion Ratio Lower Upper

139 100

109 25.0 21.0 31.4

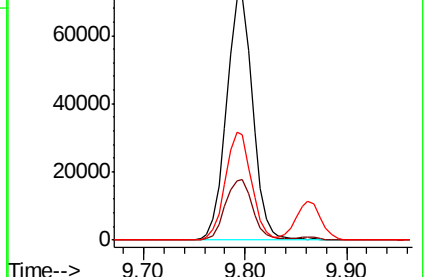
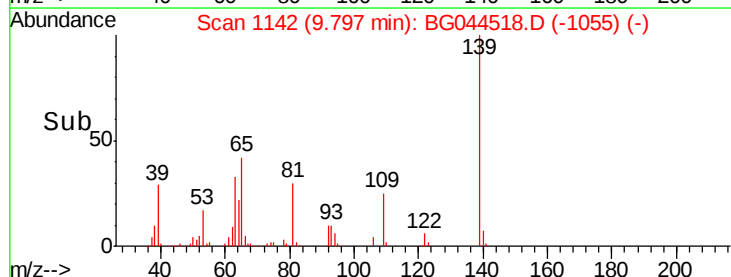
65 43.2 35.0 52.4

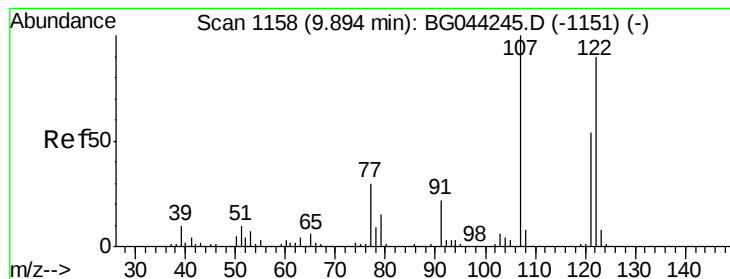


Abundance Ion 139.00 (138.70 to 139.70): BG044518.D (-1055) (-)

Ion 109.00 (108.70 to 109.70): BG044518.D (-1055) (-)

Ion 65.00 (64.70 to 65.70): BG044518.D (-1055) (-)





#27

2,4-Dimethylphenol

Concen: 58.232 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampleId :

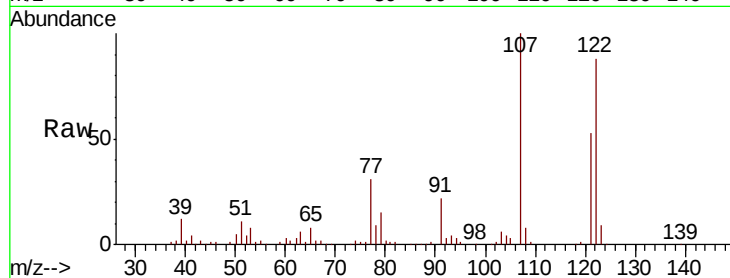
Tot Ion:122 Resp: 214321

Ion Ratio Lower Upper

122 100

107 113.1 88.8 133.2

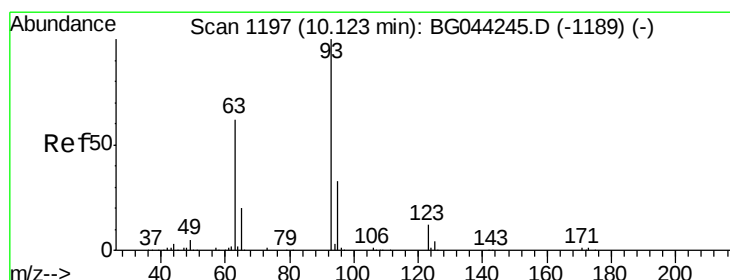
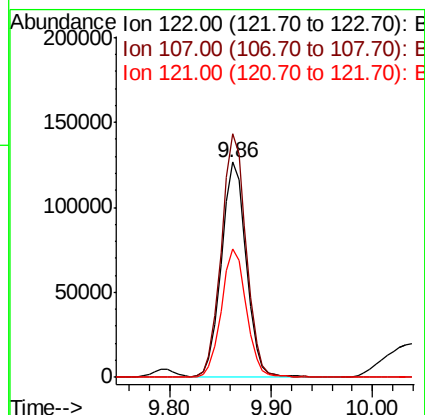
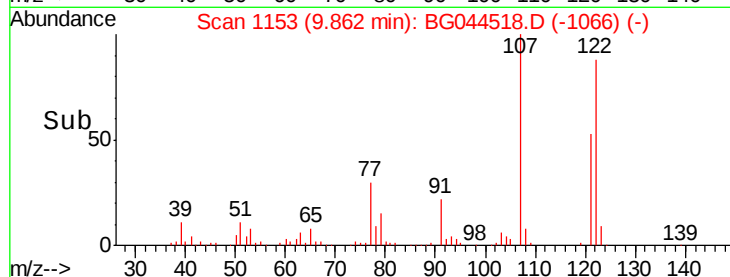
121 60.0 48.3 72.5



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: 43.679 ng

RT: 10.09 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

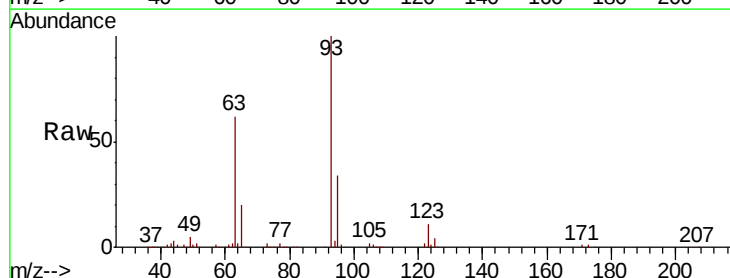
Tgt Ion: 93 Resp: 279533

Ion Ratio Lower Upper

93 100

95 33.5 26.6 40.0

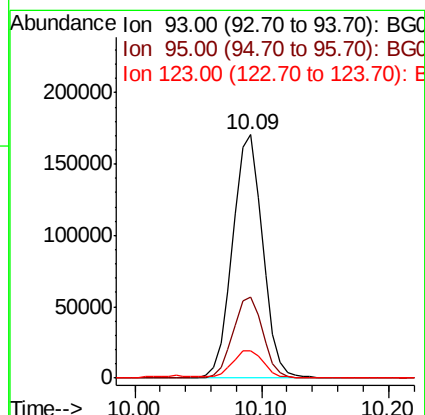
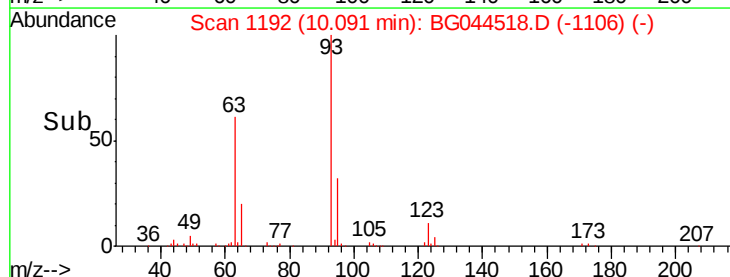
123 11.5 10.0 15.0

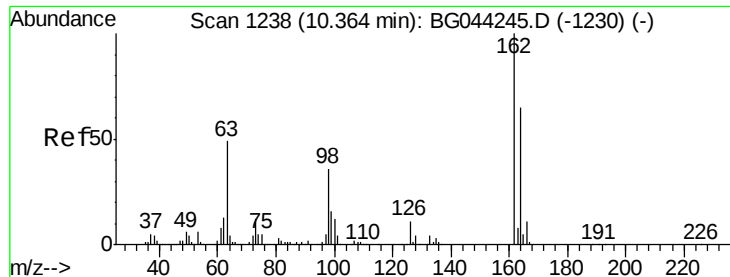


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

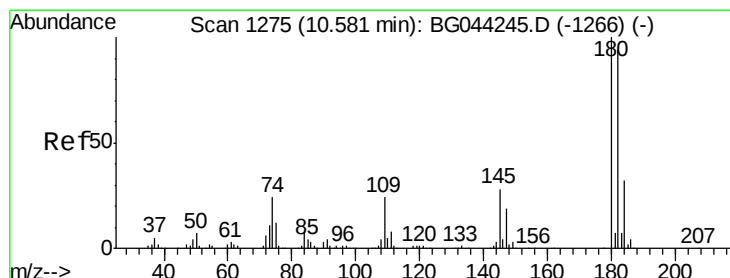
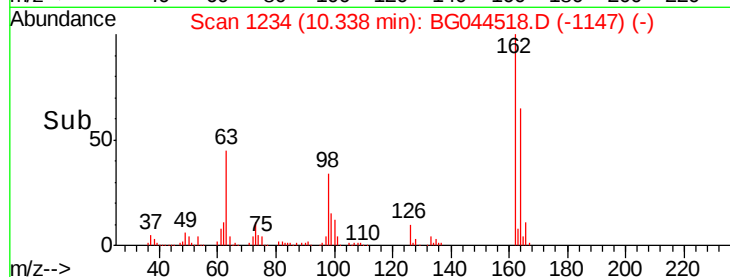
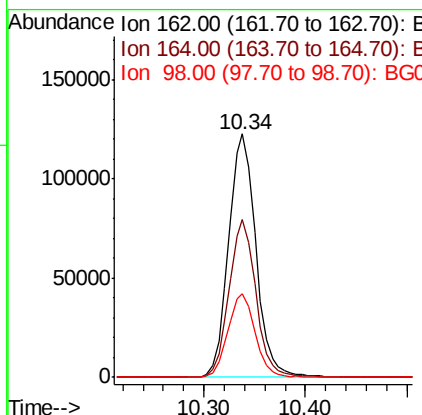
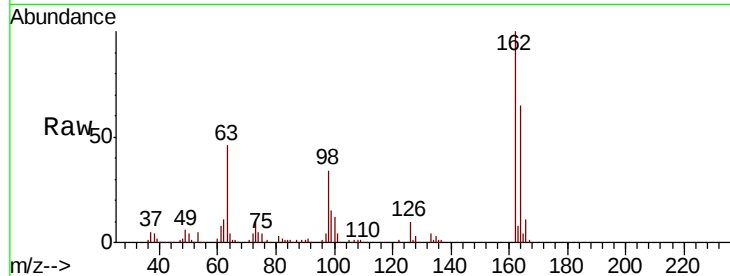




#29
2,4-Dichlorophenol
Concen: 51.433 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

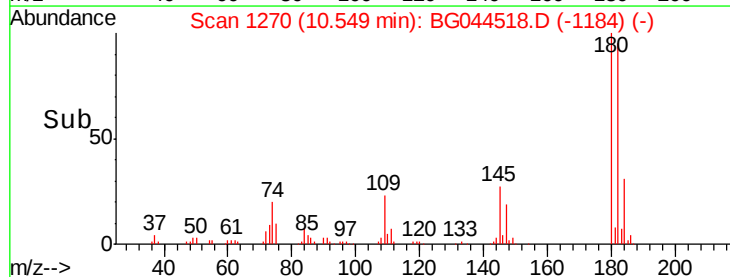
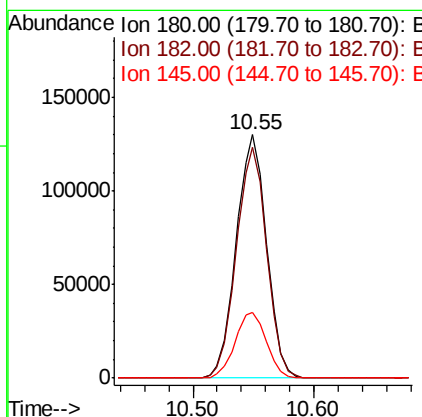
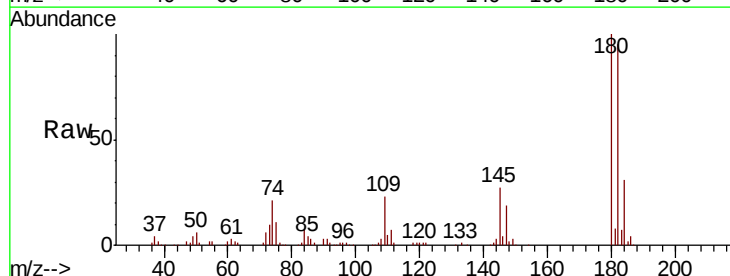
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.7	84.7
98	34.4	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 44.638 ng
RT: 10.55 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.5	113.3
145	27.2	22.6	34.0

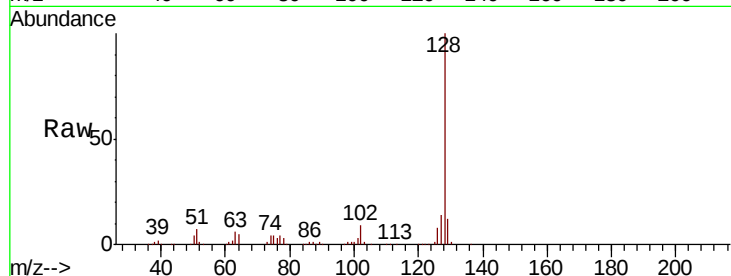




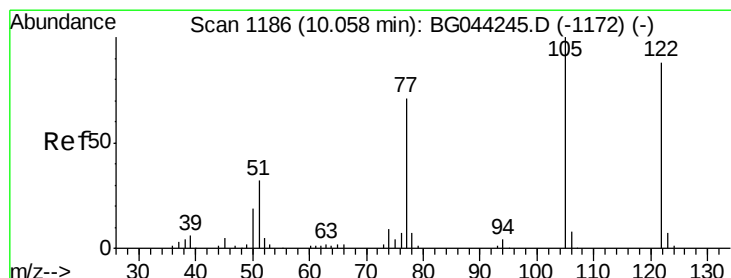
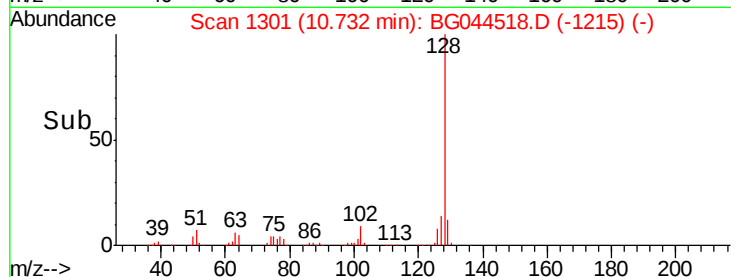
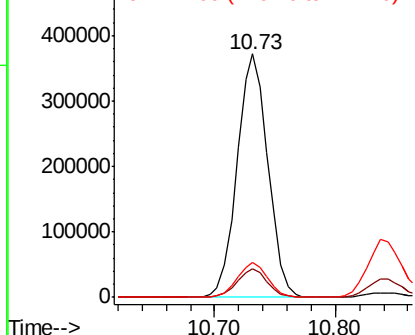
#31
Naphthalene
Concen: 46.631 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	14.2	11.6	17.4

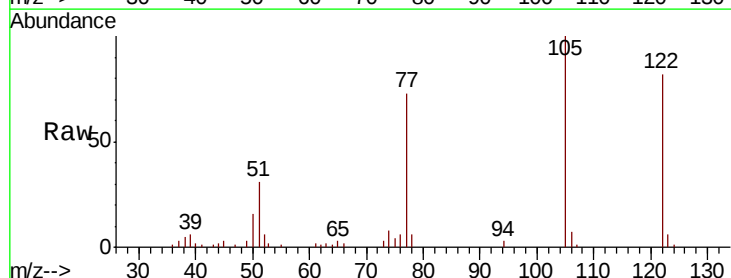


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

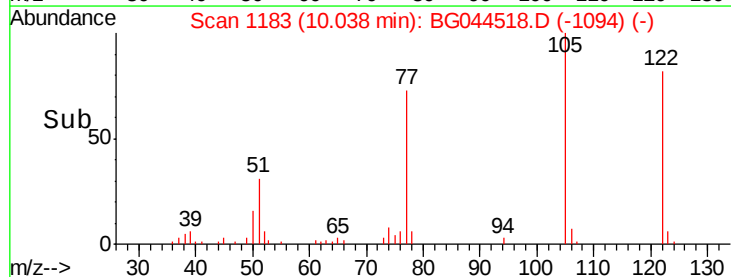
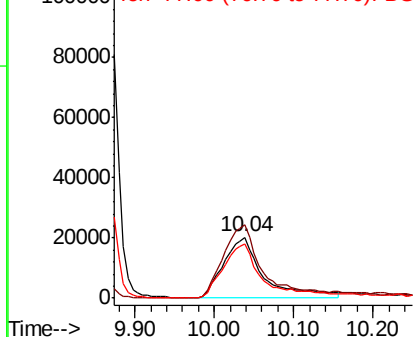


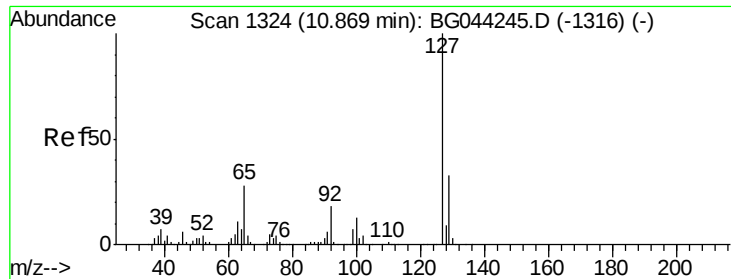
#32
Benzoic acid
Concen: 33.976 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.6	93.5	133.5
77	89.4	61.0	101.0



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

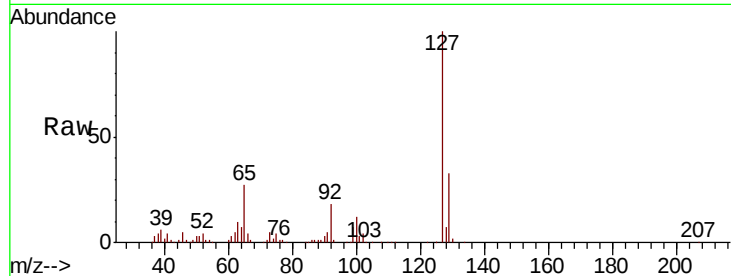




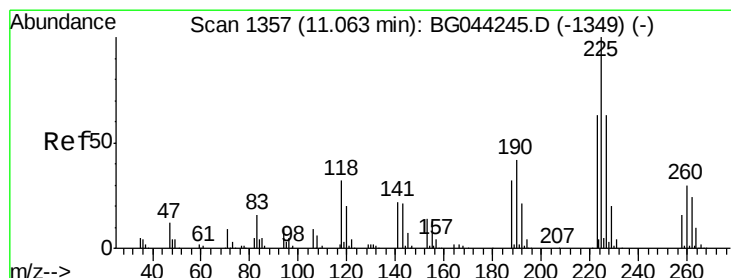
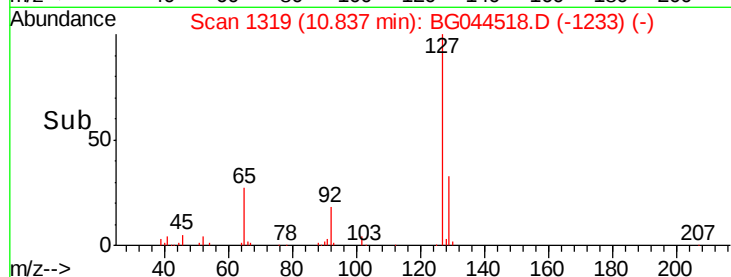
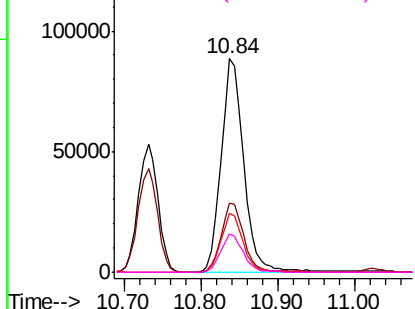
#33
4-Chloroaniline
Concen: 28.166 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	180599
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	40.0
65	27.4	22.5	33.7
92	18.1	14.1	21.1

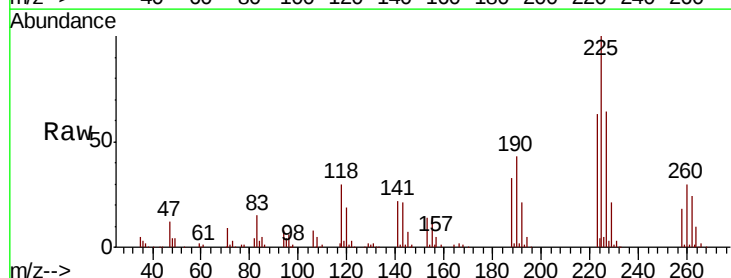


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

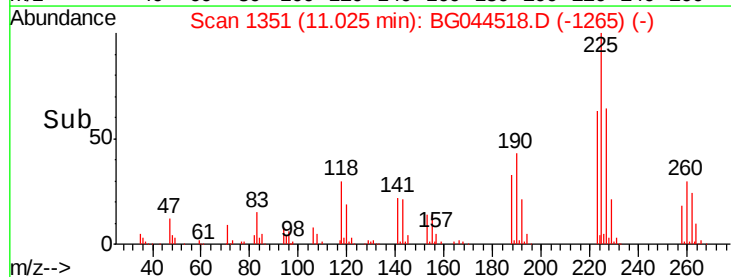
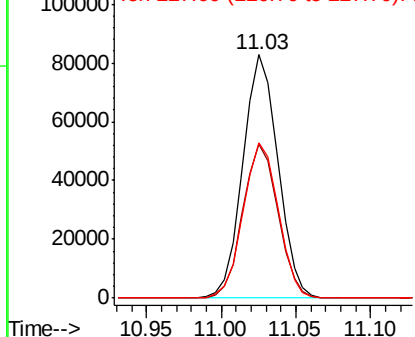


