

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
 Data File : BG045907.D
 Acq On : 1 Jul 2020 15:42
 Operator : CG/JU
 Sample : L3153-25MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-FMSD

Quant Time: Jul 01 17:05:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 14:59:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	52241	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	203566	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	149981	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	349177	20.00	ng	0.00
76) Chrysene-d12	21.52	240	318704	20.00	ng	0.00
86) Perylene-d12	24.60	264	331133	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	390455	126.26	ng	0.00
7) Phenol-d6	7.08	99	586454	124.67	ng	0.00
23) Nitrobenzene-d5	9.02	82	397384	89.18	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	289207	127.72	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	895752	87.77	ng	0.00
79) Terphenyl-d14	19.89	244	1491734	94.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	52837	37.303	ng	96
3) Pyridine	3.68	79	147766	35.205	ng	99
4) n-Nitrosodimethylamine	3.60	42	65796	46.701	ng	92
6) Aniline	7.18	93	132775	23.971	ng	98
8) 2-Chlorophenol	7.43	128	165424	49.973	ng	95
9) Benzaldehyde	6.99	77	73310	25.947	ng	96
10) Phenol	7.10	94	228477	50.127	ng	98
11) bis(2-Chloroethyl)ether	7.28	93	152583	44.073	ng	96
12) 1,3-Dichlorobenzene	7.75	146	172231	43.660	ng	96
13) 1,4-Dichlorobenzene	7.89	146	175688	44.587	ng	96
14) 1,2-Dichlorobenzene	8.21	146	163826	43.429	ng	99
15) Benzyl Alcohol	8.11	79	173847	47.756	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.39	45	140069	42.928	ng	98
17) 2-Methylphenol	8.35	107	154020	45.406	ng	96
18) Hexachloroethane	8.94	117	67213	44.913	ng	92
19) n-Nitroso-di-n-propylamine	8.67	70	142725	46.150	ng	99
20) 3+4-Methylphenols	8.67	107	206019	46.182	ng	96
22) Acetophenone	8.68	105	247725	44.337	ng	# 98
24) Nitrobenzene	9.06	77	215184	45.291	ng	99
25) Isophorone	9.58	82	386901	44.851	ng	98
26) 2-Nitrophenol	9.78	139	98115	49.568	ng	95
27) 2,4-Dimethylphenol	9.87	122	154092	50.989	ng	96
28) bis(2-Chloroethoxy)methane	10.07	93	210668	46.752	ng	# 95
29) 2,4-Dichlorophenol	10.34	162	174724	49.555	ng	98
30) 1,2,4-Trichlorobenzene	10.53	180	187386	44.893	ng	95
31) Naphthalene	10.71	128	504547	45.335	ng	98
32) Benzoic acid	10.08	122	111491	55.223	ng	98
33) 4-Chloroaniline	10.83	127	74872	16.065	ng	97
34) Hexachlorobutadiene	11.00	225	128861	43.409	ng	99
35) Caprolactam	11.61	113	32201	28.222	ng	93
36) 4-Chloro-3-methylphenol	12.00	107	204835	50.316	ng	96
37) 2-Methylnaphthalene	12.33	142	382863	46.199	ng	96
38) 1-Methylnaphthalene	12.55	142	371569	47.379	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	221062	44.763	ng	98

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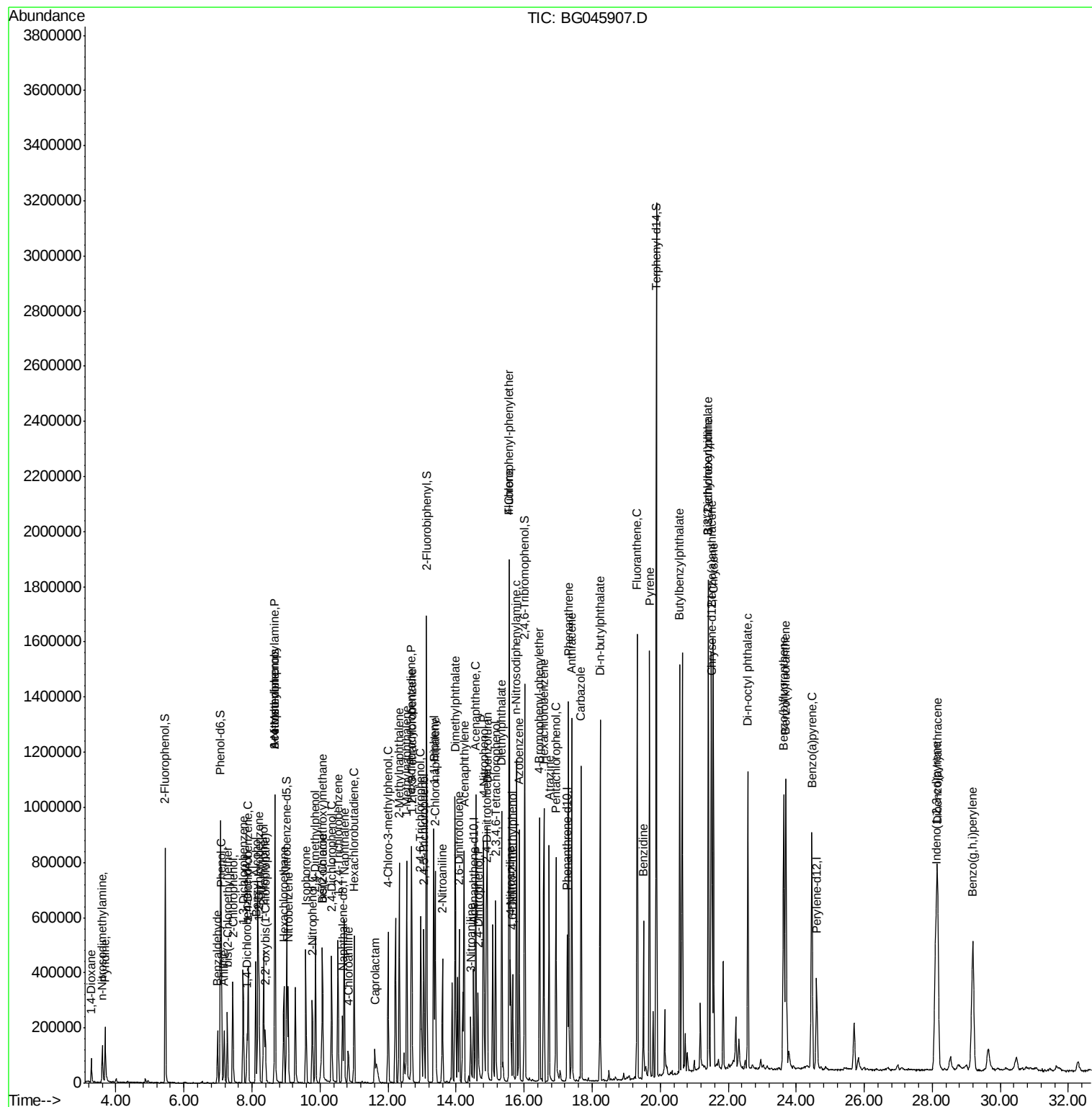
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	210176	77.358	ng	94
43) 2,4,6-Trichlorophenol	12.96	196	157601	47.069	ng	95
44) 2,4,5-Trichlorophenol	13.05	196	164849	43.198	ng	96
46) 1,1'-Biphenyl	13.34	154	494897	46.089	ng	99
47) 2-Chloronaphthalene	13.39	162	389317	44.884	ng	99
48) 2-Nitroaniline	13.60	65	135517	46.969	ng	98
49) Acenaphthylene	14.24	152	632937	45.557	ng	99
50) Dimethylphthalate	13.97	163	687211	58.489	ng	99
51) 2,6-Dinitrotoluene	14.10	165	123805	46.914	ng	93
52) Acenaphthene	14.58	154	379781	45.097	ng	99
53) 3-Nitroaniline	14.43	138	65973	25.029	ng	98
54) 2,4-Dinitrophenol	14.64	184	99211	69.116	ng	94
55) Dibenzofuran	14.92	168	627619	45.877	ng	100
56) 4-Nitrophenol	14.80	139	160024	84.500	ng	93
57) 2,4-Dinitrotoluene	14.89	165	175864	46.512	ng	97
58) Fluorene	15.56	166	527513	46.372	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	149209	45.049	ng	# 84
60) Diethylphthalate	15.34	149	554259	46.145	ng	97
61) 4-Chlorophenyl-phenylether	15.56	204	291430	44.449	ng	100
62) 4-Nitroaniline	15.61	138	119249	44.081	ng	97
63) Azobenzene	15.85	77	543501	47.126	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	100085	46.380	ng	97
66) n-Nitrosodiphenylamine	15.78	169	467721	47.292	ng	98
67) 4-Bromophenyl-phenylether	16.45	248	202481	44.628	ng	98
68) Hexachlorobenzene	16.58	284	223114	47.423	ng	98
69) Atrazine	16.73	200	175956	45.849	ng	99
70) Pentachlorophenol	16.93	266	162390	70.943	ng	96
71) Phenanthrene	17.31	178	846458	47.003	ng	100
72) Anthracene	17.40	178	845823	47.166	ng	99
73) Carbazole	17.67	167	788201	46.161	ng	99
74) Di-n-butylphthalate	18.23	149	948058	46.892	ng	98
75) Fluoranthene	19.32	202	1032612	46.631	ng	99
77) Benzidine	19.51	184	350759	42.335	ng	99
78) Pyrene	19.69	202	1010952	47.370	ng	100
80) Butylbenzylphthalate	20.58	149	414299	46.378	ng	97
81) Benzo(a)anthracene	21.50	228	962112	46.562	ng	97
82) 3,3'-Dichlorobenzidine	21.42	252	157975	20.212	ng	99
83) Chrysene	21.56	228	926397	46.354	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	574396	46.227	ng	100
85) Di-n-octyl phthalate	22.58	149	969054	45.213	ng	100
87) Indeno(1,2,3-cd)pyrene	28.11	276	1213408	50.546	ng	99
88) Benzo(b)fluoranthene	23.63	252	1029318	49.577	ng	98
89) Benzo(k)fluoranthene	23.69	252	989974	49.821	ng	100
90) Benzo(a)pyrene	24.46	252	933296	48.122	ng	98
91) Dibenzo(a,h)anthracene	28.16	278	985698	51.204	ng	98
92) Benzo(g,h,i)perylene	29.19	276	988722	51.314	ng	100

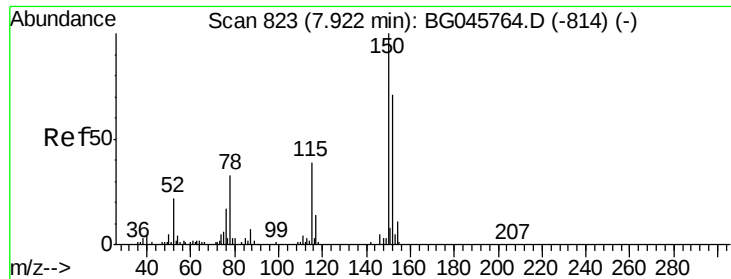
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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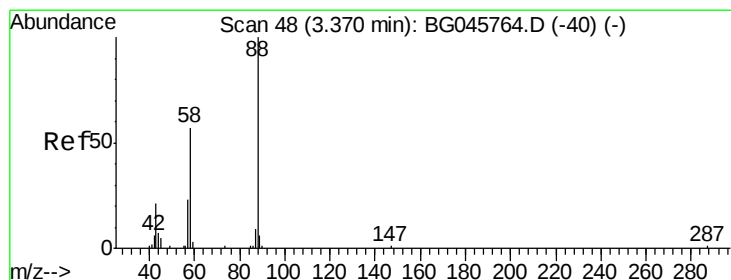
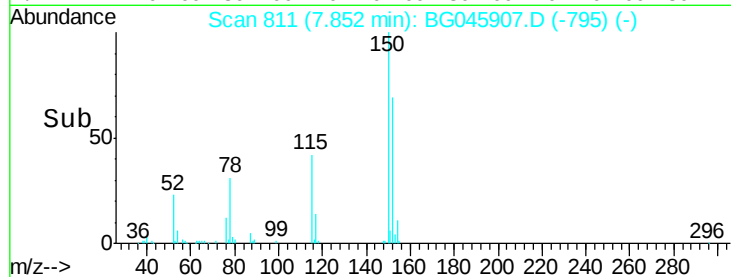
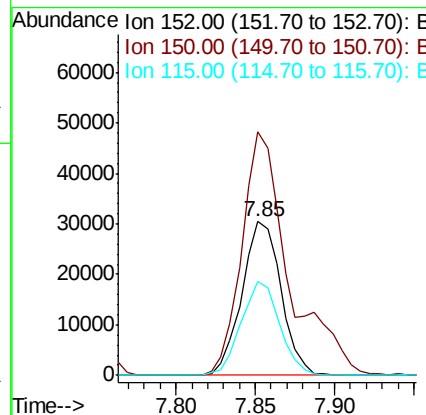
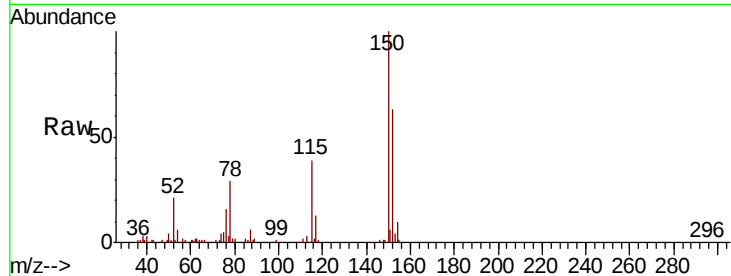


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

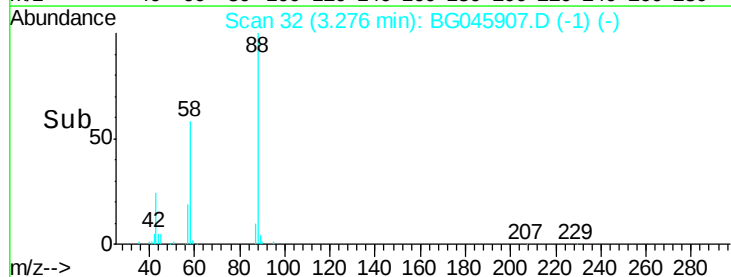
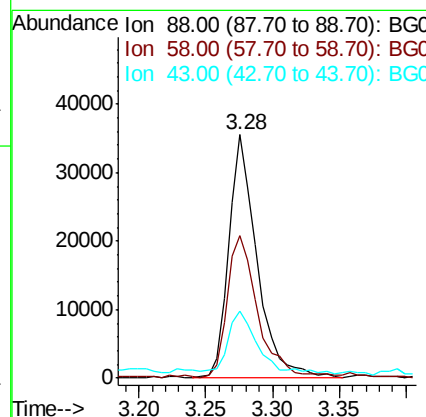
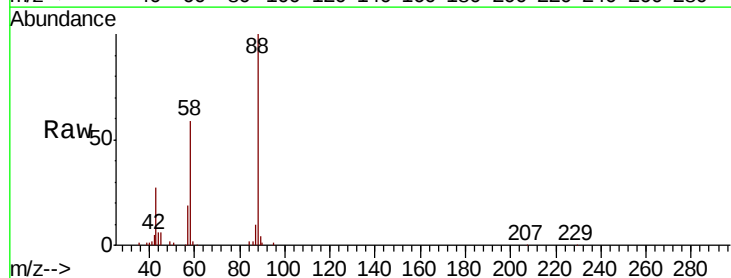
Tot Ion:152 Resp: 52241
Ion Ratio Lower Upper
152 100
150 158.2 123.9 185.9
115 61.0 48.6 72.8

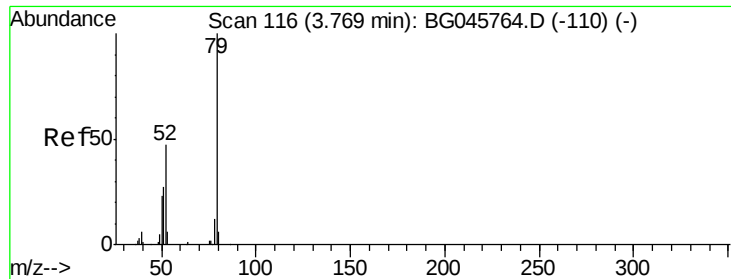


#2

1,4-Dioxane
Concen: 37.303 ng
RT: 3.28 min Scan# 32
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 88 Resp: 52837
Ion Ratio Lower Upper
88 100
58 62.7 48.2 72.4
43 26.9 19.1 28.7





#3

Pvridine

Concen: 35.205 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSD

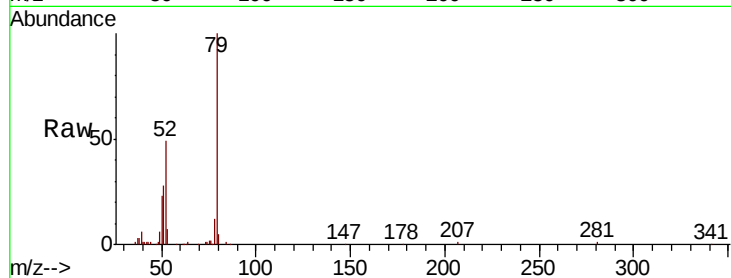
Tot Ion: 79 Resp: 147766

Ion Ratio Lower Upper

79 100

52 48.8 39.8 59.6

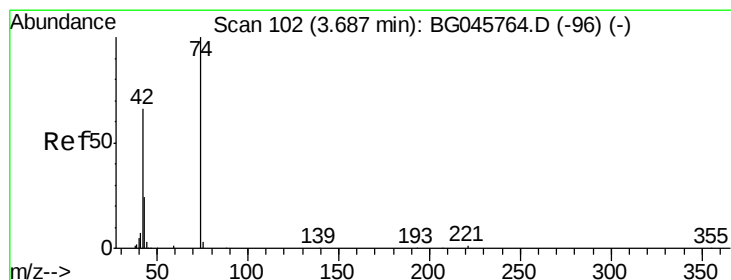
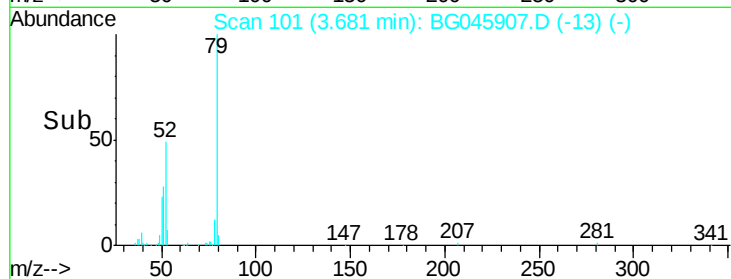
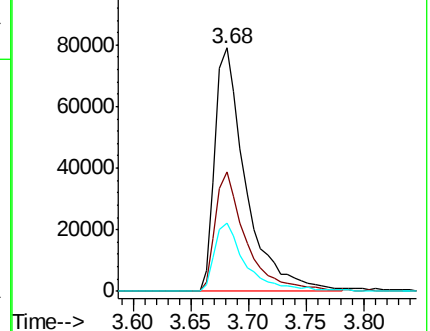
51 28.1 22.8 34.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 46.701 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

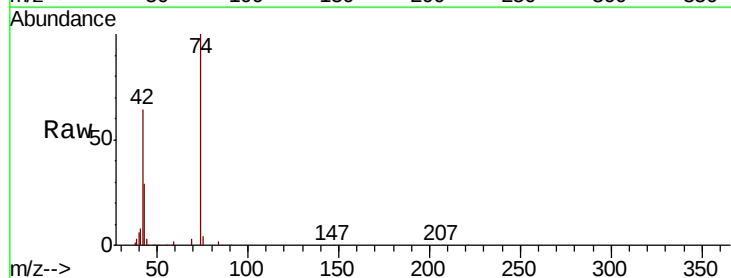
Tgt Ion: 42 Resp: 65796

Ion Ratio Lower Upper

42 100

74 157.2 117.8 176.8

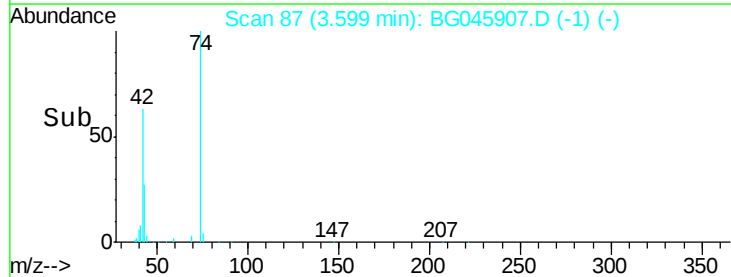
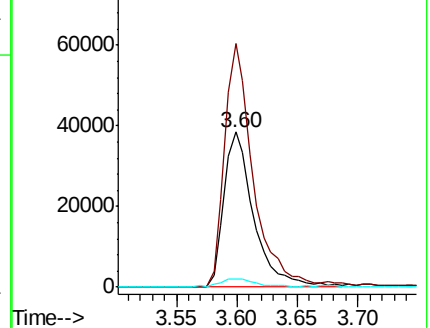
44 4.8 4.2 6.4

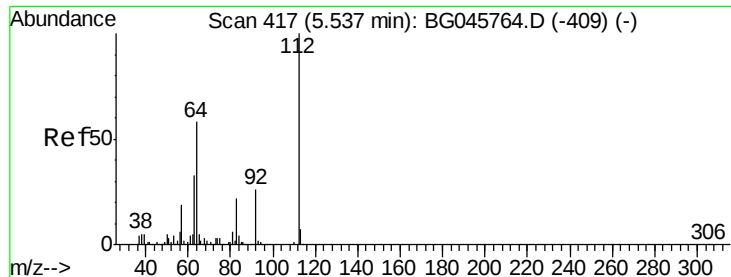


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.255 ng

RT: 5.45 min Scan# 402

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FM5D

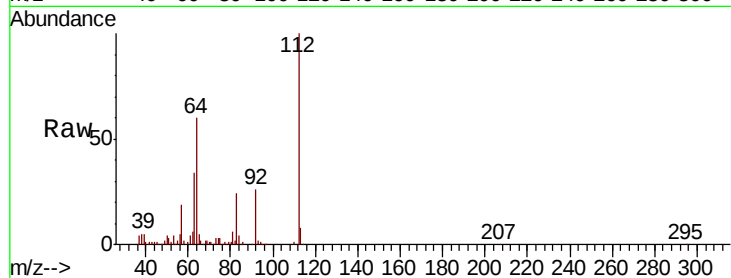
Tot Ion:112 Resp: 390455

Ion Ratio Lower Upper

112 100

64 60.3 47.3 70.9

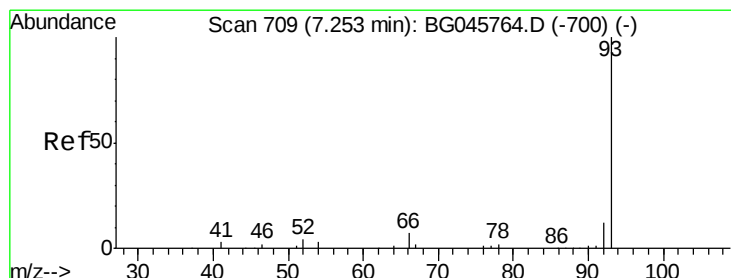
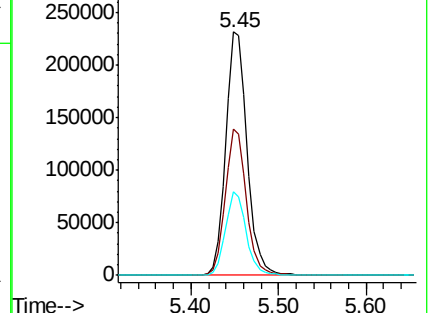
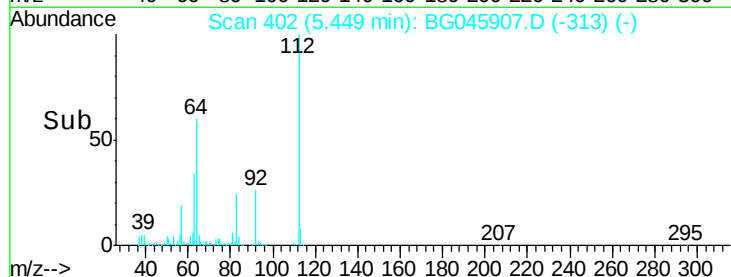
63 34.5 27.1 40.7



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: 23.971 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

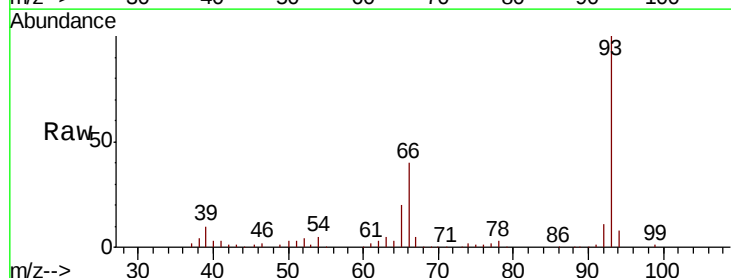
Tgt Ion: 93 Resp: 132775

Ion Ratio Lower Upper

93 100

66 39.9 30.6 46.0

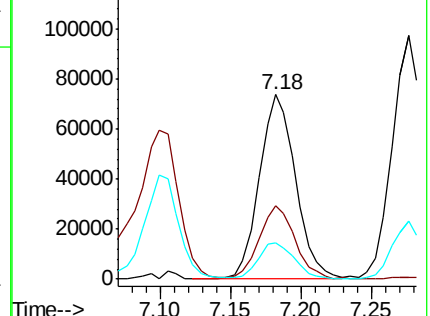
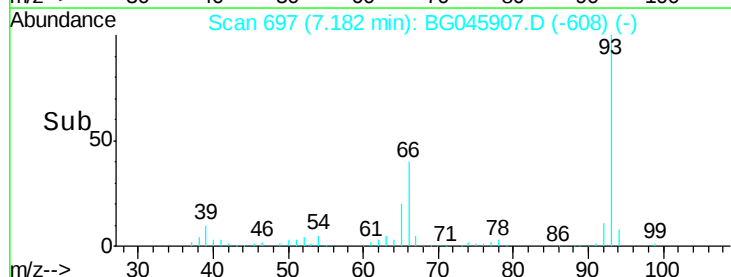
65 19.7 15.4 23.0

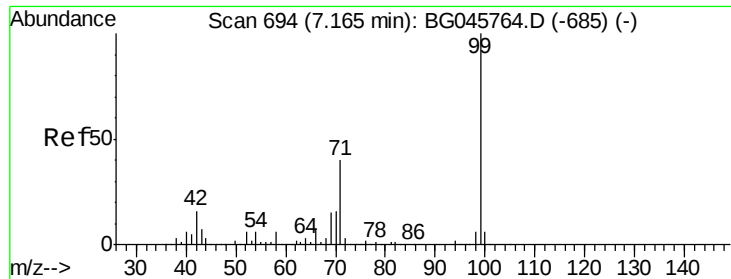


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.669 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG045907.D

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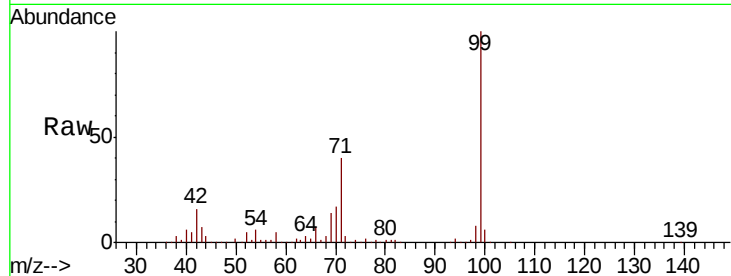
Tot Ion: 99 Resp: 586454

Ion Ratio Lower Upper

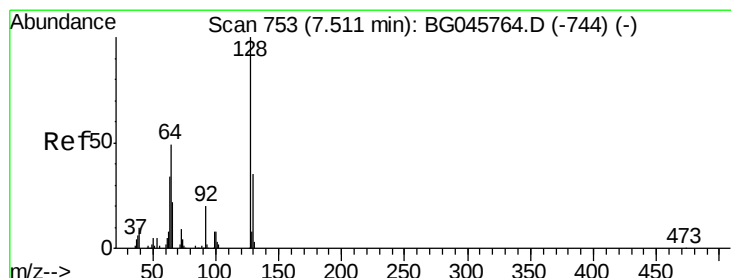
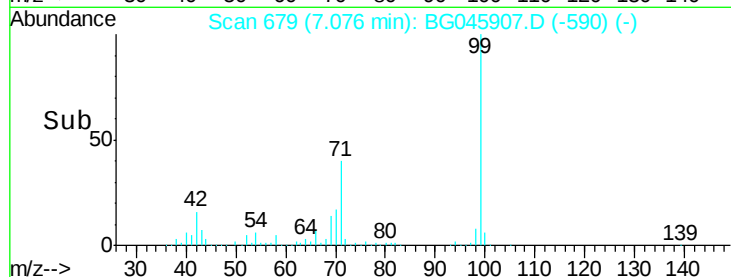
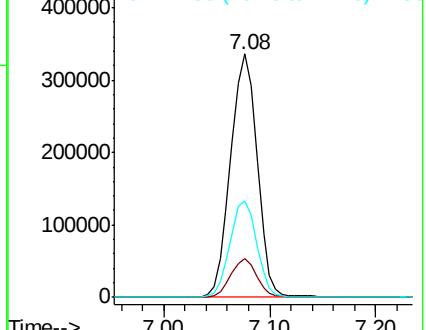
99 100

42 15.8 12.0 18.0

71 39.8 32.1 48.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.973 ng

RT: 7.43 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

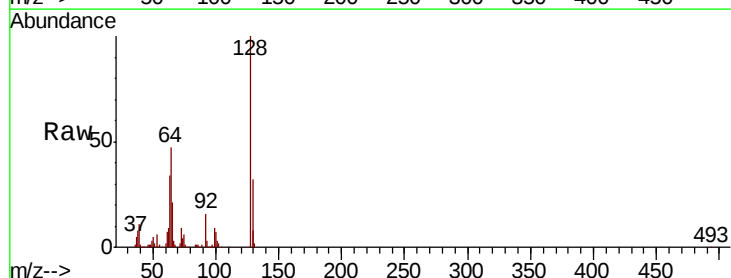
Tgt Ion:128 Resp: 165424

Ion Ratio Lower Upper

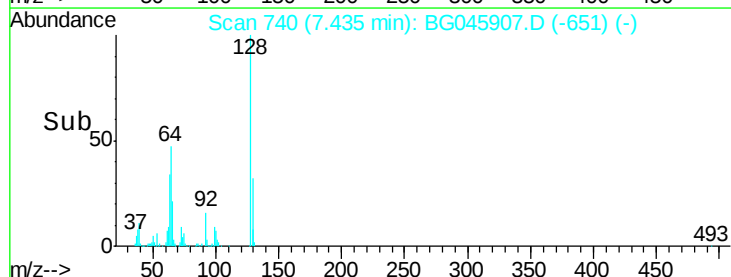
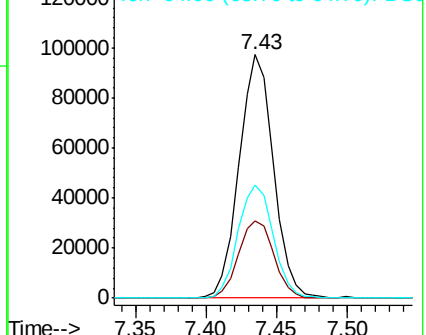
128 100

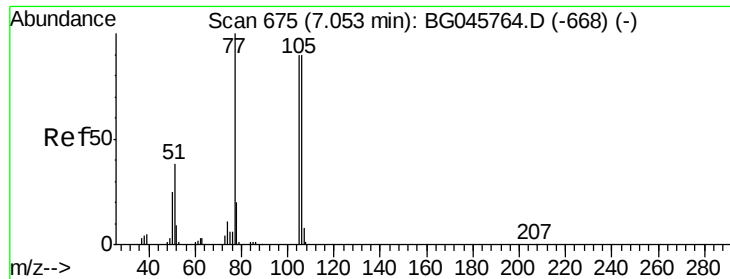
130 31.5 13.6 53.6

64 46.6 30.3 70.3



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





#9

Benzaldehyde

Concen: 25.947 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.01 min

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ClientSampled :

