

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045916.D
 Acq On : 2 Jul 2020 16:03
 Operator : CG/JU
 Sample : L3153-44MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMSD

Quant Time: Jul 03 00:35:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	52488	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	203268	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	150242	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	357332	20.00	ng	0.00
76) Chrysene-d12	21.52	240	337119	20.00	ng	0.00
86) Perylene-d12	24.60	264	354968	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	381242	122.70	ng	0.00
7) Phenol-d6	7.07	99	492880	104.28	ng	0.00
23) Nitrobenzene-d5	9.02	82	403147	90.61	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	280386	123.61	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	898835	87.92	ng	0.00
79) Terphenyl-d14	19.88	244	1550443	93.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	56339	39.588	ng	# 68
3) Pyridine	3.70	79	146489	34.737	ng	93
4) n-Nitrosodimethylamine	3.60	42	67703	47.828	ng	99
6) Aniline	7.18	93	122535	22.019	ng	94
8) 2-Chlorophenol	7.44	128	155780	46.838	ng	100
9) Benzaldehyde	6.98	77	60266	21.230	ng	96
10) Phenol	7.10	94	179344	39.162	ng	99
11) bis(2-Chloroethyl)ether	7.28	93	153366	44.091	ng	99
12) 1,3-Dichlorobenzene	7.74	146	179395	45.262	ng	97
13) 1,4-Dichlorobenzene	7.89	146	181612	45.874	ng	98
14) 1,2-Dichlorobenzene	8.21	146	170232	44.915	ng	98
15) Benzyl Alcohol	8.11	79	170532	46.625	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.39	45	147753	45.070	ng	99
17) 2-Methylphenol	8.34	107	138464	40.628	ng	99
18) Hexachloroethane	8.93	117	70677	47.005	ng	94
19) n-Nitroso-di-n-propylamine	8.66	70	146218	47.057	ng	98
20) 3+4-Methylphenols	8.67	107	184464	41.155	ng	92
22) Acetophenone	8.68	105	254833	45.676	ng	# 97
24) Nitrobenzene	9.06	77	217220	45.786	ng	97
25) Isophorone	9.59	82	397509	46.148	ng	99
26) 2-Nitrophenol	9.77	139	90593	45.835	ng	99
27) 2,4-Dimethylphenol	9.86	122	142615	47.261	ng	96
28) bis(2-Chloroethoxy)methane	10.07	93	216928	48.212	ng	98
29) 2,4-Dichlorophenol	10.34	162	161965	46.004	ng	96
30) 1,2,4-Trichlorobenzene	10.53	180	189215	45.398	ng	100
31) Naphthalene	10.71	128	502950	45.258	ng	99
32) Benzoic acid	10.06	122	60533	34.123	ng	90
33) 4-Chloroaniline	10.84	127	25189	5.413	ng	92
34) Hexachlorobutadiene	11.00	225	132257	44.618	ng	97
35) Caprolactam	11.60	113	27126	23.809	ng	94
36) 4-Chloro-3-methylphenol	12.00	107	189787	46.688	ng	97
37) 2-Methylnaphthalene	12.32	142	383491	46.342	ng	98
38) 1-Methylnaphthalene	12.55	142	366439	46.794	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	219708	44.411	ng	98

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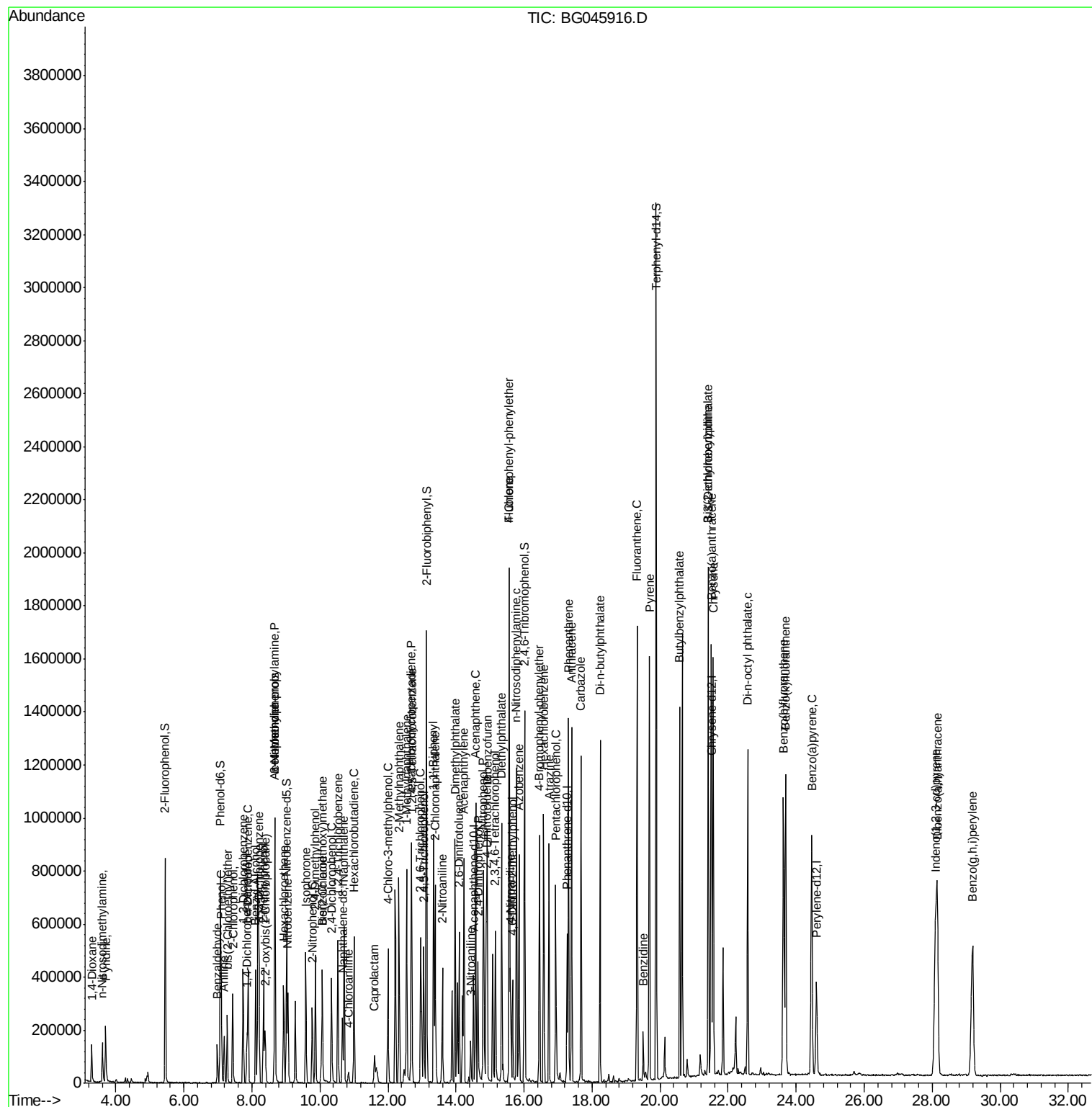
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	229577	83.591	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	144630	43.120	ng	100
44) 2,4,5-Trichlorophenol	13.05	196	147848	38.676	ng	97
46) 1,1'-Biphenyl	13.34	154	492943	45.828	ng	99
47) 2-Chloronaphthalene	13.39	162	385106	44.322	ng	99
48) 2-Nitroaniline	13.60	65	132825	45.956	ng	94
49) Acenaphthylene	14.23	152	627803	45.109	ng	99
50) Dimethylphthalate	13.97	163	595103	50.561	ng	100
51) 2,6-Dinitrotoluene	14.09	165	119064	45.039	ng	# 86
52) Acenaphthene	14.58	154	383233	45.428	ng	99
53) 3-Nitroaniline	14.43	138	42273	16.010	ng	95
54) 2,4-Dinitrophenol	14.64	184	123304	83.386	ng	97
55) Dibenzofuran	14.91	168	616644	44.996	ng	99
56) 4-Nitrophenol	14.80	139	127203	67.873	ng	91
57) 2,4-Dinitrotoluene	14.89	165	175500	46.335	ng	96
58) Fluorene	15.57	166	526508	46.203	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	135307	40.781	ng	98
60) Diethylphthalate	15.34	149	566094	47.049	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	293651	44.710	ng	99
62) 4-Nitroaniline	15.60	138	118645	43.781	ng	97
63) Azobenzene	15.85	77	546518	47.305	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	102072	46.222	ng	98
66) n-Nitrosodiphenylamine	15.78	169	468223	46.262	ng	97
67) 4-Bromophenyl-phenylether	16.45	248	204325	44.007	ng	98
68) Hexachlorobenzene	16.58	284	223531	46.428	ng	97
69) Atrazine	16.73	200	181319	46.168	ng	97
70) Pentachlorophenol	16.94	266	155115	66.727	ng	96
71) Phenanthrene	17.31	178	843915	45.793	ng	98
72) Anthracene	17.40	178	865286	47.150	ng	99
73) Carbazole	17.68	167	804753	46.055	ng	99
74) Di-n-butylphthalate	18.23	149	969660	46.866	ng	99
75) Fluoranthene	19.32	202	1055268	46.566	ng	100
77) Benzidine	19.50	184	125079	14.272	ng	99
78) Pyrene	19.68	202	1047167	46.387	ng	99
80) Butylbenzylphthalate	20.58	149	435502	46.089	ng	96
81) Benzo(a)anthracene	21.50	228	1000723	45.786	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	181551	21.960	ng	96
83) Chrysene	21.56	228	968547	45.815	ng	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	615145	46.802	ng	100
85) Di-n-octyl phthalate	22.58	149	1058165	46.674	ng	100
87) Indeno(1,2,3-cd)pyrene	28.09	276	1283178	49.864	ng	# 97
88) Benzo(b)fluoranthene	23.63	252	1093925	49.151	ng	99
89) Benzo(k)fluoranthene	23.69	252	1049364	49.264	ng	98
90) Benzo(a)pyrene	24.45	252	998149	48.010	ng	100
91) Dibenzo(a,h)anthracene	28.15	278	1030895	49.956	ng	98
92) Benzo(g,h,i)perylene	29.18	276	1035829	50.149	ng	99

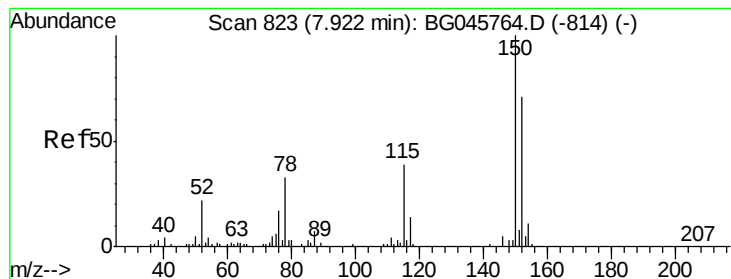
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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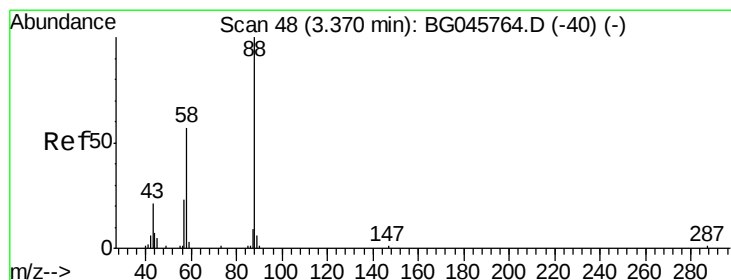
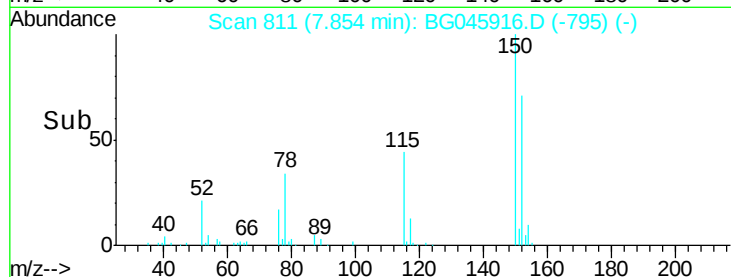
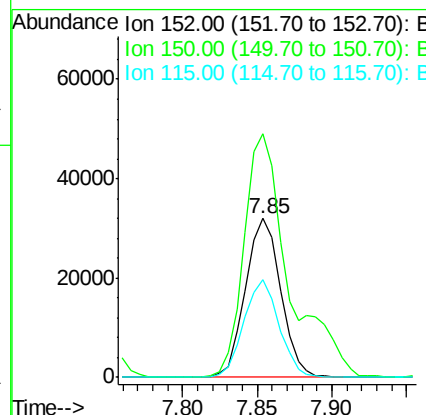
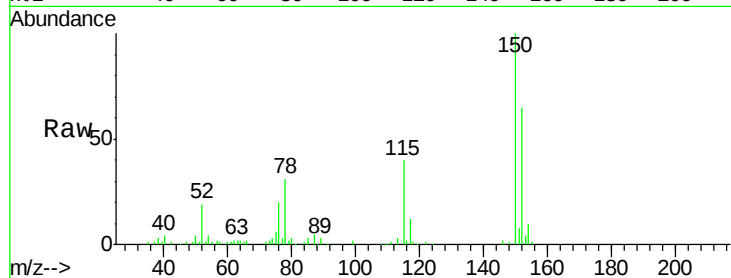


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

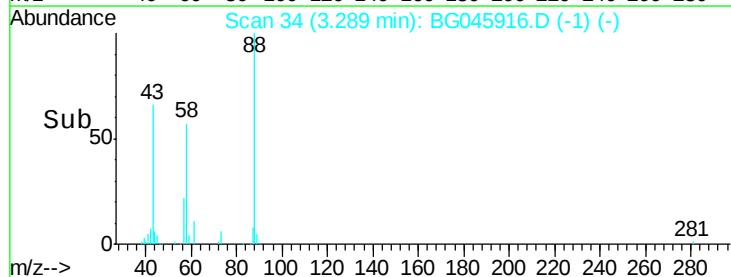
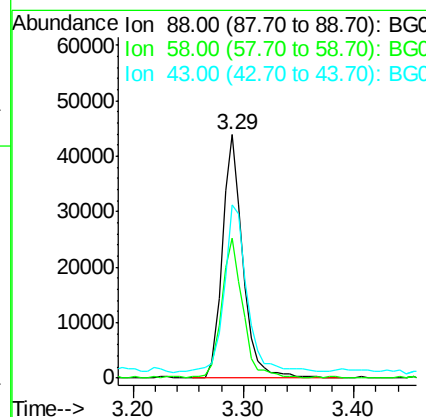
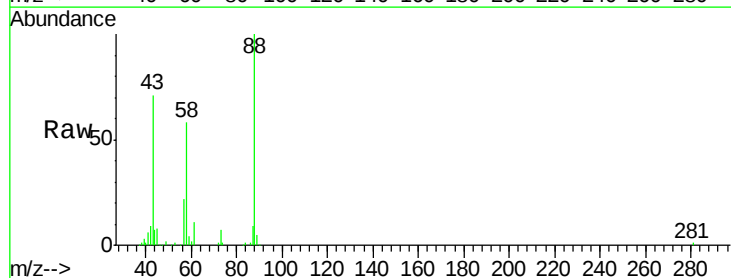
Tot Ion:152 Resp: 52488
Ion Ratio Lower Upper
152 100
150 153.5 124.5 186.7
115 61.7 45.8 68.8

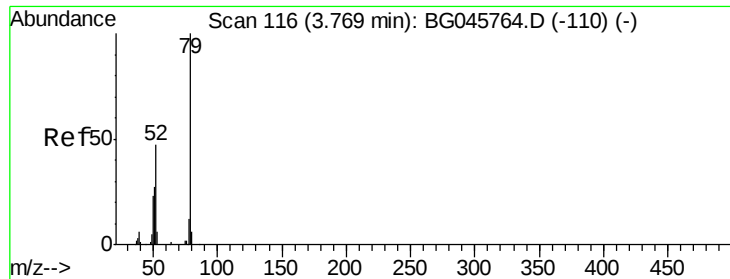


#2

1,4-Dioxane
Concen: 39.588 ng
RT: 3.29 min Scan# 34
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion: 88 Resp: 56339
Ion Ratio Lower Upper
88 100
58 60.9 47.1 70.7
43 75.6 19.4 29.2#





#3

Pvridine

Concen: 34.737 ng

RT: 3.70 min Scan# 104

Delta R.T. 0.01 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

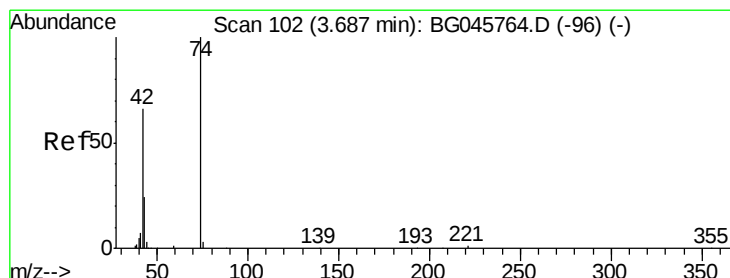
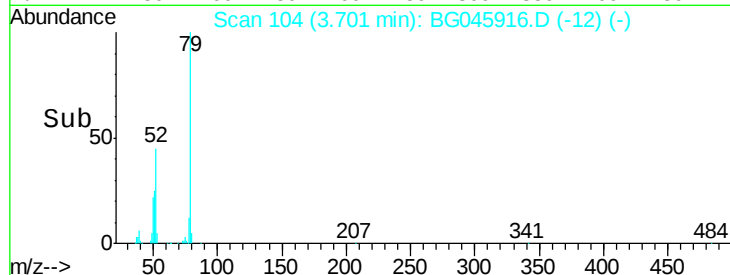
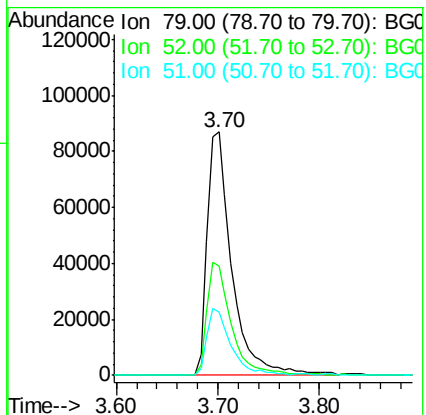
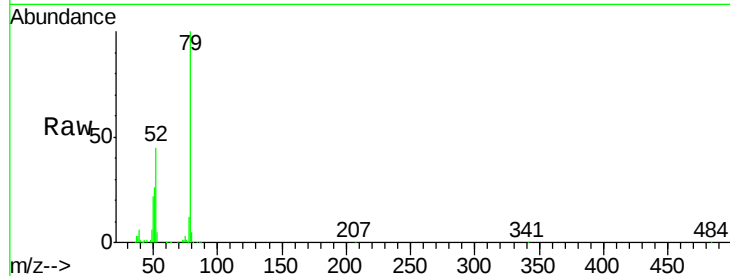
Tot Ion: 79 Resp: 146489

Ion Ratio Lower Upper

79 100

52 45.0 41.0 61.4

51 26.2 23.0 34.4



#4

n-Nitrosodimethylamine

Concen: 47.828 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

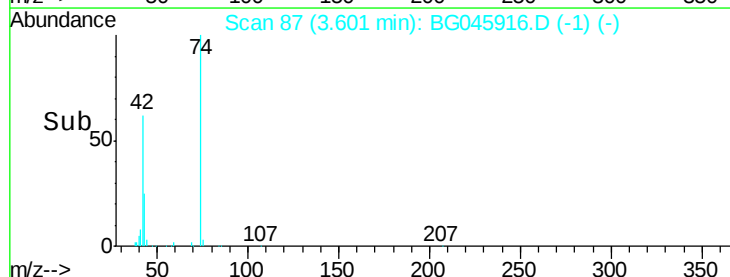
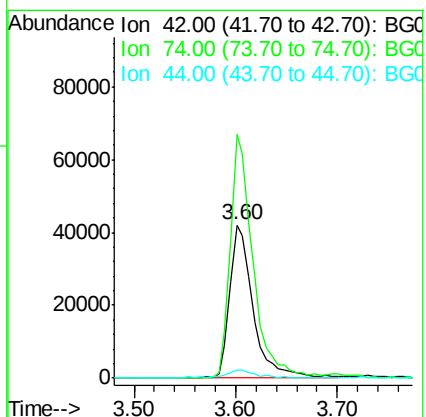
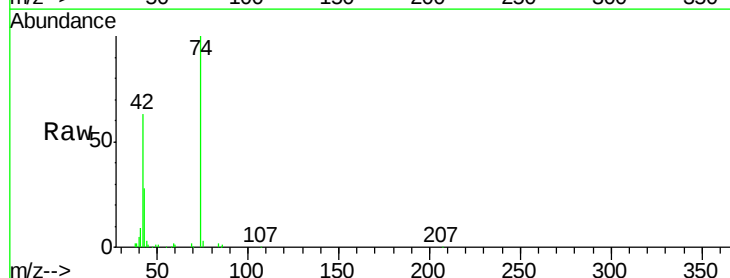
Tgt Ion: 42 Resp: 67703

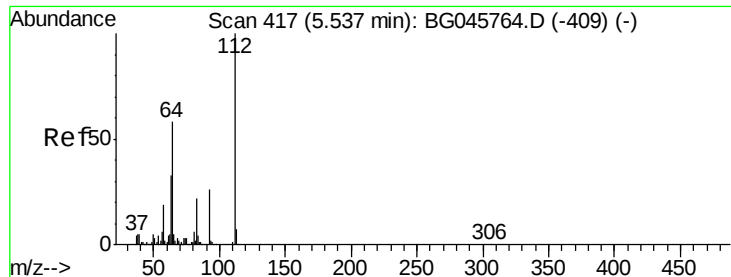
Ion Ratio Lower Upper

42 100

74 159.0 127.8 191.6

44 5.1 4.1 6.1





#5

2-Fluorophenol

Concen: 122.696 ng

RT: 5.45 min Scan# 402

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

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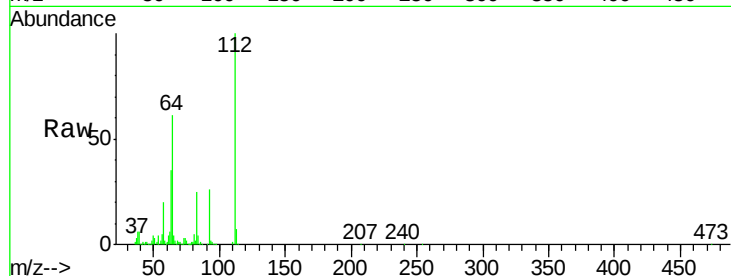
Tot Ion:112 Resp: 381242

Ion Ratio Lower Upper

112 100

64 60.8 44.9 67.3

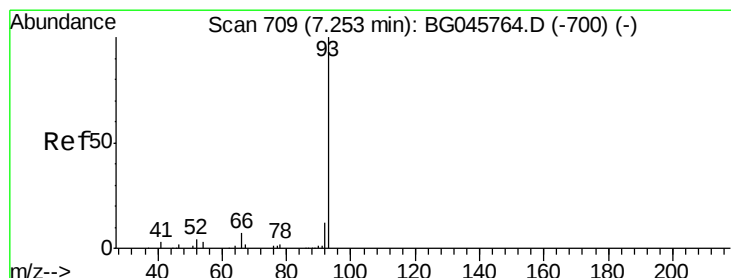
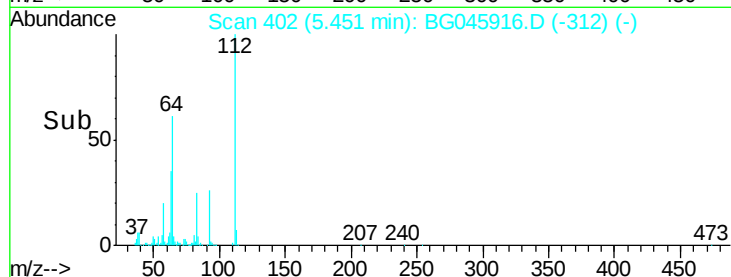
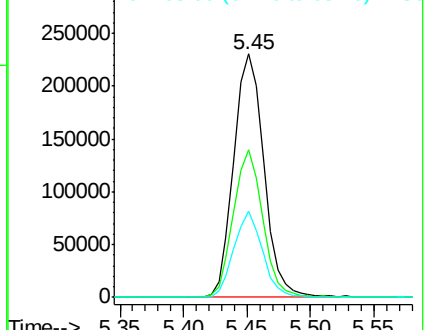
63 35.3 26.9 40.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.019 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

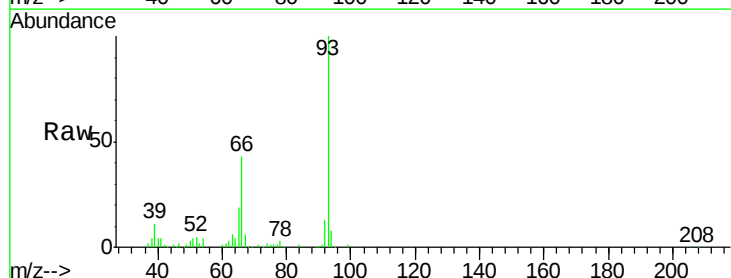
Tgt Ion: 93 Resp: 122535

Ion Ratio Lower Upper

93 100

66 42.6 30.4 45.6

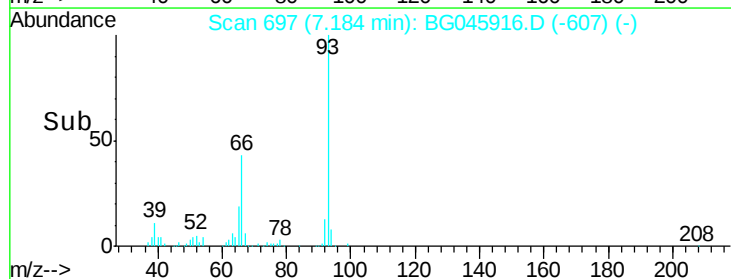
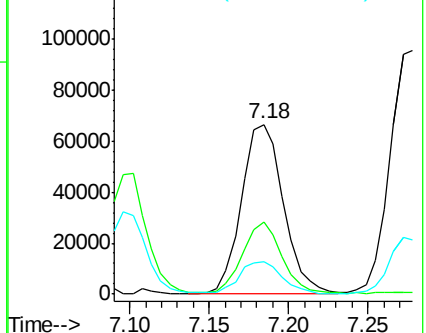
65 19.2 16.2 24.2

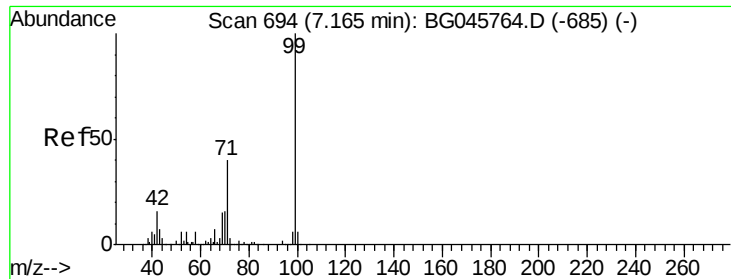


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.284 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

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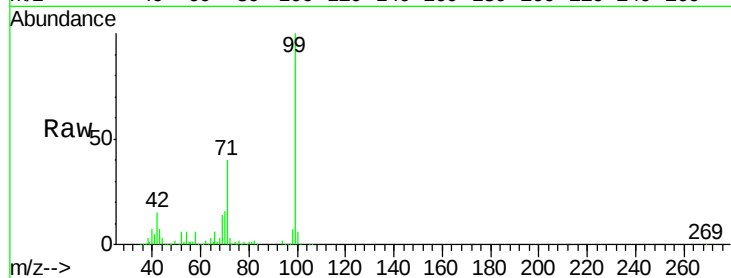
Tot Ion: 99 Resp: 492880

Ion Ratio Lower Upper

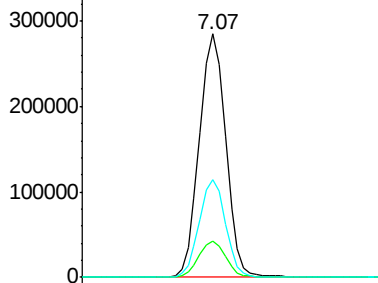
99 100

42 14.9 11.8 17.8

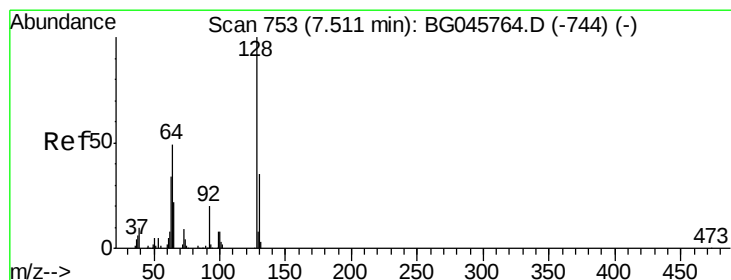
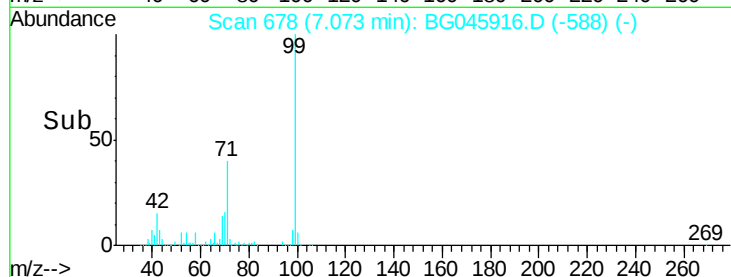
71 40.1 31.0 46.6



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



Time-->



#8

2-Chlorophenol

Concen: 46.838 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

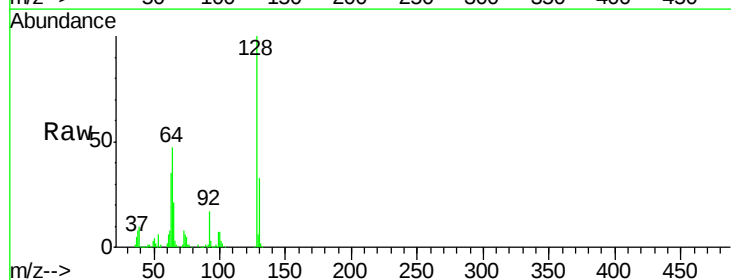
Tgt Ion: 128 Resp: 155780

Ion Ratio Lower Upper

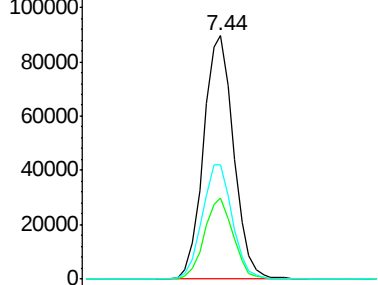
128 100

130 33.2 13.7 53.7

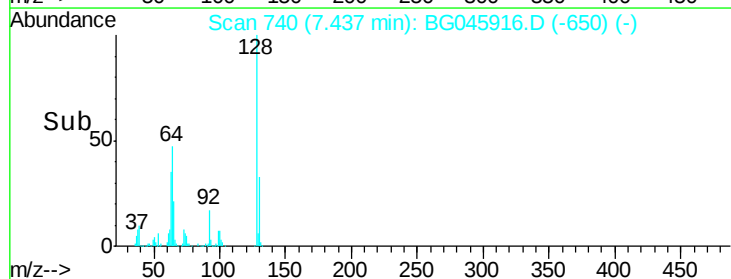
64 46.7 26.7 66.7

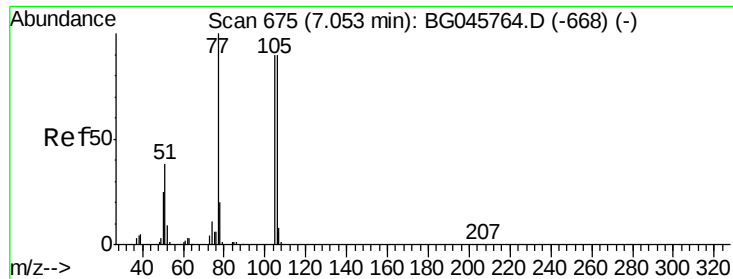


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 21.230 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.01 min

