

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045542.D
 Acq On : 30 May 2020 6:02
 Operator : CG/JU
 Sample : L2505-10MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Quant Time: May 30 06:55:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	67466	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	271340	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	199428	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	469740	20.00	ng	0.00
76) Chrysene-d12	21.61	240	426444	20.00	ng	0.00
87) Perylene-d12	24.75	264	470400	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	507647	147.05	ng	0.00
7) Phenol-d6	7.16	99	635528	129.34	ng	0.00
23) Nitrobenzene-d5	9.11	82	522356	104.98	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	394418	154.65	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1172625	99.74	ng	0.00
79) Terphenyl-d14	19.96	244	1918724	104.94	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	66949	39.108	ng	# 37
3) Pyridine	3.82	79	155576	32.631	ng	95
4) n-Nitrosodimethylamine	3.72	42	70469	45.168	ng	91
6) Aniline	7.28	93	251168	39.159	ng	97
8) 2-Chlorophenol	7.53	128	204843	54.109	ng	100
9) Benzaldehyde	7.09	77	106106	33.145	ng	97
10) Phenol	7.18	94	225211	44.473	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	194860	49.332	ng	99
12) 1,3-Dichlorobenzene	7.85	146	213595	46.950	ng	98
13) 1,4-Dichlorobenzene	7.99	146	221152	49.258	ng	98
14) 1,2-Dichlorobenzene	8.31	146	206161	47.743	ng	97
15) Benzyl Alcohol	8.20	79	213266	52.541	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	182787	48.751	ng	99
17) 2-Methylphenol	8.43	107	181705	47.938	ng	94
18) Hexachloroethane	9.04	117	84975	49.418	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	176519	51.952	ng	98
20) 3+4-Methylphenols	8.76	107	237690	46.050	ng	# 88
22) Acetophenone	8.77	105	323155	50.249	ng	# 97
24) Nitrobenzene	9.16	77	265379	49.780	ng	97
25) Isophorone	9.68	82	499570	50.980	ng	98
26) 2-Nitrophenol	9.87	139	120224	52.717	ng	93
27) 2,4-Dimethylphenol	9.95	122	195799	57.887	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	274592	53.432	ng	97
29) 2,4-Dichlorophenol	10.43	162	218433	54.687	ng	95
30) 1,2,4-Trichlorobenzene	10.62	180	240384	50.932	ng	95
31) Naphthalene	10.81	128	644707	50.988	ng	98
32) Benzoic acid	10.13	122	98438	43.879	ng	99
33) 4-Chloroaniline	10.93	127	92989	17.594	ng	94
34) Hexachlorobutadiene	11.11	225	161708	48.470	ng	95
35) Caprolactam	11.70	113	33678	22.971	ng	99
36) 4-Chloro-3-methylphenol	12.08	107	247523	54.995	ng	96
37) 2-Methylnaphthalene	12.42	142	500278	53.084	ng	99
38) 1-Methylnaphthalene	12.64	142	469773	52.769	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	285124	51.186	ng	98

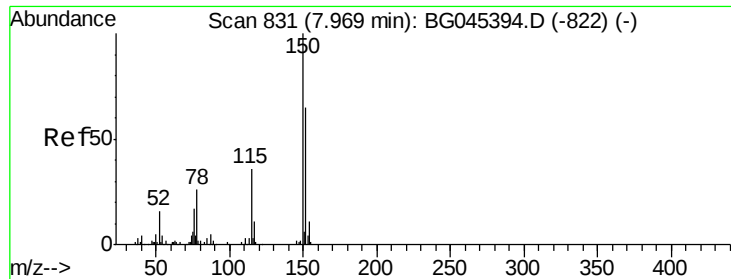
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
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 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	291271	90.595	ng	98
43) 2,4,6-Trichlorophenol	13.04	196	198164	51.212	ng	97
44) 2,4,5-Trichlorophenol	13.13	196	209245	47.321	ng	98
46) 1,1'-Biphenyl	13.43	154	647398	52.832	ng	99
47) 2-Chloronaphthalene	13.47	162	498204	50.067	ng	99
48) 2-Nitroaniline	13.68	65	163446	49.934	ng	93
49) Acenaphthylene	14.32	152	815536	51.024	ng	98
50) Dimethylphthalate	14.05	163	850638	62.178	ng	99
51) 2,6-Dinitrotoluene	14.17	165	155986	50.529	ng	98
52) Acenaphthene	14.67	154	484652	45.299	ng	99
53) 3-Nitroaniline	14.51	138	100455	32.011	ng	98
54) 2,4-Dinitrophenol	14.72	184	185149	90.769	ng	97
55) Dibenzofuran	15.00	168	799509	50.321	ng	96
56) 4-Nitrophenol	14.86	139	190970	80.380	ng	99
57) 2,4-Dinitrotoluene	14.97	165	220335	49.283	ng	98
58) Fluorene	15.65	166	662782	50.777	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	205485	52.821	ng	96
60) Diethylphthalate	15.42	149	702581	49.341	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	369218	49.431	ng	98
62) 4-Nitroaniline	15.68	138	152926	46.680	ng	98
63) Azobenzene	15.93	77	666774	50.219	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	139797	51.100	ng	98
66) n-Nitrosodiphenylamine	15.86	169	589293	52.249	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	253281	49.795	ng	98
68) Hexachlorobenzene	16.66	284	278075	52.269	ng	94
69) Atrazine	16.81	200	221143	47.604	ng	100
70) Pentachlorophenol	17.01	266	304400	110.194	ng	97
71) Phenanthrene	17.39	178	1059372	51.660	ng	99
72) Anthracene	17.48	178	1089530	52.906	ng	99
73) Carbazole	17.76	167	977989	48.720	ng	100
74) Di-n-butylphthalate	18.31	149	1181777	49.049	ng	99
75) Fluoranthene	19.40	202	1297718	49.753	ng	99
77) Benzidine	19.58	184	583412	48.711	ng	99
78) Pyrene	19.76	202	1273630	52.393	ng	99
80) Butylbenzylphthalate	20.65	149	520731	49.628	ng	99
81) Benzo(a)anthracene	21.59	228	1228754	51.724	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	298353	32.017	ng	99
83) Chrysene	21.66	228	1169578	51.203	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	731222	50.697	ng	98
85) Di-n-octyl phthalate	22.69	149	1239446	50.033	ng	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1571562	52.613	ng	98
88) Benzo(b)fluoranthene	23.76	252	1320947	52.360	ng	100
89) Benzo(k)fluoranthene	23.83	252	1281869	54.084	ng	99
90) Benzo(a)pyrene	24.61	252	1218754	51.872	ng	97
91) Dibenzo(a,h)anthracene	28.39	278	1260027	53.367	ng	99
92) Benzo(g,h,i)perylene	29.45	276	1303975	55.221	ng	97

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

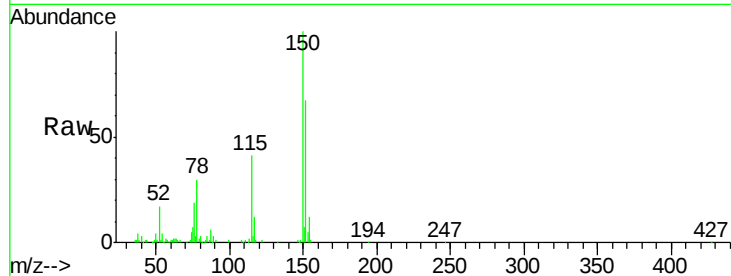


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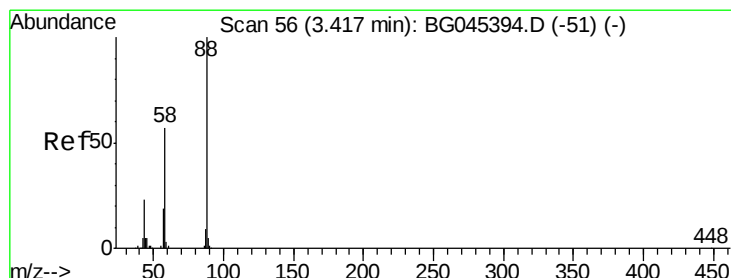
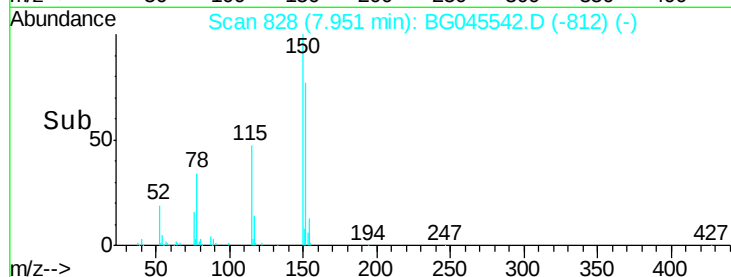
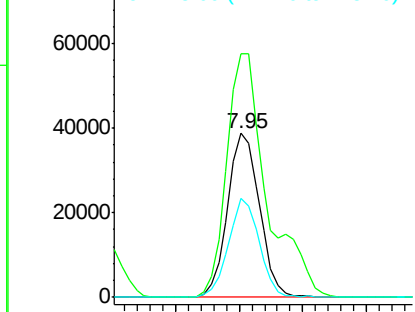
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	122.4	183.6
115	60.4	44.2	66.4



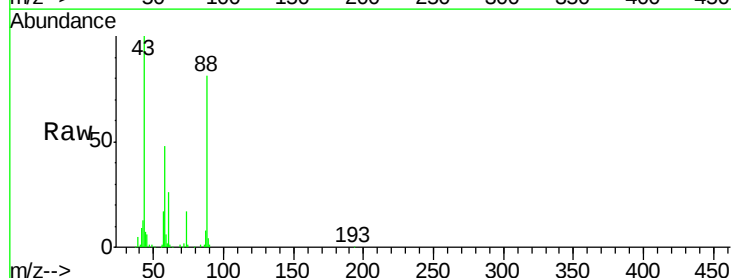
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



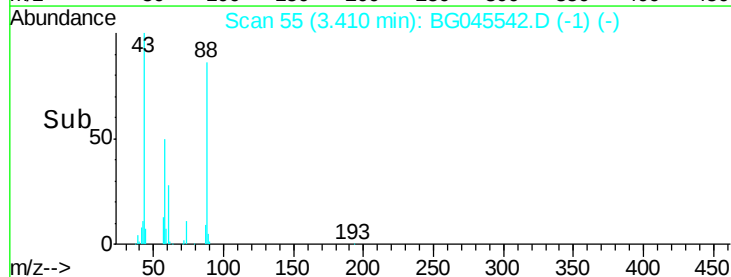
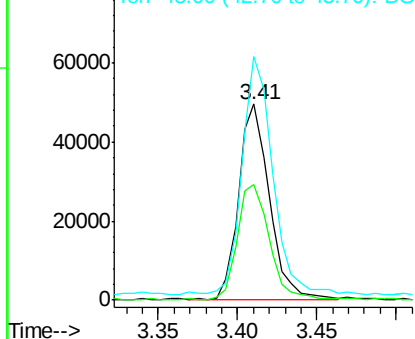
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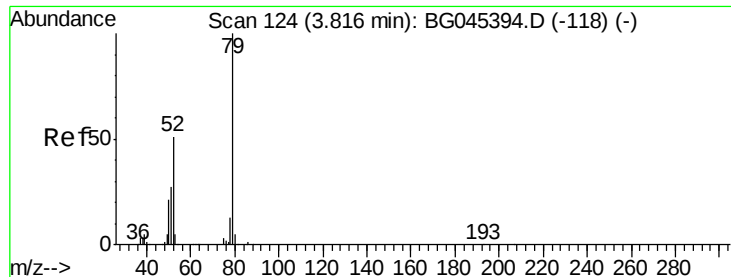
1,4-Dioxane
Concen: 39.108 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.3	45.7	68.5
43	122.4	16.8	25.2



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





#3

Pvridine

Concen: 32.631 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

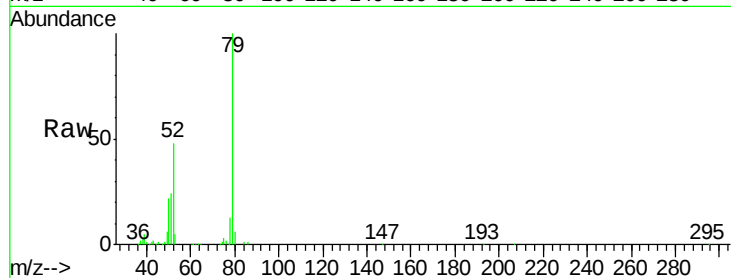
Tot Ion: 79 Resp: 155576

Ion Ratio Lower Upper

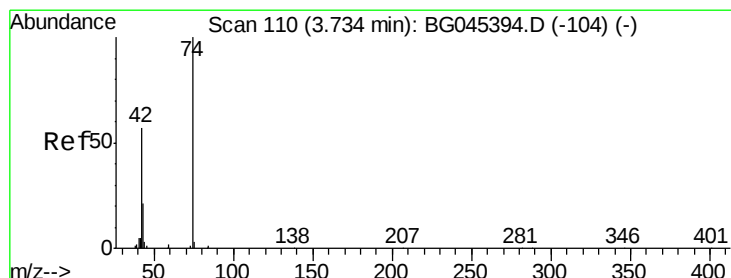
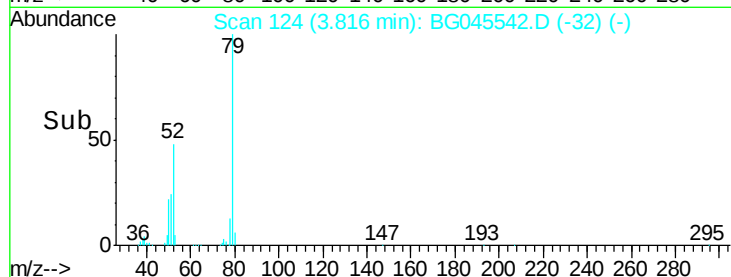
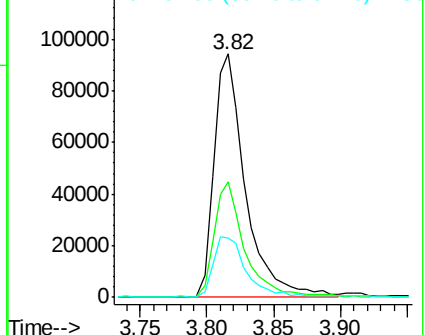
79 100

52 47.7 40.8 61.2

51 24.4 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 45.168 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

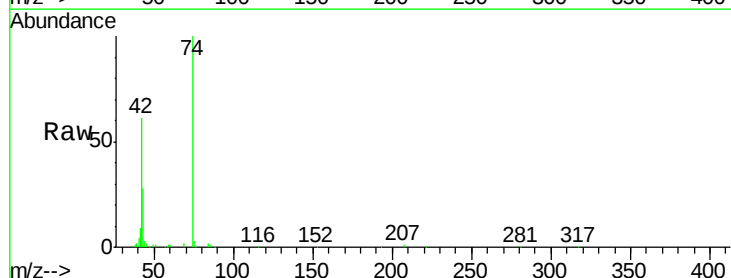
Tgt Ion: 42 Resp: 70469

Ion Ratio Lower Upper

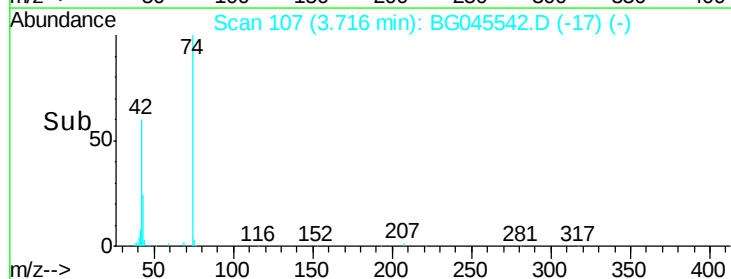
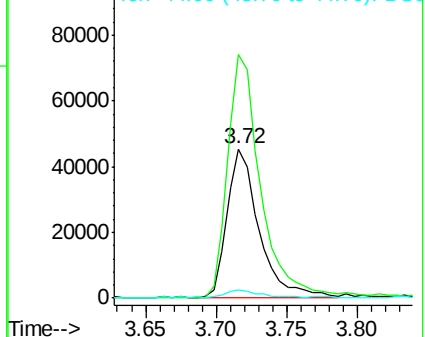
42 100

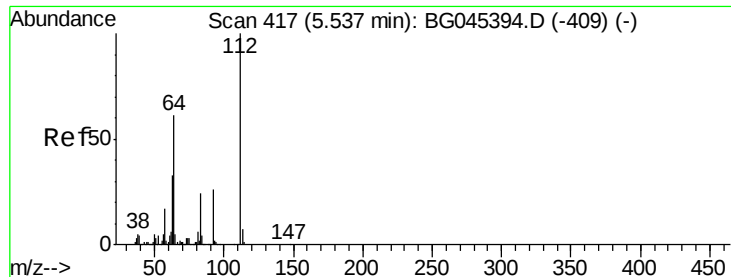
74 163.5 141.3 211.9

44 5.0 4.2 6.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 147.051 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

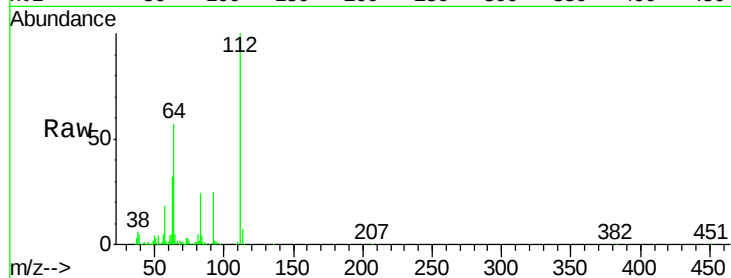
Tot Ion:112 Resp: 507647

Ion Ratio Lower Upper

112 100

64 56.6 48.6 72.8

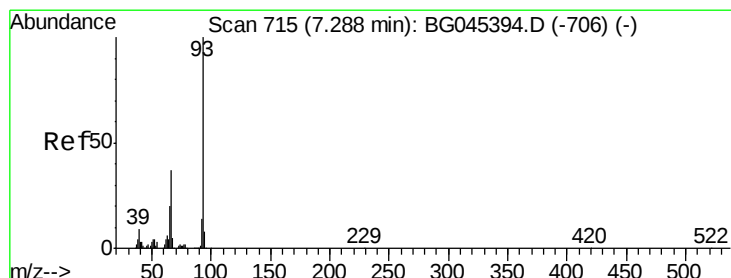
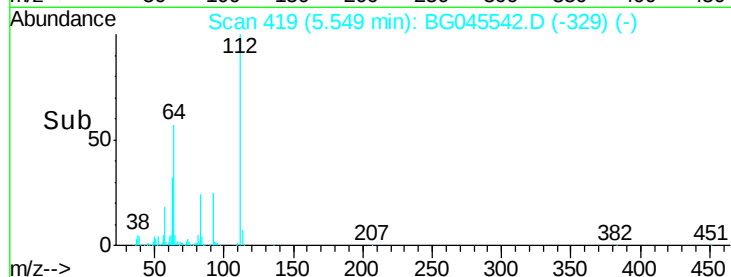
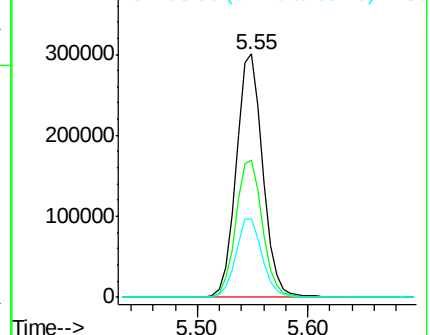
63 32.2 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.159 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

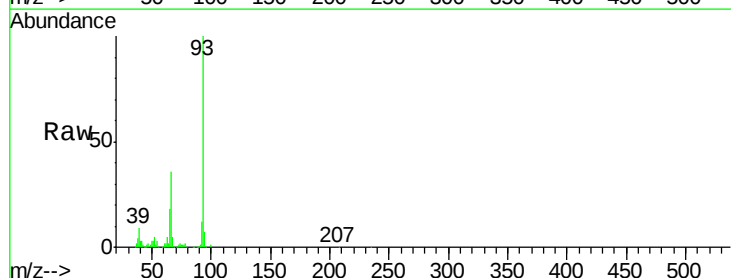
Tgt Ion: 93 Resp: 251168

Ion Ratio Lower Upper

93 100

66 36.2 29.6 44.4

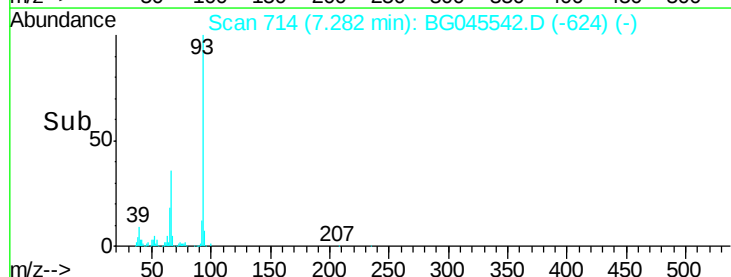
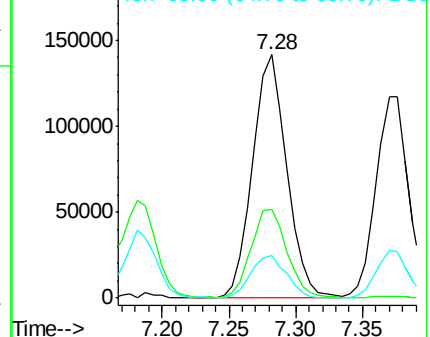
65 17.7 15.9 23.9



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: 129.343 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

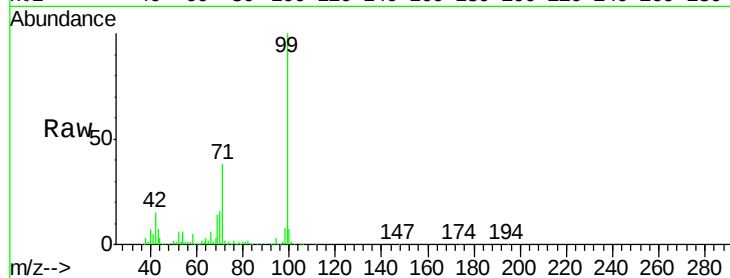
Tot Ion: 99 Resp: 635528

Ion Ratio Lower Upper

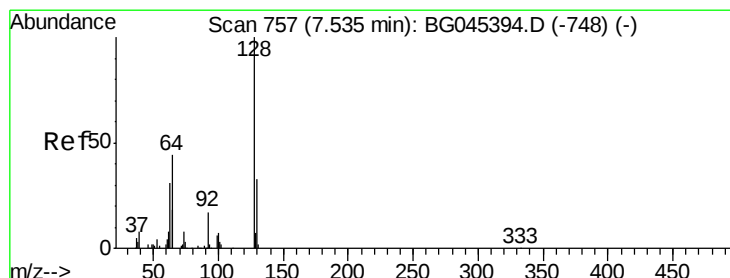
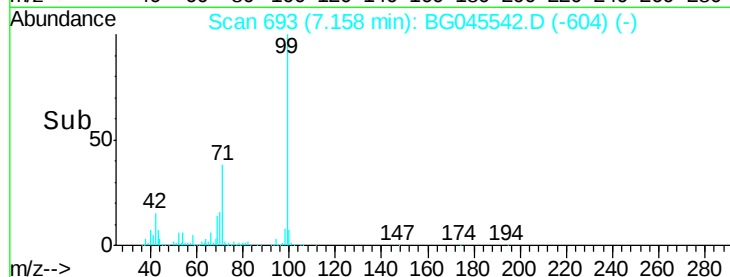
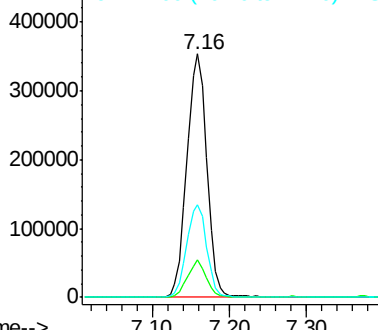
99 100

42 15.4 11.3 16.9

71 37.9 30.8 46.2



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



#8

2-Chlorophenol

Concen: 54.109 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

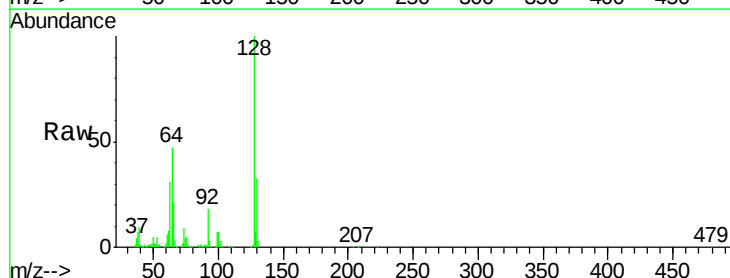
Tgt Ion: 128 Resp: 204843

Ion Ratio Lower Upper

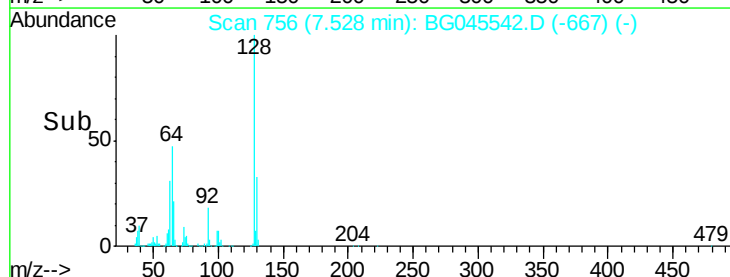
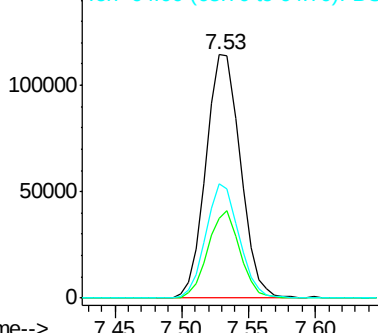
128 100