SP2-FMSD

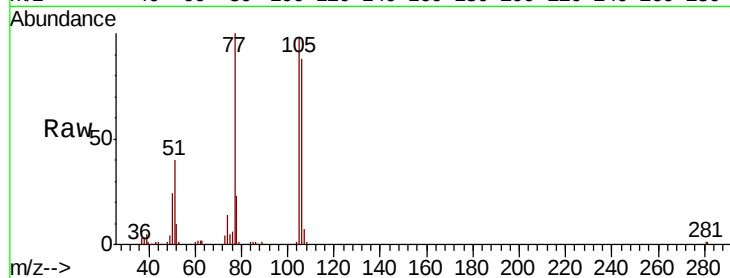
Tot Ion: 77 Resp: 73310

Ion Ratio Lower Upper

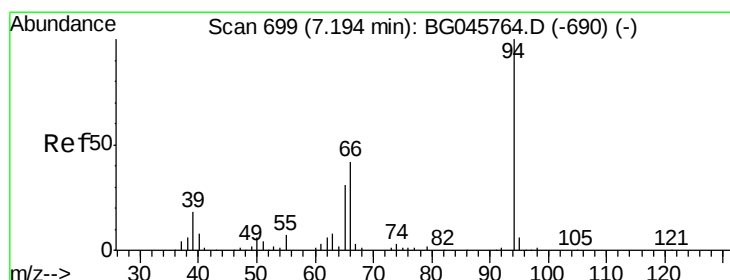
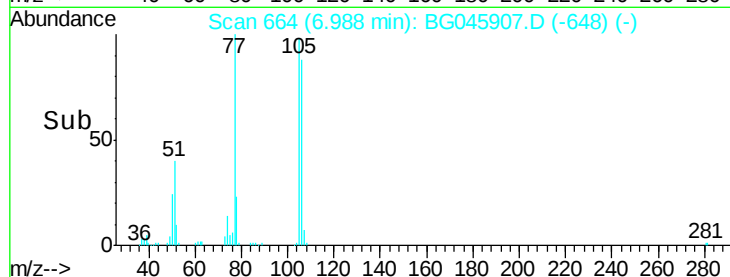
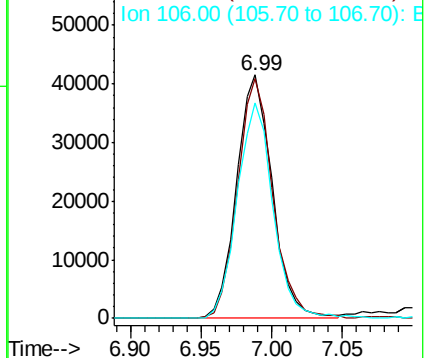
77 100

105 98.4 72.8 112.8

106 88.3 67.2 107.2



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: 50.127 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

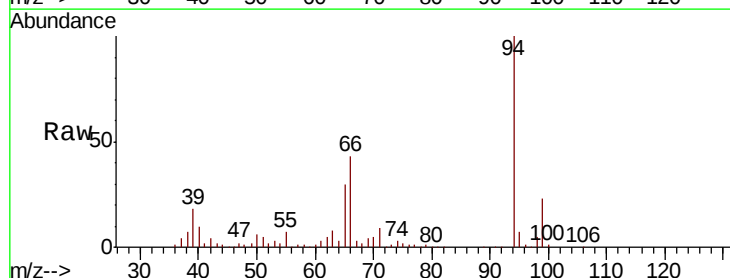
Tgt Ion: 94 Resp: 228477

Ion Ratio Lower Upper

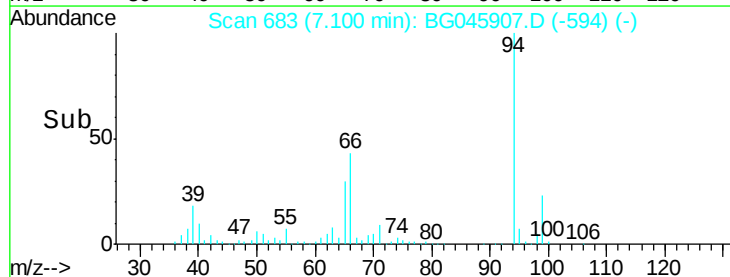
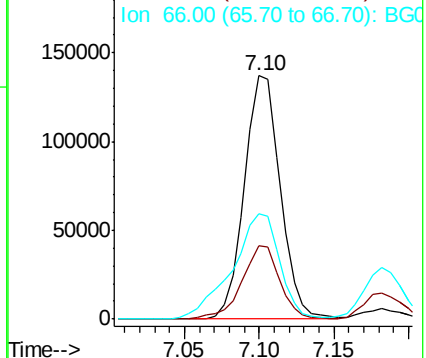
94 100

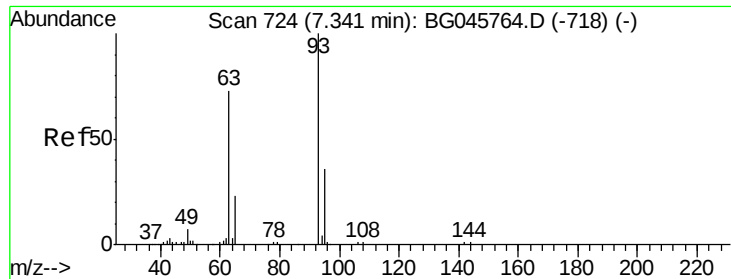
65 30.3 11.4 51.4

66 43.3 24.6 64.6



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

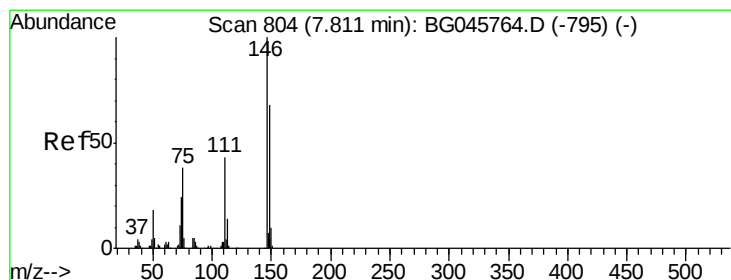
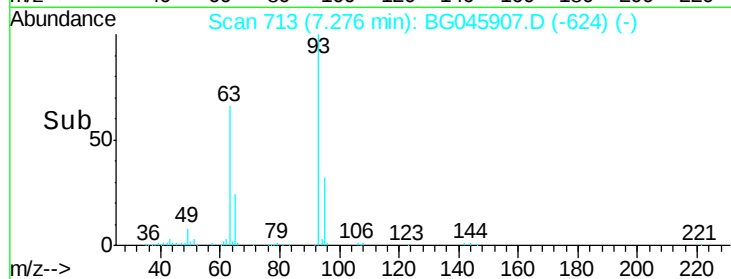
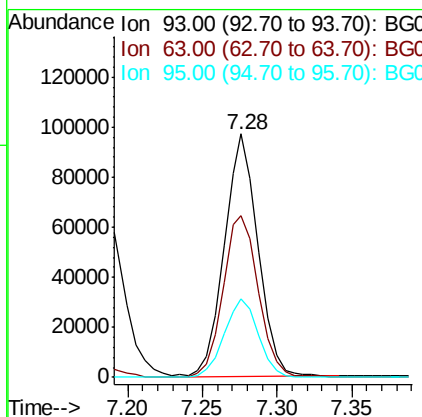
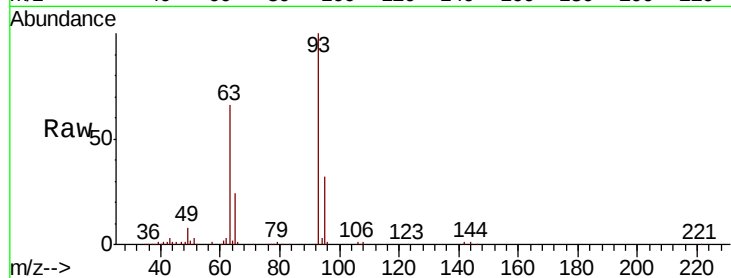




#11
 bis(2-Chloroethyl)ether
 Concen: 44.073 ng
 RT: 7.28 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

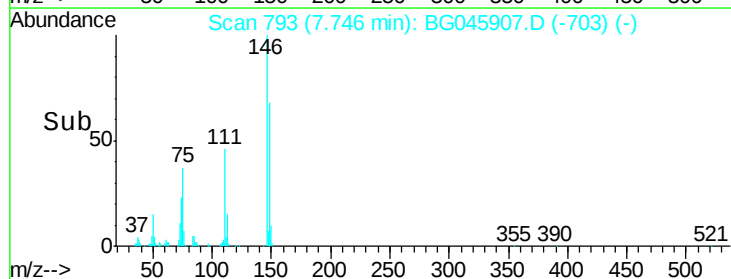
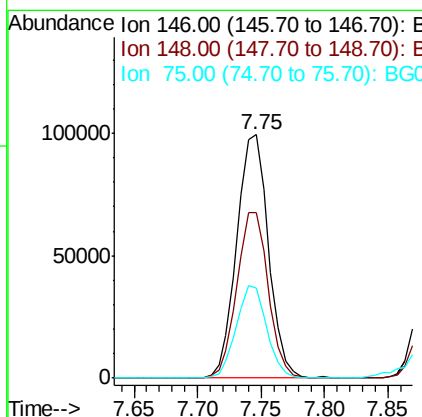
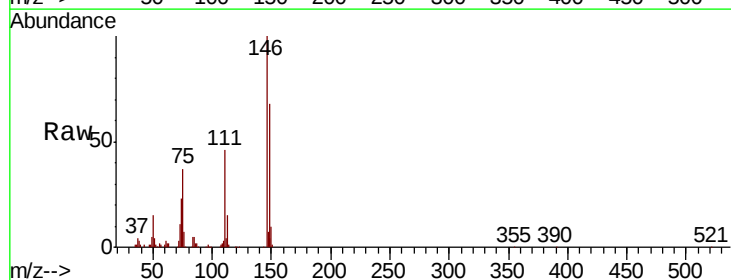
Instrument :
 BNA_G
 ClientSampleId :
 SP2-FMSD

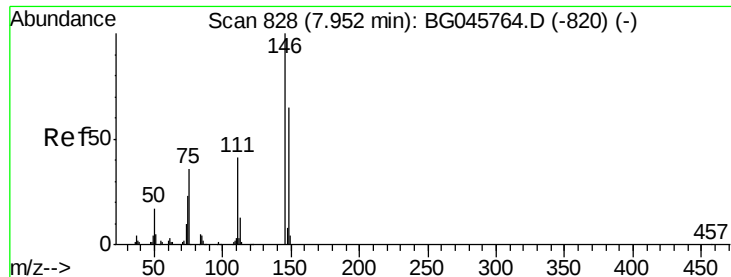
Tot Ion: 93 Resp: 152583
 Ion Ratio Lower Upper
 93 100
 63 66.2 50.7 90.7
 95 32.4 12.9 52.9



#12
 1,3-Dichlorobenzene
 Concen: 43.660 ng
 RT: 7.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

Tgt Ion: 146 Resp: 172231
 Ion Ratio Lower Upper
 146 100
 148 68.1 51.0 76.6
 75 36.8 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 44.587 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSD

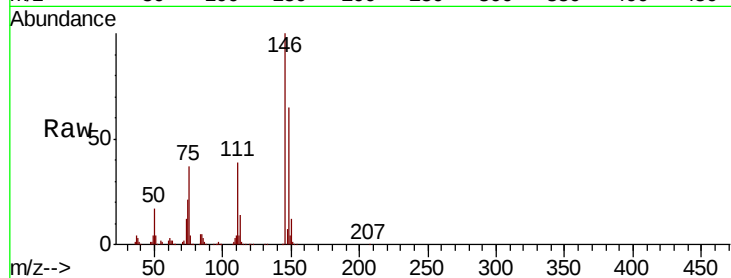
Tot Ion:146 Resp: 175688

Ion Ratio Lower Upper

146 100

148 64.6 53.0 79.4

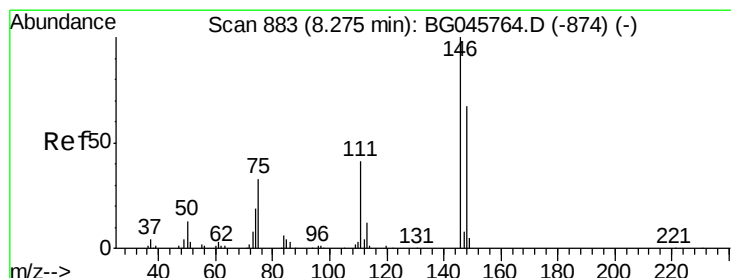
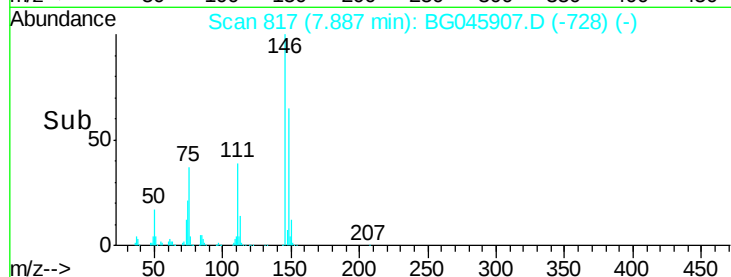
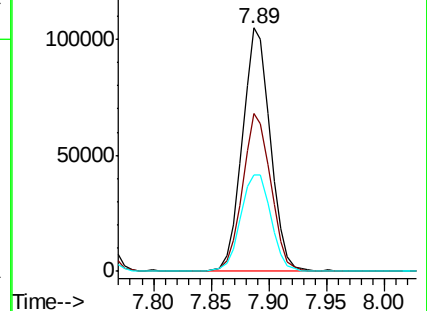
111 39.4 35.3 52.9



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: 43.429 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

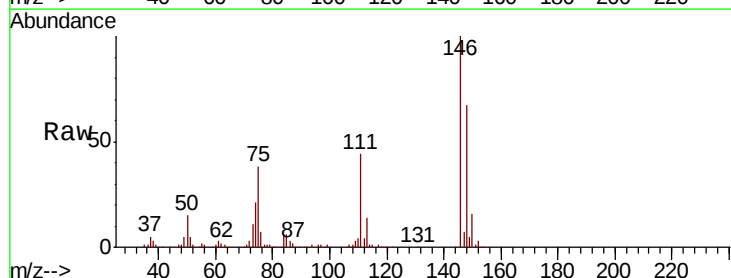
Tgt Ion:146 Resp: 163826

Ion Ratio Lower Upper

146 100

148 66.5 54.5 81.7

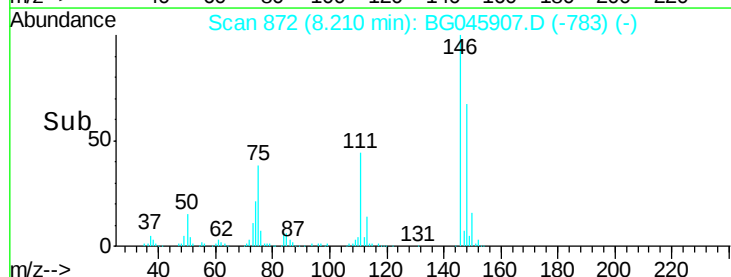
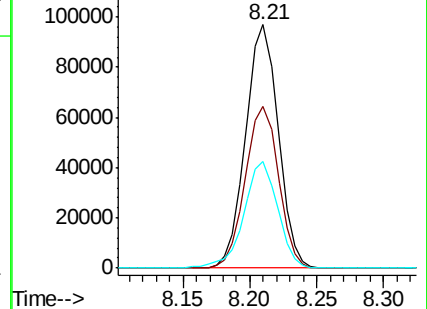
111 44.0 35.3 52.9

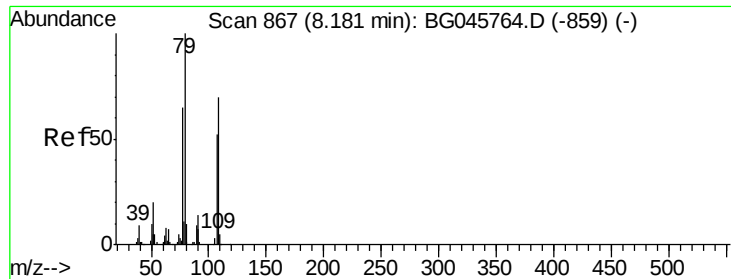


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

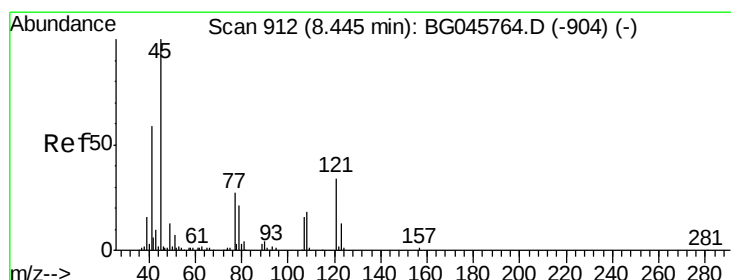
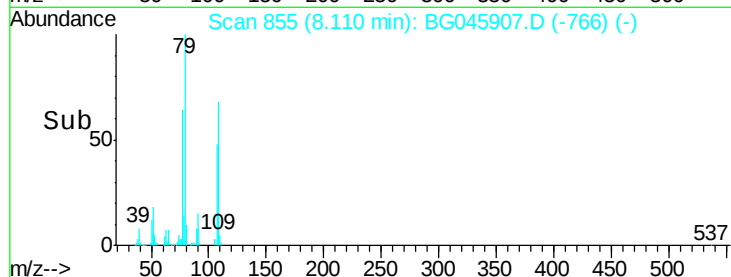
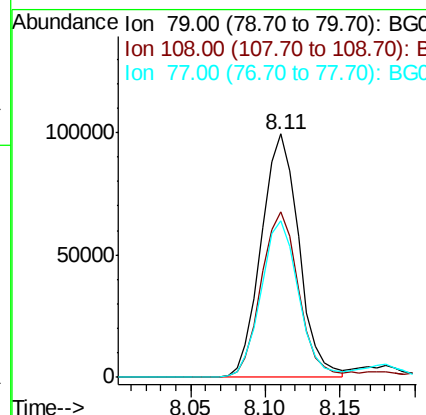
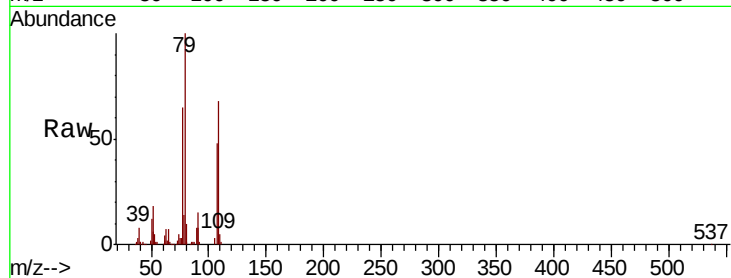




#15
Benzyl Alcohol
Concen: 47.756 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

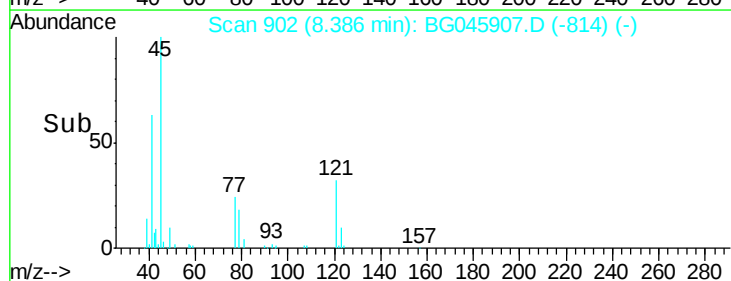
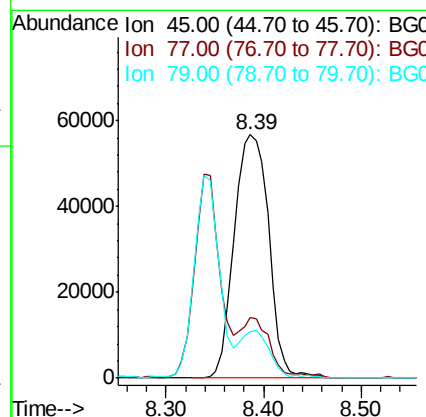
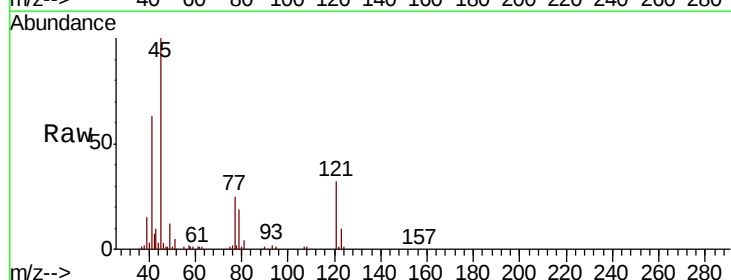
Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

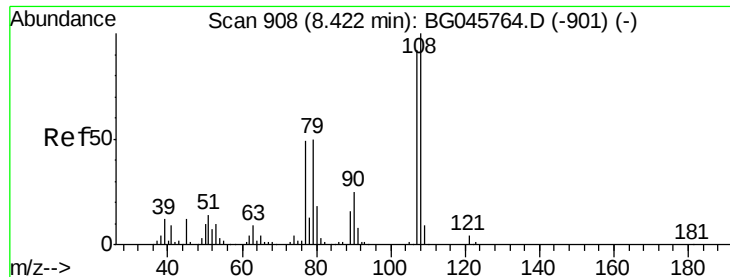
Tot Ion: 79 Resp: 173847
Ion Ratio Lower Upper
79 100
108 68.1 55.5 83.3
77 64.6 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.928 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 45 Resp: 140069
Ion Ratio Lower Upper
45 100
77 25.1 3.7 43.7
79 19.2 0.0 39.1





#17

2-Methylphenol

Concen: 45.406 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSD

Tot Ion:107 Resp: 154020

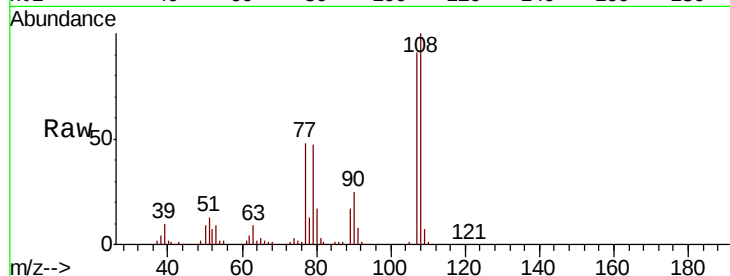
Ion Ratio Lower Upper

107 100

108 109.4 85.0 127.6

77 52.9 45.2 67.8

79 51.5 44.2 66.4

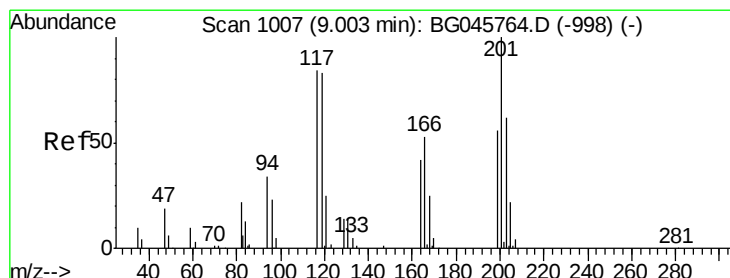
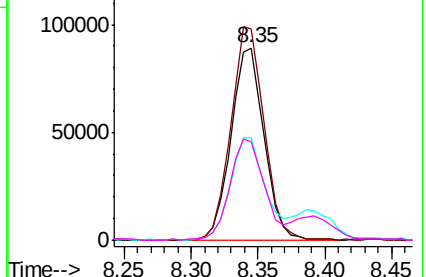
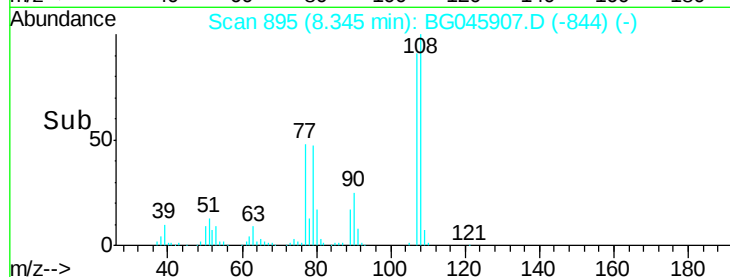


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.913 ng

RT: 8.94 min Scan# 996

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

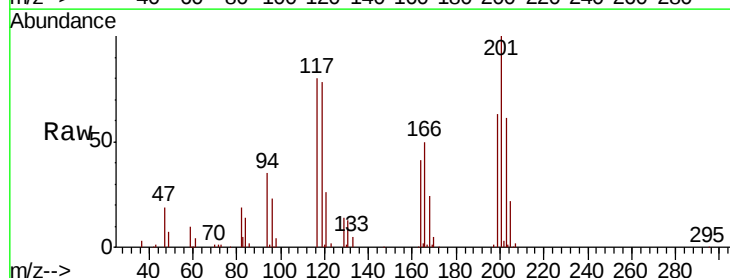
Tgt Ion:117 Resp: 67213

Ion Ratio Lower Upper

117 100

119 96.7 76.7 115.1

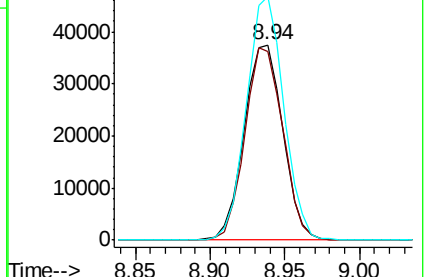
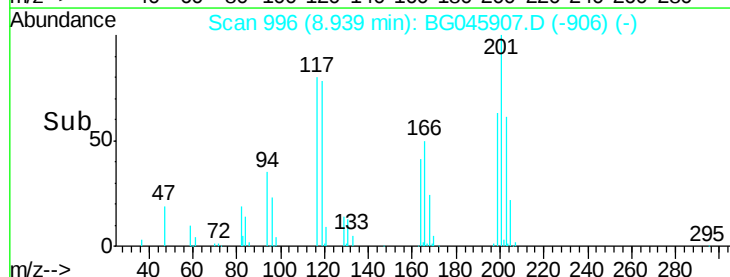
201 124.6 87.9 131.9

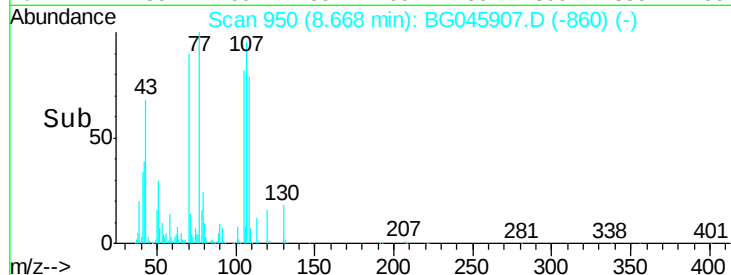
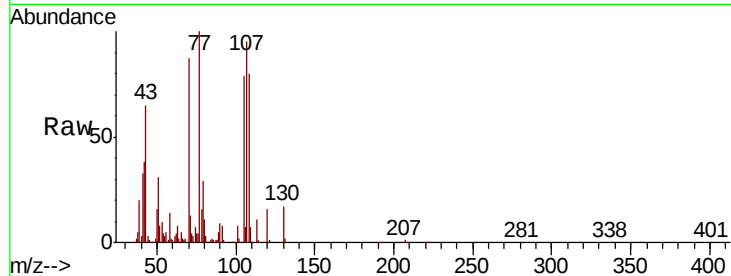
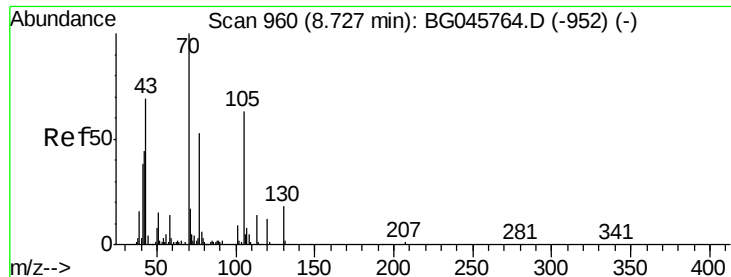


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

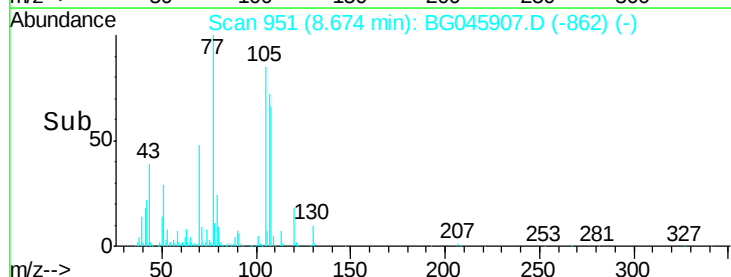
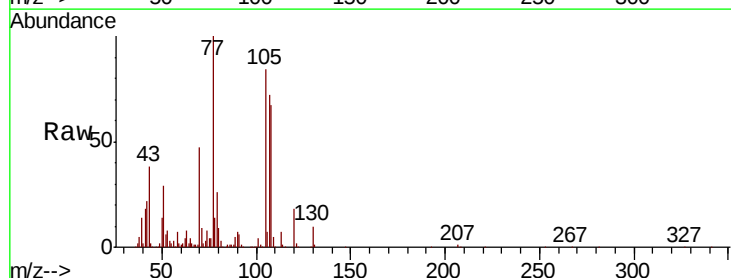
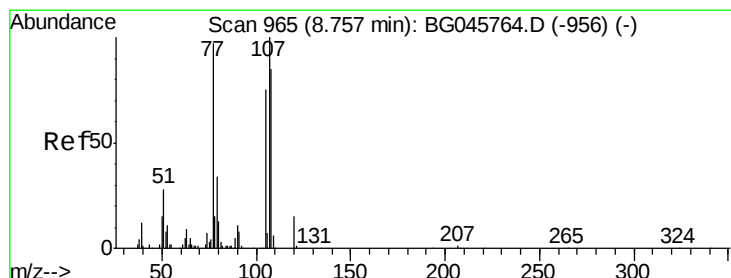
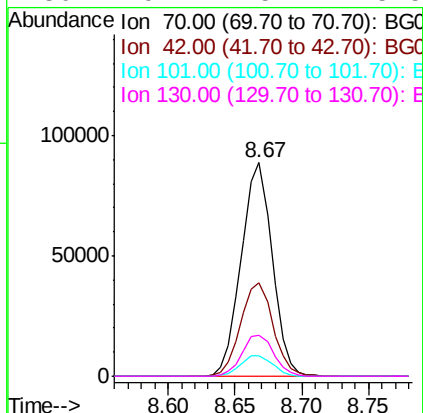




#19
n-Nitroso-di-n-propylamine
Concen: 46.150 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

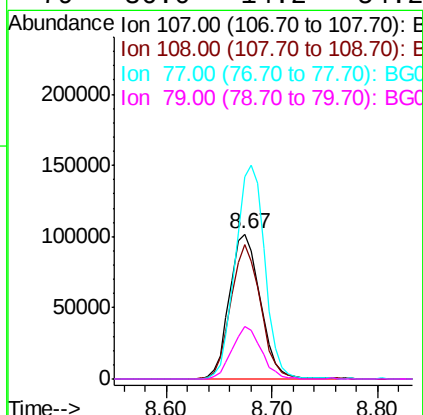
Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