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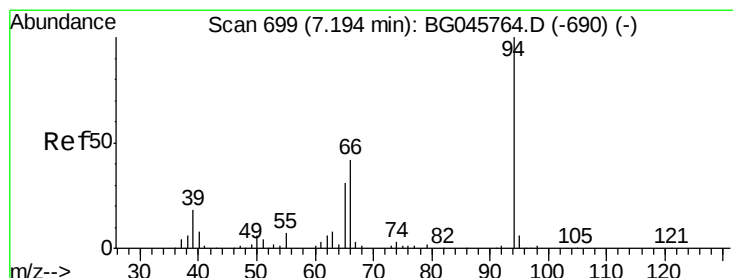
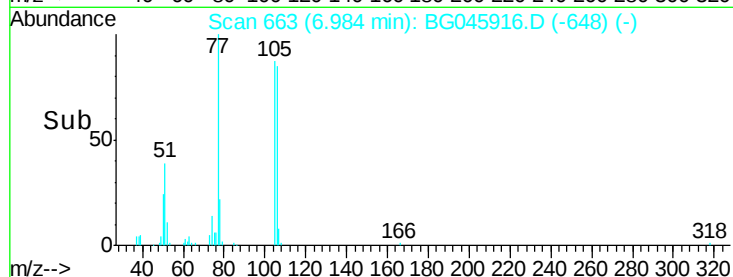
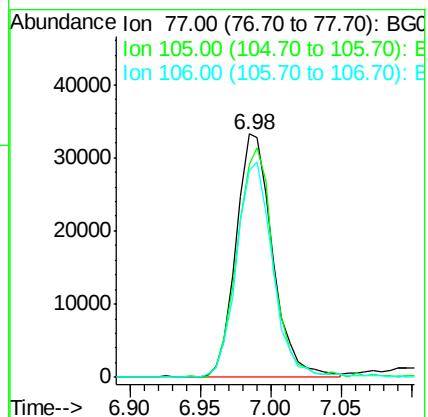
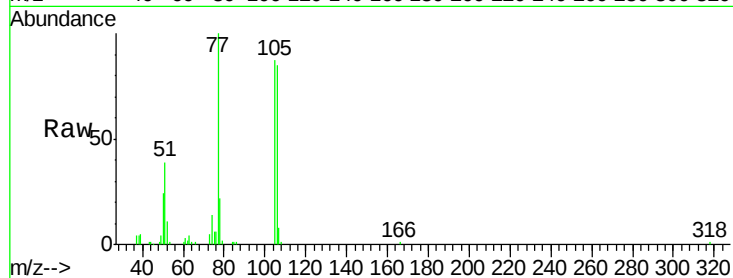
Tot Ion: 77 Resp: 60266

Ion Ratio Lower Upper

77 100

105 87.5 69.6 109.6

106 85.0 69.9 109.9



#10

Phenol

Concen: 39.162 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

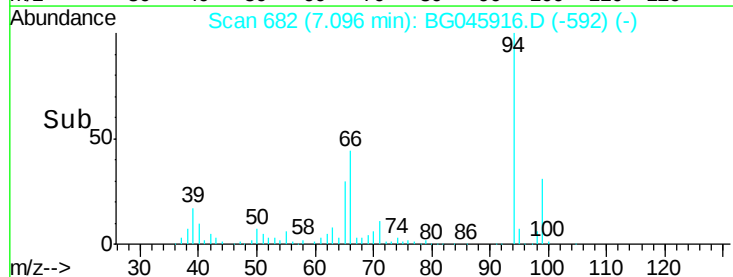
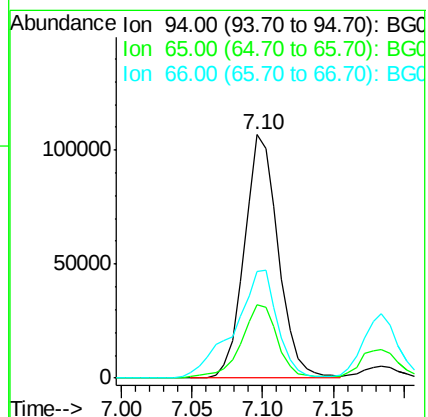
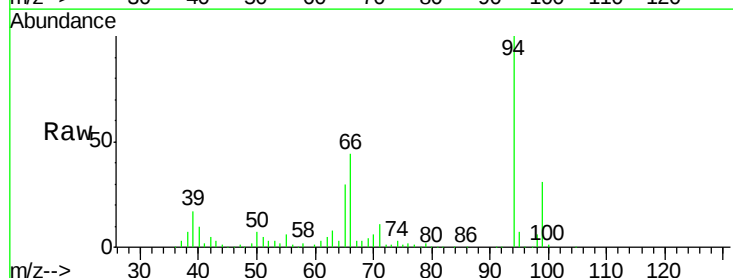
Tgt Ion: 94 Resp: 179344

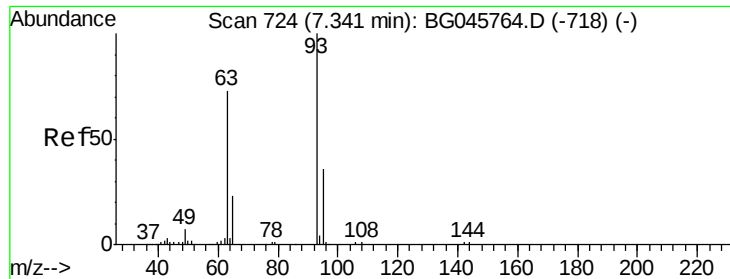
Ion Ratio Lower Upper

94 100

65 30.4 9.4 49.4

66 43.9 24.6 64.6

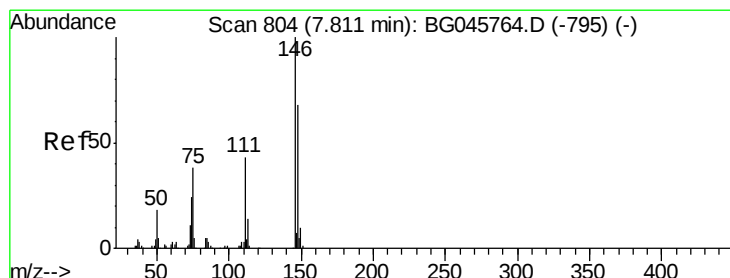
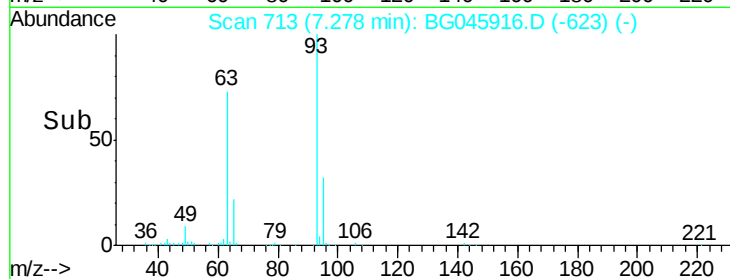
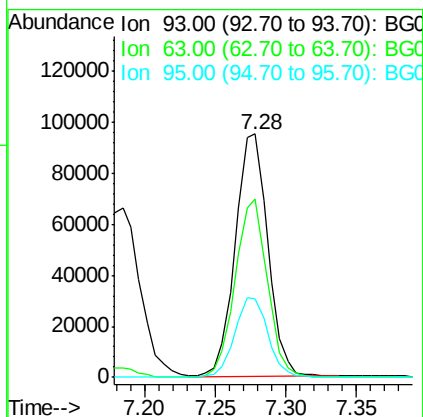
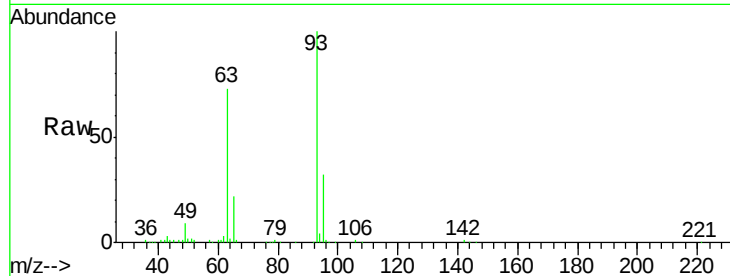




#11
bis(2-Chloroethyl)ether
Concen: 44.091 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

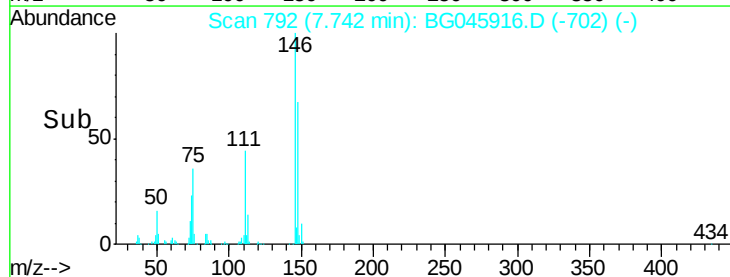
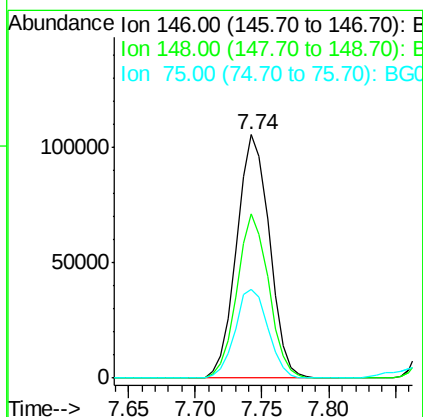
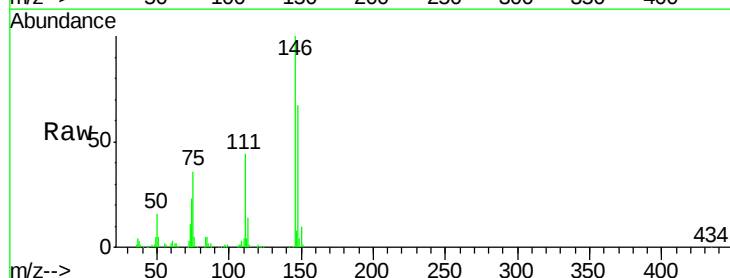
Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

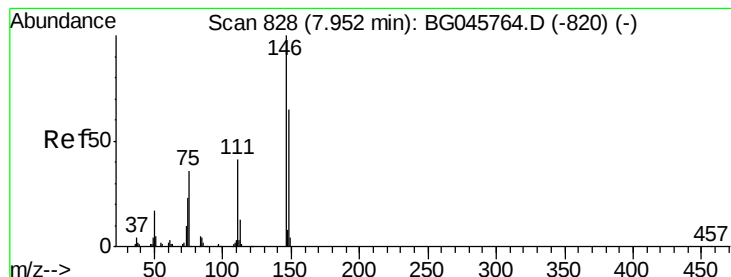
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.5	52.8	92.8
95	32.0	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 45.262 ng
RT: 7.74 min Scan# 792
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	55.1	82.7
75	36.2	31.4	47.0





#13

1,4-Dichlorobenzene

Concen: 45.874 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

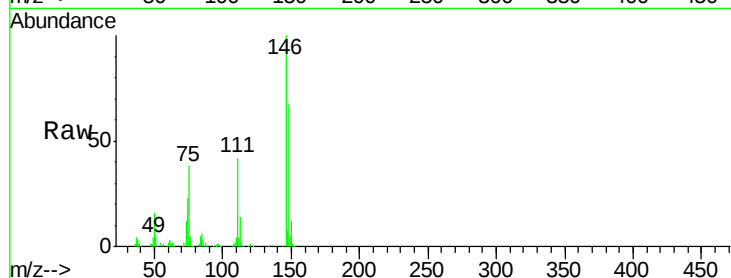
Tot Ion:146 Resp: 181612

Ion Ratio Lower Upper

146 100

148 66.8 54.2 81.4

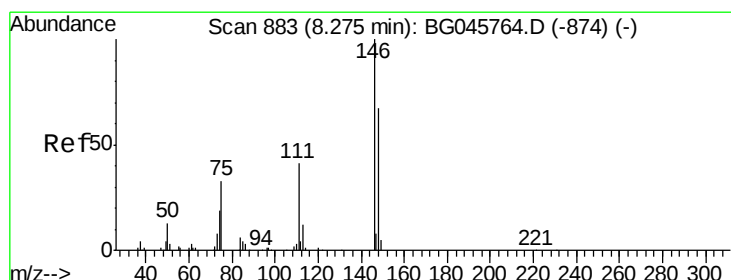
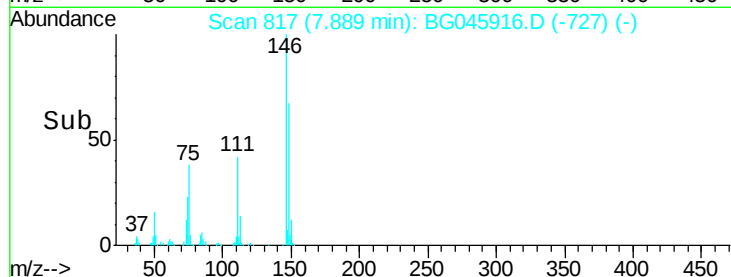
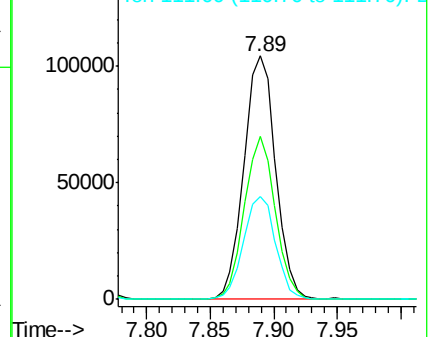
111 42.3 35.1 52.7



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: 44.915 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

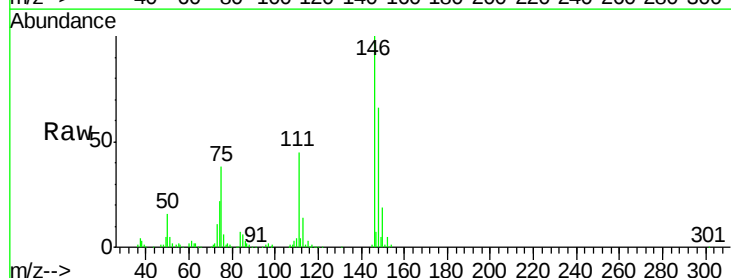
Tgt Ion:146 Resp: 170232

Ion Ratio Lower Upper

146 100

148 65.9 53.3 79.9

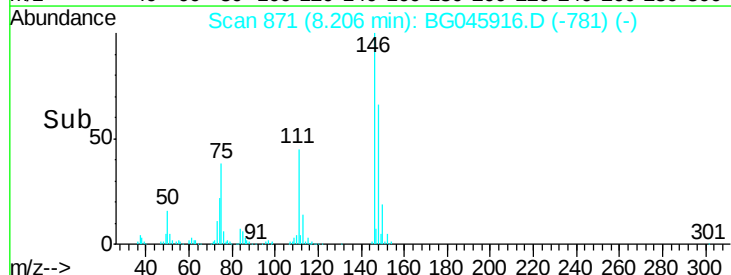
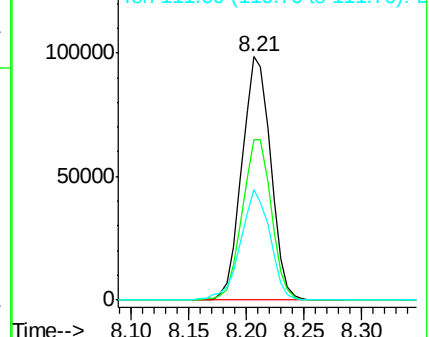
111 45.3 34.4 51.6

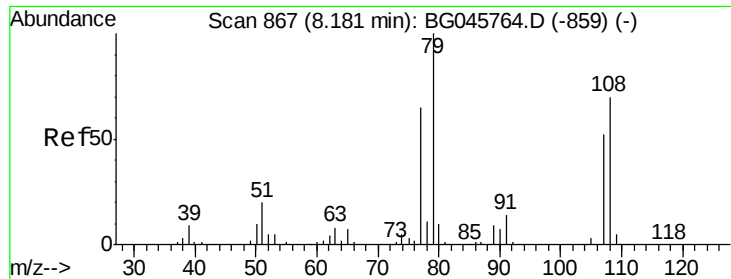


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.625 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

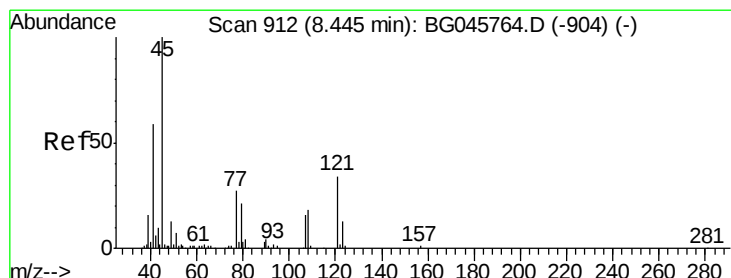
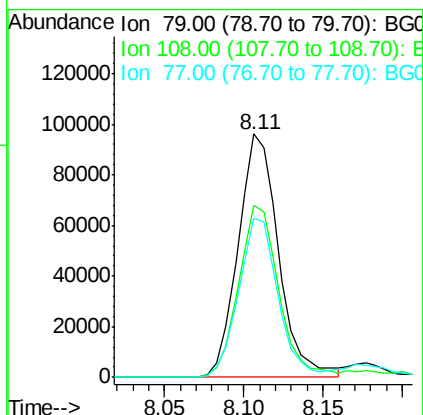
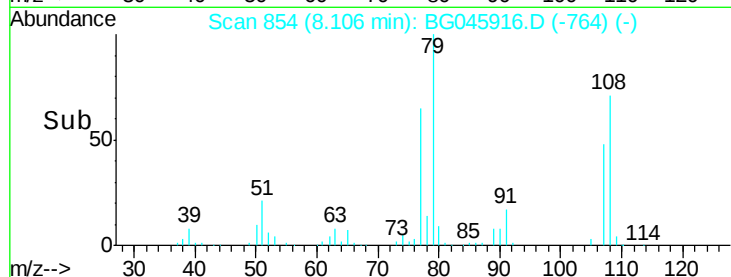
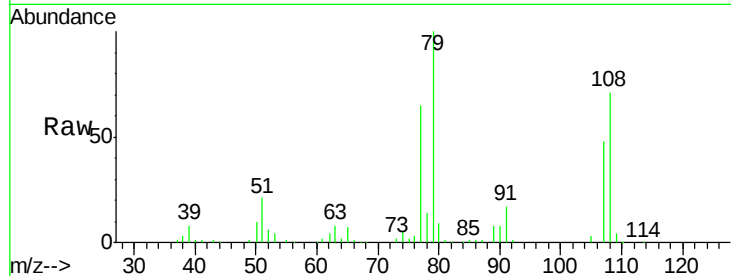
Tot Ion: 79 Resp: 170532

Ion Ratio Lower Upper

79 100

108 70.6 50.7 76.1

77 65.4 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.070 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

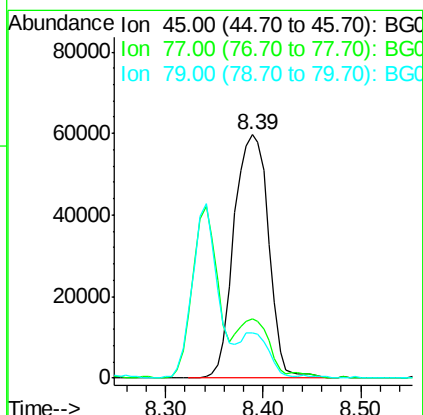
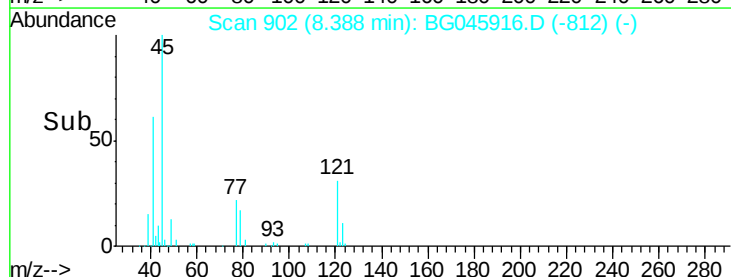
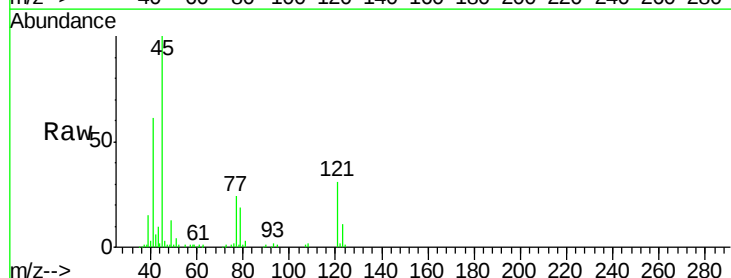
Tgt Ion: 45 Resp: 147753

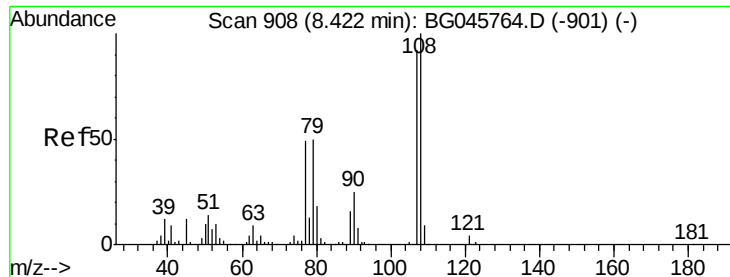
Ion Ratio Lower Upper

45 100

77 24.1 4.1 44.1

79 18.5 0.0 38.0





#17

2-Methylphenol

Concen: 40.628 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

Tot Ion:107 Resp: 138464

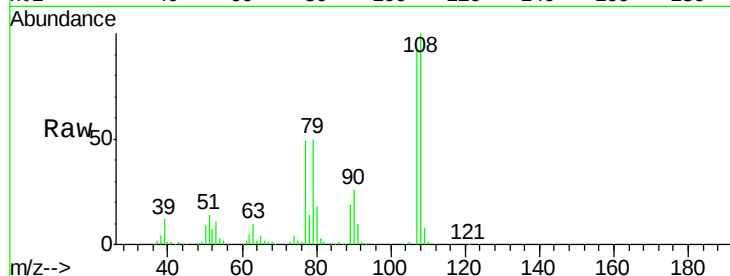
Ion Ratio Lower Upper

107 100

108 109.0 87.1 130.7

77 53.1 43.7 65.5

79 54.1 42.5 63.7

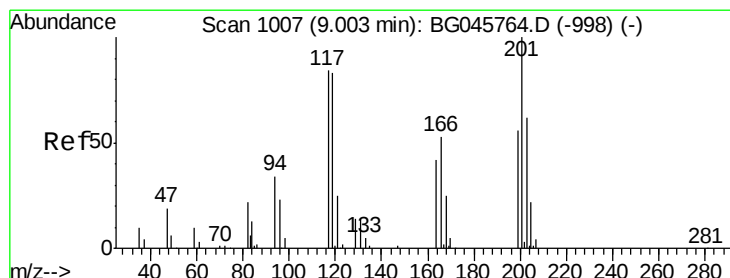
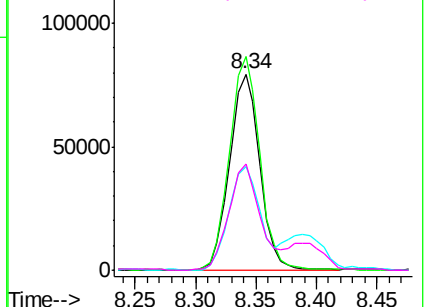
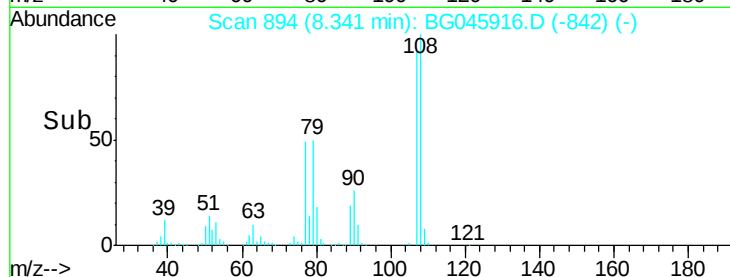


Abundance Ion 107.00 (106.70 to 107.70): E

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: 47.005 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

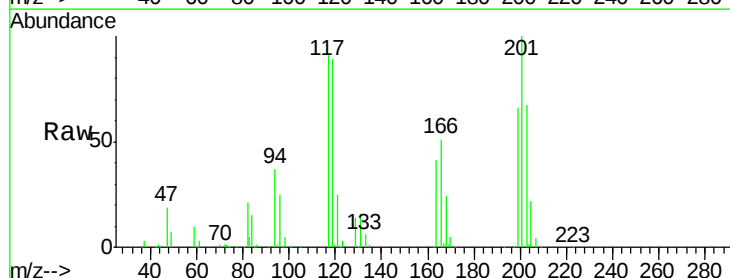
Tgt Ion:117 Resp: 70677

Ion Ratio Lower Upper

117 100

119 97.9 74.6 111.8

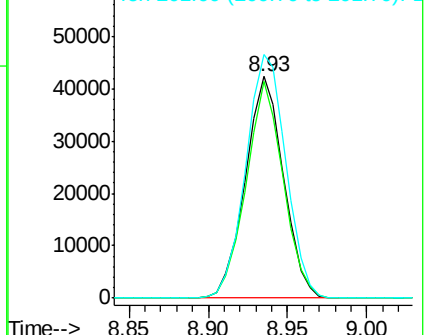
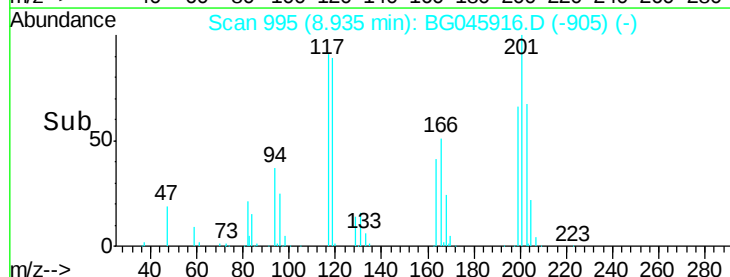
201 110.0 94.6 141.8

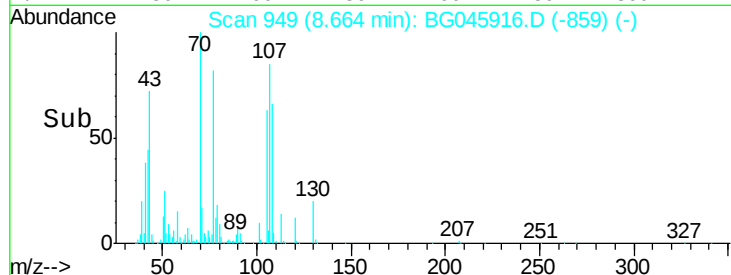
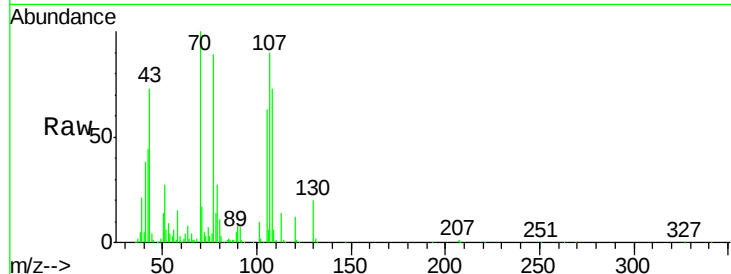
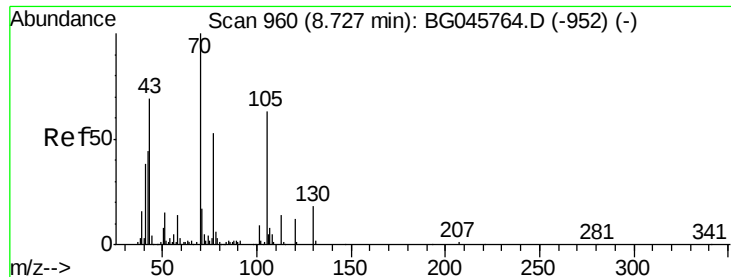


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

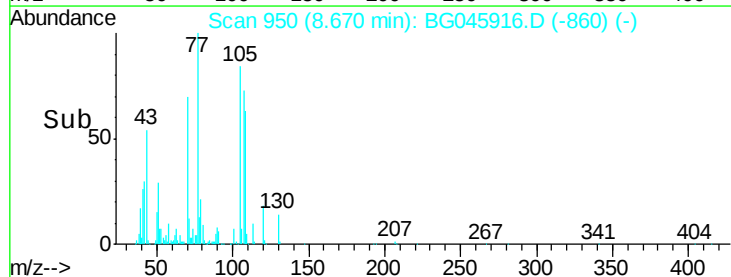
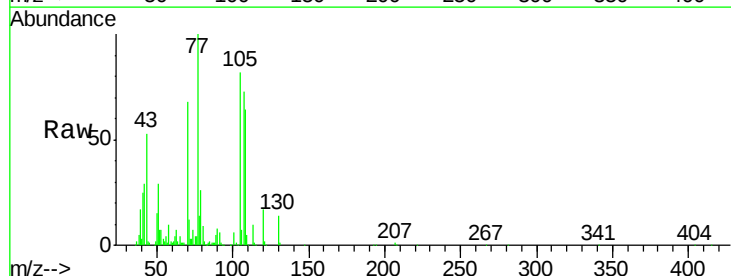
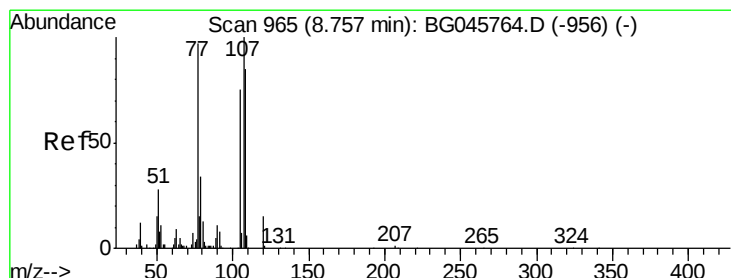
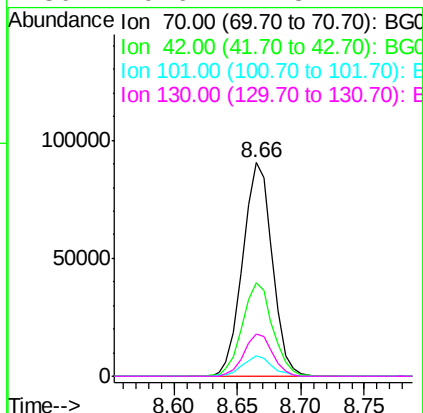




#19
n-Nitroso-di-n-propylamine
Concen: 47.057 ng
RT: 8.66 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