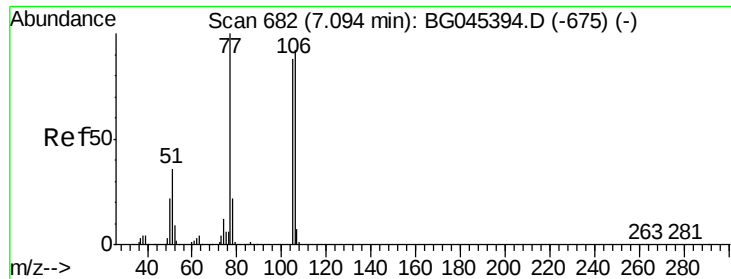
130 32.9 12.6 52.6

64 46.8 27.0 67.0



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





#9

Benzaldehyde

Concen: 33.145 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

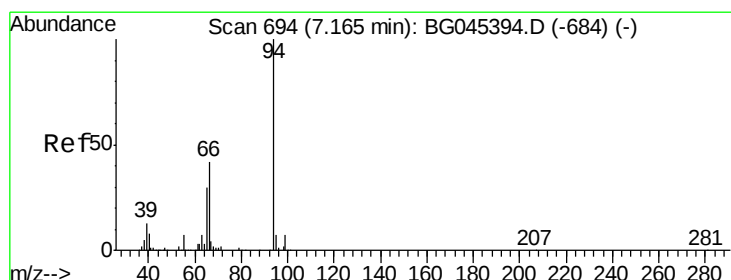
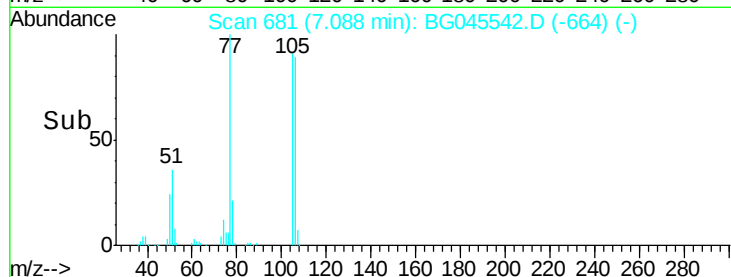
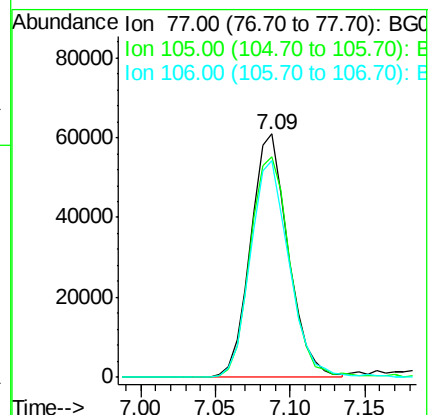
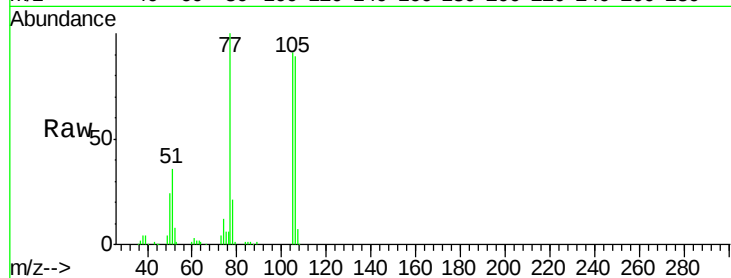
Tot Ion: 77 Resp: 106106

Ion Ratio Lower Upper

77 100

105 90.7 68.5 108.5

106 89.1 71.6 111.6



#10

Phenol

Concen: 44.473 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

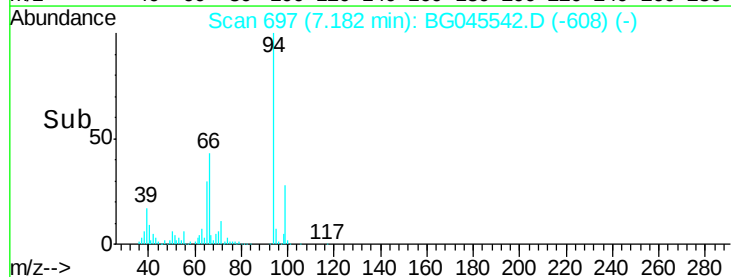
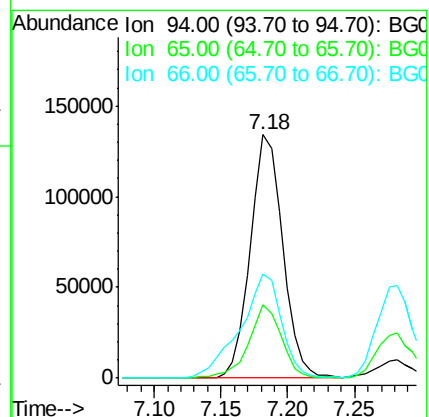
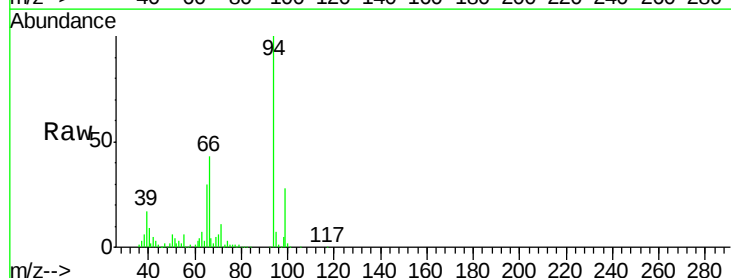
Tgt Ion: 94 Resp: 225211

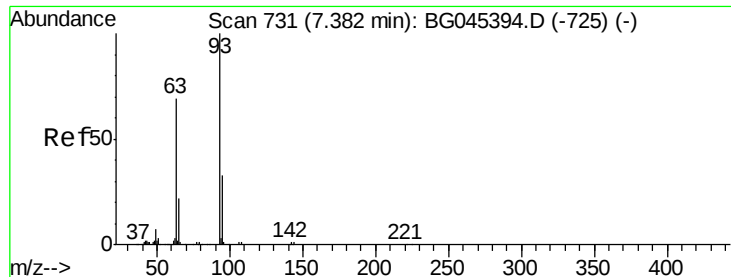
Ion Ratio Lower Upper

94 100

65 29.9 9.8 49.8

66 42.6 22.0 62.0

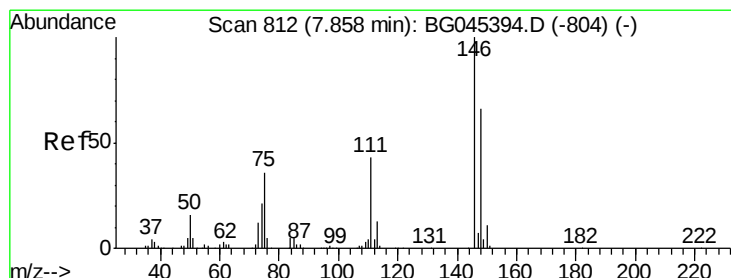
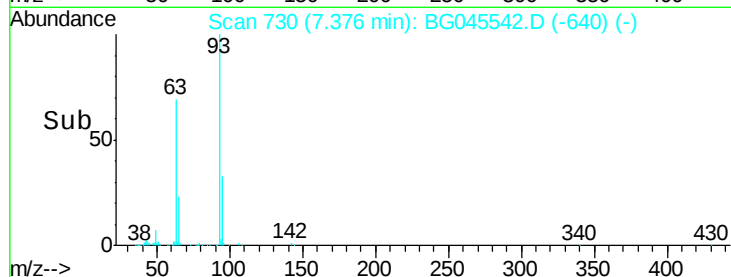
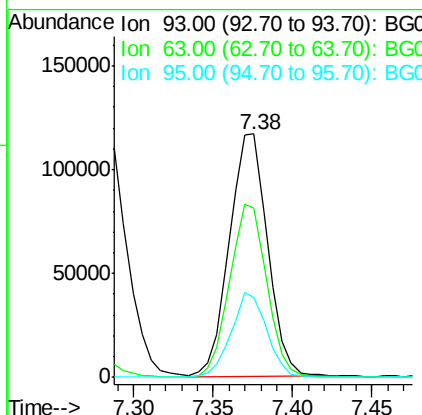
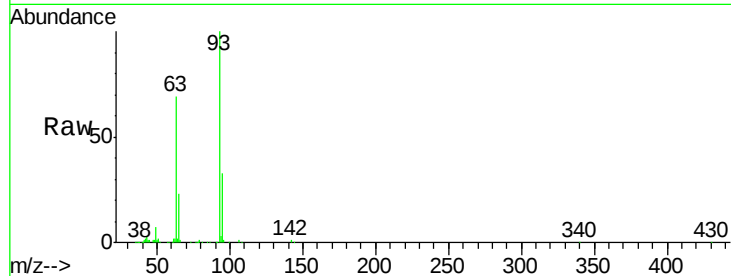




#11
bis(2-Chloroethyl)ether
Concen: 49.332 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

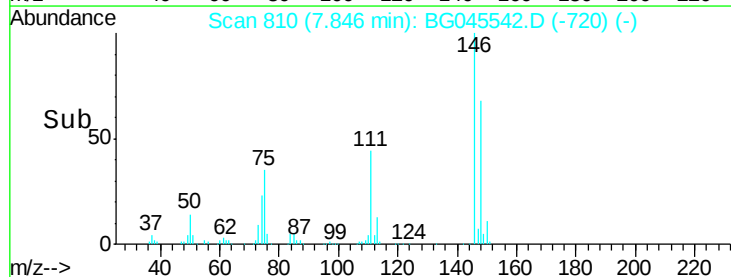
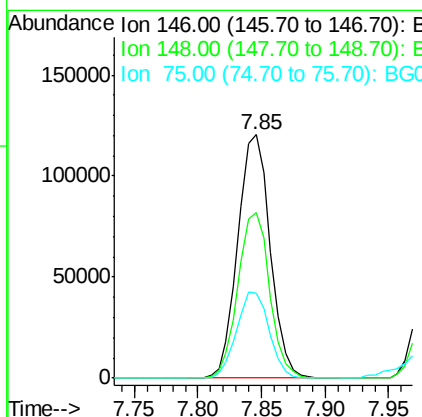
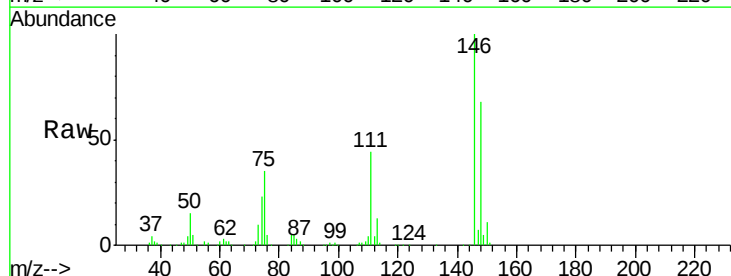
Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

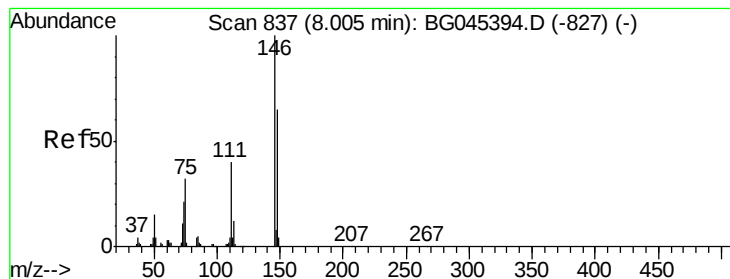
Tot Ion:	93	Resp:	194860
Ion	Ratio	Lower	Upper
93	100		
63	69.4	48.4	88.4
95	32.8	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 46.950 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion:	146	Resp:	213595
Ion	Ratio	Lower	Upper
146	100		
148	68.0	53.2	79.8
75	34.7	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 49.258 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

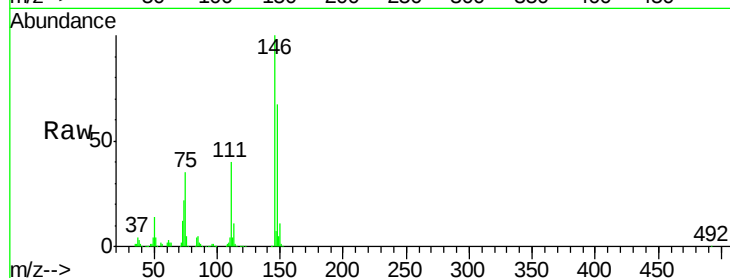
Tot Ion:146 Resp: 221152

Ion Ratio Lower Upper

146 100

148 67.1 51.8 77.8

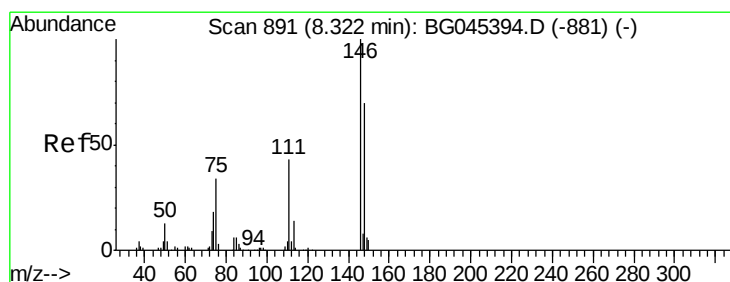
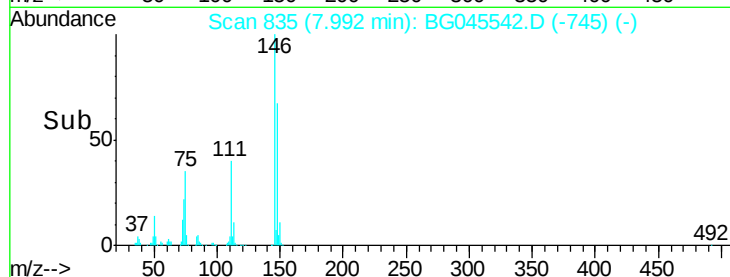
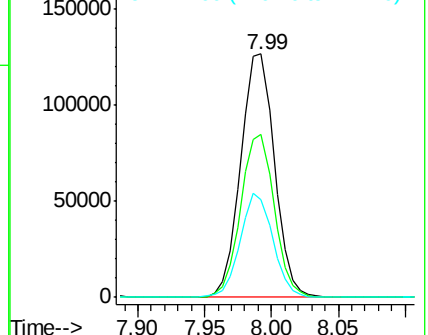
111 40.1 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.743 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

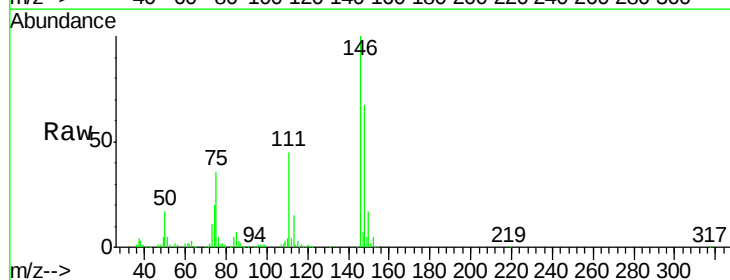
Tgt Ion:146 Resp: 206161

Ion Ratio Lower Upper

146 100

148 66.9 55.9 83.9

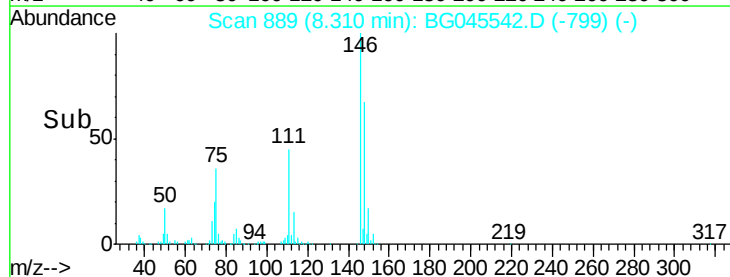
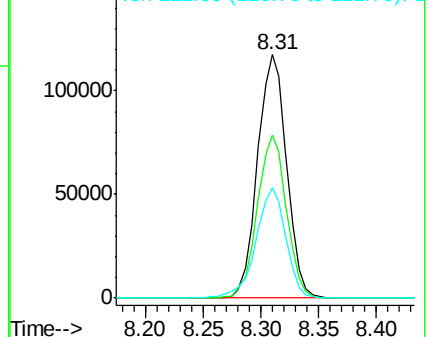
111 45.2 35.0 52.4

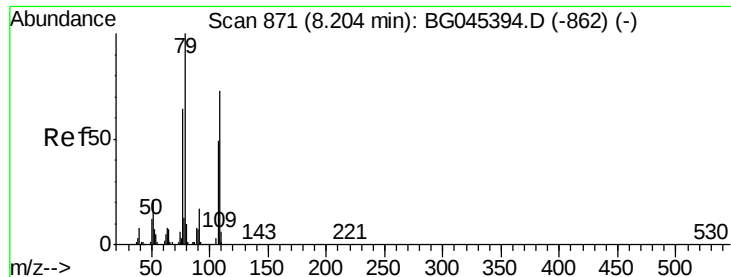


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.541 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

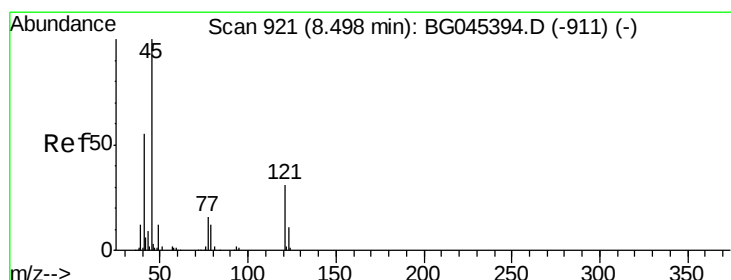
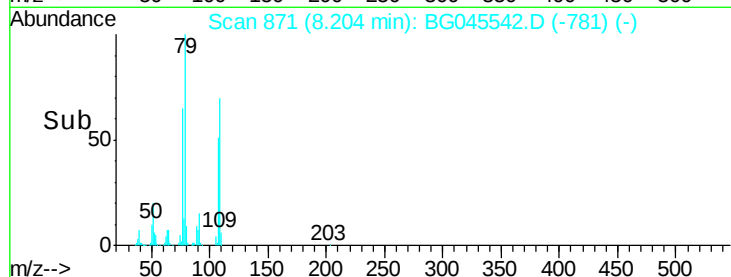
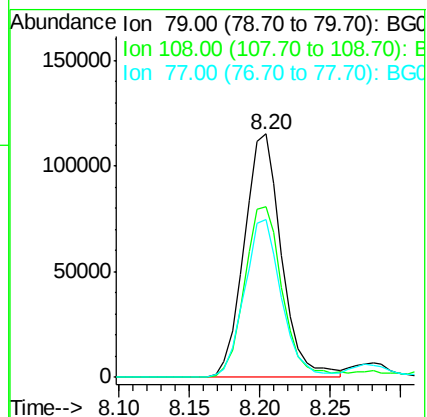
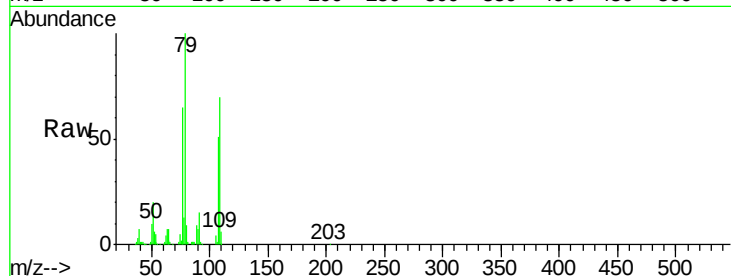
Tot Ion: 79 Resp: 213266

Ion Ratio Lower Upper

79 100

108 70.2 58.2 87.4

77 64.9 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.751 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

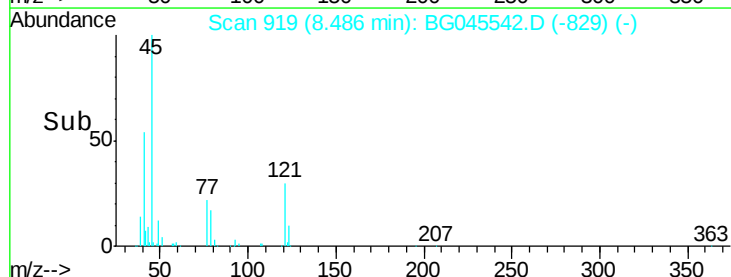
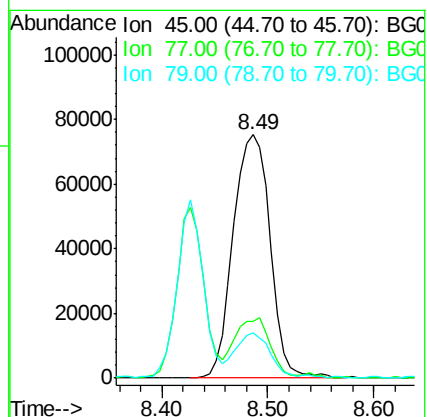
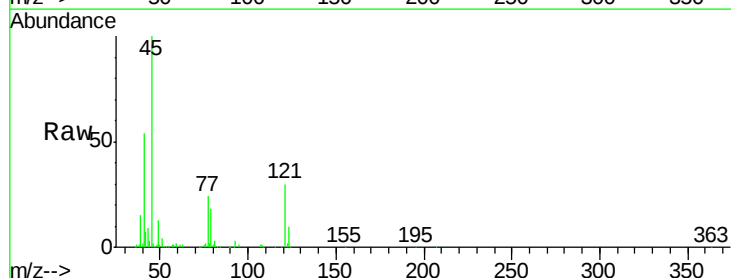
Tgt Ion: 45 Resp: 182787

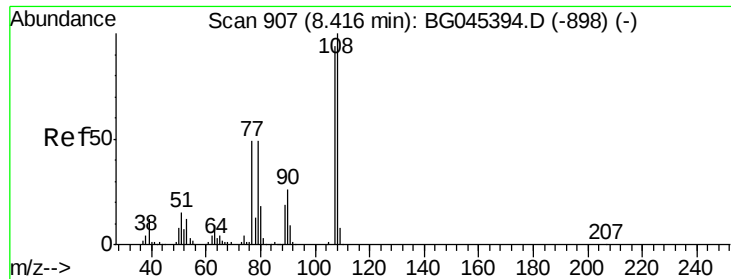
Ion Ratio Lower Upper

45 100

77 23.5 4.0 44.0

79 18.4 0.0 38.6





#17

2-Methylphenol

Concen: 47.938 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

Tot Ion:107 Resp: 181705

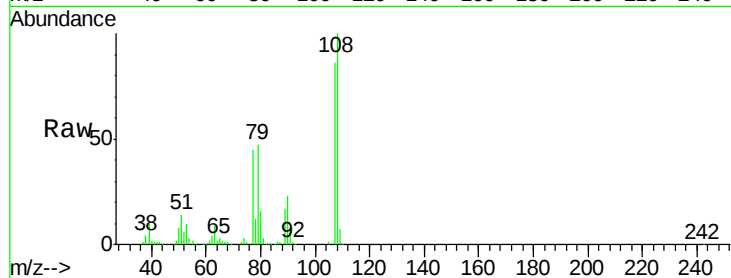
Ion Ratio Lower Upper

107 100

108 116.6 85.2 127.8

77 52.1 41.6 62.4

79 54.5 41.8 62.8

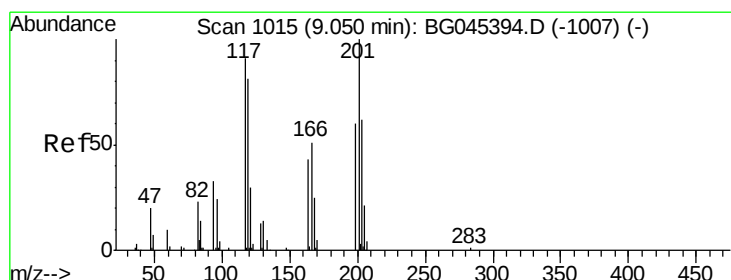
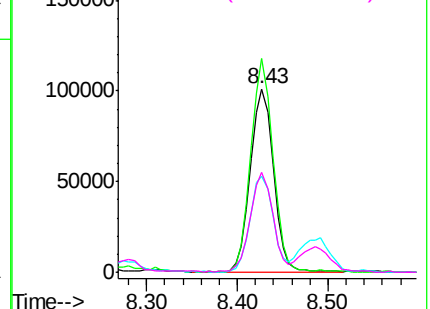
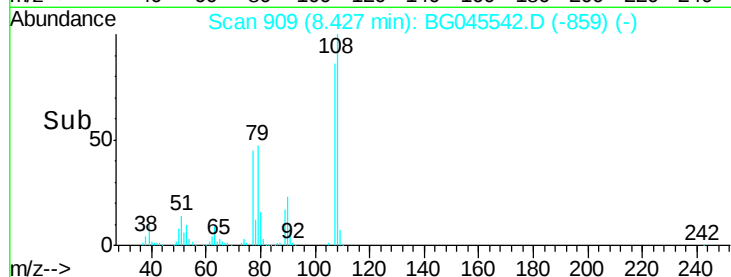


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.418 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

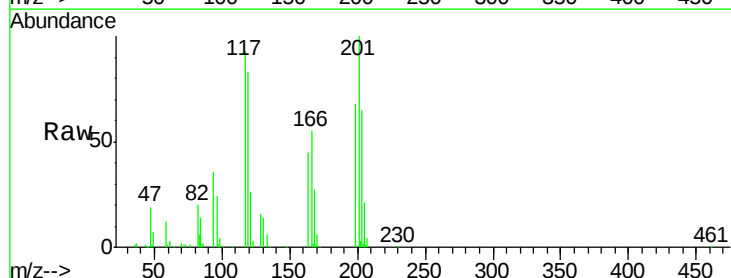
Tgt Ion:117 Resp: 84975

Ion Ratio Lower Upper

117 100

119 89.3 71.3 106.9

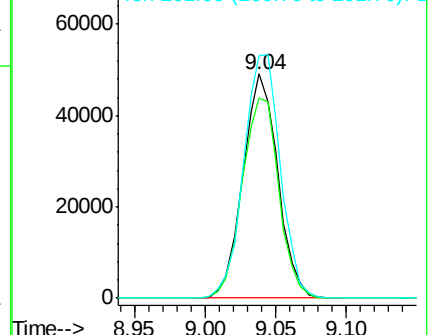
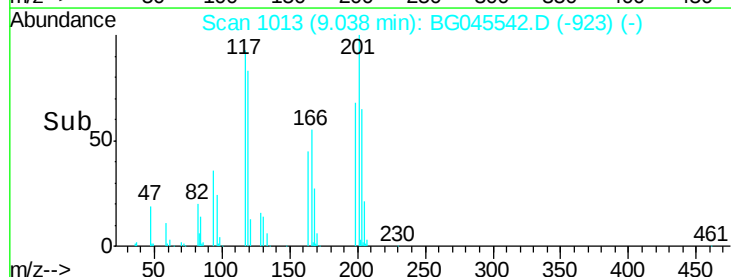
201 108.0 87.5 131.3