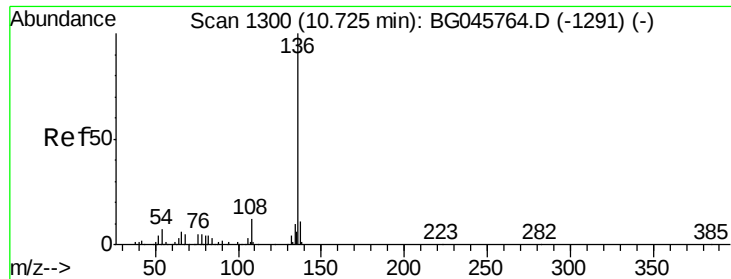
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.5	35.5	53.3
101	9.3	6.7	10.1
130	19.4	15.7	23.5



#20
3+4-Methylphenols
Concen: 46.182 ng
RT: 8.67 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	70.5	110.5
77	139.2	125.0	165.0
79	36.0	14.2	54.2

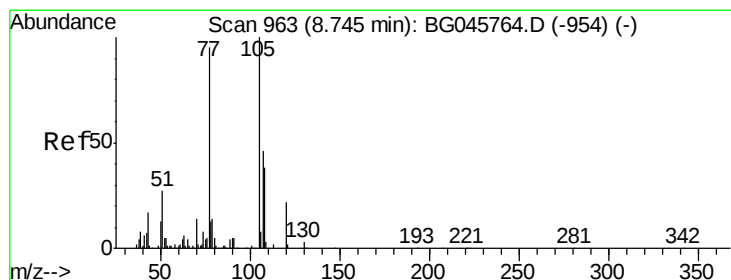
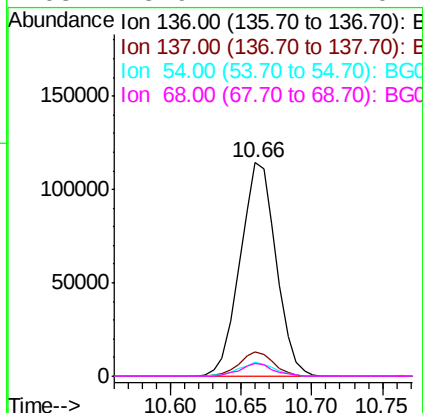
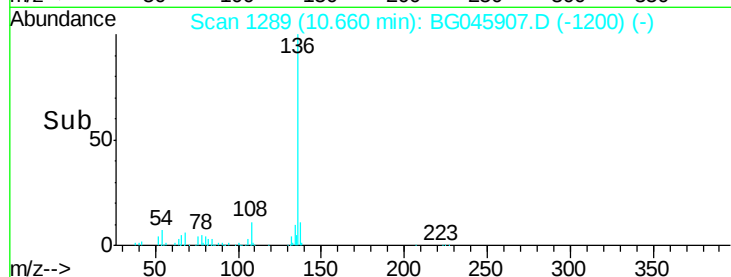
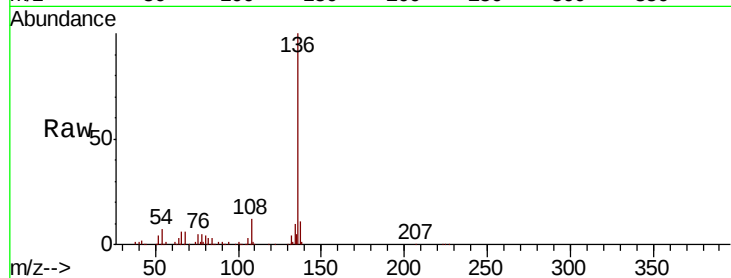




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

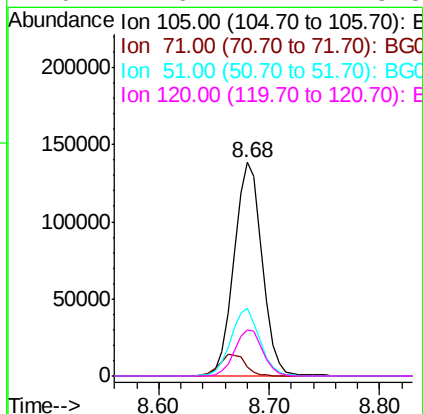
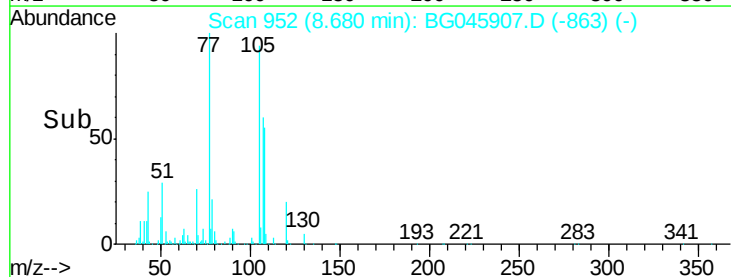
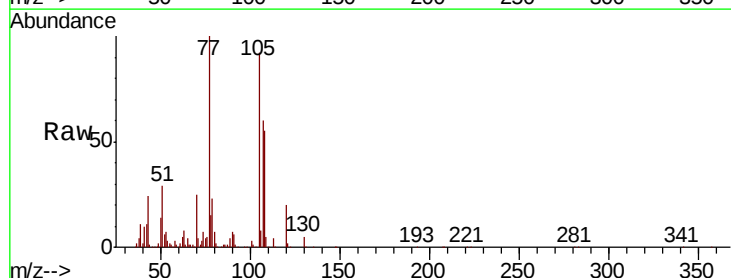
Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

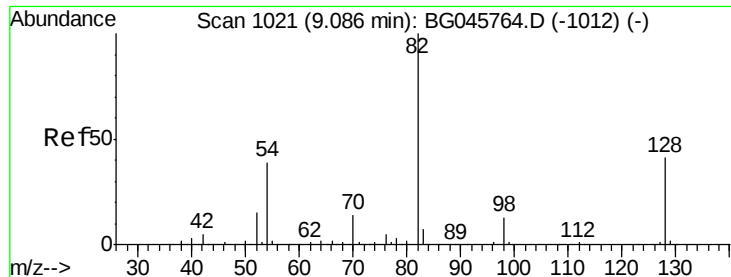
Tot Ion:136	Resp:	203566
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.6 12.8
54	6.7	4.5 6.7#
68	5.9	4.2 6.2



#22
Acetophenone
Concen: 44.337 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion:105	Resp:	247725
Ion Ratio	Lower	Upper
105	100	
71	4.4	2.6 4.0#
51	31.9	24.2 36.2
120	21.6	17.2 25.8

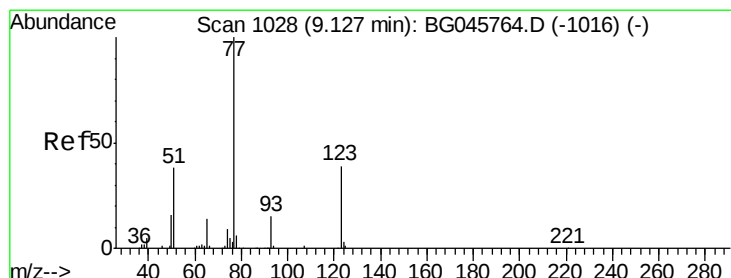
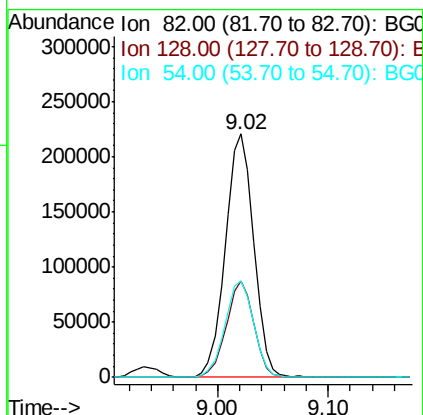
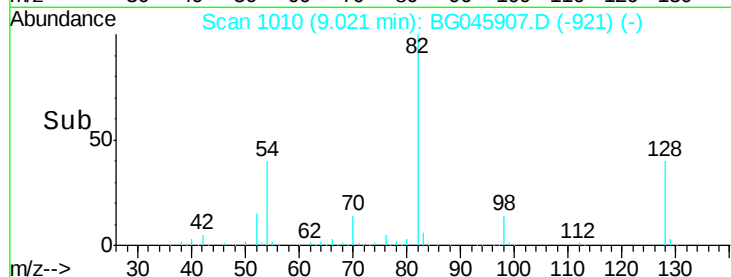
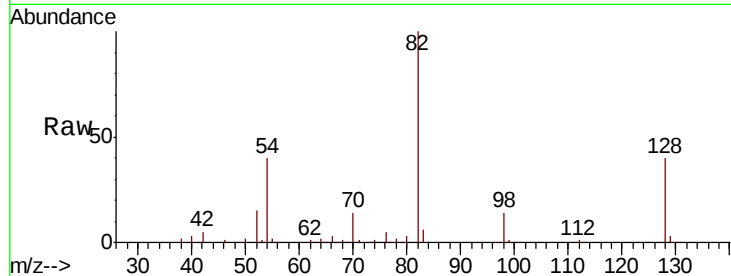




#23
Nitrobenzene-d5
Concen: 89.179 ng
RT: 9.02 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

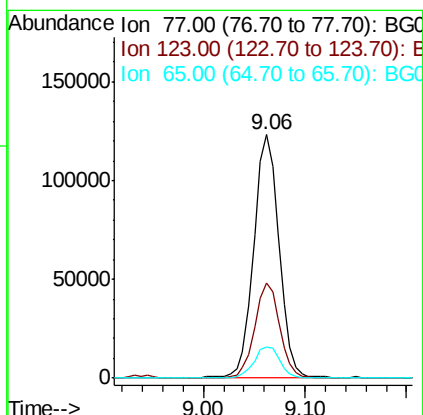
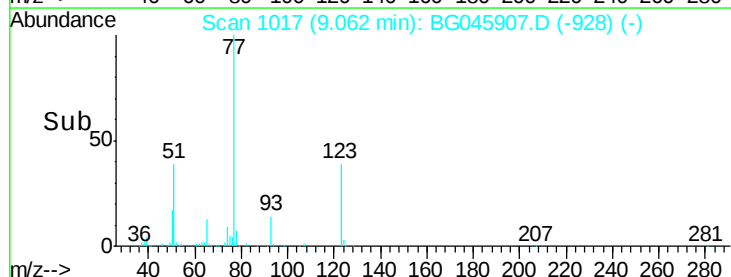
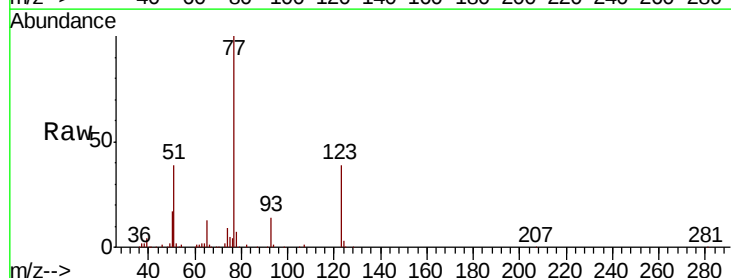
Instrument :
BNA_G
ClientSampled :
SP2-FMSD

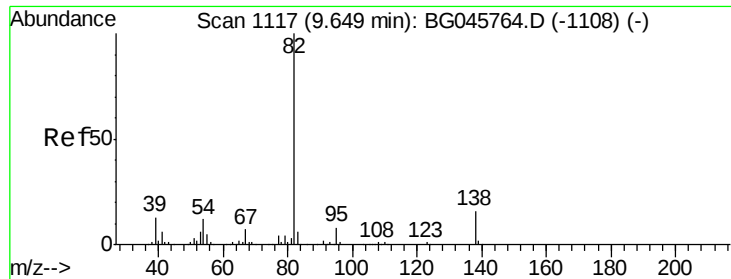
Tot Ion: 82 Resp: 397384
Ion Ratio Lower Upper
82 100
128 39.6 31.0 46.6
54 39.6 32.8 49.2



#24
Nitrobenzene
Concen: 45.291 ng
RT: 9.06 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 77 Resp: 215184
Ion Ratio Lower Upper
77 100
123 38.9 31.9 47.9
65 13.0 10.2 15.4





#25

Isophorone

Concen: 44.851 ng

RT: 9.58 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSD

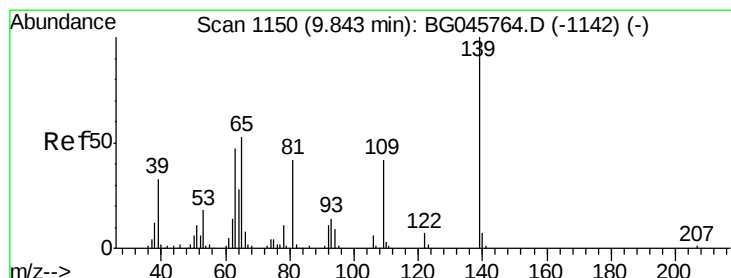
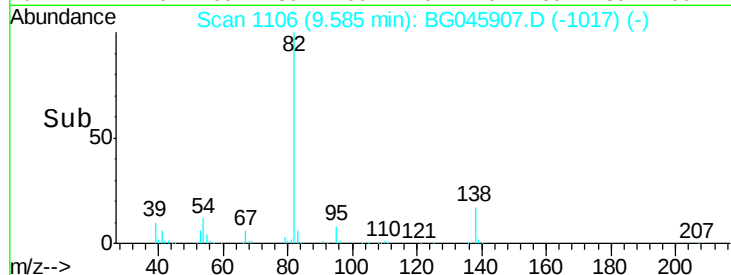
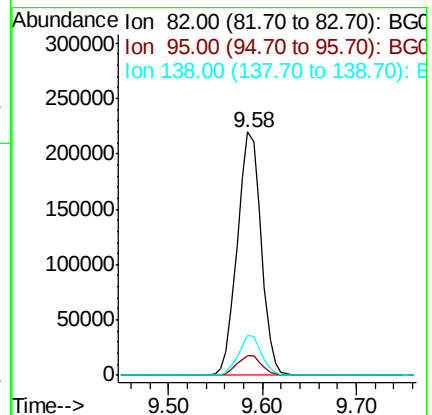
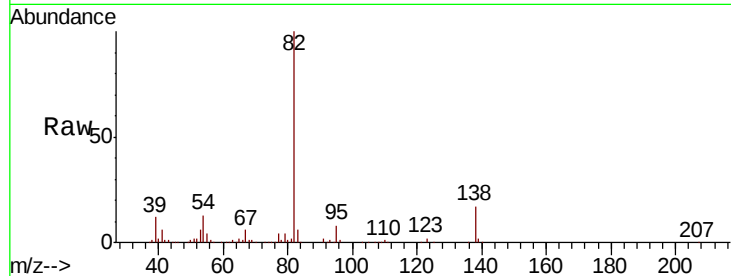
Tot Ion: 82 Resp: 386901

Ion Ratio Lower Upper

82 100

95 8.3 6.4 9.6

138 16.6 12.3 18.5



#26

2-Nitrophenol

Concen: 49.568 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

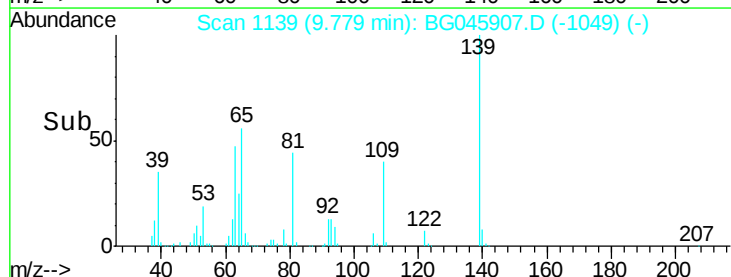
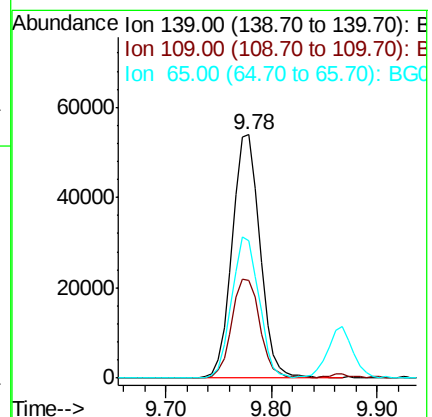
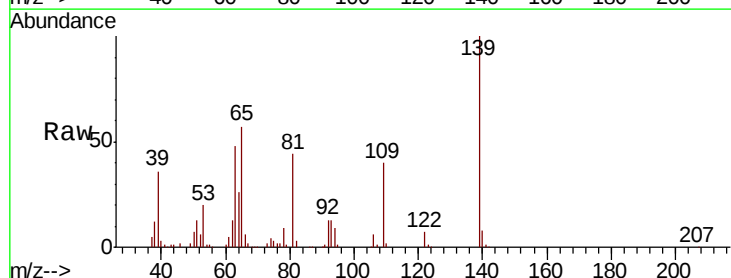
Tgt Ion: 139 Resp: 98115

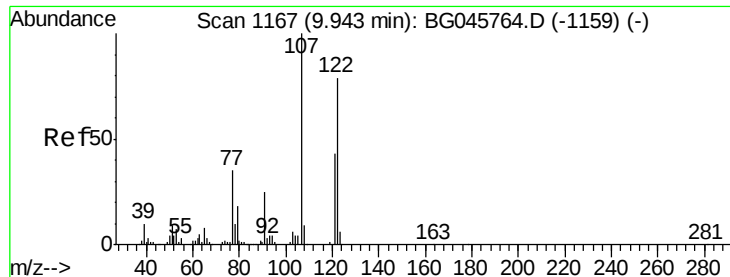
Ion Ratio Lower Upper

139 100

109 40.1 34.4 51.6

65 56.7 48.9 73.3

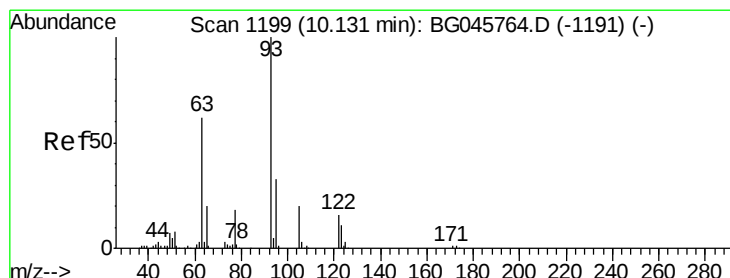
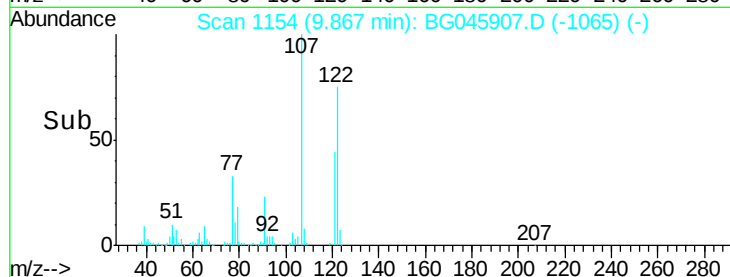
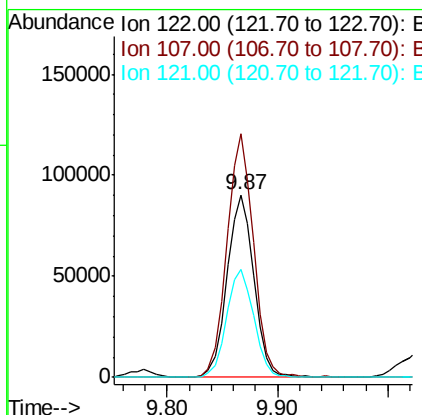
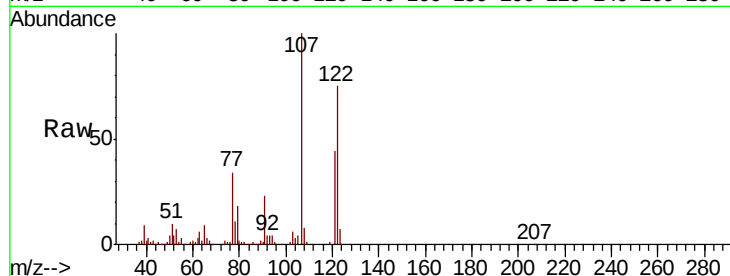




#27
 2,4-Dimethylphenol
 Concen: 50.989 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

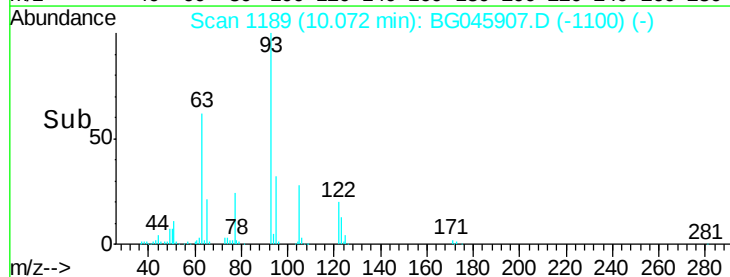
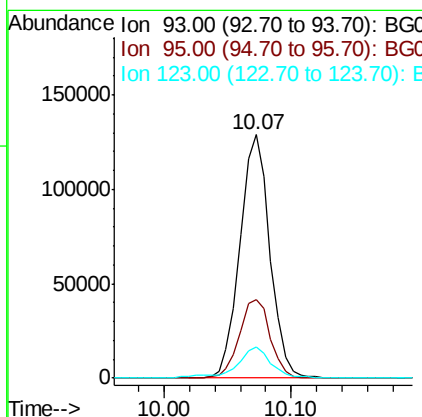
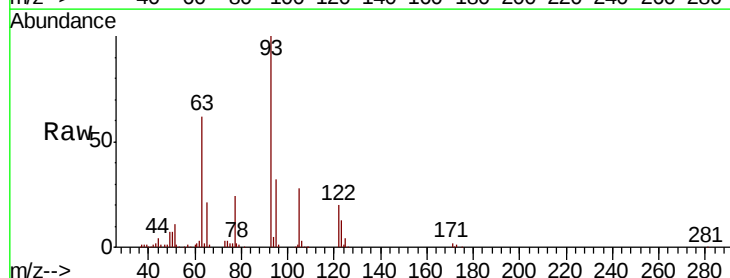
Instrument :
 BNA_G
 ClientSampleId :
 SP2-FMSD

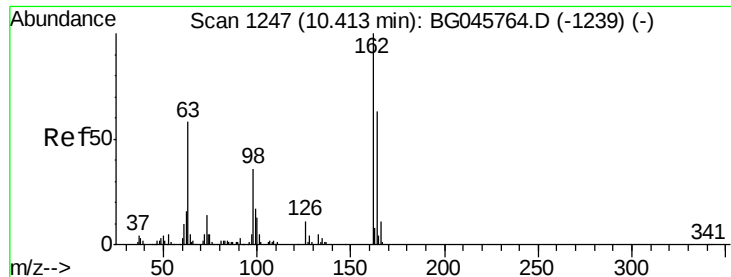
Tot Ion	Ratio	Lower	Upper
122	100		
107	133.5	102.7	154.1
121	59.2	45.8	68.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.752 ng
 RT: 10.07 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	28.2	42.2
123	12.6	8.2	12.4

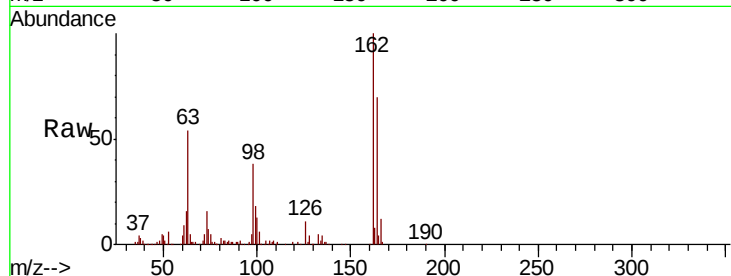




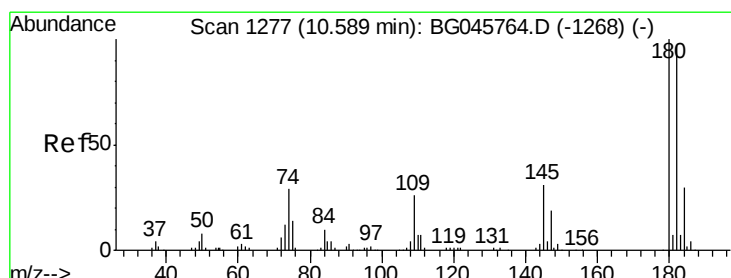
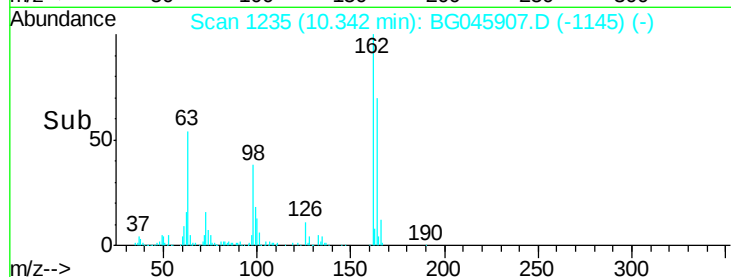
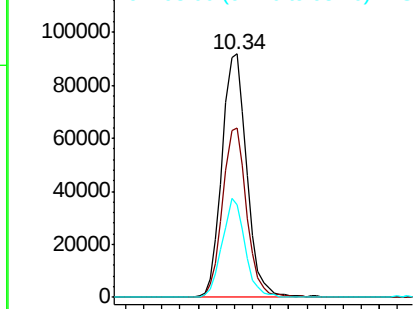
#29
 2,4-Dichlorophenol
 Concen: 49.555 ng
 RT: 10.34 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

Instrument :
 BNA_G
 ClientSampleId :
 SP2-FMSD

Tot Ion:162 Resp: 174724
 Ion Ratio Lower Upper
 162 100
 164 69.6 47.1 87.1
 98 38.0 18.4 58.4

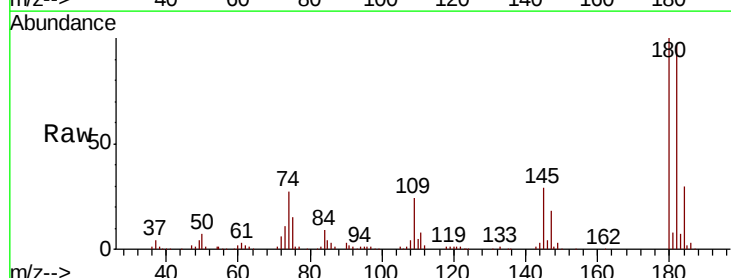


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

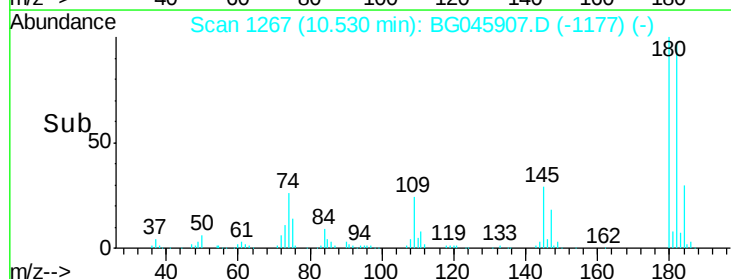
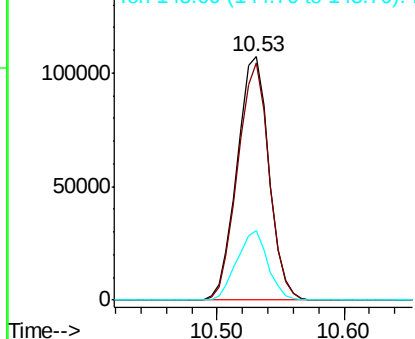


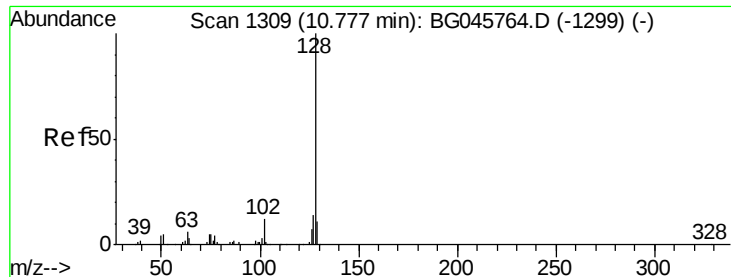
#30
 1,2,4-Trichlorobenzene
 Concen: 44.893 ng
 RT: 10.53 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

Tgt Ion:180 Resp: 187386
 Ion Ratio Lower Upper
 180 100
 182 97.4 73.9 110.9
 145 28.7 21.8 32.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

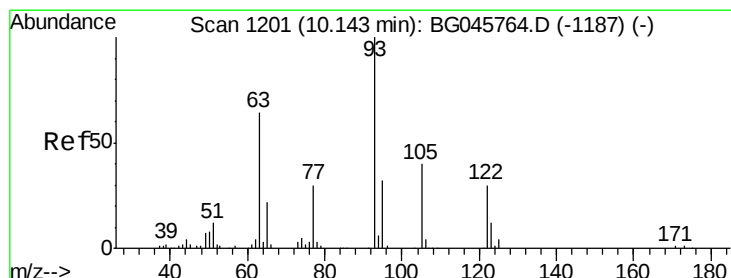
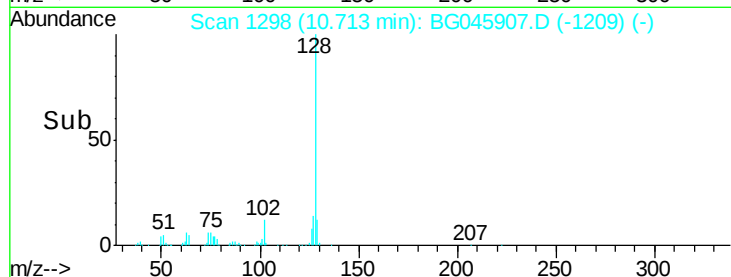
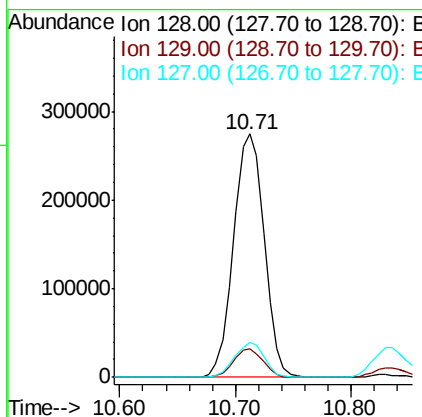
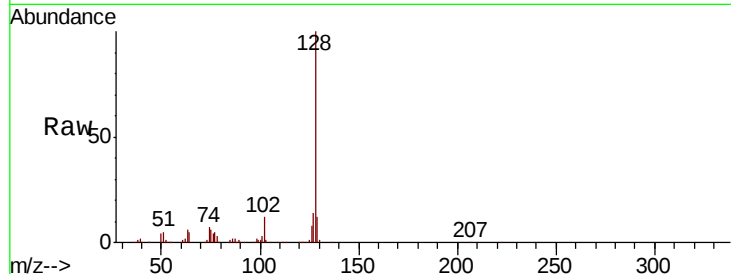




#31
Naphthalene
Concen: 45.335 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

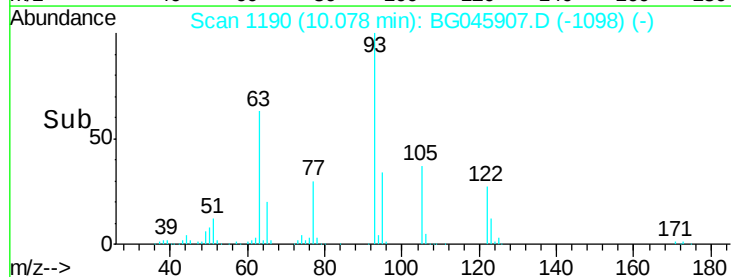
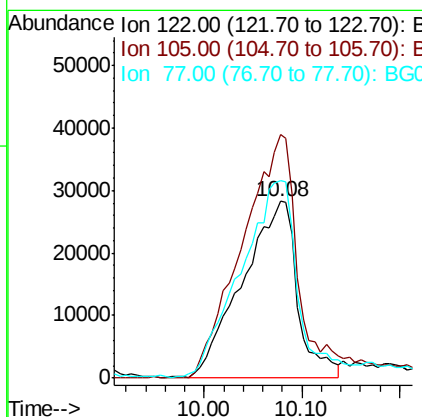
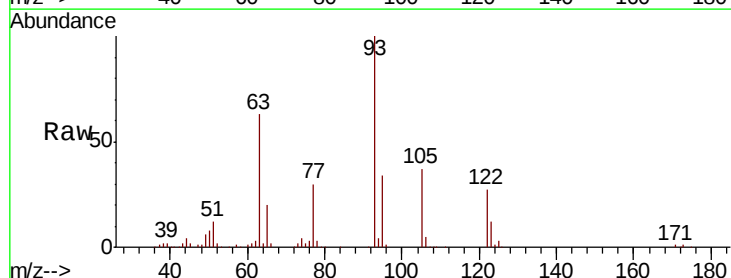
Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