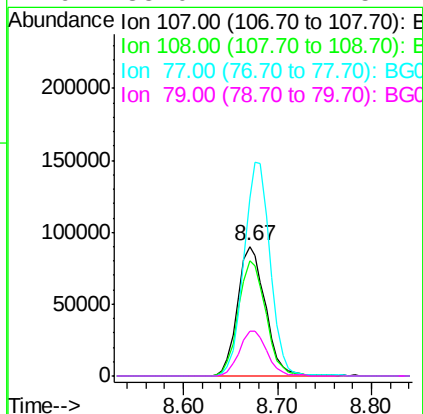
Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

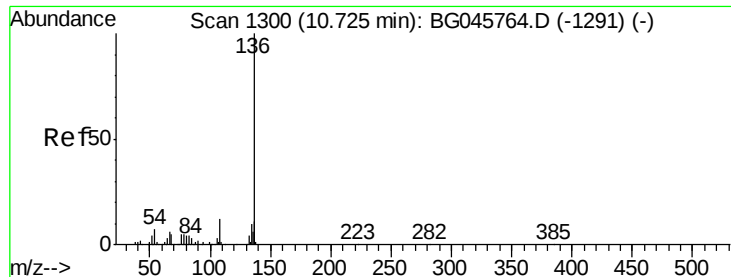
Tot Ion:	70	Resp:	146218
Ion	Ratio	Lower	Upper
70	100		
42	43.9	35.6	53.4
101	9.8	6.6	10.0
130	19.6	14.8	22.2



#20
3+4-Methylphenols
Concen: 41.155 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion:	107	Resp:	184464
Ion	Ratio	Lower	Upper
107	100		
108	88.3	69.4	109.4
77	136.9	101.0	141.0
79	35.0	14.4	54.4

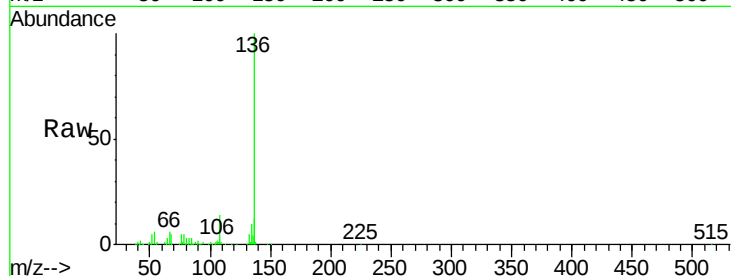




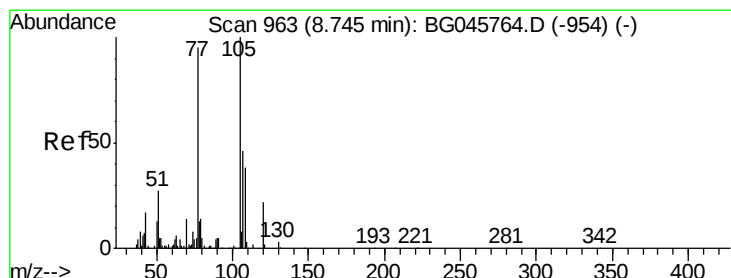
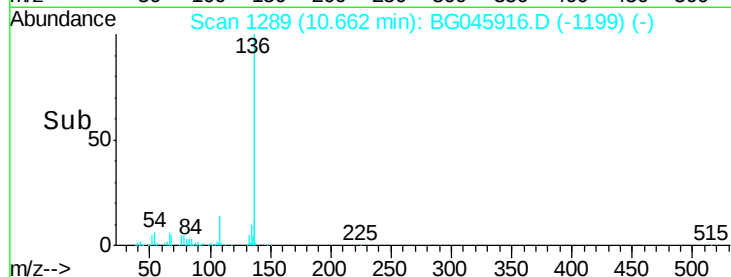
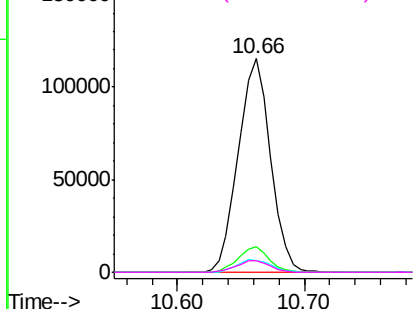
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion:136	Resp:	203268
Ion Ratio	Lower	Upper
136 100		
137 11.7	8.2	12.4
54 5.6	4.6	7.0
68 5.3	5.0	7.4

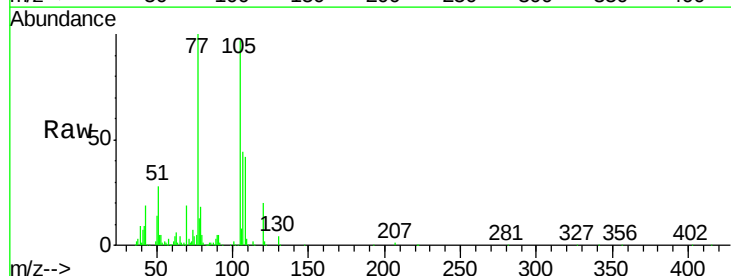


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

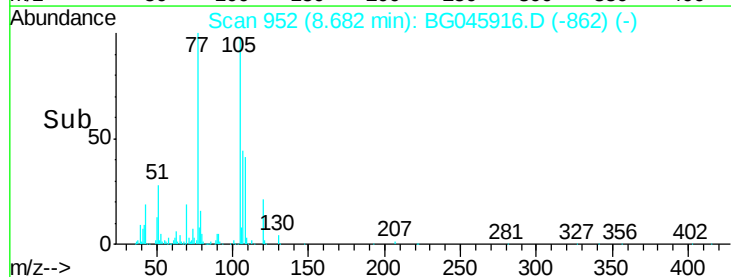
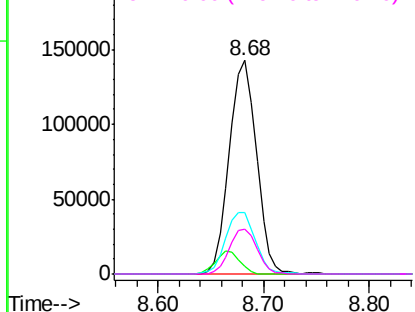


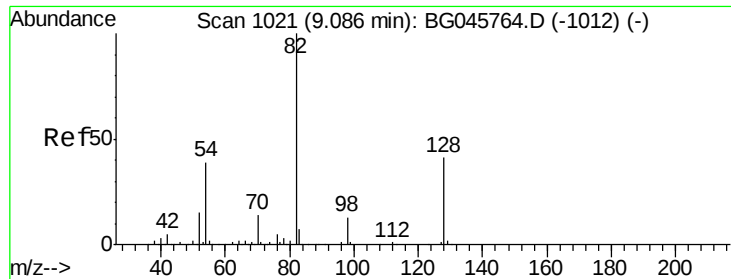
#22
Acetophenone
Concen: 45.676 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt	Ion:105	Resp:	254833
Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.2	3.4#
51	28.7	24.4	36.6
120	20.9	16.0	24.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

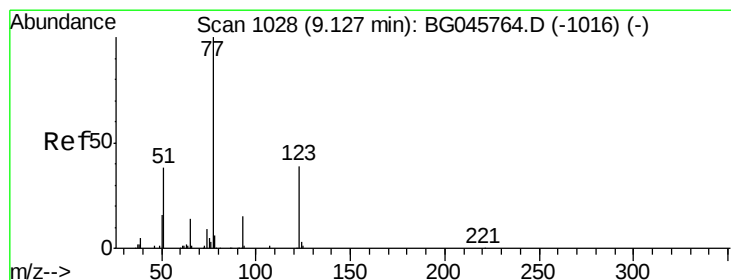
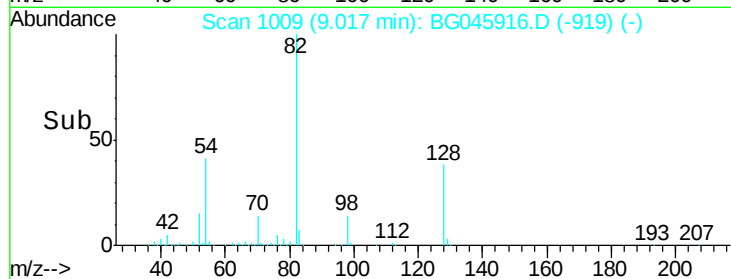
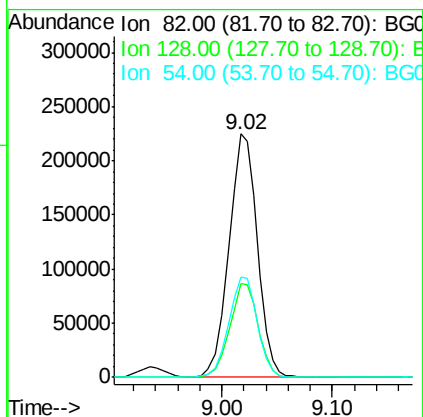
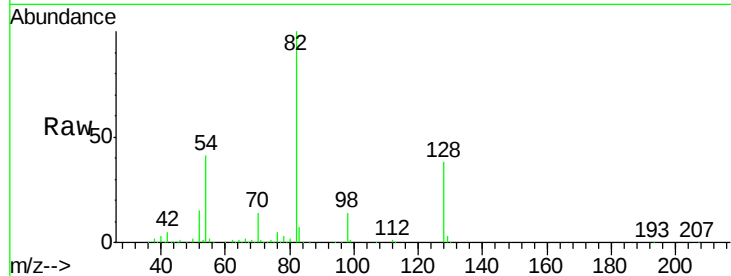




#23
 Nitrobenzene-d5
 Concen: 90.605 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

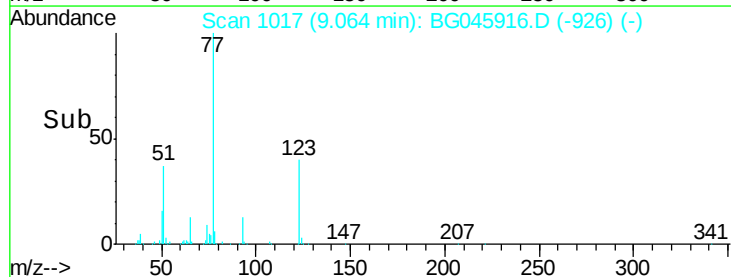
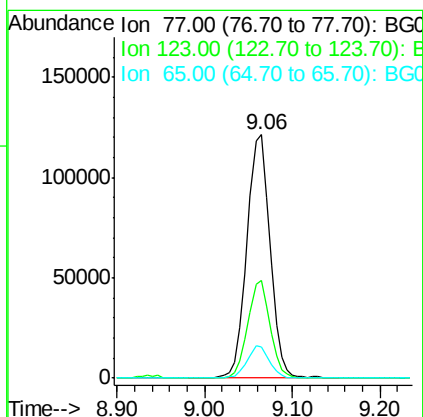
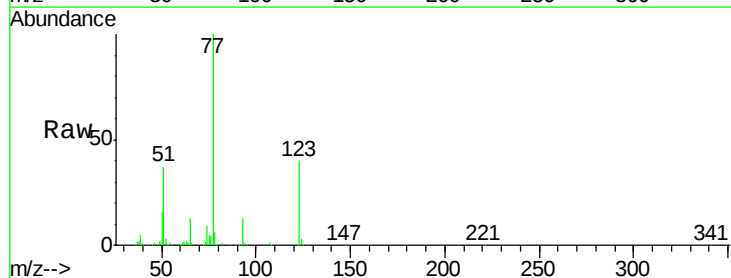
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMSD

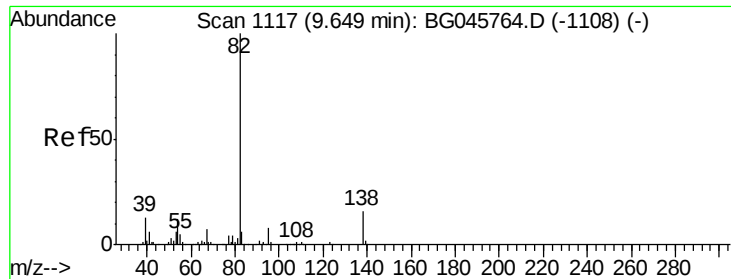
Tot Ion	82	Resp	403147
Ion Ratio	100	Lower	Upper
128	38.3	29.9	44.9
54	41.2	33.3	49.9



#24
 Nitrobenzene
 Concen: 45.786 ng
 RT: 9.06 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Tgt Ion	77	Resp	217220
Ion Ratio	100	Lower	Upper
123	40.0	30.3	45.5
65	12.6	11.0	16.6





#25

Isophorone

Concen: 46.148 ng

RT: 9.59 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

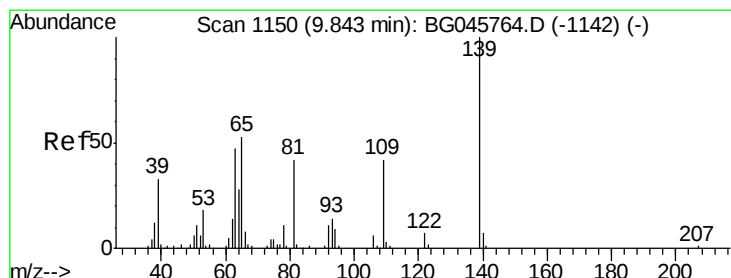
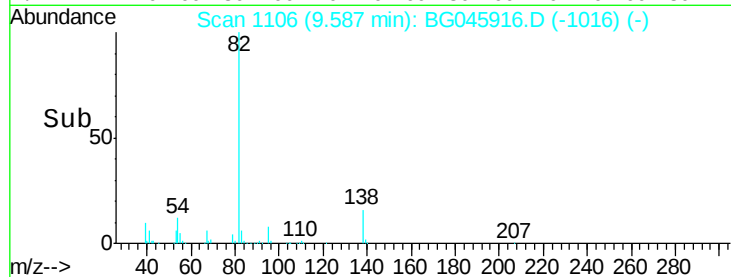
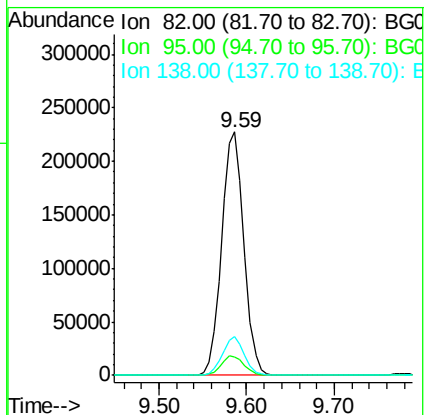
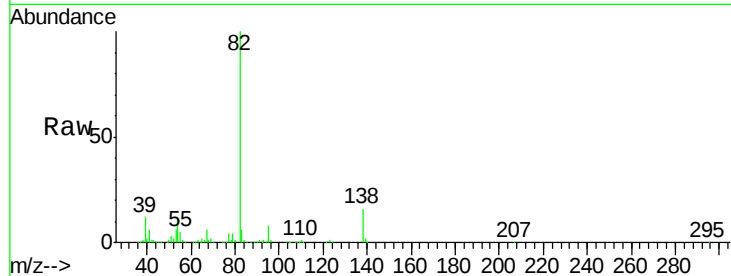
Tot Ion: 82 Resp: 397509

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

138 15.9 12.4 18.6



#26

2-Nitrophenol

Concen: 45.835 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

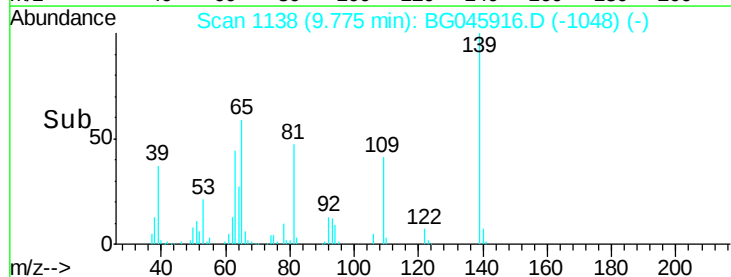
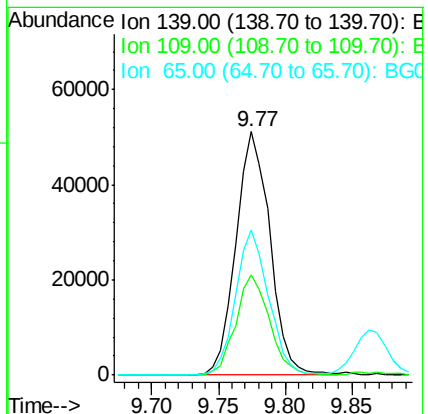
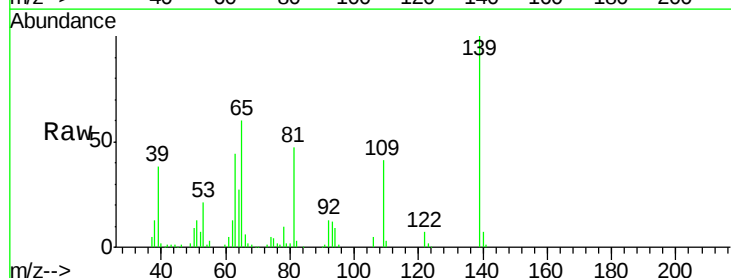
Tgt Ion: 139 Resp: 90593

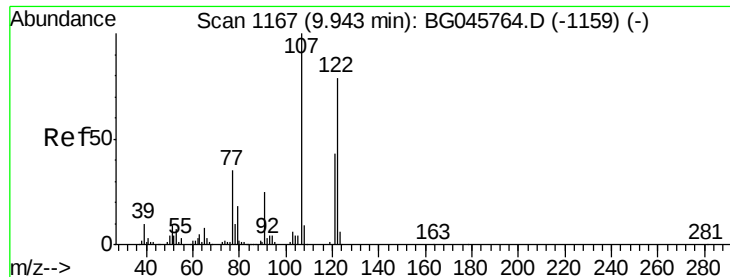
Ion Ratio Lower Upper

139 100

109 41.4 34.2 51.4

65 59.7 47.6 71.4

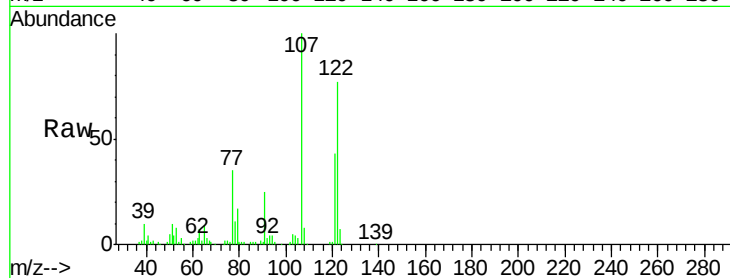




#27
 2,4-Dimethylphenol
 Concen: 47.261 ng
 RT: 9.86 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.1	106.1	159.1
121	55.7	49.0	73.6

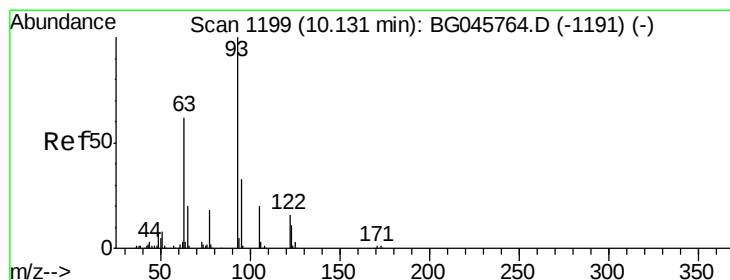
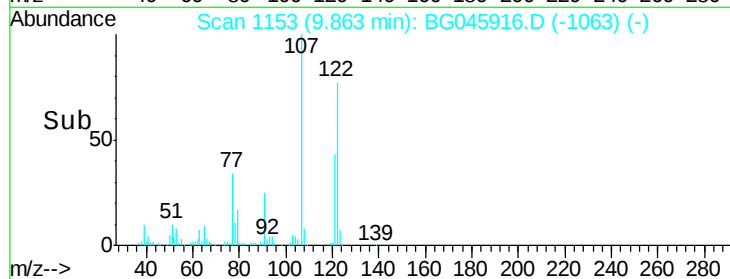
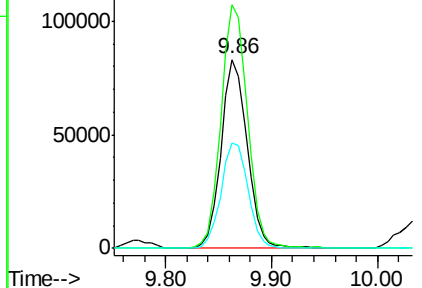


Abundance

Ion 122.00 (121.70 to 122.70): E

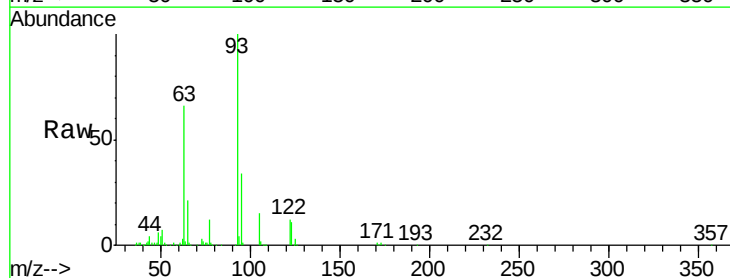
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.212 ng
 RT: 10.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	28.2	42.2
123	11.4	9.2	13.8

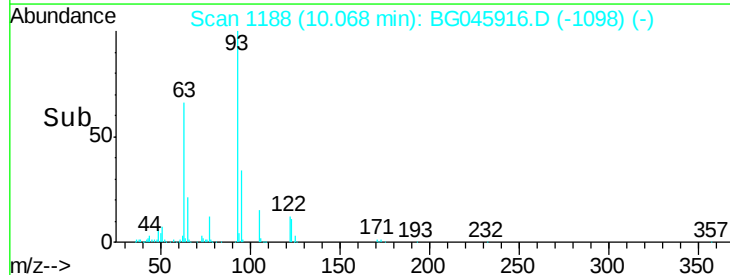
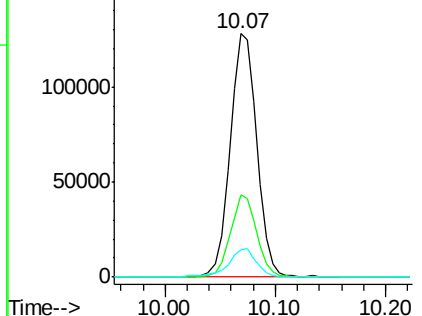


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

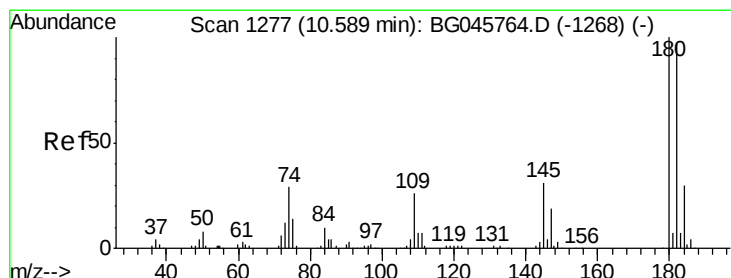
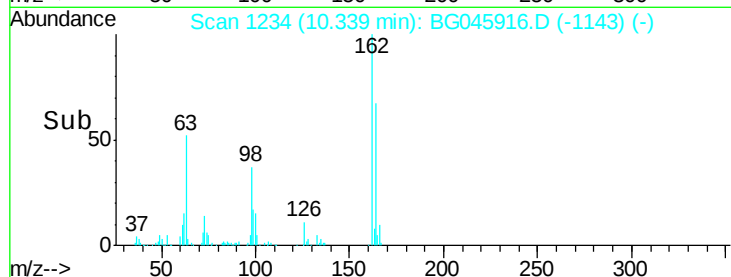
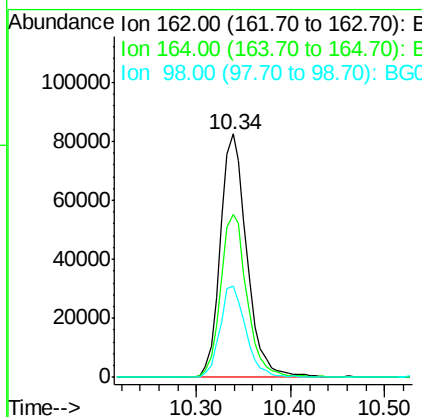
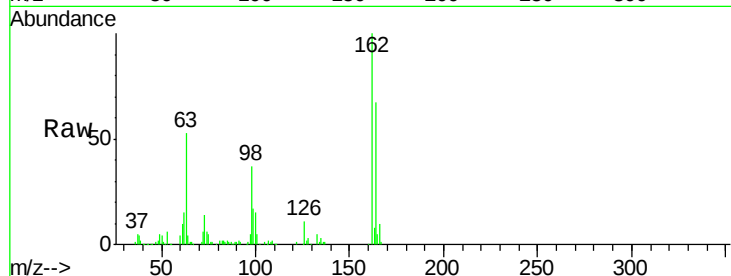




#29
2,4-Dichlorophenol
Concen: 46.004 ng
RT: 10.34 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

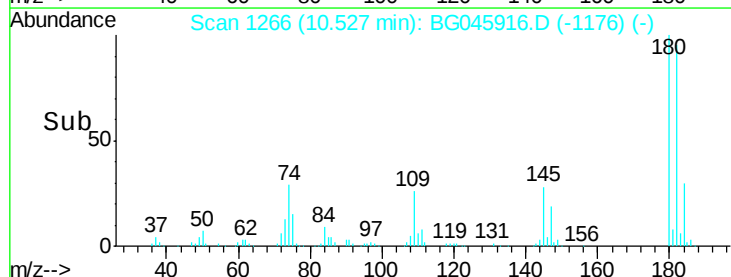
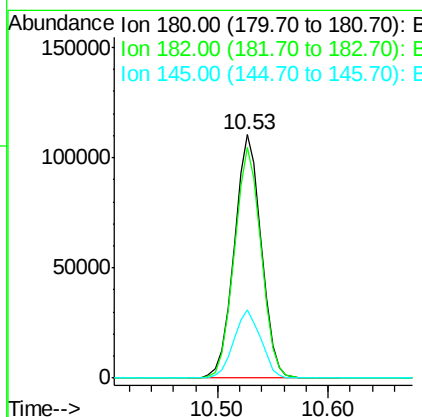
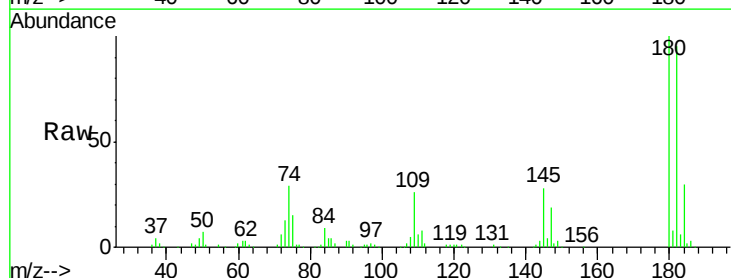
Instrument :
BNA_G
ClientSampled :
SP2-LMSD

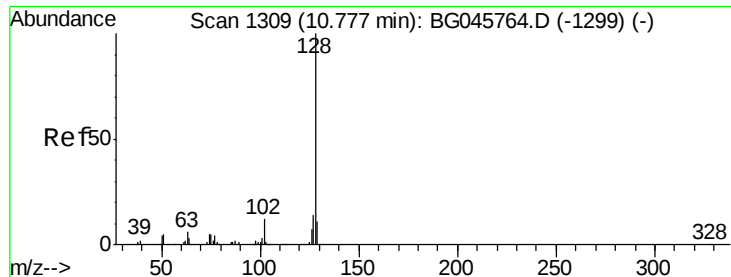
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	41.9	81.9
98	37.4	17.1	57.1



#30
1,2,4-Trichlorobenzene
Concen: 45.398 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	28.1	22.7	34.1

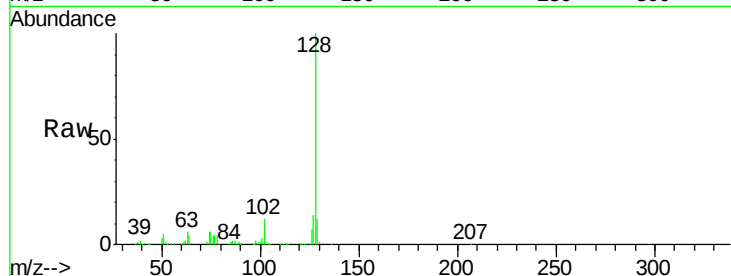




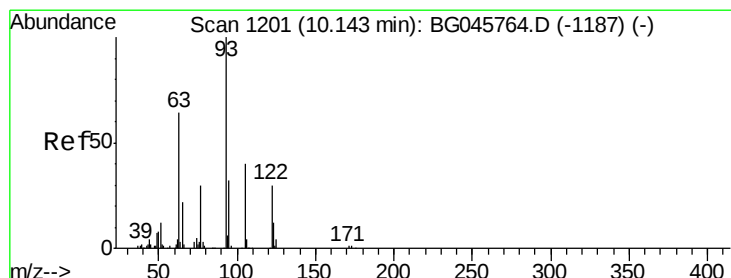
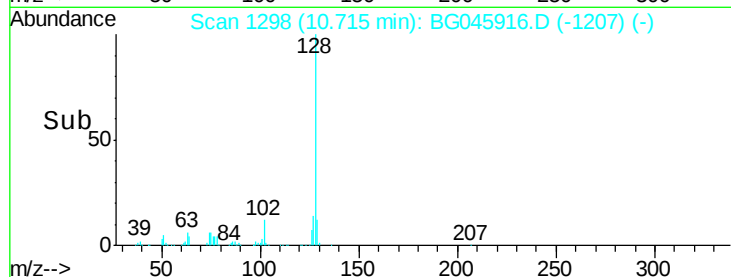
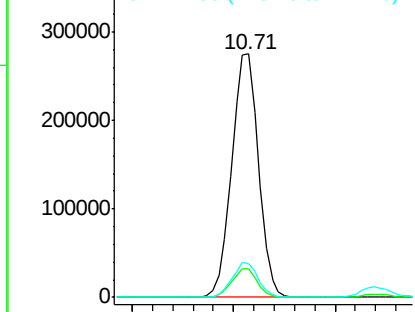
#31
Naphthalene
Concen: 45.258 ng
RT: 10.71 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.9	10.8	16.2

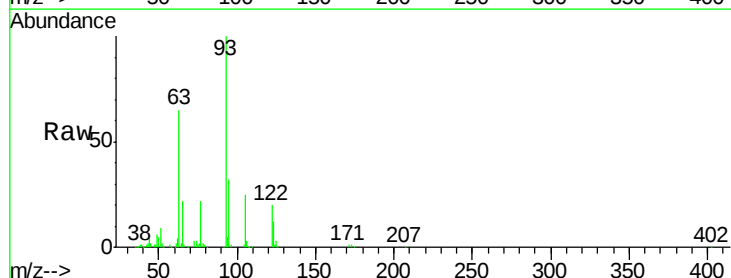


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

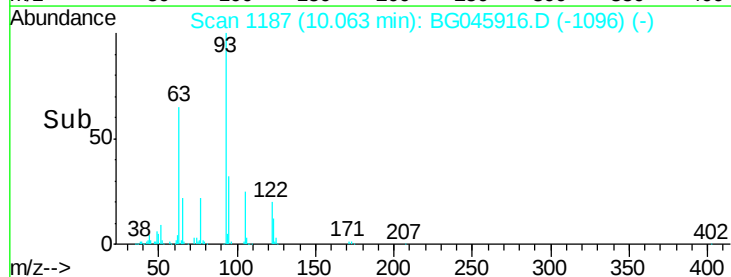
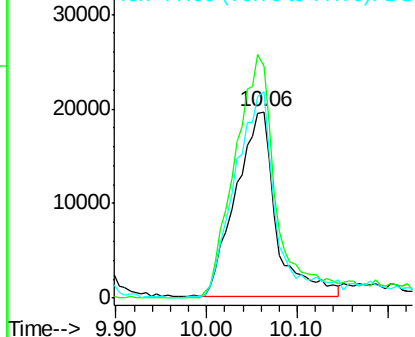