#34
Hexachlorobutadiene
Concen: 42.774 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion:	225	Resp:	134308
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.2	75.4
227	63.8	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: 27.768 ng

RT: 11.61 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampled :

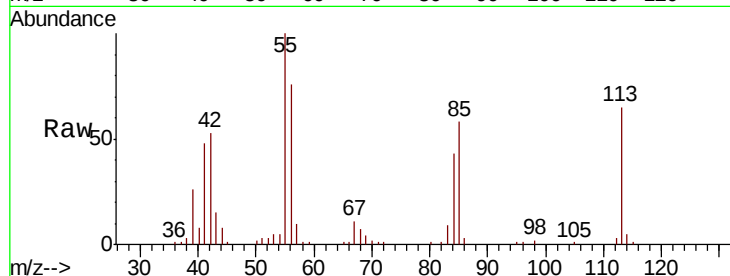
Tot Ion:113 Resp: 45268

Ion Ratio Lower Upper

113 100

55 154.5 129.9 169.9

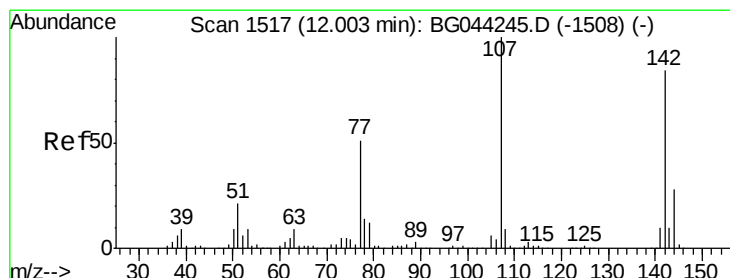
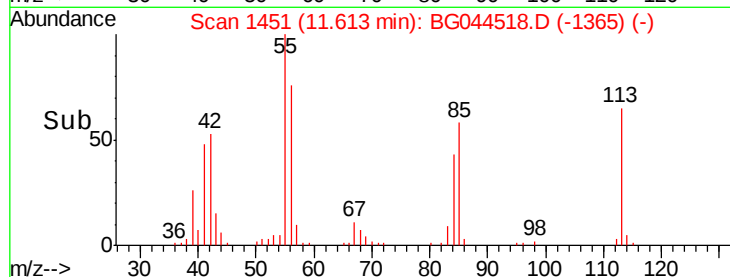
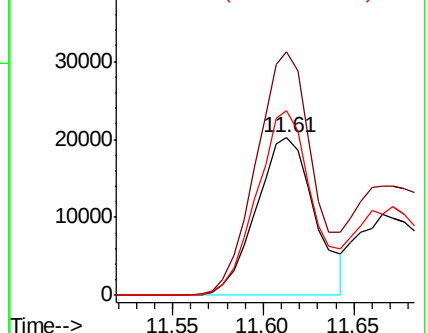
56 117.4 92.5 132.5



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: 50.212 ng

RT: 11.98 min Scan# 1513

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

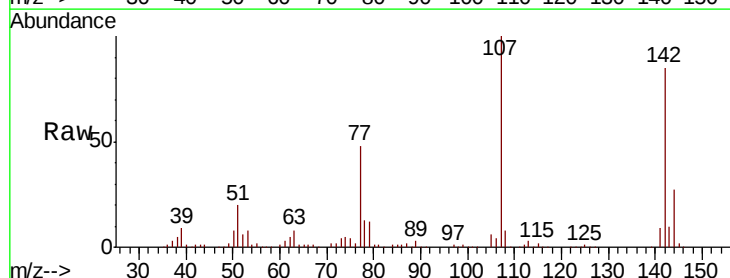
Tgt Ion:107 Resp: 234286

Ion Ratio Lower Upper

107 100

144 27.0 22.2 33.4

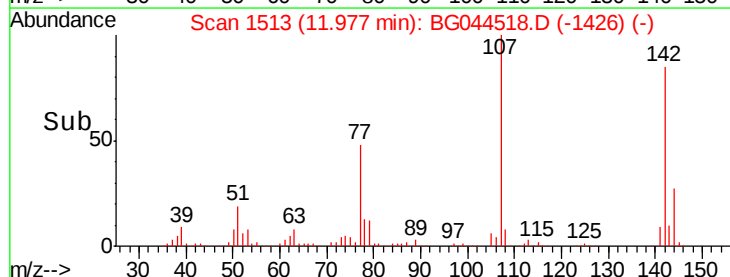
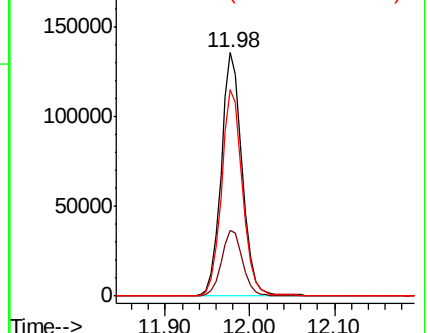
142 84.6 67.4 101.0

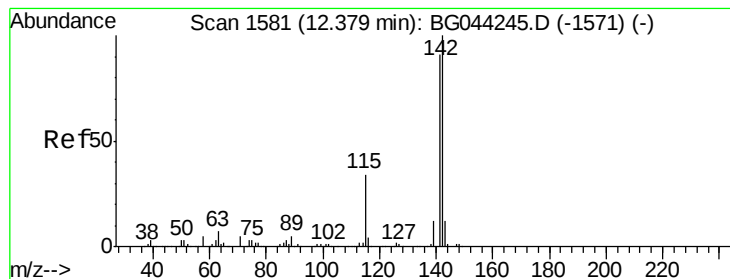


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.538 ng

RT: 12.35 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampleId :

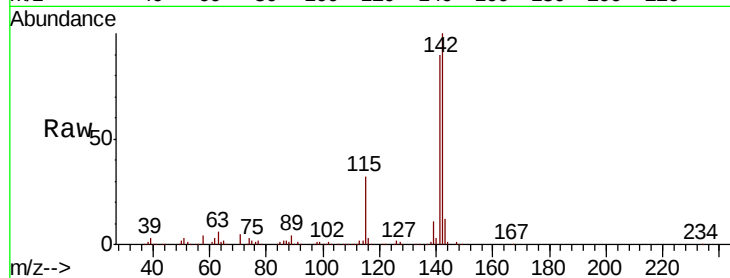
Tot Ion:142 Resp: 497599

Ion Ratio Lower Upper

142 100

141 90.5 73.2 109.8

115 32.3 27.1 40.7

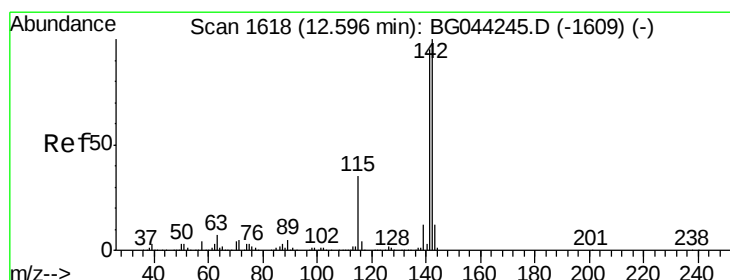
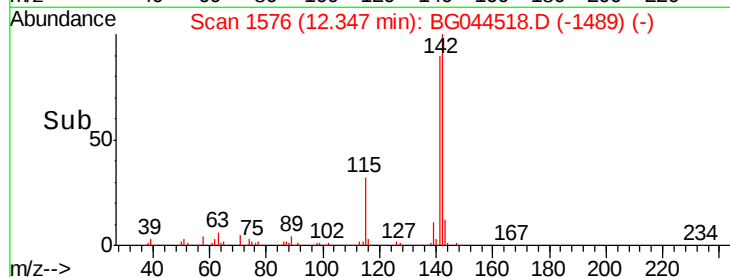
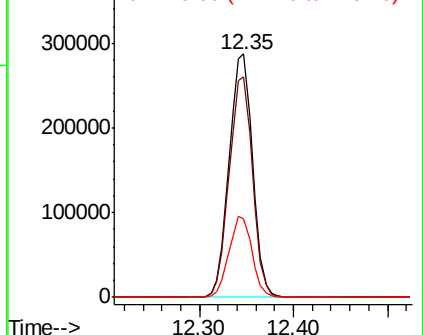


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.237 ng

RT: 12.56 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

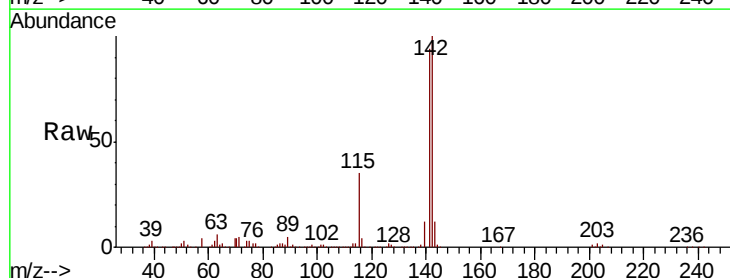
Tgt Ion:142 Resp: 466161

Ion Ratio Lower Upper

142 100

141 94.4 75.8 113.6

116 3.6 3.1 4.7

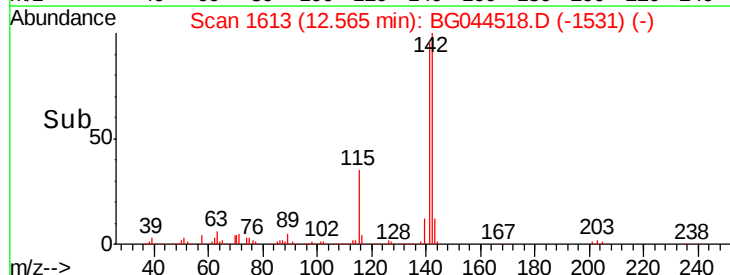
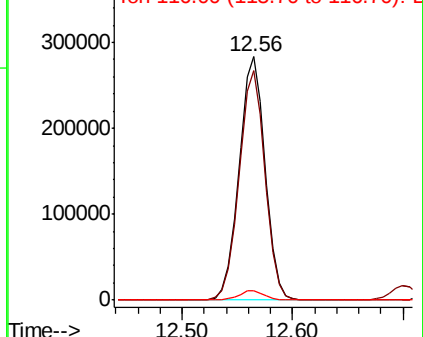


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampleId :

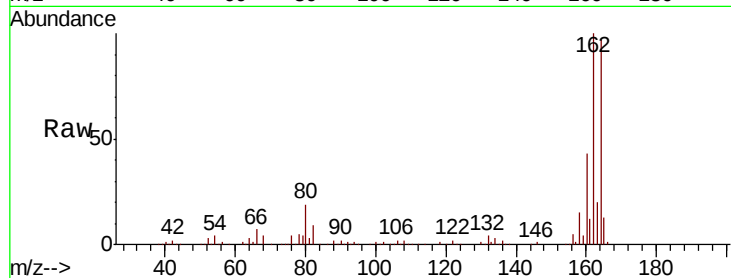
Tot Ion:164 Resp: 193486

Ion Ratio Lower Upper

164 100

162 102.7 80.7 121.1

160 44.6 35.3 52.9

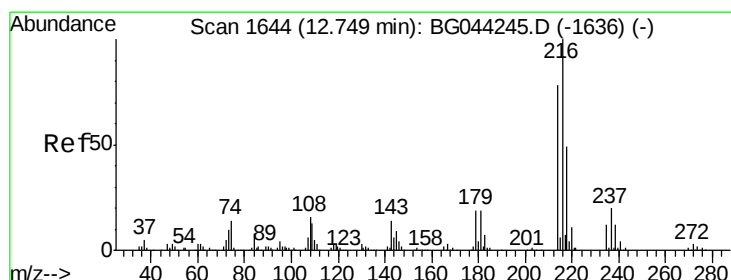
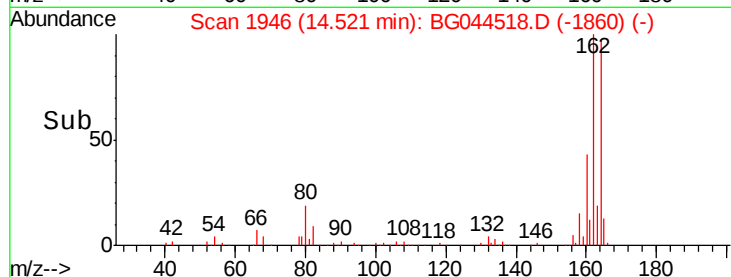
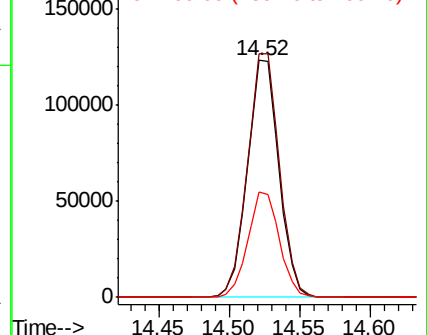


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.433 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Tgt Ion:216 Resp: 251381

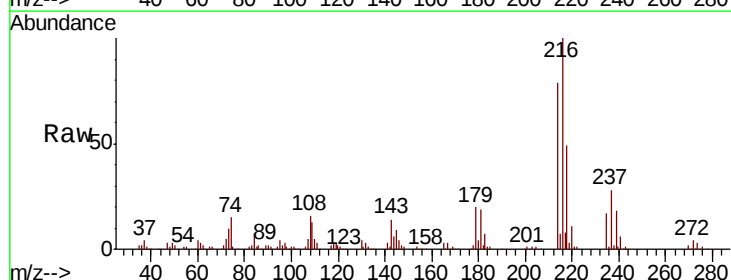
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.6

179 20.3 16.2 24.4

108 17.8 13.5 20.3



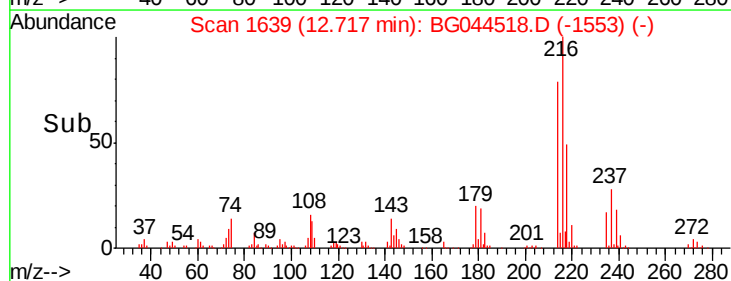
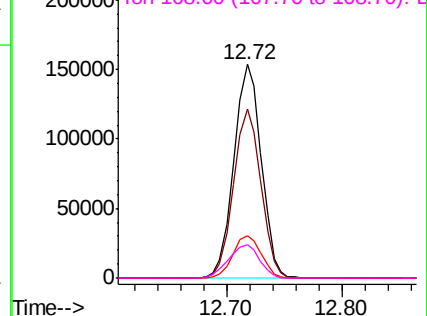
Abundance

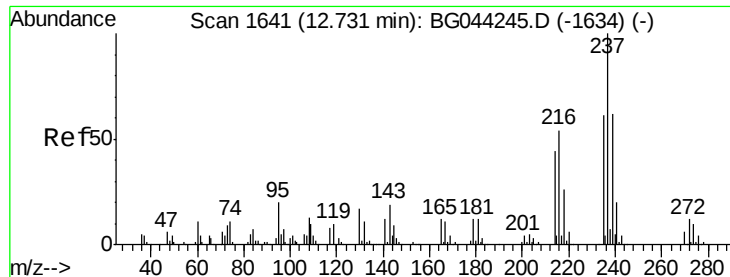
Ion 216.00 (215.70 to 216.70): E

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: 87.749 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampleId :

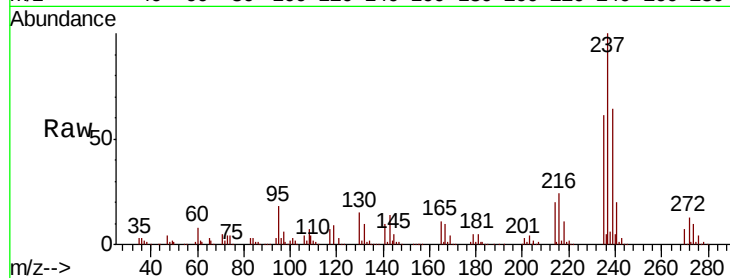
Tot Ion:237 Resp: 243693

Ion Ratio Lower Upper

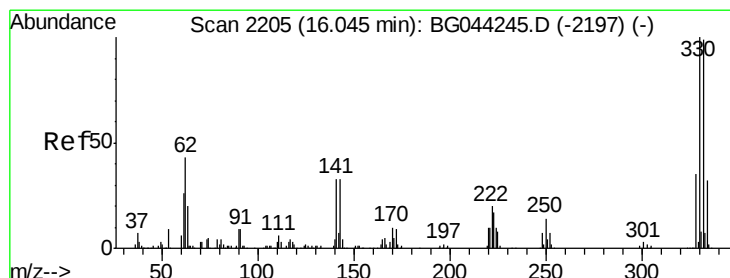
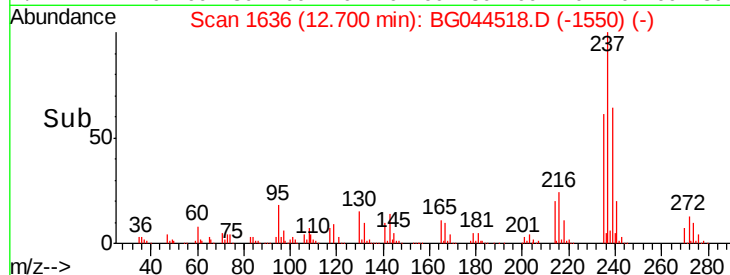
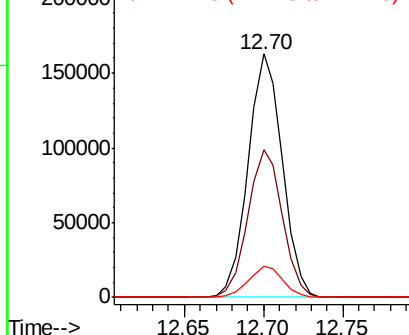
237 100

235 60.7 41.2 81.2

272 13.0 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: 133.976 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

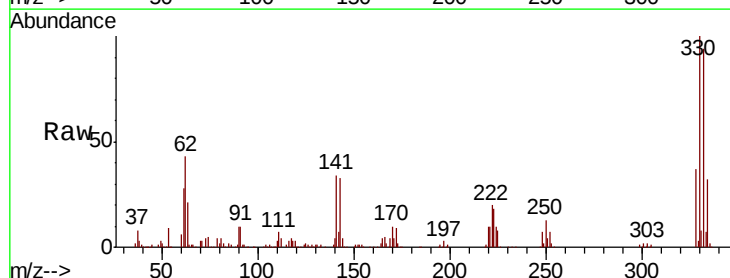
Tgt Ion:330 Resp: 304315

Ion Ratio Lower Upper

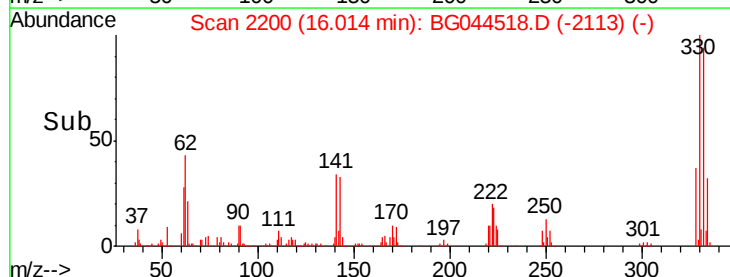
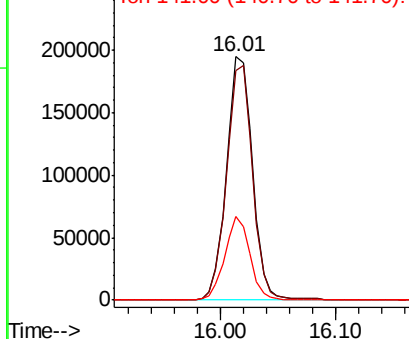
330 100