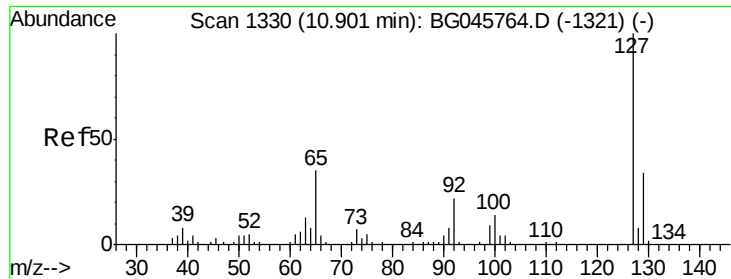
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	14.2	10.6	16.0



#32
Benzoic acid
Concen: 55.223 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.7	120.5	160.5
77	112.0	92.8	132.8

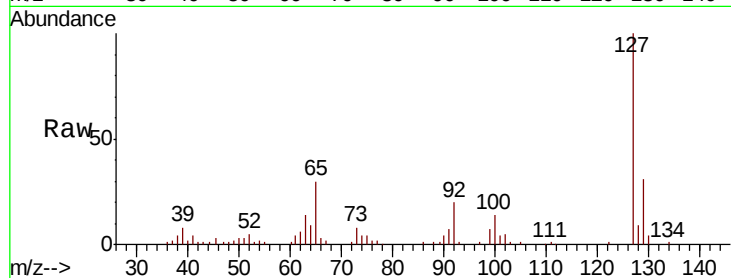




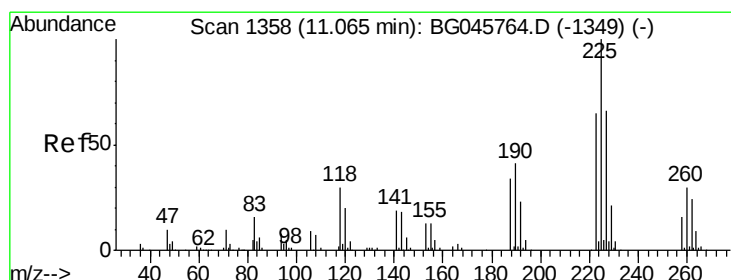
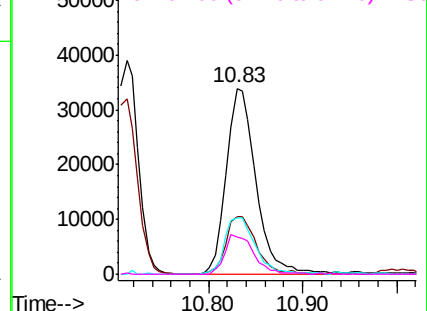
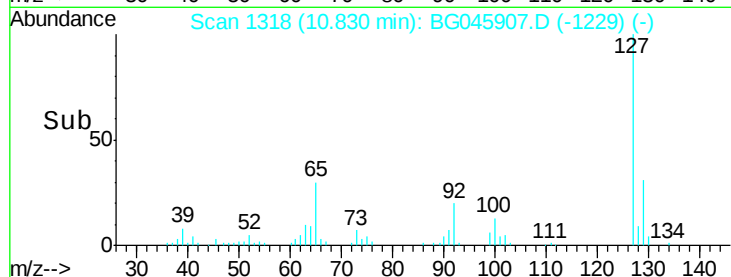
#33
4-Chloroaniline
Concen: 16.065 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

Tot Ion:127 Resp: 74872
Ion Ratio Lower Upper
127 100
129 31.3 25.5 38.3
65 30.3 26.3 39.5
92 20.1 16.8 25.2

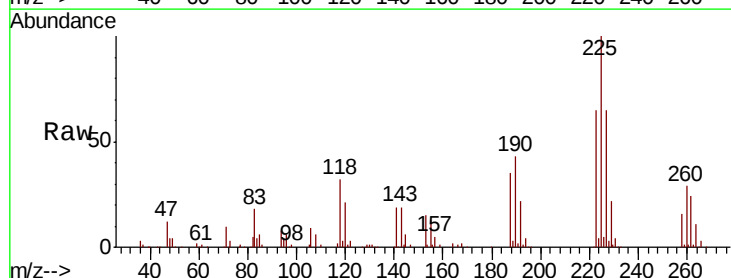


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

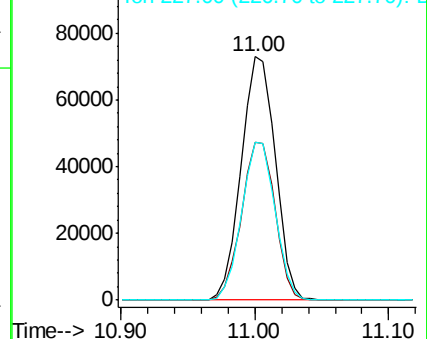
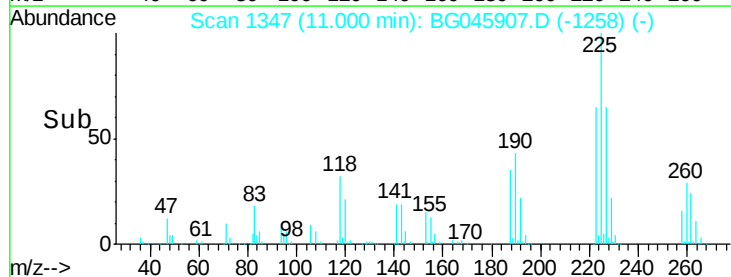


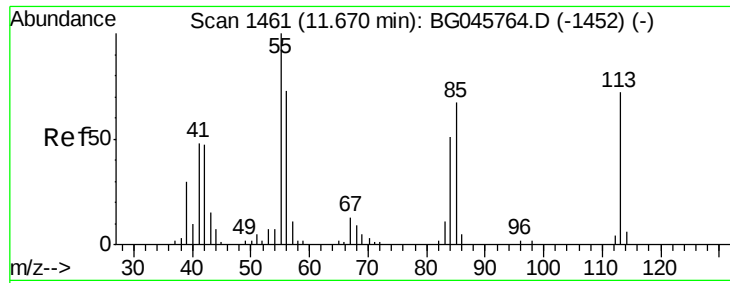
#34
Hexachlorobutadiene
Concen: 43.409 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion:225 Resp: 128861
Ion Ratio Lower Upper
225 100
223 65.0 51.4 77.0
227 64.7 51.3 76.9



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

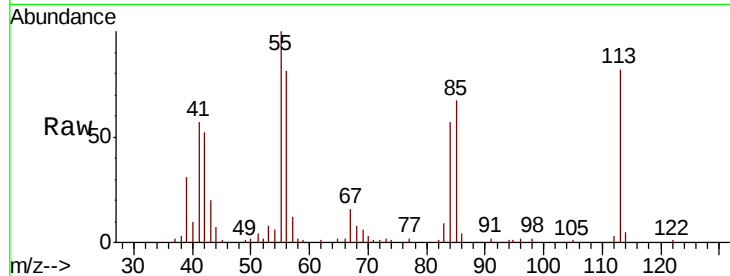




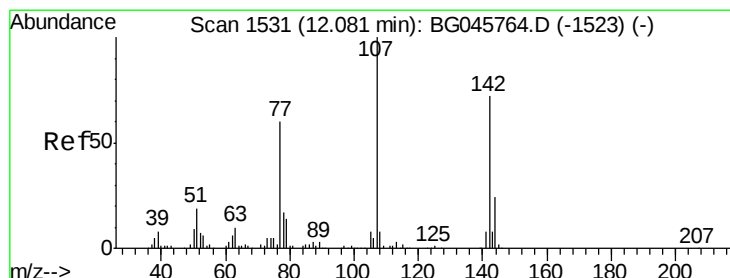
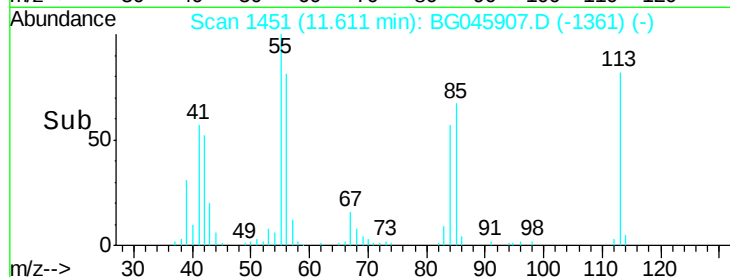
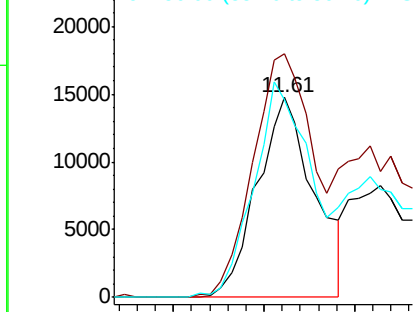
#35
 Caprolactam
 Concen: 28.222 ng
 RT: 11.61 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

Instrument :
 BNA_G
 ClientSampleId :
 SP2-FMSD

Tot Ion:113 Resp: 32201
 Ion Ratio Lower Upper
 113 100
 55 122.0 113.2 153.2
 56 99.3 84.2 124.2

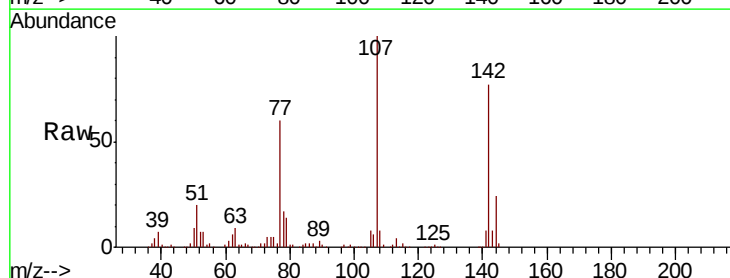


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

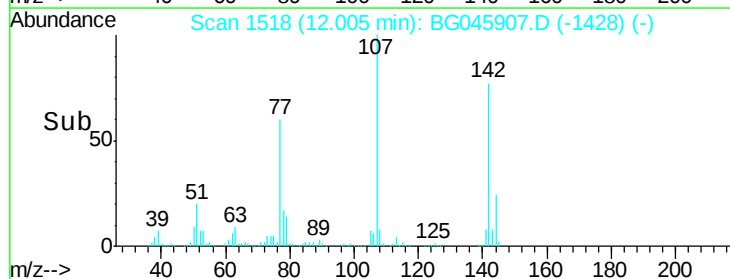
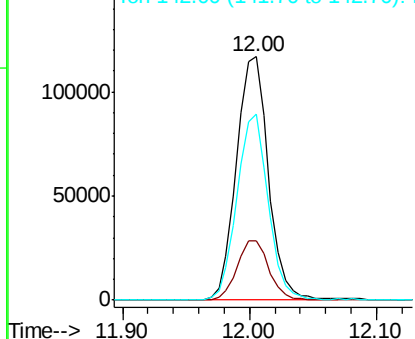


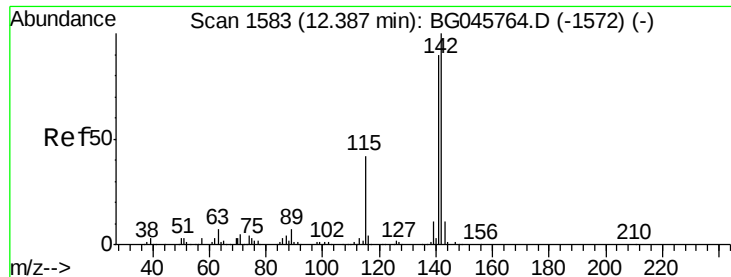
#36
 4-Chloro-3-methylphenol
 Concen: 50.316 ng
 RT: 12.00 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

Tgt Ion:107 Resp: 204835
 Ion Ratio Lower Upper
 107 100
 144 24.2 18.6 27.8
 142 76.5 58.2 87.4



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

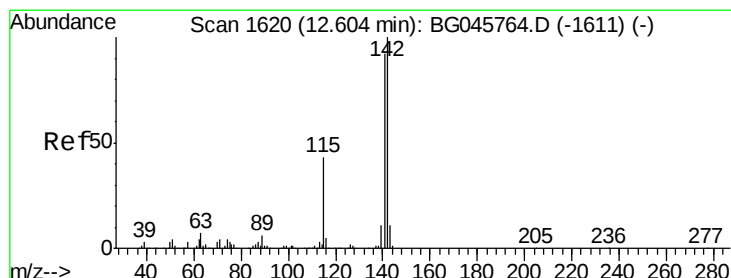
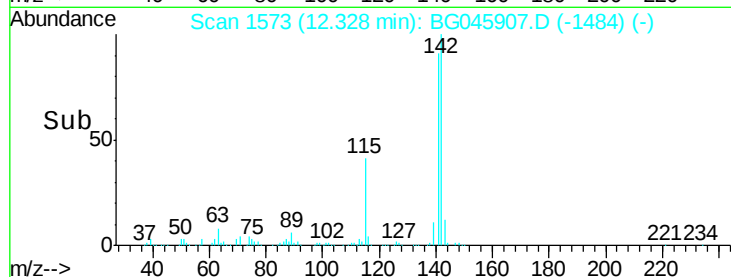
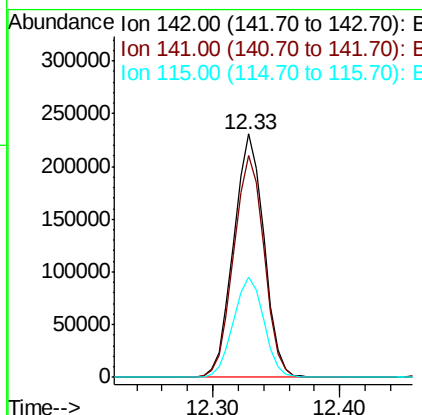
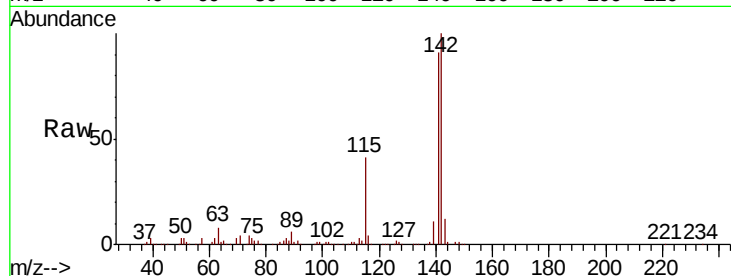




#37
2-Methylnaphthalene
Concen: 46.199 ng
RT: 12.33 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

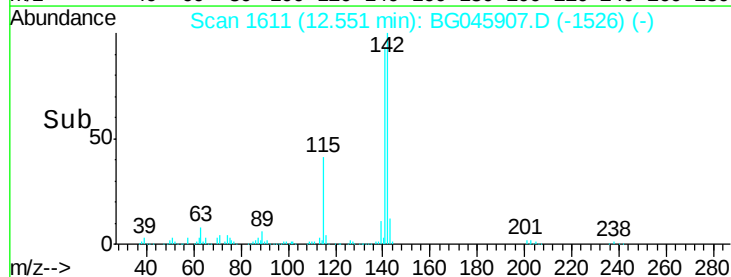
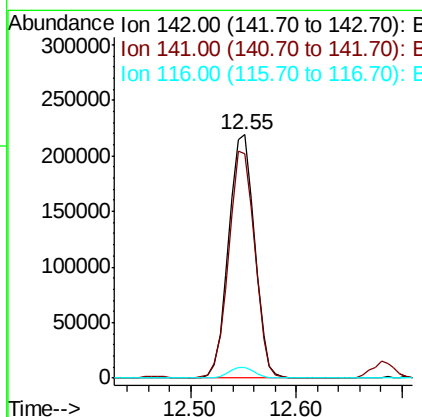
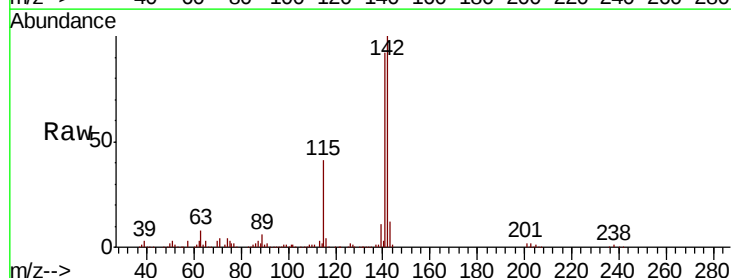
Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

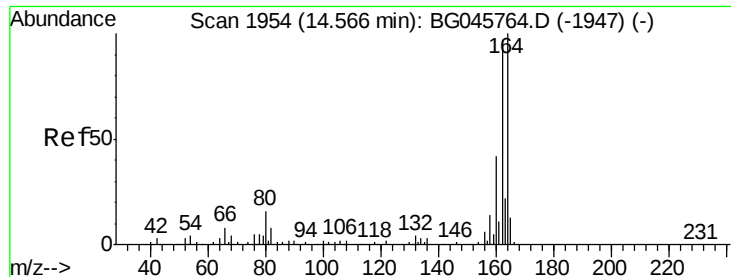
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	69.4	104.2
115	41.4	31.4	47.0



#38
1-Methylnaphthalene
Concen: 47.379 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.9	113.9
116	4.3	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSD

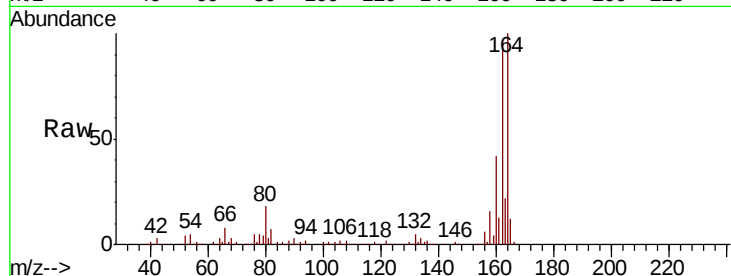
Tot Ion:164 Resp: 149981

Ion Ratio Lower Upper

164 100

162 96.5 76.3 114.5

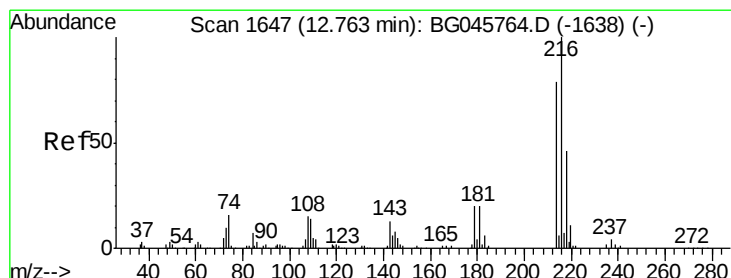
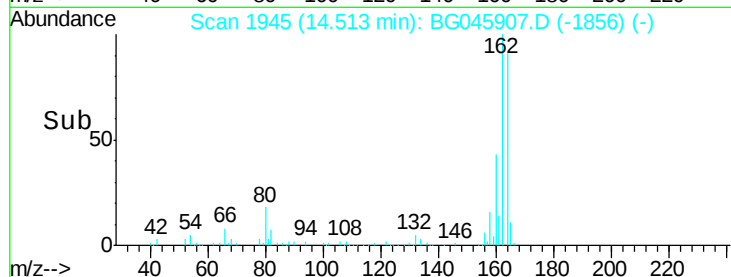
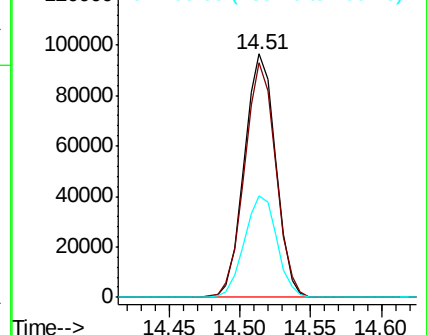
160 41.6 35.4 53.2



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: 44.763 ng

RT: 12.70 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Tgt Ion:216 Resp: 221062

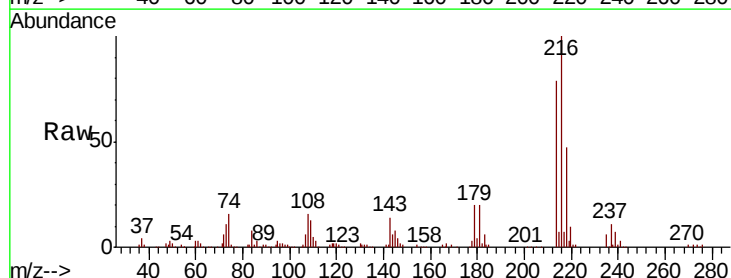
Ion Ratio Lower Upper

216 100

214 78.6 64.0 96.0

179 20.2 16.2 24.2

108 18.5 13.4 20.2

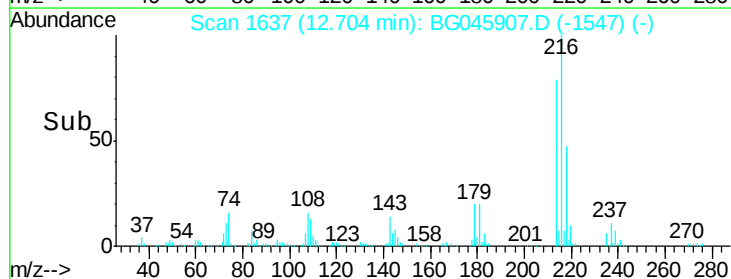
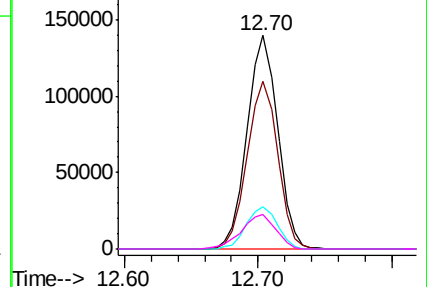


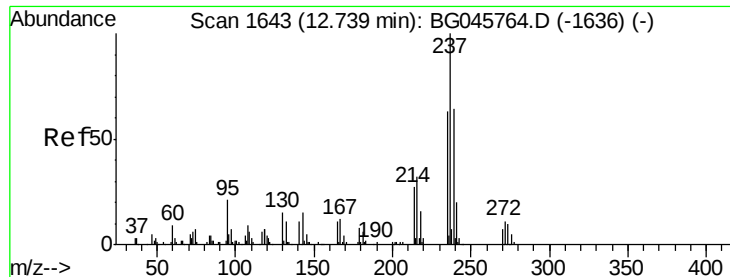
Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.358 ng

RT: 12.68 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSD

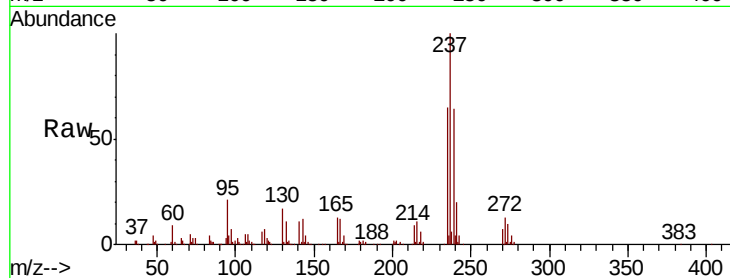
Tot Ion:237 Resp: 210176

Ion Ratio Lower Upper

237 100

235 64.5 39.8 79.8

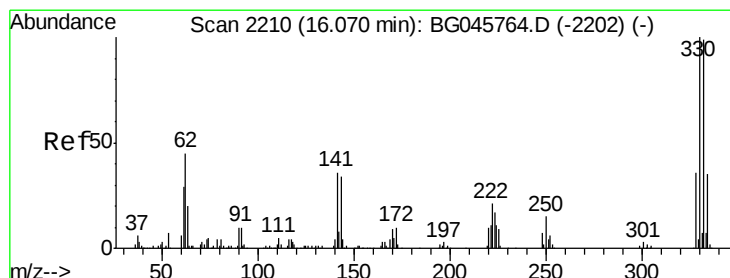
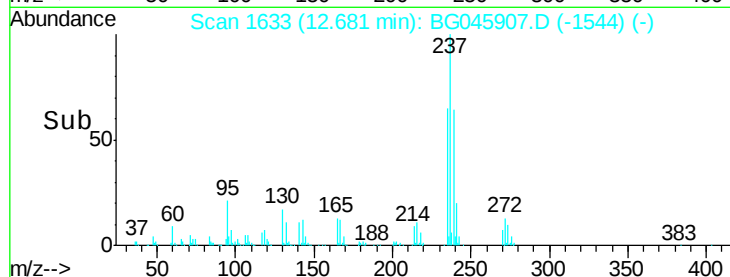
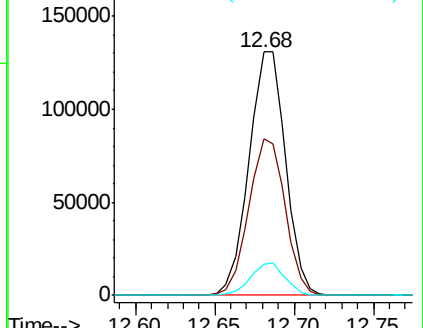
272 12.5 0.0 31.6



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: 127.723 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

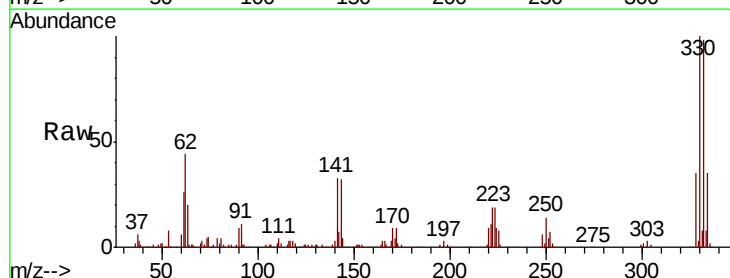
Tgt Ion:330 Resp: 289207

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.0

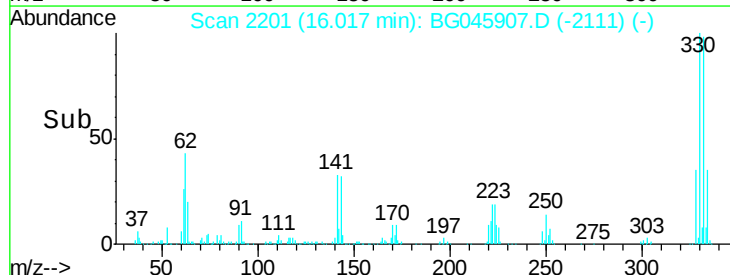
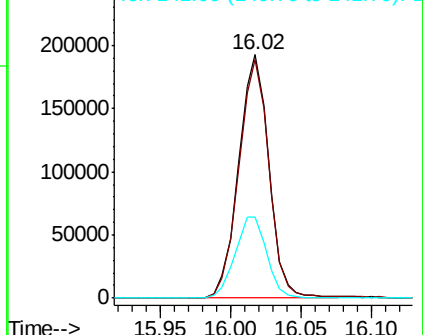
141 34.9 27.8 41.8

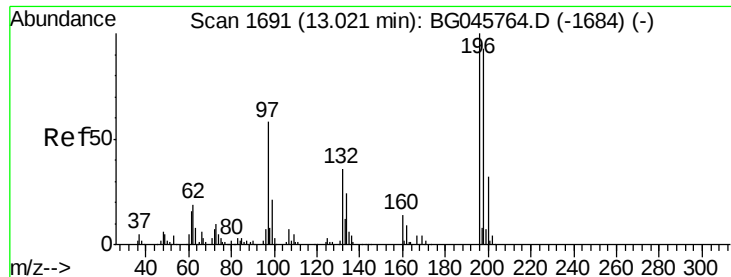


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

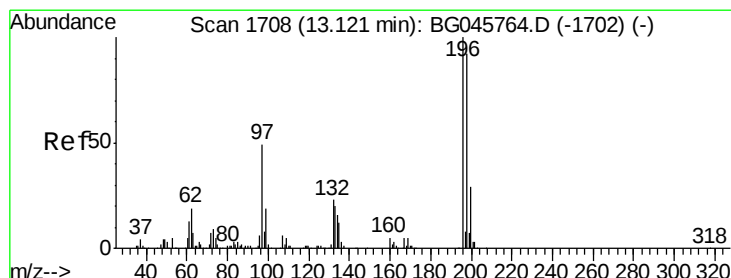
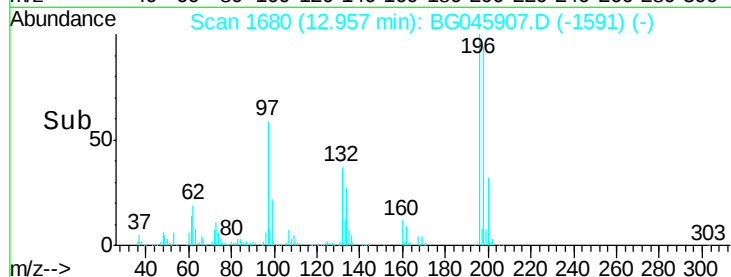
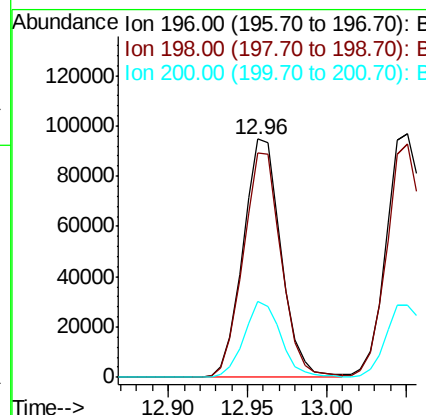
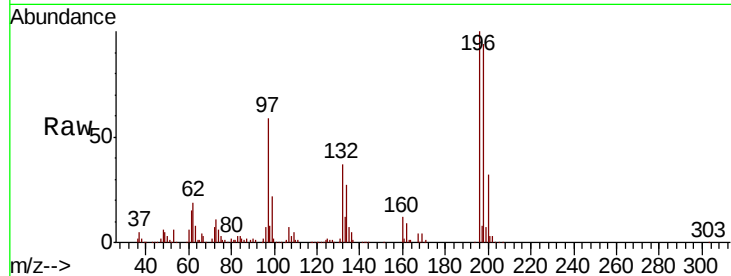




#43
 2,4,6-Trichlorophenol
 Concen: 47.069 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