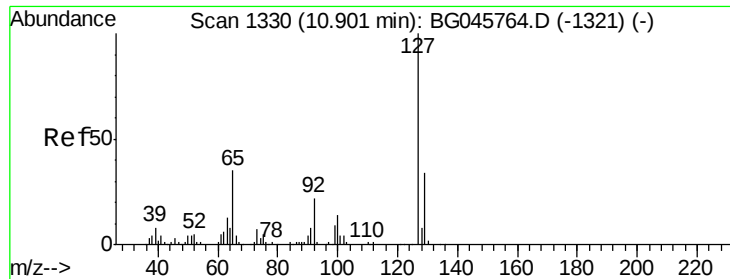
#32
Benzoic acid
Concen: 34.123 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.7	123.1	163.1
77	111.0	93.9	133.9



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

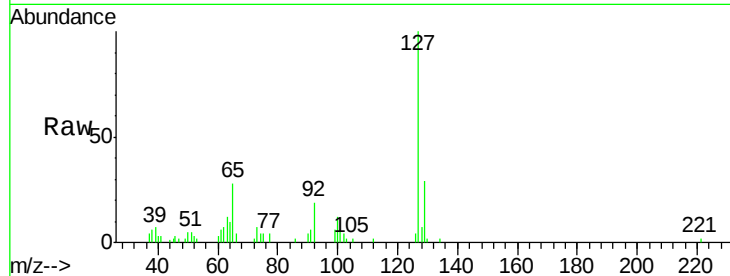




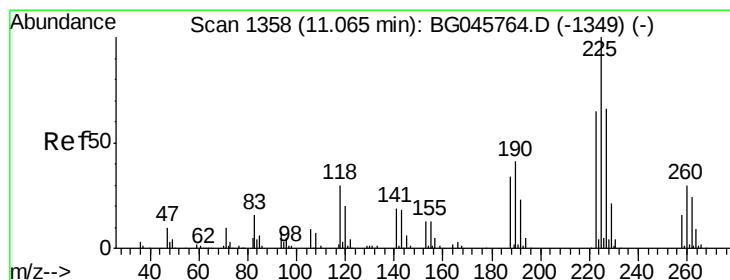
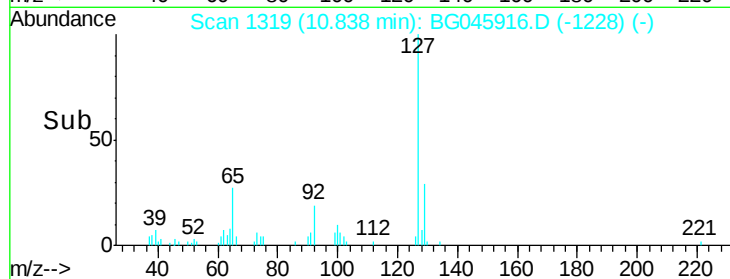
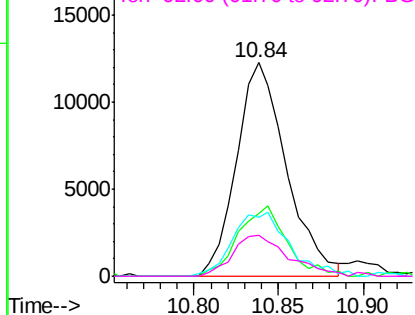
#33
4-Chloroaniline
Concen: 5.413 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion:127	Resp:	25189
Ion Ratio	Lower	Upper
127	100	
129	29.2	26.2 39.2
65	27.8	26.9 40.3
92	19.3	17.8 26.6

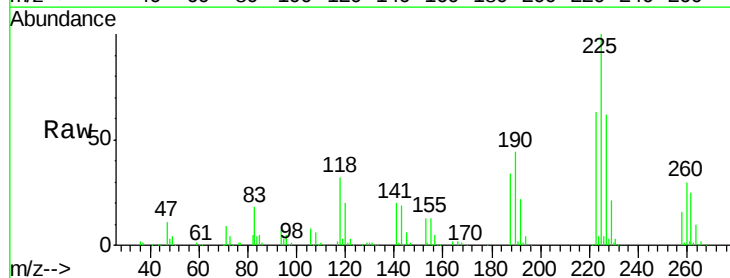


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

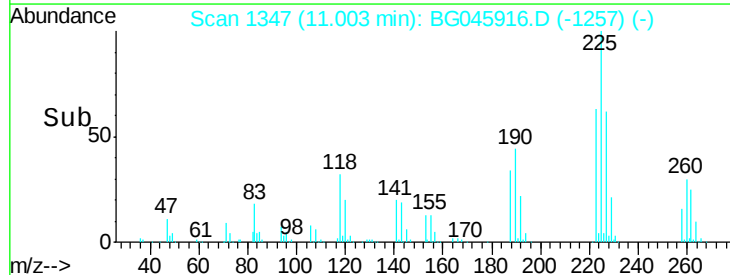
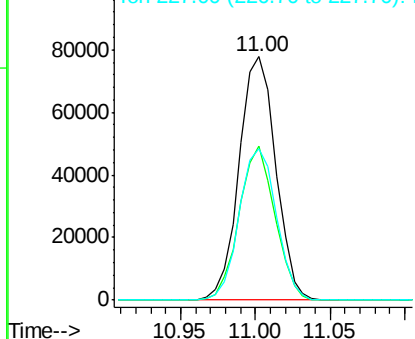


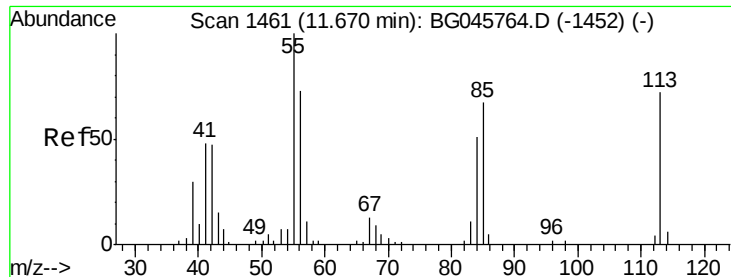
#34
Hexachlorobutadiene
Concen: 44.618 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion:225	Resp:	132257
Ion Ratio	Lower	Upper
225	100	
223	63.0	52.0 78.0
227	62.4	51.6 77.4



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

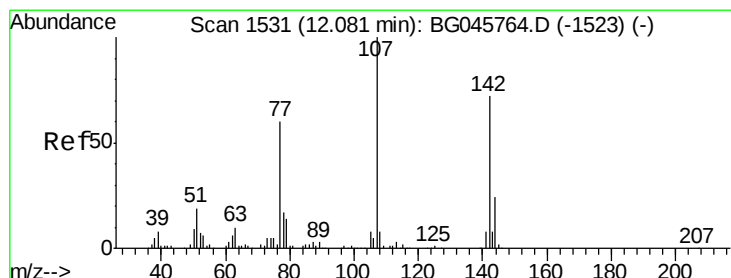
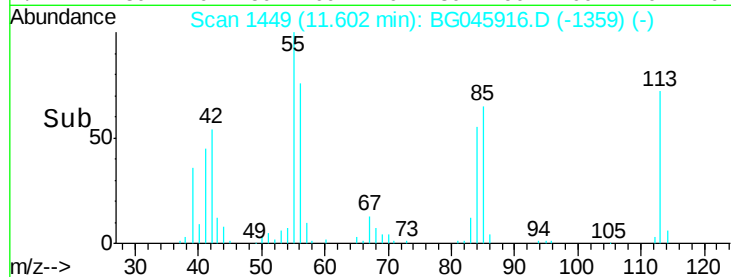
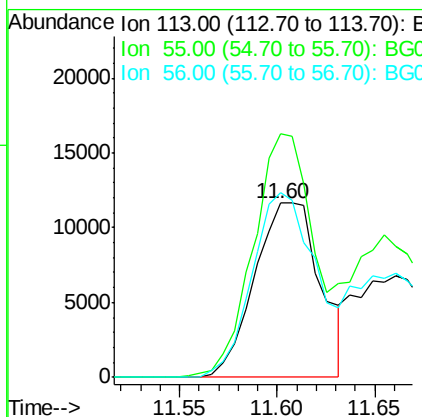
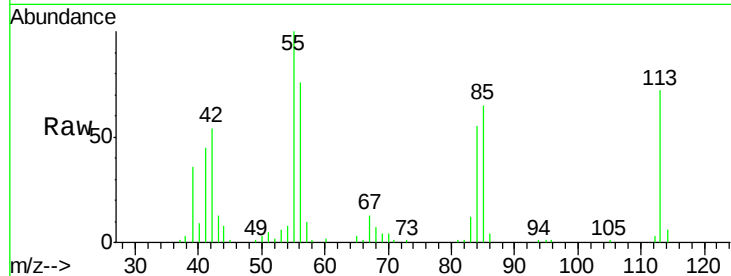




#35
 Caprolactam
 Concen: 23.809 ng
 RT: 11.60 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

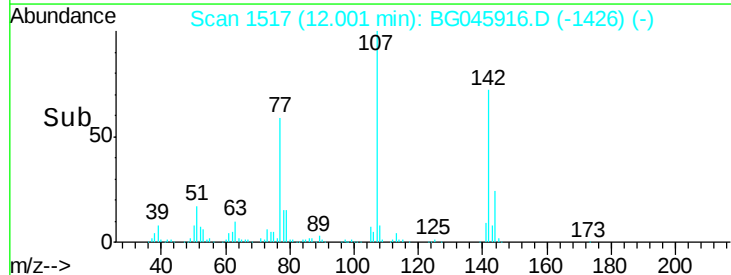
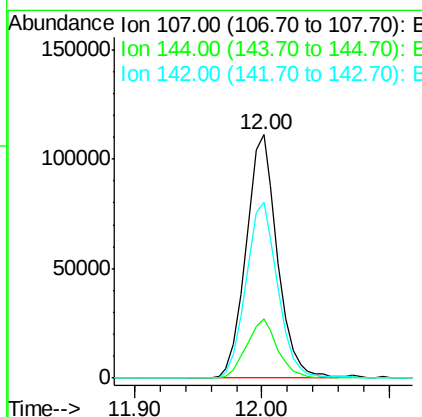
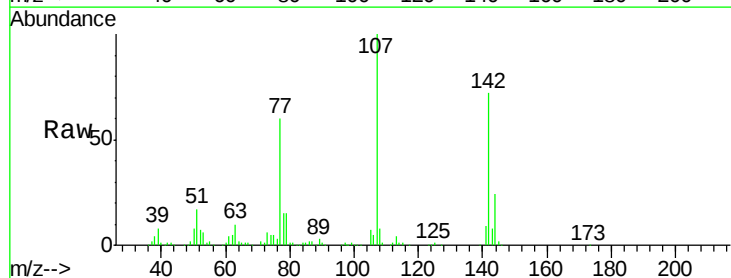
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMSD

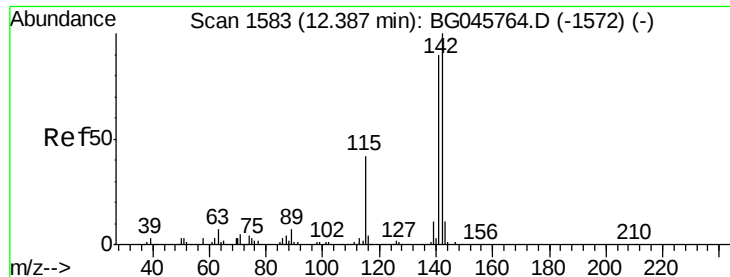
Tot Ion:113 Resp: 27126
 Ion Ratio Lower Upper
 113 100
 55 139.6 110.6 150.6
 56 106.0 81.1 121.1



#36
 4-Chloro-3-methylphenol
 Concen: 46.688 ng
 RT: 12.00 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Tgt Ion:107 Resp: 189787
 Ion Ratio Lower Upper
 107 100
 144 24.4 18.7 28.1
 142 72.2 55.6 83.4

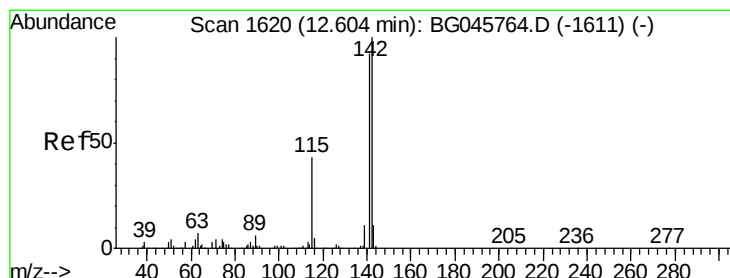
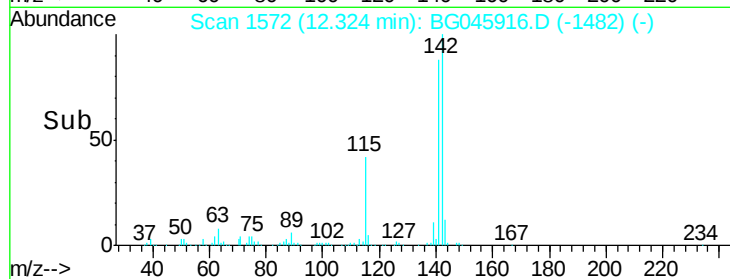
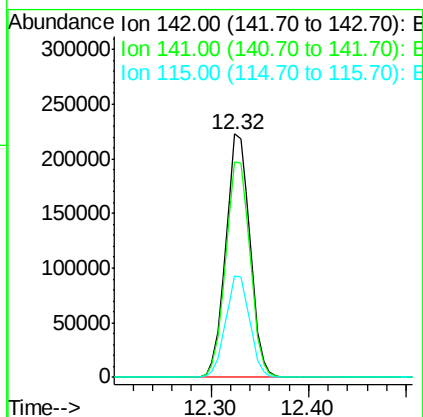
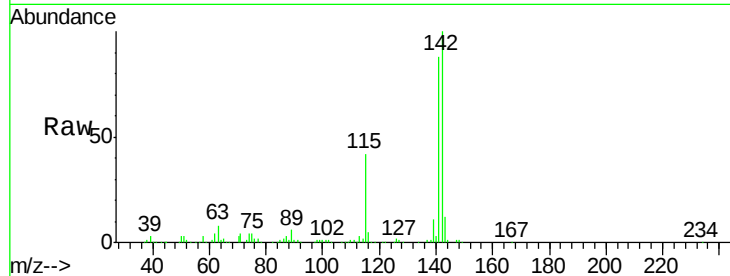




#37
2-Methylnaphthalene
Concen: 46.342 ng
RT: 12.32 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

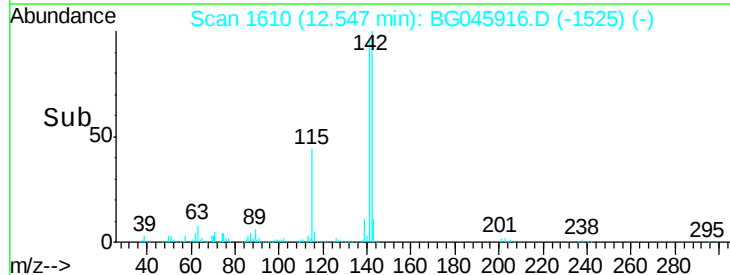
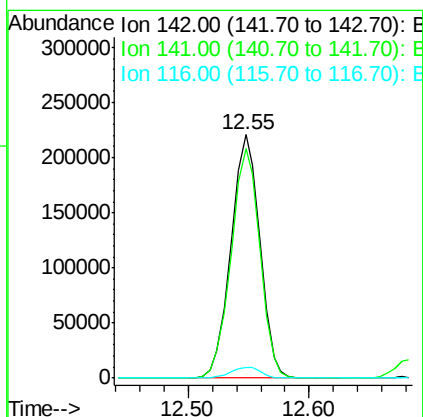
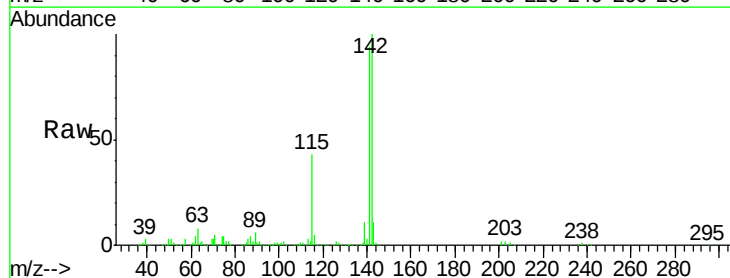
Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

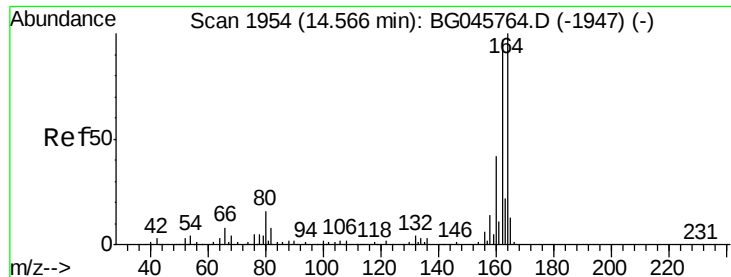
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9
115	41.9	31.7	47.5



#38
1-Methylnaphthalene
Concen: 46.794 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.5	111.7
116	4.5	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

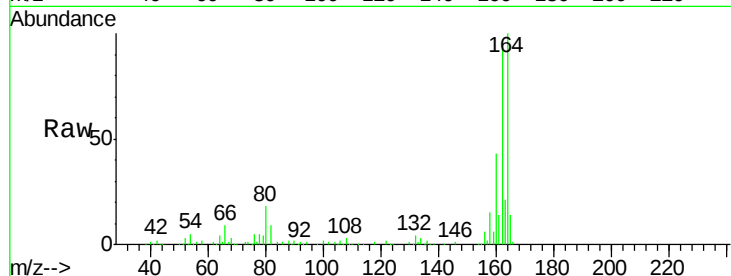
Tot Ion:164 Resp: 150242

Ion Ratio Lower Upper

164 100

162 96.7 78.8 118.2

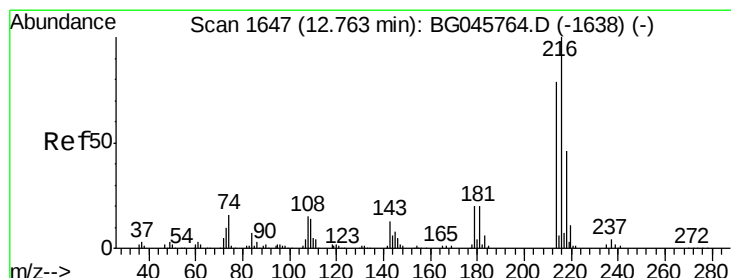
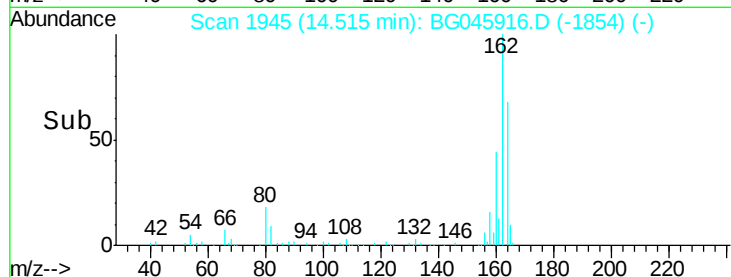
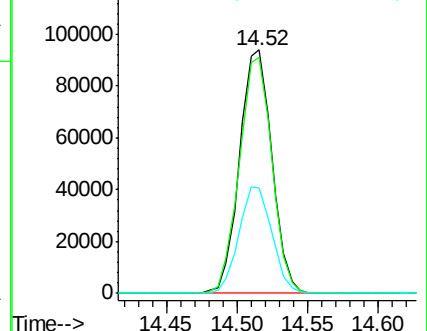
160 43.1 33.8 50.6



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: 44.411 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tgt Ion:216 Resp: 219708

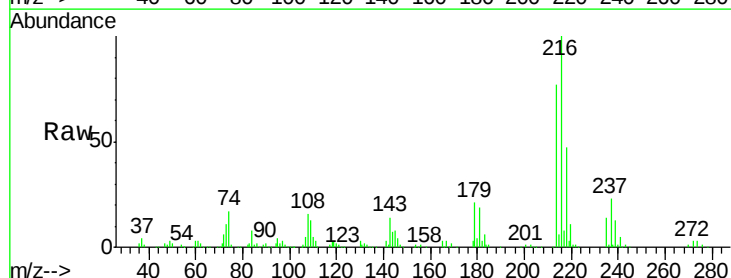
Ion Ratio Lower Upper

216 100

214 78.7 61.8 92.8

179 20.4 15.8 23.6

108 18.4 13.8 20.6

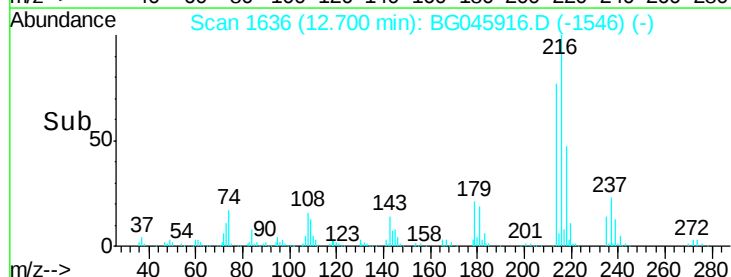
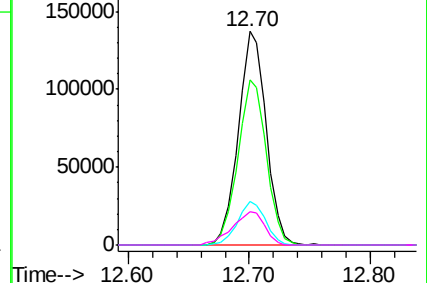


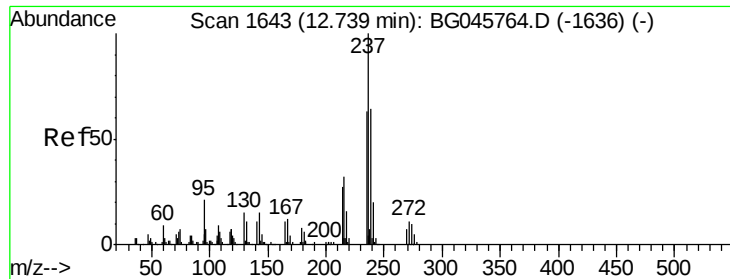
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.591 ng

RT: 12.68 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

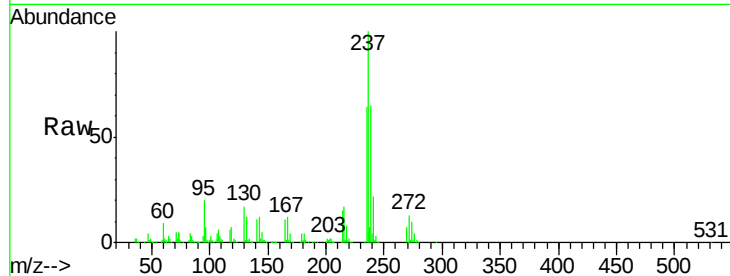
Tot Ion:237 Resp: 229577

Ion Ratio Lower Upper

237 100

235 64.4 43.3 83.3

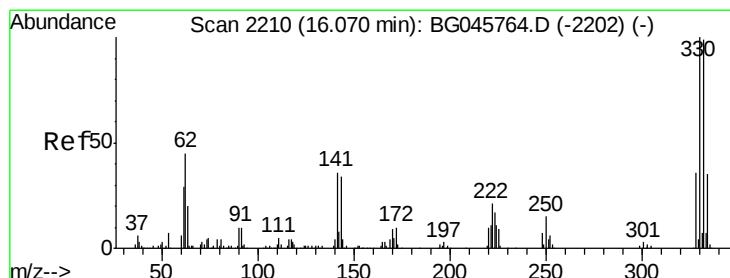
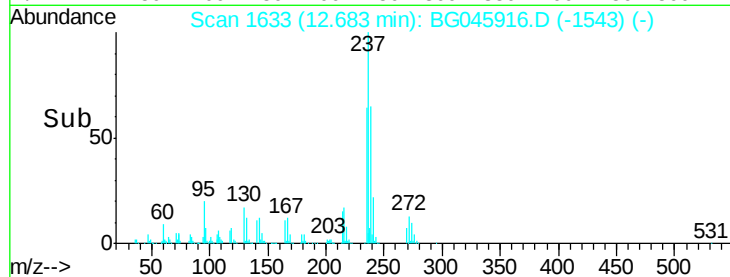
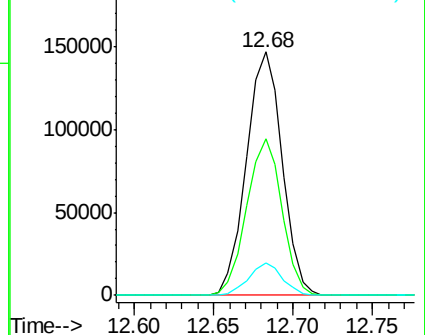
272 13.1 0.0 33.3



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: 123.613 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

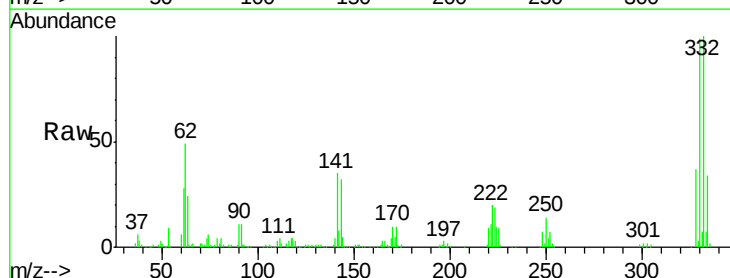
Tgt Ion:330 Resp: 280386

Ion Ratio Lower Upper

330 100

332 97.8 79.4 119.0

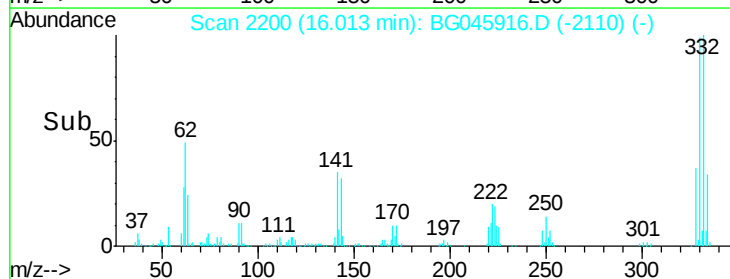
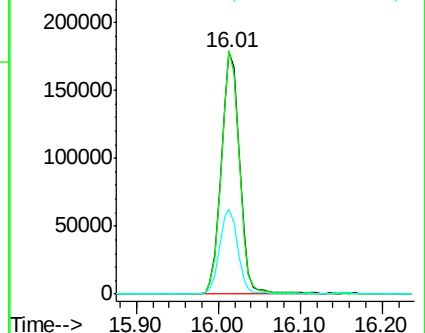
141 35.0 28.2 42.2

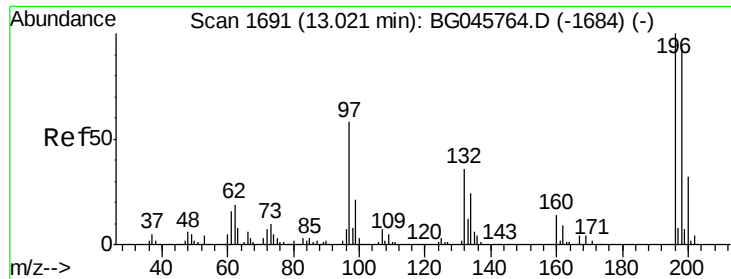


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

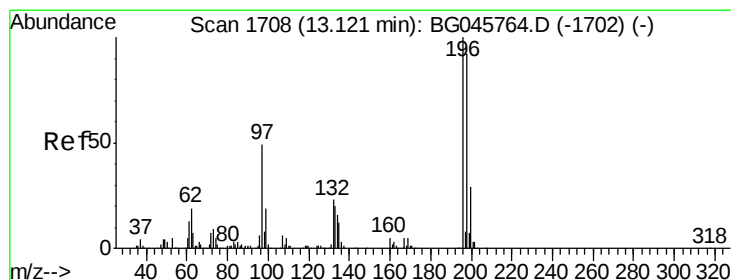
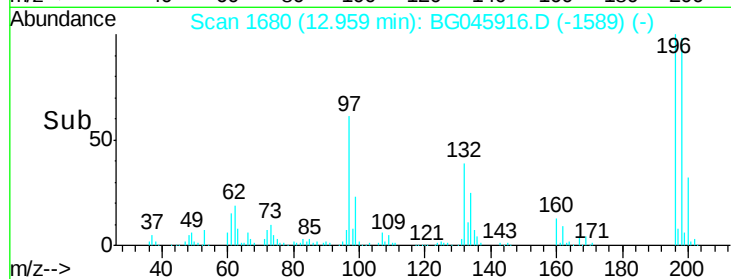
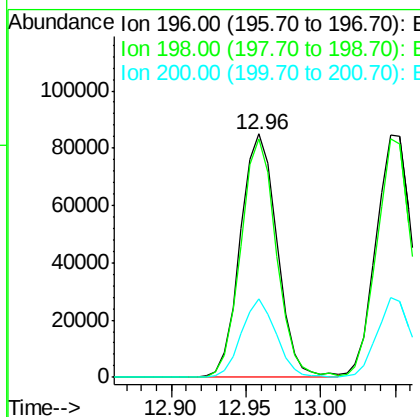
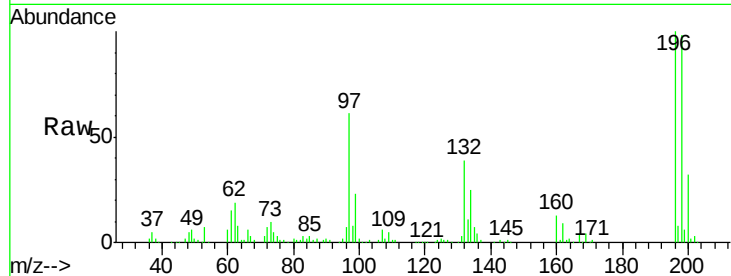




#43
 2,4,6-Trichlorophenol
 Concen: 43.120 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