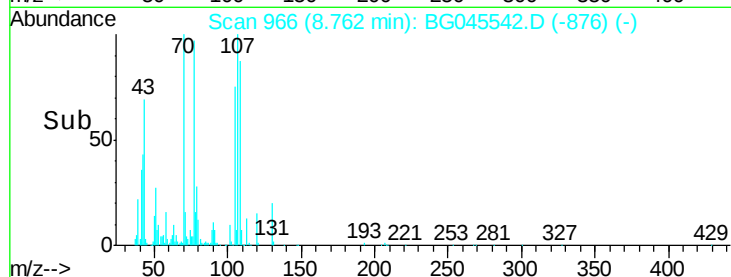
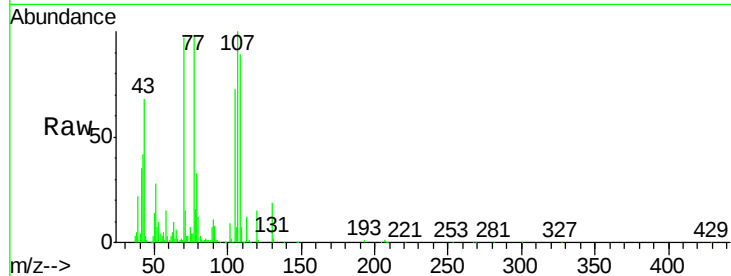
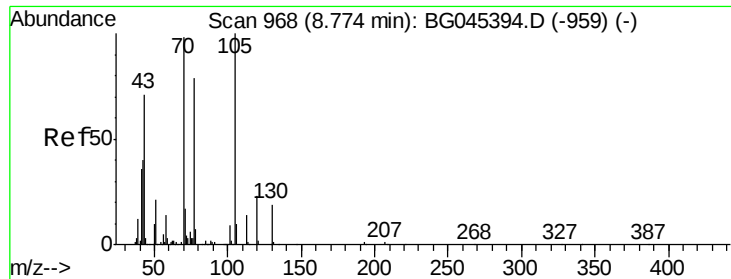


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

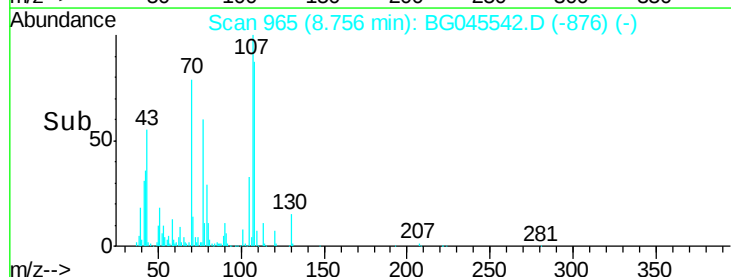
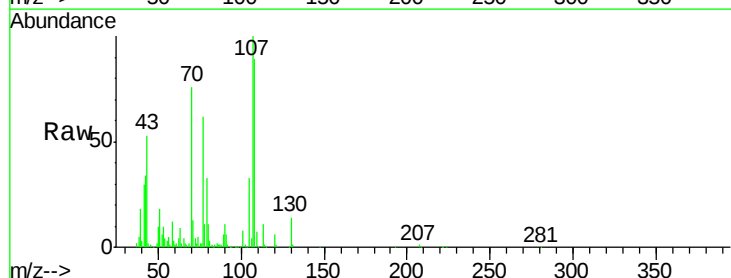
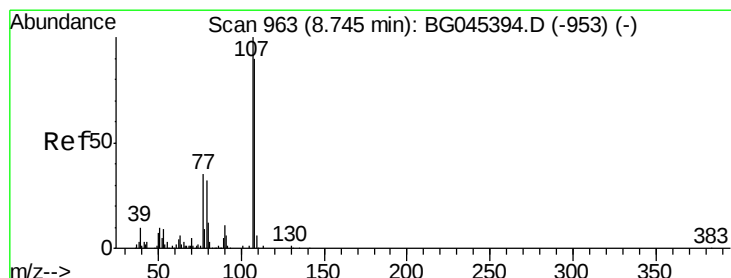
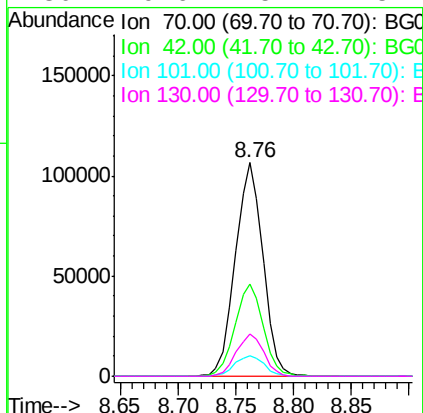




#19
n-Nitroso-di-n-propylamine
Concen: 51.952 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

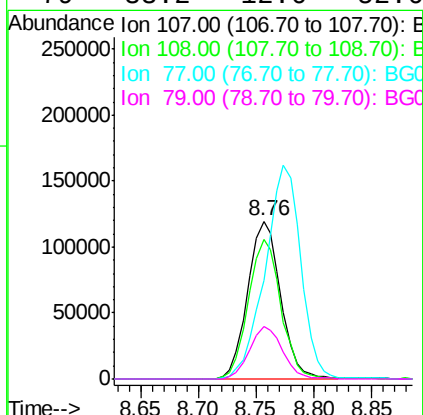
Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

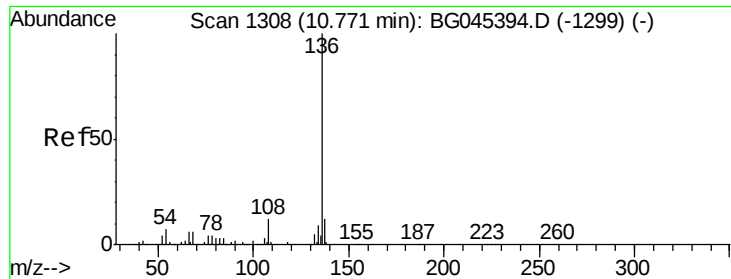
Tot Ion:	70	Resp:	176519
Ion	Ratio	Lower	Upper
70	100		
42	43.3	33.2	49.8
101	9.6	7.8	11.6
130	19.6	15.4	23.2



#20
3+4-Methylphenols
Concen: 46.050 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion:	107	Resp:	237690
Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.3	110.3
77	62.4	15.4	55.4
79	33.2	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

Tot Ion:136 Resp: 271340

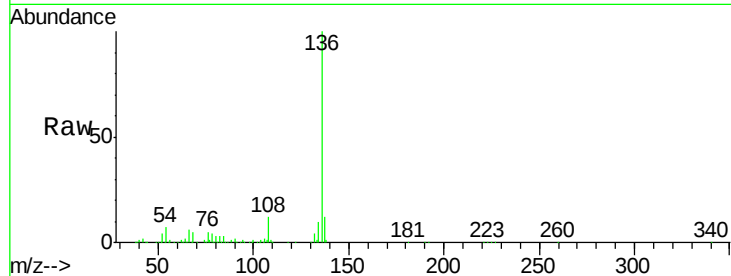
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.2

54 7.4 5.8 8.6

68 5.2 4.5 6.7

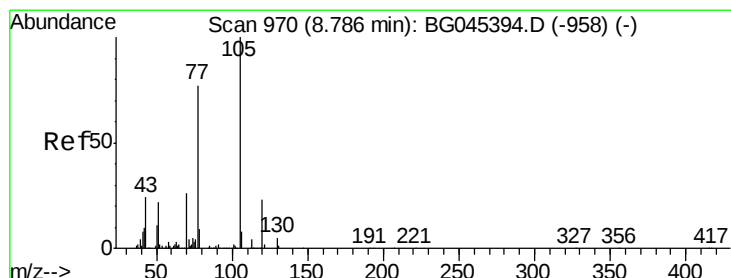
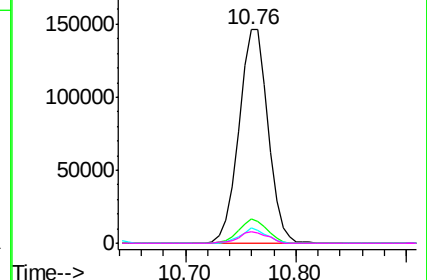
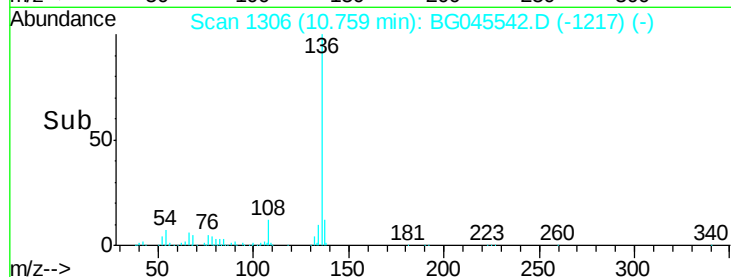


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.249 ng

RT: 8.77 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion:105 Resp: 323155

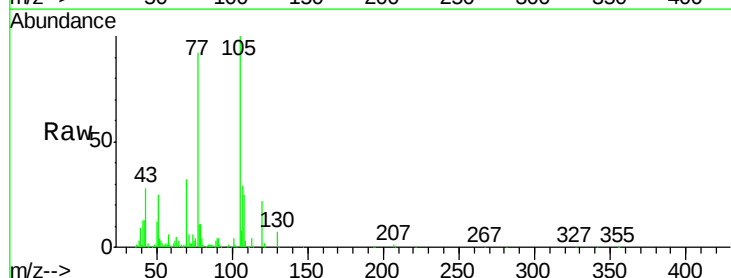
Ion Ratio Lower Upper

105 100

71 6.2 3.4 5.0#

51 24.7 18.2 27.2

120 22.4 18.6 27.8

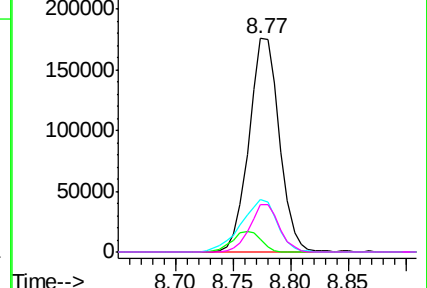
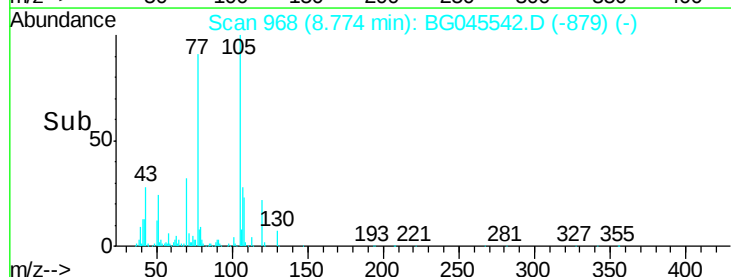


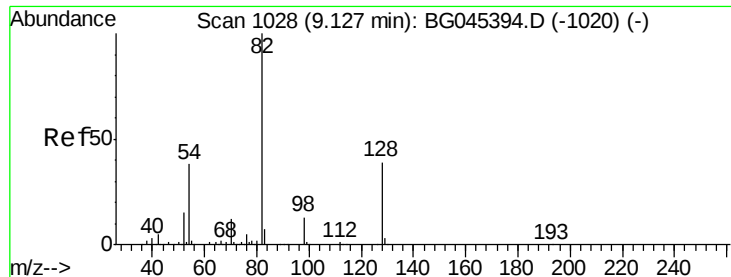
Abundance Ion 105.00 (104.70 to 105.70): E

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

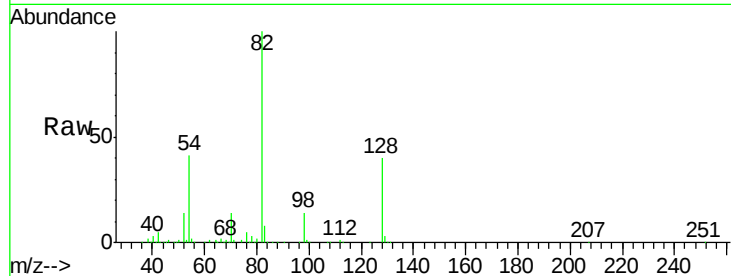




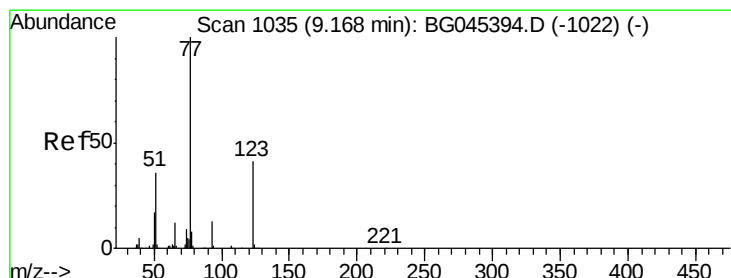
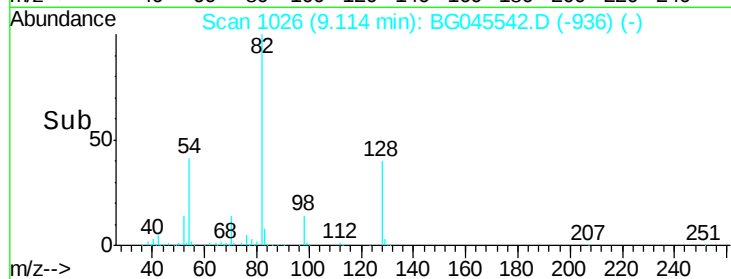
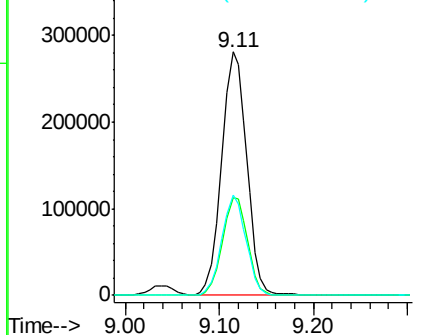
#23
 Nitrobenzene-d5
 Concen: 104.979 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tot Ion	82	Resp	522356
Ion Ratio	Lower	Upper	
82	100		
128	40.2	30.9	46.3
54	41.2	30.3	45.5

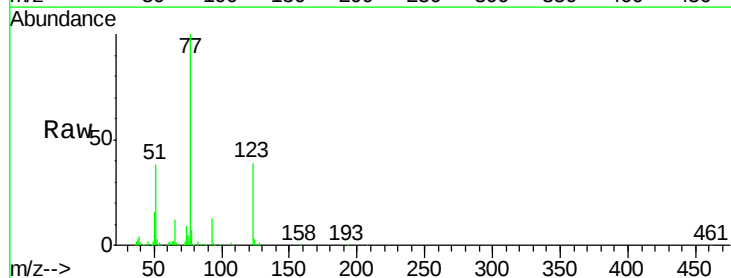


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

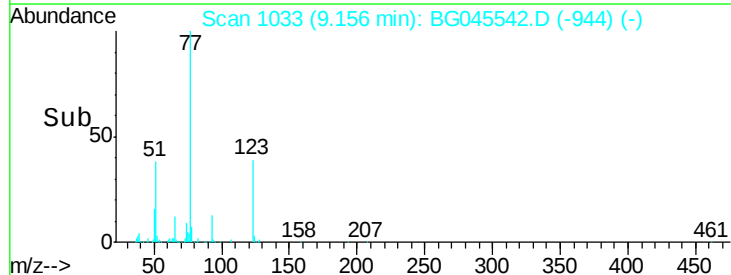
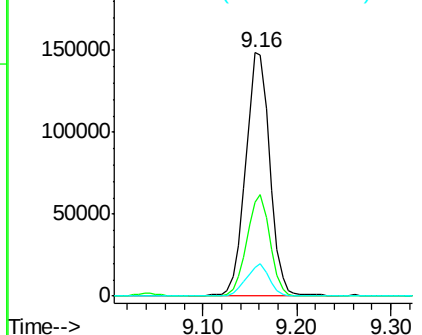


#24
 Nitrobenzene
 Concen: 49.780 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion	77	Resp	265379
Ion Ratio	Lower	Upper	
77	100		
123	38.6	32.9	49.3
65	11.7	9.4	14.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 50.980 ng

RT: 9.68 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

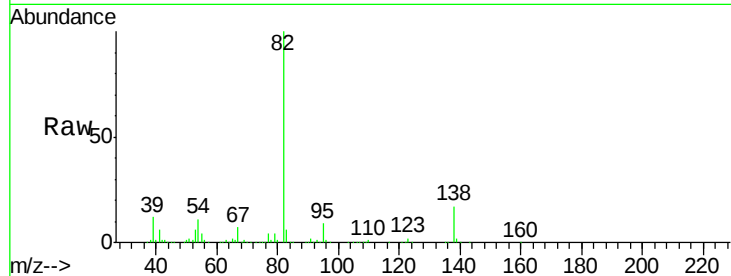
Tot Ion: 82 Resp: 499570

Ion Ratio Lower Upper

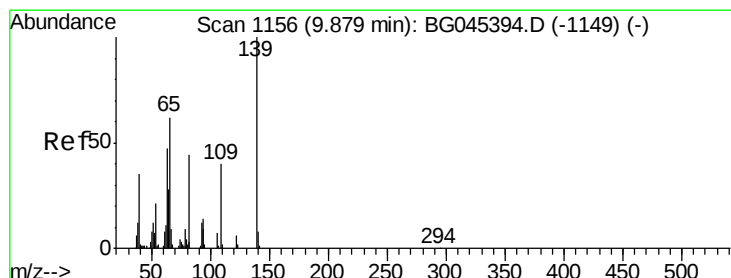
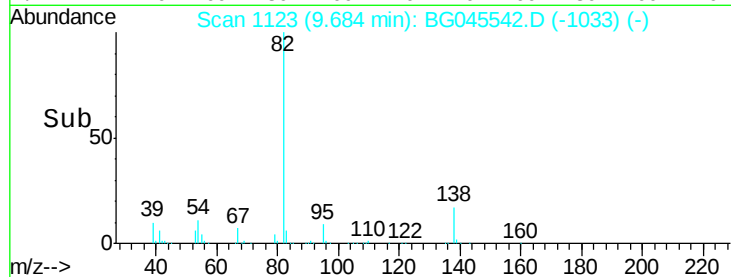
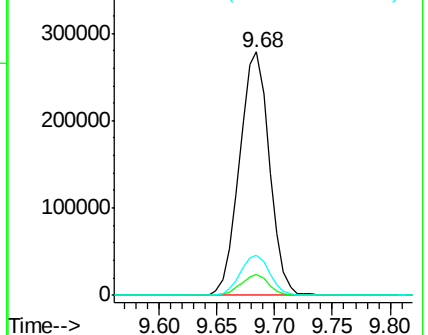
82 100

95 8.6 6.7 10.1

138 16.6 12.2 18.4



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



#26

2-Nitrophenol

Concen: 52.717 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

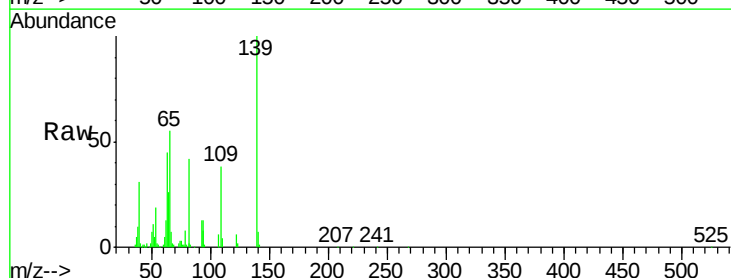
Tgt Ion: 139 Resp: 120224

Ion Ratio Lower Upper

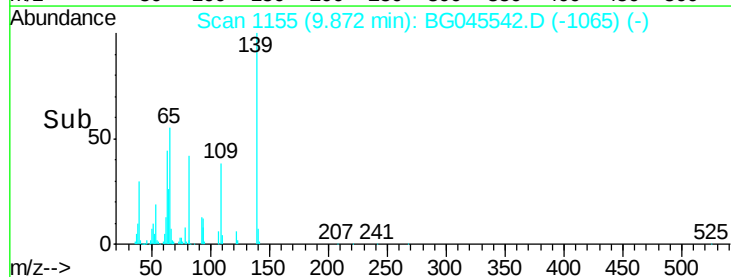
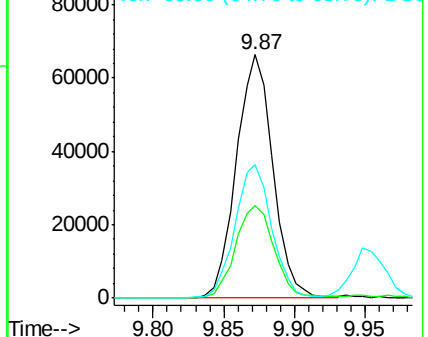
139 100

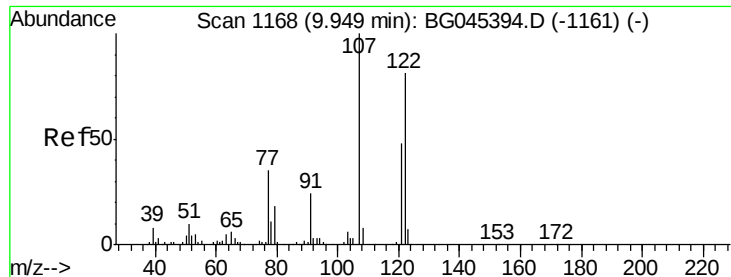
109 38.3 32.2 48.4

65 54.9 49.6 74.4



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

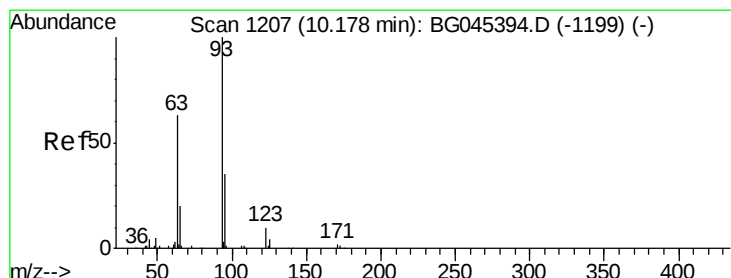
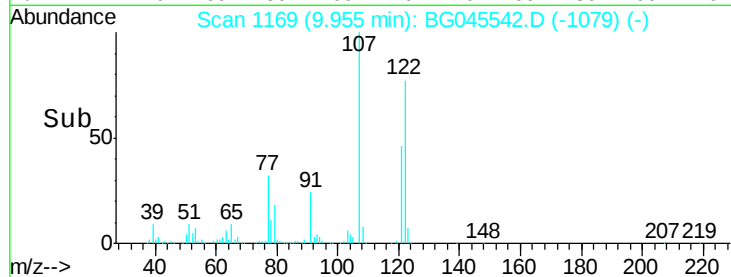
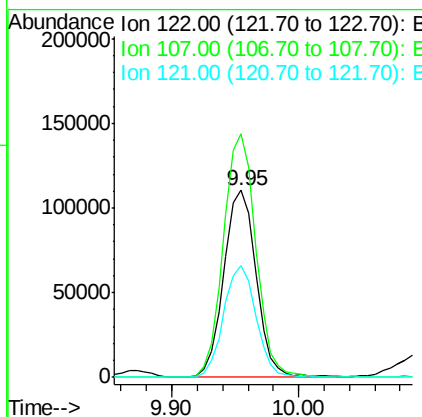
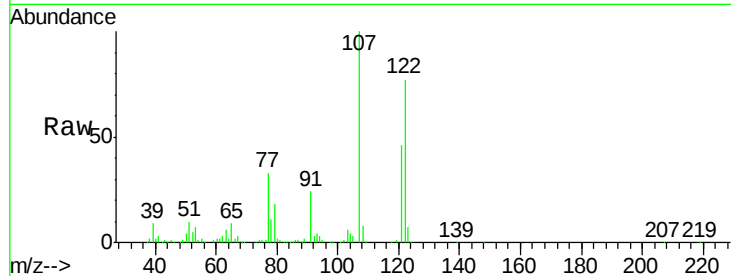




#27
 2,4-Dimethylphenol
 Concen: 57.887 ng
 RT: 9.95 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

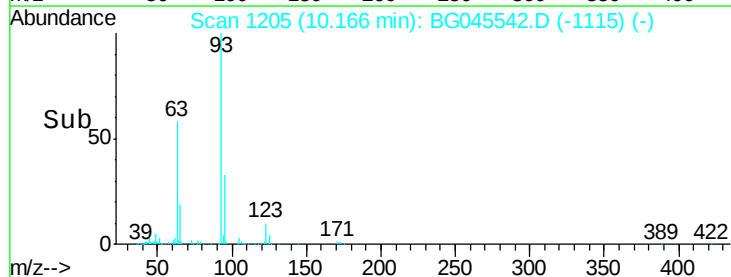
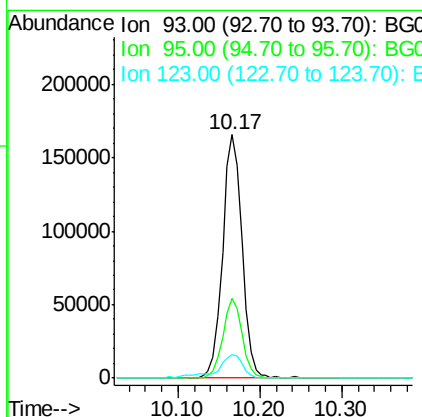
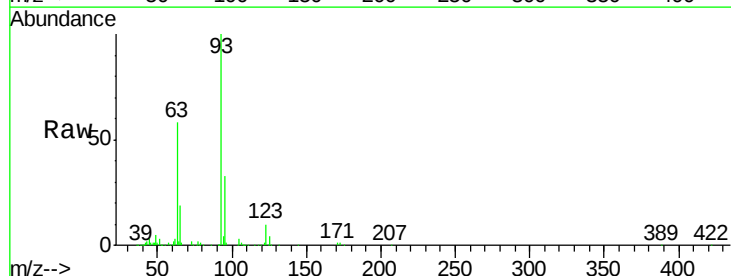
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.3	99.0	148.4
121	59.8	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.432 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.6	41.4
123	9.6	8.1	12.1