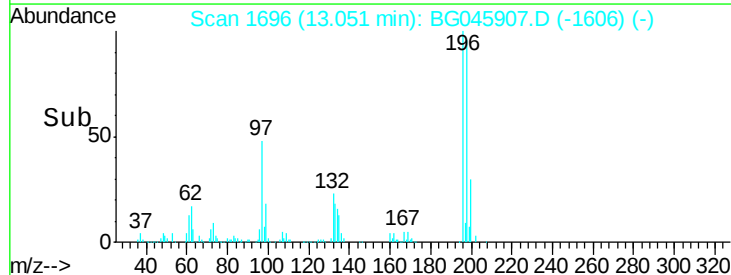
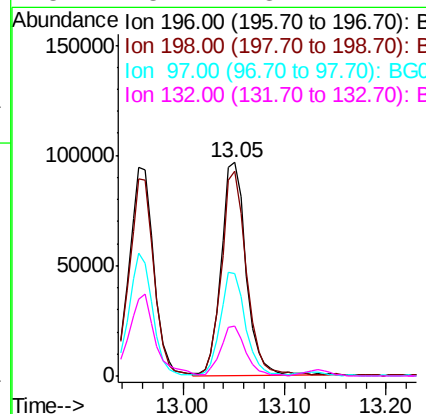
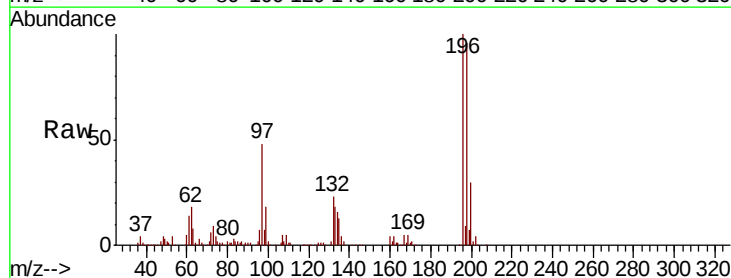
Instrument :
 BNA_G
 ClientSampleId :
 SP2-FMSD

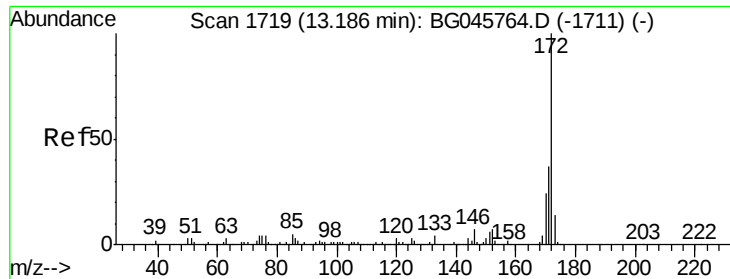
Tot Ion:196 Resp: 157601
 Ion Ratio Lower Upper
 196 100
 198 94.2 79.0 118.6
 200 31.6 22.7 34.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.198 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

Tgt Ion:196 Resp: 164849
 Ion Ratio Lower Upper
 196 100
 198 95.7 71.8 107.8
 97 48.1 39.4 59.2
 132 23.2 18.2 27.4

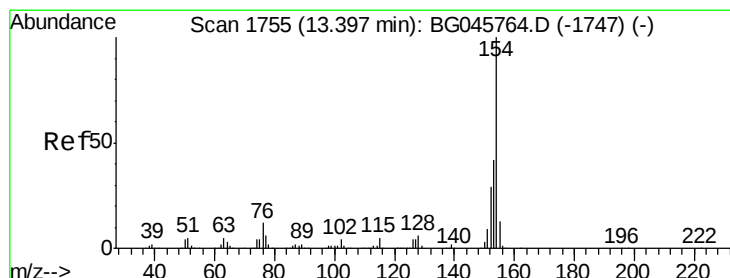
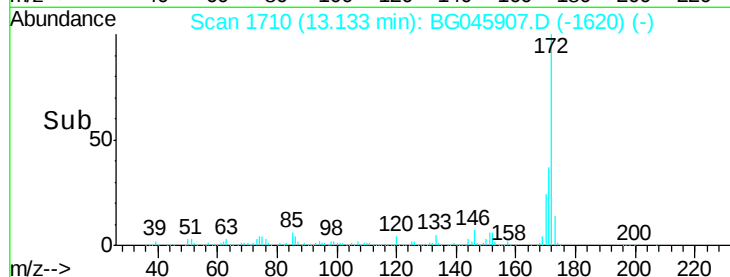
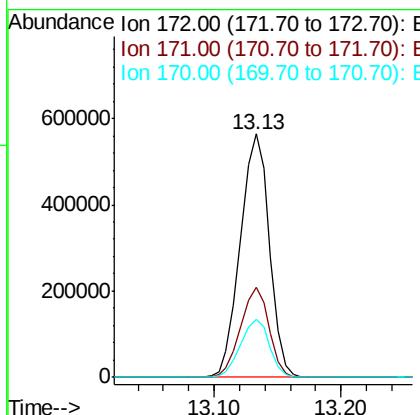
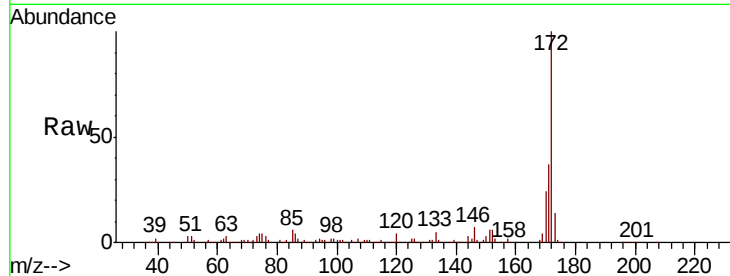




#45
 2-Fluorobiphenyl
 Concen: 87.768 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

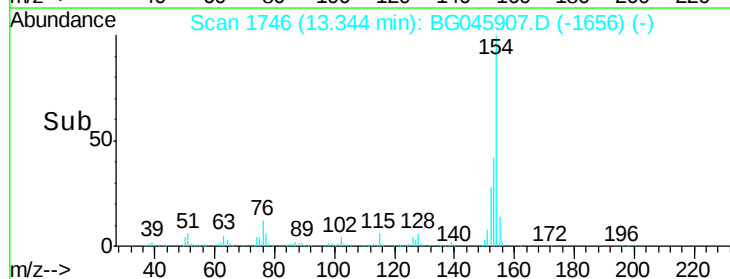
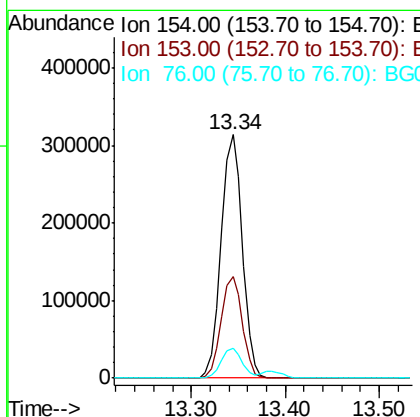
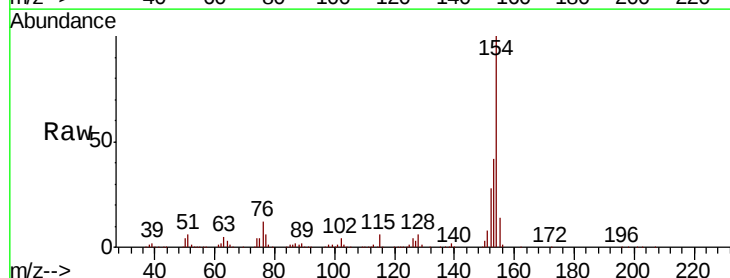
Instrument :
 BNA_G
 ClientSampleId :
 SP2-FMSD

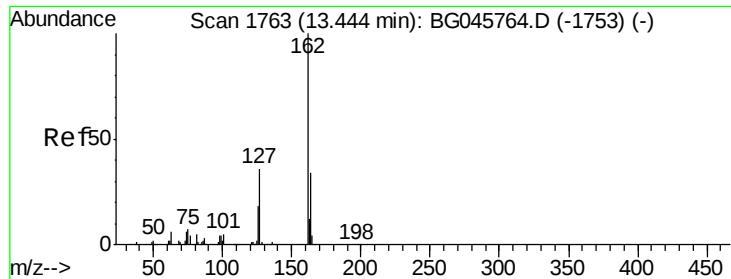
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.0	18.9	28.3



#46
 1,1'-Biphenyl
 Concen: 46.089 ng
 RT: 13.34 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.8	60.8
76	12.2	0.0	32.2

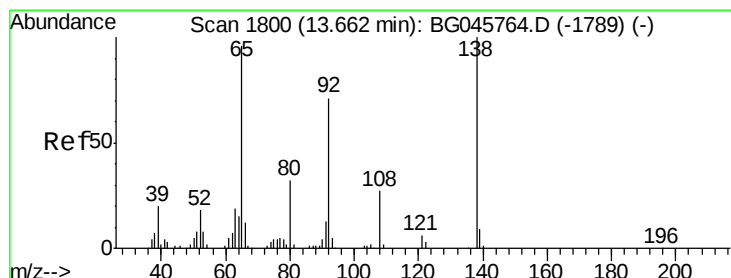
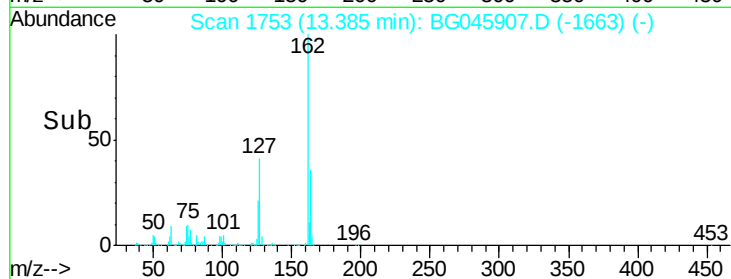
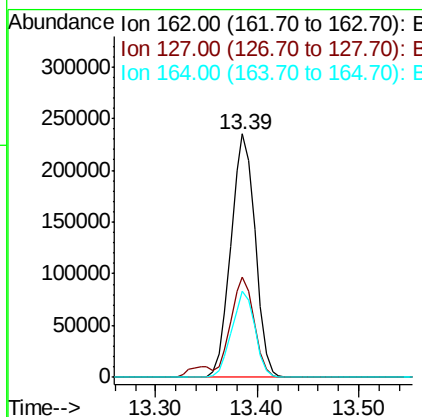
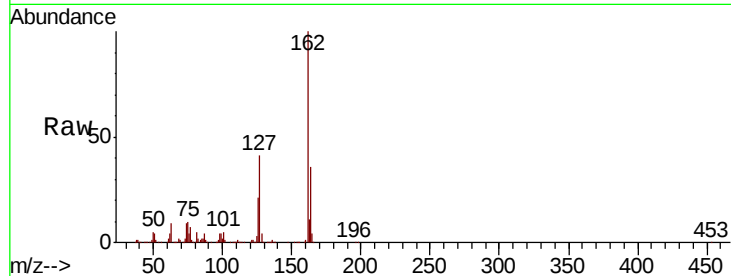




#47
2-Chloronaphthalene
Concen: 44.884 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

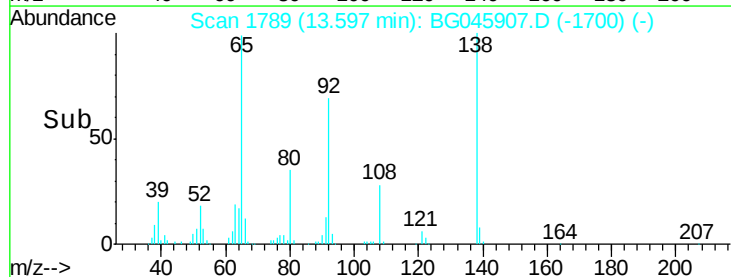
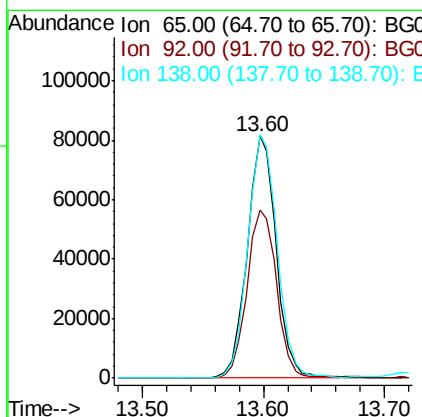
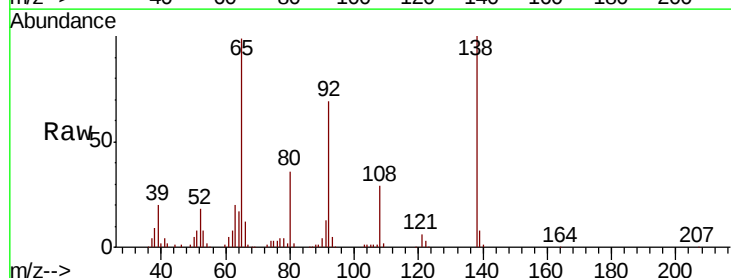
Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

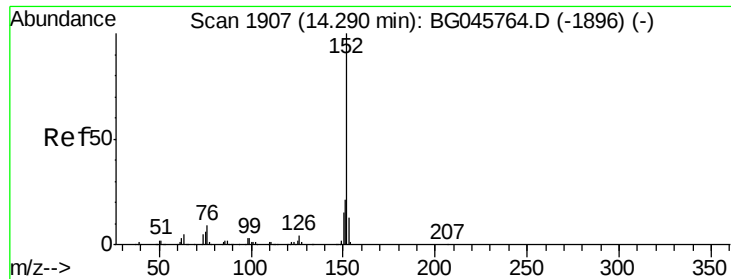
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.5	48.7
164	35.6	27.6	41.4



#48
2-Nitroaniline
Concen: 46.969 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	58.6	88.0
138	100.7	81.0	121.4





#49

Acenaphthylene

Concen: 45.557 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

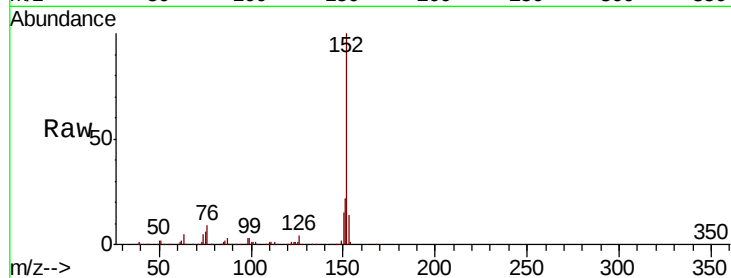
BNA_G

ClientSampled :

SP2-FMSD

Tot Ion:152 Resp: 632937

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.9	25.3
153	13.6	11.0	16.4

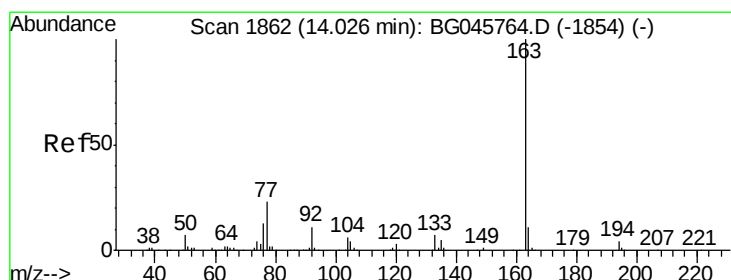
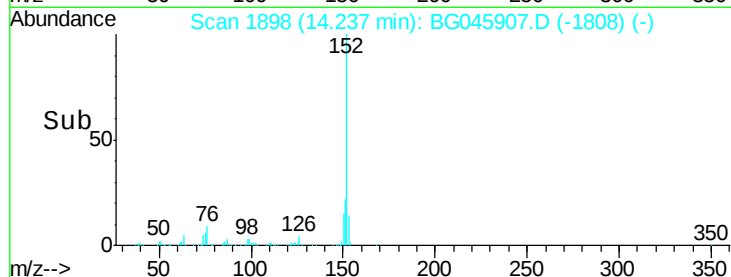
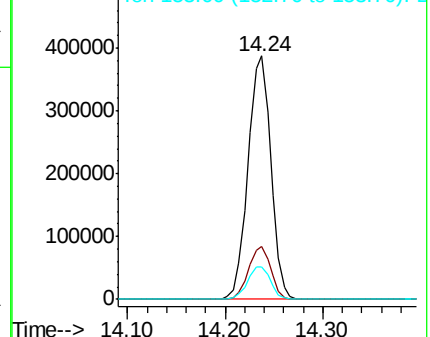


Abundance

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: 58.489 ng

RT: 13.97 min Scan# 1853

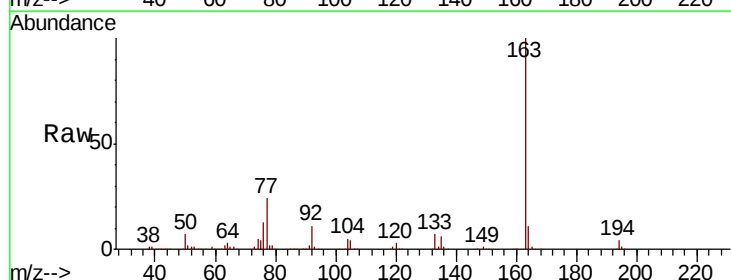
Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Tgt Ion:163 Resp: 687211

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	11.2	8.5	12.7

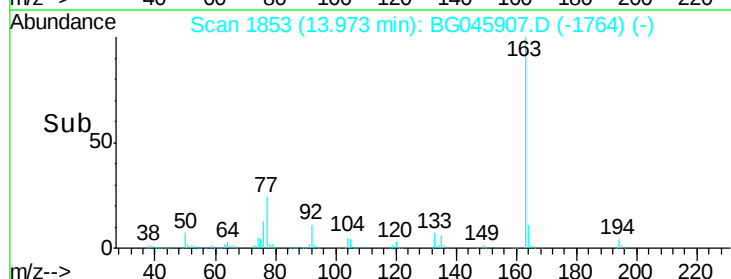
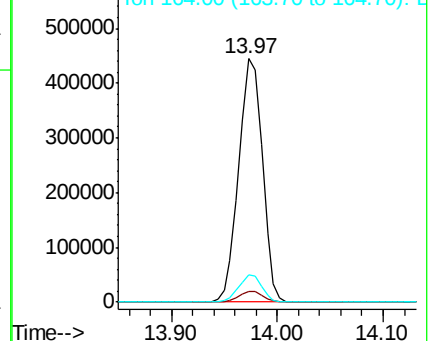


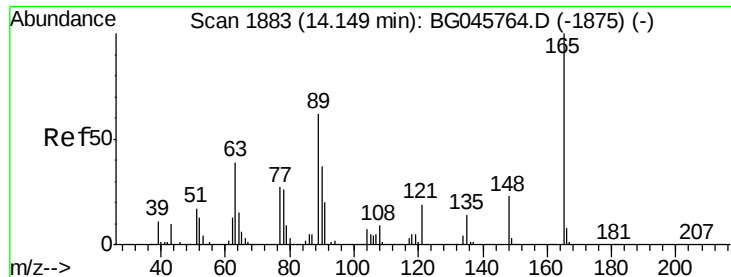
Abundance

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: 46.914 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSD

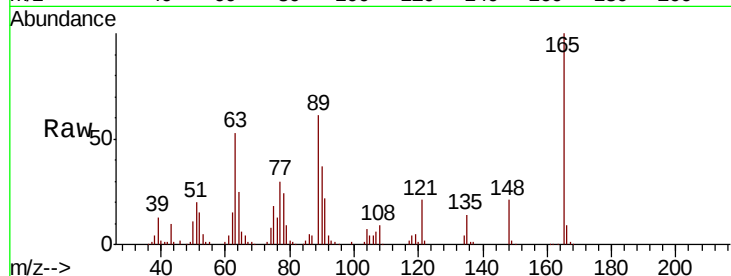
Tot Ion:165 Resp: 123805

Ion Ratio Lower Upper

165 100

63 52.9 48.8 73.2

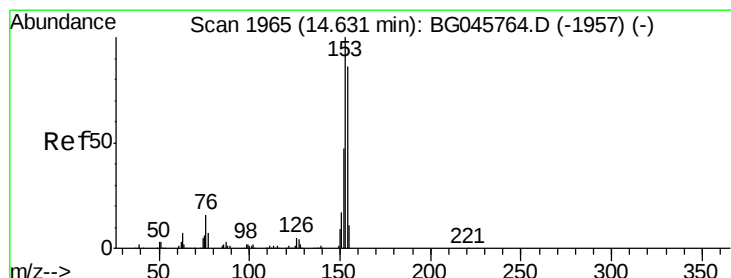
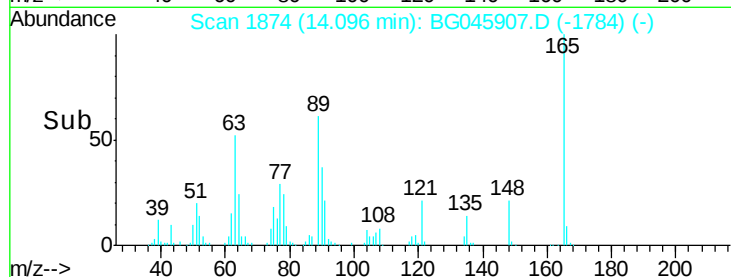
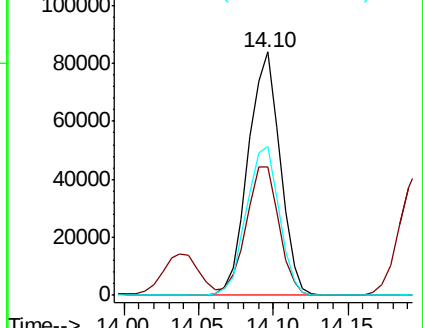
89 61.4 51.0 76.4



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: 45.097 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

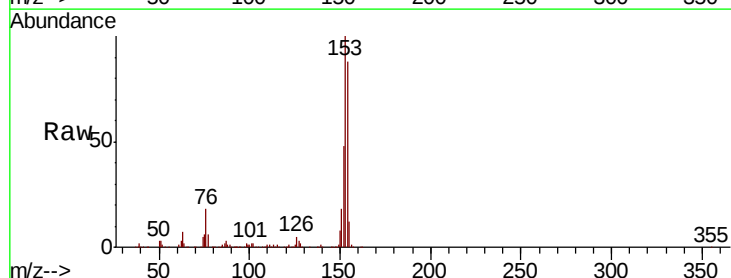
Tgt Ion:154 Resp: 379781

Ion Ratio Lower Upper

154 100

153 113.5 90.0 135.0

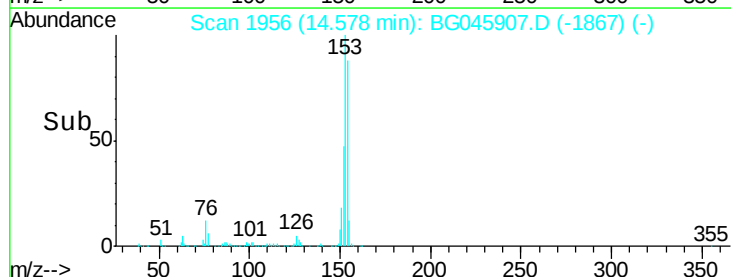
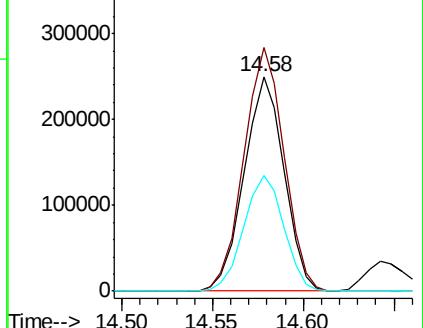
152 54.1 43.1 64.7

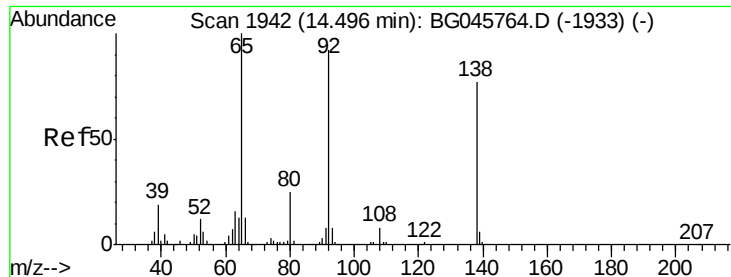


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

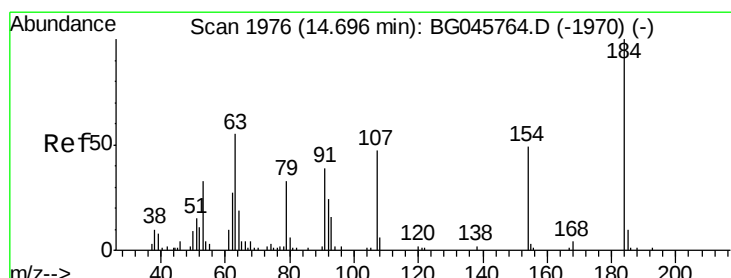
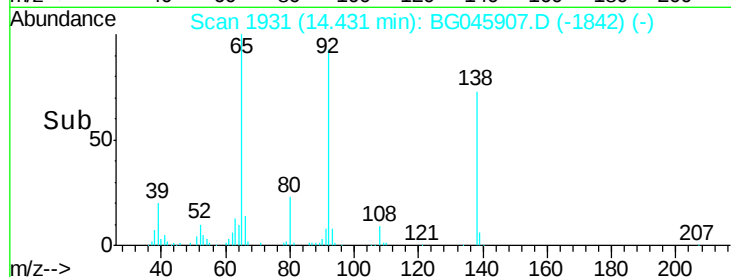
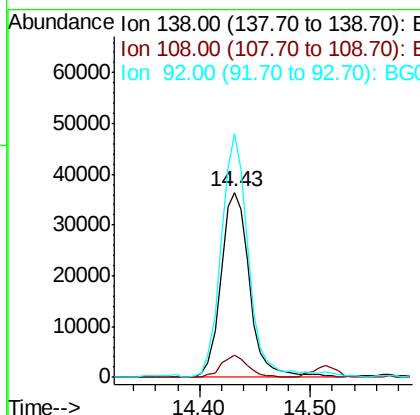
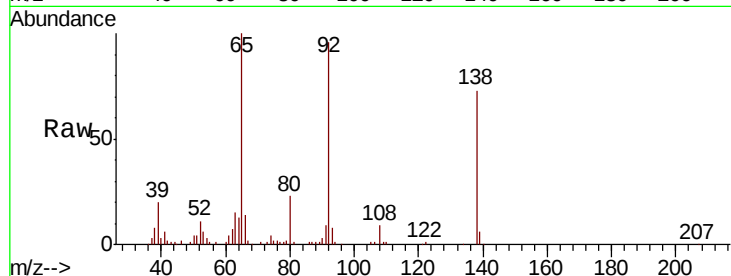




#53
3-Nitroaniline
Concen: 25.029 ng
RT: 14.43 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

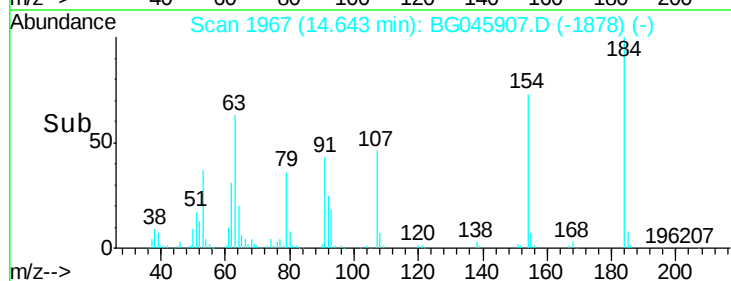
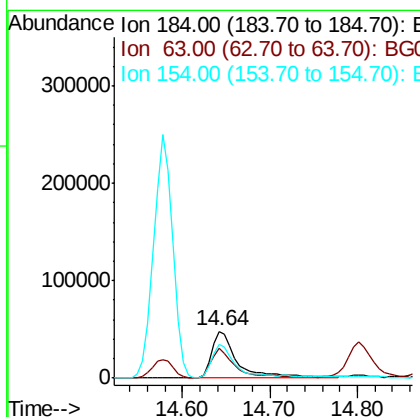
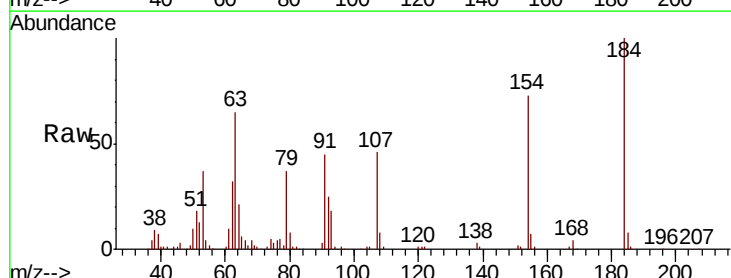
Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

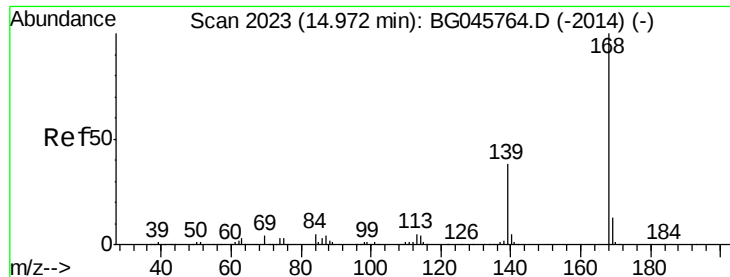
Tot Ion:138 Resp: 65973
Ion Ratio Lower Upper
138 100
108 12.2 8.2 12.4
92 131.4 103.6 155.4



#54
2,4-Dinitrophenol
Concen: 69.116 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion:184 Resp: 99211
Ion Ratio Lower Upper
184 100
63 64.9 48.9 73.3
154 72.9 54.1 81.1

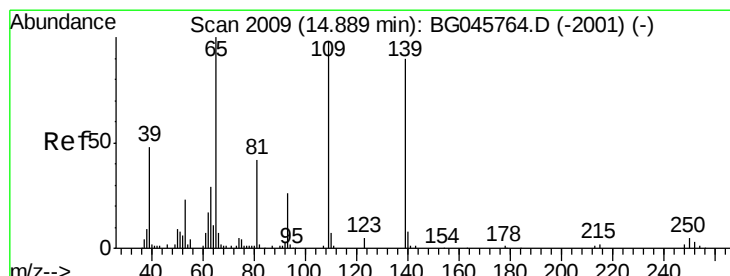
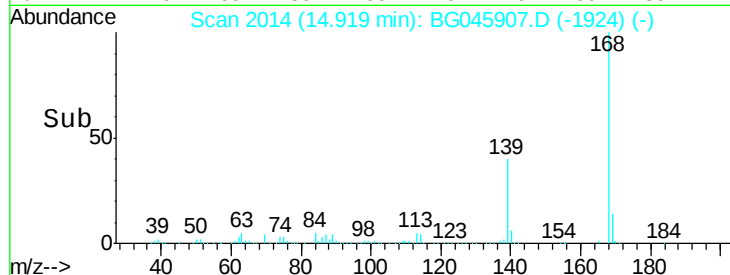
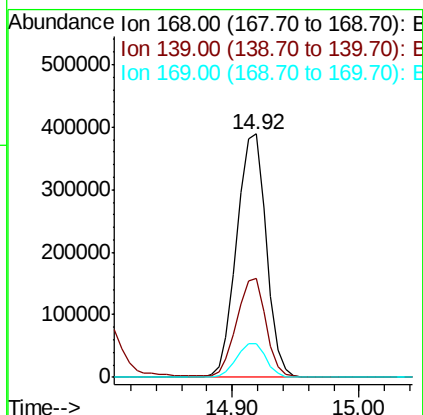
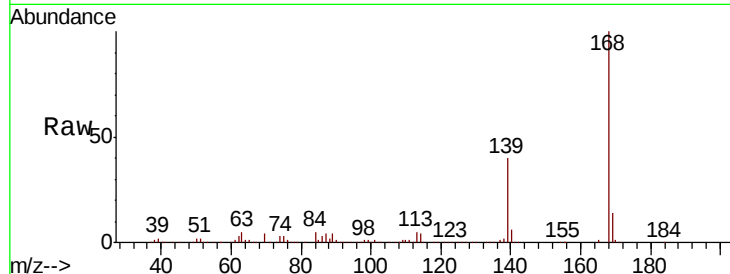




#55
Dibenzofuran
Concen: 45.877 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