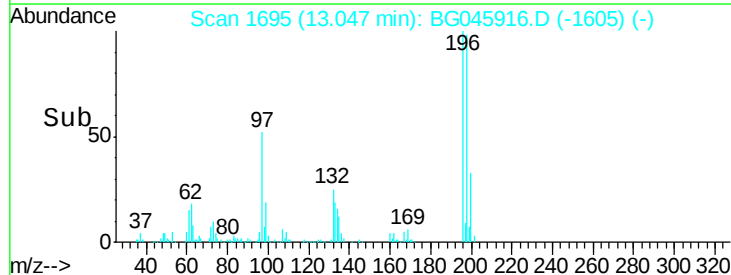
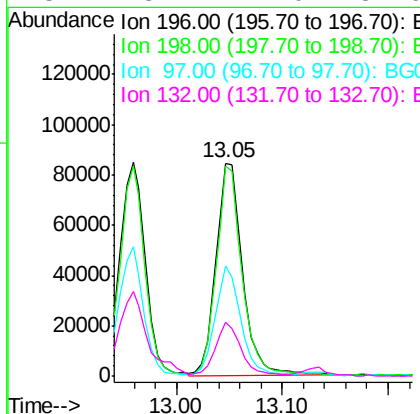
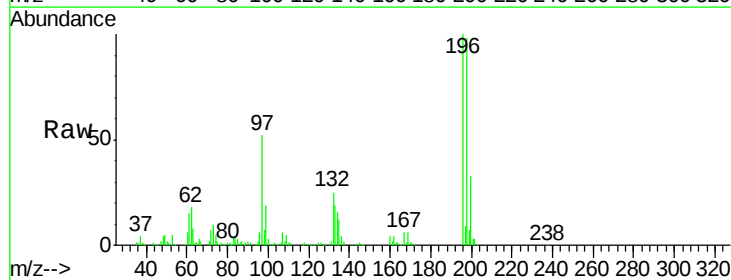
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMSD

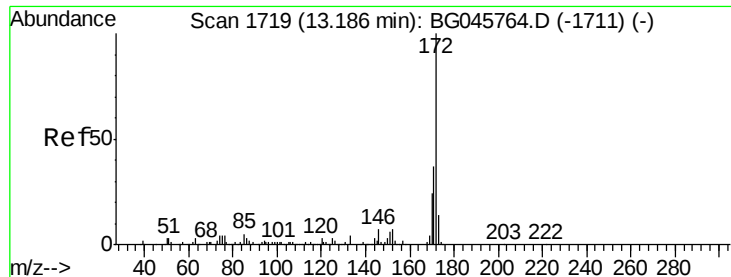
Tot Ion:196 Resp: 144630
 Ion Ratio Lower Upper
 196 100
 198 98.1 78.1 117.1
 200 32.3 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.676 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Tgt Ion:196 Resp: 147848
 Ion Ratio Lower Upper
 196 100
 198 98.4 76.5 114.7
 97 51.8 39.9 59.9
 132 25.1 21.0 31.6

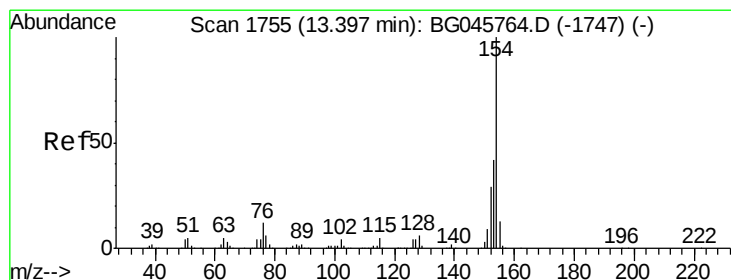
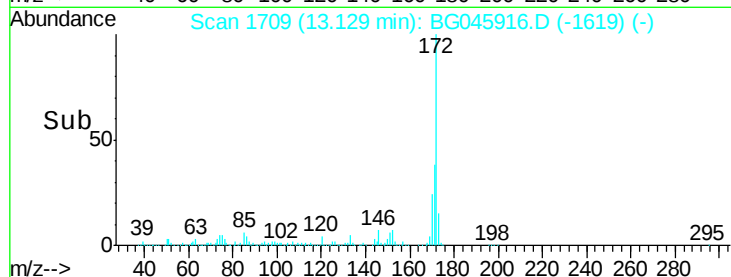
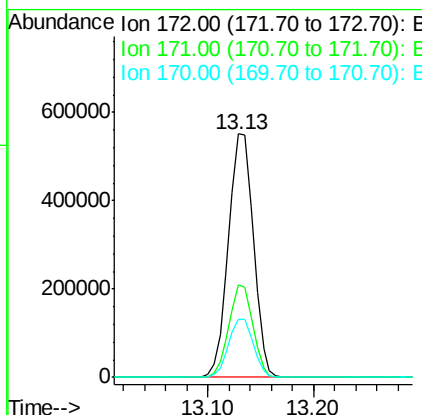
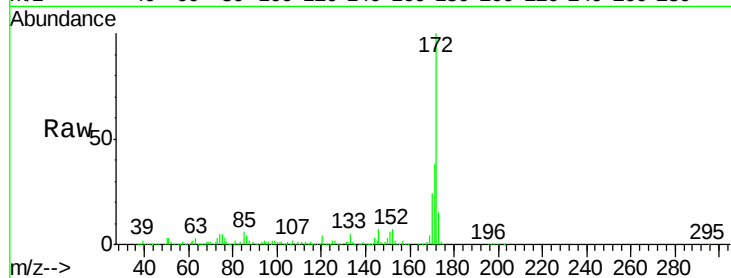




#45
2-Fluorobiphenyl
Concen: 87.918 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

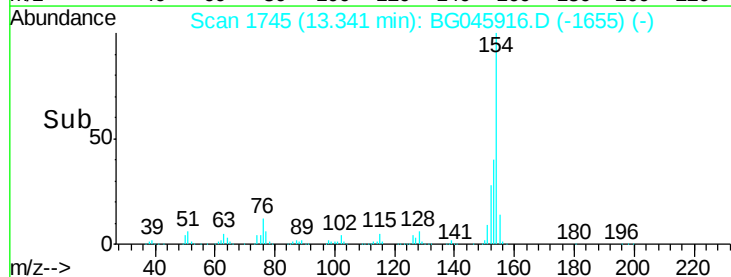
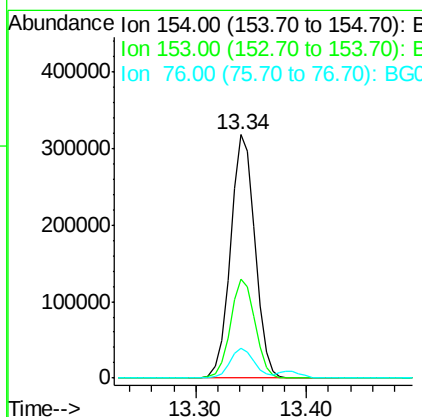
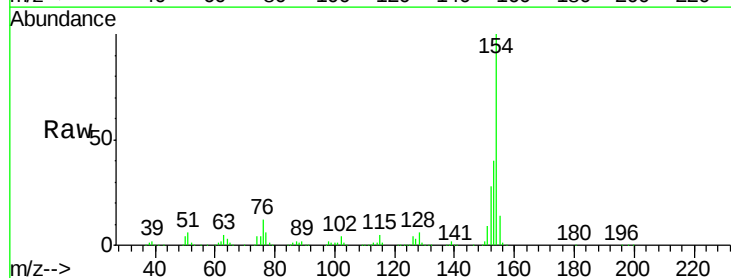
Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

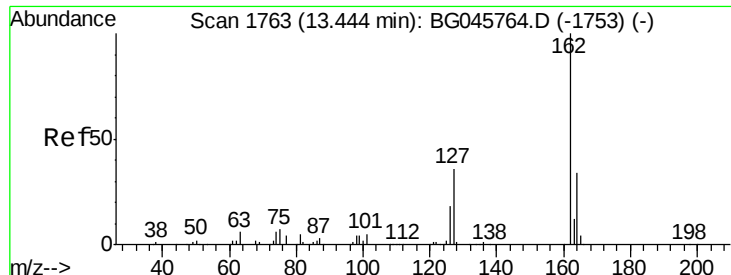
Tot Ion:172 Resp: 898835
Ion Ratio Lower Upper
172 100
171 37.9 28.5 42.7
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.828 ng
RT: 13.34 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion:154 Resp: 492943
Ion Ratio Lower Upper
154 100
153 40.4 21.3 61.3
76 12.2 0.0 32.9

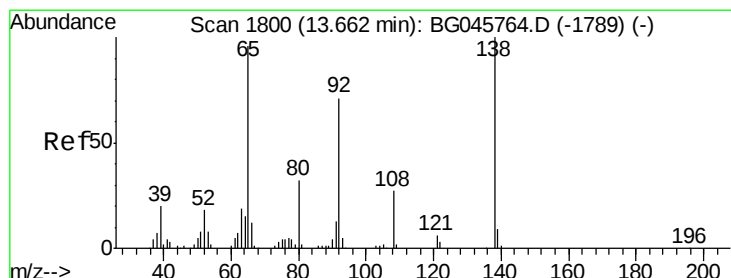
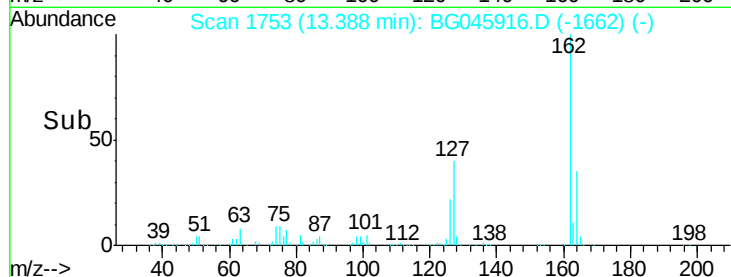
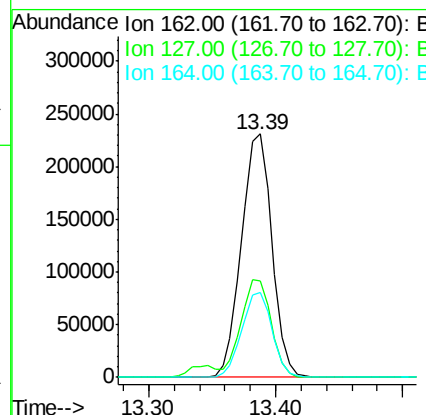
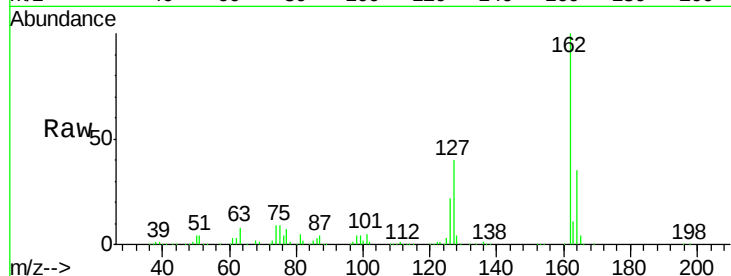




#47
2-Chloronaphthalene
Concen: 44.322 ng
RT: 13.39 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

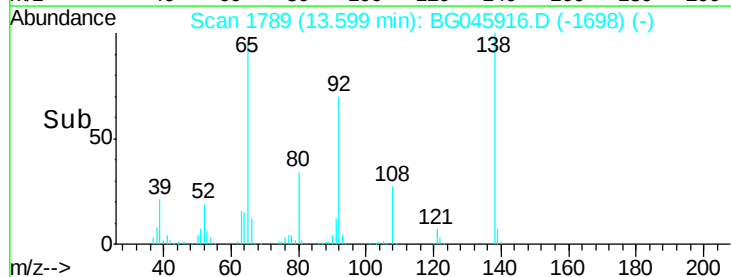
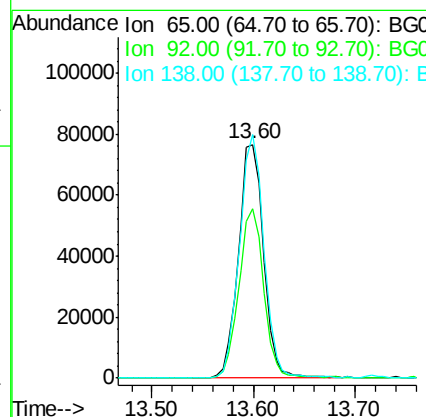
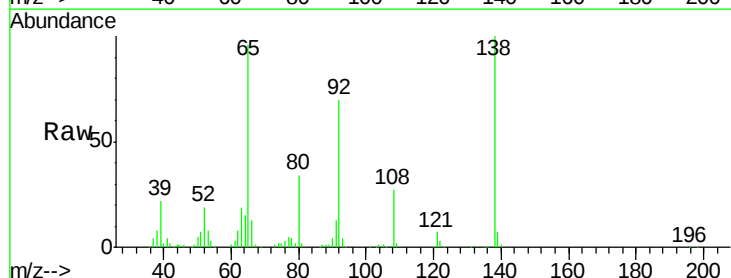
Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion:162 Resp: 385106
Ion Ratio Lower Upper
162 100
127 39.9 31.4 47.0
164 34.8 28.1 42.1



#48
2-Nitroaniline
Concen: 45.956 ng
RT: 13.60 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion: 65 Resp: 132825
Ion Ratio Lower Upper
65 100
92 72.6 54.1 81.1
138 104.2 79.0 118.6





#49

Acenaphthylene

Concen: 45.109 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

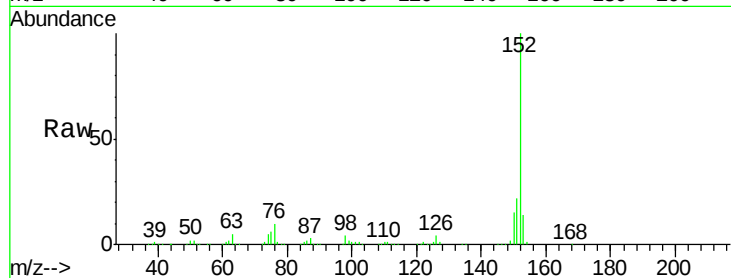
Tot Ion:152 Resp: 627803

Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.4

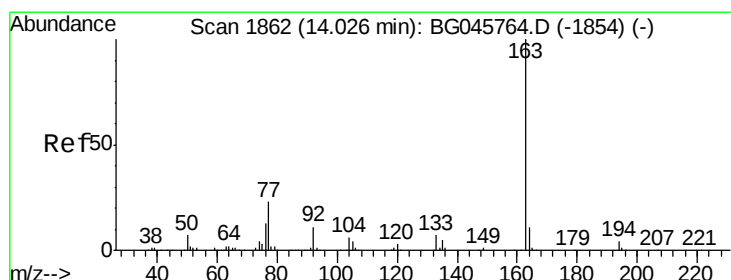
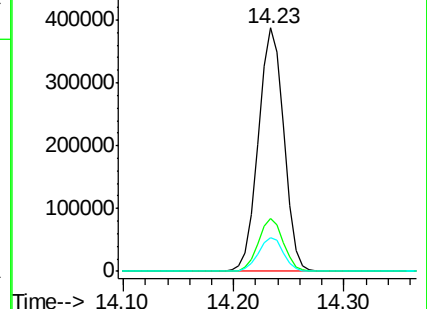
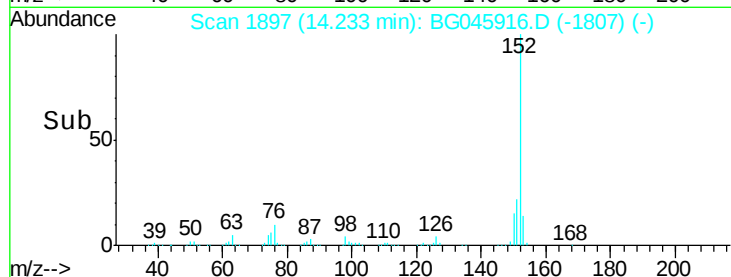
153 13.7 11.4 17.0



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: 50.561 ng

RT: 13.97 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

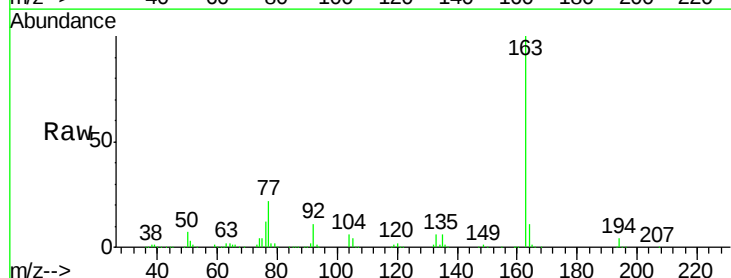
Tgt Ion:163 Resp: 595103

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

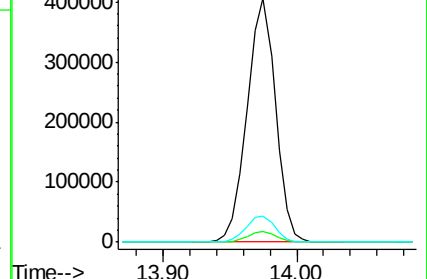
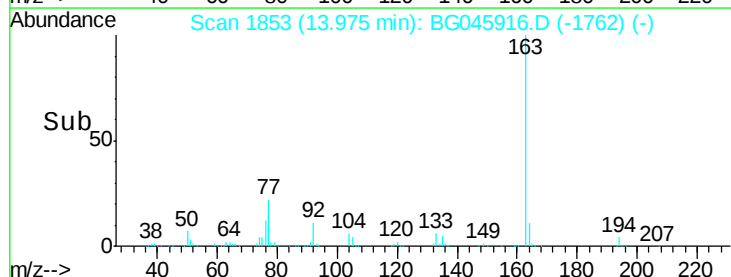
164 10.7 8.7 13.1

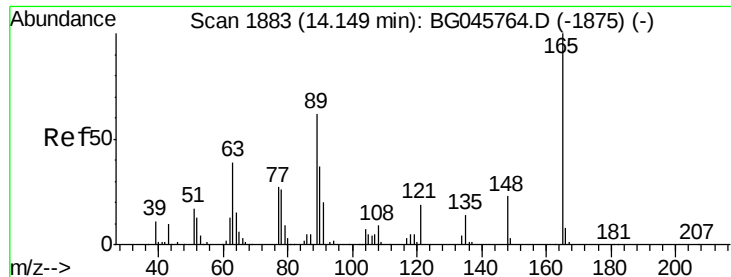


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.039 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

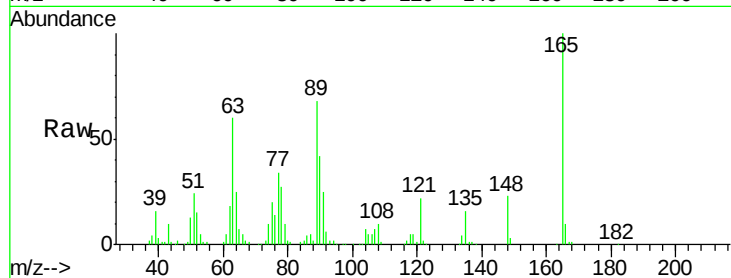
Tot Ion:165 Resp: 119064

Ion Ratio Lower Upper

165 100

63 59.6 41.4 62.2

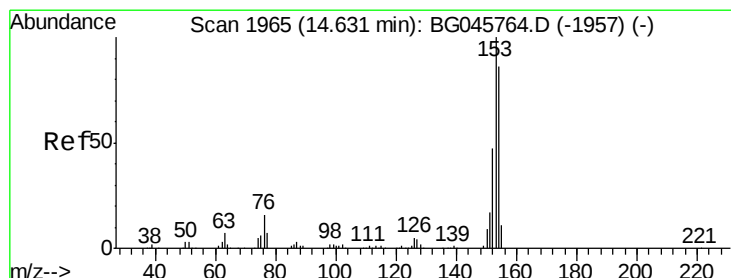
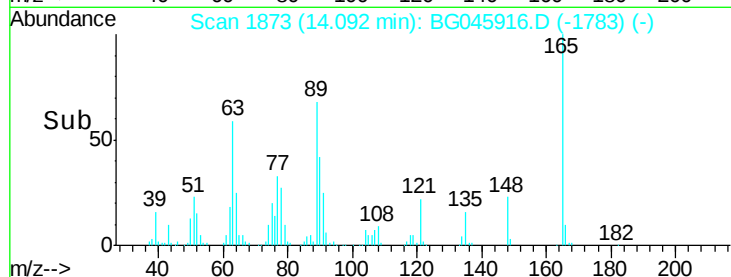
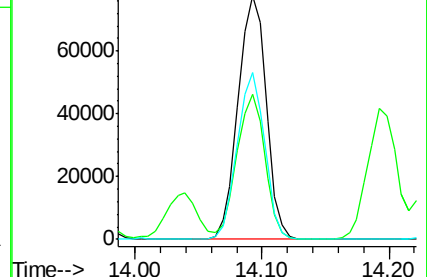
89 68.4 45.4 68.0#



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



#52

Acenaphthene

Concen: 45.428 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

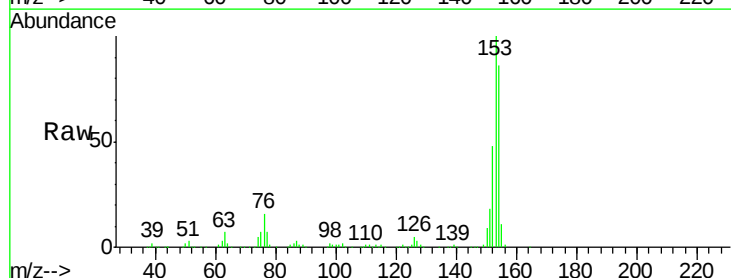
Tgt Ion:154 Resp: 383233

Ion Ratio Lower Upper

154 100

153 116.2 92.5 138.7

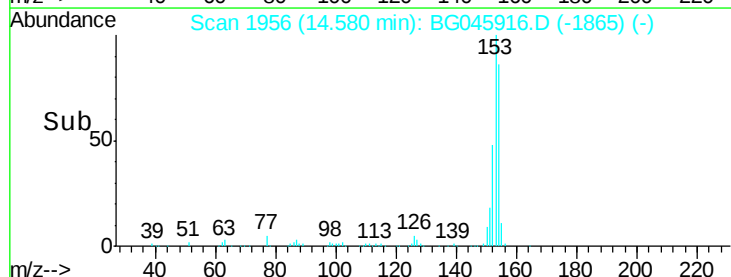
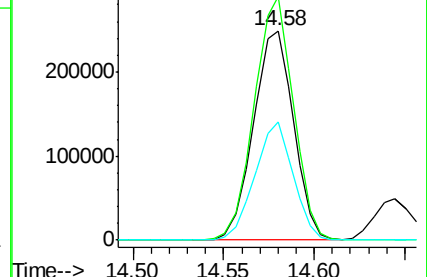
152 56.2 43.4 65.2



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

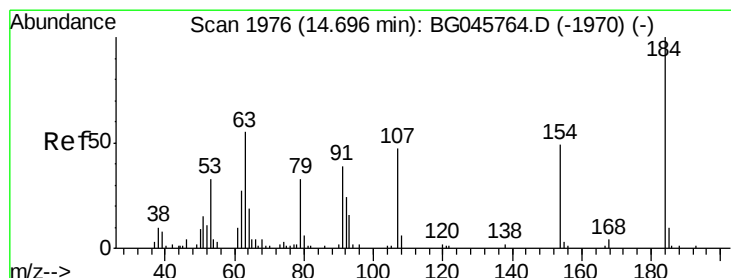
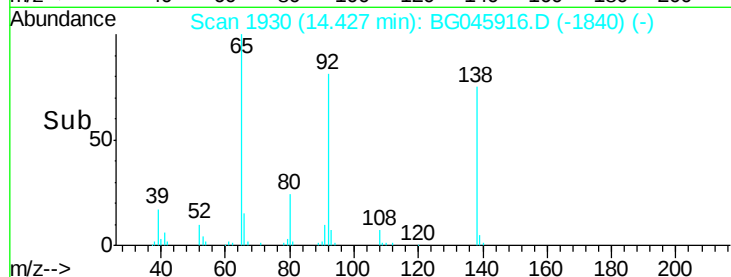
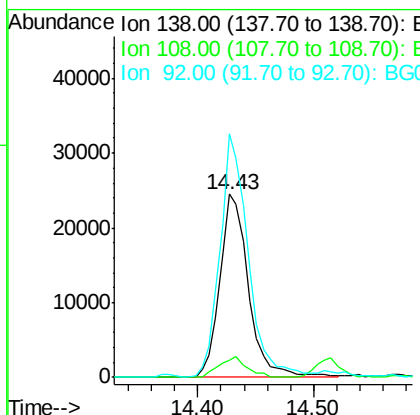
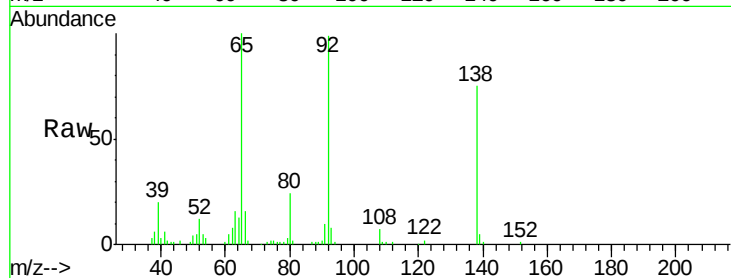




#53
3-Nitroaniline
Concen: 16.010 ng
RT: 14.43 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

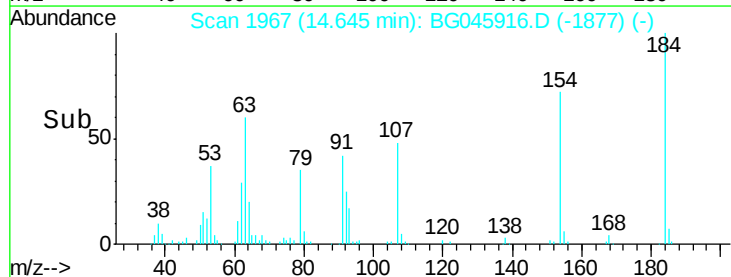
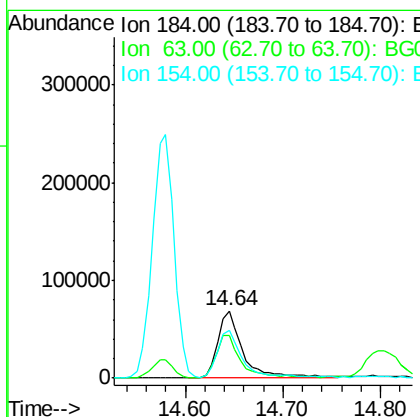
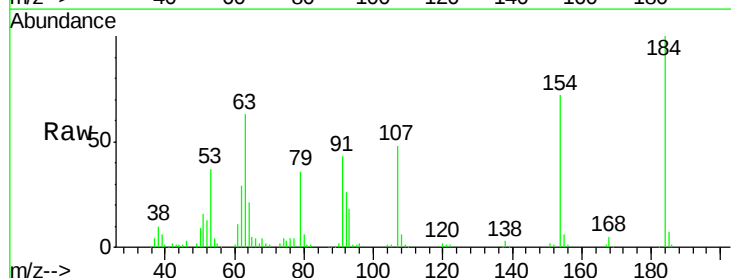
Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

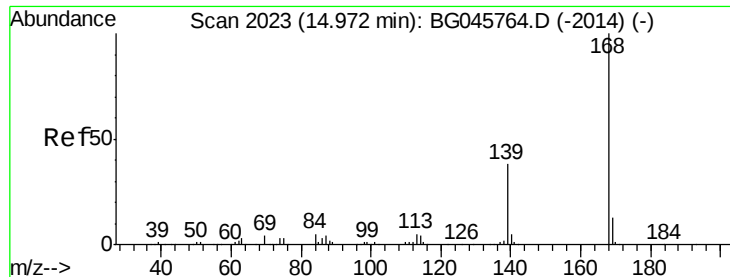
Tot Ion:138 Resp: 42273
Ion Ratio Lower Upper
138 100
108 9.3 8.2 12.2
92 132.9 101.3 151.9



#54
2,4-Dinitrophenol
Concen: 83.386 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion:184 Resp: 123304
Ion Ratio Lower Upper
184 100
63 63.0 49.4 74.0
154 71.7 59.8 89.8

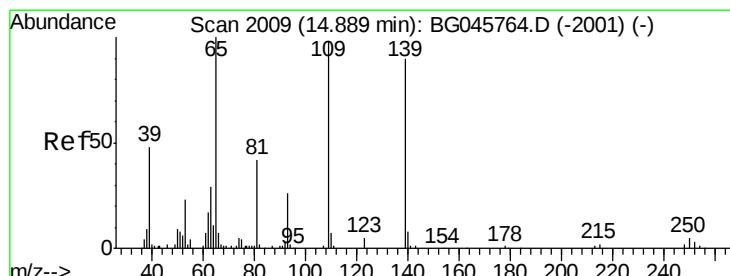
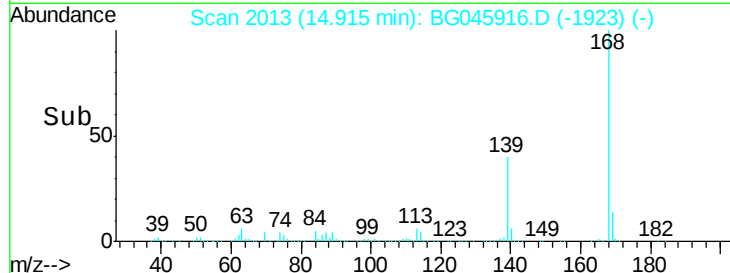
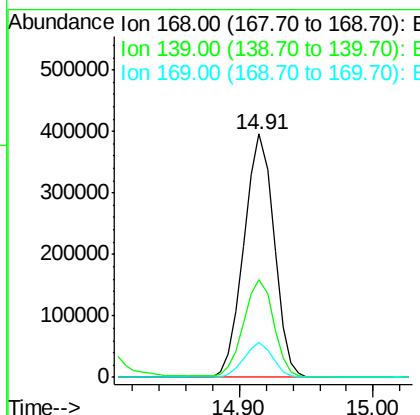
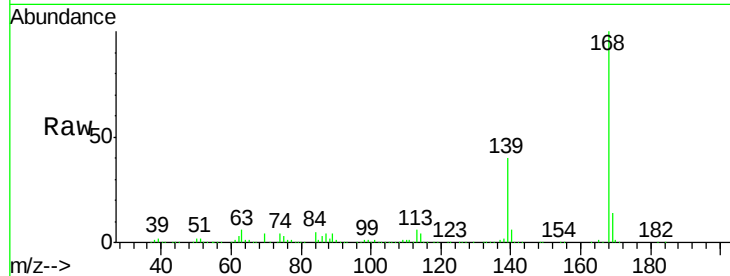




#55
Dibenzenofuran
Concen: 44.996 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

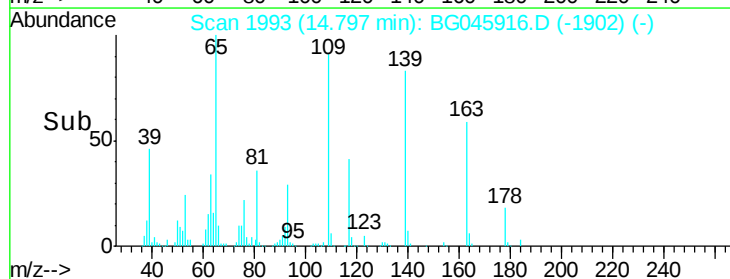
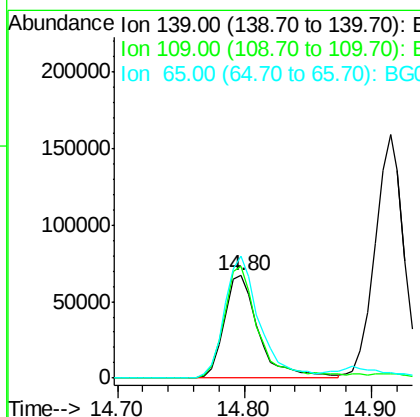
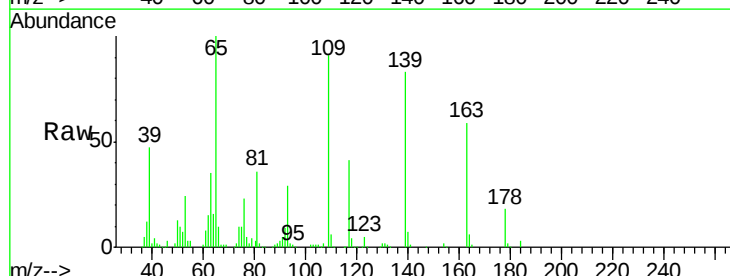
Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