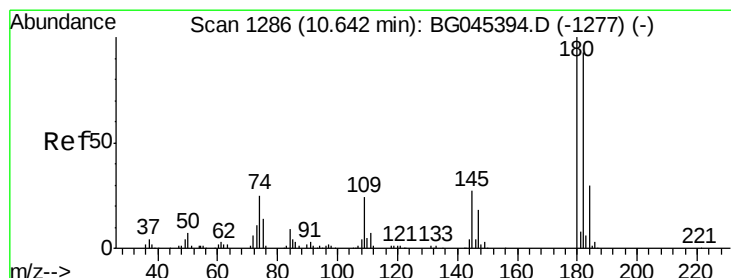
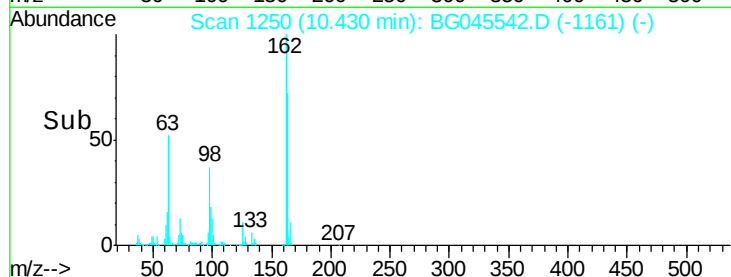
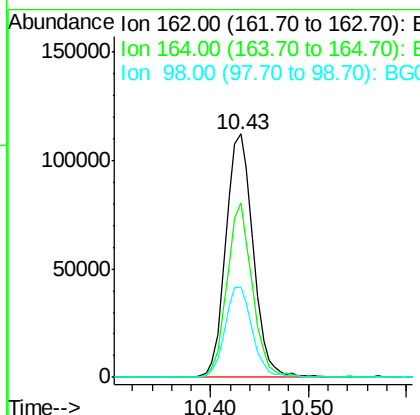
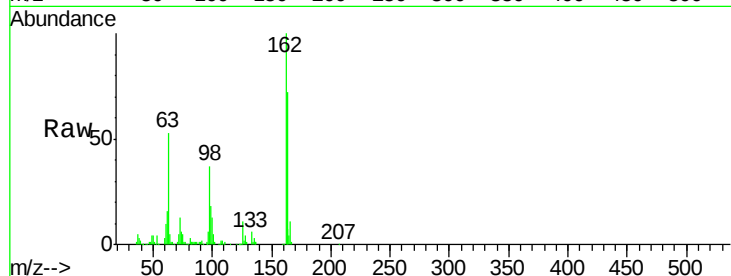




#29
 2,4-Dichlorophenol
 Concen: 54.687 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

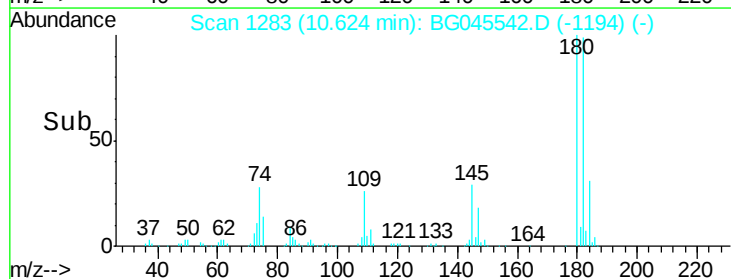
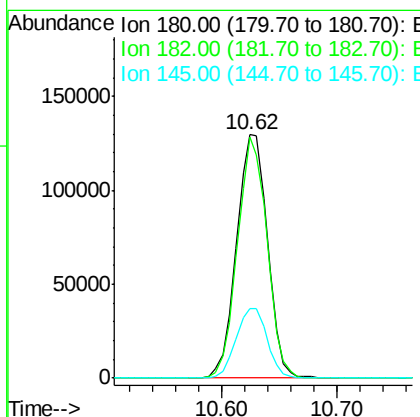
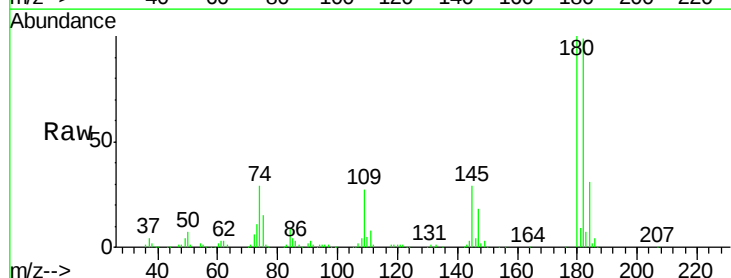
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

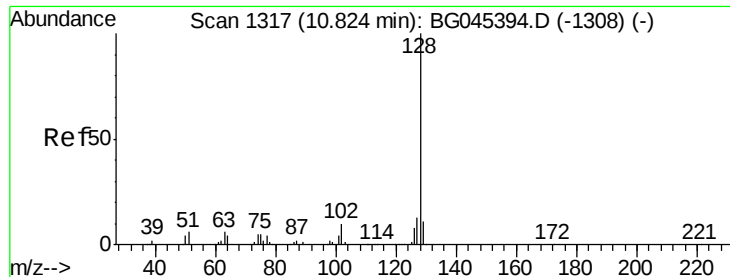
Tot Ion	Ratio	Lower	Upper
162	100		
164	71.9	46.8	86.8
98	37.1	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 50.932 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	74.8	112.2
145	28.8	21.9	32.9

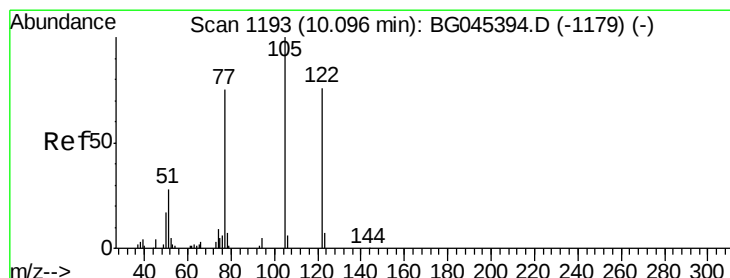
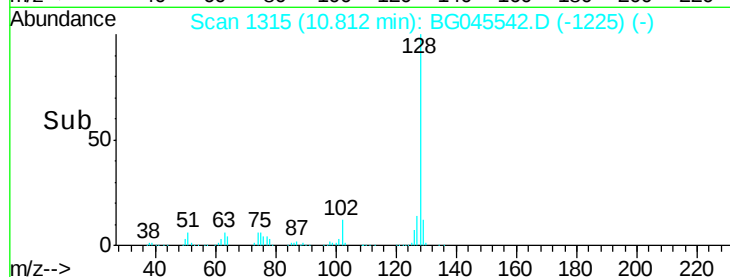
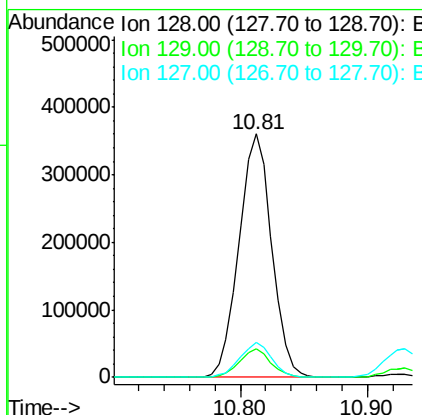
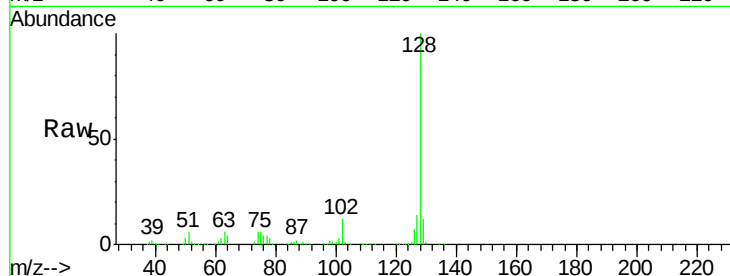




#31
Naphthalene
Concen: 50.988 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

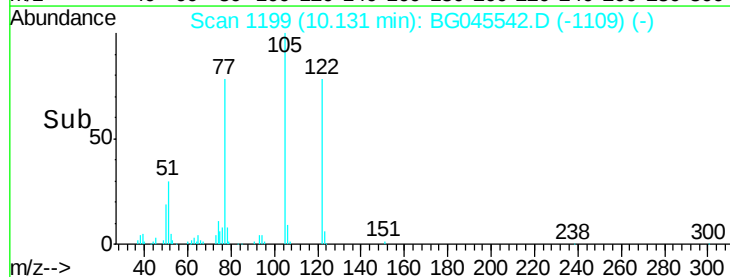
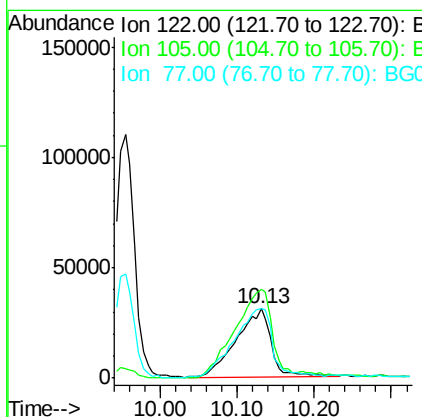
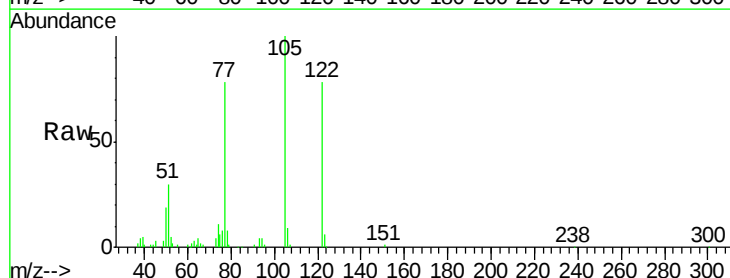
Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.2	10.7	16.1



#32
Benzoic acid
Concen: 43.879 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.3	107.9	147.9
77	100.5	78.9	118.9

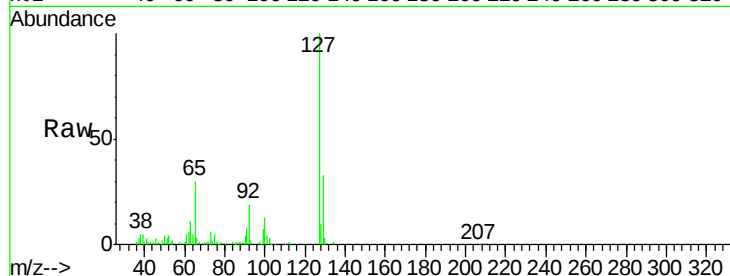




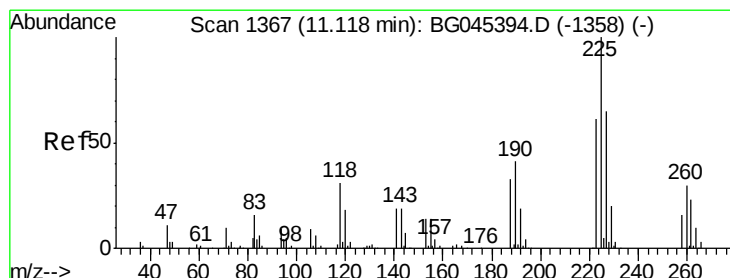
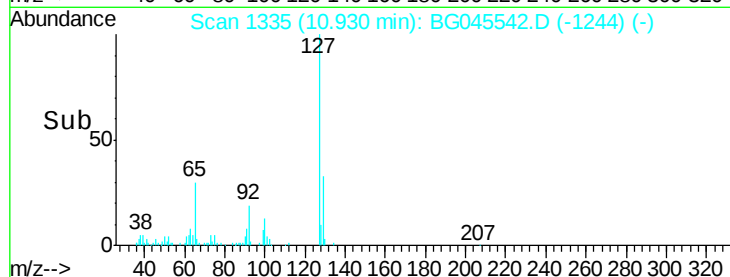
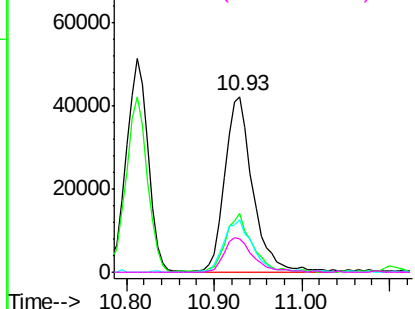
#33
4-Chloroaniline
Concen: 17.594 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tot Ion:127	Resp:	92989	
Ion Ratio	Lower	Upper	
127 100			
129 33.4	24.7	37.1	
65 29.6	26.2	39.2	
92 18.9	17.9	26.9	

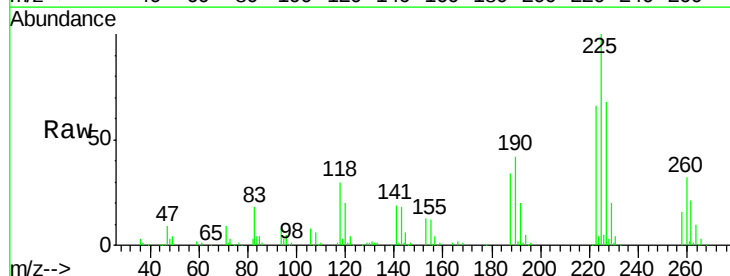


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

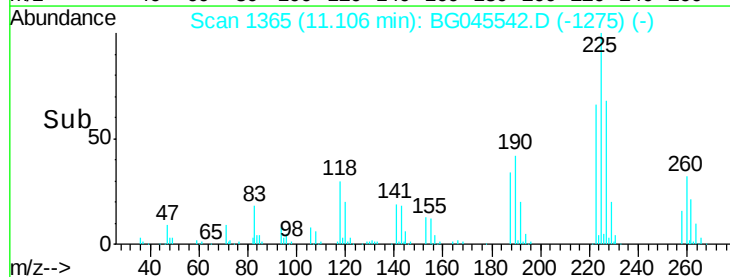
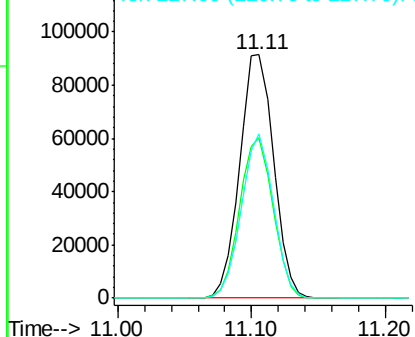


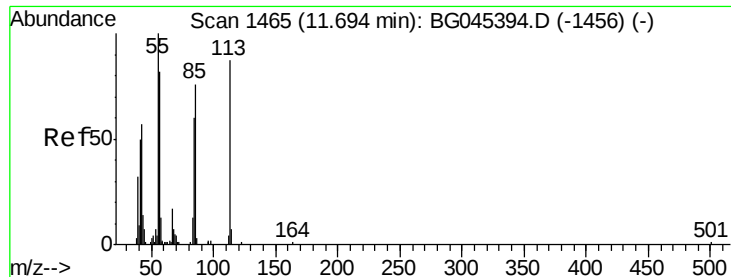
#34
Hexachlorobutadiene
Concen: 48.470 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt	Ion:225	Resp:	161708
Ion	Ratio	Lower	Upper
225	100		
223	66.0	49.1	73.7
227	67.6	52.0	78.0



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: 22.971 ng

RT: 11.70 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

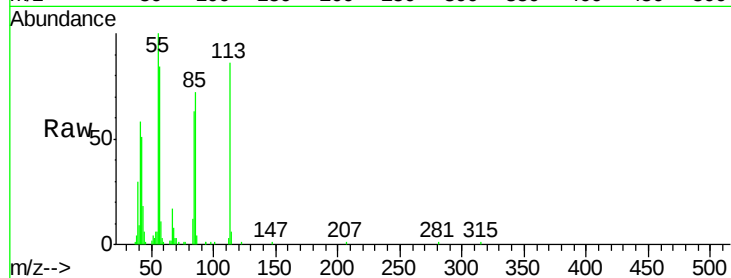
Tot Ion:113 Resp: 33678

Ion Ratio Lower Upper

113 100

55 116.1 96.0 136.0

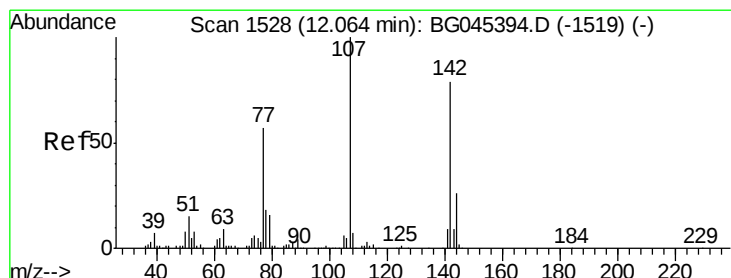
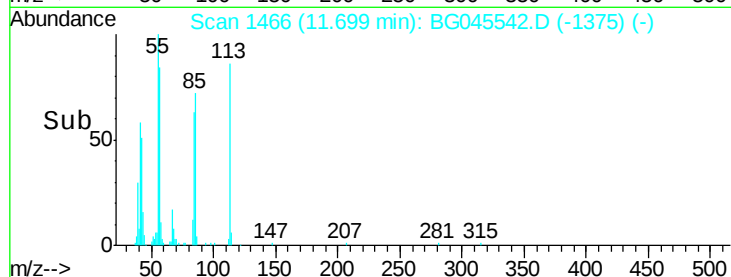
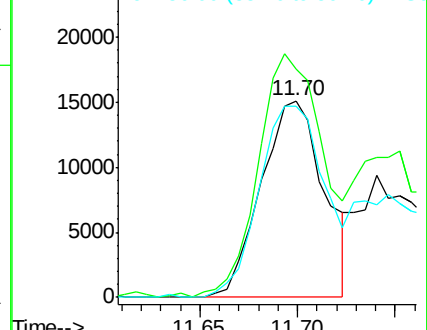
56 97.5 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 54.995 ng

RT: 12.08 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

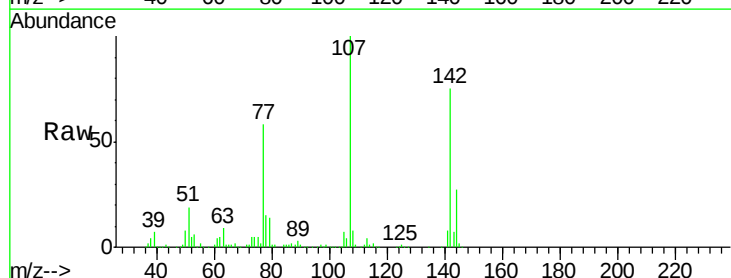
Tgt Ion:107 Resp: 247523

Ion Ratio Lower Upper

107 100

144 27.4 20.8 31.2

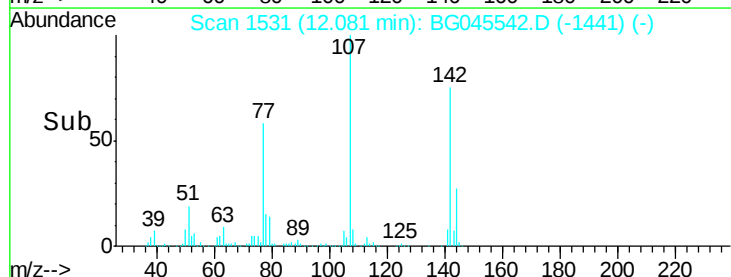
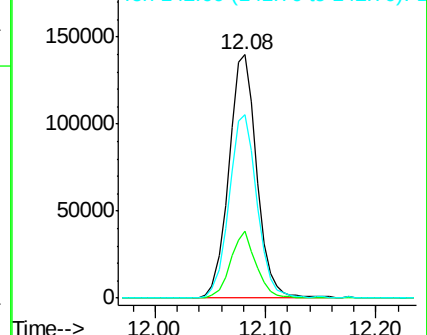
142 75.1 62.8 94.2

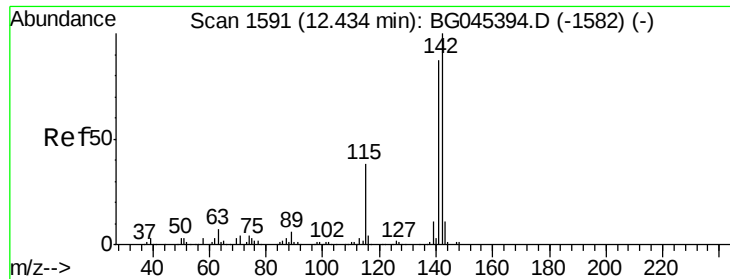


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

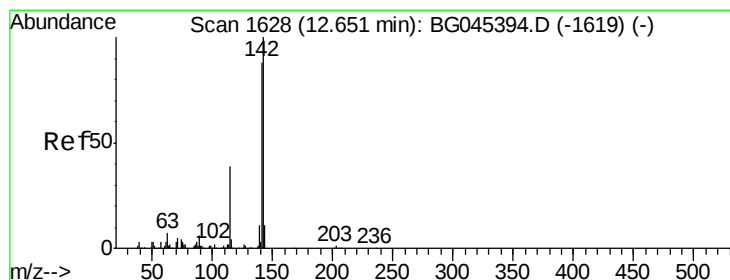
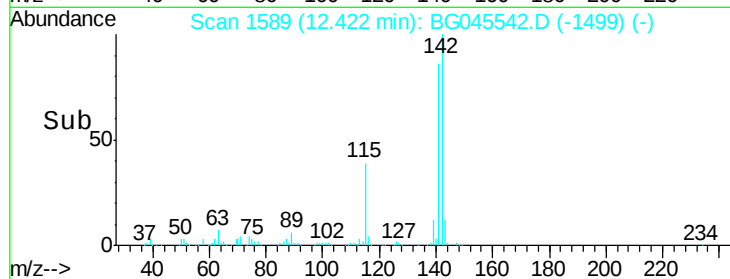
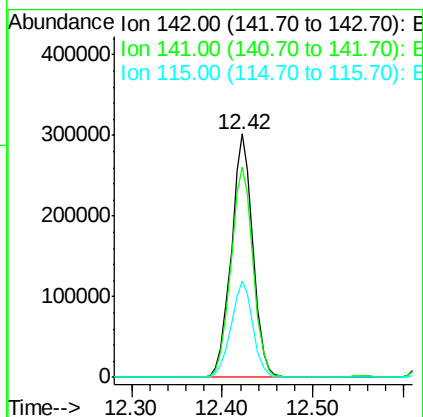
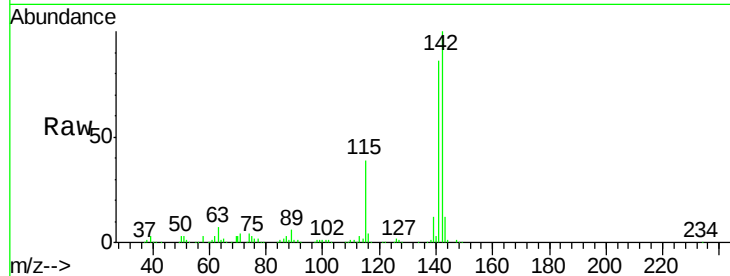




#37
2-Methylnaphthalene
Concen: 53.084 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

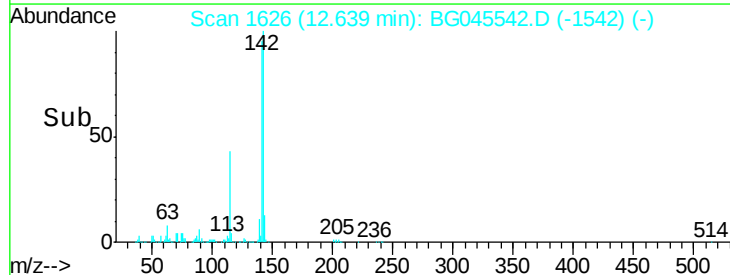
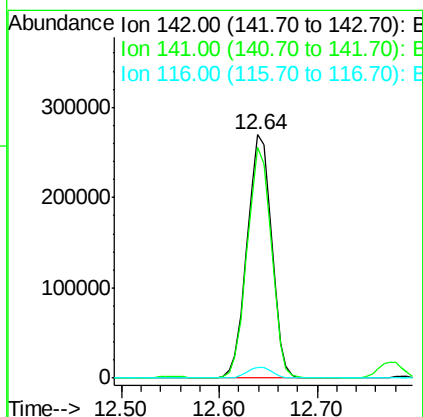
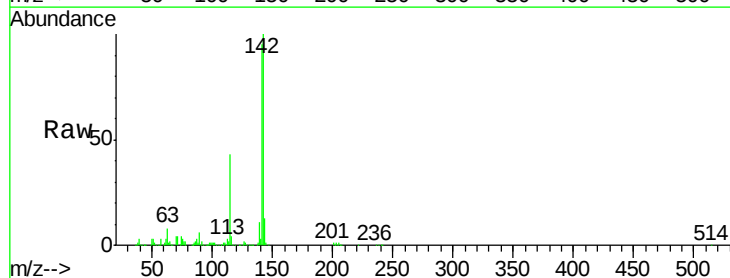
Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tot Ion:142 Resp: 500278
Ion Ratio Lower Upper
142 100
141 86.4 70.0 105.0
115 39.4 30.8 46.2