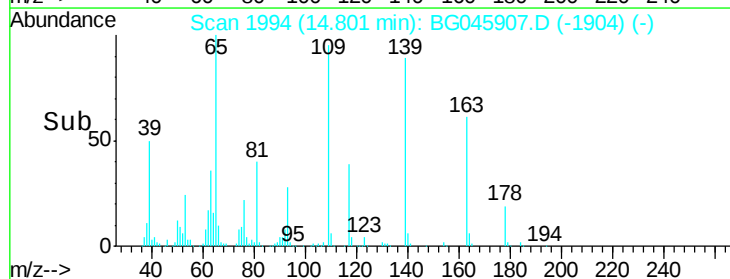
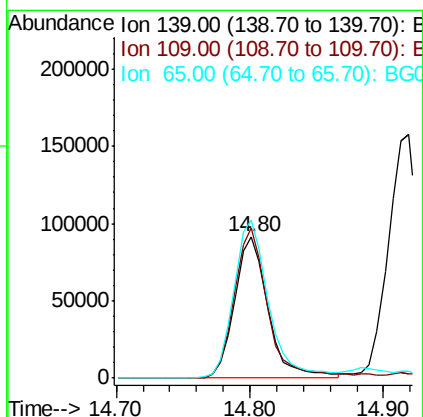
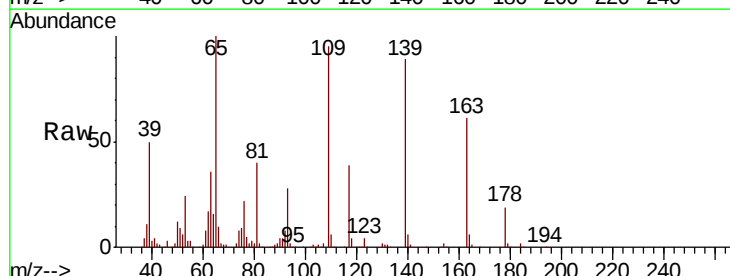
Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

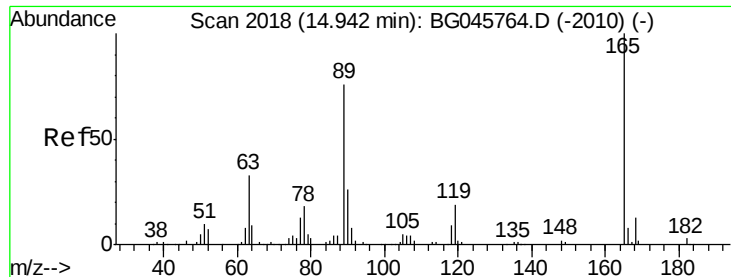
Tot Ion:168 Resp: 627619
Ion Ratio Lower Upper
168 100
139 40.5 32.4 48.6
169 13.9 11.1 16.7



#56
4-Nitrophenol
Concen: 84.500 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion:139 Resp: 160024
Ion Ratio Lower Upper
139 100
109 105.9 79.8 119.8
65 111.8 84.4 124.4

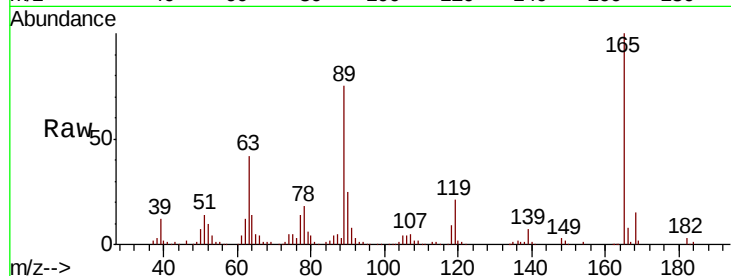




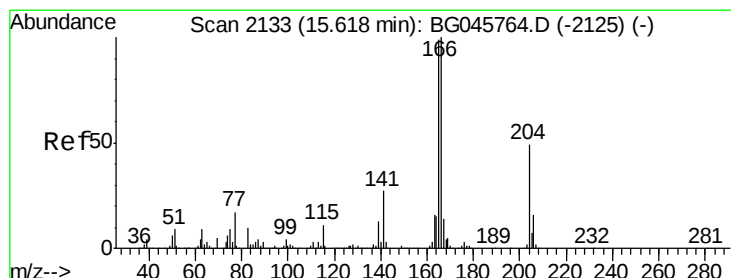
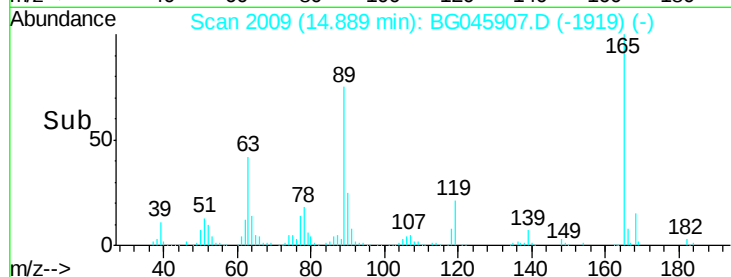
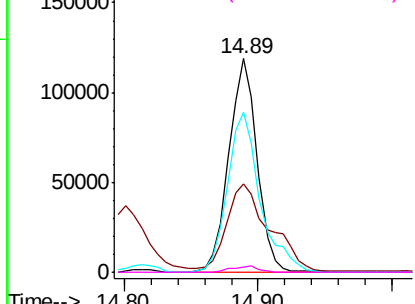
#57
2,4-Dinitrotoluene
Concen: 46.512 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

Tot Ion:165 Resp: 175864
Ion Ratio Lower Upper
165 100
63 41.6 34.4 51.6
89 75.0 63.0 94.4
182 2.6 2.2 3.2

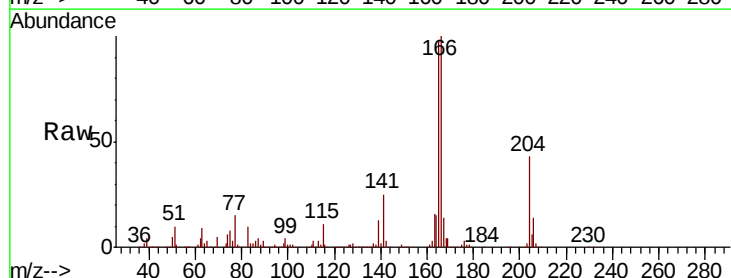


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

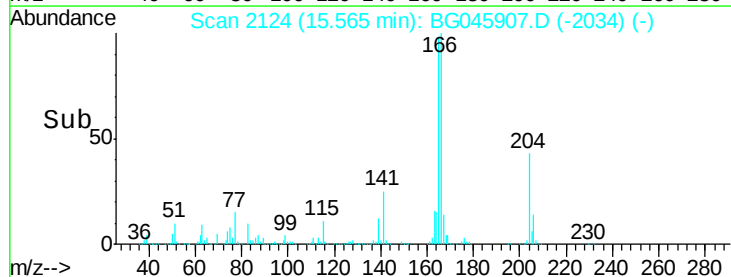
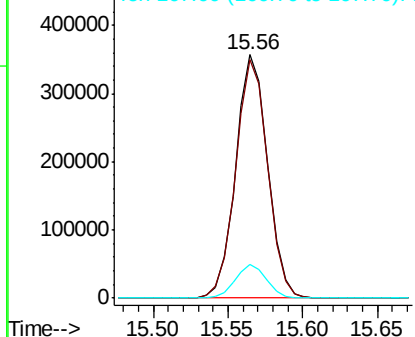


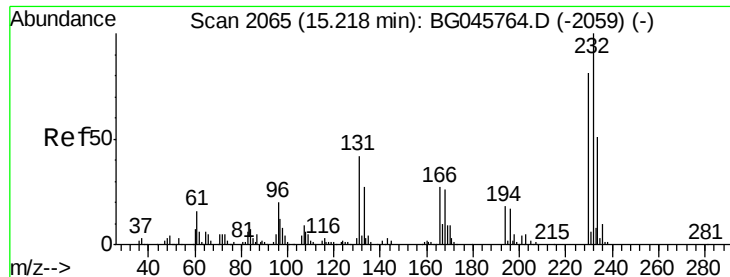
#58
Fluorene
Concen: 46.372 ng
RT: 15.56 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion:166 Resp: 527513
Ion Ratio Lower Upper
166 100
165 98.0 79.6 119.4
167 14.1 11.2 16.8



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

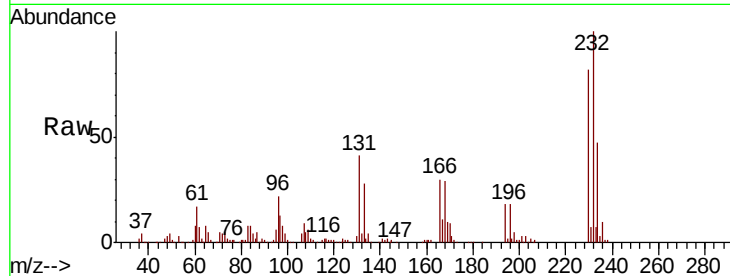




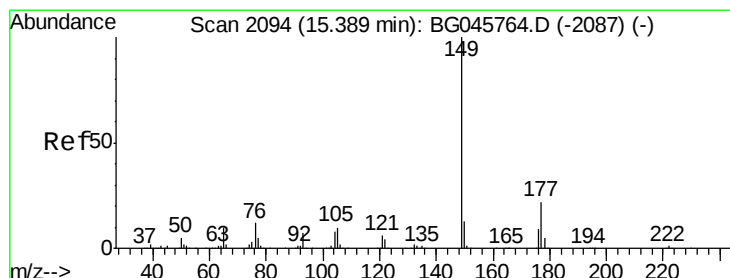
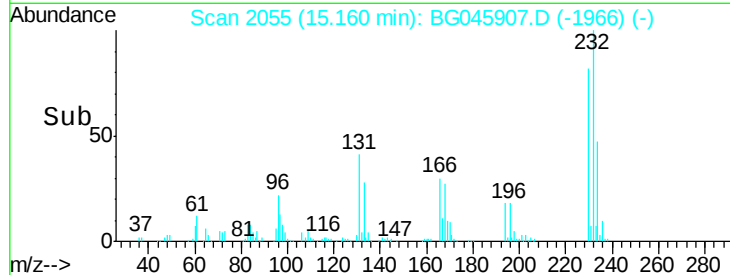
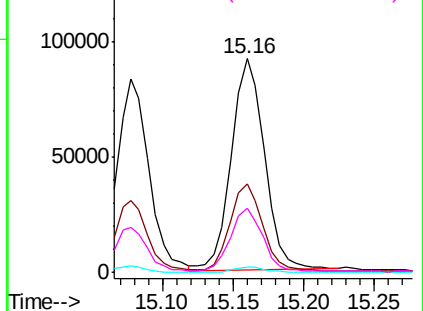
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.049 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

Instrument :
 BNA_G
 ClientSampleId :
 SP2-FMSD

Tot Ion:232	Resp:	149209
Ion Ratio	Lower	Upper
232	100	
131	40.9	25.9 38.9#
130	2.5	1.8 2.6
166	29.2	16.2 24.2#

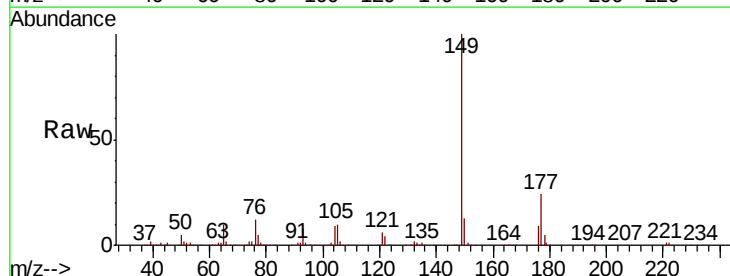


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

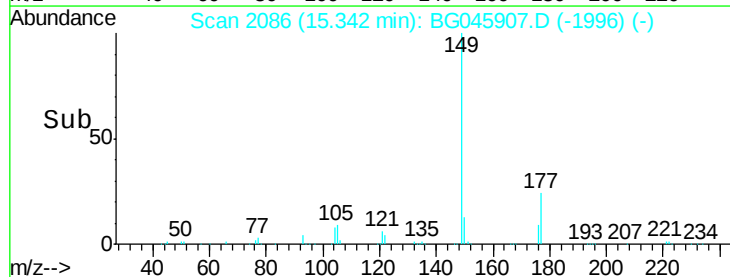
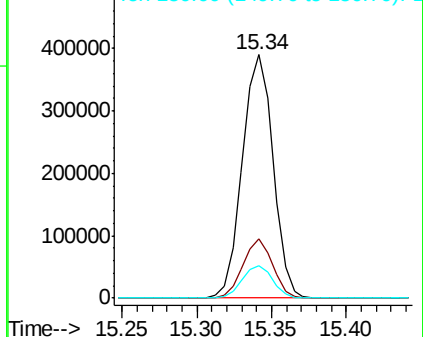


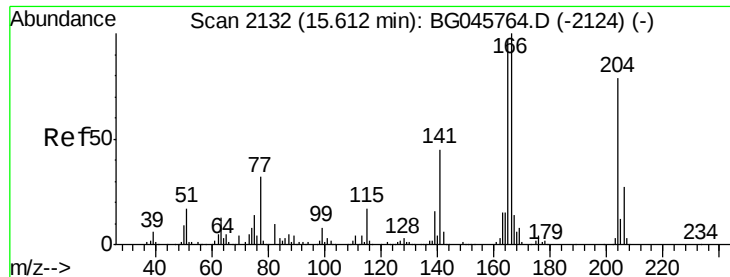
#60
 Diethylphthalate
 Concen: 46.145 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

Tgt Ion:149	Resp:	554259
Ion Ratio	Lower	Upper
149	100	
177	24.3	18.2 27.4
150	13.3	10.2 15.2



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

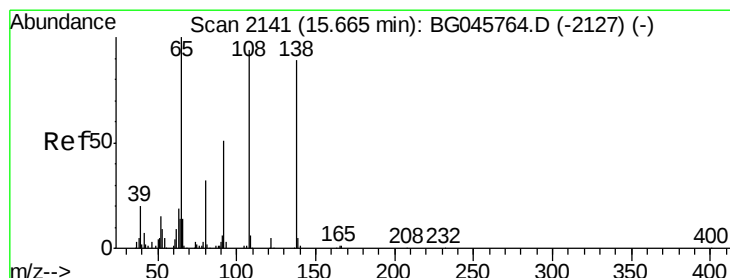
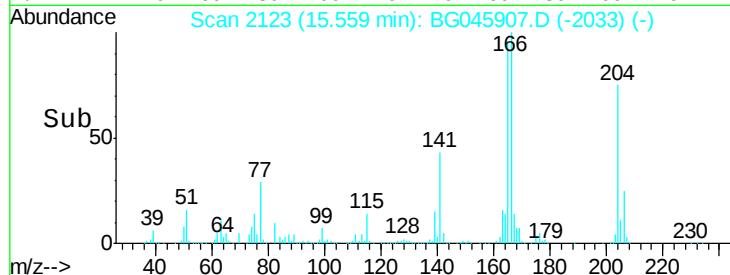
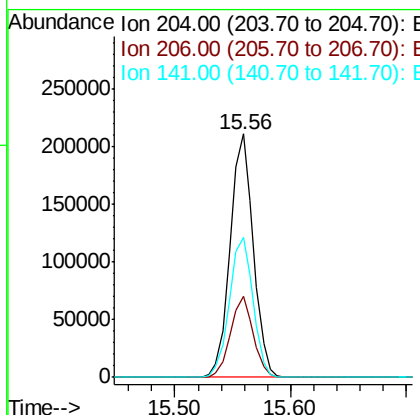
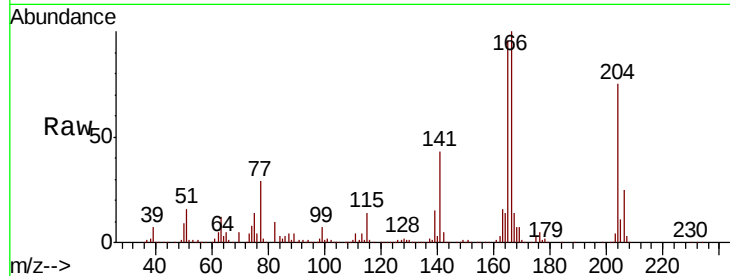




#61
4-Chlorophenyl-phenylether
Concen: 44.449 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

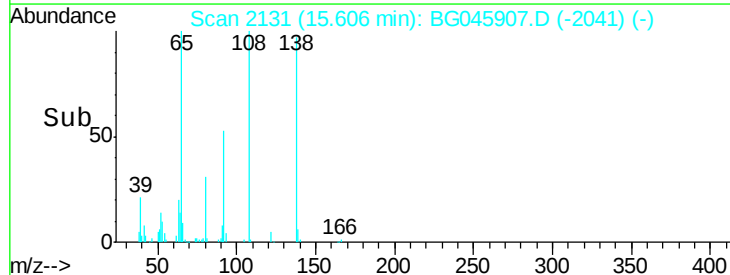
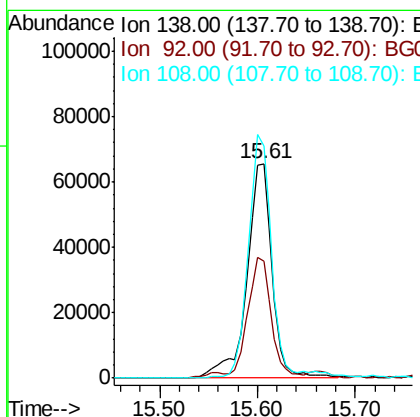
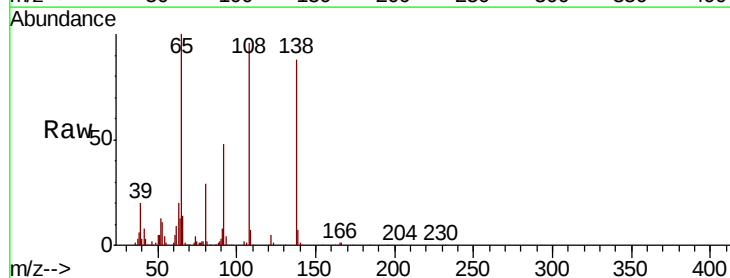
Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

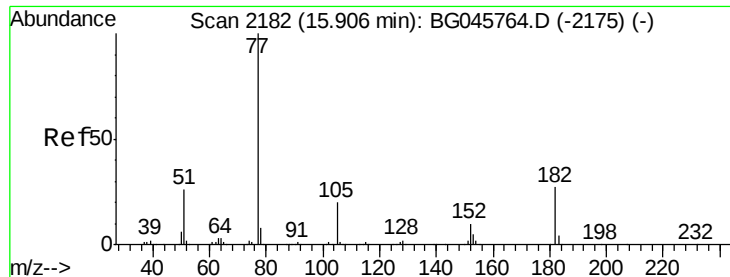
Tot Ion:204 Resp: 291430
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 57.4 46.0 69.0



#62
4-Nitroaniline
Concen: 44.081 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion:138 Resp: 119249
Ion Ratio Lower Upper
138 100
92 54.7 37.1 77.1
108 108.3 90.9 130.9





#63

Azobenzene

Concen: 47.126 ng

RT: 15.85 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSD

Tot Ion: 77 Resp: 543501

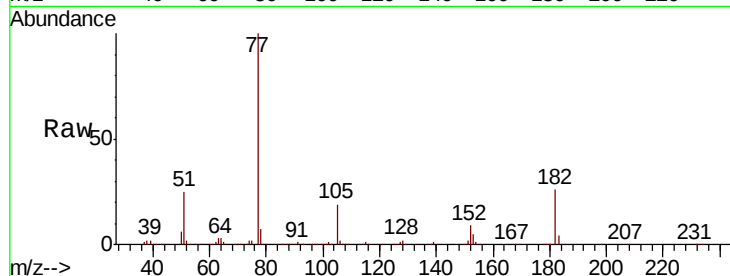
Ion Ratio Lower Upper

77 100

182 26.2 6.2 46.2

105 19.2 0.0 39.5

51 24.5 5.2 45.2

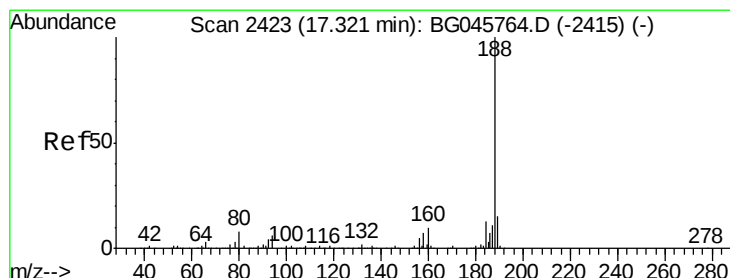
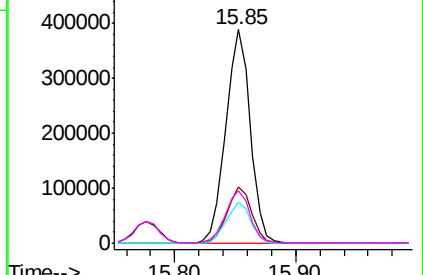
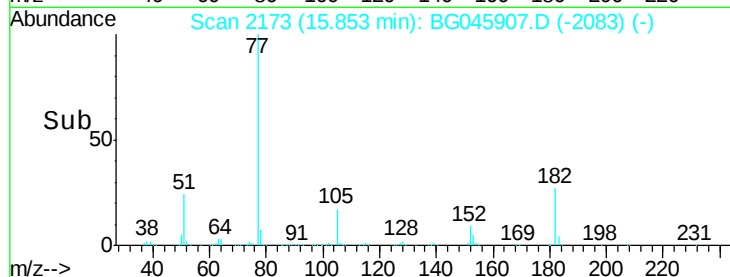


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.26 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

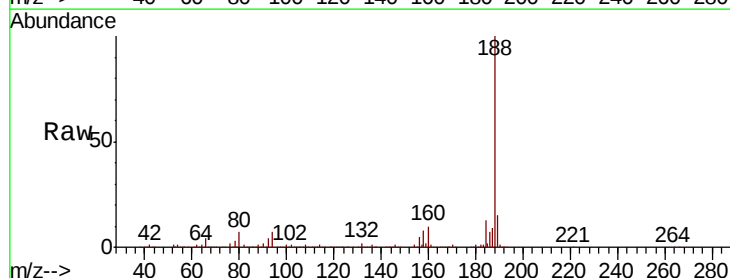
Tgt Ion: 188 Resp: 349177

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

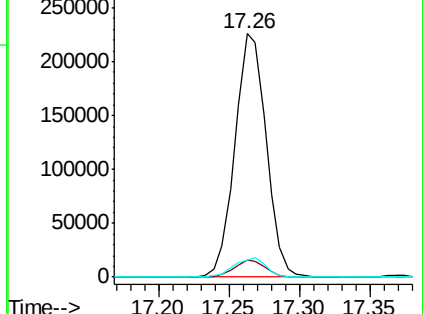
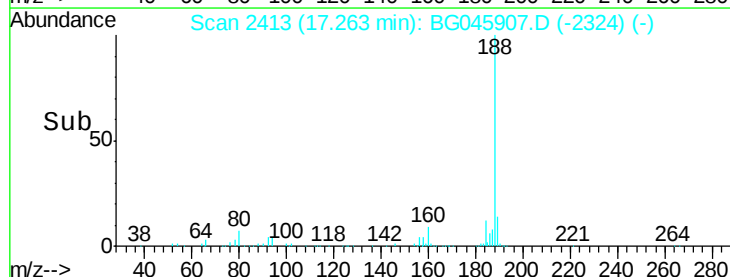
80 7.2 6.3 9.5

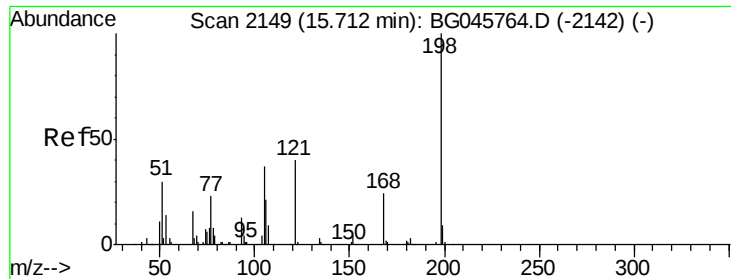


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

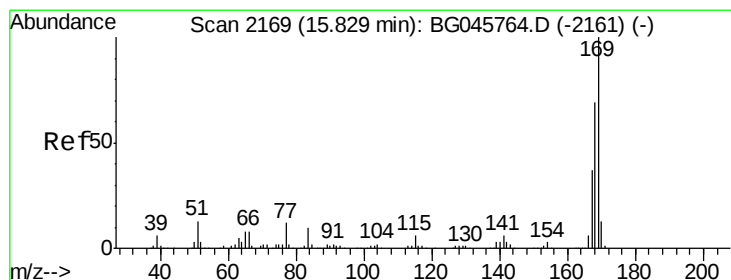
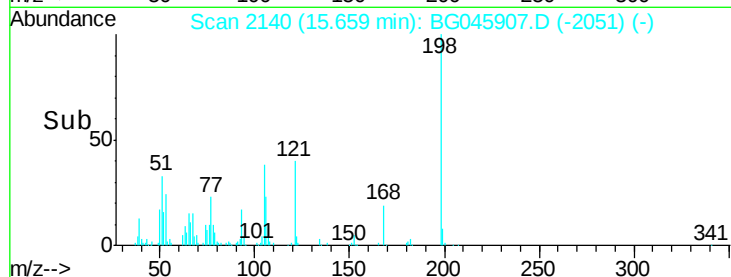
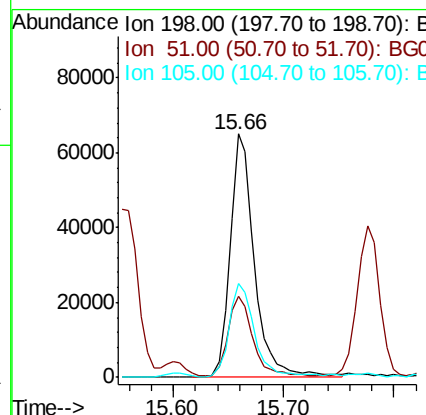
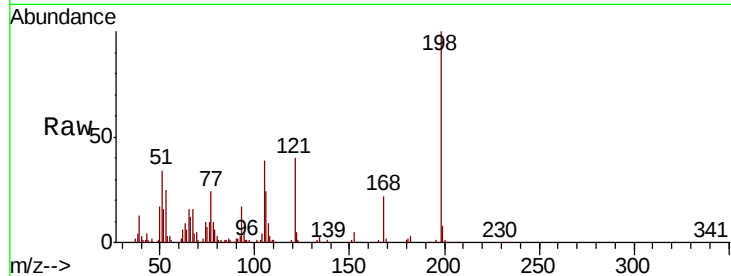




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.380 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

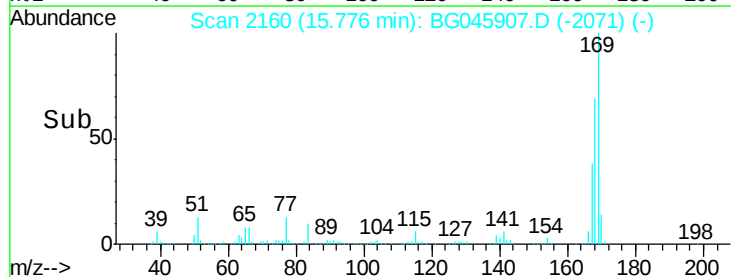
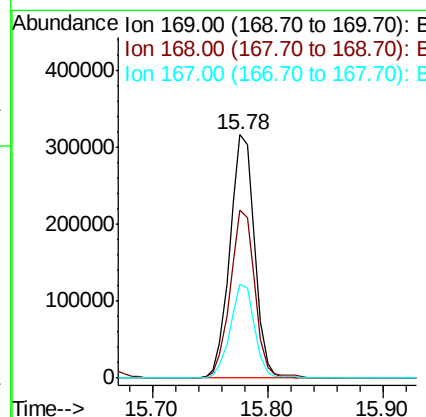
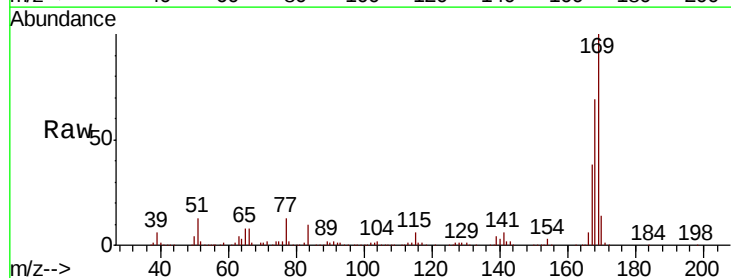
Instrument :
 BNA_G
 ClientSampleId :
 SP2-FMSD

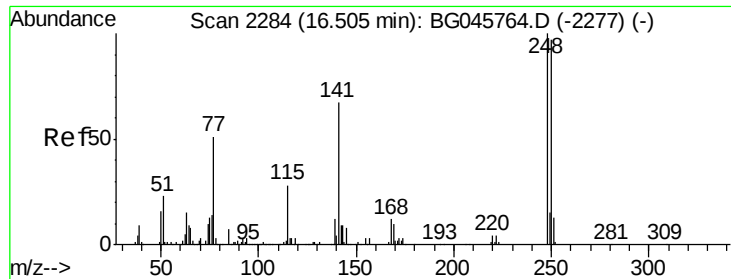
Tot Ion:198 Resp: 100085
 Ion Ratio Lower Upper
 198 100
 51 33.5 13.9 53.9
 105 38.6 21.7 61.7



#66
 n-Nitrosodiphenylamine
 Concen: 47.292 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

Tgt Ion:169 Resp: 467721
 Ion Ratio Lower Upper
 169 100
 168 69.0 56.6 85.0
 167 38.3 30.9 46.3

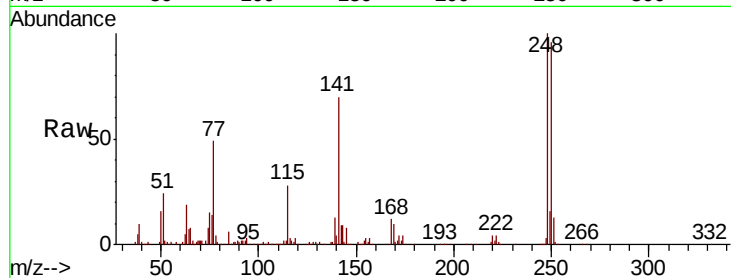




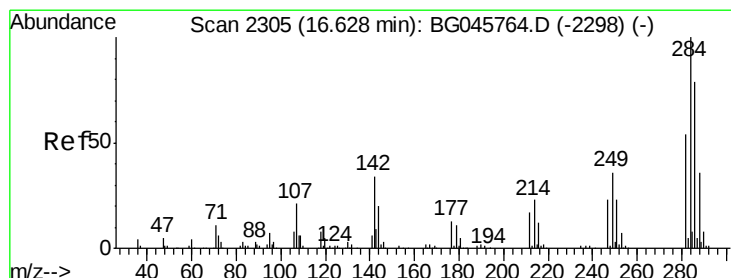
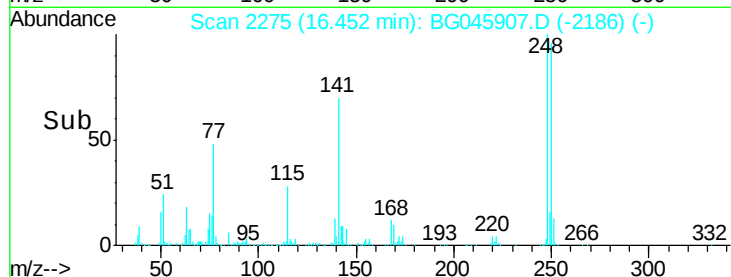
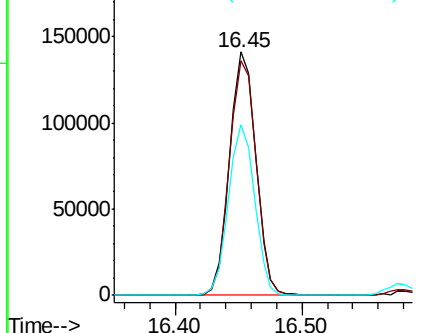
#67
4-Bromophenyl-phenylether
Concen: 44.628 ng
RT: 16.45 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