332 96.1 77.2 115.8

141 33.2 28.3 42.5



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

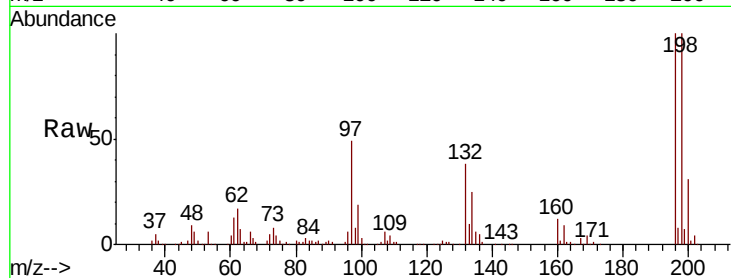




#43
 2,4,6-Trichlorophenol
 Concen: 48.086 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	179895
Ion Ratio	Lower	Upper	
196	100		
198	99.8	79.3	118.9
200	31.1	25.7	38.5

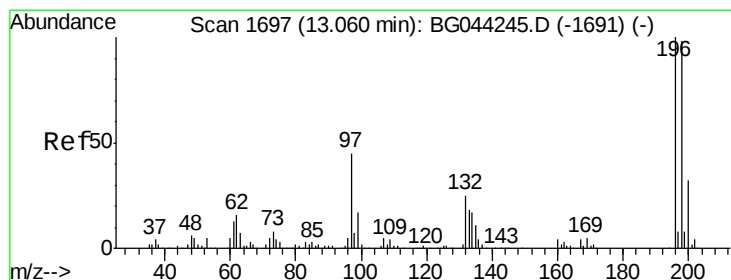
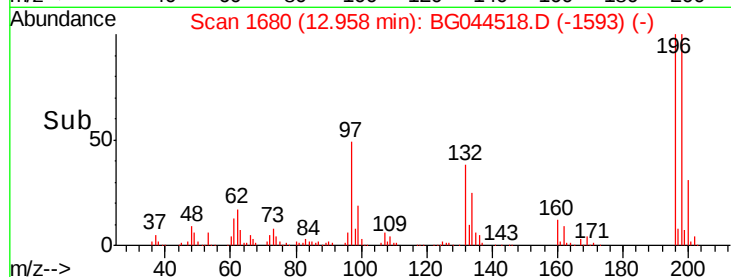
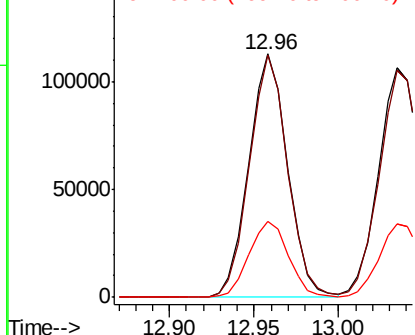


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 50.618 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

Tgt Ion	196	Resp	193417
Ion Ratio	Lower	Upper	
196	100		
198	99.1	78.2	117.2
97	44.4	36.2	54.4
132	25.9	20.2	30.4

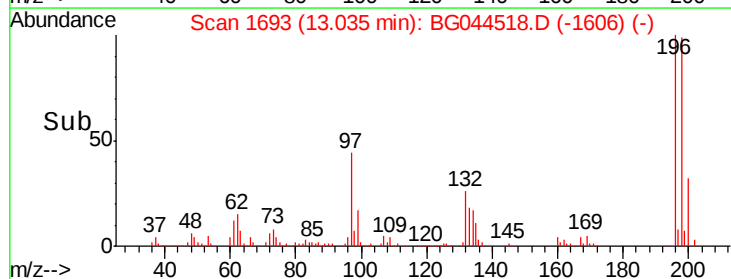
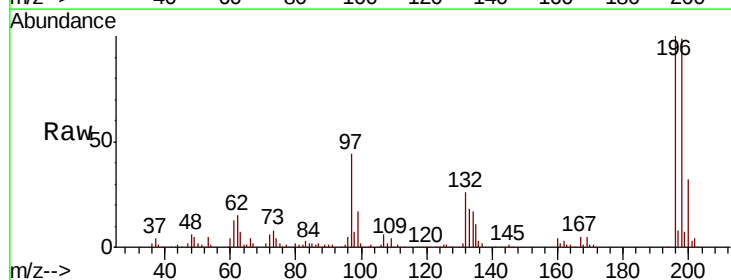
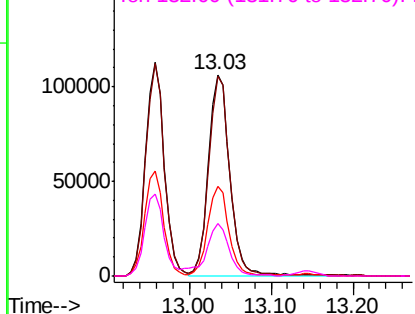
Abundance

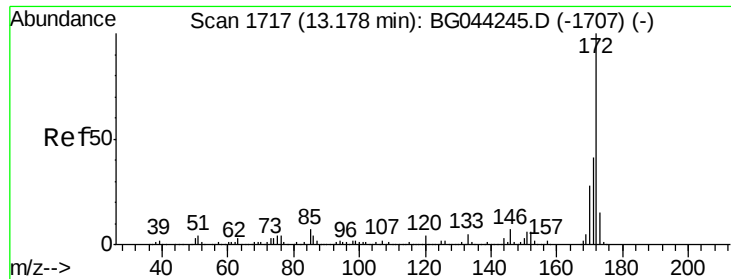
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

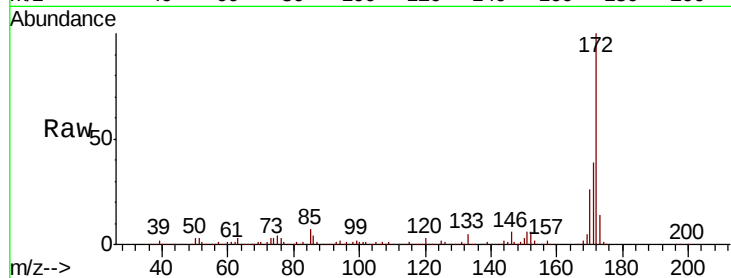




#45
2-Fluorobiphenyl
Concen: 78.740 ng
RT: 13.15 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.9	49.3
170	26.3	22.0	33.0

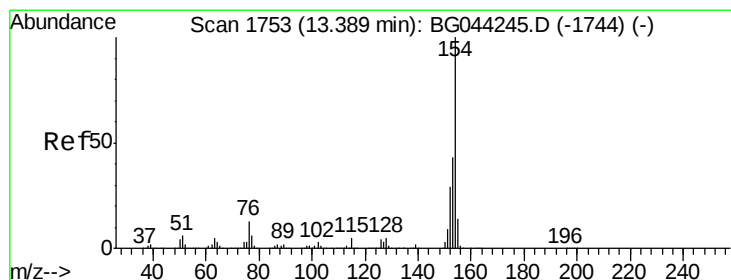
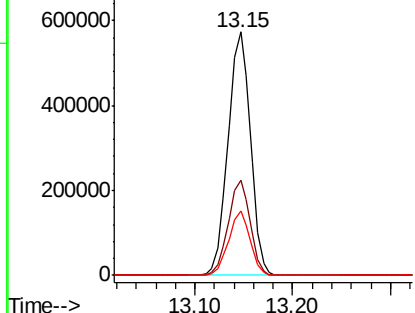
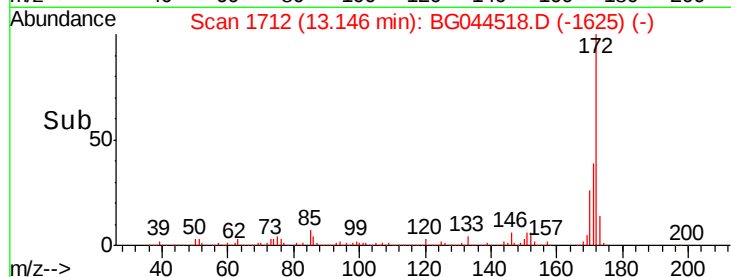


Abundance

Ion 172.00 (171.70 to 172.70): E

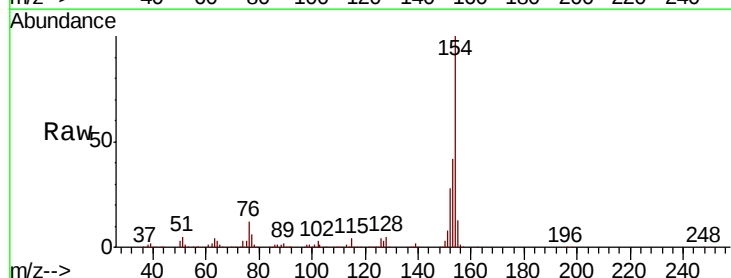
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.908 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.7	62.7
76	12.2	0.0	32.9

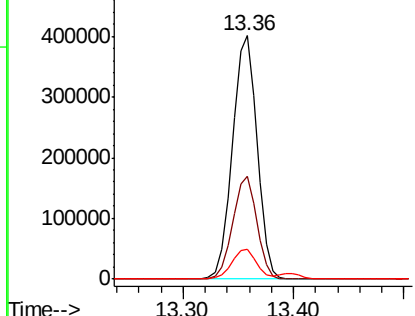
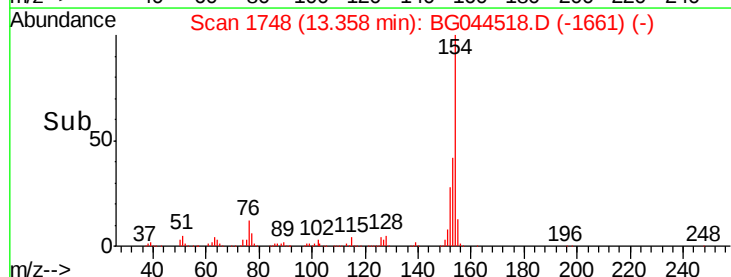


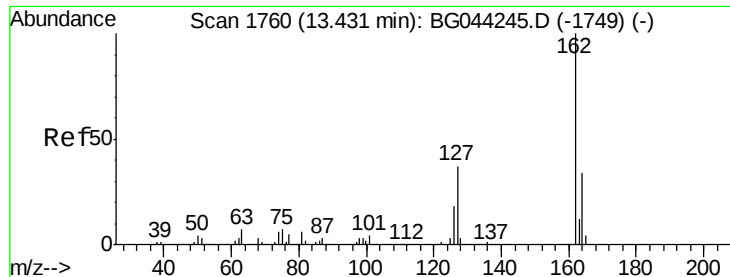
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 44.166 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampleId :

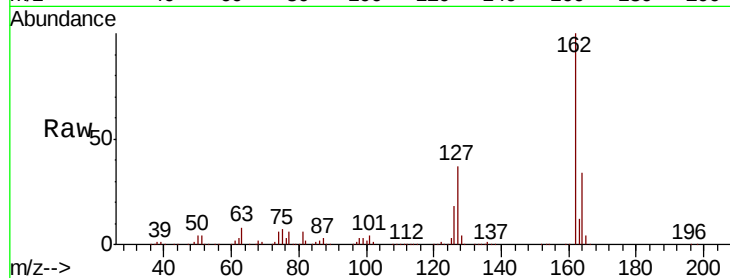
Tot Ion:162 Resp: 490502

Ion Ratio Lower Upper

162 100

127 37.0 30.0 45.0

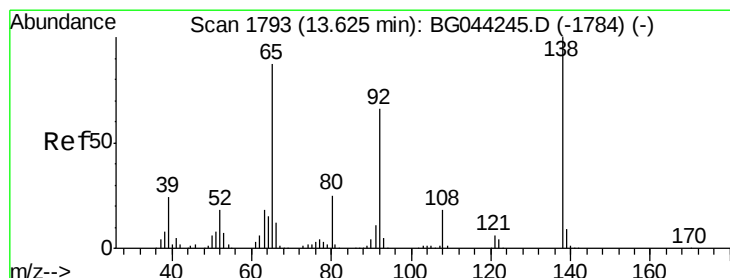
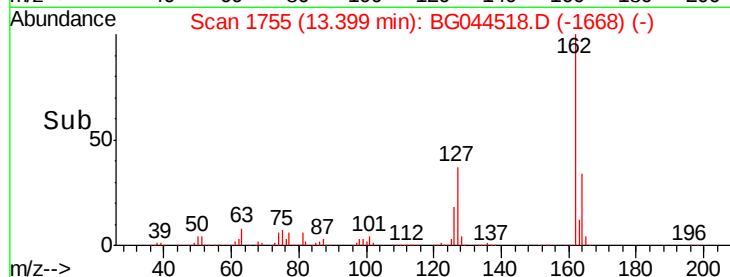
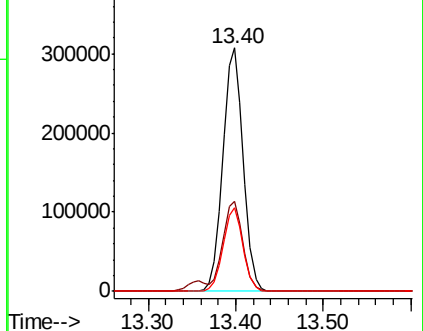
164 34.4 27.2 40.8



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: 43.989 ng

RT: 13.60 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

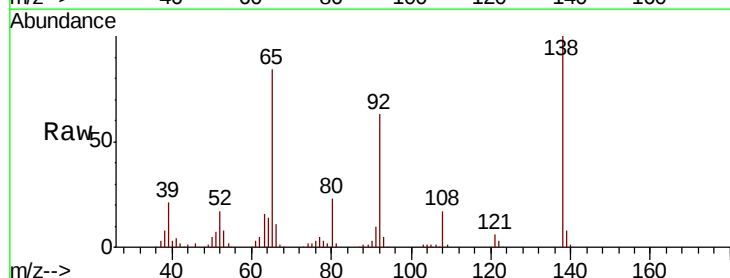
Tgt Ion: 65 Resp: 144176

Ion Ratio Lower Upper

65 100

92 74.7 60.3 90.5

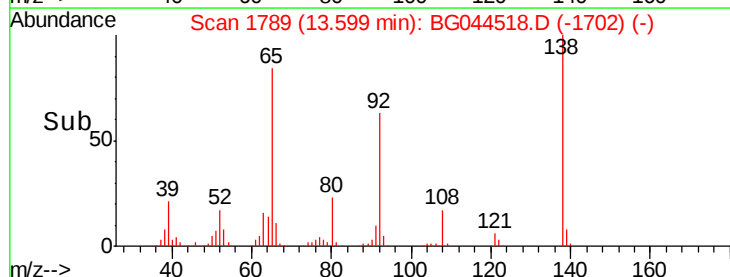
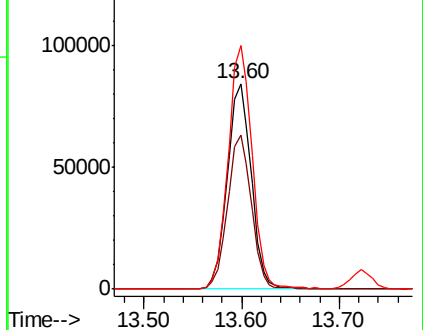
138 118.5 91.9 137.9



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: 47.539 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampleId :

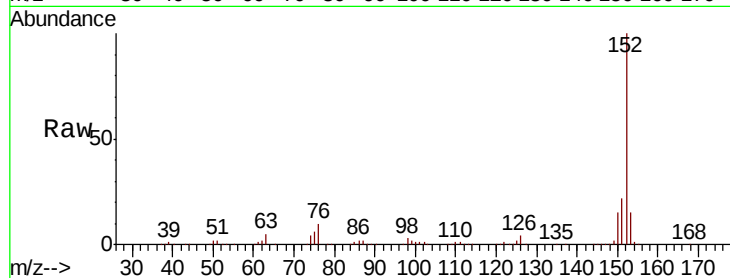
Tot Ion:152 Resp: 774365

Ion Ratio Lower Upper

152 100

151 22.0 18.1 27.1

153 14.7 11.5 17.3

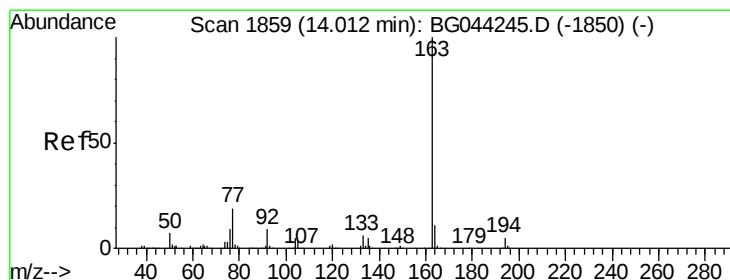
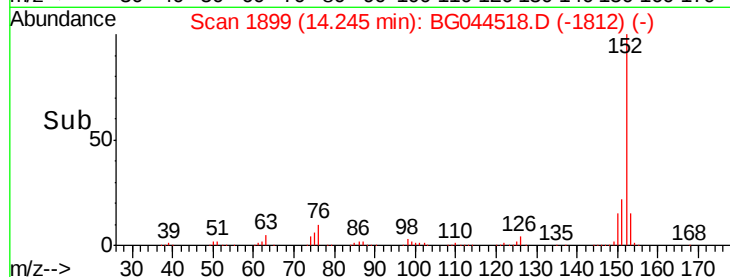
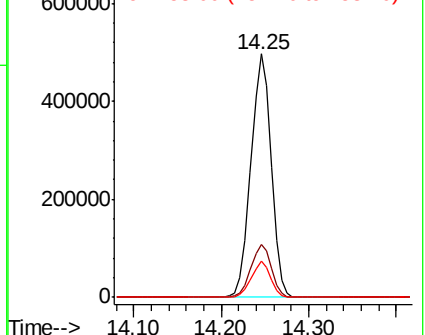


Abundance

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: 45.091 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

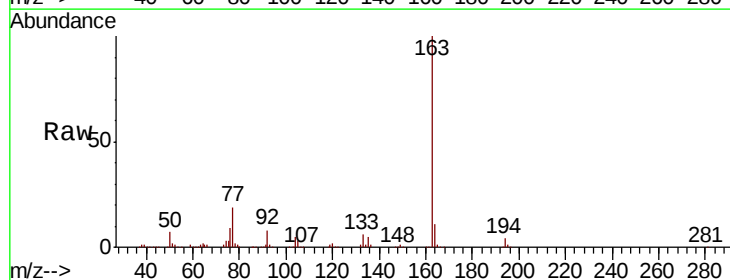
Tgt Ion:163 Resp: 627134

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

164 10.7 8.7 13.1

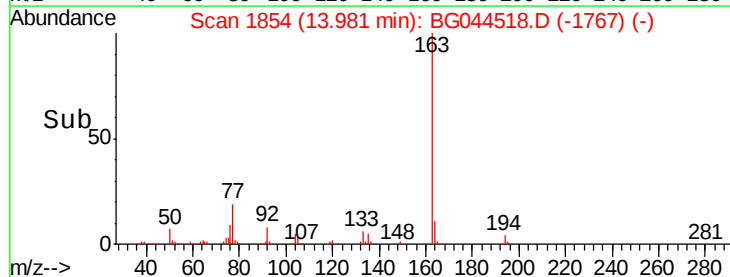
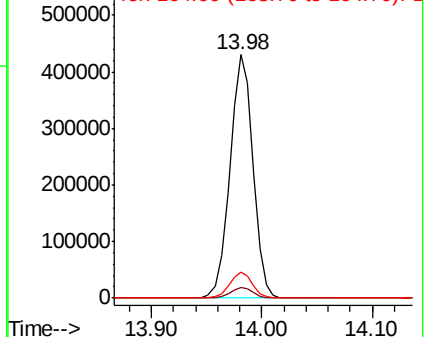


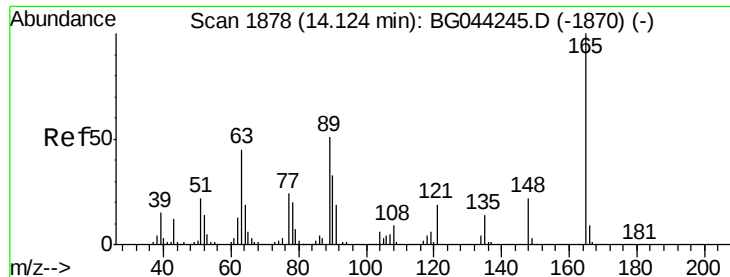
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.298 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampleId :

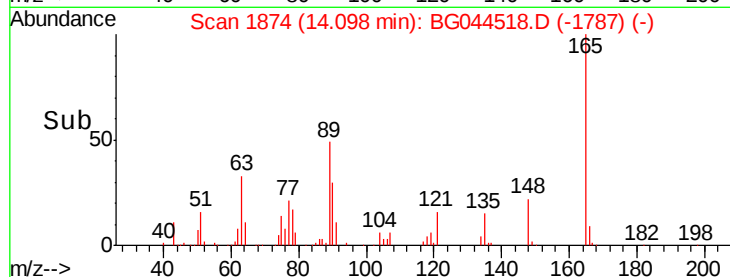
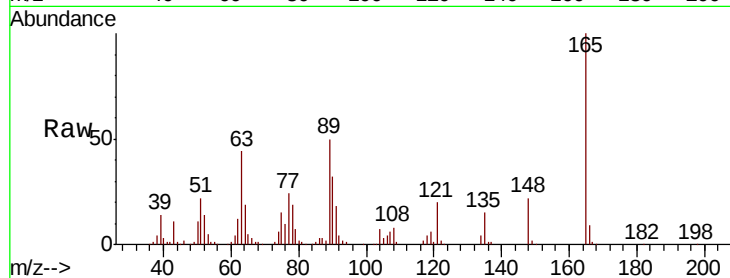
Tot Ion:165 Resp: 143573