#38
1-Methylnaphthalene
Concen: 52.769 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion:142 Resp: 469773
Ion Ratio Lower Upper
142 100
141 94.6 70.8 106.2
116 4.4 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

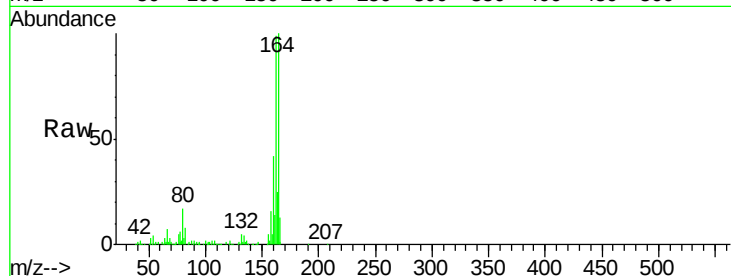
Tot Ion:164 Resp: 199428

Ion Ratio Lower Upper

164 100

162 99.4 76.9 115.3

160 41.6 33.8 50.8



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

150000

100000

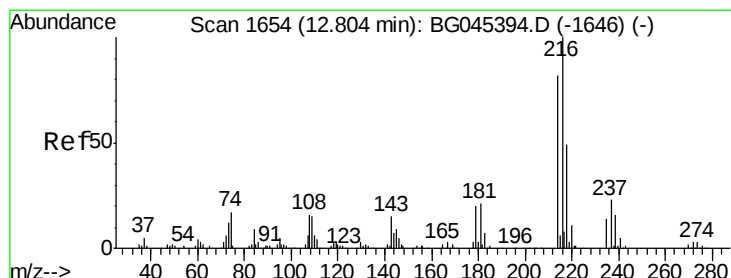
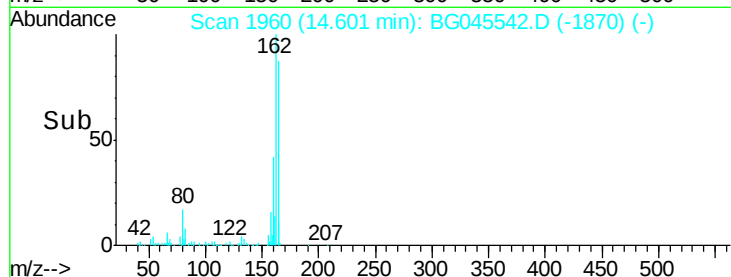
50000

0

14.60

14.55 14.60 14.65

Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.186 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion:216 Resp: 285124

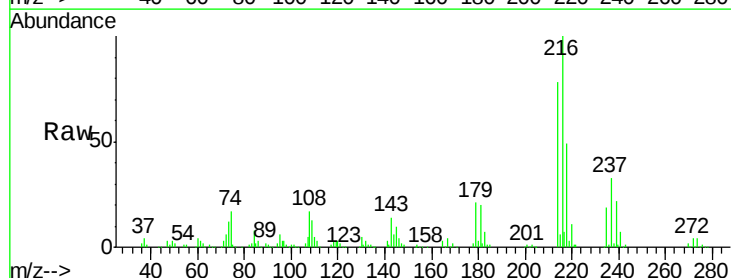
Ion Ratio Lower Upper

216 100

214 78.0 63.7 95.5

179 19.9 16.1 24.1

108 19.1 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

250000

200000

150000

100000

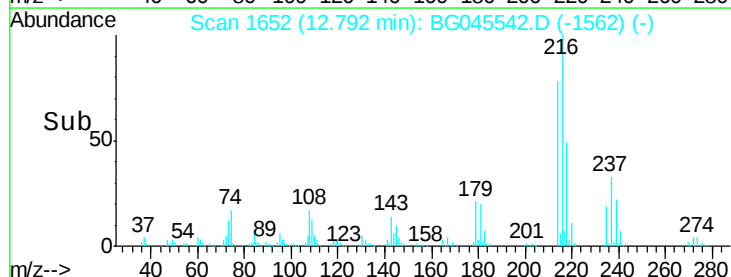
50000

0

12.79

12.75 12.80 12.85

Time-->





#41

Hexachlorocyclopentadiene

Concen: 90.595 ng

RT: 12.77 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

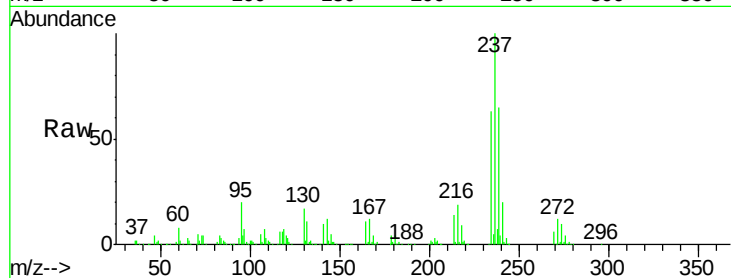
Tot Ion:237 Resp: 291271

Ion Ratio Lower Upper

237 100

235 63.0 44.4 84.4

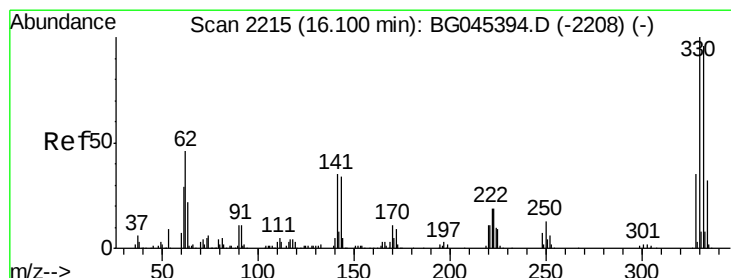
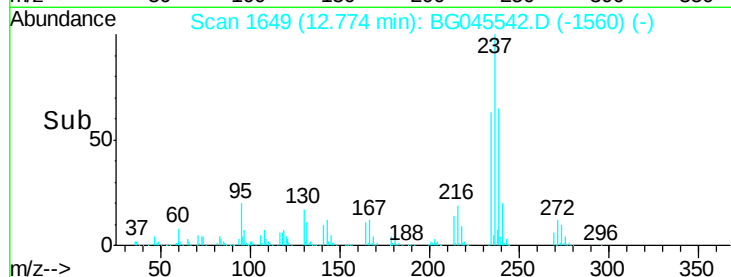
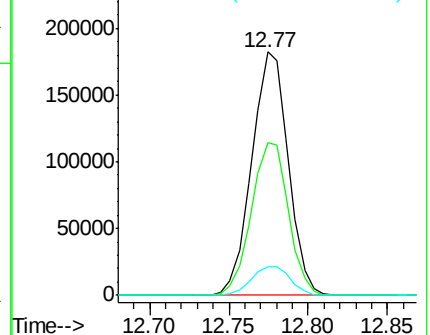
272 11.8 0.0 32.5



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: 154.646 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

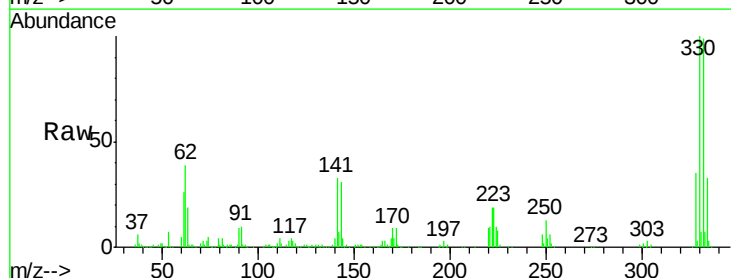
Tgt Ion:330 Resp: 394418

Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.4

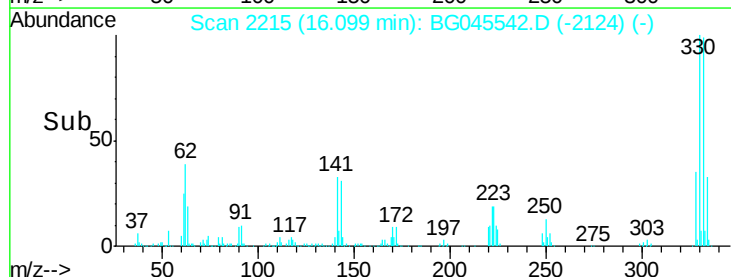
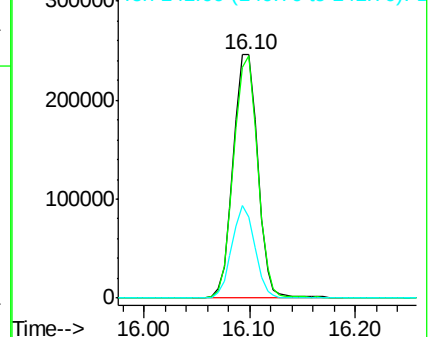
141 35.9 28.2 42.4

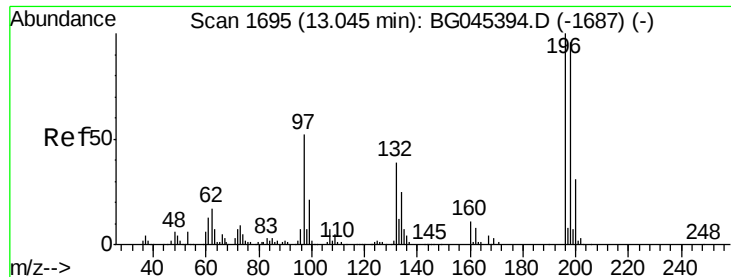


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

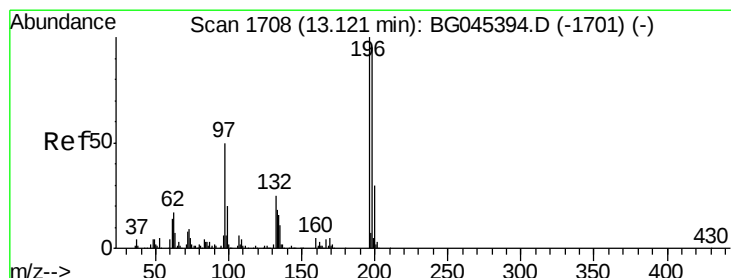
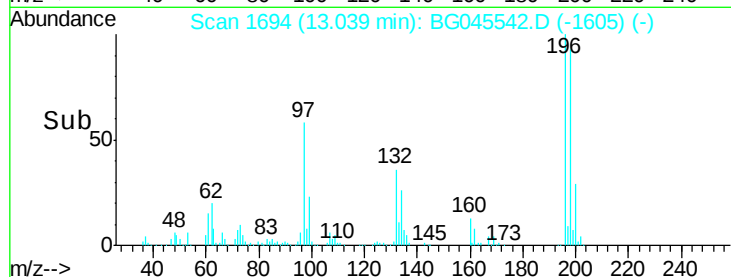
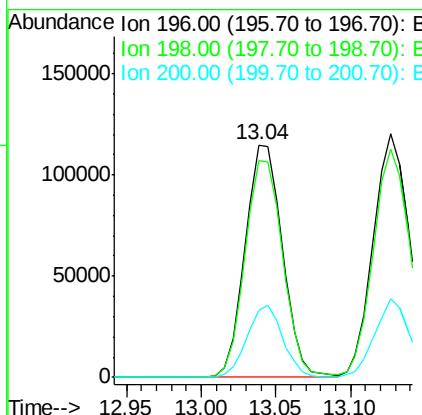
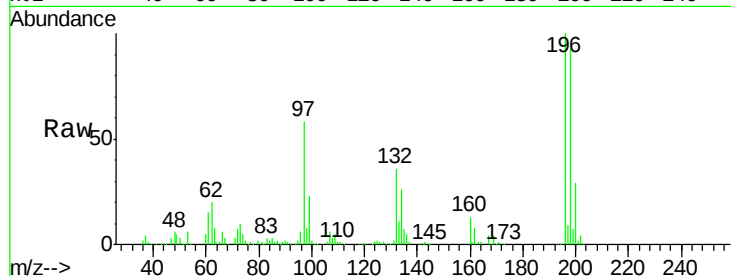




#43
 2,4,6-Trichlorophenol
 Concen: 51.212 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

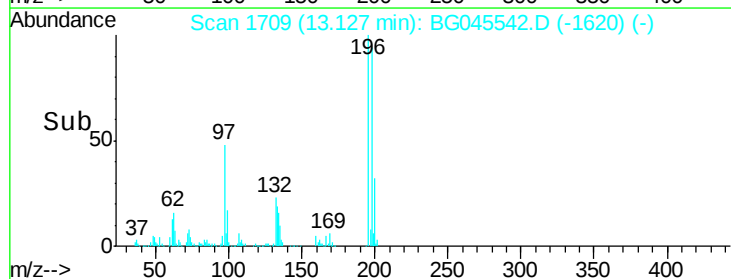
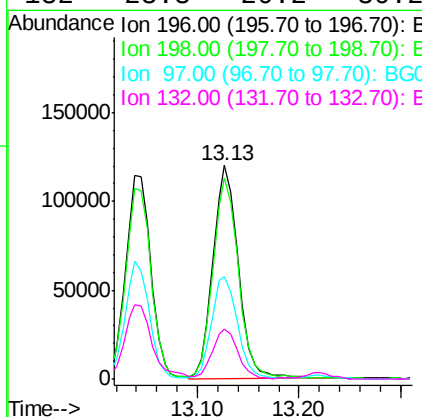
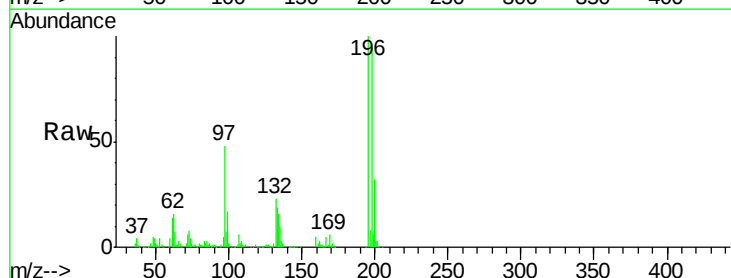
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tot Ion:196 Resp: 198164
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.7 115.1
 200 28.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 47.321 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion:196 Resp: 209245
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.1 114.1
 97 47.9 40.0 60.0
 132 23.3 20.2 30.2

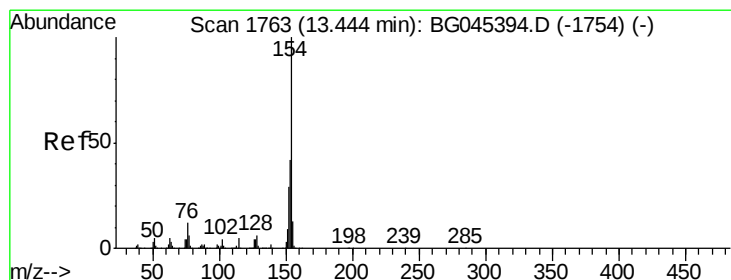
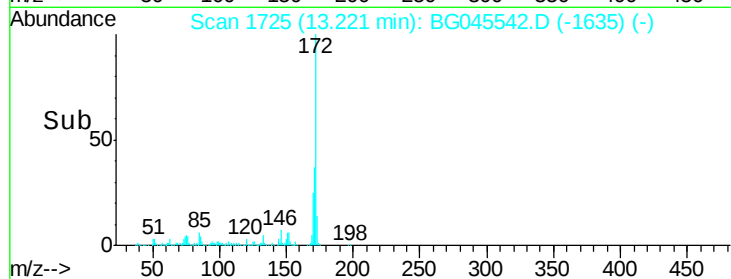
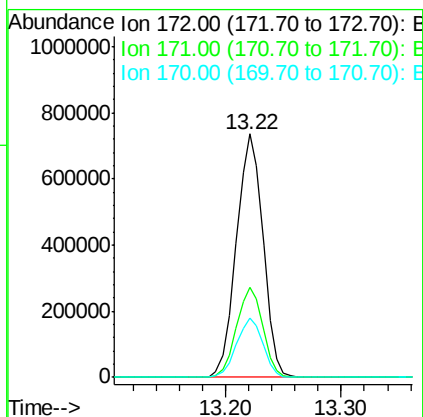
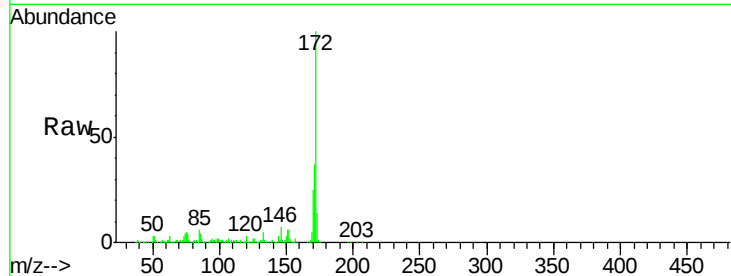




#45
2-Fluorobiphenyl
Concen: 99.736 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

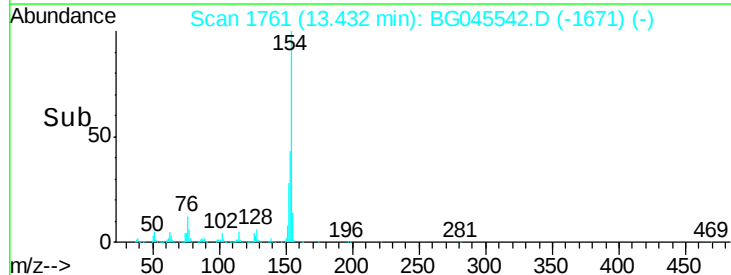
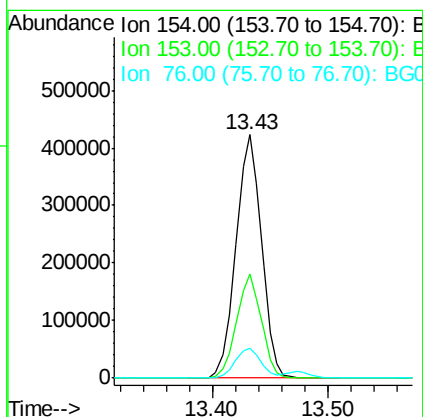
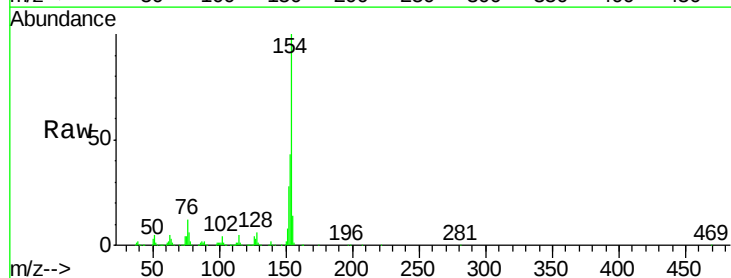
Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

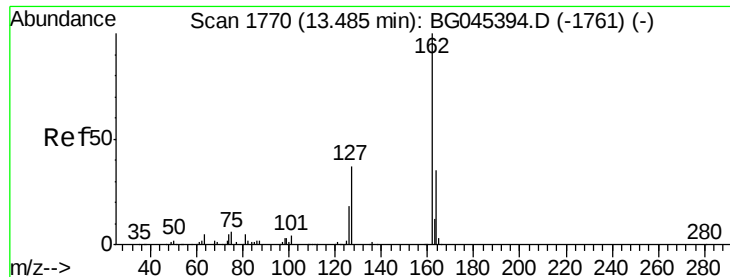
Tot Ion:172 Resp: 1172625
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 24.6 18.5 27.7



#46
1,1'-Biphenyl
Concen: 52.832 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion:154 Resp: 647398
Ion Ratio Lower Upper
154 100
153 42.6 22.2 62.2
76 12.1 0.0 32.4

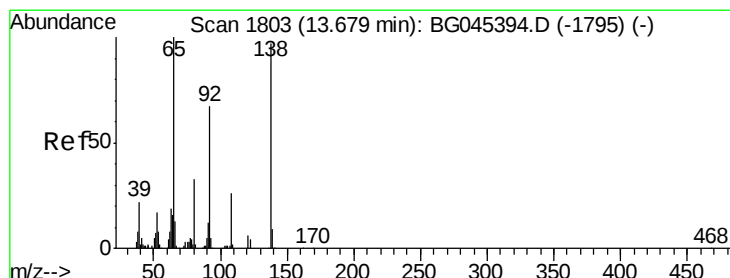
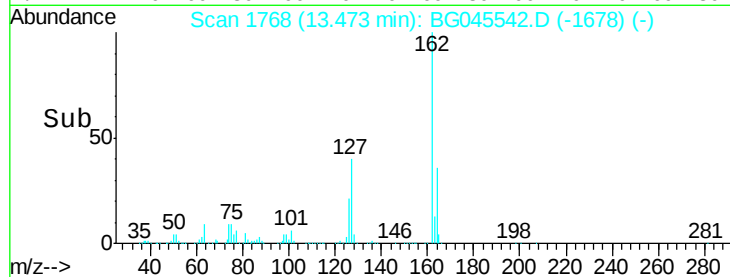
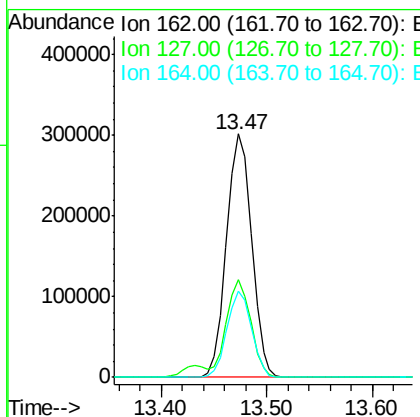
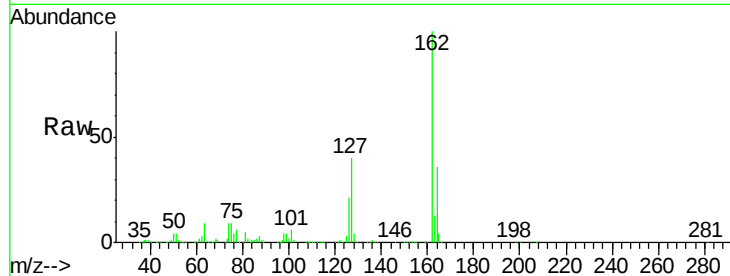




#47
2-Chloronaphthalene
Concen: 50.067 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

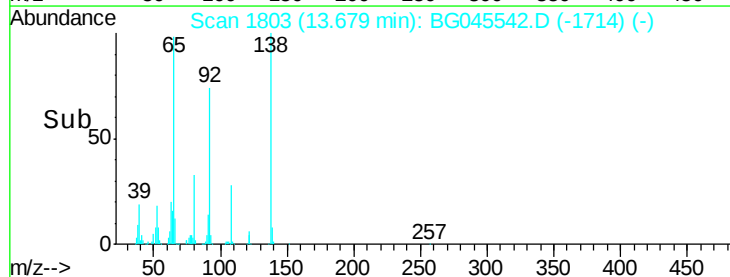
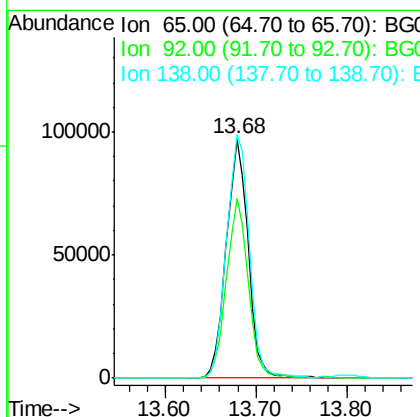
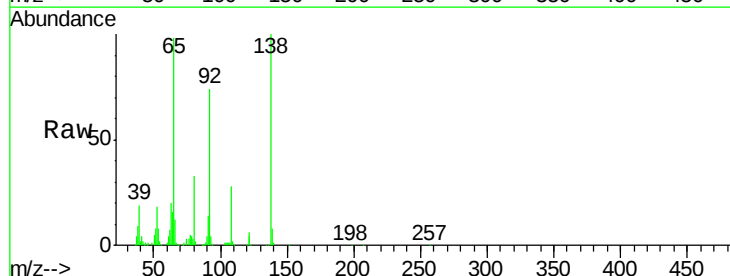
Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

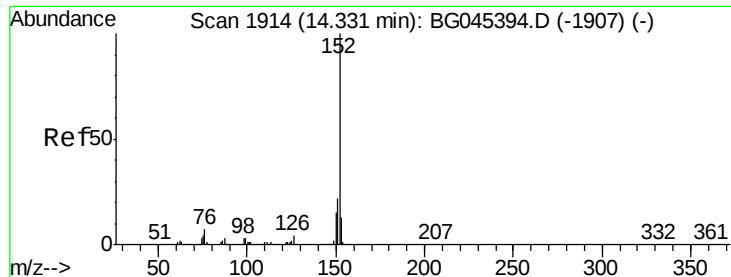
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.6	47.4
164	35.5	28.1	42.1



#48
2-Nitroaniline
Concen: 49.934 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	53.8	80.8
138	102.0	77.9	116.9





#49

Acenaphthylene

Concen: 51.024 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

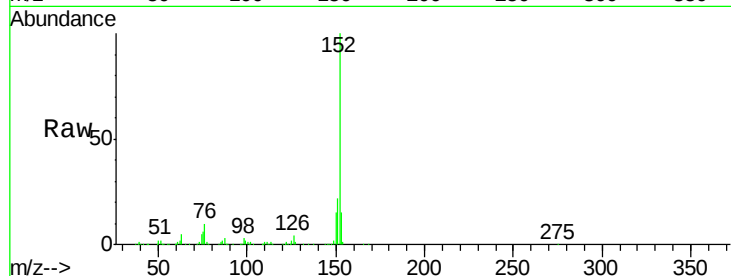
Tot Ion:152 Resp: 815536

Ion Ratio Lower Upper

152 100

151 21.6 17.4 26.2

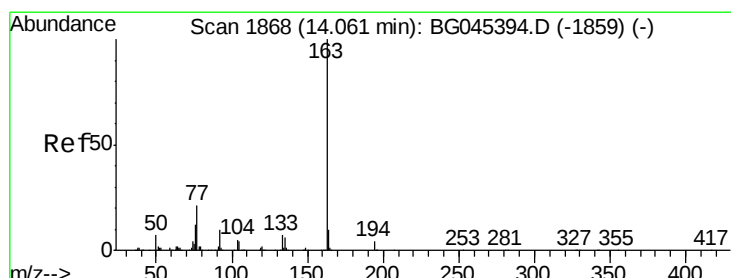
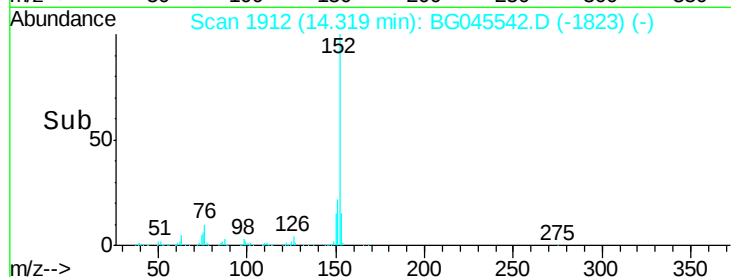
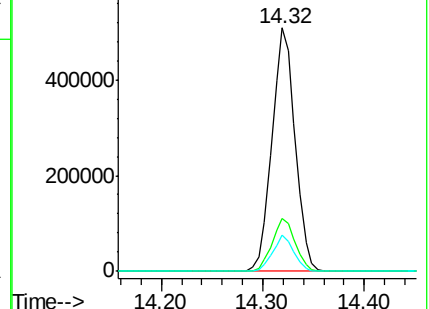
153 14.8 10.7 16.1