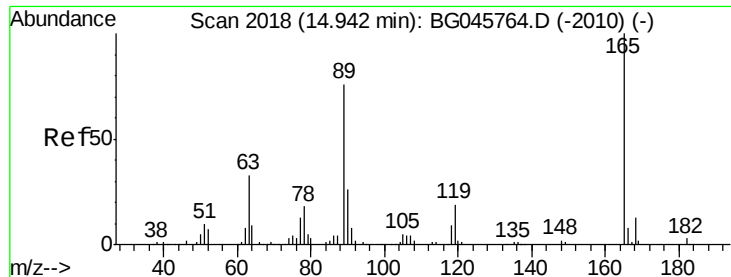
Tot Ion:168 Resp: 616644
Ion Ratio Lower Upper
168 100
139 40.2 32.6 48.8
169 14.2 11.4 17.2



#56
4-Nitrophenol
Concen: 67.873 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion:139 Resp: 127203
Ion Ratio Lower Upper
139 100
109 109.6 79.2 119.2
65 119.9 91.0 131.0

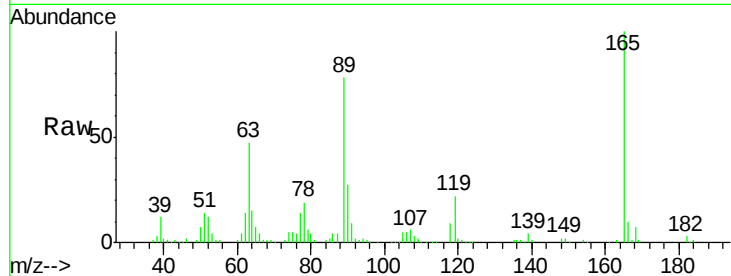




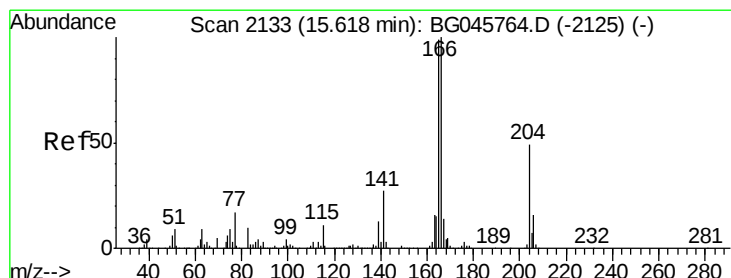
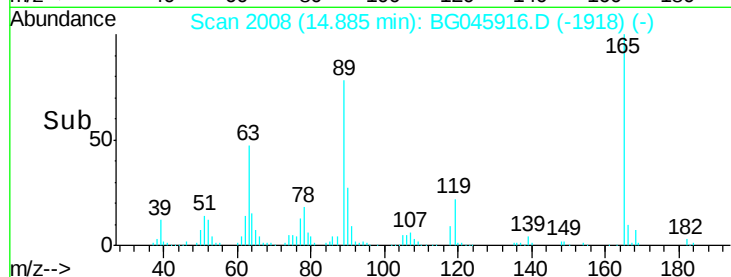
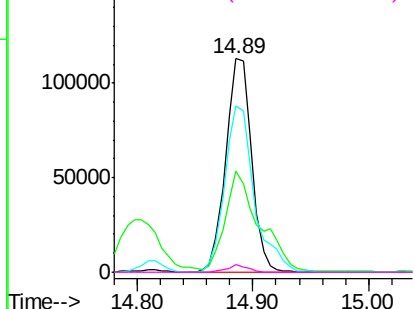
#57
2,4-Dinitrotoluene
Concen: 46.335 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion:165 Resp: 175500
Ion Ratio Lower Upper
165 100
63 47.3 34.5 51.7
89 77.6 60.8 91.2
182 3.5 2.3 3.5

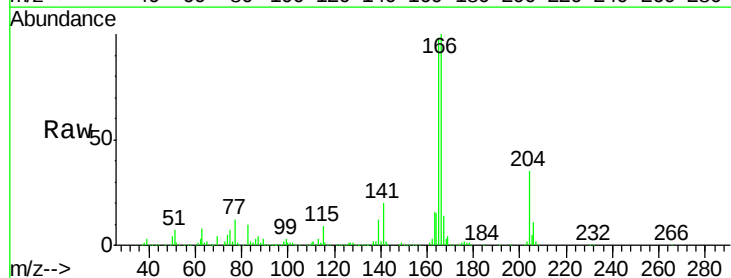


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

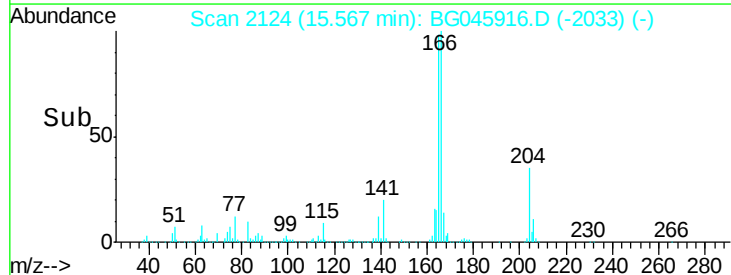
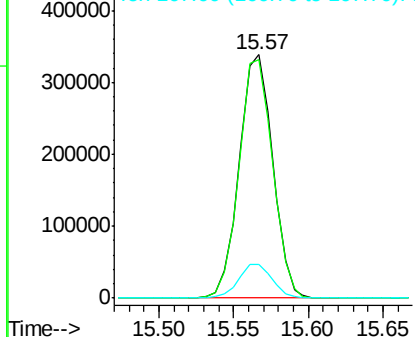


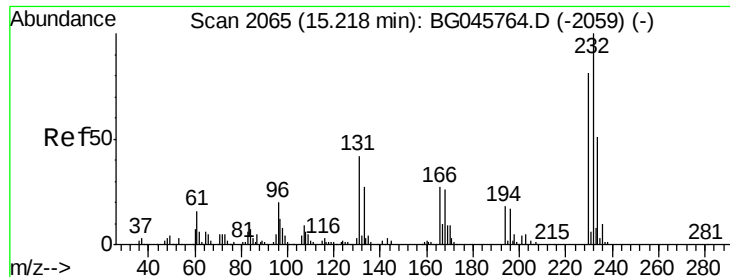
#58
Fluorene
Concen: 46.203 ng
RT: 15.57 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion:166 Resp: 526508
Ion Ratio Lower Upper
166 100
165 97.9 76.9 115.3
167 13.7 11.3 16.9



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

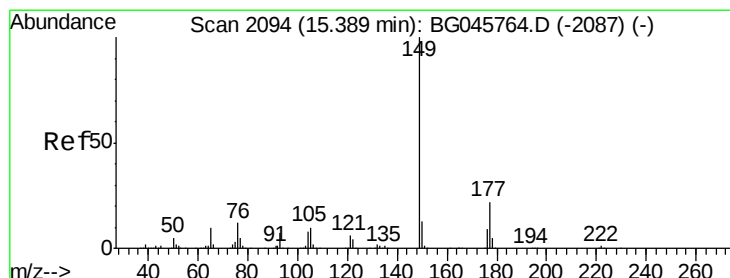
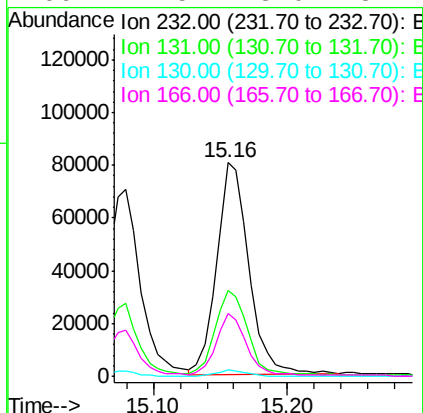
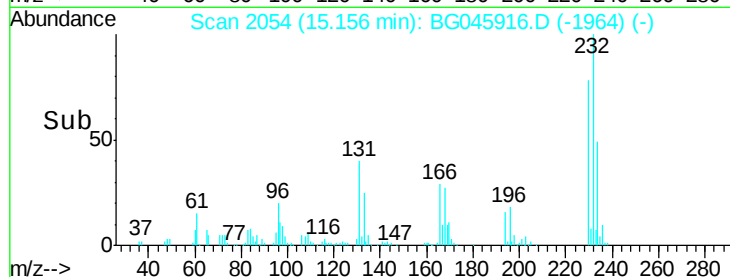
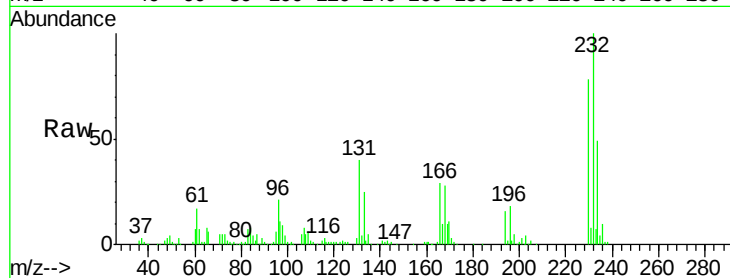




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.781 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

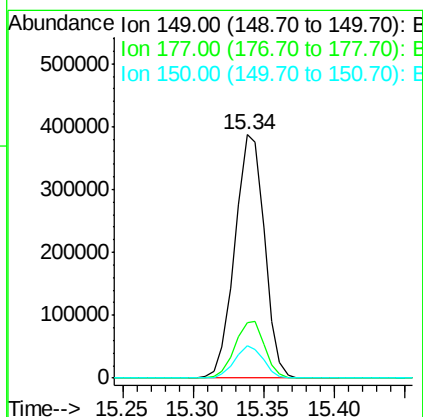
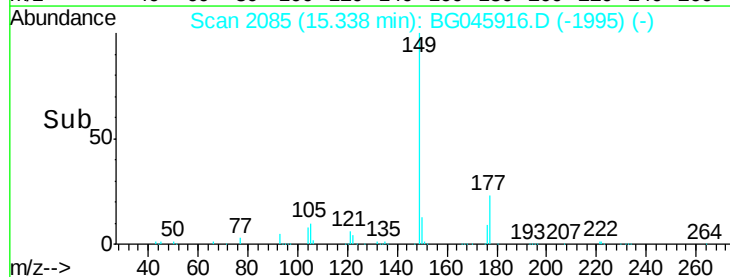
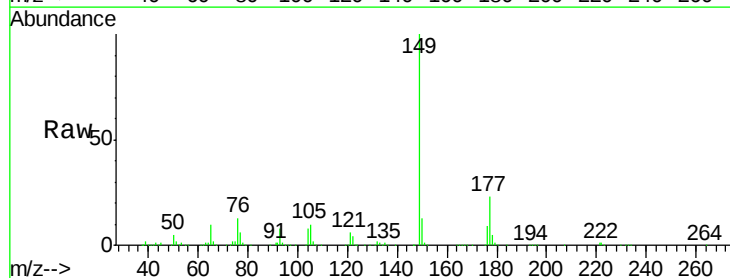
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMSD

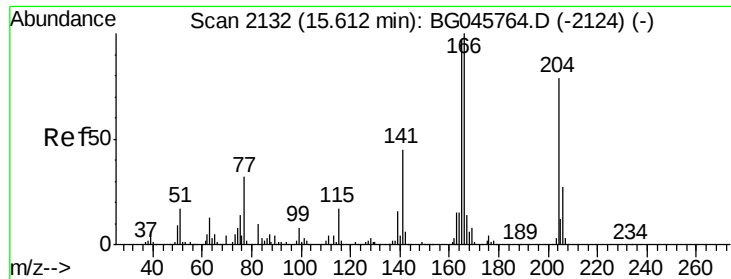
Tot Ion:	232	Resp:	135307
Ion	Ratio	Lower	Upper
232	100		
131	41.2	34.2	51.2
130	2.7	2.1	3.1
166	27.5	23.0	34.4



#60
 Diethylphthalate
 Concen: 47.049 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Tgt Ion:	149	Resp:	566094
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.6	28.0
150	13.1	10.2	15.2

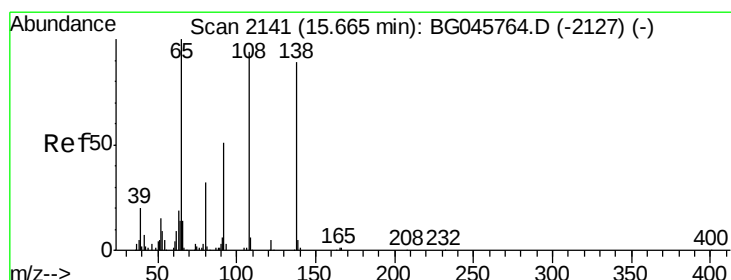
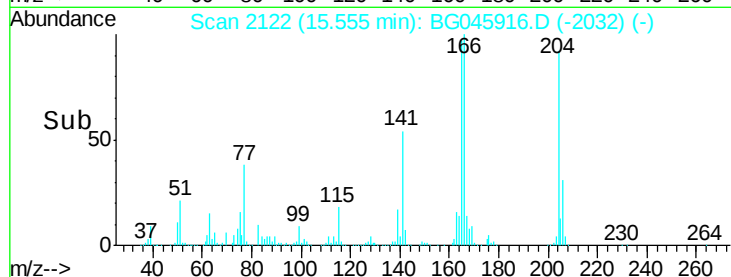
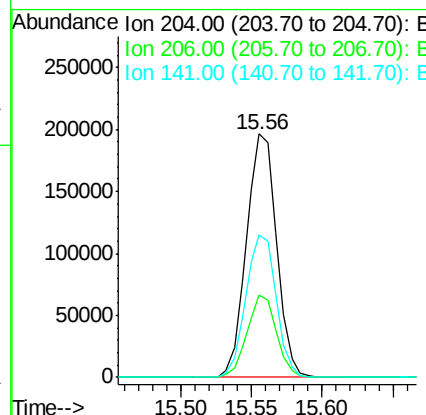
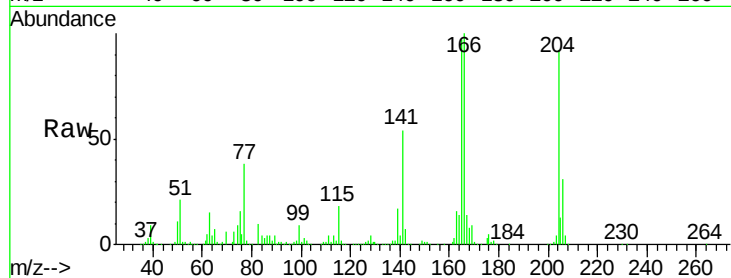




#61
4-Chlorophenyl-phenylether
Concen: 44.710 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

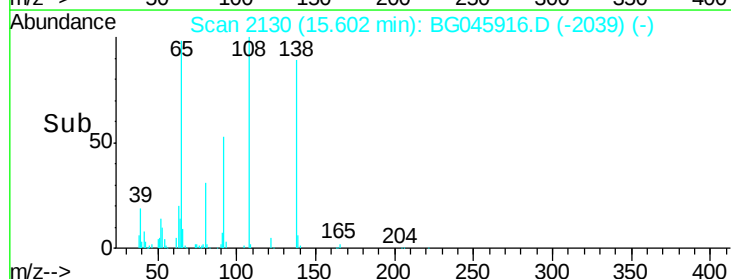
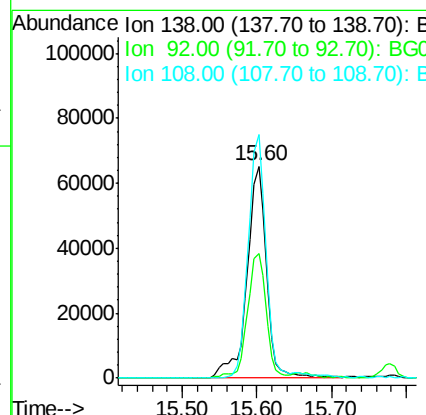
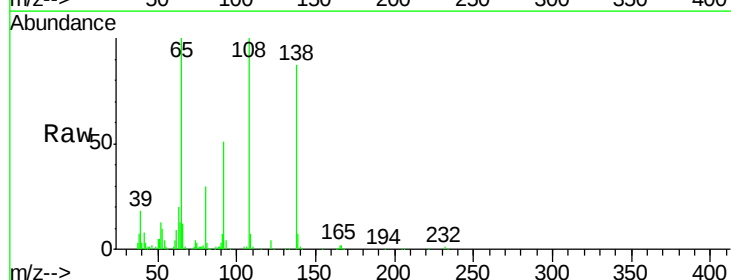
Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

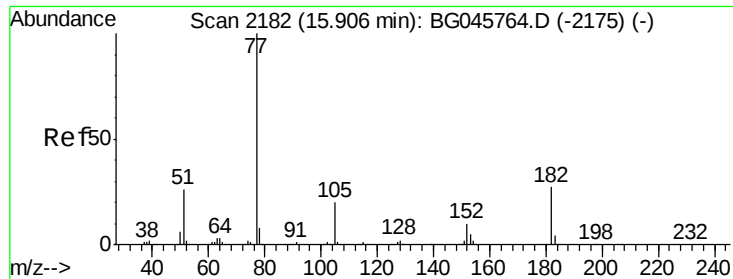
Tot Ion:204 Resp: 293651
Ion Ratio Lower Upper
204 100
206 33.8 26.4 39.6
141 58.8 47.9 71.9



#62
4-Nitroaniline
Concen: 43.781 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion:138 Resp: 118645
Ion Ratio Lower Upper
138 100
92 58.9 34.9 74.9
108 114.9 92.3 132.3

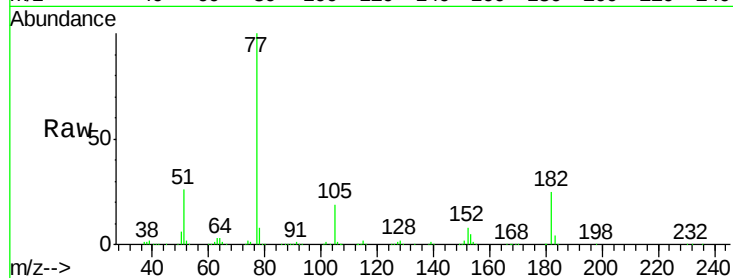




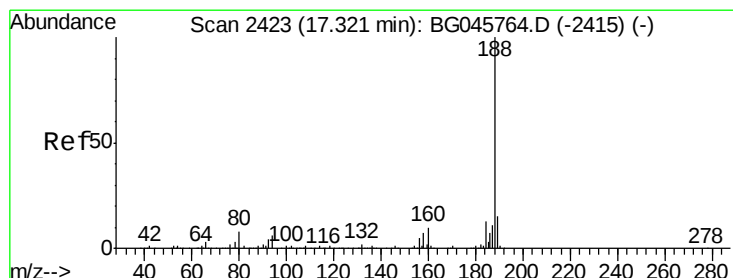
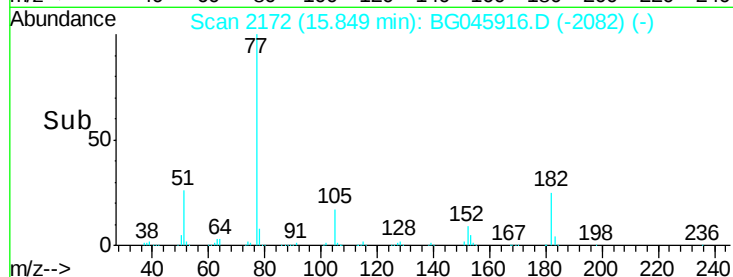
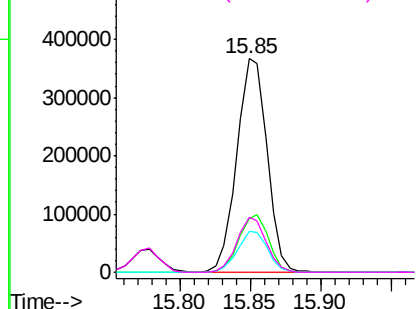
#63
Azobenzene
Concen: 47.305 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion: 77 Resp: 546518
Ion Ratio Lower Upper
77 100
182 24.9 6.0 46.0
105 18.9 0.0 38.0
51 25.7 4.7 44.7

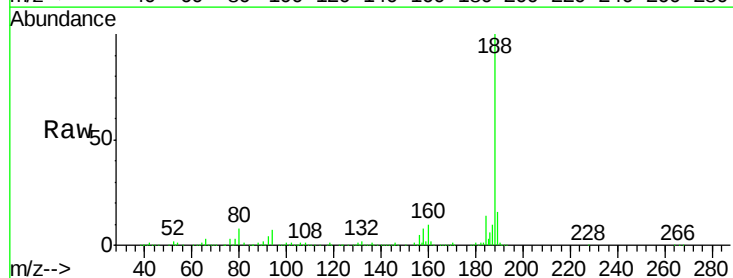


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

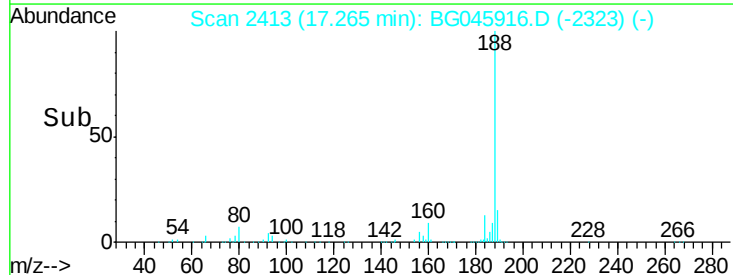
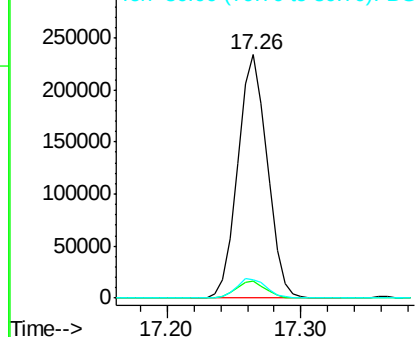


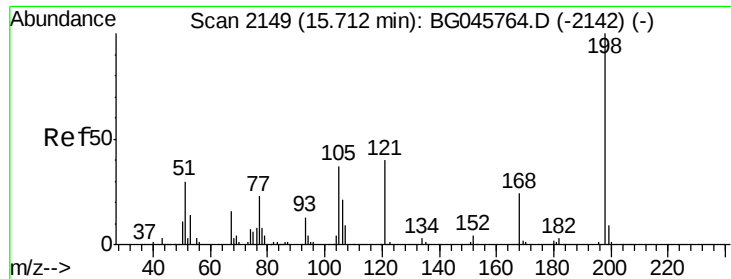
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion: 188 Resp: 357332
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 7.7 6.1 9.1



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: 46.222 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

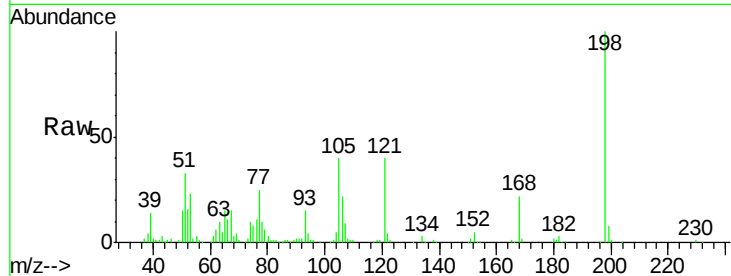
Tot Ion:198 Resp: 102072

Ion Ratio Lower Upper

198 100

51 32.7 14.6 54.6

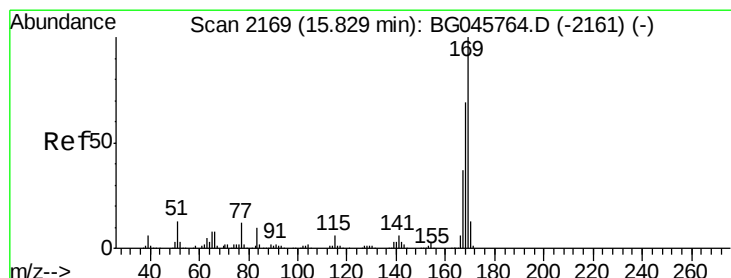
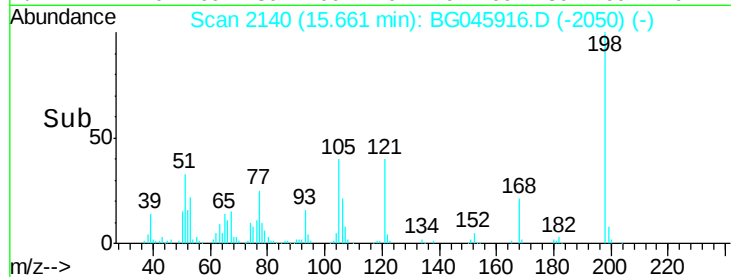
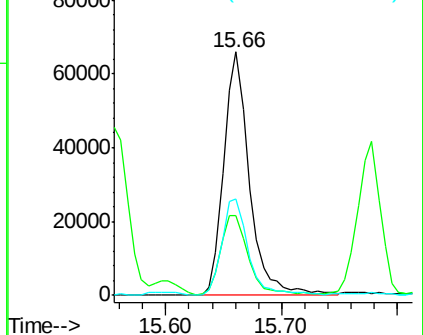
105 39.6 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.262 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

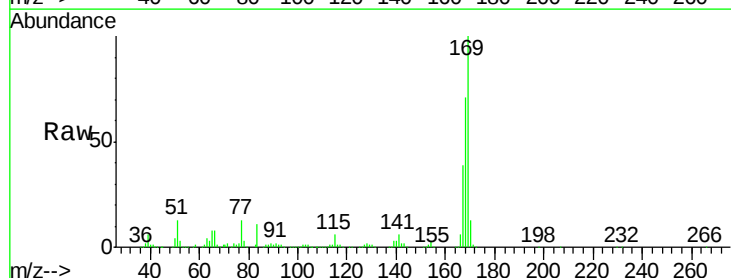
Tgt Ion:169 Resp: 468223

Ion Ratio Lower Upper

169 100

168 70.6 53.6 80.4

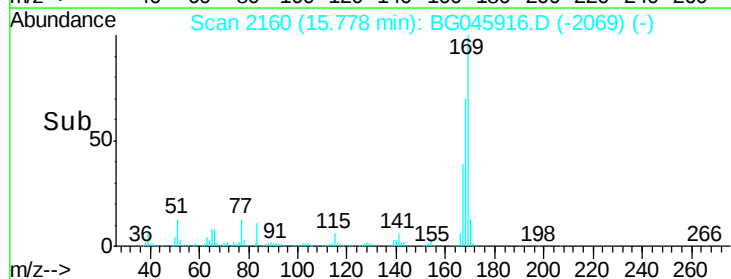
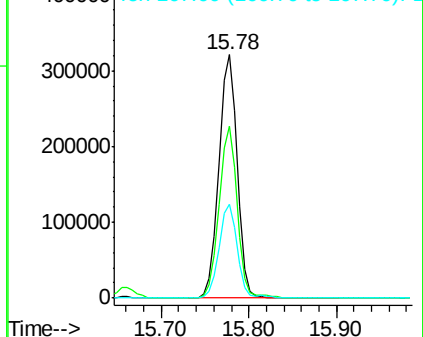
167 38.8 30.7 46.1

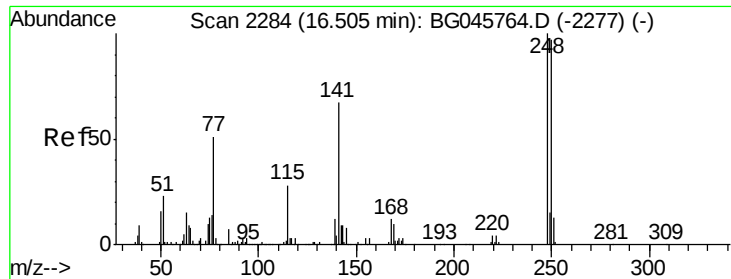


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

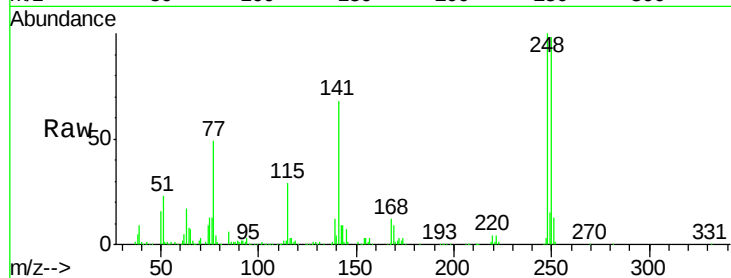




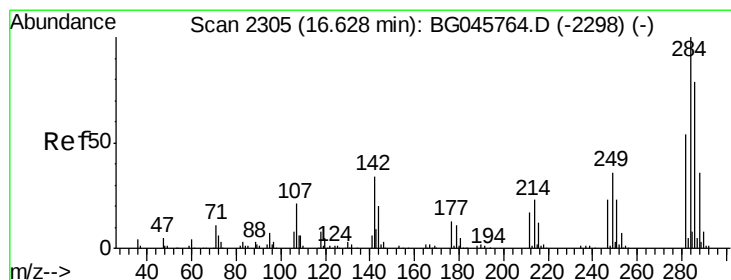
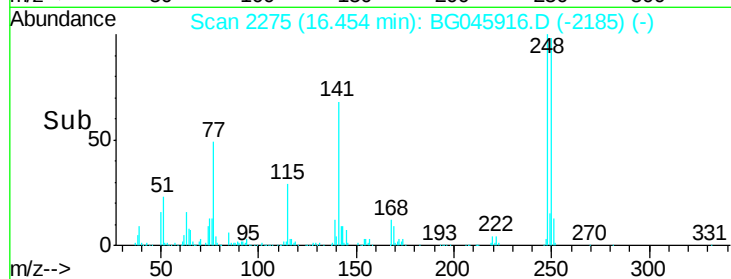
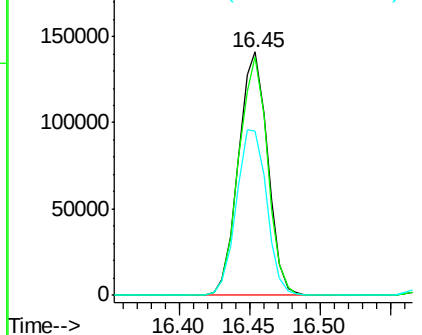
#67
4-Bromophenyl-phenylether
Concen: 44.007 ng
RT: 16.45 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampled :
SP2-LMSD

Tot Ion:248 Resp: 204325
Ion Ratio Lower Upper
248 100
250 97.9 77.2 115.8
141 67.5 52.6 79.0