Ion Ratio Lower Upper

165 100

63 44.2 38.7 58.1

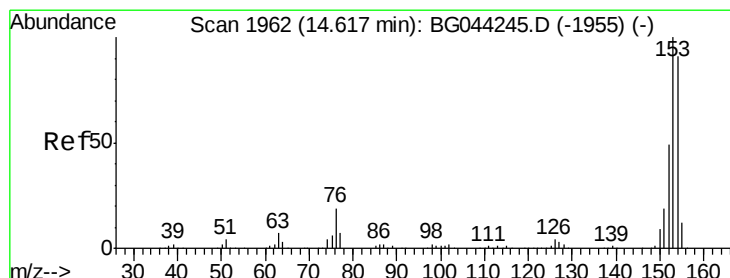
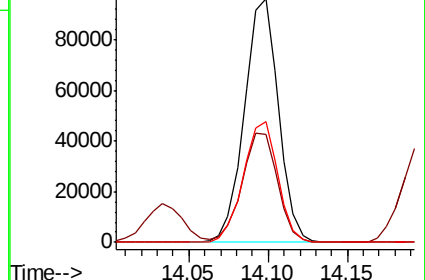
89 49.5 40.4 60.6



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: 45.070 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

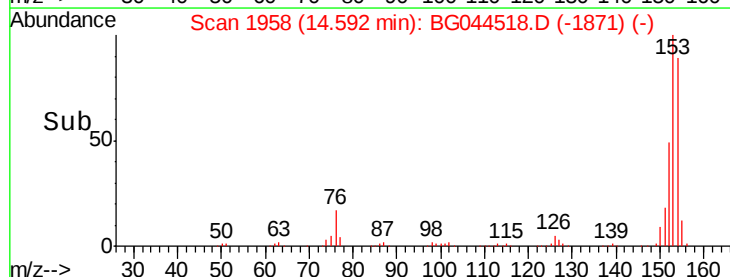
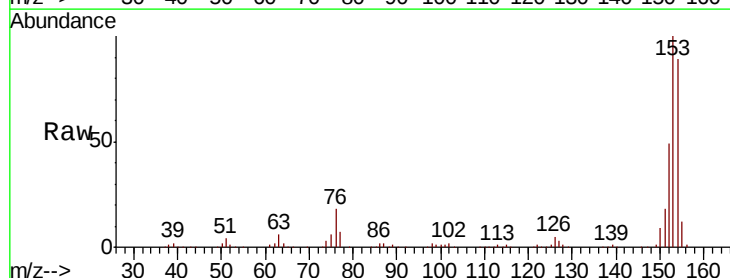
Tgt Ion:154 Resp: 475852

Ion Ratio Lower Upper

154 100

153 112.1 87.9 131.9

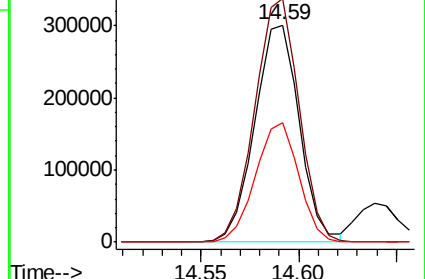
152 54.9 43.1 64.7

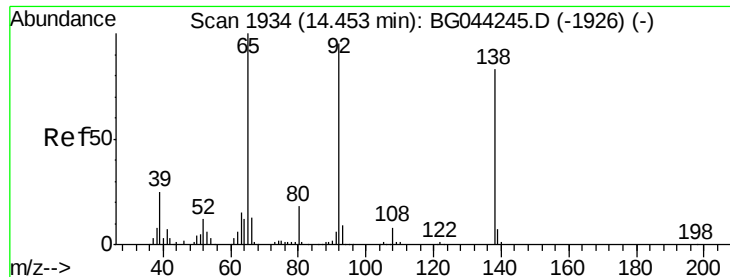


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

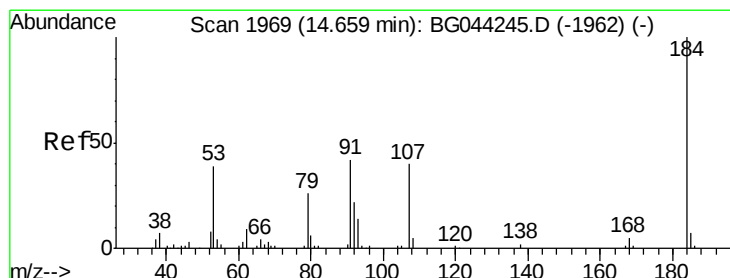
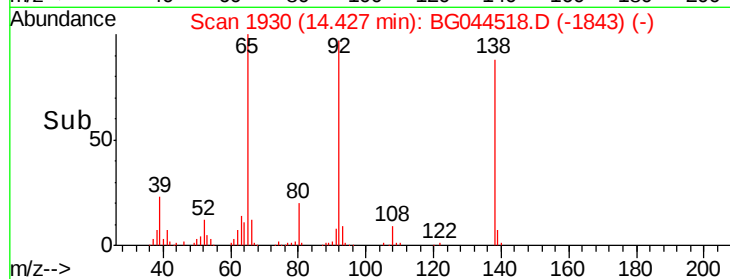
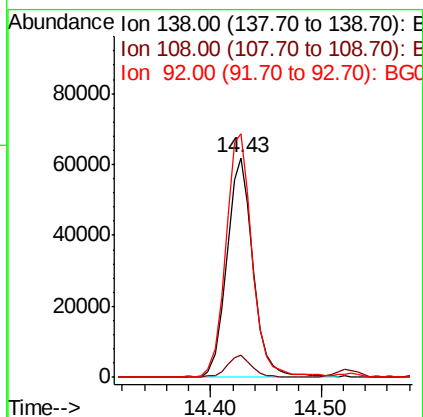
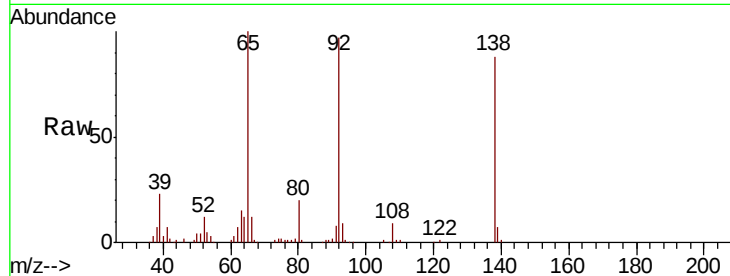




#53
 3-Nitroaniline
 Concen: 29.995 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

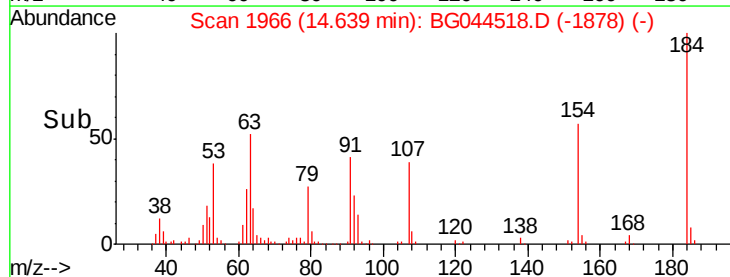
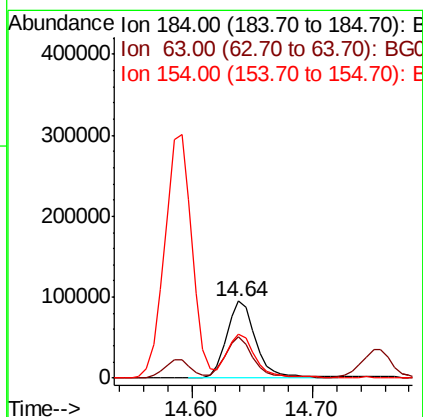
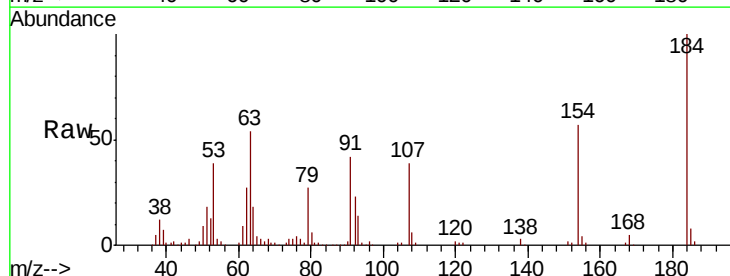
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 102911
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.9 11.9
 92 110.9 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 87.297 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

Tgt Ion:184 Resp: 161823
 Ion Ratio Lower Upper
 184 100
 63 53.6 44.1 66.1
 154 56.9 45.4 68.0

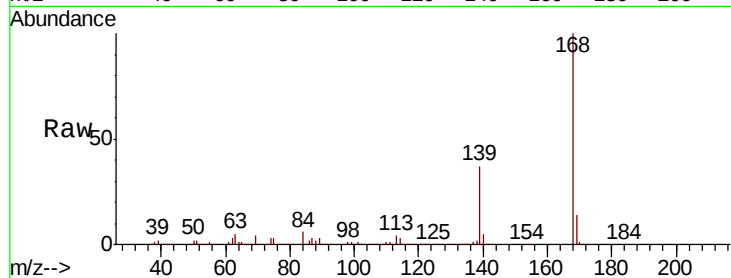




#55
Dibenzenofuran
Concen: 46.400 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.5	45.7
169	14.4	11.7	17.5

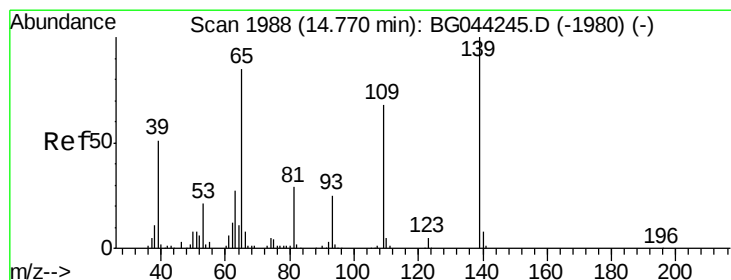
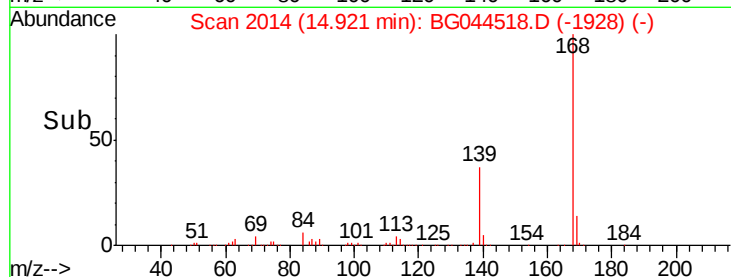
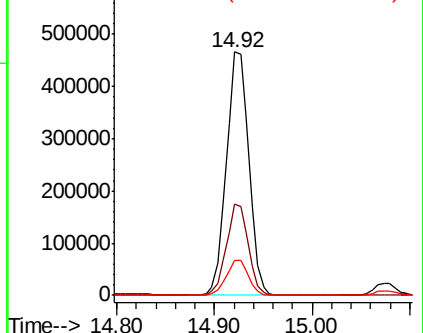


Abundance

Ion 168.00 (167.70 to 168.70): E

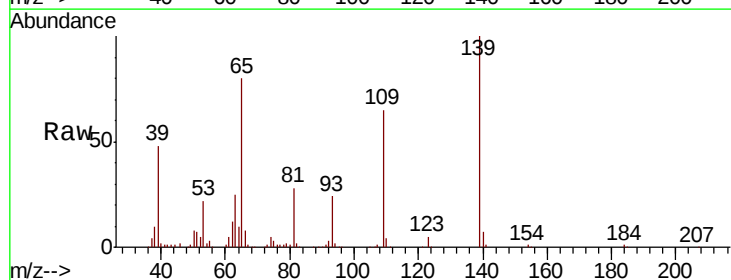
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 99.908 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	47.5	87.5
65	80.1	64.9	104.9

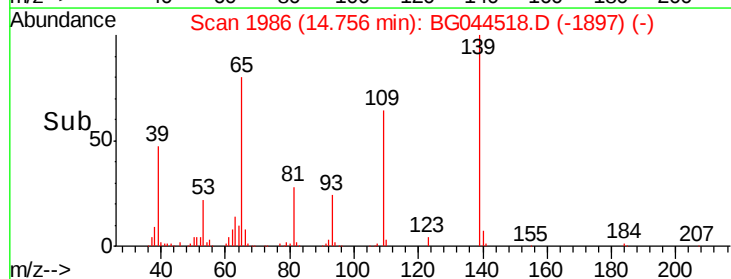
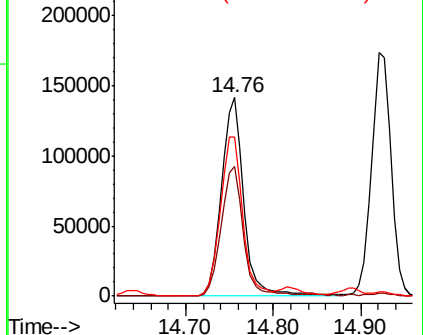


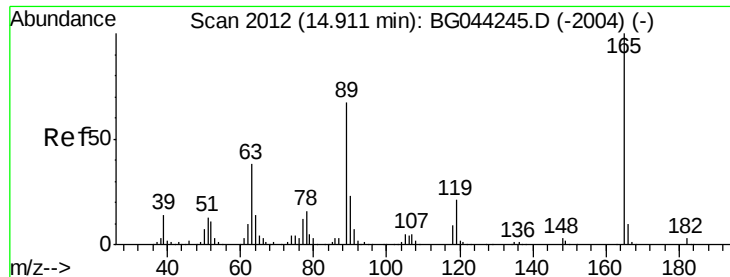
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

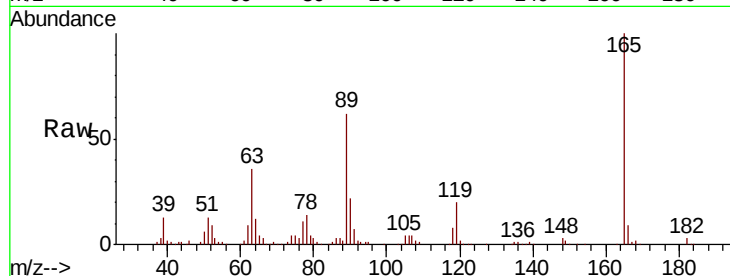




#57
2,4-Dinitrotoluene
Concen: 46.371 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.5	30.3	45.5
89	62.1	53.4	80.2
182	2.7	2.1	3.1



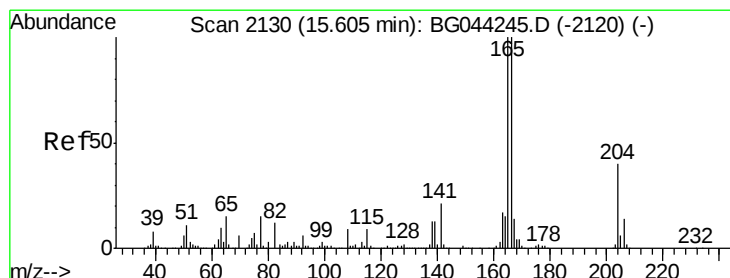
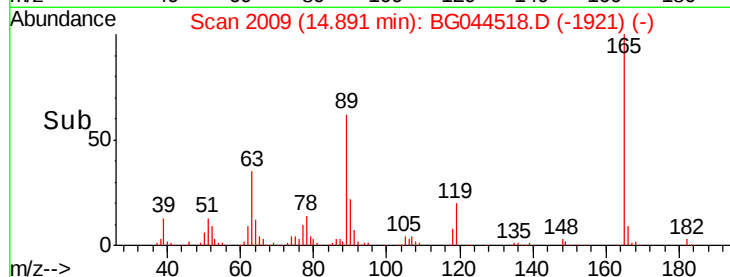
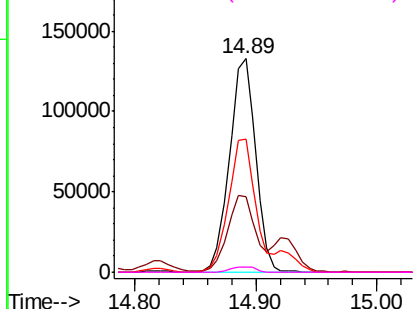
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

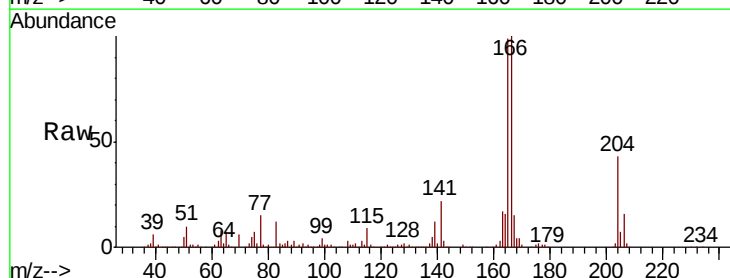
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.801 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.9	119.9
167	14.5	11.4	17.0

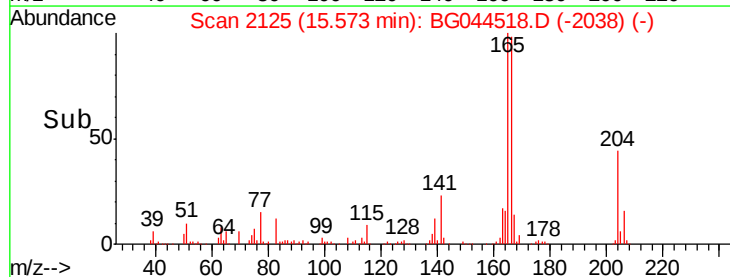
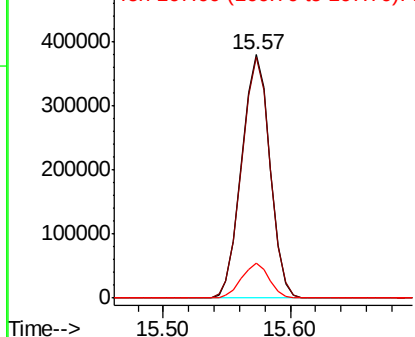


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

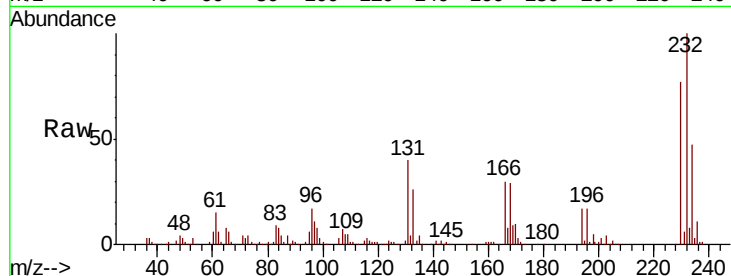




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.207 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.7	34.2	51.4
130	2.4	1.8	2.8
166	29.2	23.8	35.8



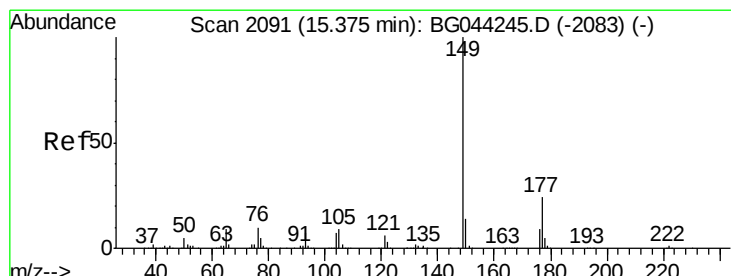
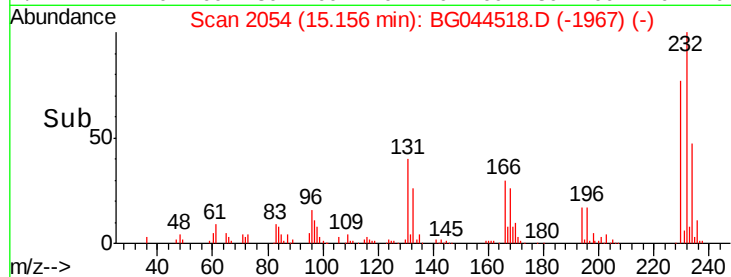
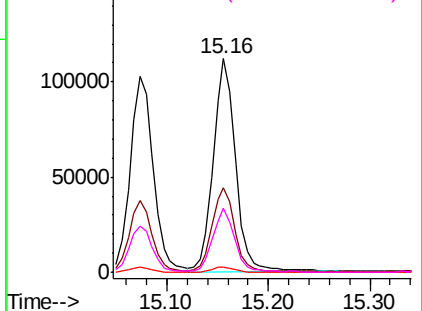
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