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: 62.178 ng

RT: 14.05 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

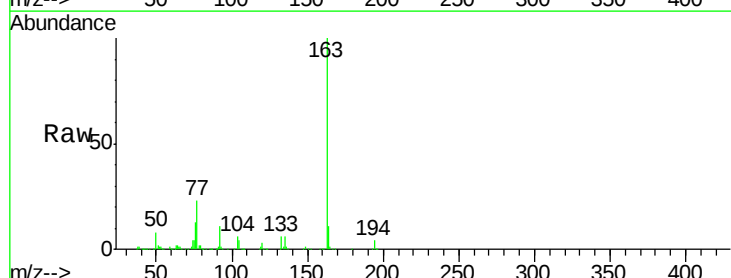
Tgt Ion:163 Resp: 850638

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

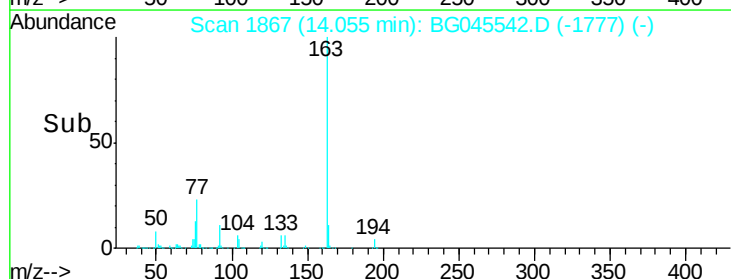
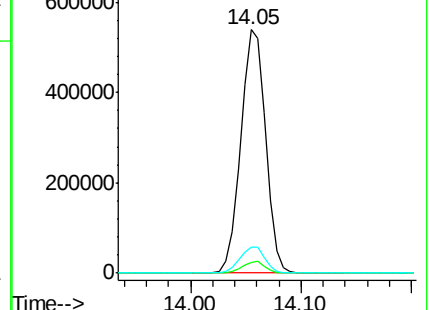
164 10.8 8.3 12.5

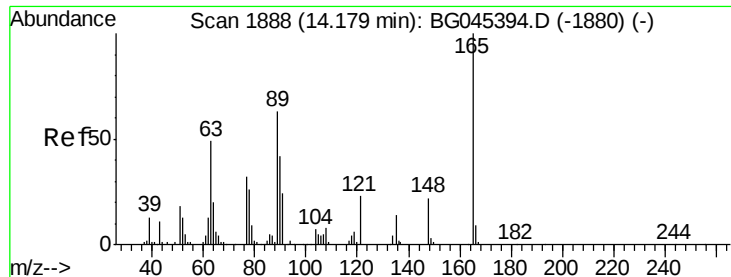


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

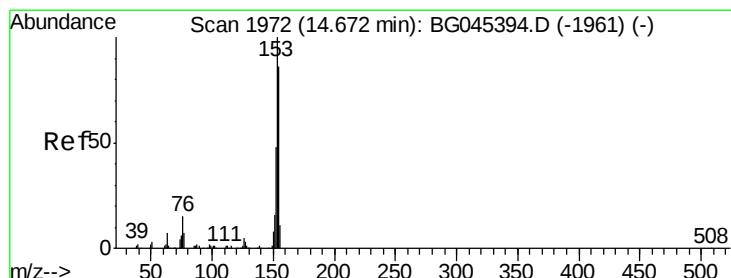
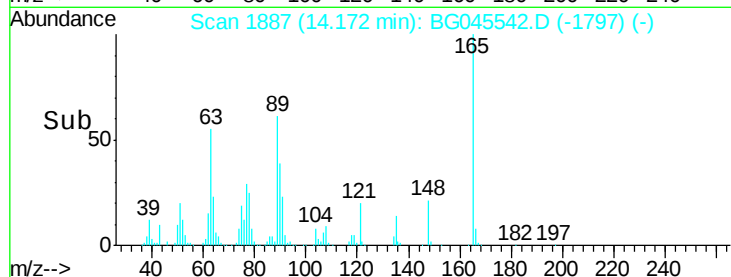
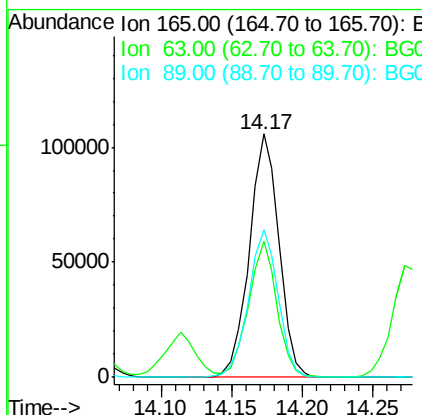
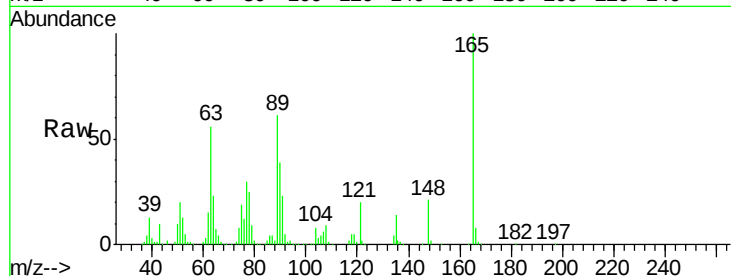




#51
 2,6-Dinitrotoluene
 Concen: 50.529 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

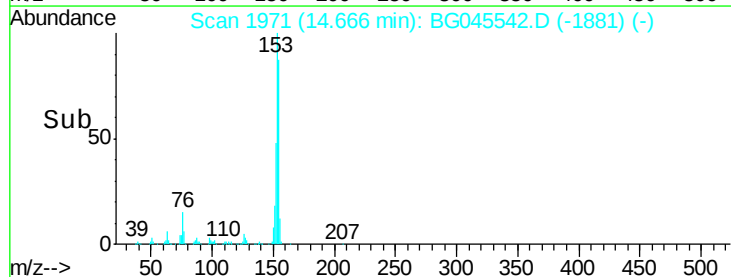
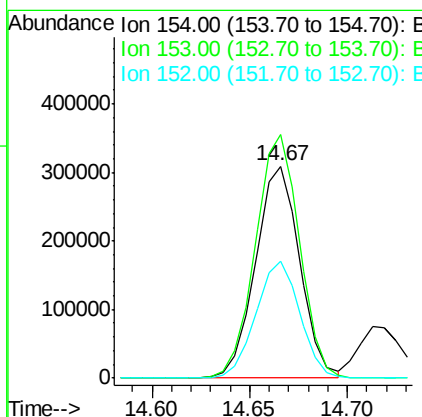
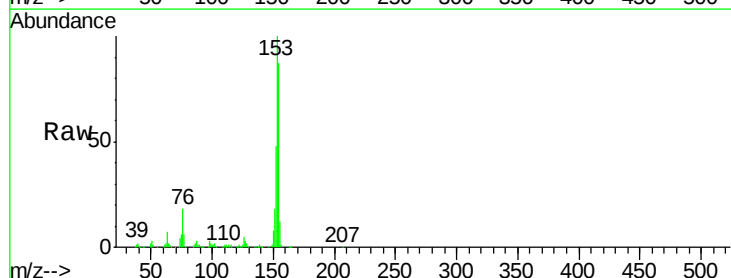
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

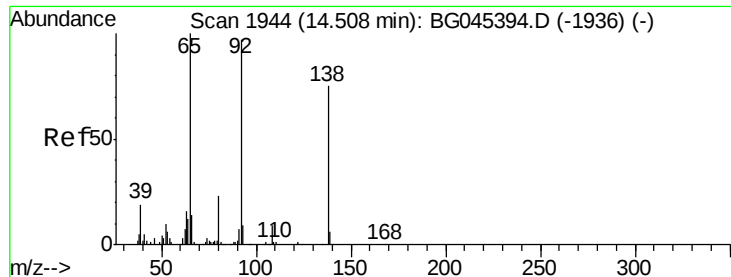
Tot Ion:165 Resp: 155986
 Ion Ratio Lower Upper
 165 100
 63 55.8 45.0 67.4
 89 60.8 50.2 75.4



#52
 Acenaphthene
 Concen: 45.299 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion:154 Resp: 484652
 Ion Ratio Lower Upper
 154 100
 153 114.8 92.8 139.2
 152 55.1 44.6 66.8

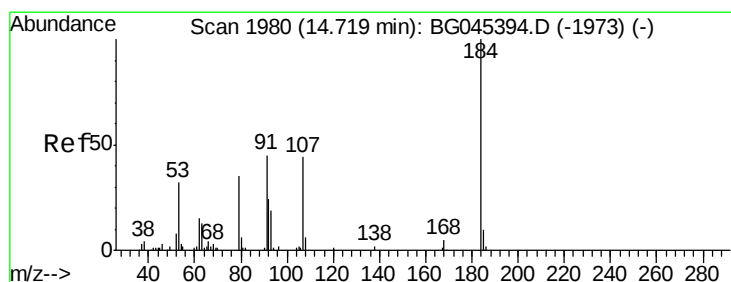
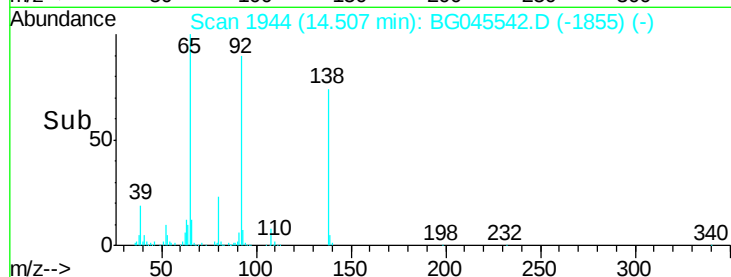
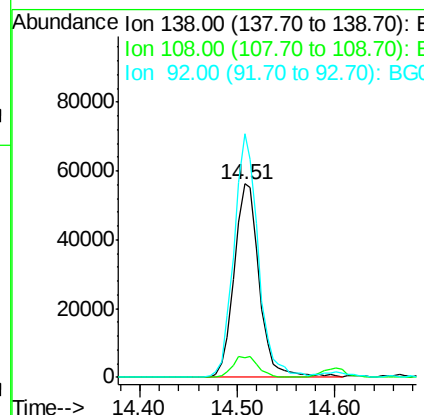
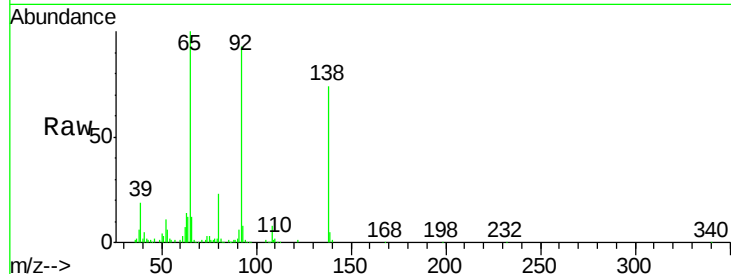




#53
3-Nitroaniline
Concen: 32.011 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

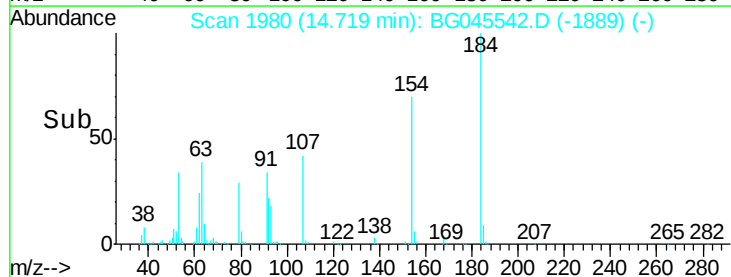
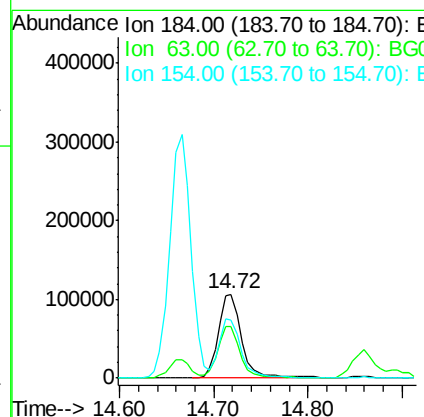
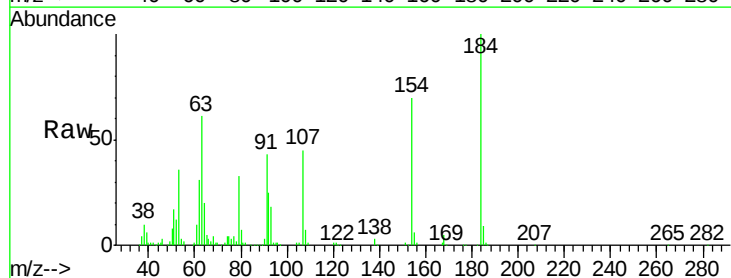
Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

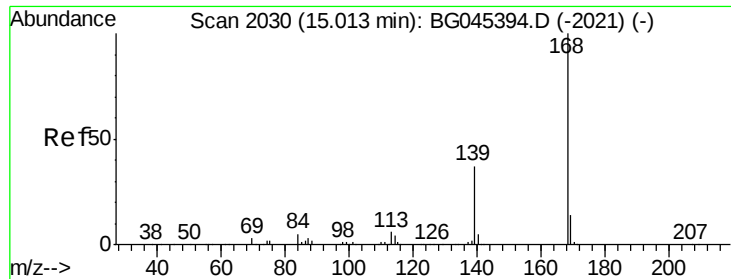
Tot Ion:138 Resp: 100455
Ion Ratio Lower Upper
138 100
108 10.4 9.8 14.6
92 126.1 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 90.769 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion:184 Resp: 185149
Ion Ratio Lower Upper
184 100
63 61.0 47.8 71.6
154 69.6 58.3 87.5

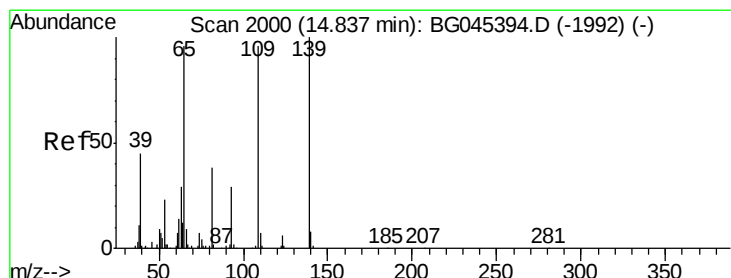
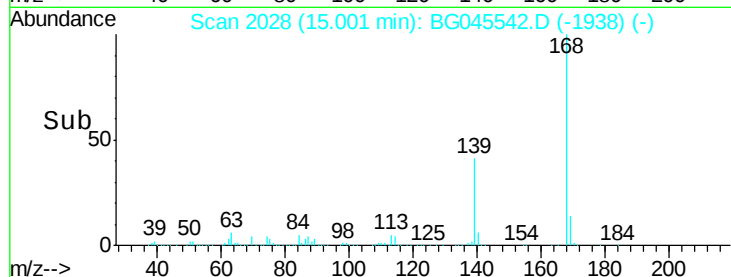
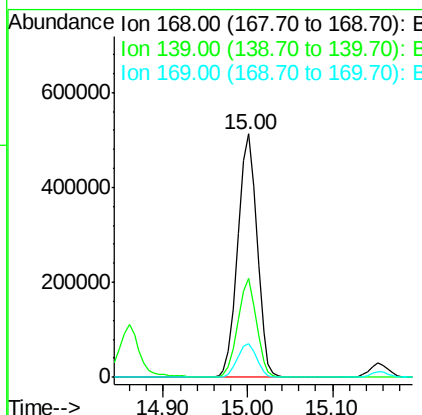
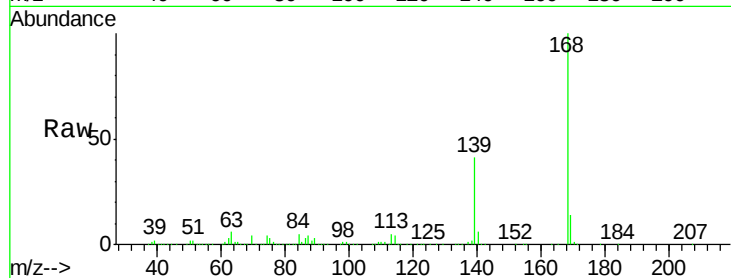




#55
Dibenzofuran
Concen: 50.321 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

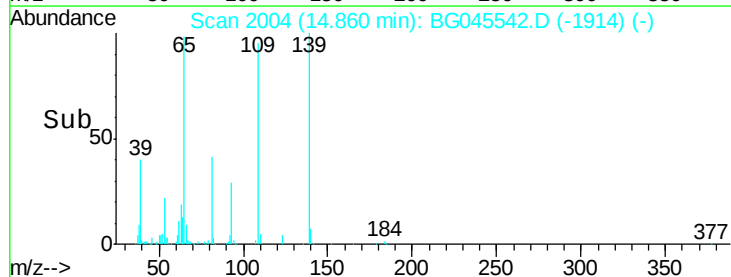
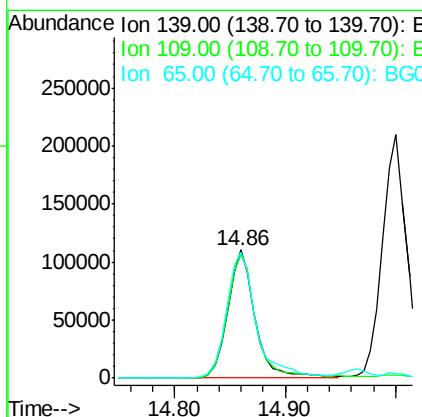
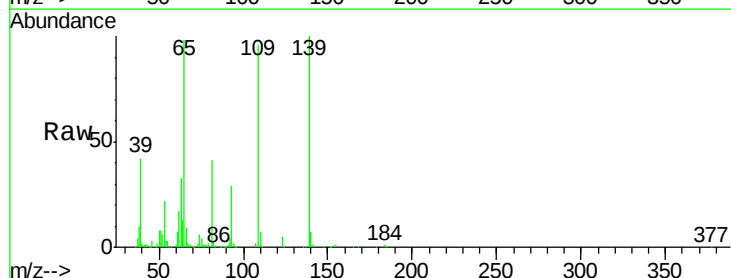
Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

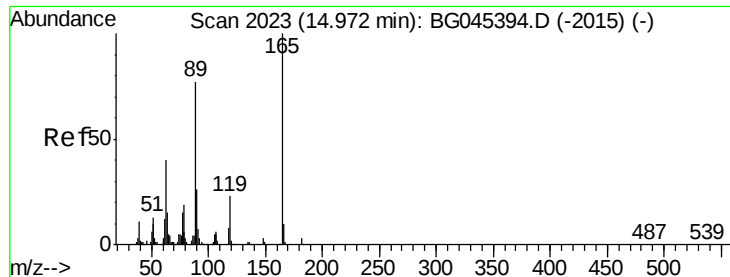
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	29.9	44.9
169	13.7	10.9	16.3



#56
4-Nitrophenol
Concen: 80.380 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.9	75.6	115.6
65	98.4	76.8	116.8

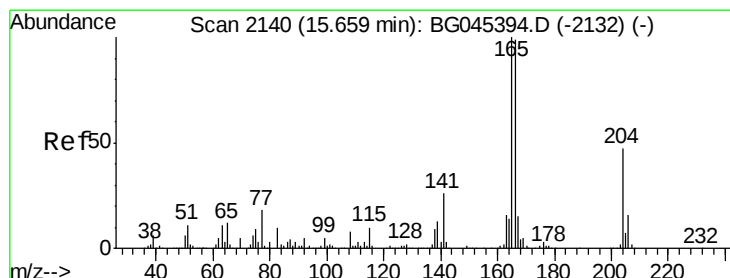
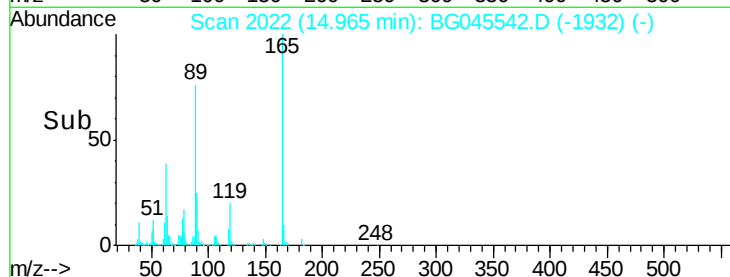
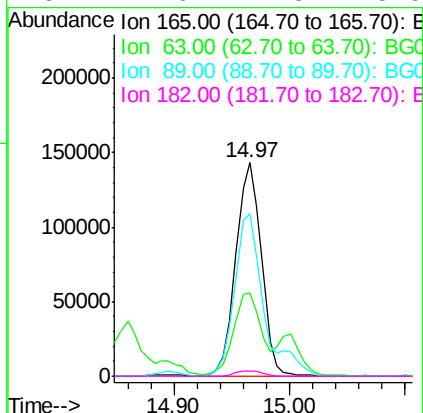
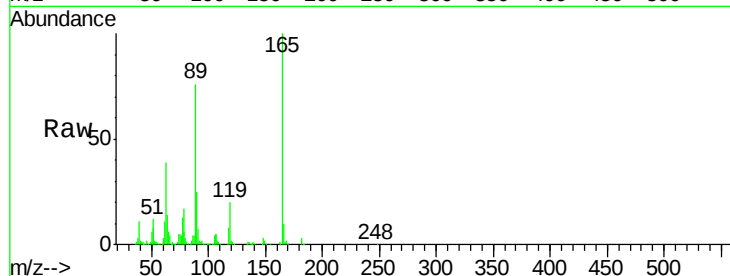




#57
2,4-Dinitrotoluene
Concen: 49.283 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

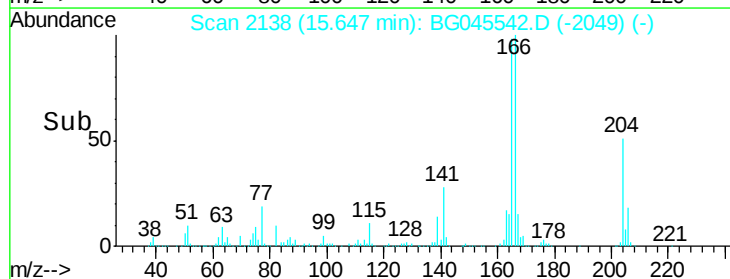
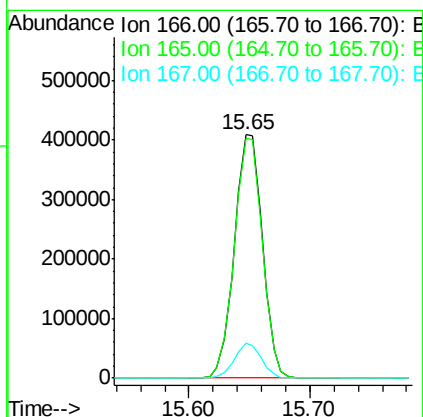
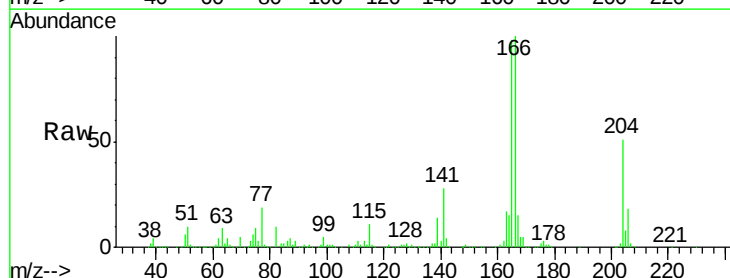
Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

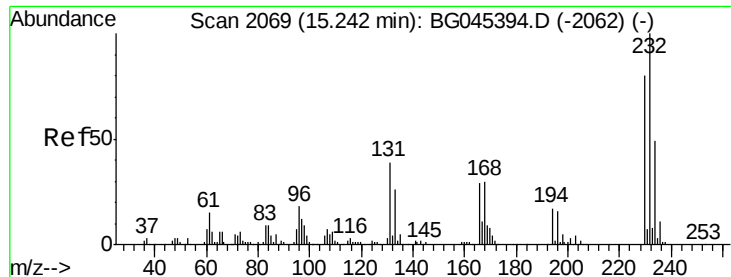
Tot Ion:165	Resp:	220335
Ion Ratio	Lower	Upper
165	100	
63	39.0	32.5 48.7
89	76.2	61.8 92.6
182	2.6	2.3 3.5



#58
Fluorene
Concen: 50.777 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion:166	Resp:	662782
Ion Ratio	Lower	Upper
166	100	
165	98.3	80.8 121.2
167	14.6	12.0 18.0