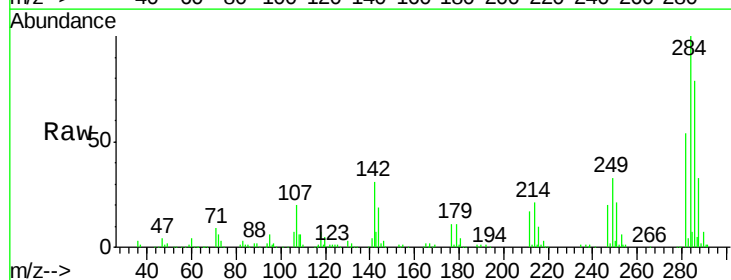


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

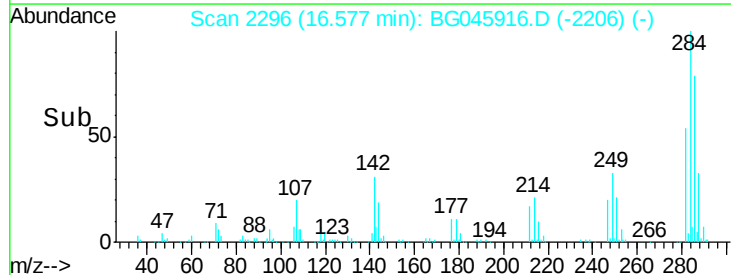
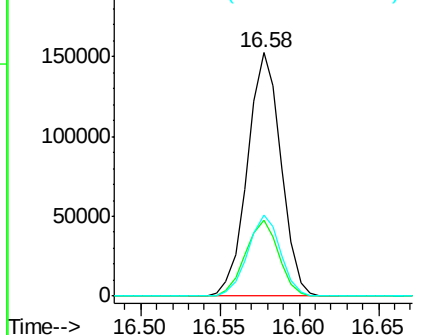


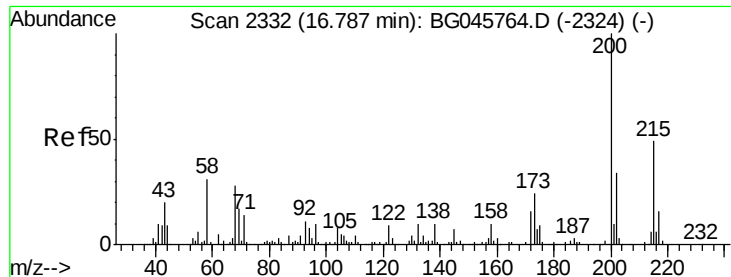
#68
Hexachlorobenzene
Concen: 46.428 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion:284 Resp: 223531
Ion Ratio Lower Upper
284 100
142 31.1 23.2 34.8
249 33.2 25.5 38.3



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

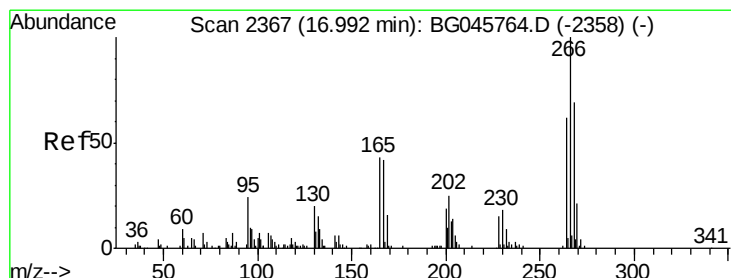
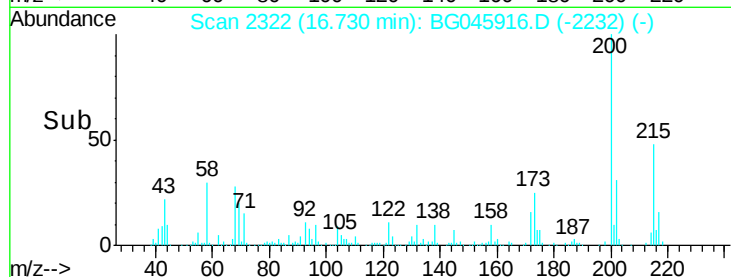
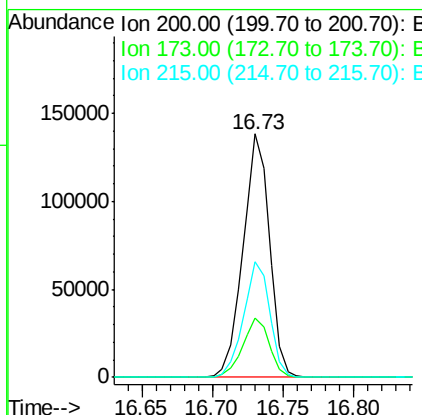
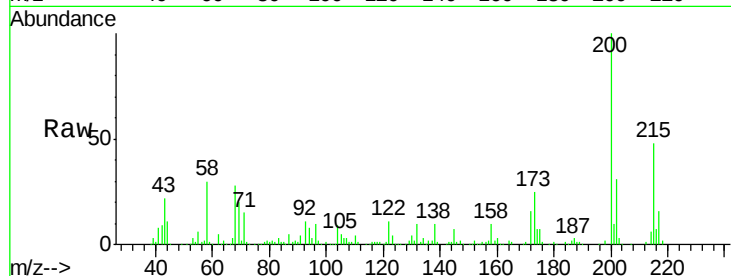




#69
 Atrazine
 Concen: 46.168 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

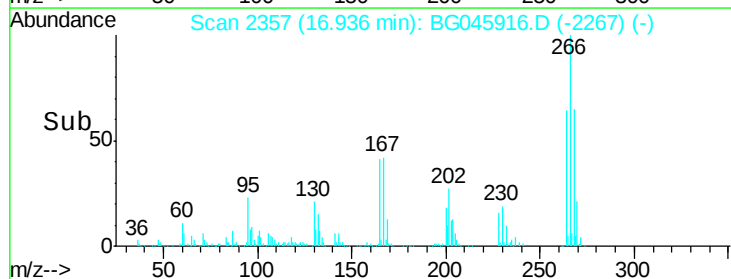
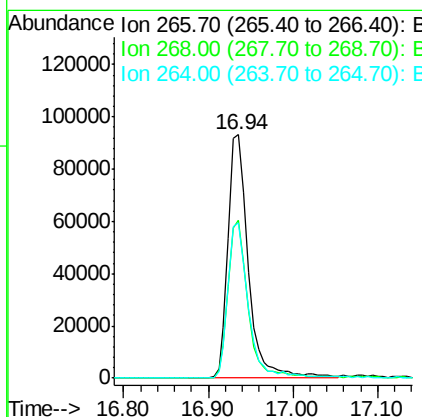
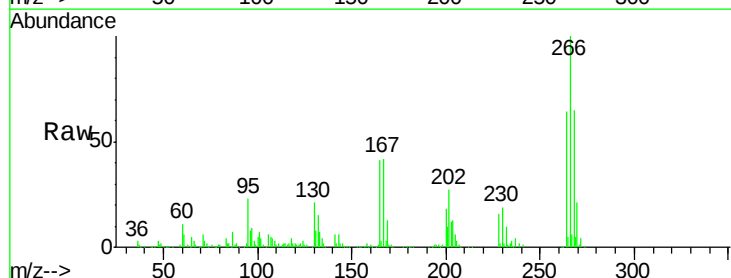
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMSD

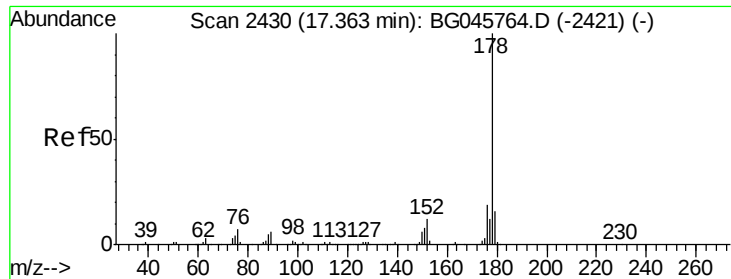
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.3	44.3
215	47.7	30.5	70.5



#70
 Pentachlorophenol
 Concen: 66.727 ng
 RT: 16.94 min Scan# 2357
 Delta R.T. -0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.5	75.7
264	63.8	47.0	70.6

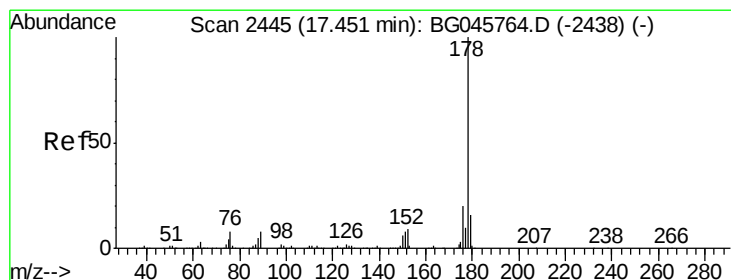
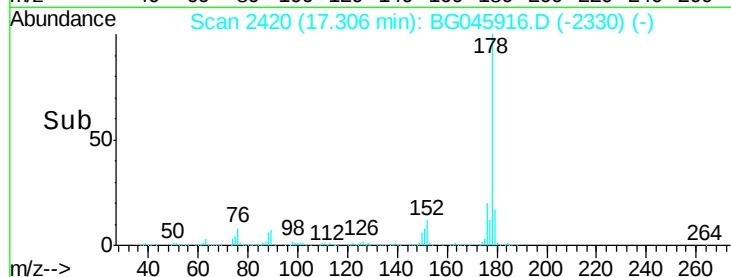
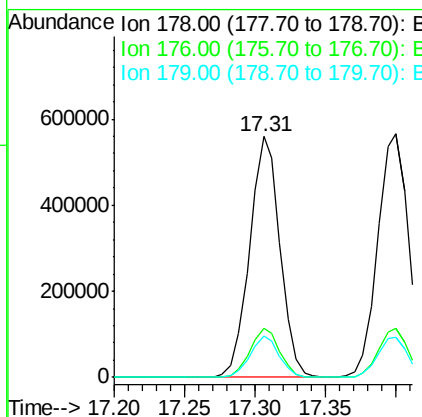
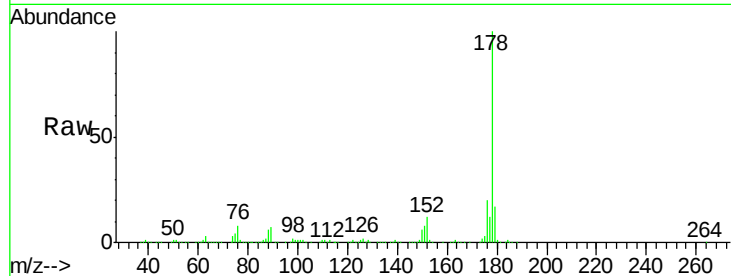




#71
Phenanthrene
Concen: 45.793 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

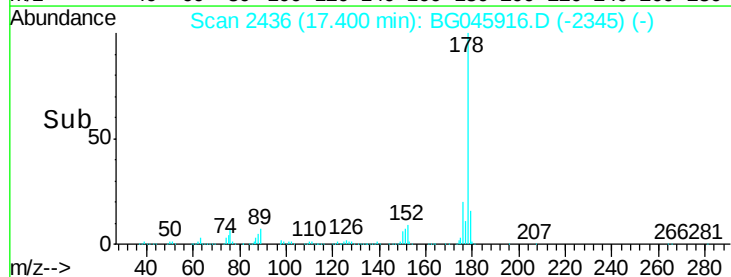
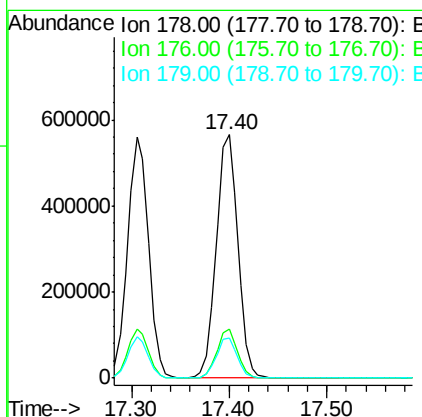
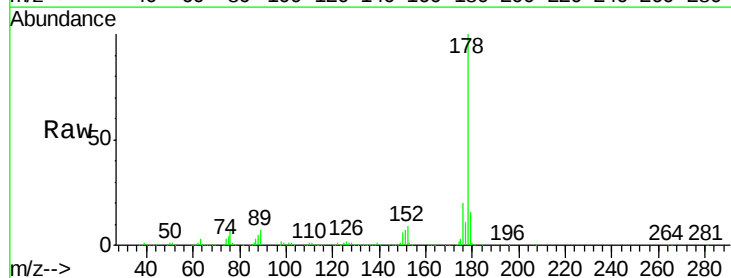
Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

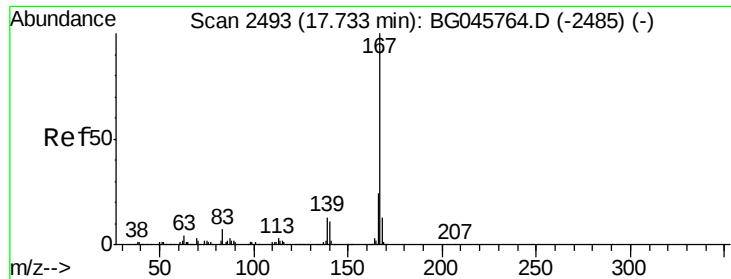
Tot Ion:178 Resp: 843915
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 16.9 12.6 19.0



#72
Anthracene
Concen: 47.150 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion:178 Resp: 865286
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 16.4 13.0 19.4

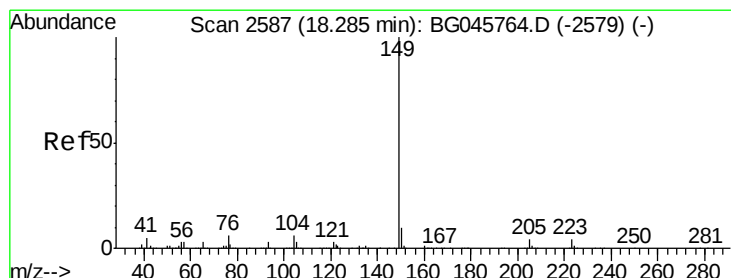
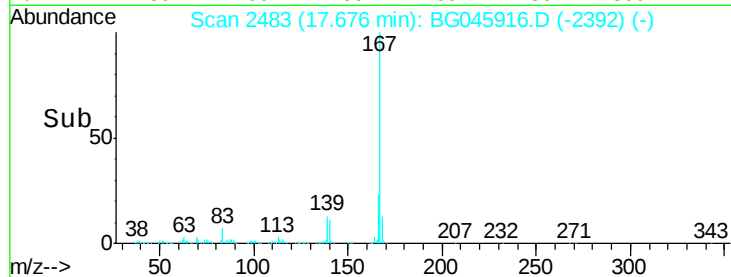
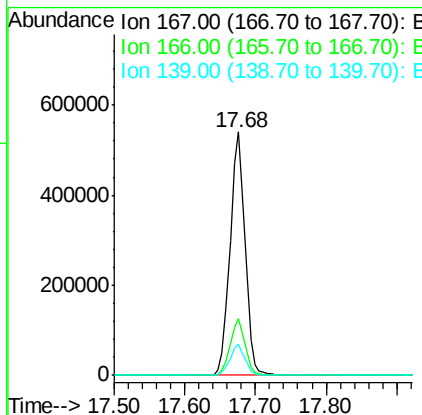
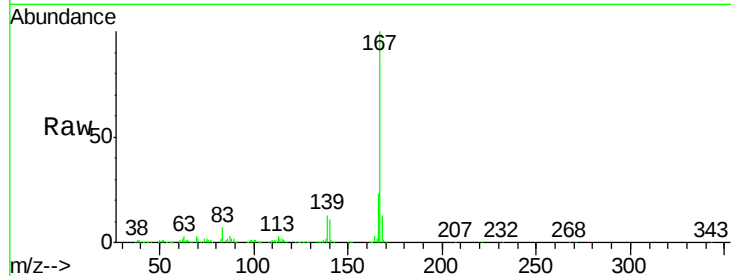




#73
 Carbazole
 Concen: 46.055 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

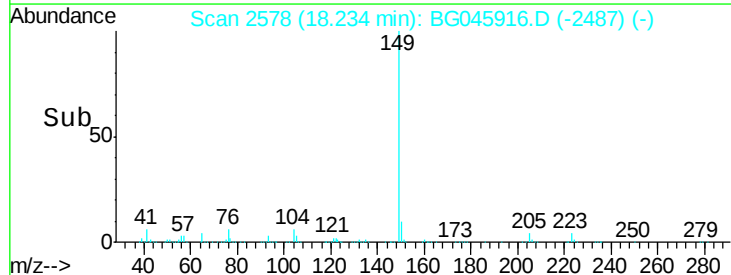
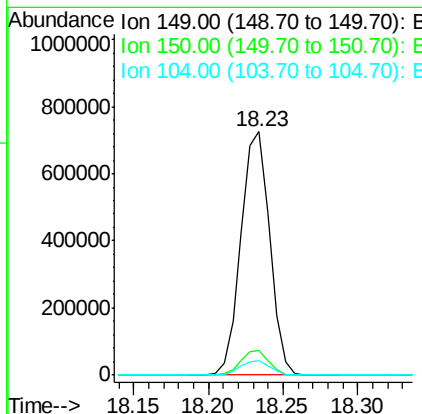
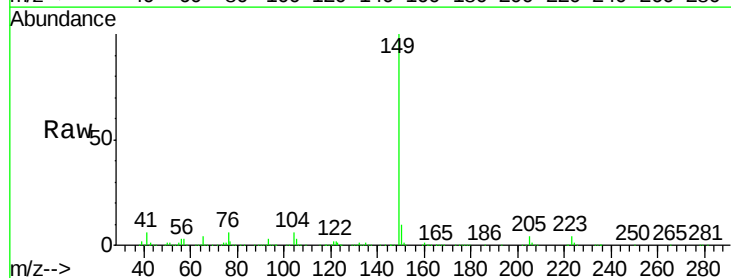
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMSD

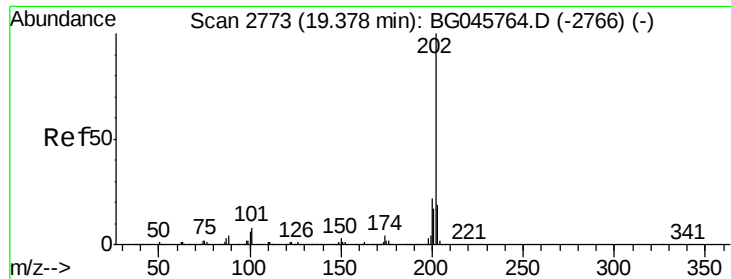
Tot Ion:167 Resp: 804753
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.9 28.3
 139 13.0 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 46.866 ng
 RT: 18.23 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Tgt Ion:149 Resp: 969660
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.4 11.0
 104 6.2 5.0 7.4





#75

Fluoranthene

Concen: 46.566 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

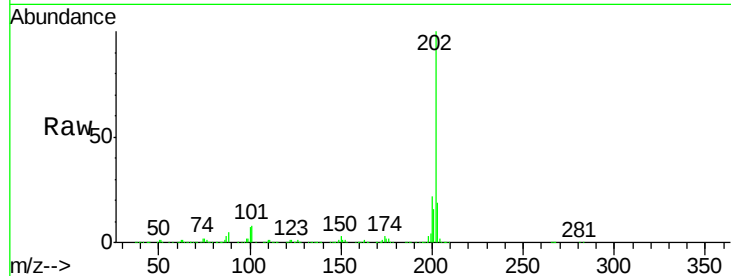
Tot Ion:202 Resp: 1055268

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

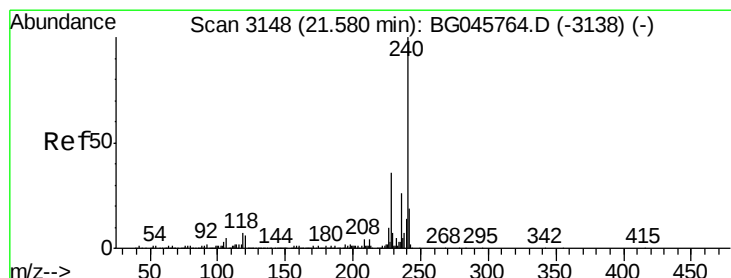
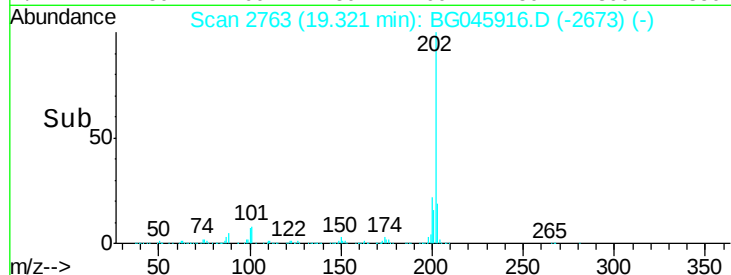
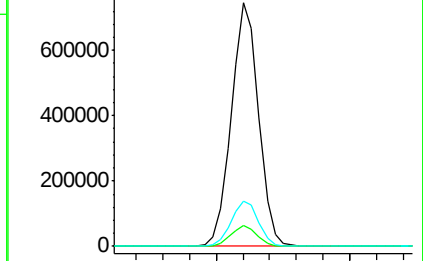
203 18.7 0.0 38.5



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. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

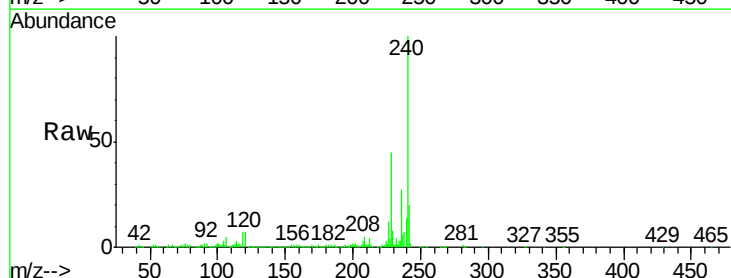
Tgt Ion:240 Resp: 337119

Ion Ratio Lower Upper

240 100

120 6.6 5.2 7.8

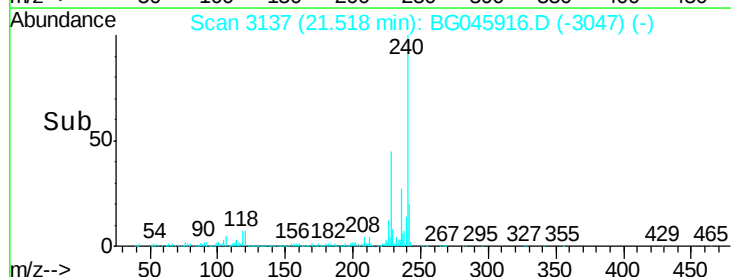
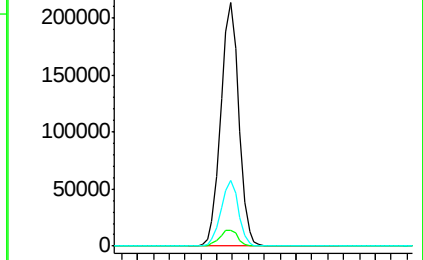
236 26.8 20.8 31.2

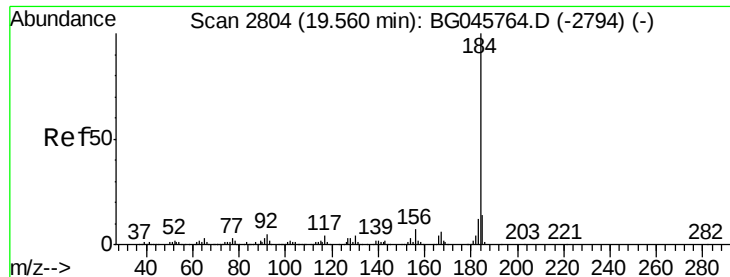


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.272 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

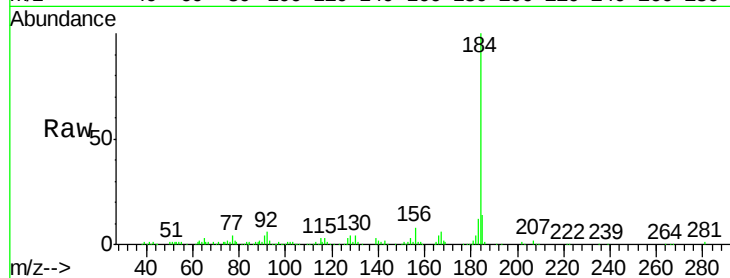
Tot Ion:184 Resp: 125079

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

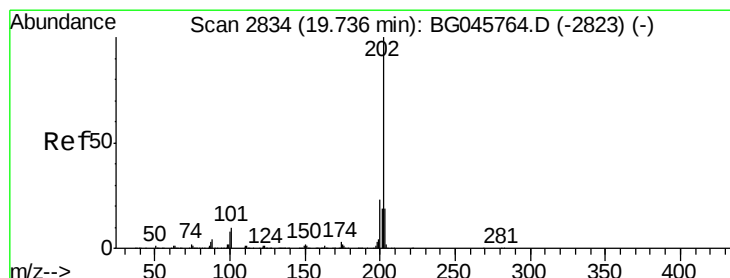
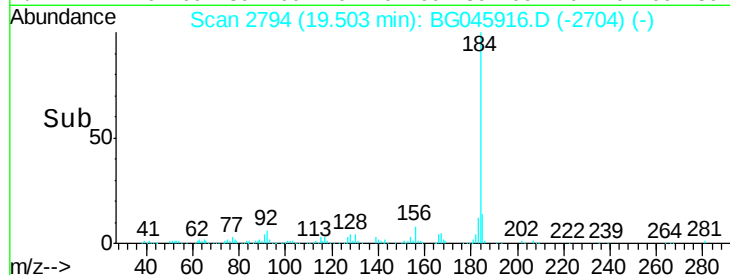
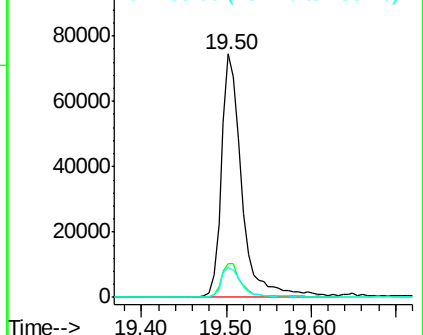
183 12.4 10.6 15.8



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: 46.387 ng

RT: 19.68 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

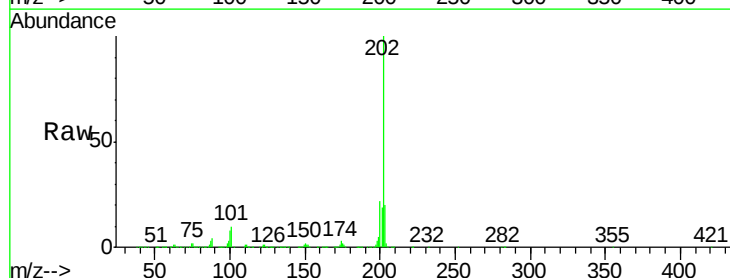
Tgt Ion:202 Resp: 1047167

Ion Ratio Lower Upper

202 100

200 22.3 18.1 27.1

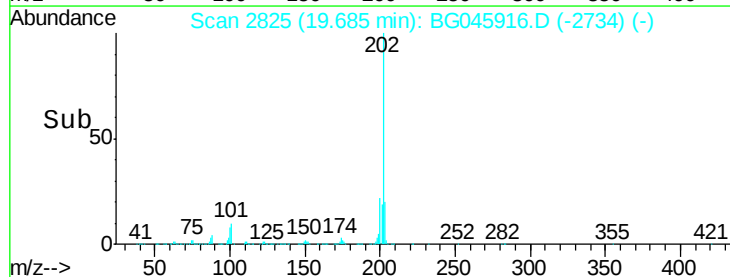
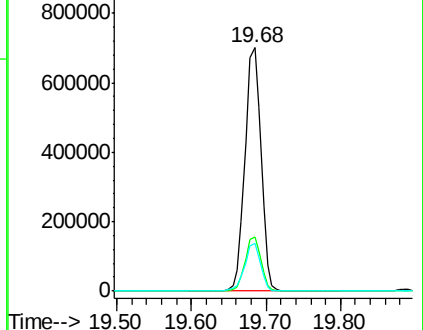
203 19.6 15.1 22.7

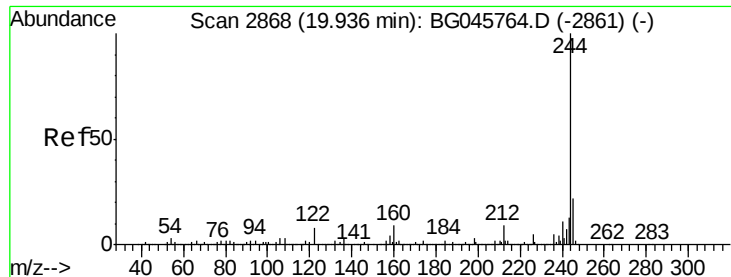


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.205 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

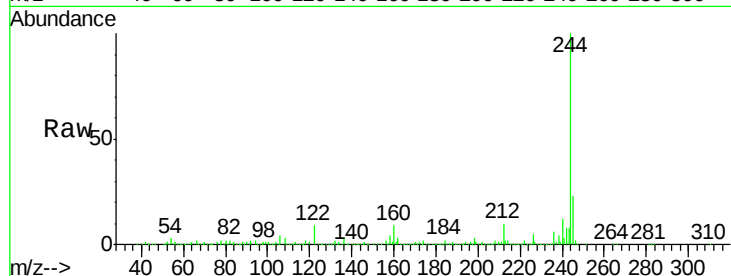
Tot Ion:244 Resp: 1550443

Ion Ratio Lower Upper

244 100

212 9.8 7.0 10.6

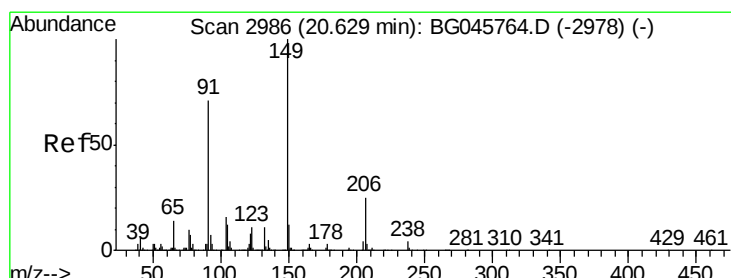
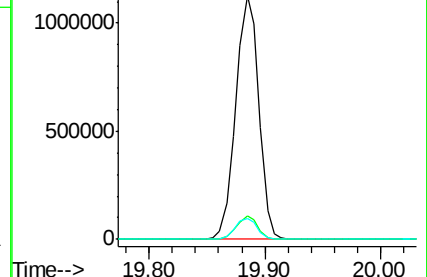
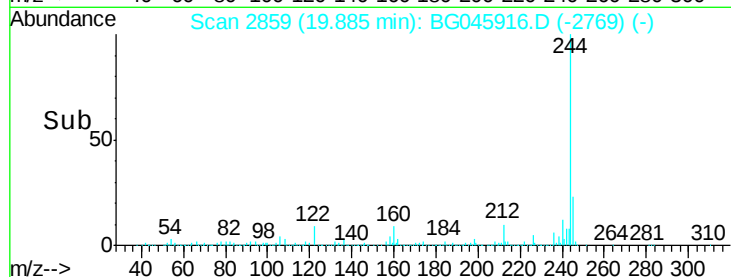
122 8.8 6.6 9.8