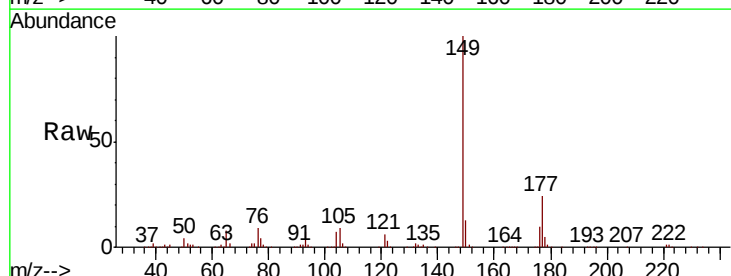
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.813 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	12.8	10.9	16.3

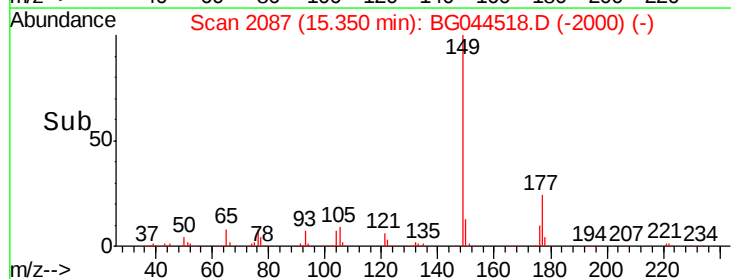
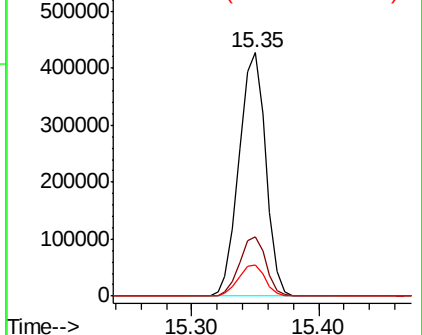


Abundance

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

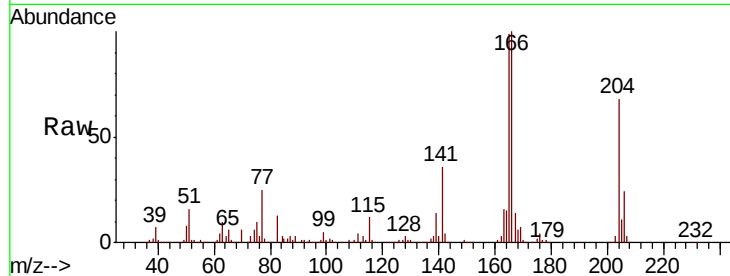




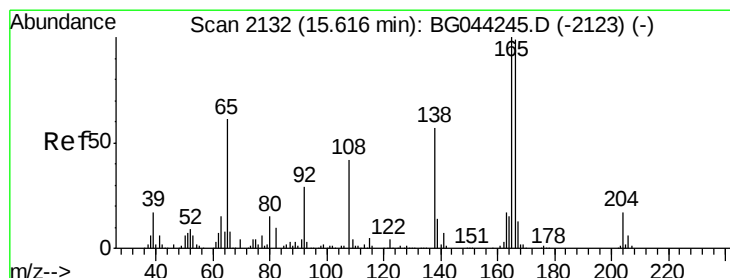
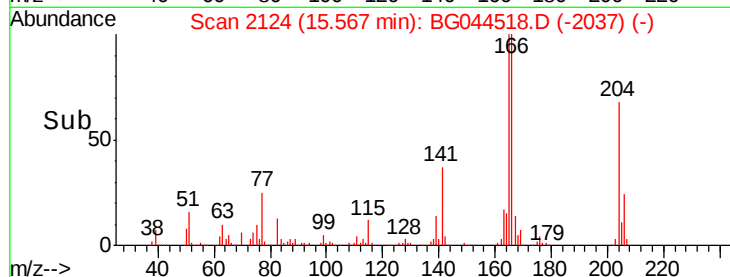
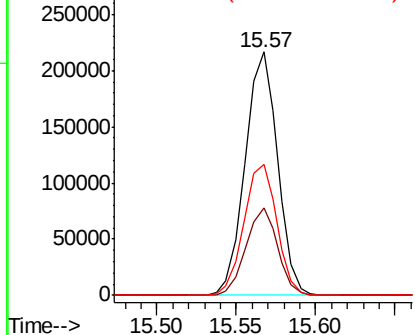
#61
 4-Chlorophenyl-phenylether
 Concen: 44.997 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	204	Resp:	307185
Ion	Ratio	Lower	Upper
204	100		
206	35.8	27.6	41.4
141	53.9	43.4	65.0

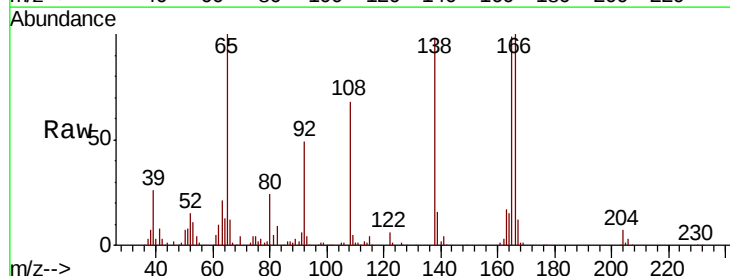


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

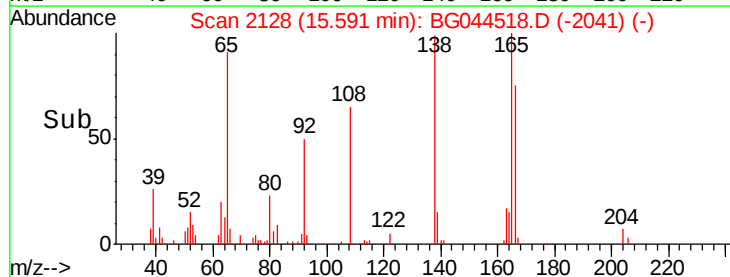
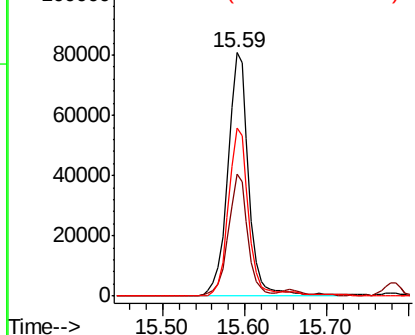


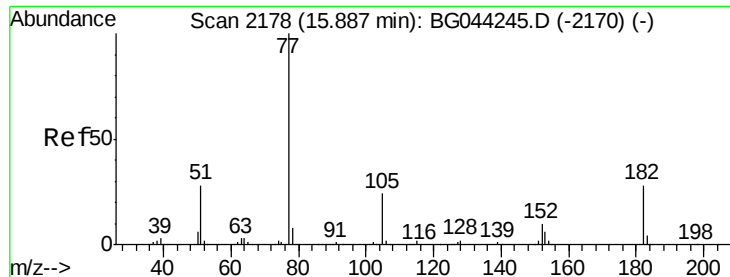
#62
 4-Nitroaniline
 Concen: 41.892 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

Tgt Ion:	138	Resp:	143616
Ion	Ratio	Lower	Upper
138	100		
92	50.3	31.3	71.3
108	69.1	52.6	92.6



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





#63

Azobenzene

Concen: 45.329 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 550573

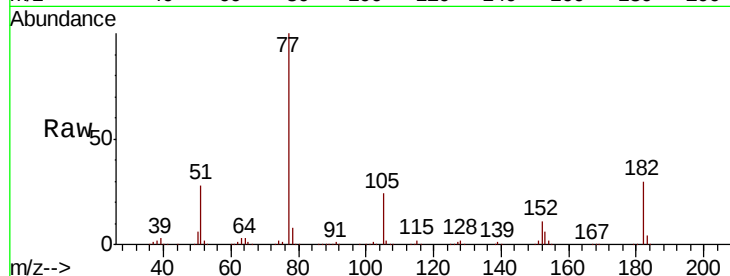
Ion Ratio Lower Upper

77 100

182 30.4 8.2 48.2

105 23.5 3.6 43.6

51 27.6 8.3 48.3

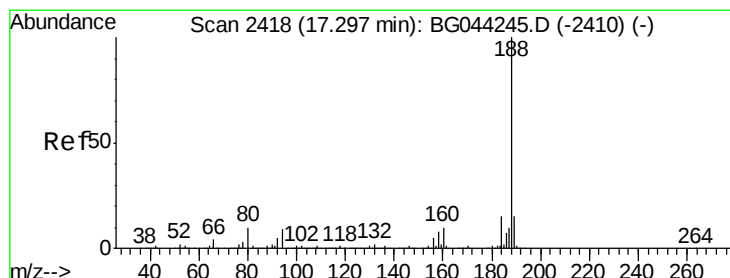
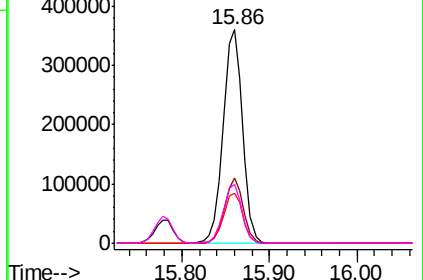
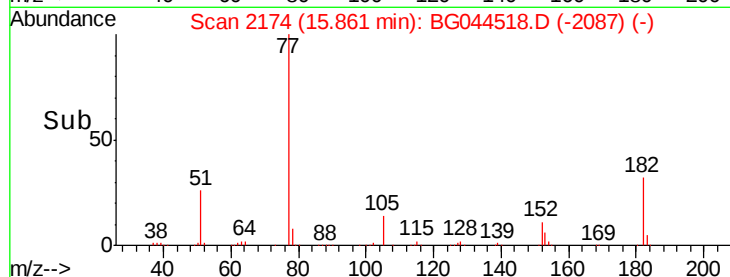


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.27 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

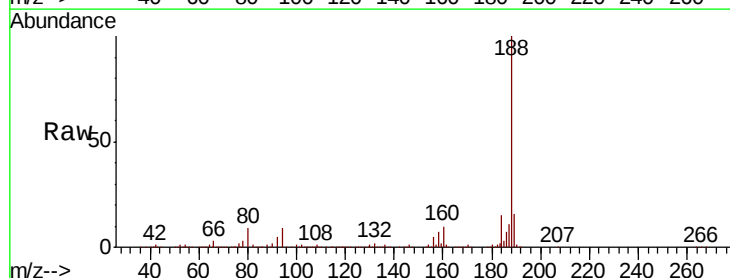
Tgt Ion: 188 Resp: 423085

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

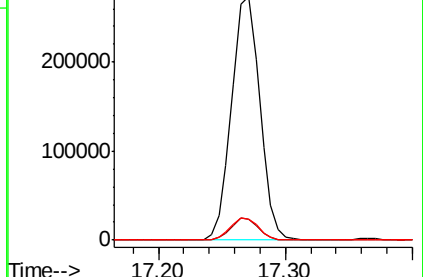
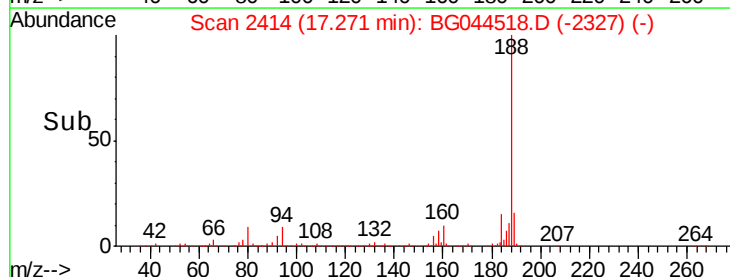
80 8.7 7.7 11.5

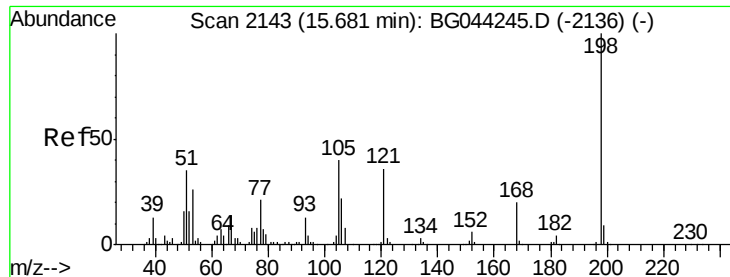


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 53.791 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

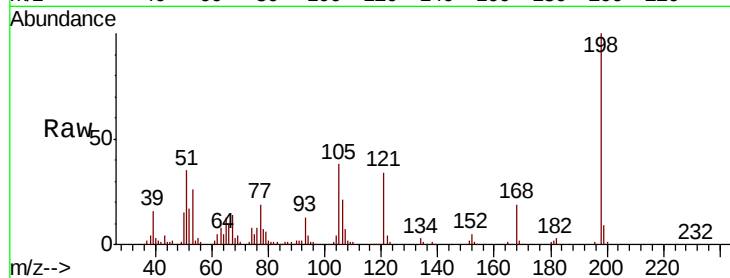
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 125624

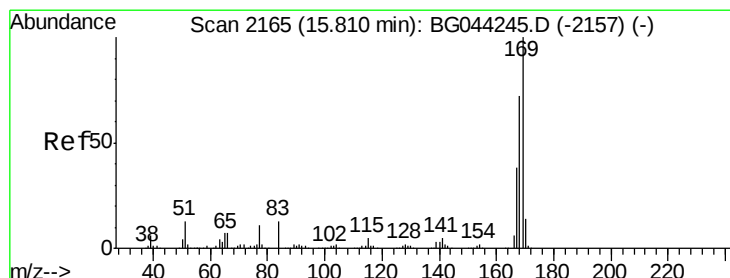
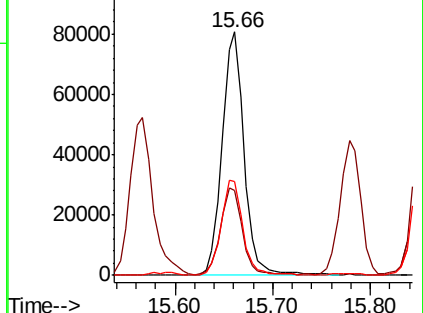
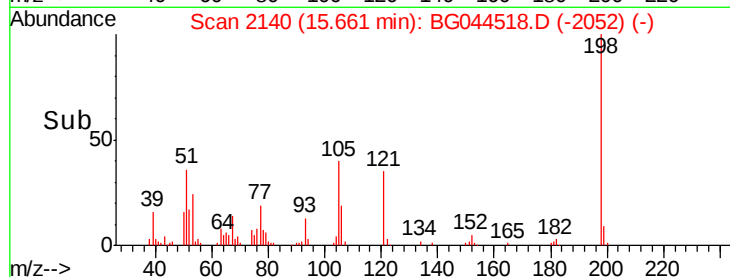
Ion	Ratio	Lower	Upper
198	100		
51	34.8	16.6	56.6
105	38.5	20.6	60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.320 ng

RT: 15.78 min Scan# 2160

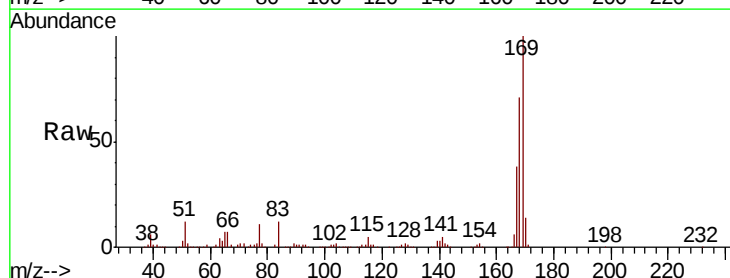
Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Tgt Ion:169 Resp: 549201

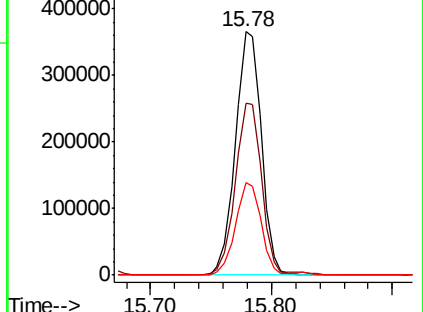
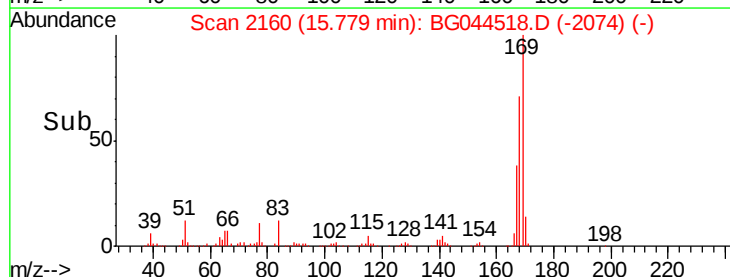
Ion	Ratio	Lower	Upper
169	100		
168	70.9	57.9	86.9
167	38.1	30.7	46.1

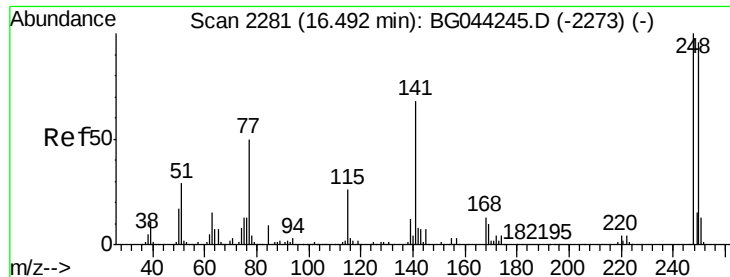


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

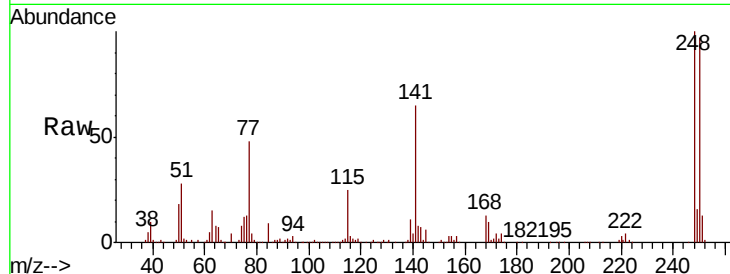




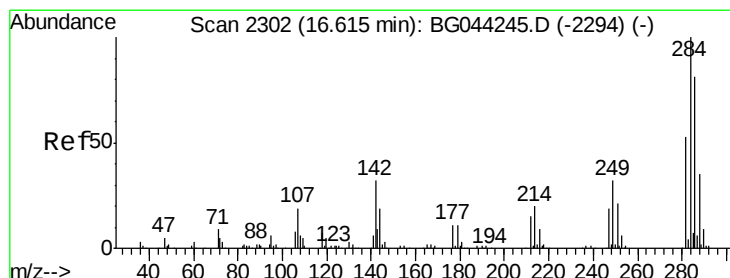
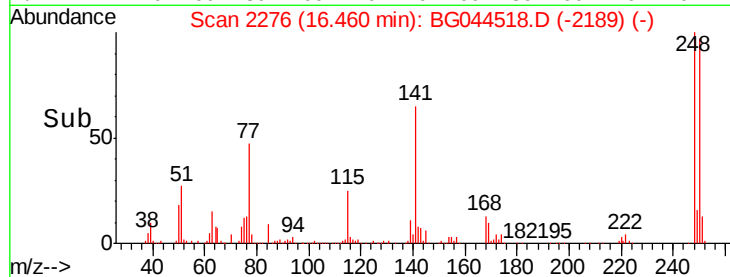
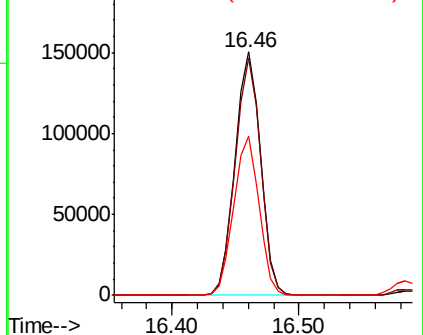
#67
4-Bromophenyl-phenylether
Concen: 45.369 ng
RT: 16.46 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 209126
Ion Ratio Lower Upper
248 100
250 97.4 76.6 114.8
141 65.3 54.7 82.1