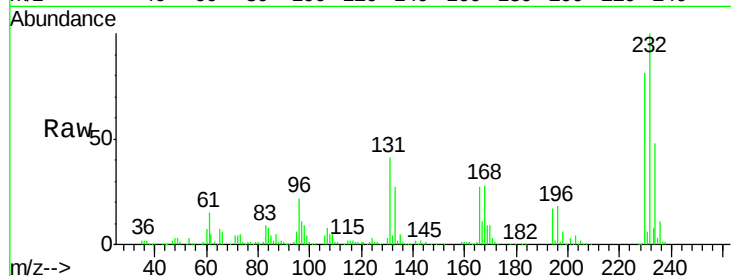




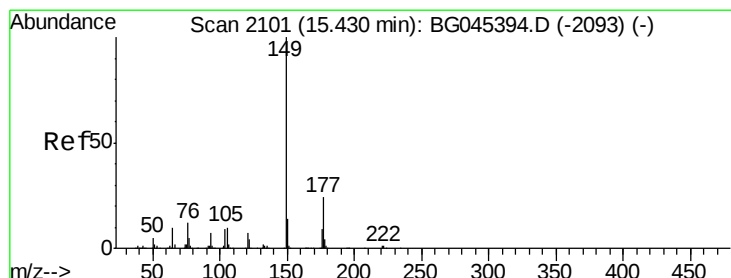
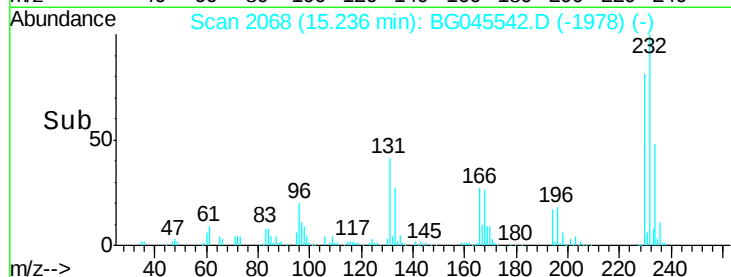
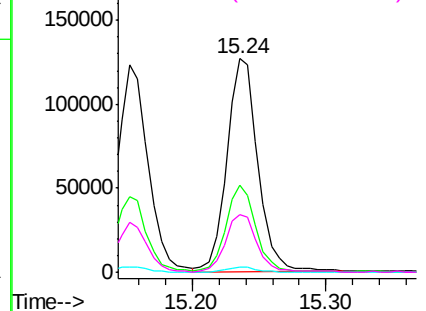
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.821 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tot Ion:232	Resp:	205485
Ion Ratio	Lower	Upper
232	100	
131	39.3	33.7 50.5
130	2.3	2.1 3.1
166	27.4	23.2 34.8

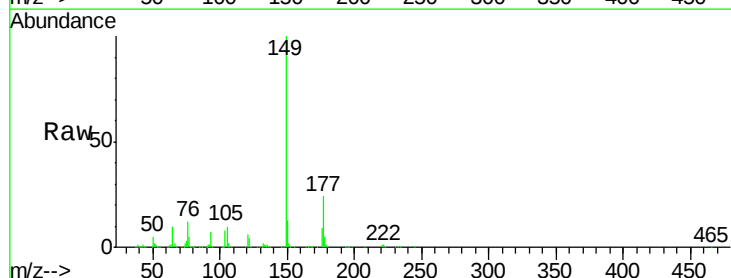


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

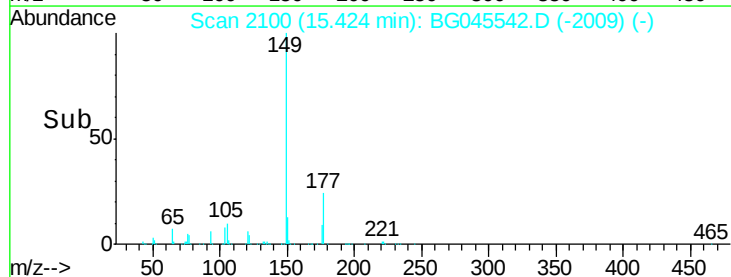
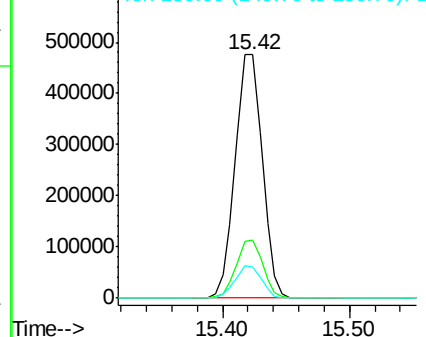


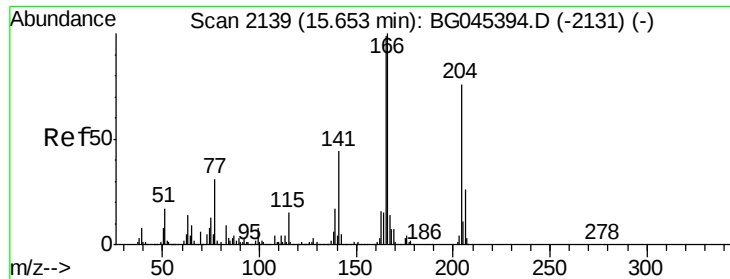
#60
 Diethylphthalate
 Concen: 49.341 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion:149	Resp:	702581
Ion Ratio	Lower	Upper
149	100	
177	24.0	19.0 28.4
150	12.9	11.4 17.0



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

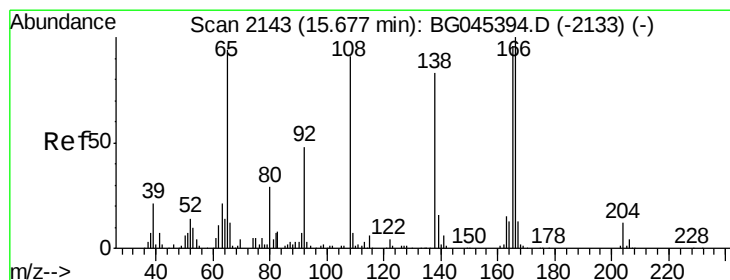
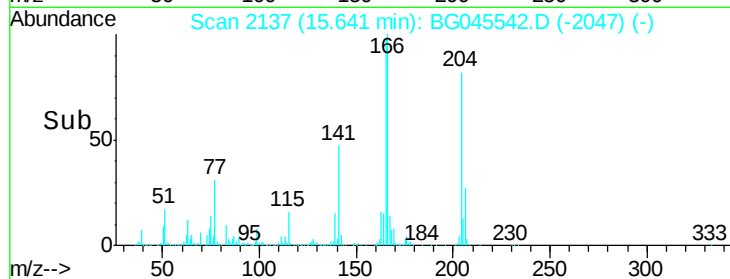
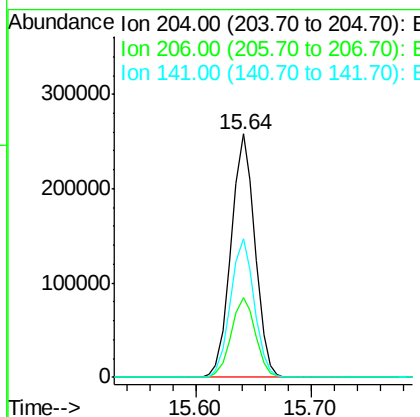
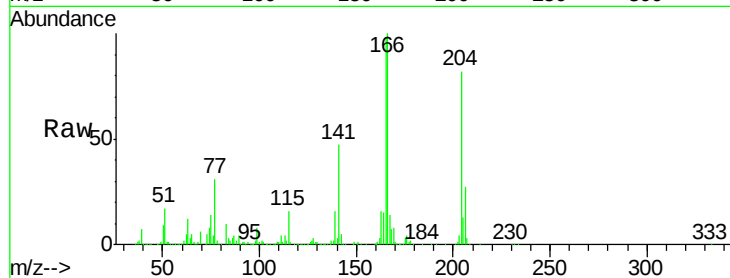




#61
 4-Chlorophenyl-phenylether
 Concen: 49.431 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

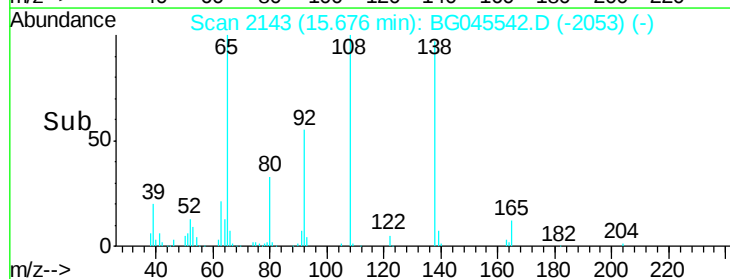
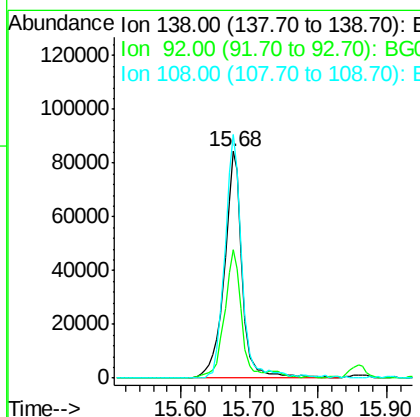
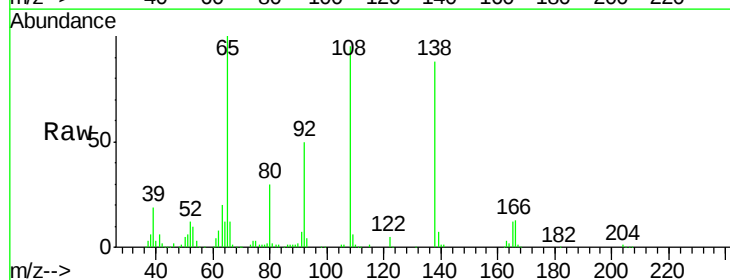
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

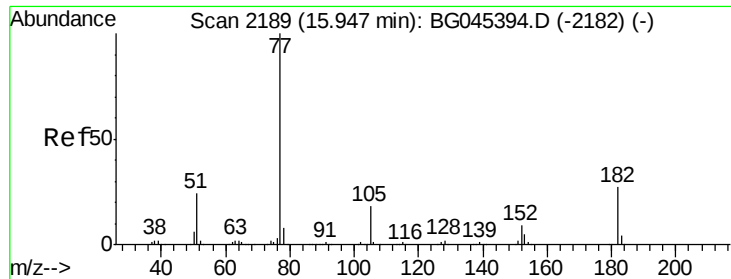
Tot Ion:204 Resp: 369218
 Ion Ratio Lower Upper
 204 100
 206 32.6 27.3 40.9
 141 56.7 45.9 68.9



#62
 4-Nitroaniline
 Concen: 46.680 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion:138 Resp: 152926
 Ion Ratio Lower Upper
 138 100
 92 56.8 38.0 78.0
 108 107.5 89.3 129.3





#63

Azobenzene

Concen: 50.219 ng

RT: 15.93 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

Tot Ion: 77 Resp: 666774

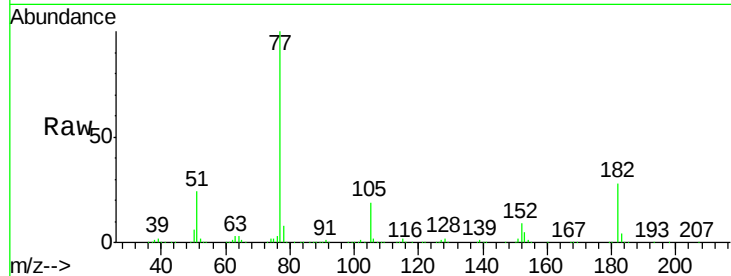
Ion Ratio Lower Upper

77 100

182 27.6 6.5 46.5

105 18.9 0.0 37.9

51 23.8 4.1 44.1

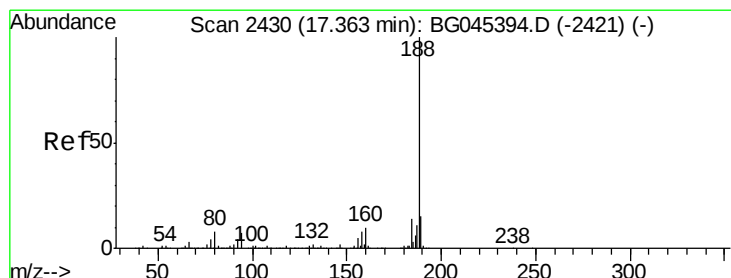
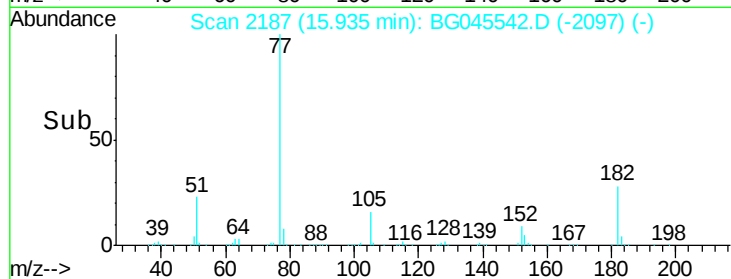
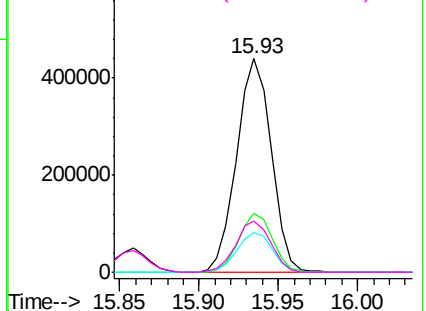


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.35 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

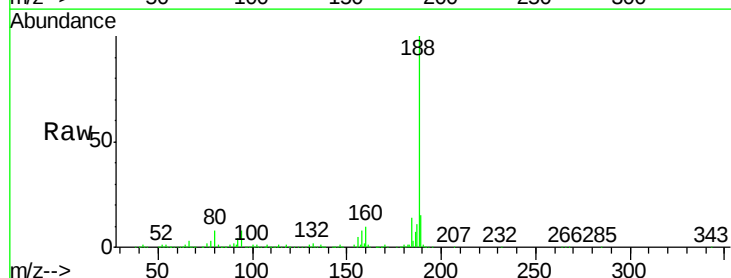
Tgt Ion: 188 Resp: 469740

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

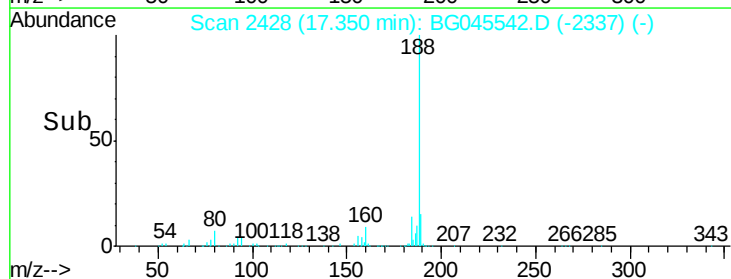
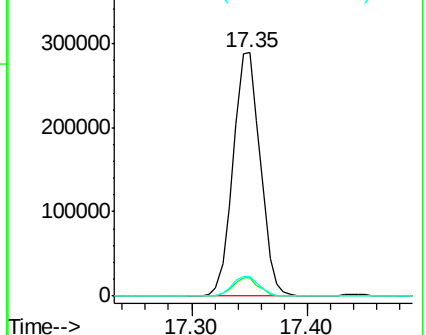
80 7.8 6.6 10.0

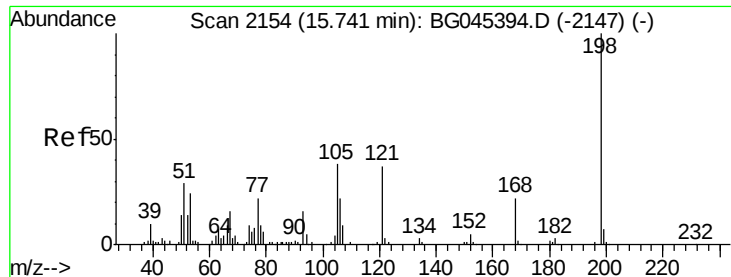


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 51.100 ng

RT: 15.73 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

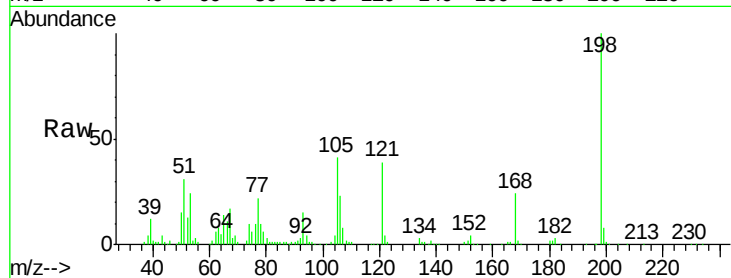
BNA_G

ClientSampleId :

SU-01-052720MSD

Tot Ion:198 Resp: 139797

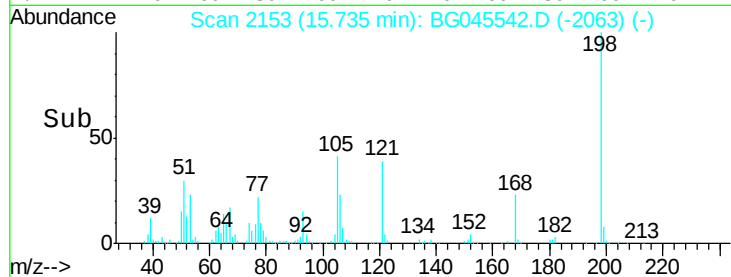
Ion	Ratio	Lower	Upper
198	100		
51	30.7	10.0	50.0
105	40.9	18.9	58.9



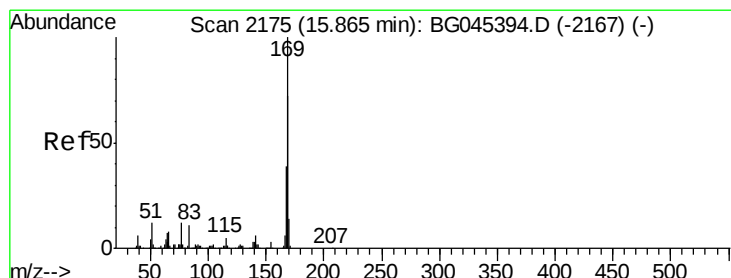
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG045542.D (-2063) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 52.249 ng

RT: 15.86 min Scan# 2174

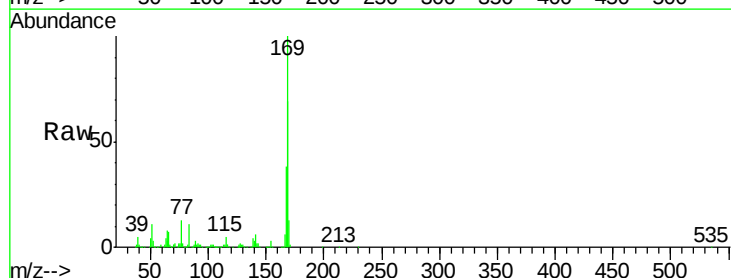
Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion:169 Resp: 589293

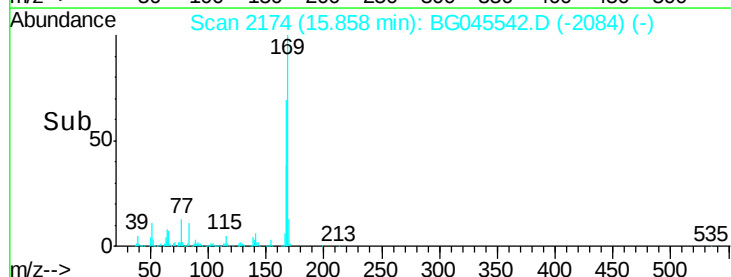
Ion	Ratio	Lower	Upper
169	100		
168	69.4	57.8	86.6
167	37.8	31.5	47.3



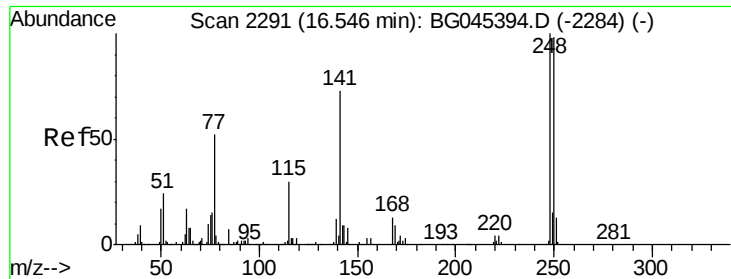
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



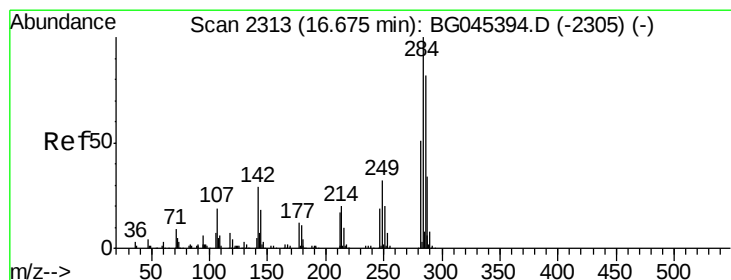
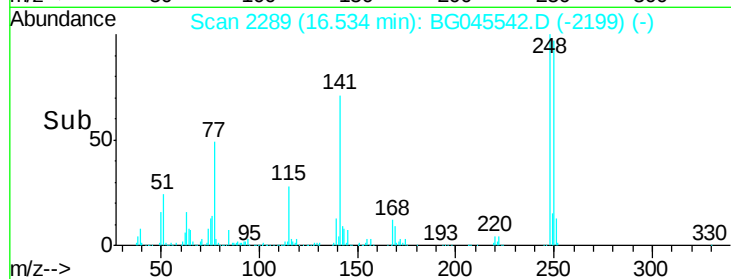
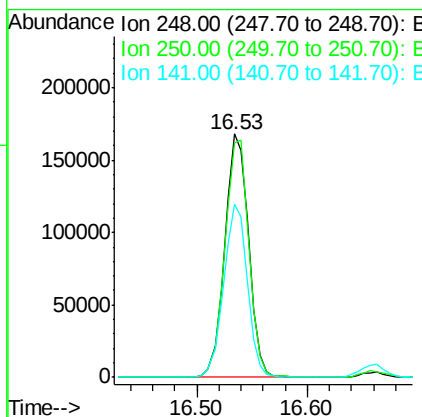
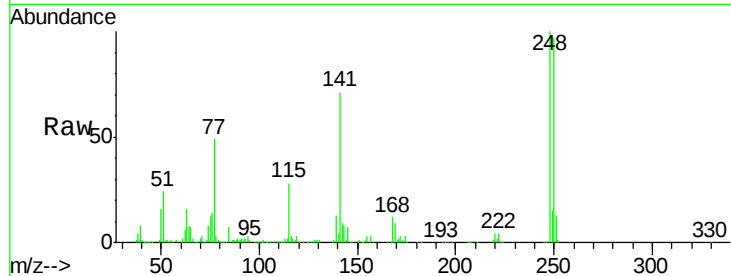
Time-->



#67
4-Bromophenyl-phenylether
Concen: 49.795 ng
RT: 16.53 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

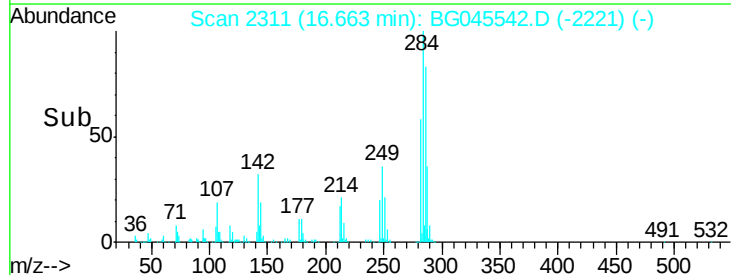
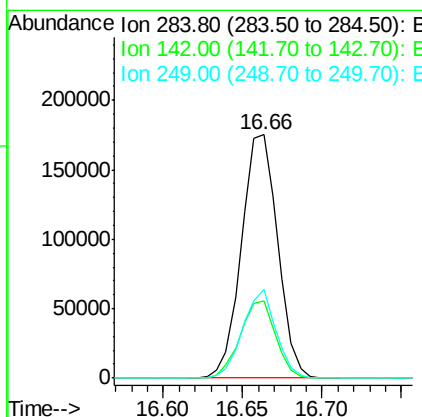
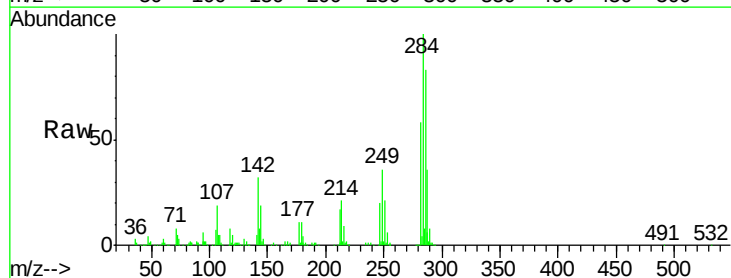
Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

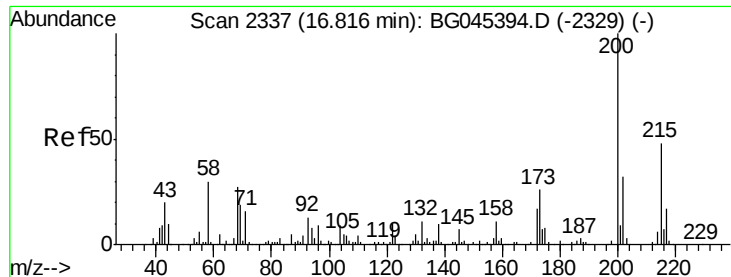
Tot Ion:248 Resp: 253281
Ion Ratio Lower Upper
248 100
250 96.6 78.6 117.8
141 71.0 58.2 87.2



#68
Hexachlorobenzene
Concen: 52.269 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion:284 Resp: 278075
Ion Ratio Lower Upper
284 100
142 31.6 23.0 34.6
249 36.3 25.8 38.6