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: 46.089 ng

RT: 20.58 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

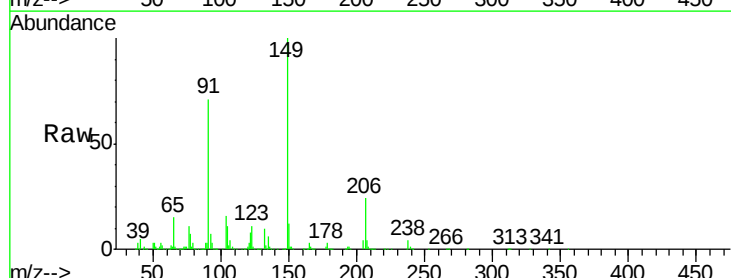
Tgt Ion:149 Resp: 435502

Ion Ratio Lower Upper

149 100

91 71.1 60.4 90.6

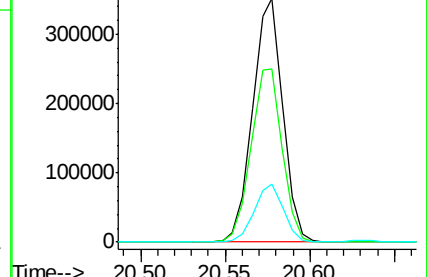
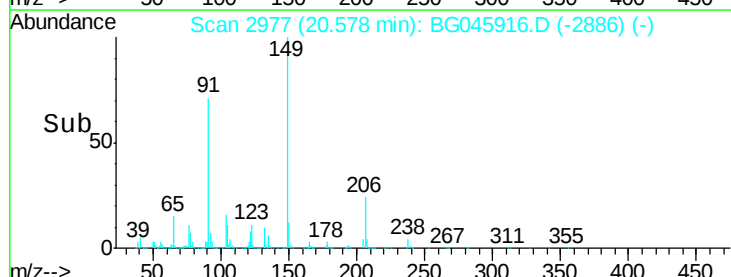
206 24.1 19.8 29.6

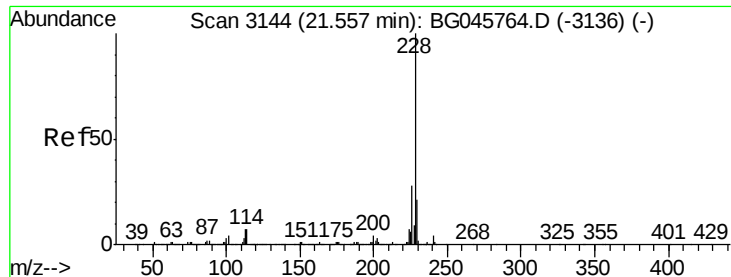


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.786 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

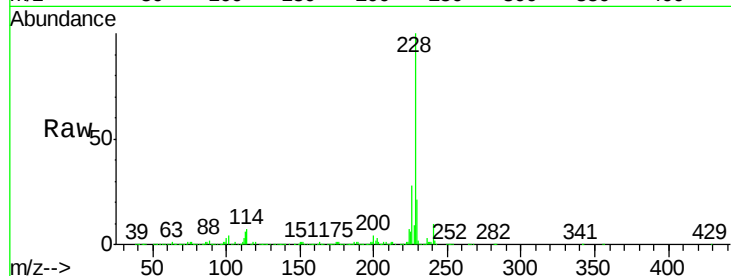
Tot Ion:228 Resp: 1000723

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.3	34.9
229	20.7	16.6	24.8

228 100

226 28.3 23.3 34.9

229 20.7 16.6 24.8

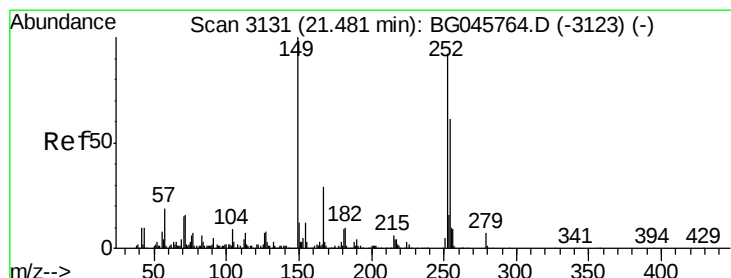
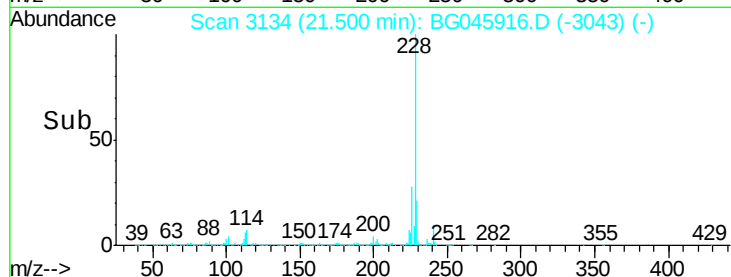
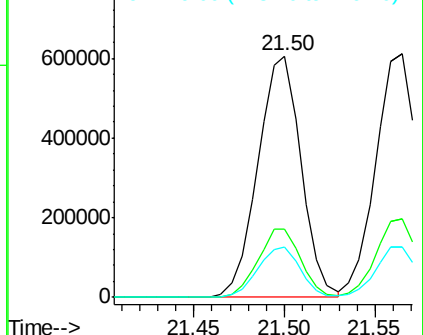


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.960 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

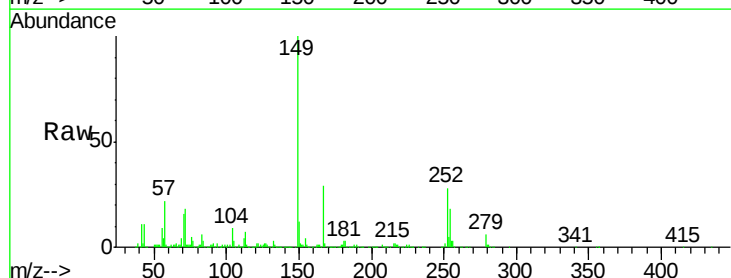
Tgt Ion:252 Resp: 181551

Ion	Ratio	Lower	Upper
252	100		
254	63.9	53.8	80.6
126	7.8	6.4	9.6

252 100

254 63.9 53.8 80.6

126 7.8 6.4 9.6

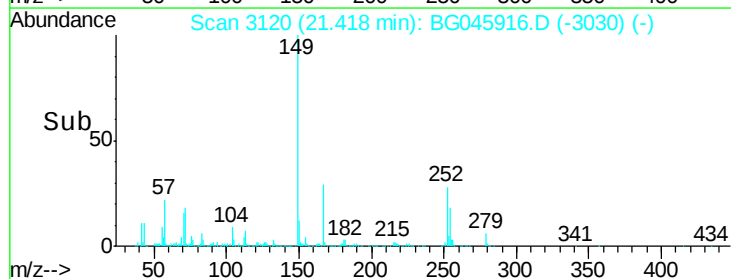
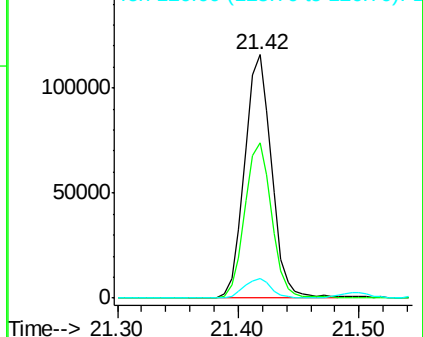


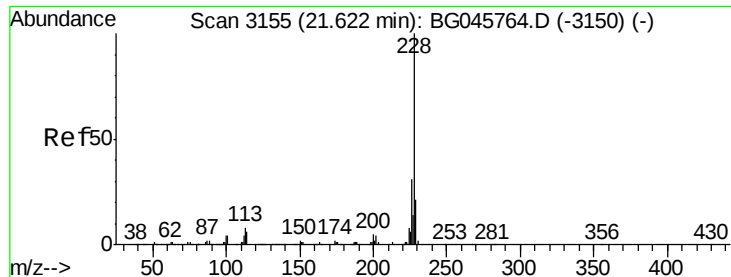
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.815 ng

RT: 21.56 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

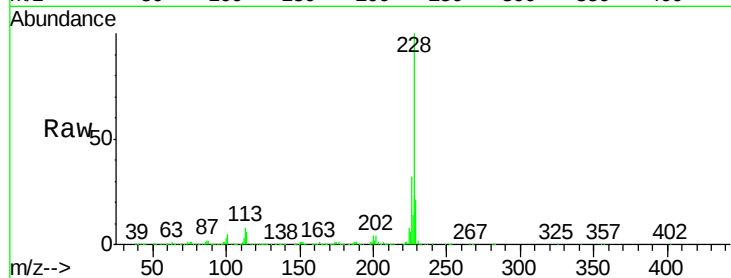
BNA_G

ClientSampleId :

SP2-LMSD

Tot Ion:228 Resp: 968547

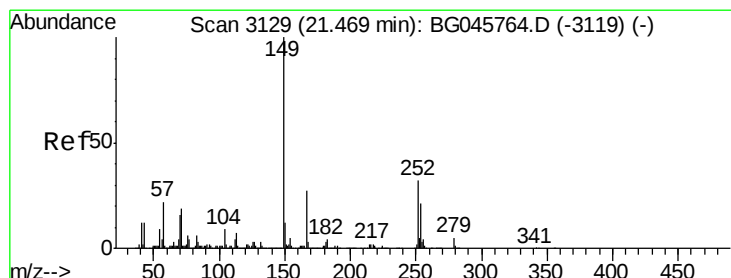
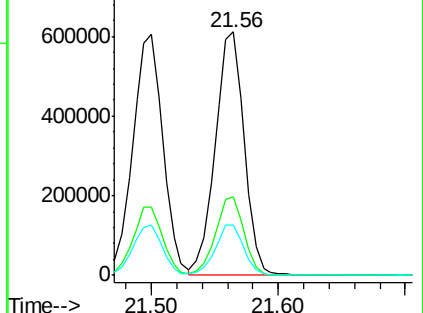
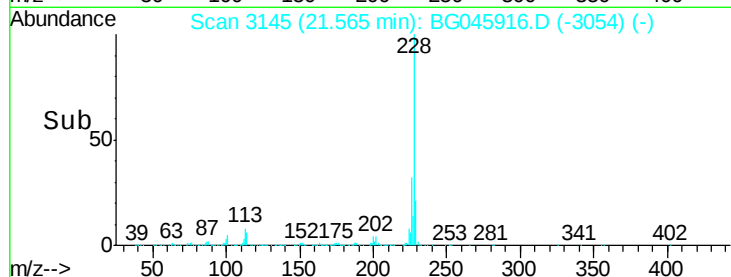
Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.8	38.6
229	20.8	16.4	24.6



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: 46.802 ng

RT: 21.41 min Scan# 3119

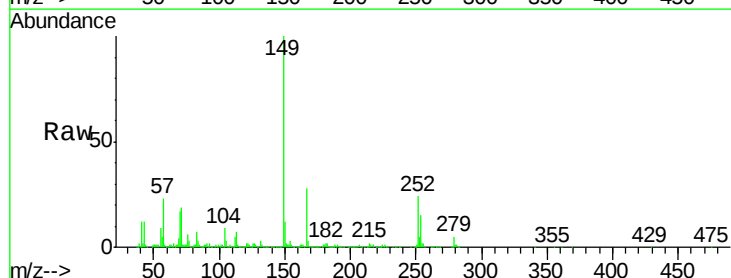
Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tgt Ion:149 Resp: 615145

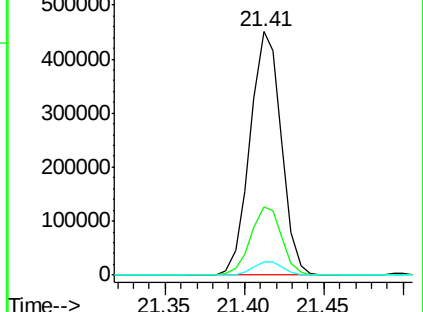
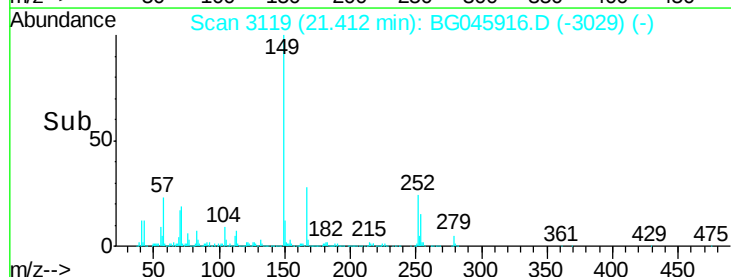
Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.5	33.7
279	5.4	4.4	6.6

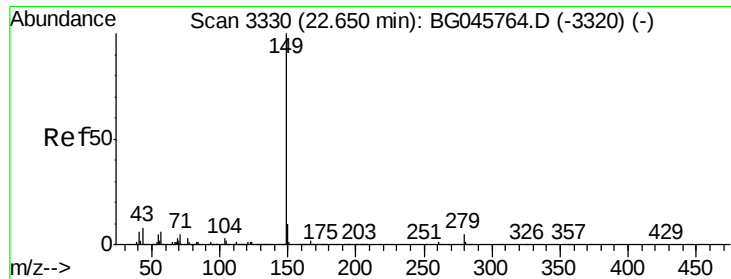


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.674 ng

RT: 22.58 min Scan# 3317

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

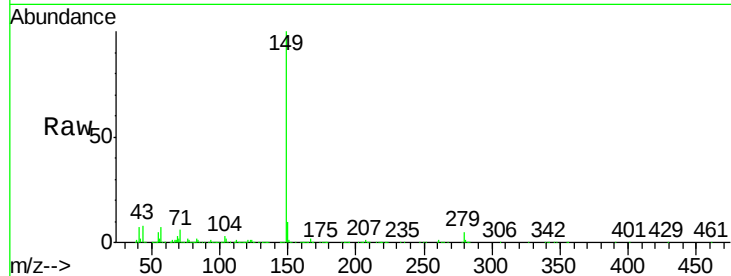
Tot Ion:149 Resp: 1058165

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 7.5 6.1 9.1

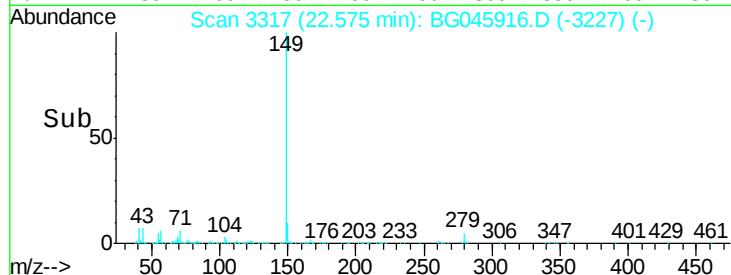


Abundance Ion 149.00 (148.70 to 149.70): E

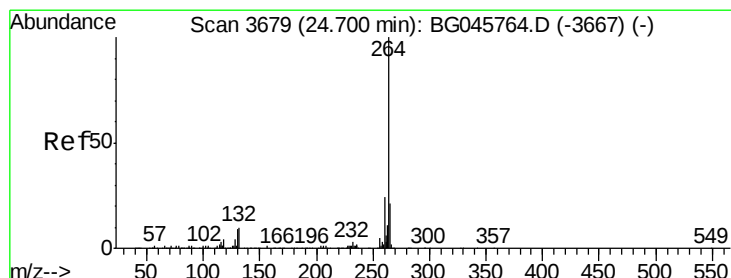
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.58



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3661

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

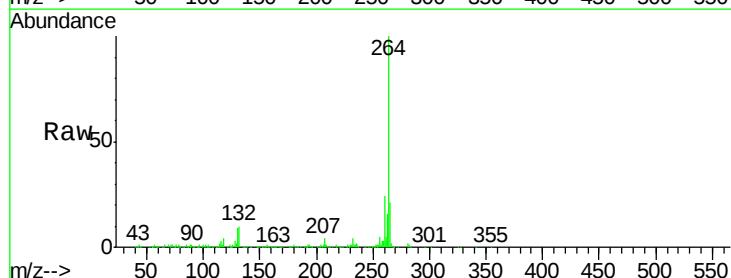
Tgt Ion:264 Resp: 354968

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.4 16.4 24.6

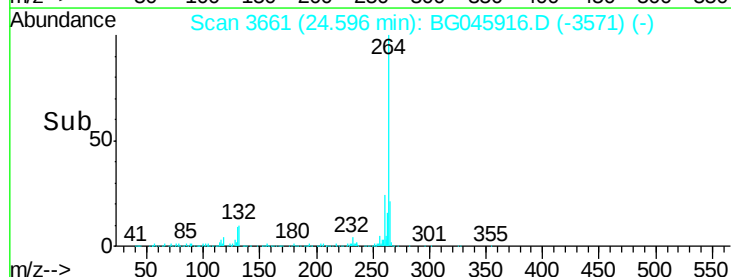


Abundance Ion 264.00 (263.70 to 264.70): E

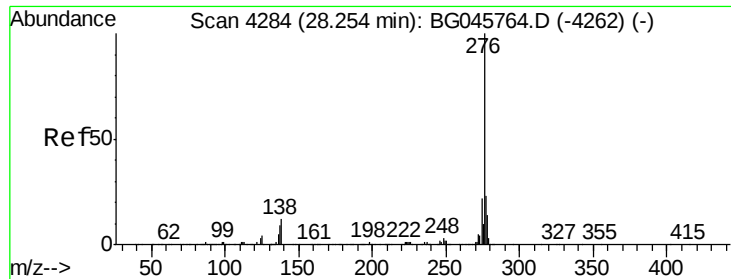
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

24.60



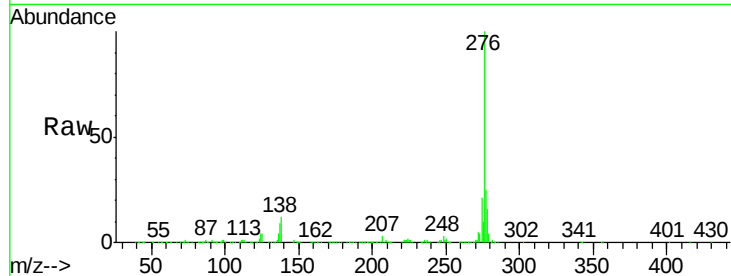
Time-->



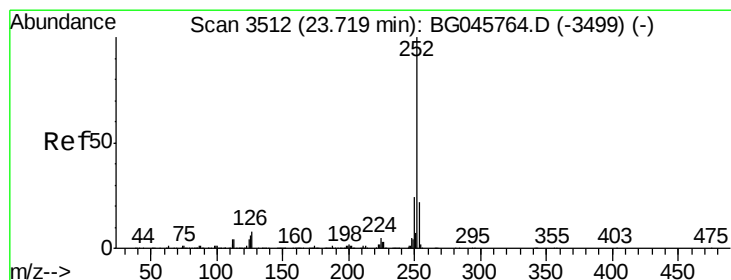
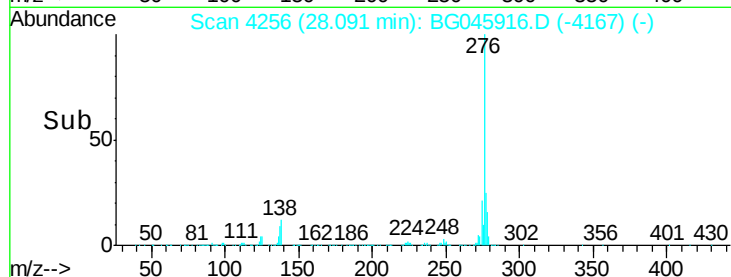
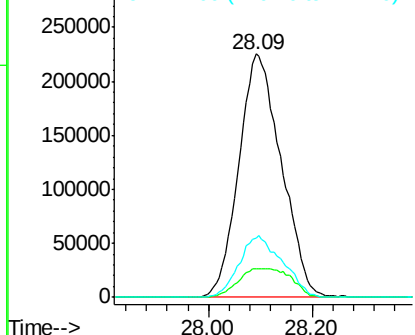
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.864 ng
 RT: 28.09 min Scan# 4256
 Delta R.T. -0.01 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMSD

Tot Ion:276 Resp: 1283178
 Ion Ratio Lower Upper
 276 100
 138 14.7 8.4 12.6#
 277 25.8 20.8 31.2

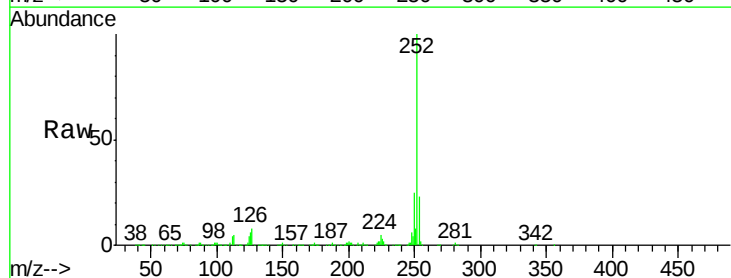


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

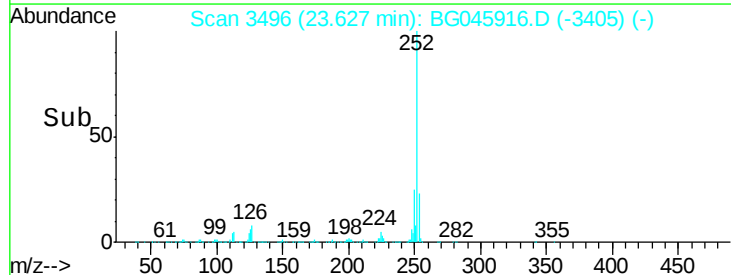
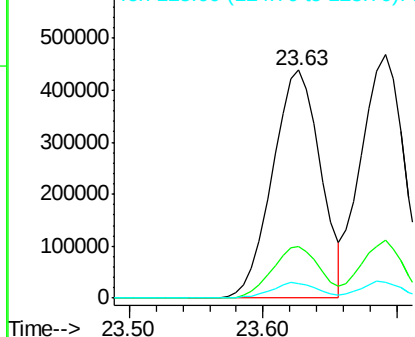


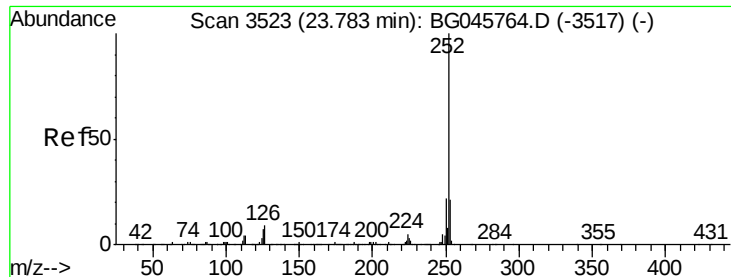
#88
 Benzo(b)fluoranthene
 Concen: 49.151 ng
 RT: 23.63 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Tgt Ion:252 Resp: 1093925
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.5 27.7
 125 6.4 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

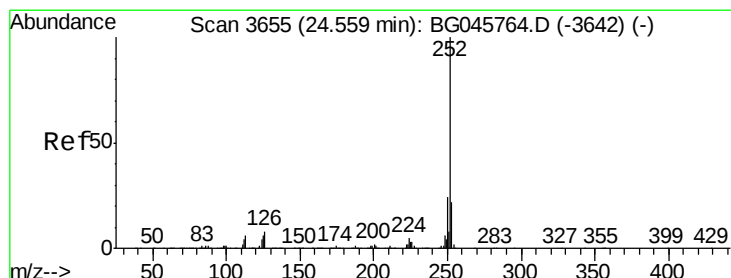
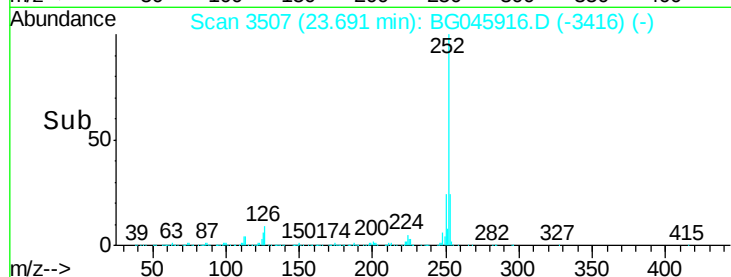
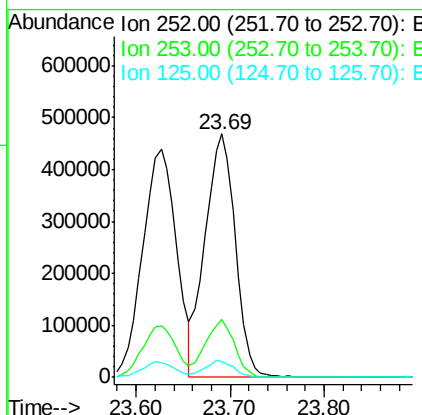
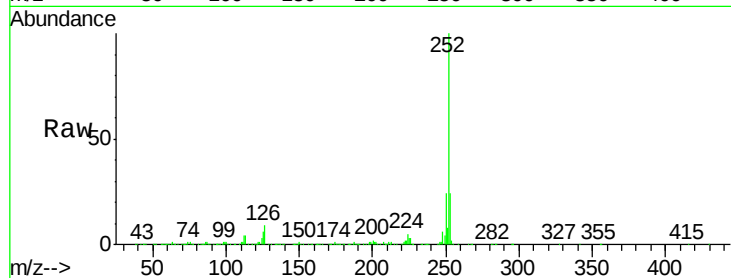




#89
Benzo(k)fluoranthene
Concen: 49.264 ng
RT: 23.69 min Scan# 3507
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

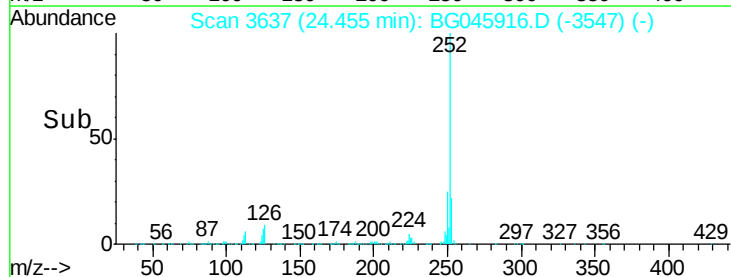
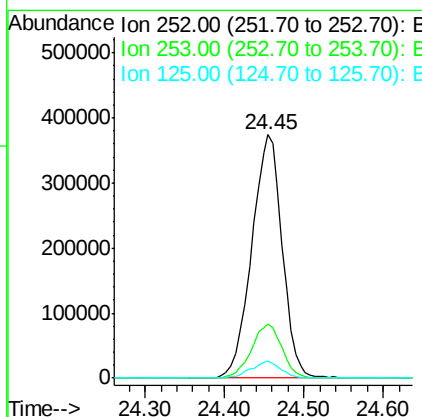
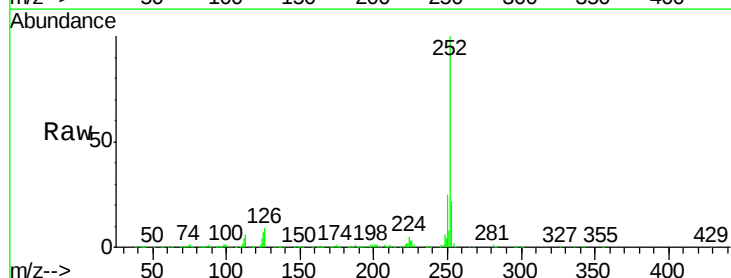
Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

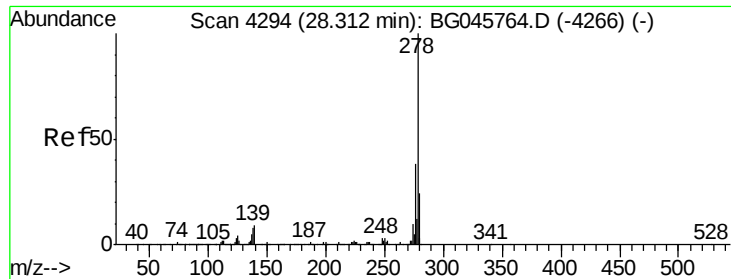
Tot Ion:252 Resp: 1049364
Ion Ratio Lower Upper
252 100
253 24.1 18.3 27.5
125 6.3 5.2 7.8



#90
Benzo(a)pyrene
Concen: 48.010 ng
RT: 24.45 min Scan# 3637
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion:252 Resp: 998149
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 6.9 5.4 8.0





#91

Dibenzo(a,h)anthracene

Concen: 49.956 ng

RT: 28.15 min Scan# 4266

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

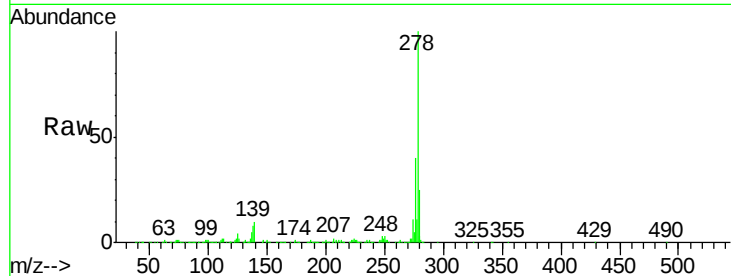
Tot Ion:278 Resp: 1030895

Ion	Ratio	Lower	Upper
278	100		
139	9.5	7.8	11.8
279	25.3	19.4	29.0

278 100

139 9.5 7.8 11.8

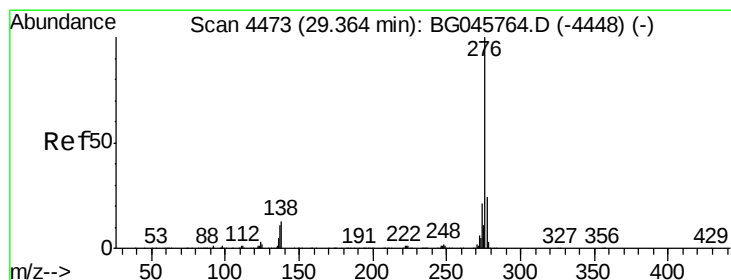
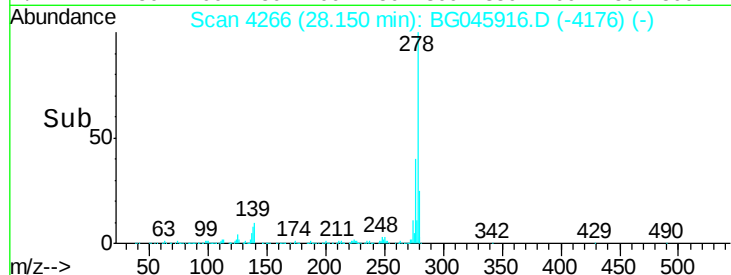
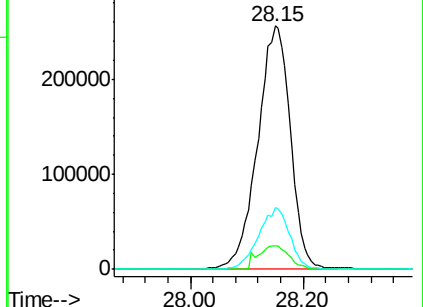
279 25.3 19.4 29.0



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: 50.149 ng

RT: 29.18 min Scan# 4442

Delta R.T. -0.01 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

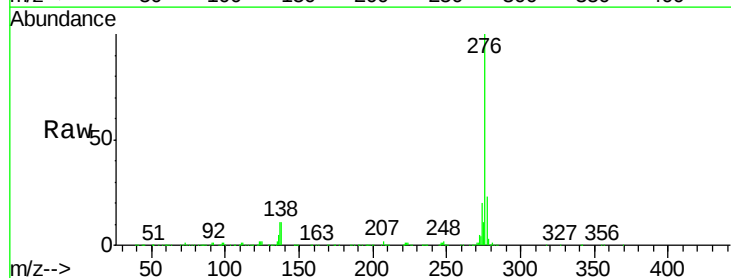
Tgt Ion:276 Resp: 1035829

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.2	27.2
138	11.5	10.1	15.1

276 100

277 23.0 18.2 27.2

138 11.5 10.1 15.1



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