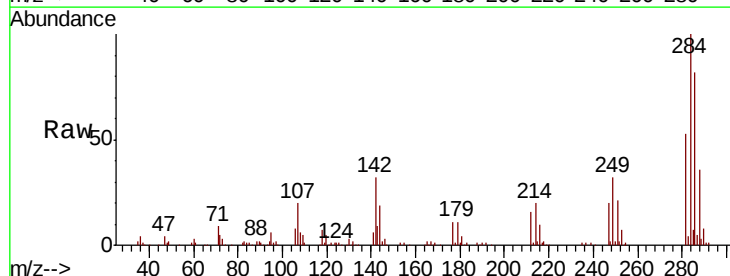


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

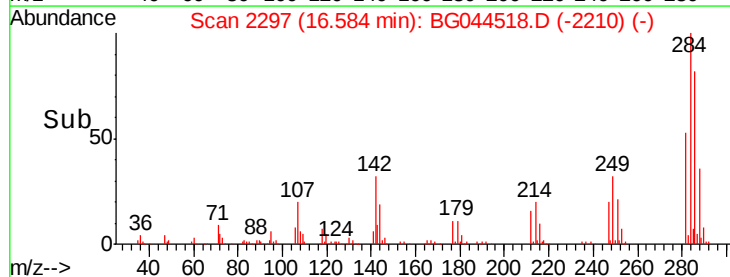
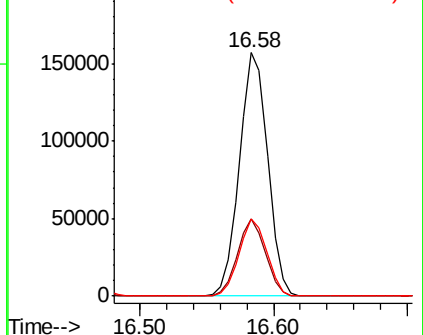


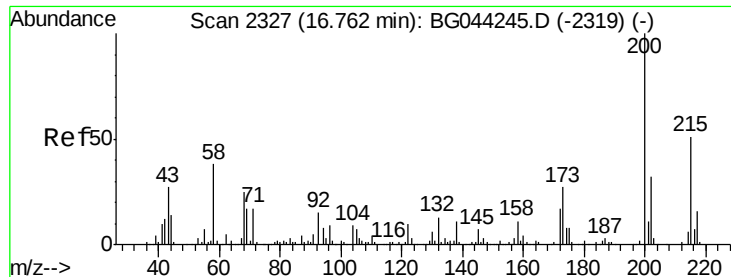
#68
Hexachlorobenzene
Concen: 44.433 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion:284 Resp: 229457
Ion Ratio Lower Upper
284 100
142 31.6 25.3 37.9
249 31.6 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: 51.598 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampleId :

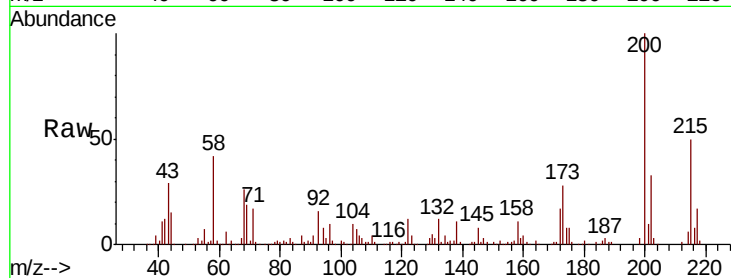
Tot Ion:200 Resp: 209689

Ion Ratio Lower Upper

200 100

173 27.9 6.6 46.6

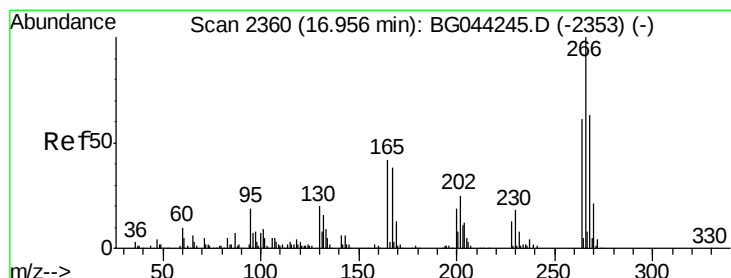
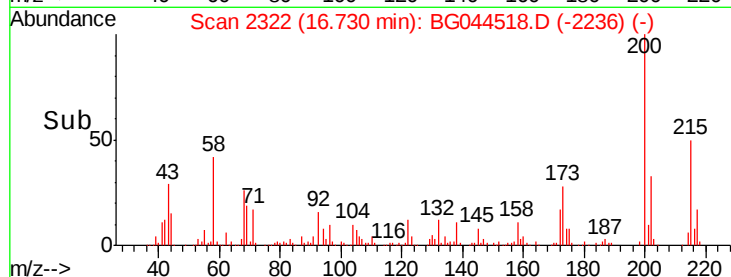
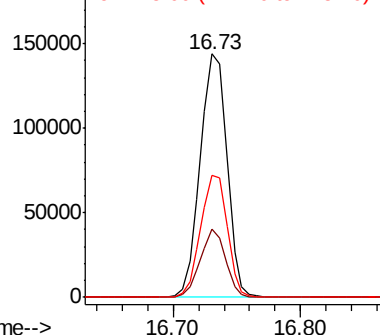
215 50.4 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 90.822 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

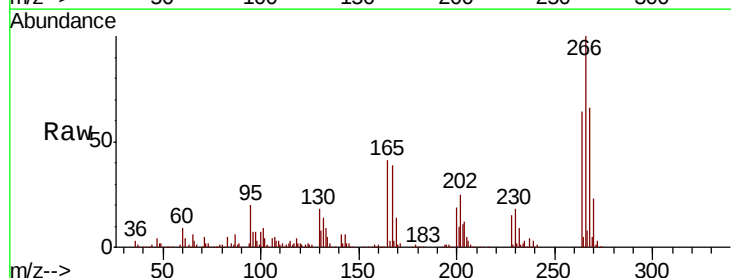
Tgt Ion:266 Resp: 238330

Ion Ratio Lower Upper

266 100

268 65.5 50.6 75.8

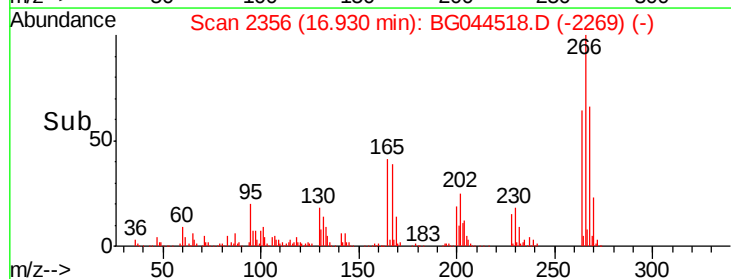
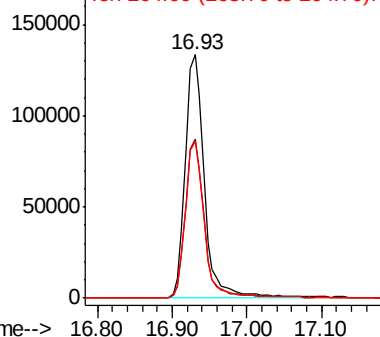
264 64.2 48.7 73.1

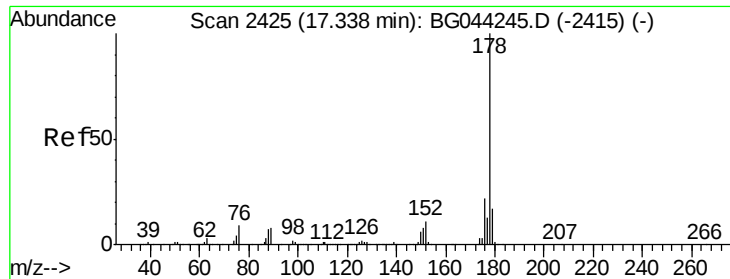


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

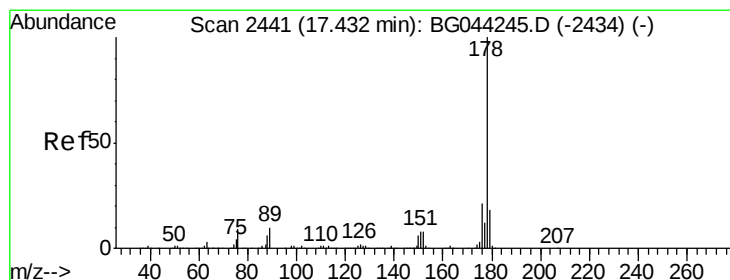
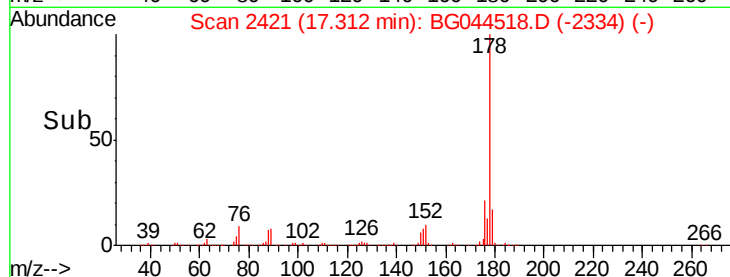
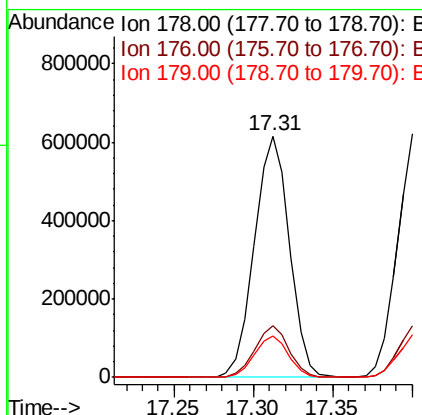
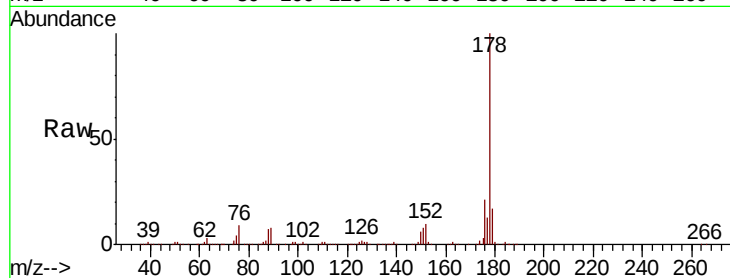




#71
Phenanthrene
Concen: 46.069 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

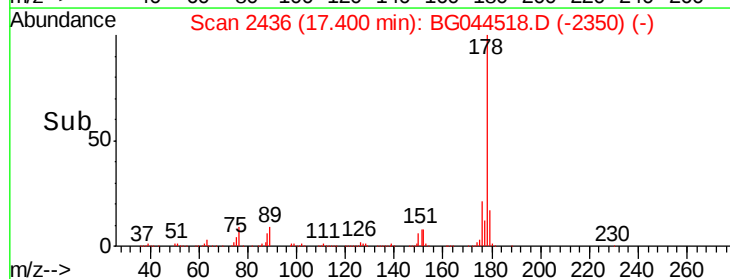
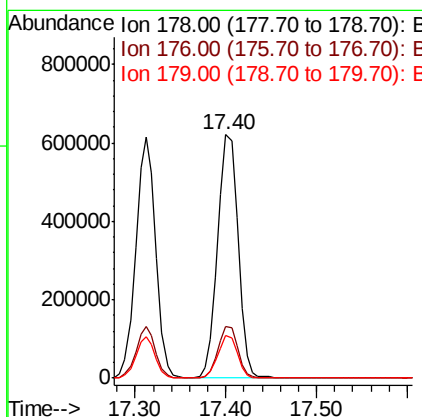
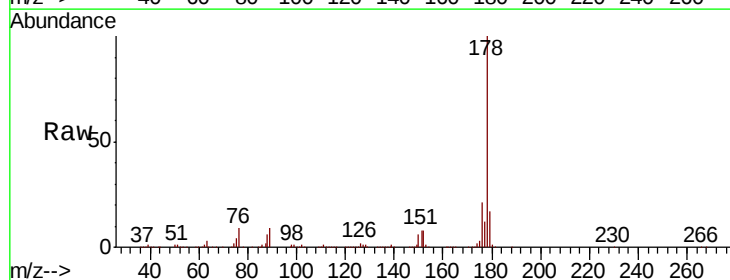
Instrument :
BNA_G
ClientSampleId :

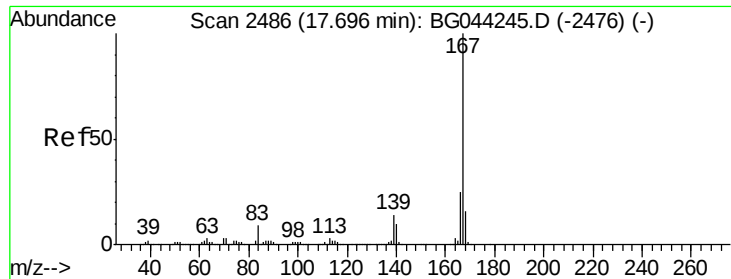
Tot Ion:178 Resp: 943819
Ion Ratio Lower Upper
178 100
176 21.4 17.7 26.5
179 17.1 13.7 20.5



#72
Anthracene
Concen: 47.993 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion:178 Resp: 972096
Ion Ratio Lower Upper
178 100
176 21.1 17.0 25.4
179 17.3 14.4 21.6

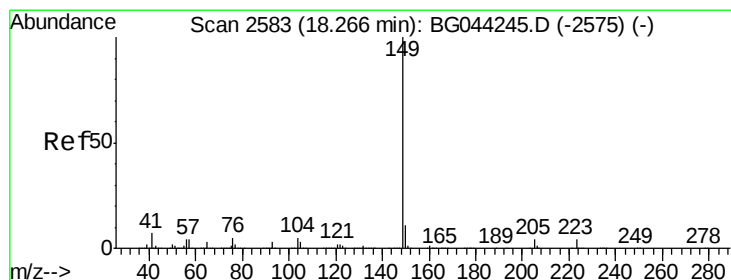
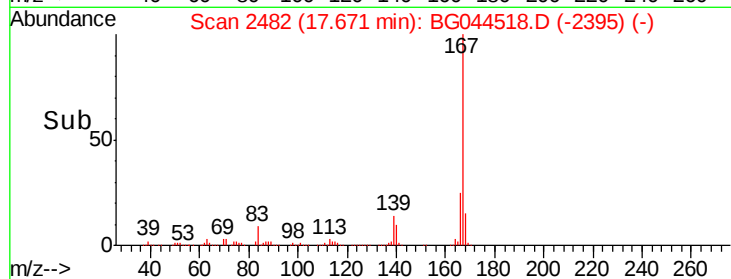
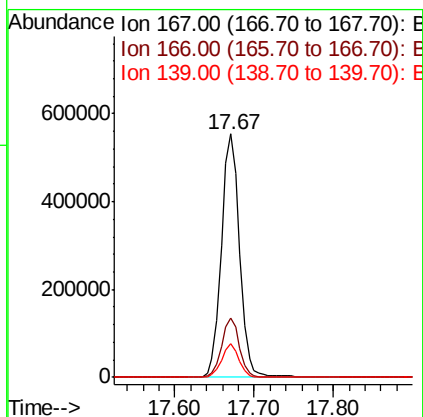
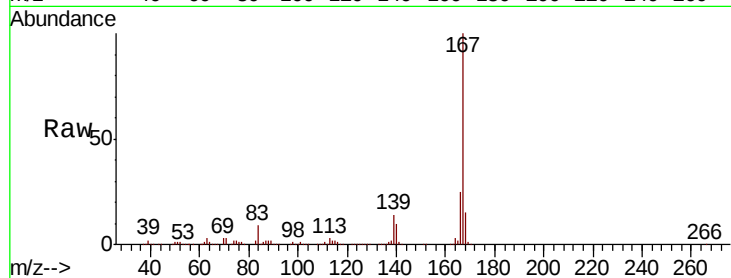




#73
 Carbazole
 Concen: 47.087 ng
 RT: 17.67 min Scan# 2482
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

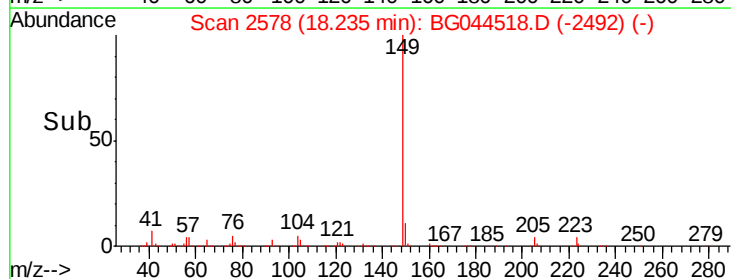
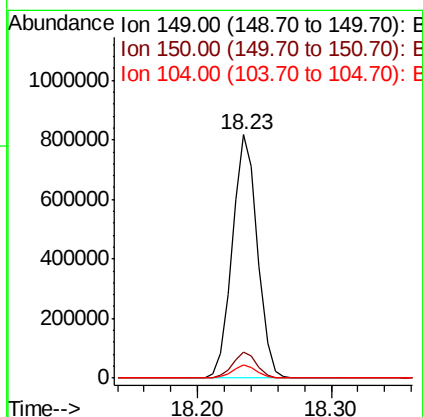
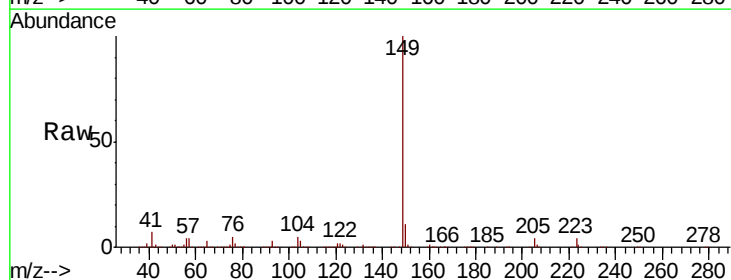
Instrument :
 BNA_G
 ClientSampleId :

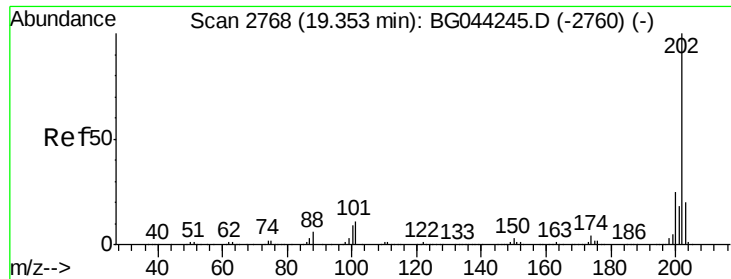
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.8	29.6
139	13.6	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 46.370 ng
 RT: 18.23 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.7	13.1
104	5.5	4.3	6.5

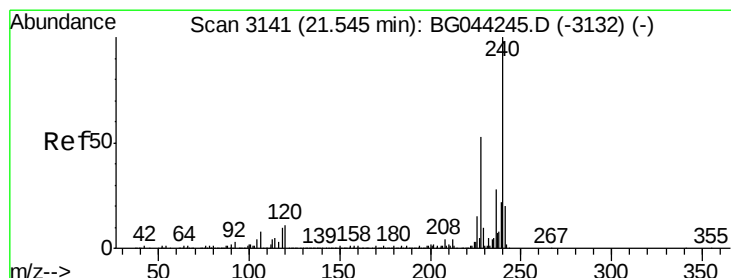
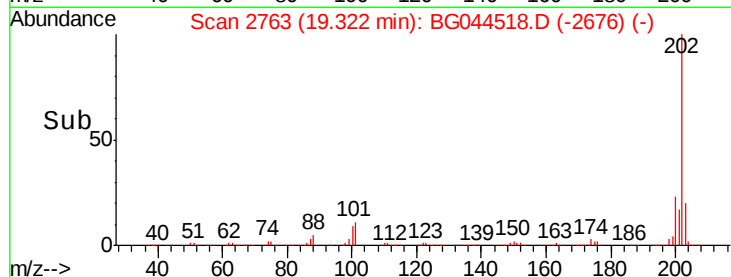
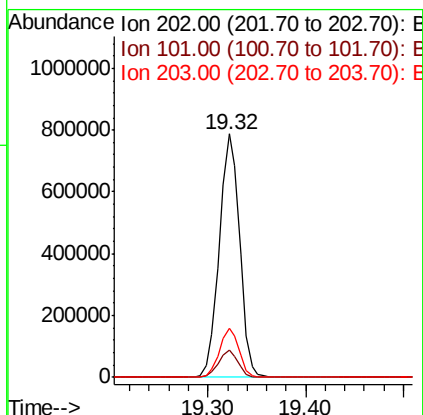
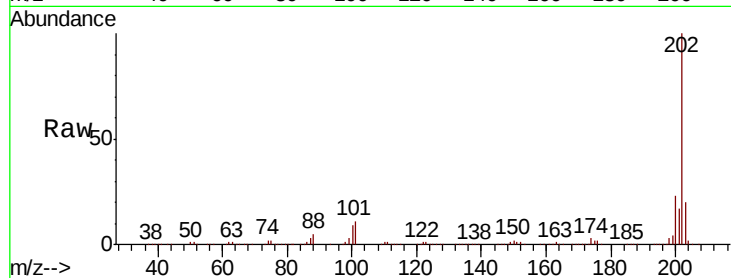




#75
 Fluoranthene
 Concen: 47.978 ng
 RT: 19.32 min Scan# 2763
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