Tot Ion:248 Resp: 202481
Ion Ratio Lower Upper
248 100
250 96.3 75.7 113.5
141 70.1 55.0 82.4

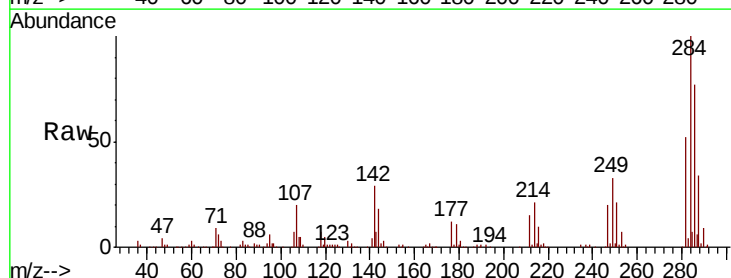


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

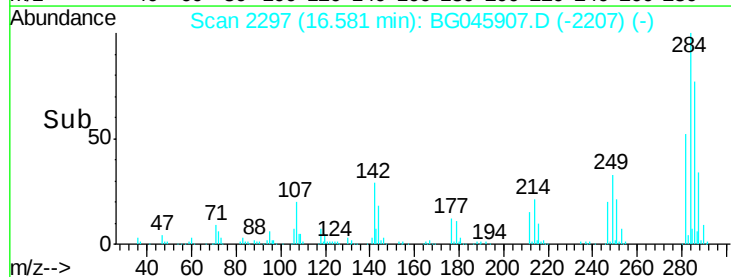
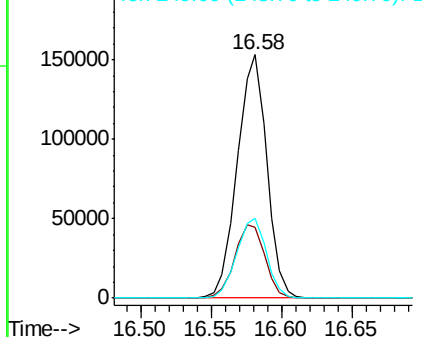


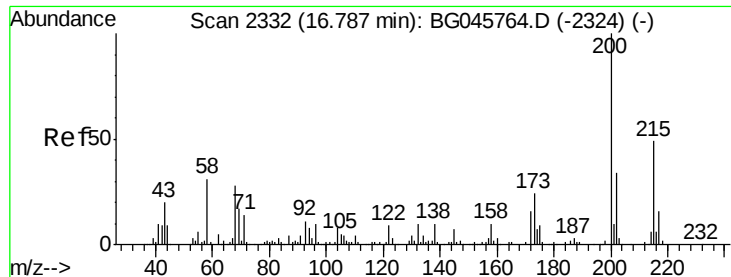
#68
Hexachlorobenzene
Concen: 47.423 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion:284 Resp: 223114
Ion Ratio Lower Upper
284 100
142 29.2 25.0 37.4
249 33.0 26.5 39.7



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: 45.849 ng

RT: 16.73 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSD

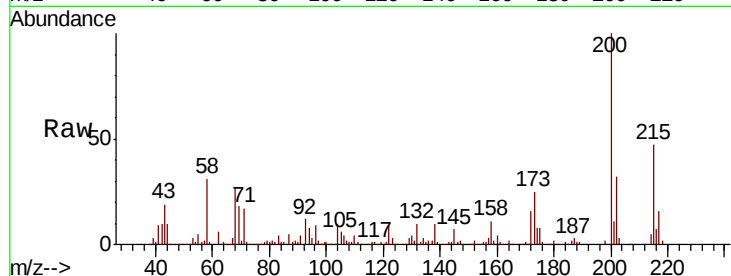
Tot Ion:200 Resp: 175956

Ion Ratio Lower Upper

200 100

173 25.5 5.1 45.1

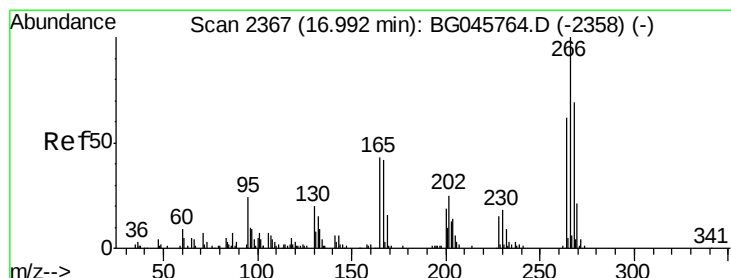
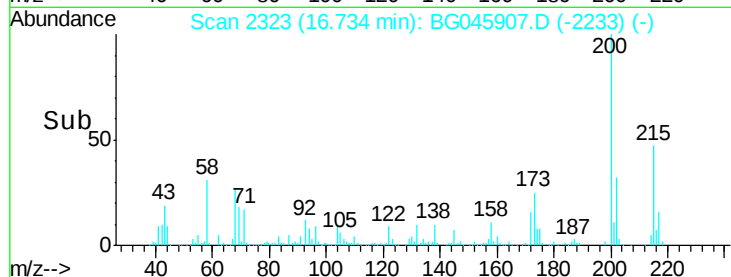
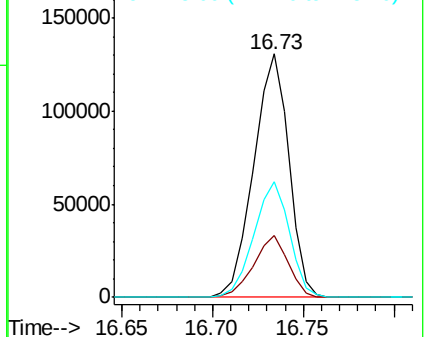
215 47.3 28.1 68.1



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: 70.943 ng

RT: 16.93 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

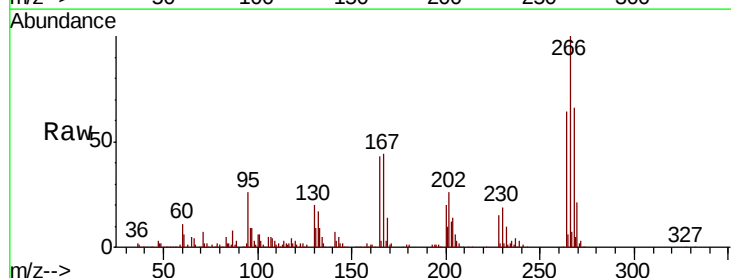
Tgt Ion:266 Resp: 162390

Ion Ratio Lower Upper

266 100

268 65.8 49.6 74.4

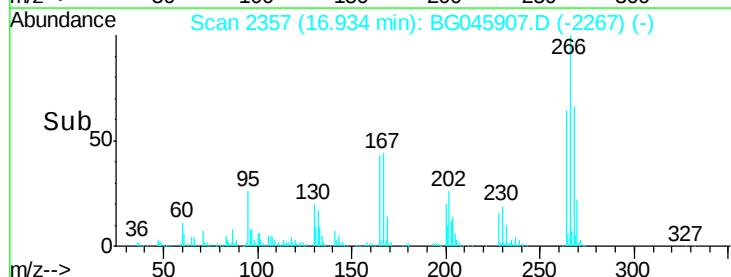
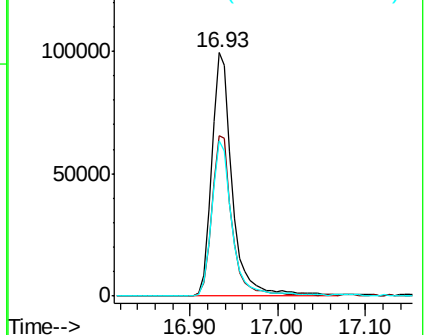
264 63.8 48.8 73.2

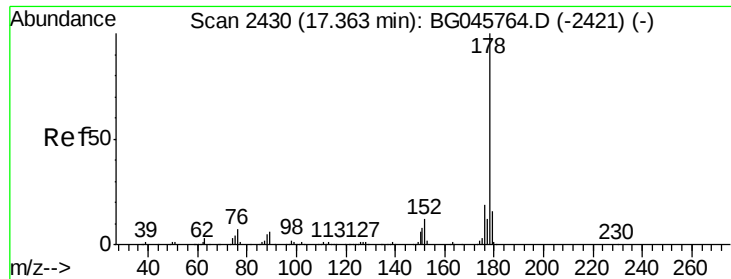


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

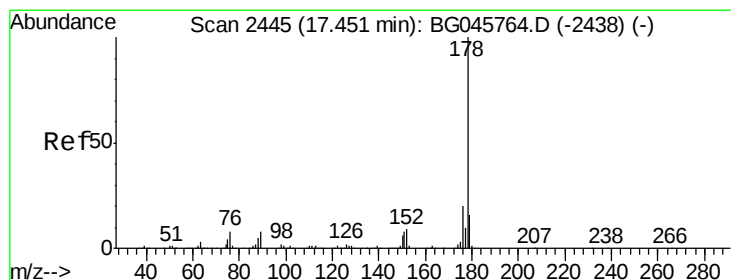
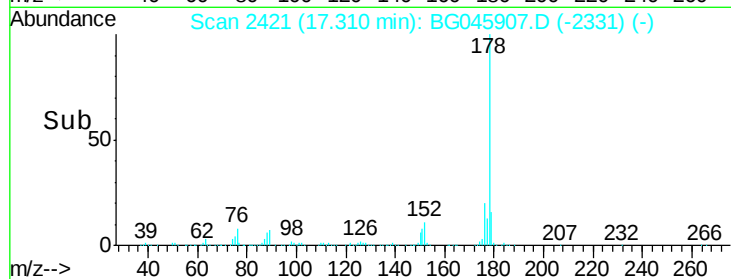
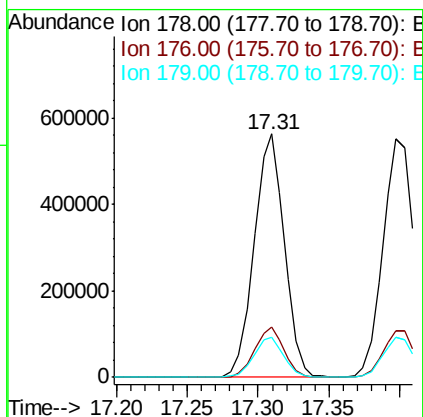
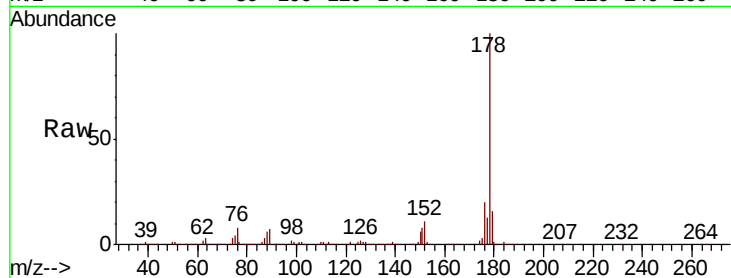




#71
Phenanthrene
Concen: 47.003 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

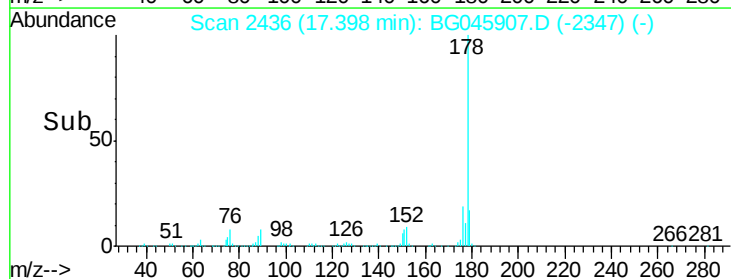
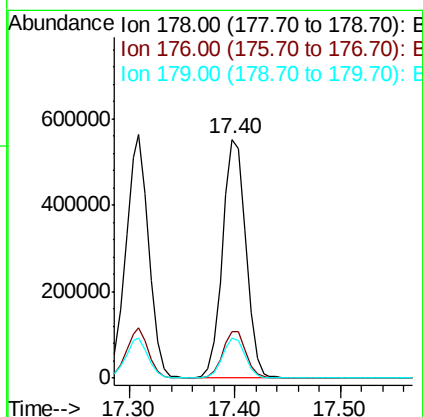
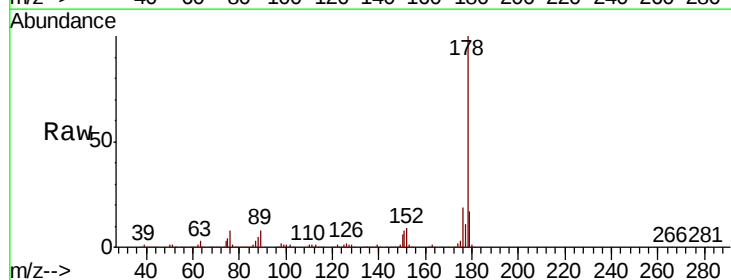
Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

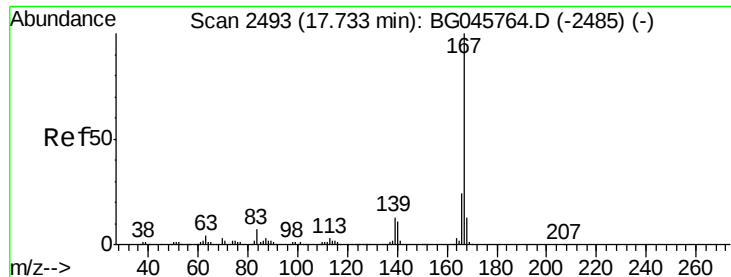
Tot Ion:178 Resp: 846458
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 16.2 12.9 19.3



#72
Anthracene
Concen: 47.166 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion:178 Resp: 845823
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 17.0 13.4 20.0

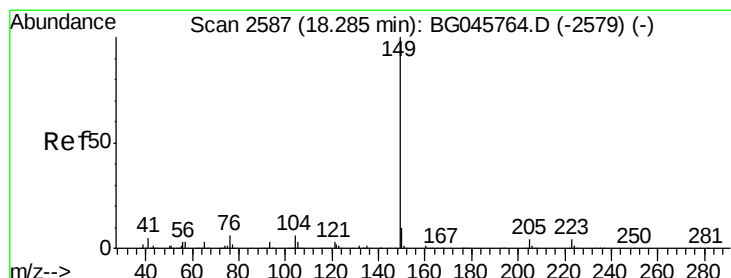
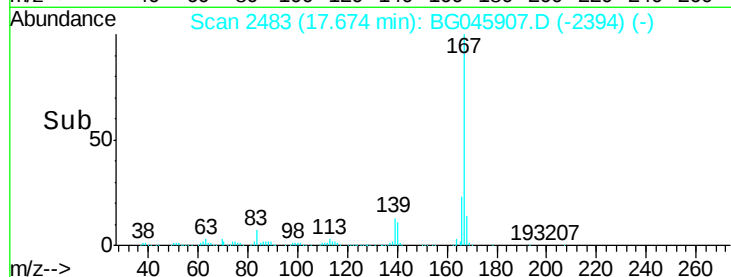
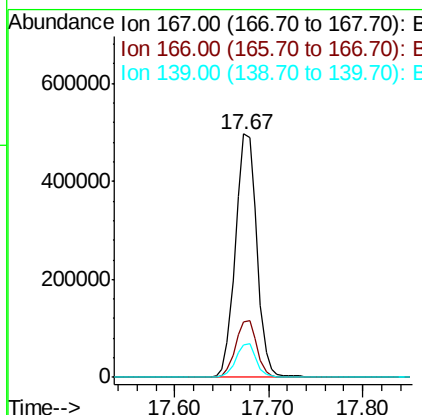
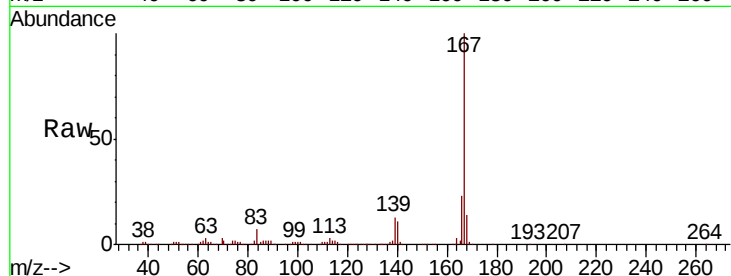




#73
 Carbazole
 Concen: 46.161 ng
 RT: 17.67 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

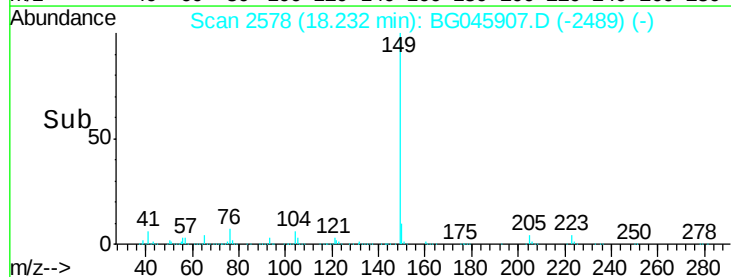
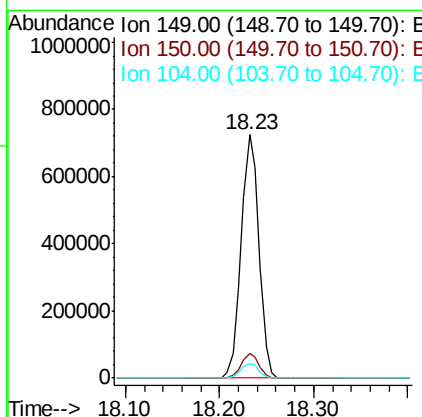
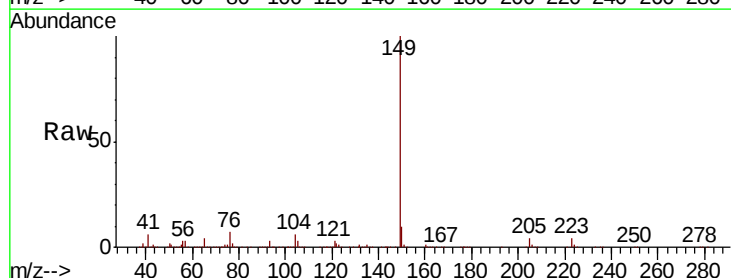
Instrument :
 BNA_G
 ClientSampleId :
 SP2-FMSD

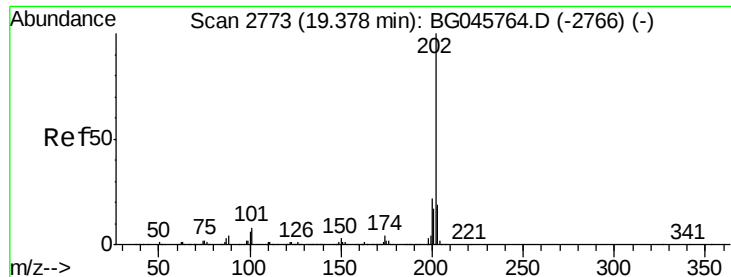
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.1	27.1
139	13.2	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 46.892 ng
 RT: 18.23 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.4	11.2
104	6.2	4.6	6.8





#75

Fluoranthene

Concen: 46.631 ng

RT: 19.32 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSD

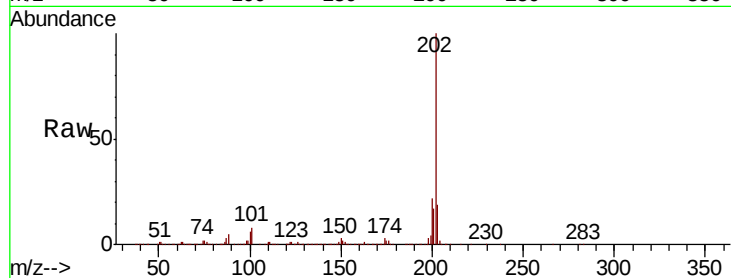
Tot Ion:202 Resp: 1032612

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.1

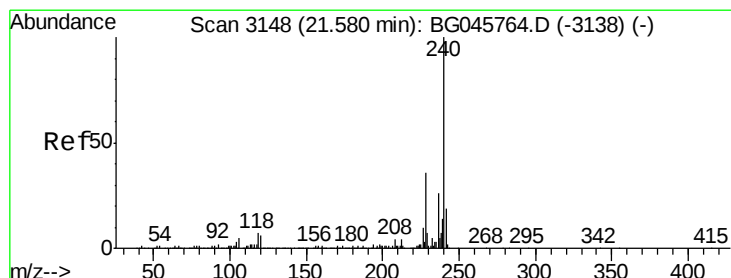
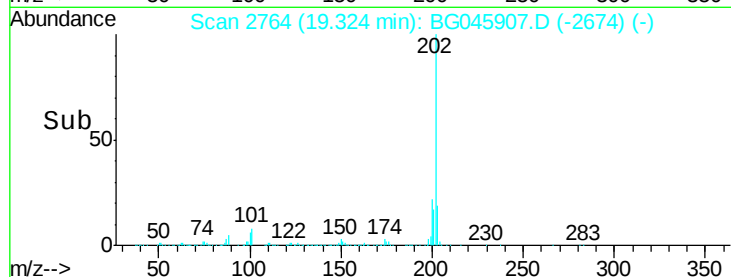
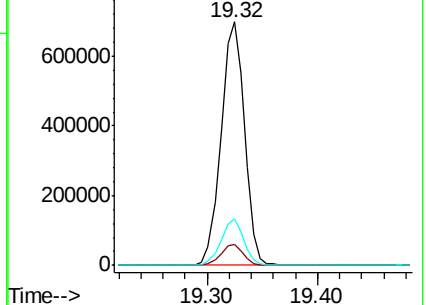
203 19.1 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

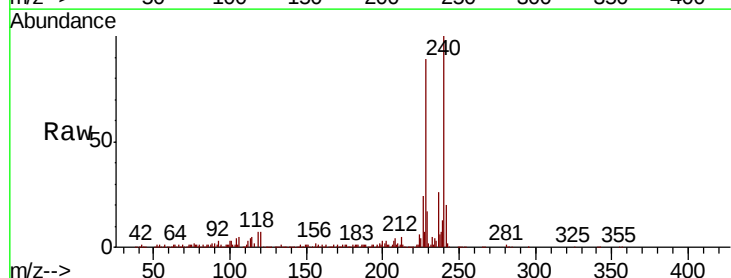
Tgt Ion:240 Resp: 318704

Ion Ratio Lower Upper

240 100

120 7.3 5.4 8.2

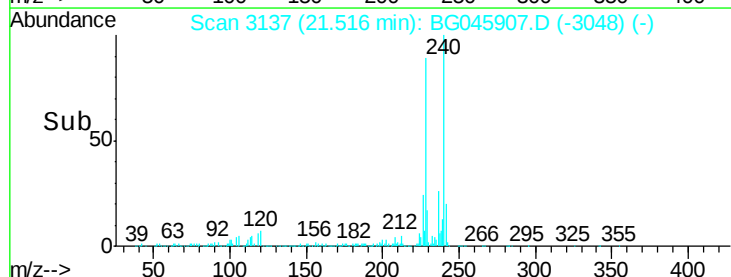
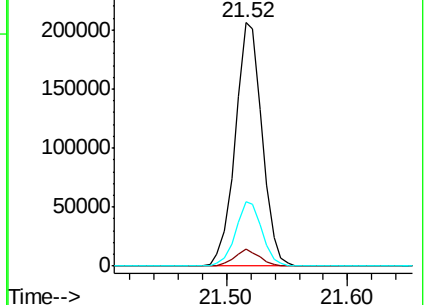
236 26.2 21.2 31.8

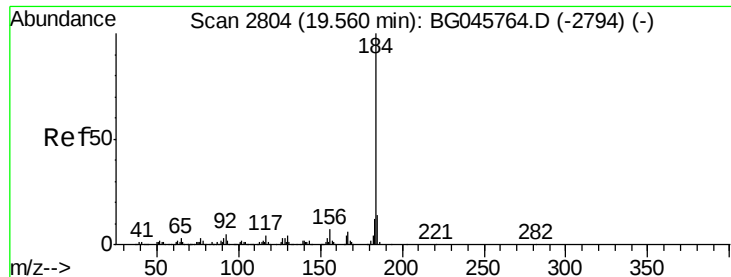


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.335 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSP

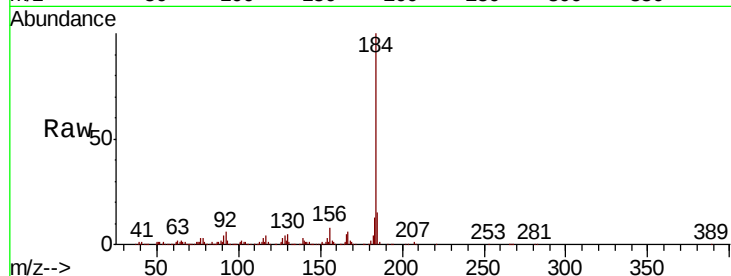
Tot Ion:184 Resp: 350759

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

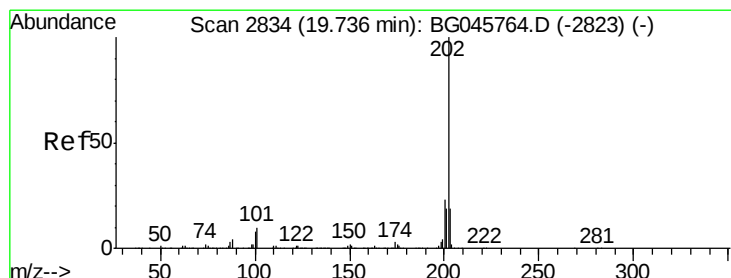
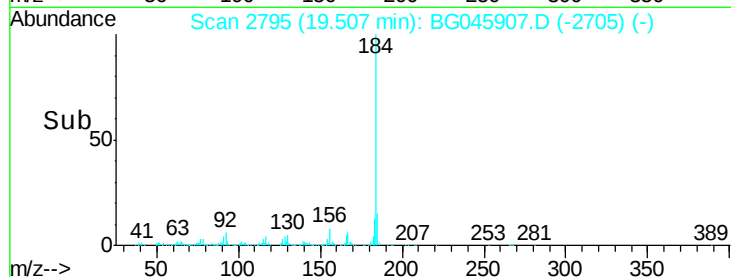
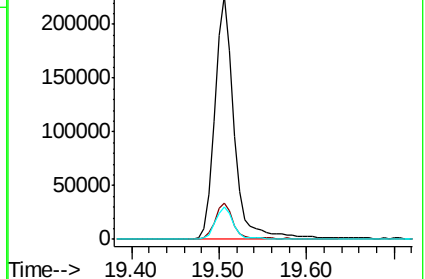
183 13.2 10.4 15.6



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: 47.370 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

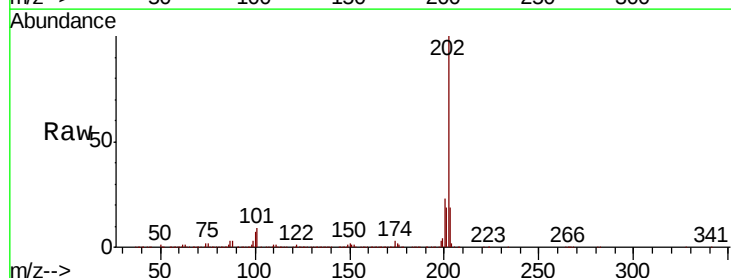
Tgt Ion:202 Resp: 1010952

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.4

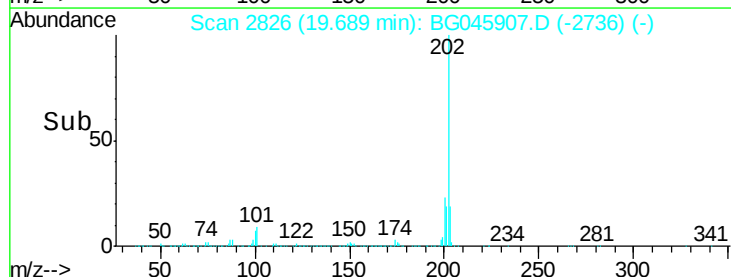
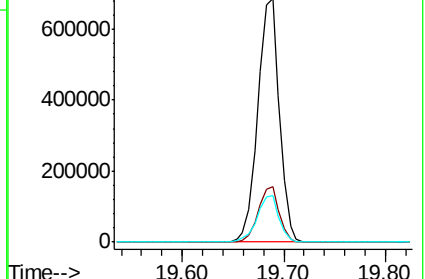
203 19.1 15.5 23.3

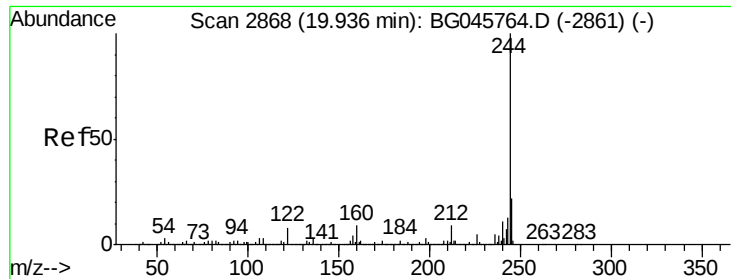


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.857 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampled :

SP2-FMSD

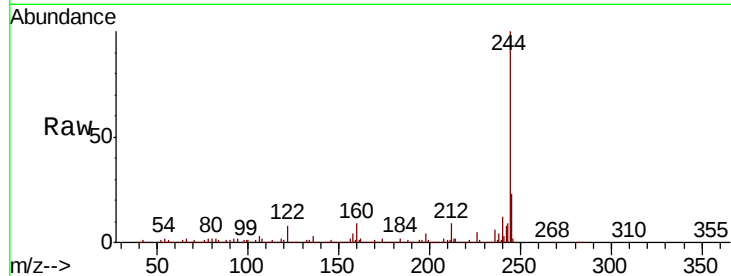
Tot Ion:244 Resp: 1491734

Ion Ratio Lower Upper

244 100

212 9.1 7.1 10.7

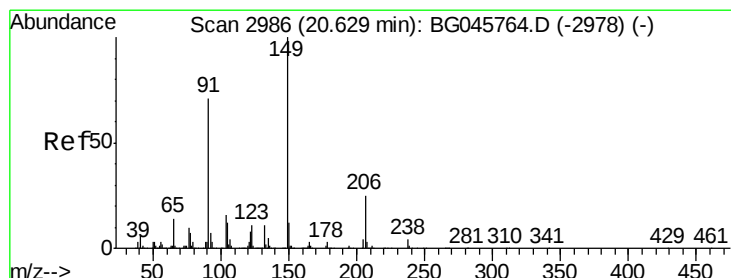
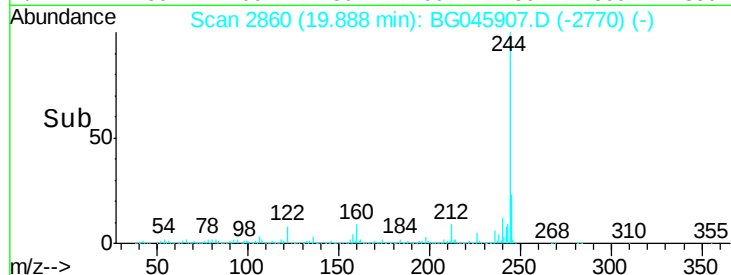
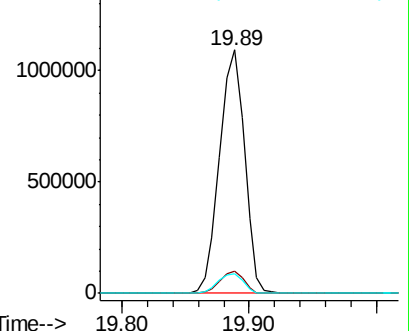
122 8.2 6.7 10.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.378 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