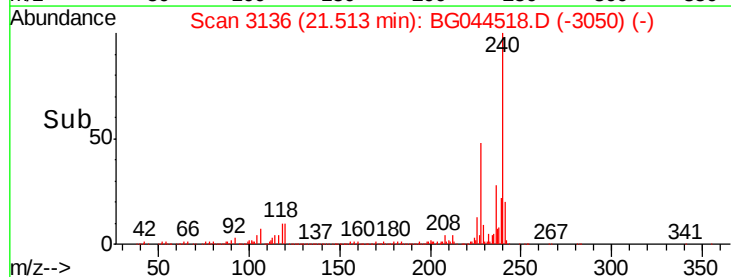
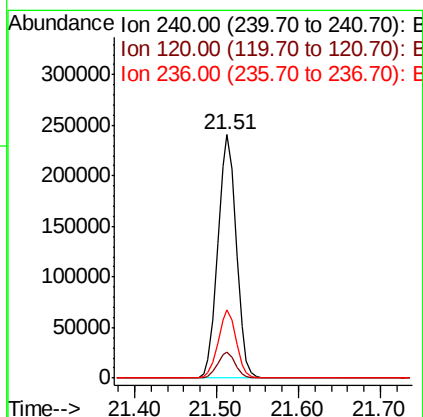
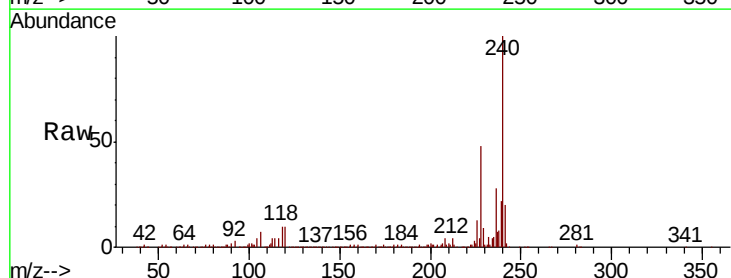
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:202 Resp: 1137069
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 31.3
 203 20.0 0.0 39.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

Tgt Ion:240 Resp: 377968
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 28.2 22.1 33.1





#77

Benzidine

Concen: 36.499 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

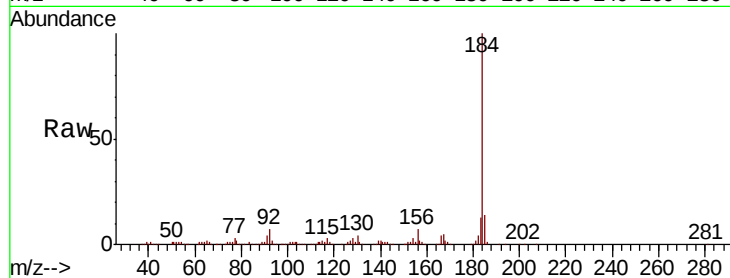
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 382654

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.9	19.3
183	13.1	10.8	16.2

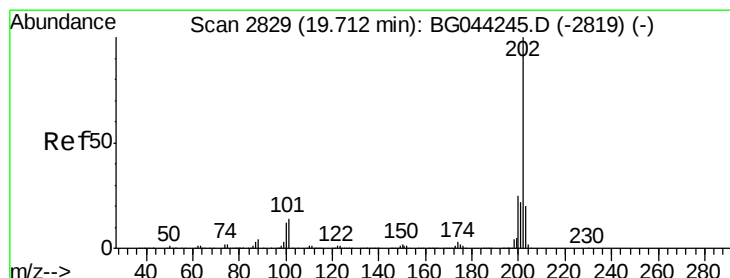
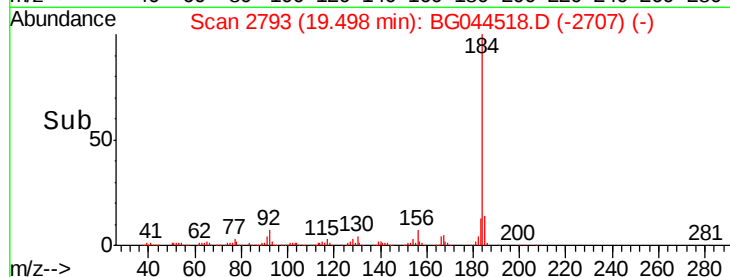
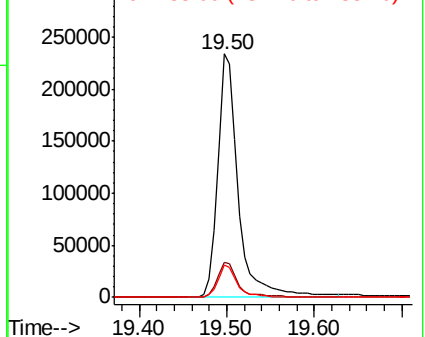


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.041 ng

RT: 19.69 min Scan# 2825

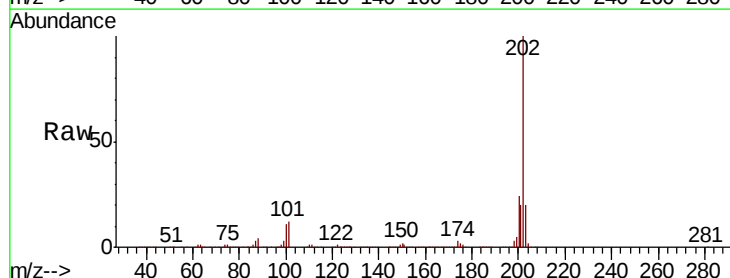
Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Tgt Ion:202 Resp: 1141846

Ion	Ratio	Lower	Upper
202	100		
200	23.9	20.0	30.0
203	19.7	16.2	24.2

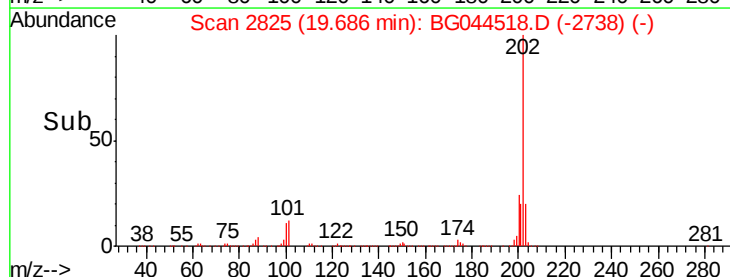
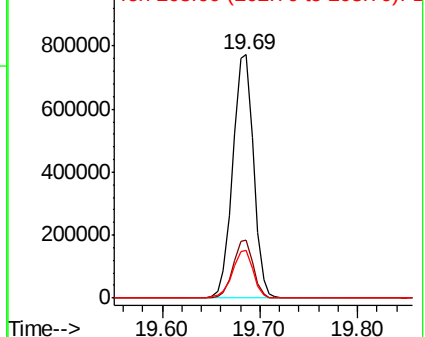


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.242 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampled :

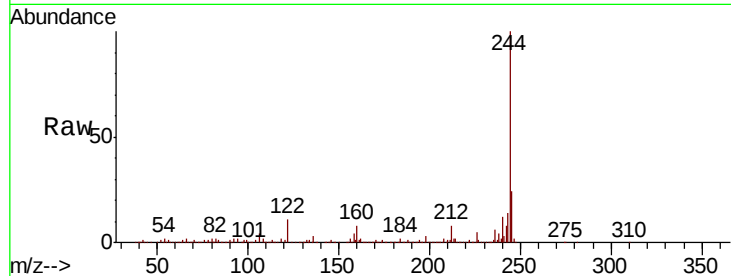
Tot Ion:244 Resp: 1401022

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

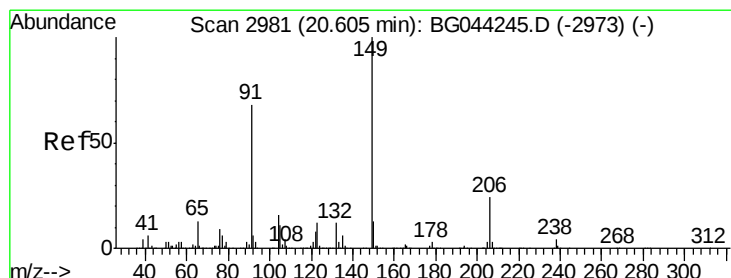
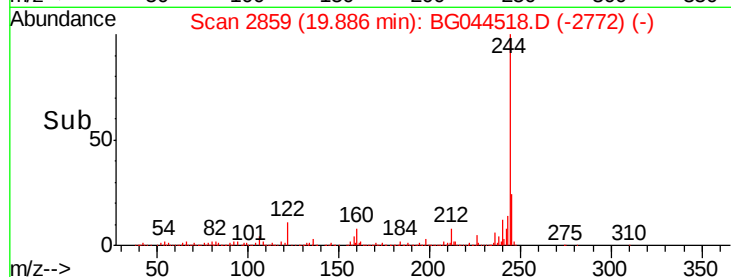
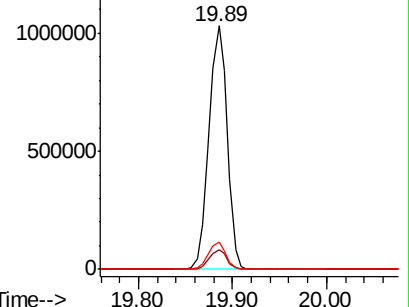
122 11.0 9.8 14.6



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: 44.526 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

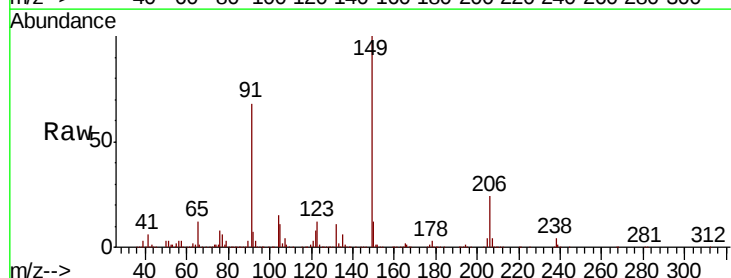
Tgt Ion:149 Resp: 492531

Ion Ratio Lower Upper

149 100

91 67.9 54.5 81.7

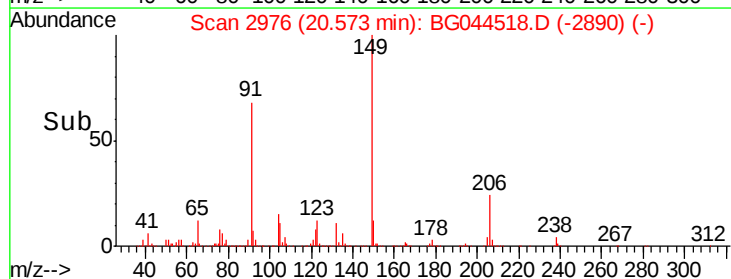
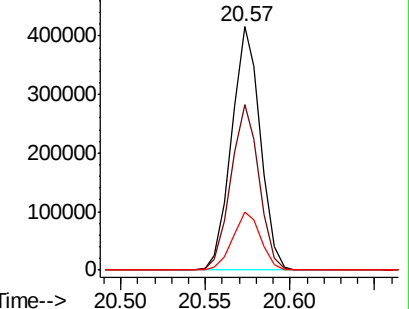
206 23.6 19.1 28.7

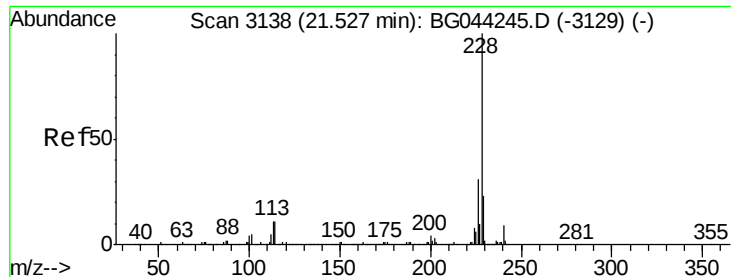


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.820 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampleId :

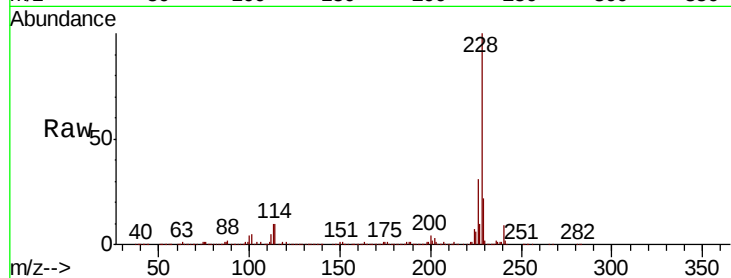
Tot Ion:228 Resp: 1090660

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

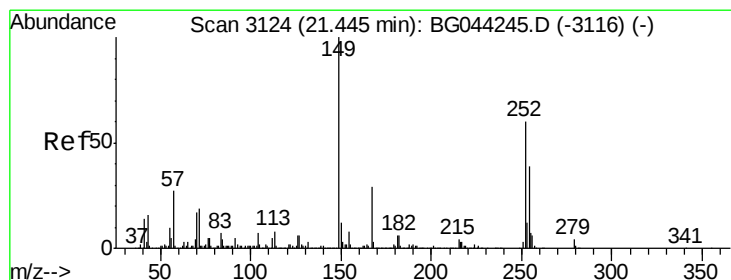
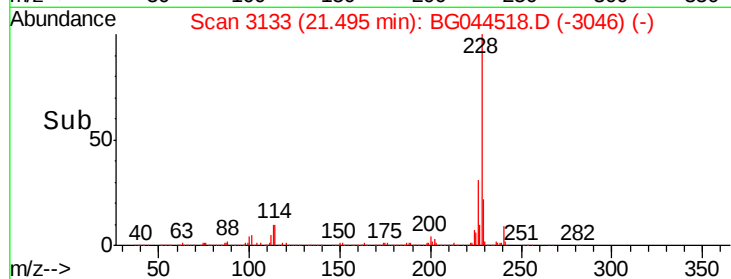
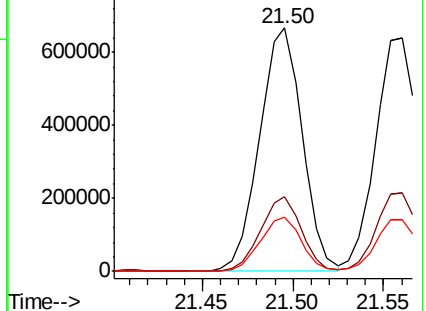
229 22.0 18.2 27.4



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: 37.746 ng

RT: 21.41 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

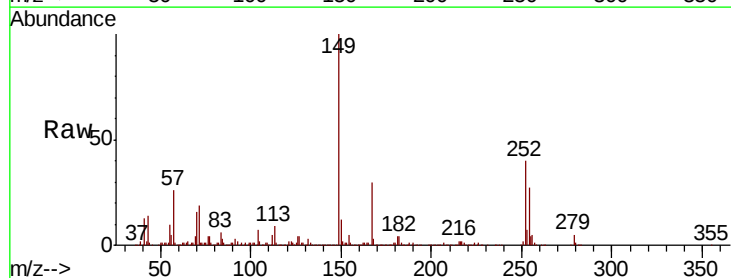
Tgt Ion:252 Resp: 341256

Ion Ratio Lower Upper

252 100

254 66.6 52.6 78.8

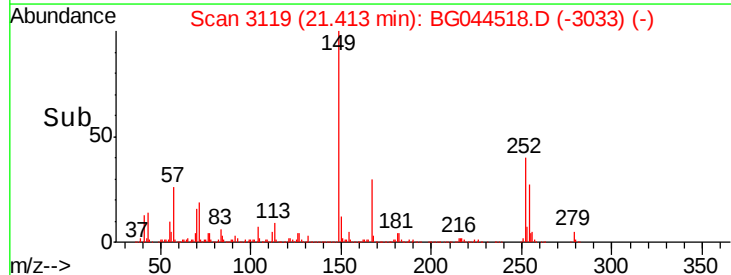
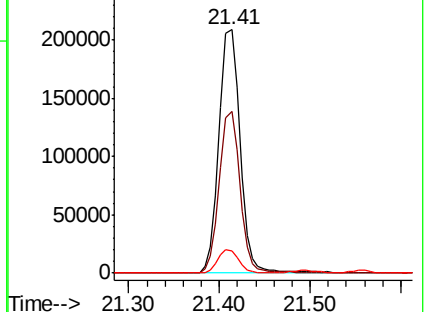
126 9.3 8.2 12.4

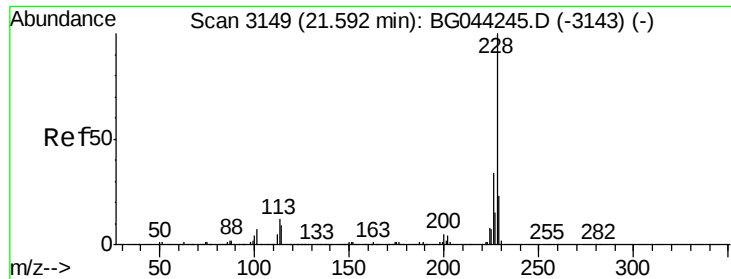


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

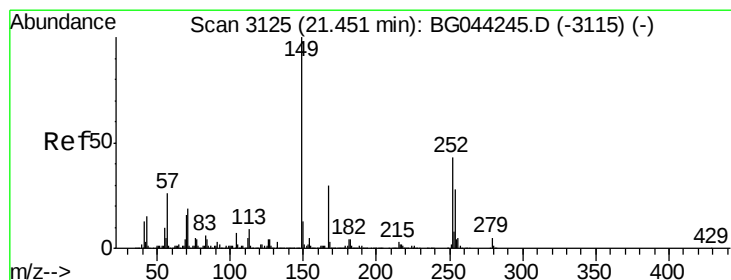
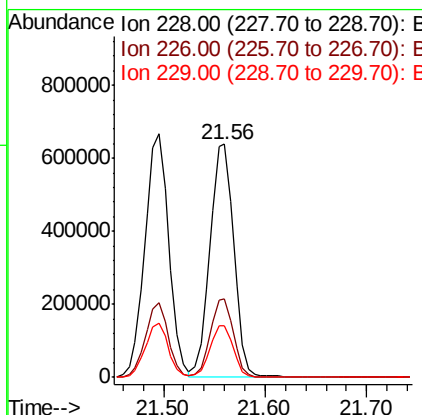
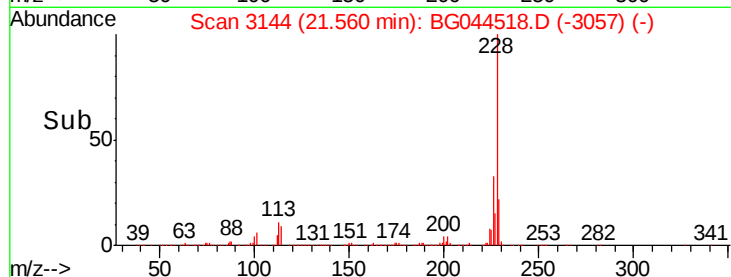
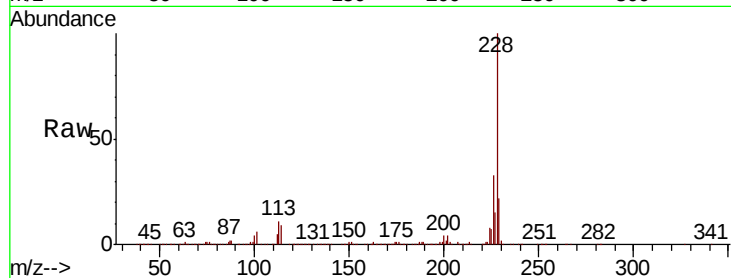




#83
 Chrysene
 Concen: 46.239 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

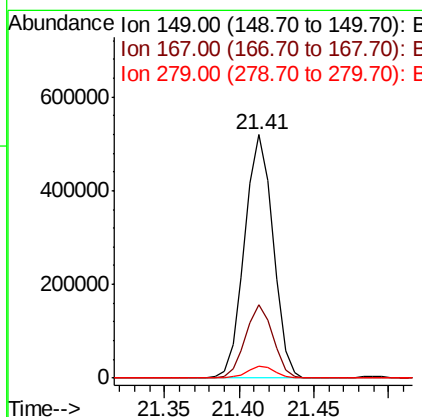
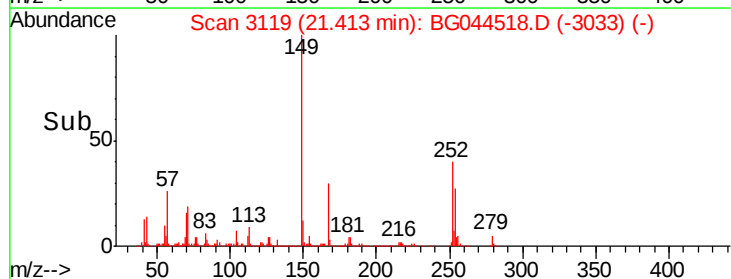
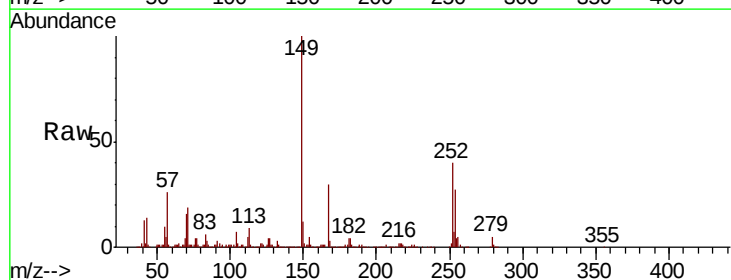
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1041122
 Ion Ratio Lower Upper
 228 100
 226 33.4 27.1 40.7
 229 21.9 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.953 ng
 RT: 21.41 min Scan# 3119
 Delta R.T. -0.02 min
 Lab File: BG044518.D
 Acq: 20 Feb 2020 13:17

Tgt Ion:149 Resp: 684427
 Ion Ratio Lower Upper
 149 100
 167 30.3 24.0 36.0
 279 4.8 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 46.510 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.04 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampled :

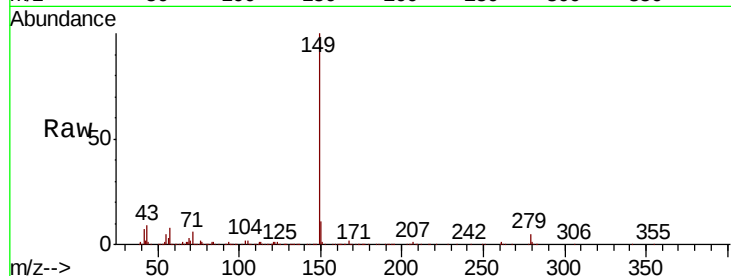
Tot Ion:149 Resp: 1225222

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

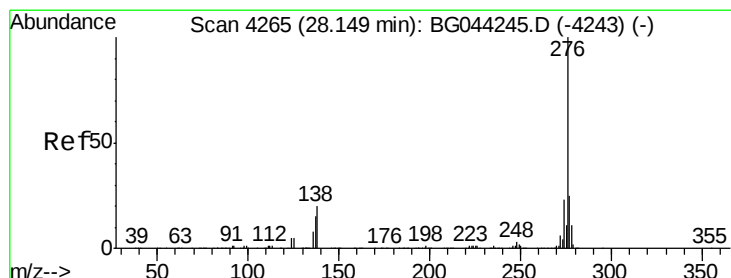
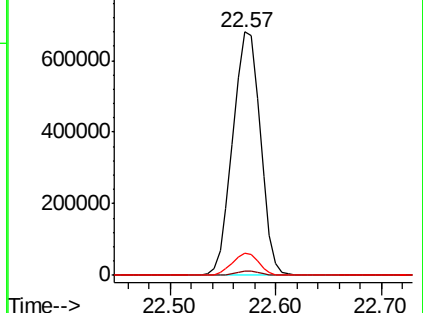
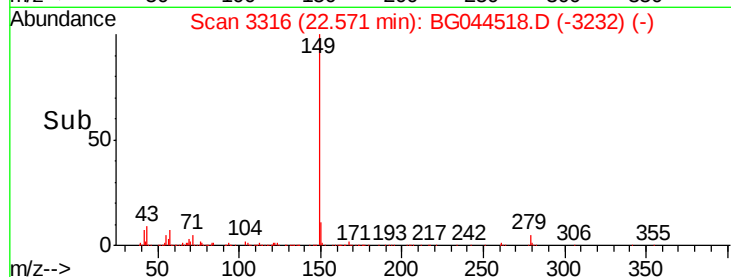
43 8.7 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.807 ng

RT: 28.08 min Scan# 4253

Delta R.T. -0.04 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

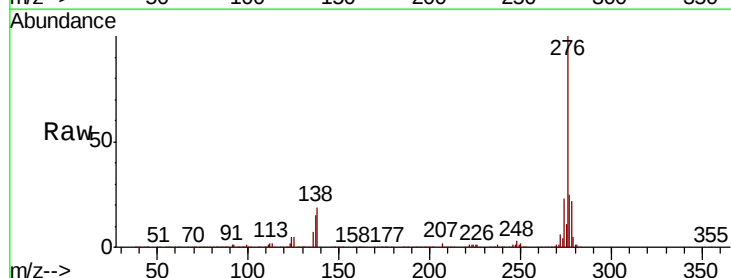
Tgt Ion:276 Resp: 1345608

Ion Ratio Lower Upper

276 100

138 23.6 19.4 29.0

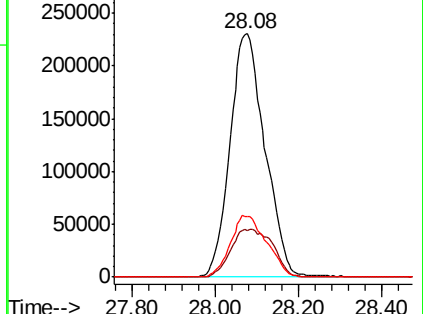
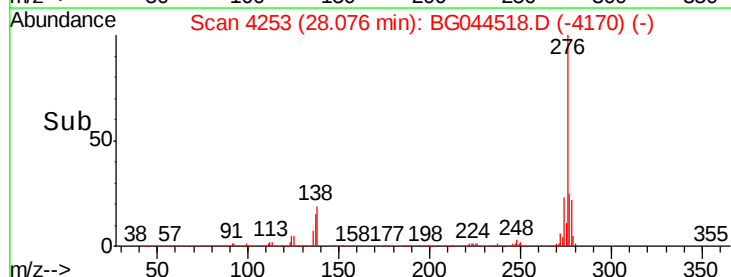
277 26.3 21.0 31.6

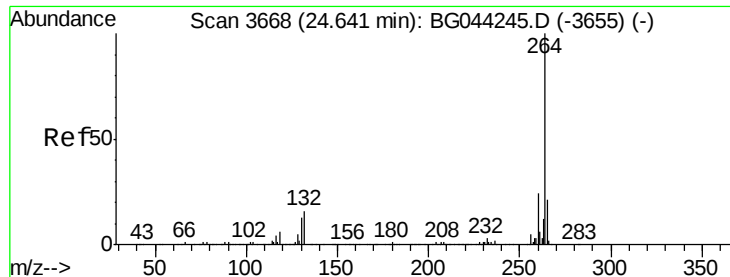


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3658

Delta R.T. -0.04 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

Instrument :

BNA_G

ClientSampled :

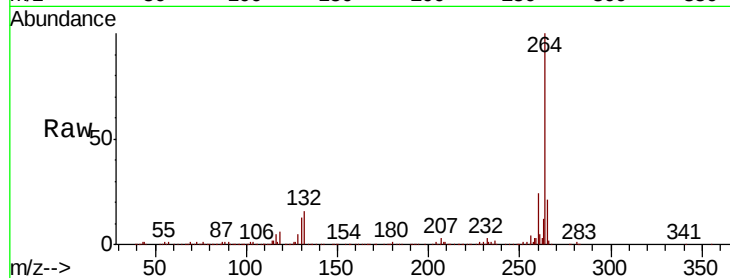
Tot Ion:264 Resp: 385877

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.2 16.7 25.1

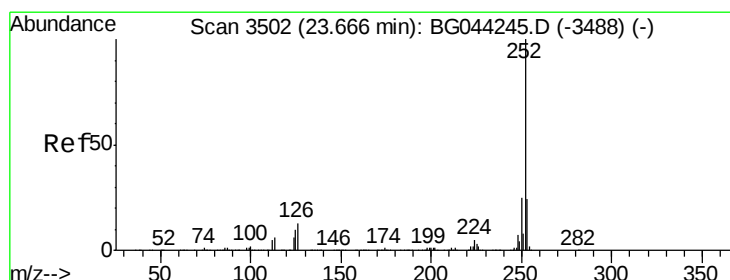
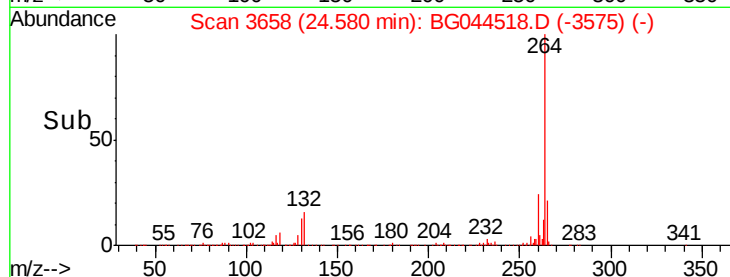
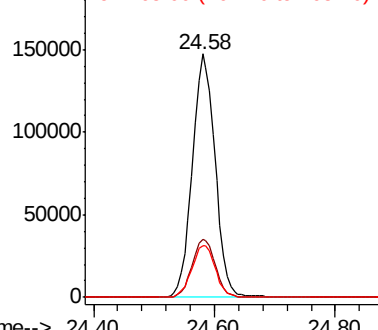


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.469 ng

RT: 23.62 min Scan# 3494

Delta R.T. -0.03 min

Lab File: BG044518.D

Acq: 20 Feb 2020 13:17

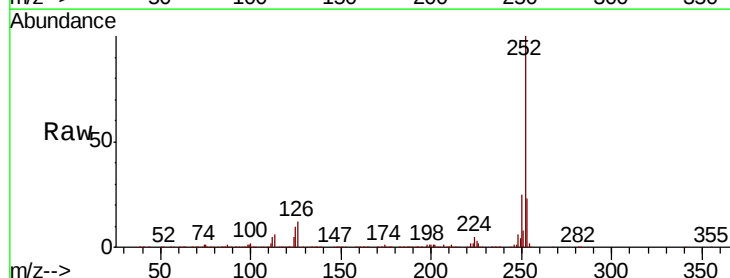
Tgt Ion:252 Resp: 1144445

Ion Ratio Lower Upper

252 100

253 23.3 19.2 28.8

125 9.9 8.4 12.6

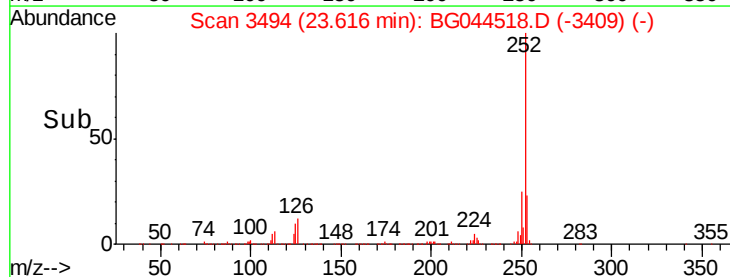
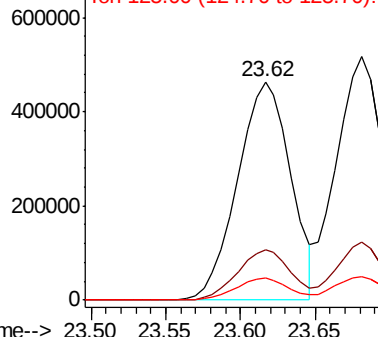


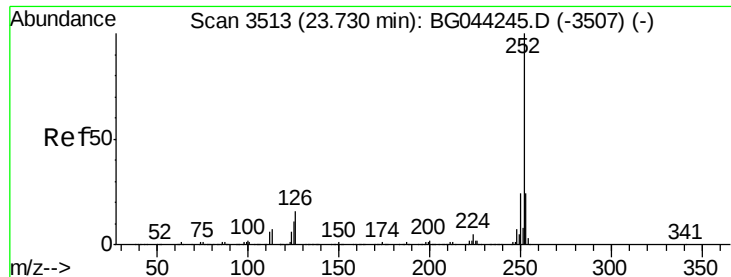
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

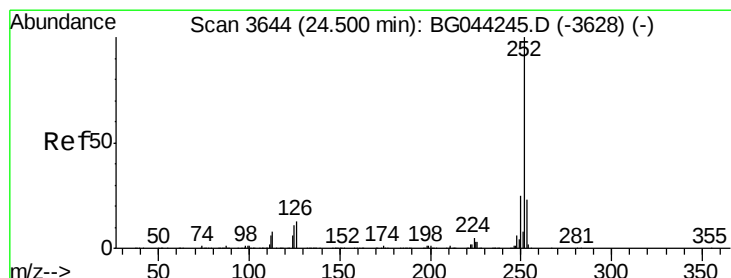
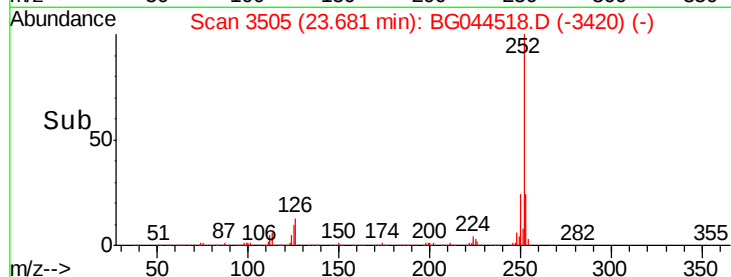
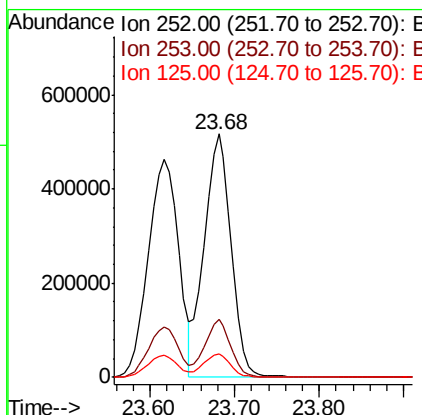
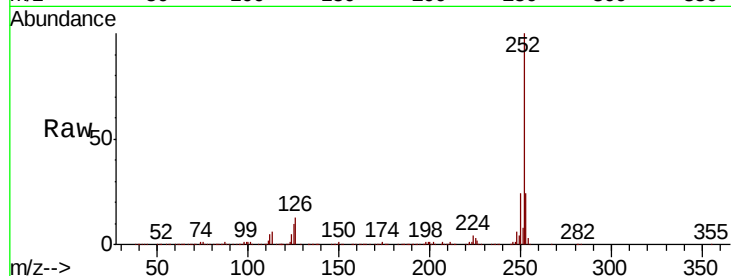




#89
Benzo(k)fluoranthene
Concen: 52.778 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.03 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

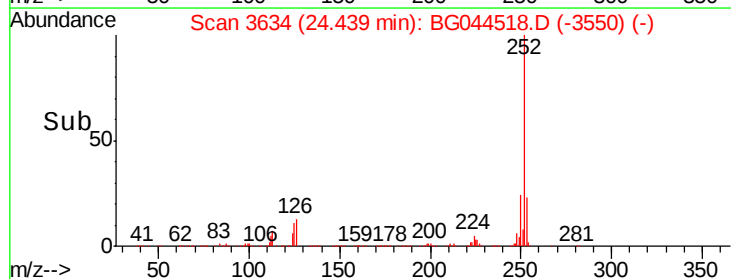
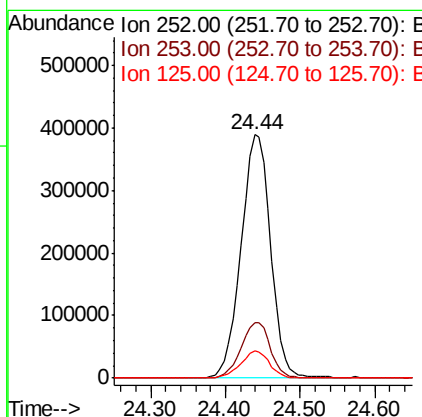
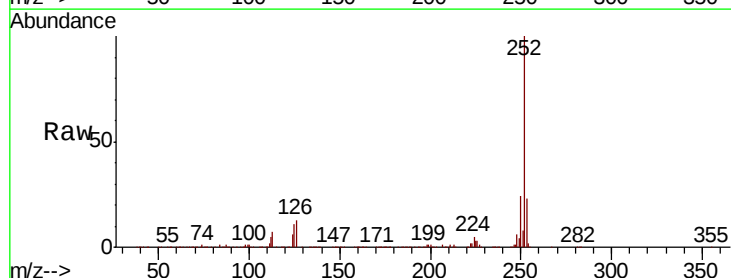
Instrument :
BNA_G
ClientSampleId :

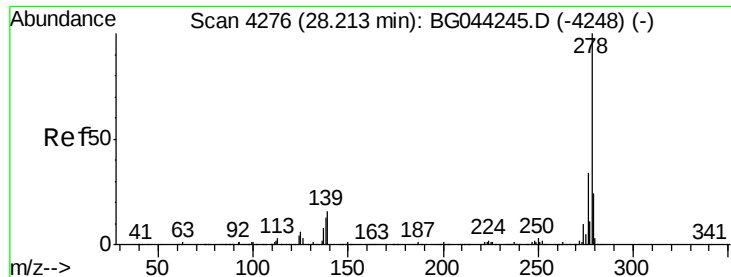
Tot Ion:252 Resp: 1143788
Ion Ratio Lower Upper
252 100
253 23.8 19.1 28.7
125 9.7 8.6 12.8



#90
Benzo(a)pyrene
Concen: 50.732 ng
RT: 24.44 min Scan# 3634
Delta R.T. -0.04 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion:252 Resp: 1066557
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.0 8.6 13.0

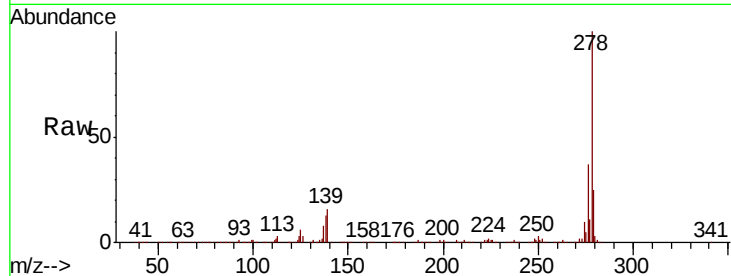




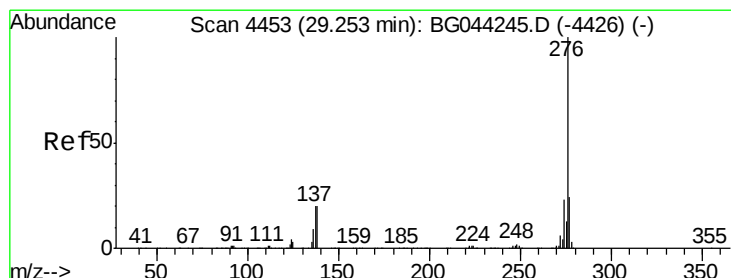
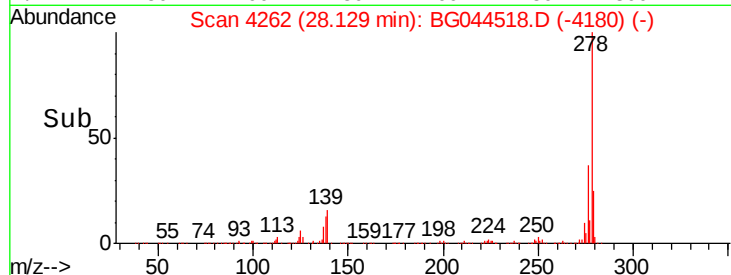
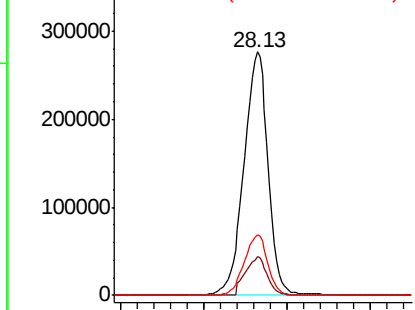
#91
Dibenzo(a,h)anthracene
Concen: 53.697 ng
RT: 28.13 min Scan# 4262
Delta R.T. -0.05 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1117234
Ion Ratio Lower Upper
278 100
139 16.2 12.7 19.1
279 24.8 19.3 28.9

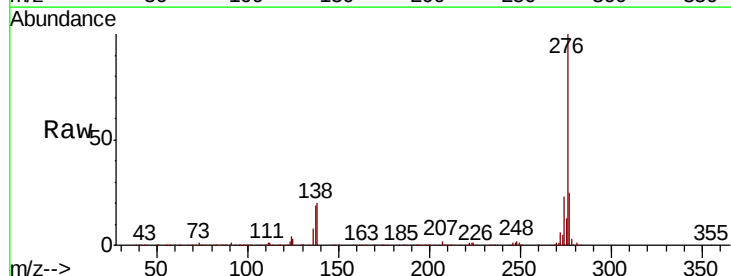


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.410 ng
RT: 29.16 min Scan# 4437
Delta R.T. -0.05 min
Lab File: BG044518.D
Acq: 20 Feb 2020 13:17

Tgt Ion:276 Resp: 1133276
Ion Ratio Lower Upper
276 100
277 24.6 18.8 28.2
138 20.0 16.2 24.2



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