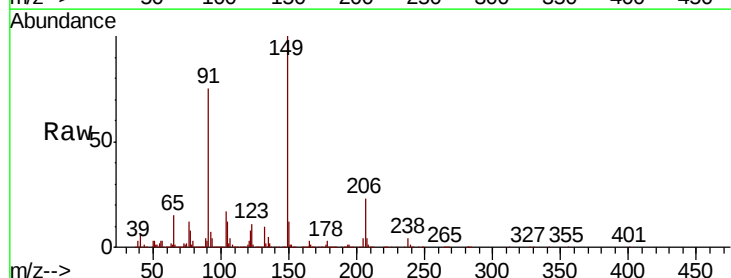
Tgt Ion:149 Resp: 414299

Ion Ratio Lower Upper

149 100

91 75.4 58.2 87.2

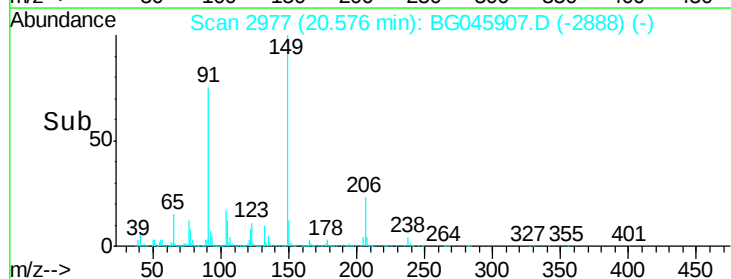
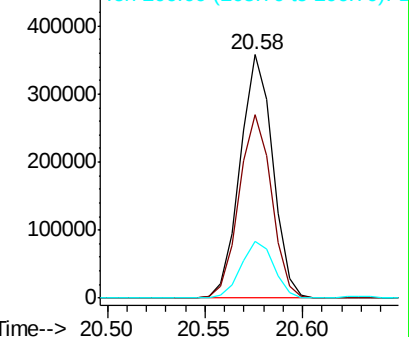
206 23.3 19.4 29.2

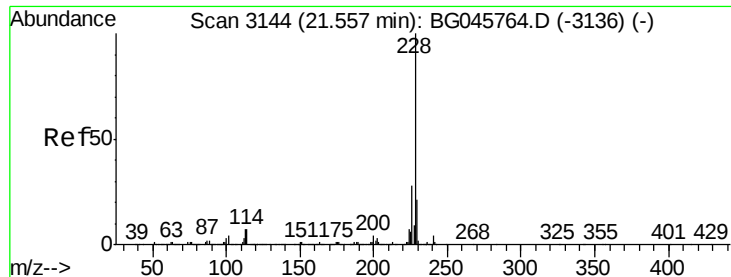


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

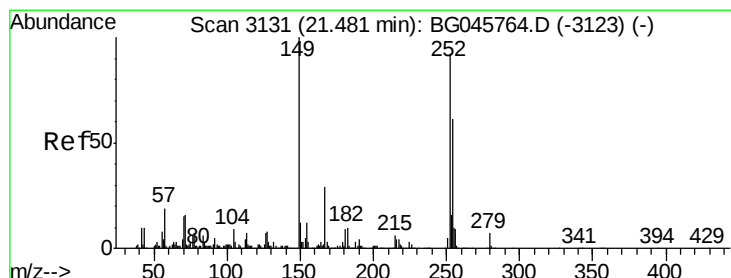
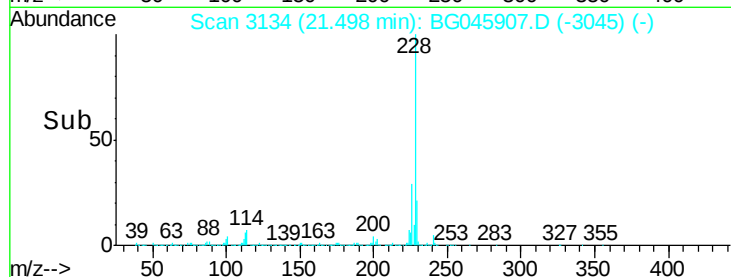
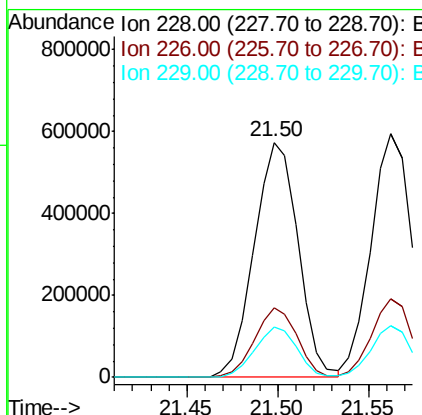
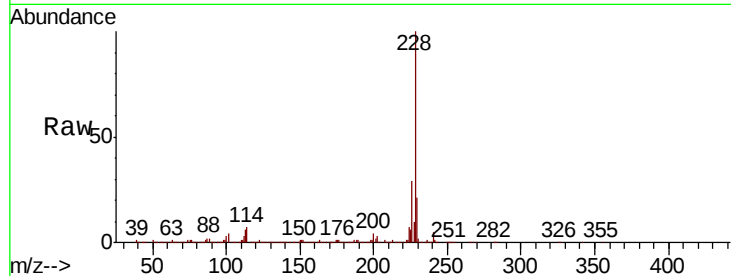




#81
Benzo(a)anthracene
Concen: 46.562 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

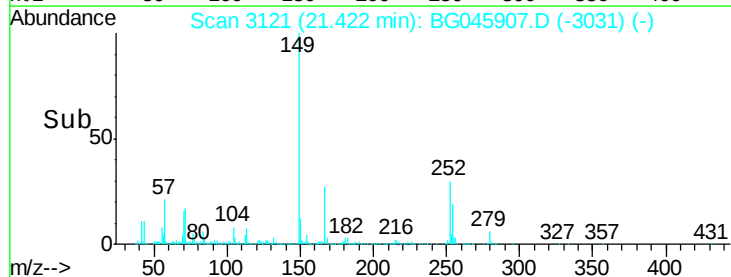
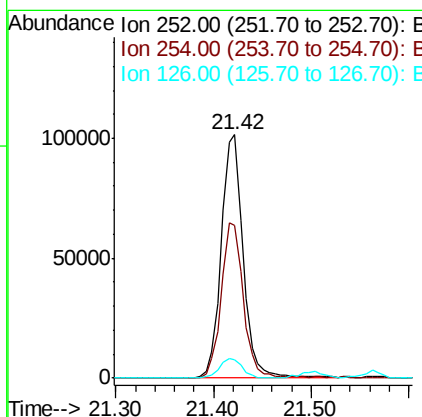
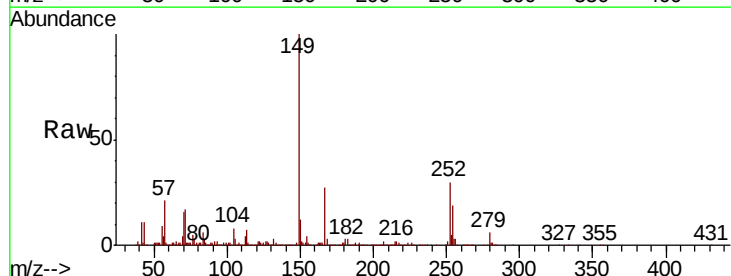
Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

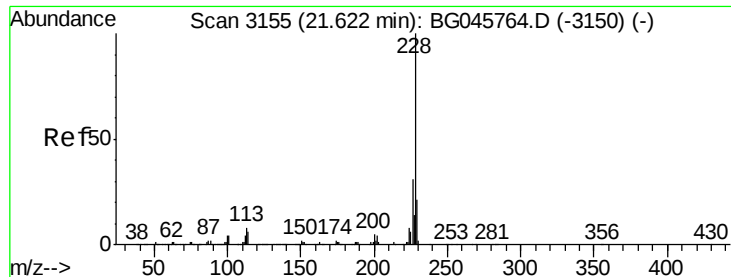
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.2	33.2
229	21.4	16.2	24.4



#82
3,3'-Dichlorobenzidine
Concen: 20.212 ng
RT: 21.42 min Scan# 3121
Delta R.T. -0.00 min
Lab File: BG045907.D
Acq: 1 Jul 2020 15:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.0	76.4
126	7.4	5.8	8.8





#83

Chrysene

Concen: 46.354 ng

RT: 21.56 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

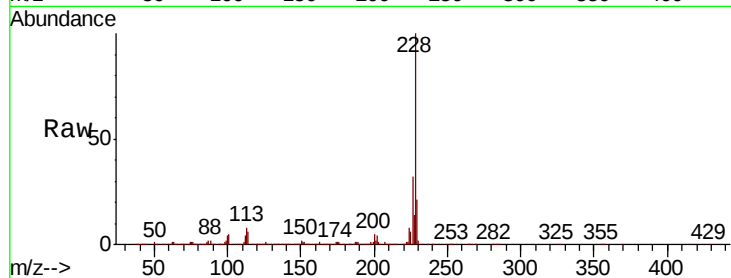
BNA_G

ClientSampleId :

SP2-FMSD

Tot Ion:228 Resp: 926397

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.8	38.6
229	21.3	16.0	24.0

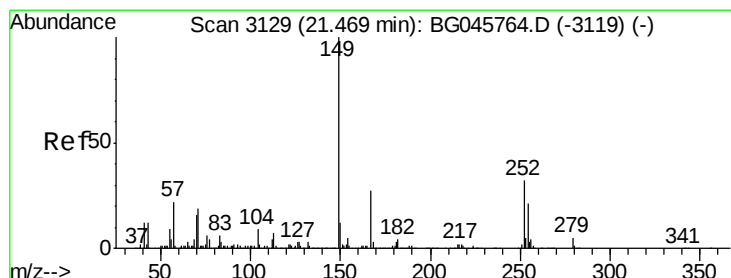
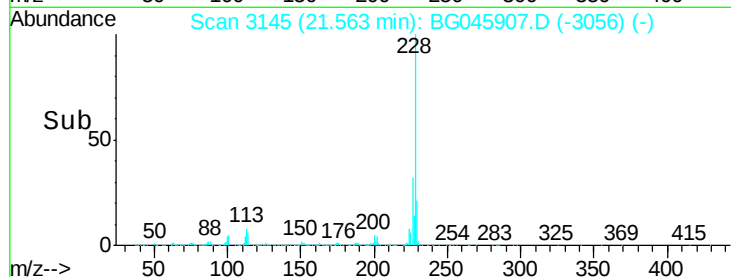
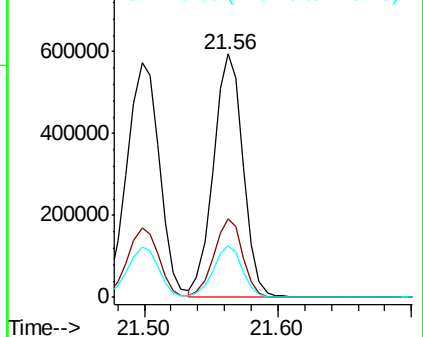


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.227 ng

RT: 21.42 min Scan# 3120

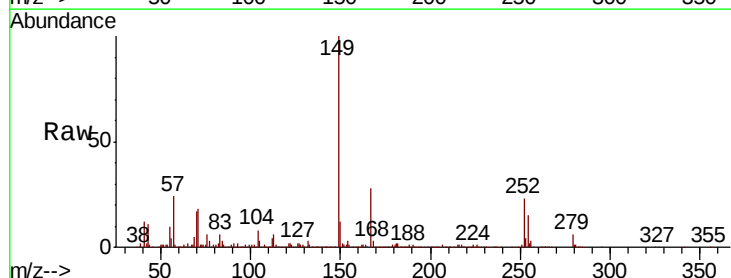
Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Tgt Ion:149 Resp: 574396

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.5	33.7
279	5.8	4.0	6.0

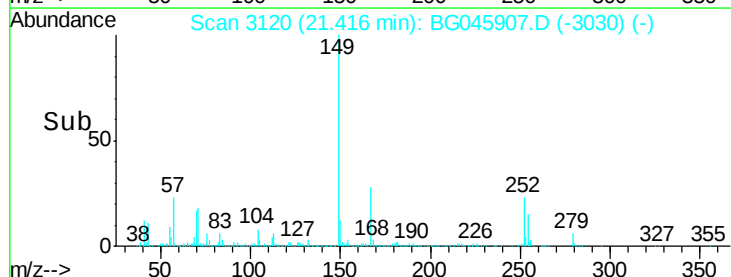
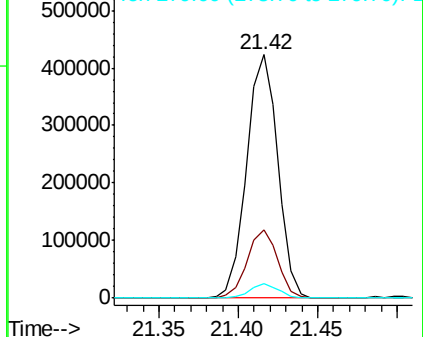


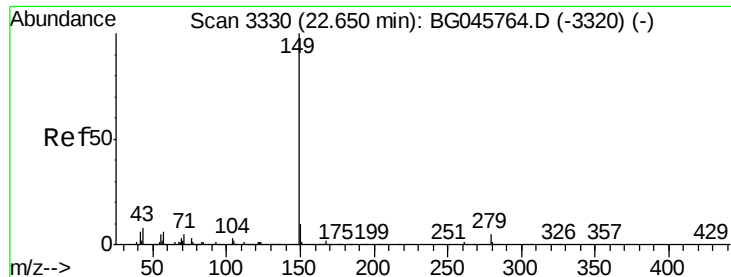
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.213 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSD

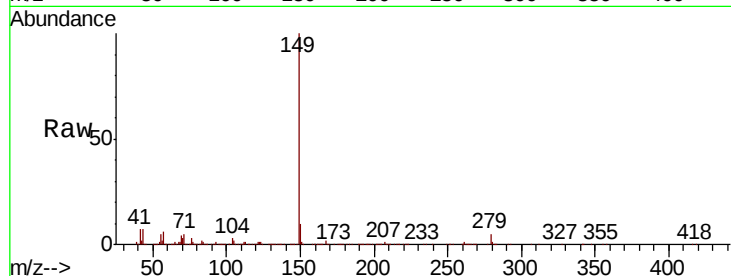
Tot Ion:149 Resp: 969054

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 7.5 6.1 9.1



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): B

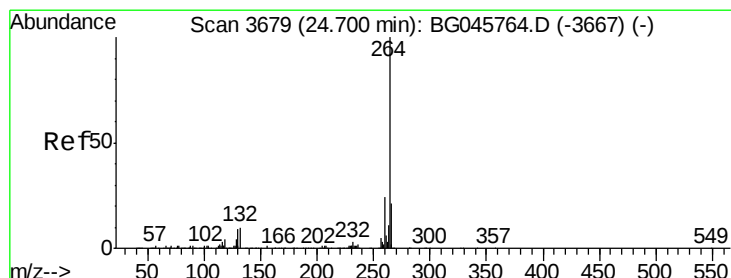
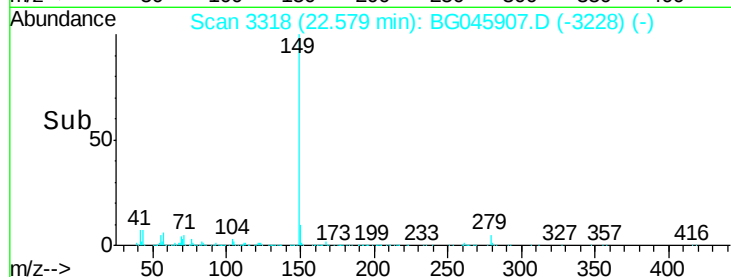
22.58

400000

200000

0

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3662

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

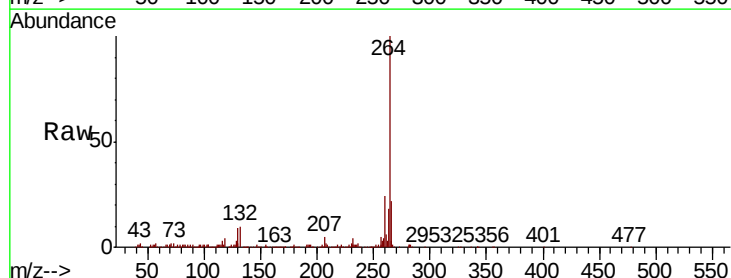
Tgt Ion:264 Resp: 331133

Ion Ratio Lower Upper

264 100

260 24.3 17.7 26.5

265 22.3 16.9 25.3



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

24.60

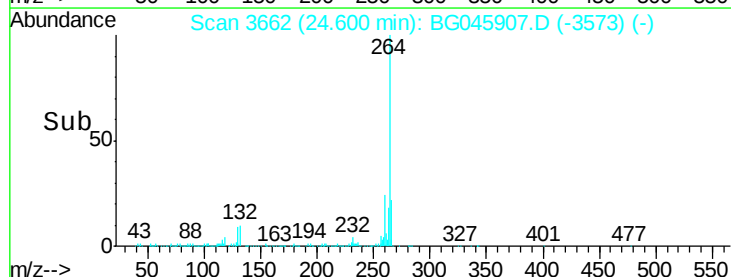
150000

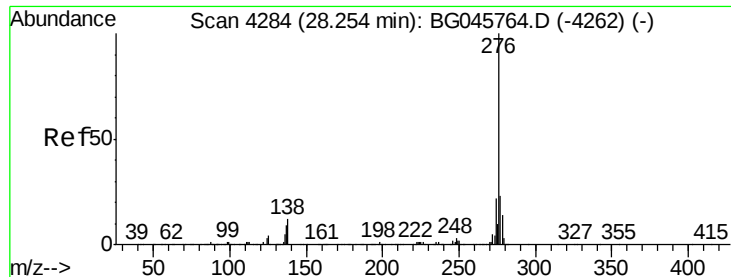
100000

50000

0

Time-->

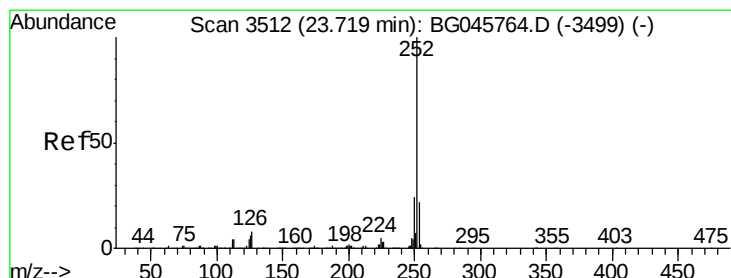
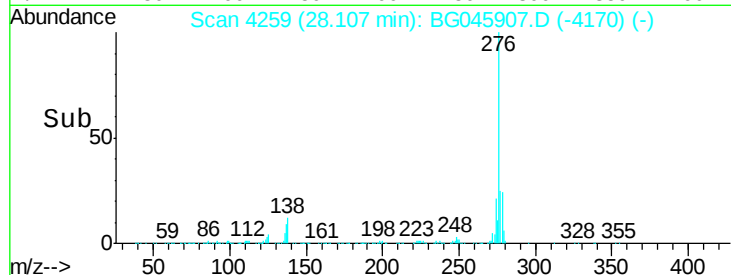
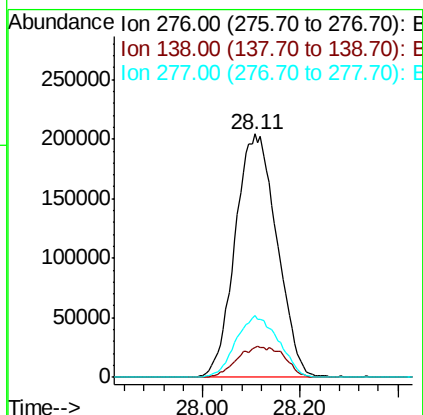
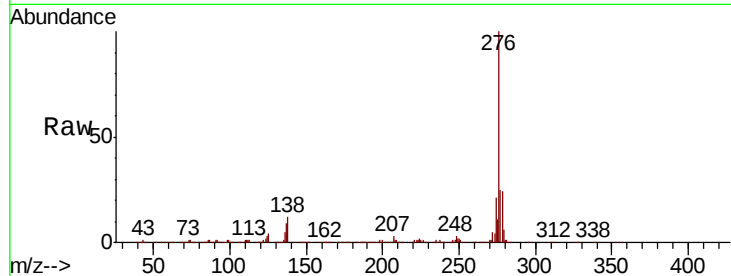




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.546 ng
 RT: 28.11 min Scan# 4259
 Delta R.T. -0.01 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

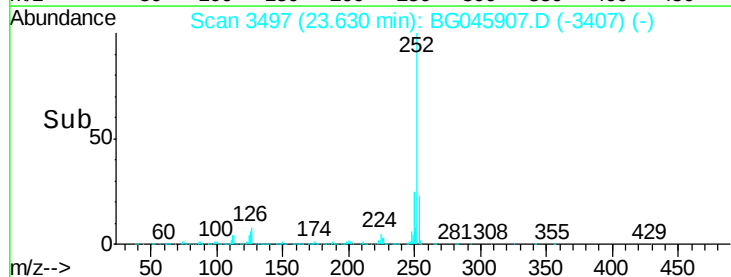
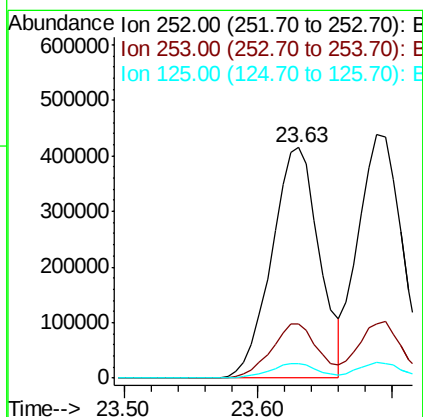
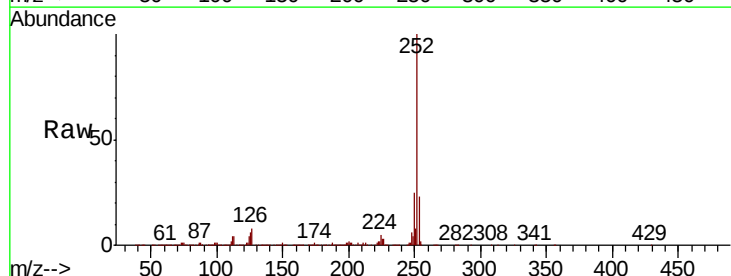
Instrument :
 BNA_G
 ClientSampleId :
 SP2-FMSD

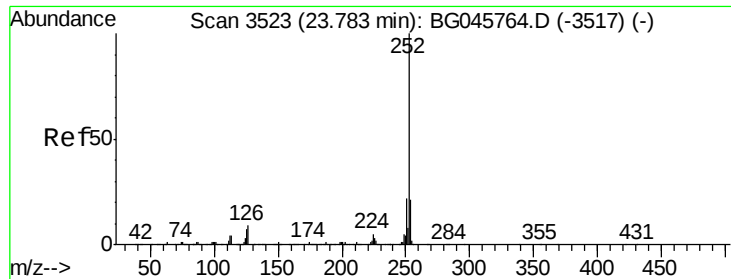
Tot Ion:276 Resp: 1213408
 Ion Ratio Lower Upper
 276 100
 138 14.4 11.8 17.8
 277 25.8 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 49.577 ng
 RT: 23.63 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: BG045907.D
 Acq: 1 Jul 2020 15:42

Tgt Ion:252 Resp: 1029318
 Ion Ratio Lower Upper
 252 100
 253 23.5 18.0 27.0
 125 6.1 4.8 7.2





#89

Benzo(k)fluoranthene

Concen: 49.821 ng

RT: 23.69 min Scan# 3507

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSD

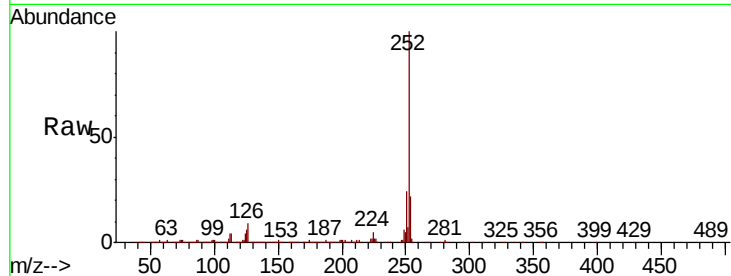
Tot Ion:252 Resp: 989974

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

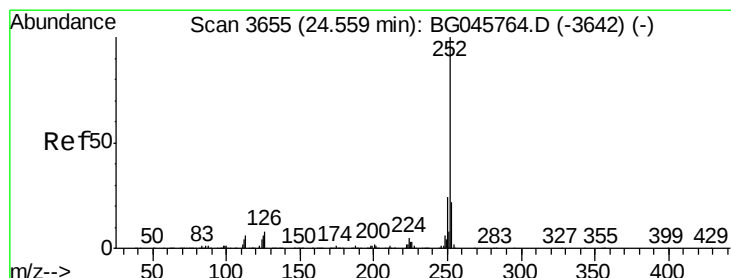
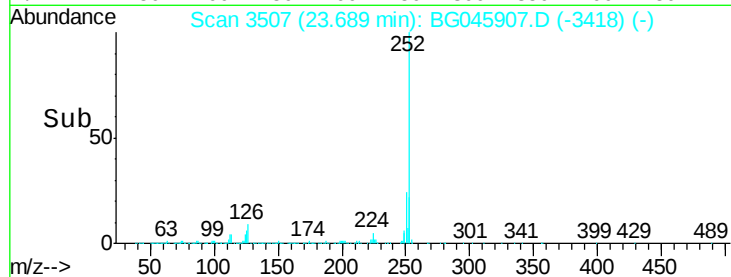
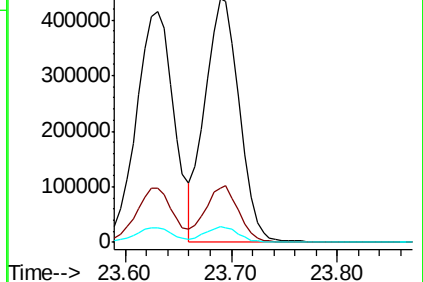
125 6.3 5.0 7.6



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



#90

Benzo(a)pyrene

Concen: 48.122 ng

RT: 24.46 min Scan# 3638

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

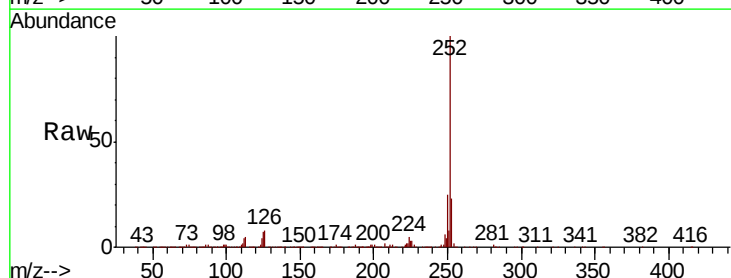
Tgt Ion:252 Resp: 933296

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

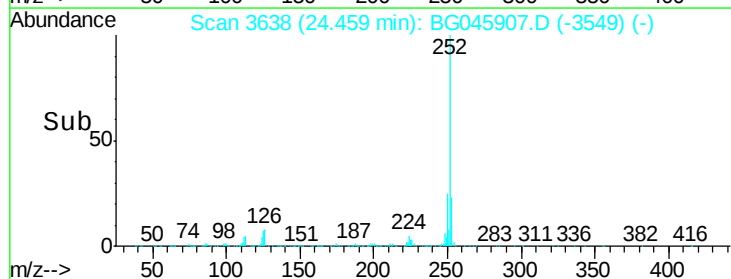
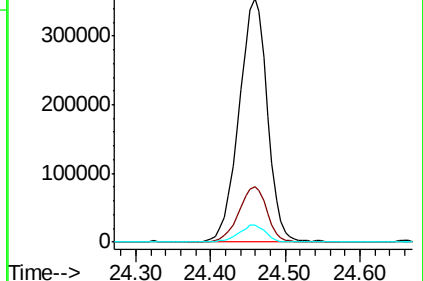
125 7.1 5.3 7.9

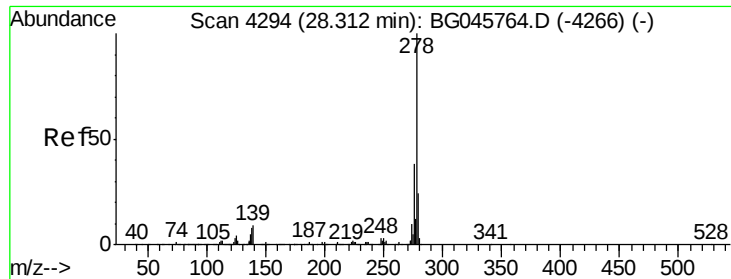


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.204 ng

RT: 28.16 min Scan# 4268

Delta R.T. -0.01 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SP2-FMSD

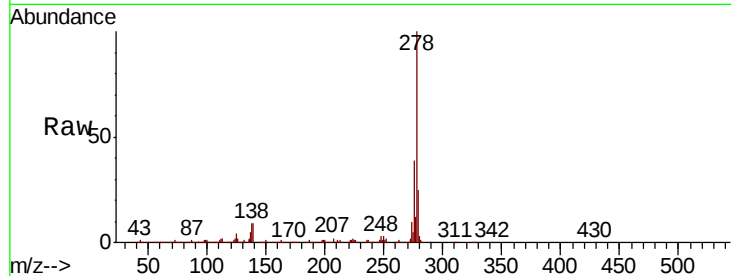
Tot Ion:278 Resp: 985698

Ion Ratio Lower Upper

278 100

139 9.4 8.0 12.0

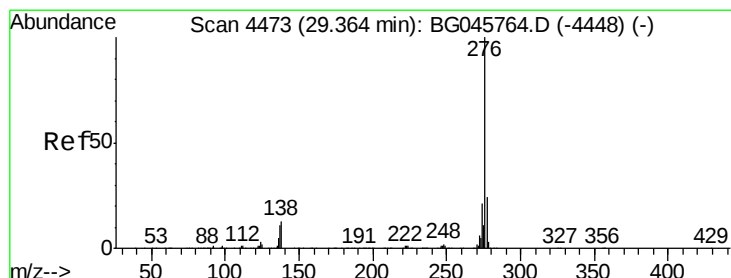
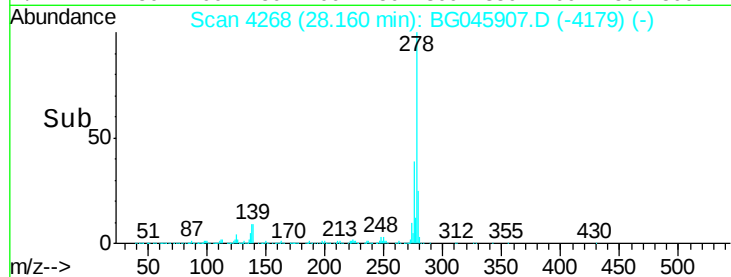
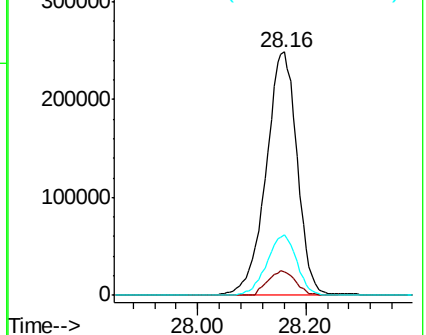
279 25.1 19.1 28.7



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: 51.314 ng

RT: 29.19 min Scan# 4444

Delta R.T. -0.00 min

Lab File: BG045907.D

Acq: 1 Jul 2020 15:42

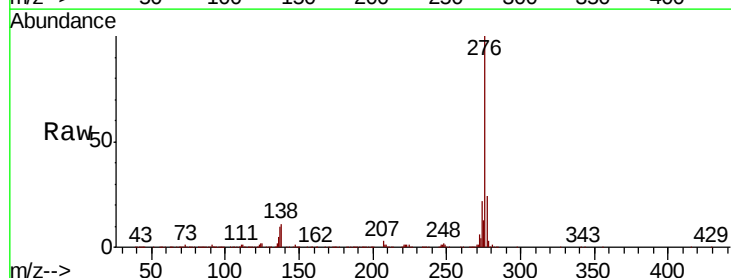
Tgt Ion:276 Resp: 988722

Ion Ratio Lower Upper

276 100

277 24.4 19.6 29.4

138 11.0 9.0 13.4



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