#69

Atrazine

Concen: 47.604 ng

RT: 16.81 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

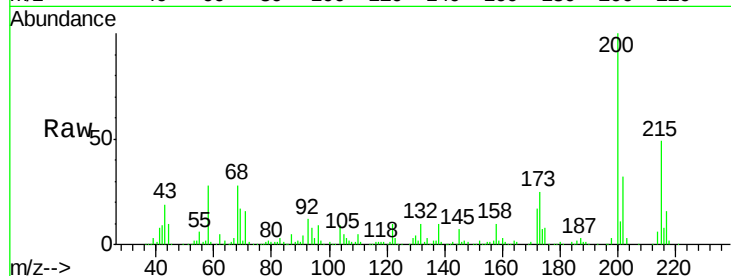
Tot Ion:200 Resp: 221143

Ion Ratio Lower Upper

200 100

173 25.5 5.5 45.5

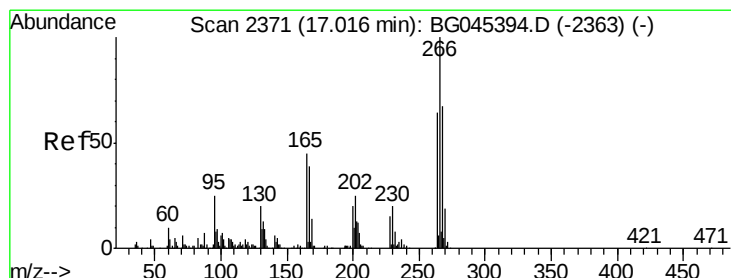
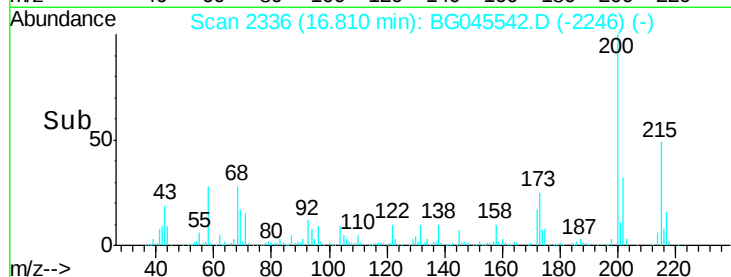
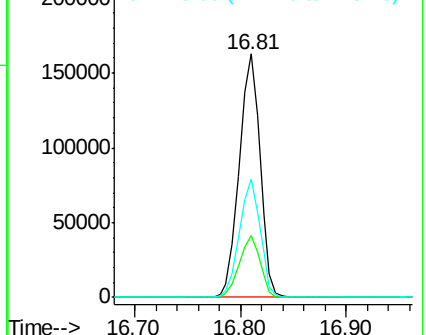
215 48.5 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 110.194 ng

RT: 17.01 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

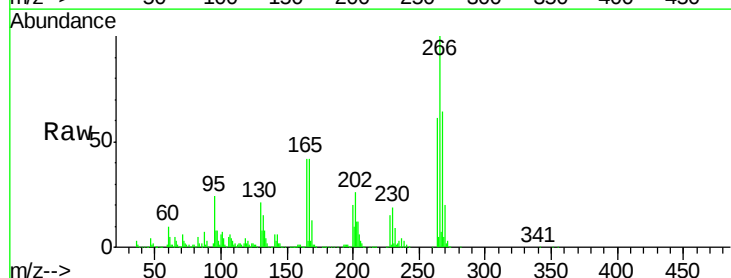
Tgt Ion:266 Resp: 304400

Ion Ratio Lower Upper

266 100

268 63.8 53.2 79.8

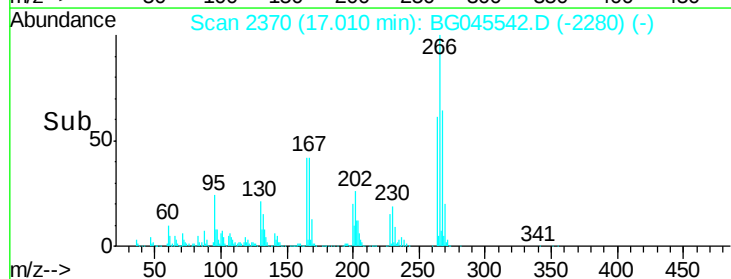
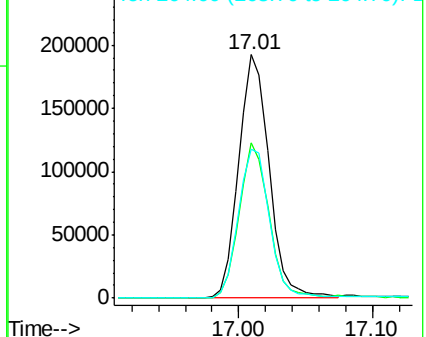
264 61.1 51.0 76.4

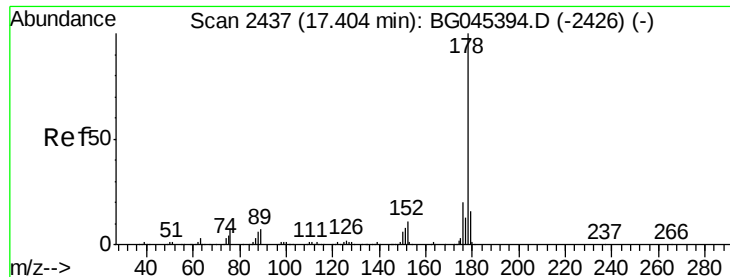


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

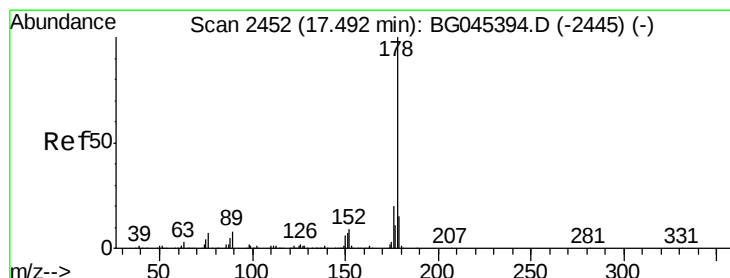
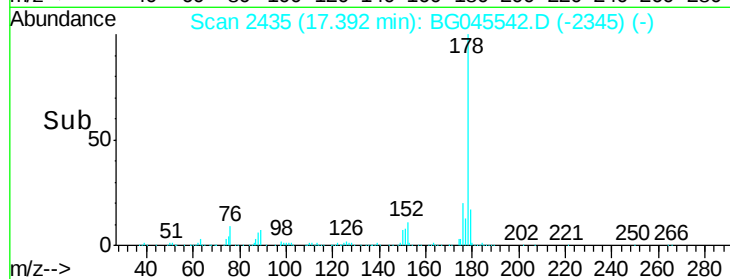
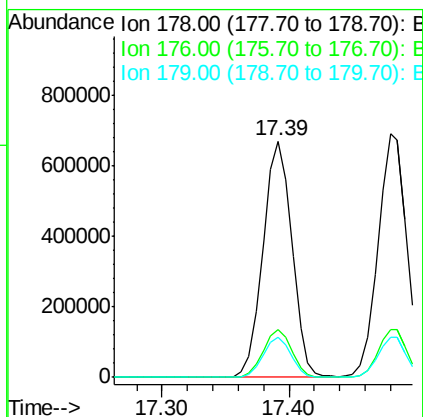
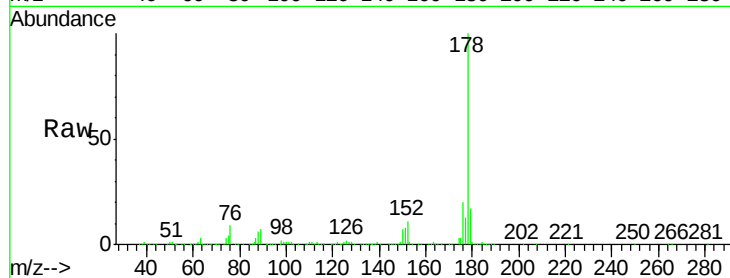




#71
Phenanthrene
Concen: 51.660 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

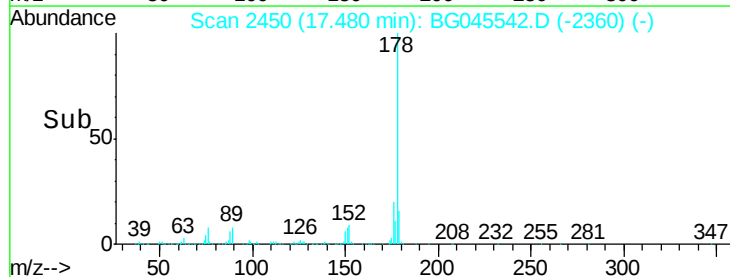
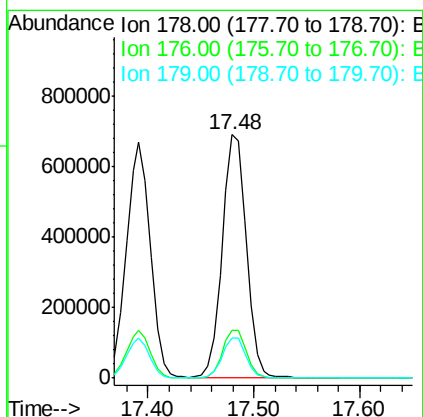
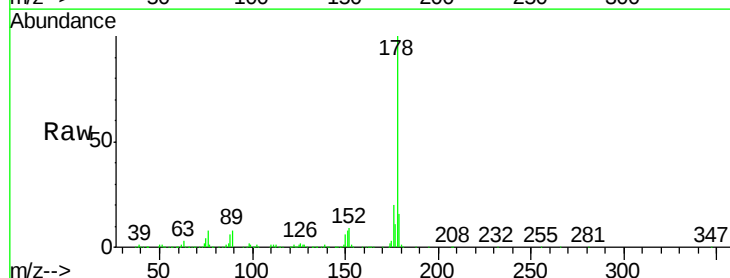
Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

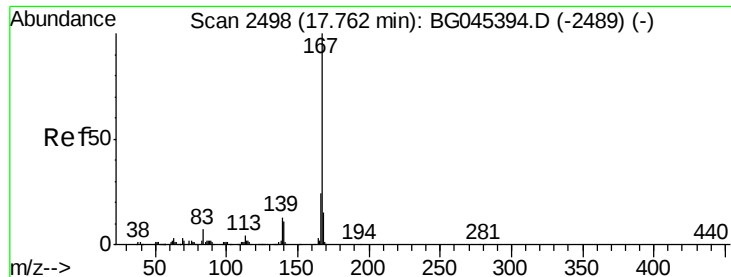
Tot Ion:178 Resp: 1059372
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.9 13.1 19.7



#72
Anthracene
Concen: 52.906 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion:178 Resp: 1089530
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.3 12.2 18.4





#73

Carbazole

Concen: 48.720 ng

RT: 17.76 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

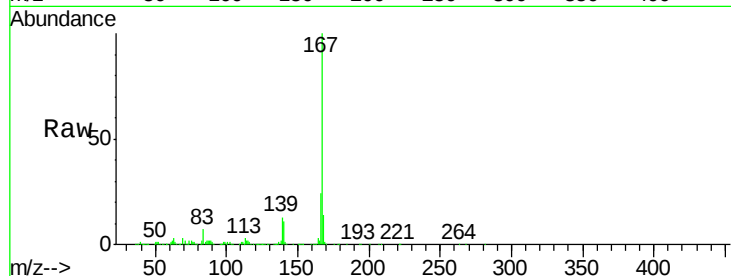
Tot Ion:167 Resp: 977989

Ion Ratio Lower Upper

167 100

166 24.1 19.2 28.8

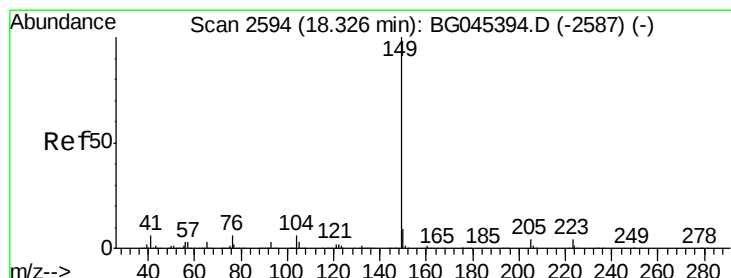
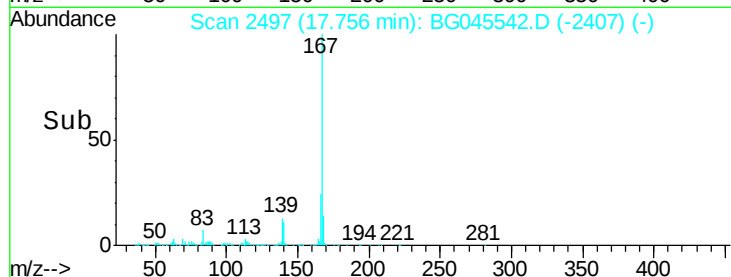
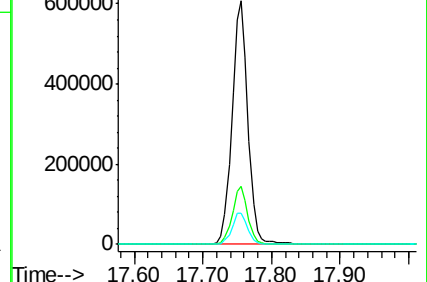
139 13.0 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.049 ng

RT: 18.31 min Scan# 2592

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

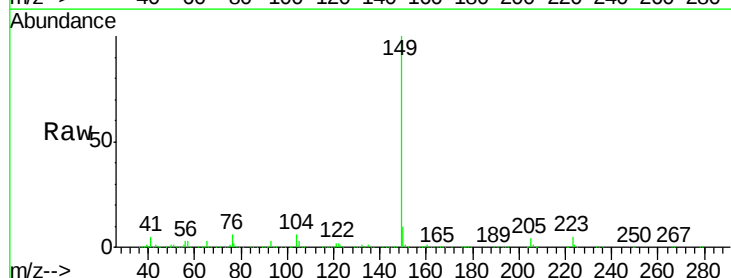
Tgt Ion:149 Resp: 1181777

Ion Ratio Lower Upper

149 100

150 10.2 7.6 11.4

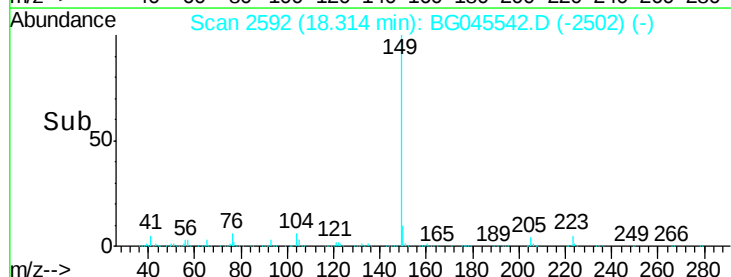
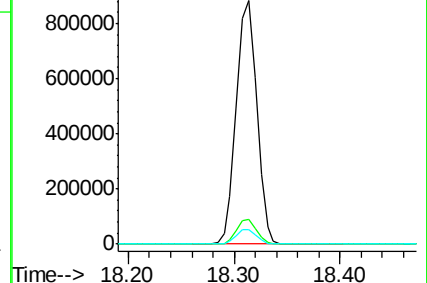
104 6.2 5.0 7.4

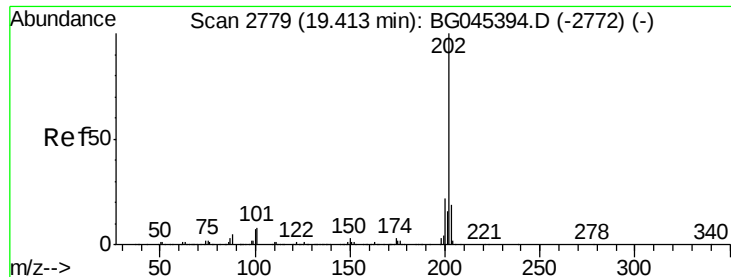


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

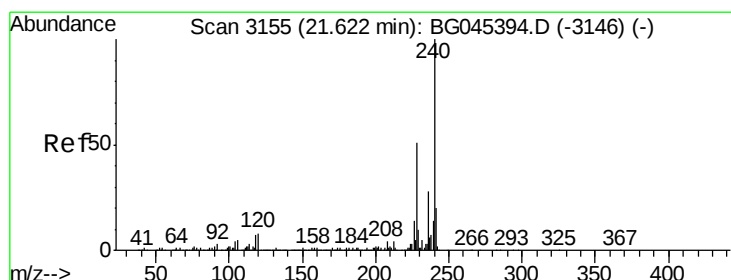
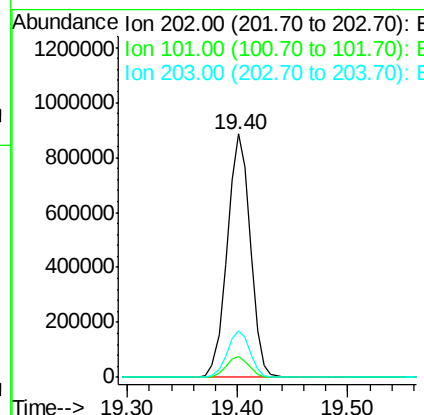
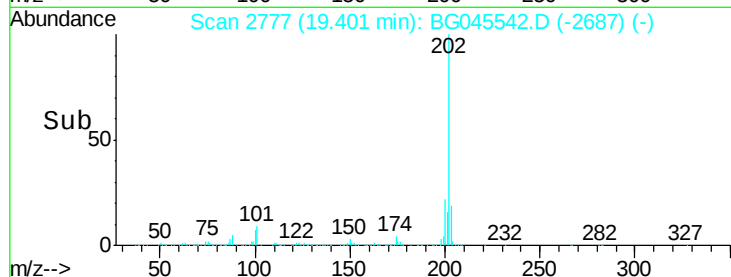
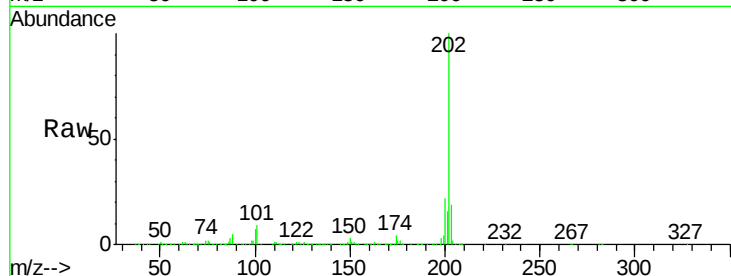




#75
 Fluoranthene
 Concen: 49.753 ng
 RT: 19.40 min Scan# 2777
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

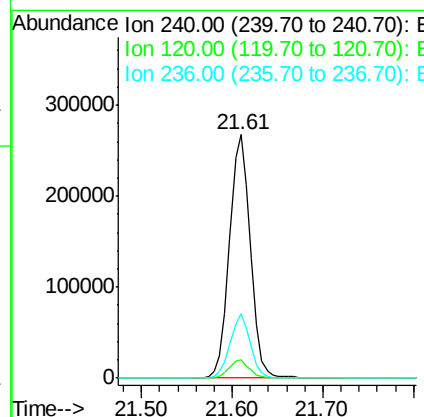
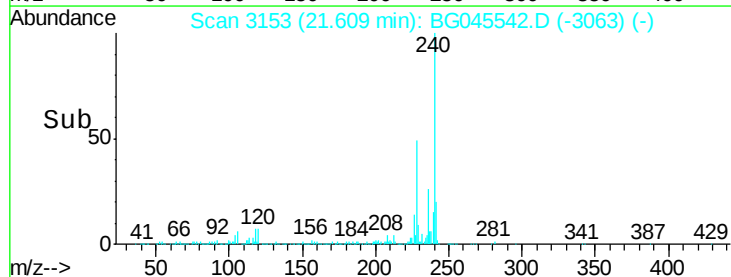
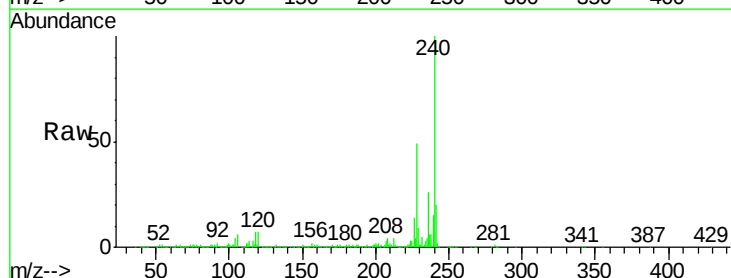
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

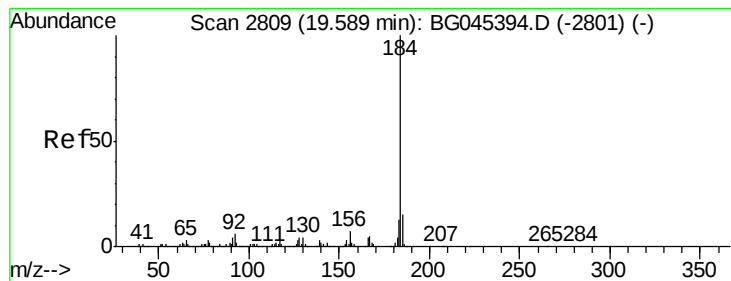
Tot Ion:202 Resp: 1297718
 Ion Ratio Lower Upper
 202 100
 101 8.7 0.0 28.3
 203 19.2 0.0 39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion:240 Resp: 426444
 Ion Ratio Lower Upper
 240 100
 120 7.4 6.1 9.1
 236 26.3 22.3 33.5





#77

Benzidine

Concen: 48.711 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

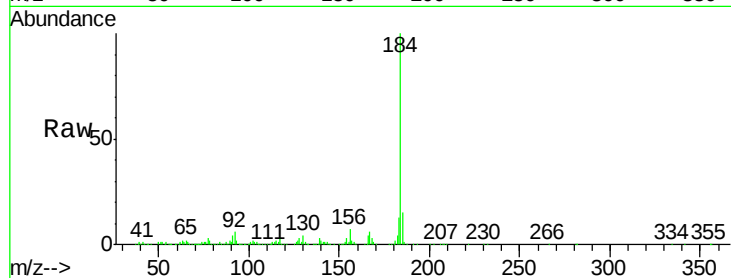
Tot Ion:184 Resp: 583412

Ion Ratio Lower Upper

184 100

185 15.3 11.7 17.5

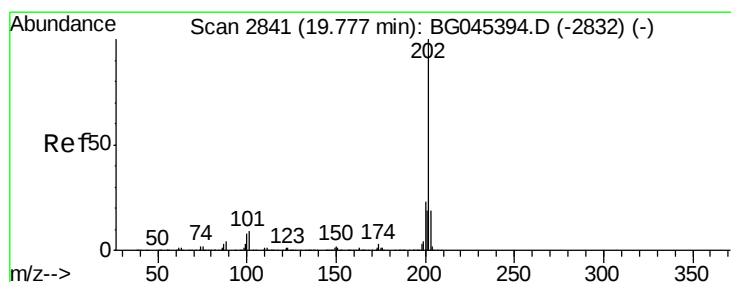
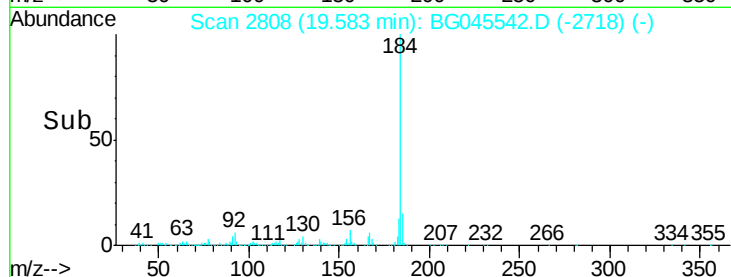
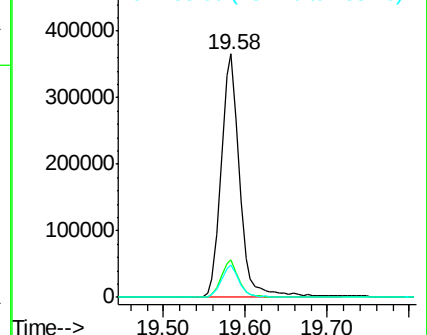
183 13.2 10.2 15.4



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: 52.393 ng

RT: 19.76 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

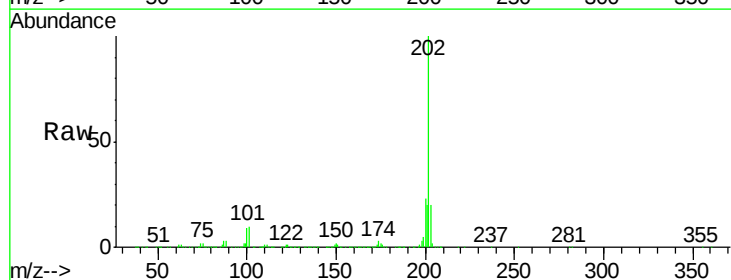
Tgt Ion:202 Resp: 1273630

Ion Ratio Lower Upper

202 100

200 23.2 18.2 27.2

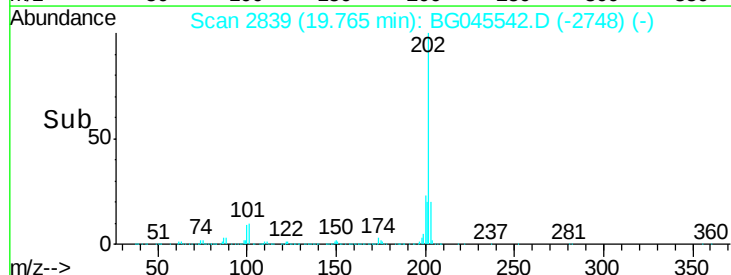
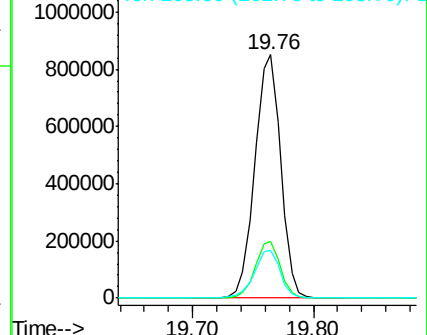
203 19.5 15.1 22.7

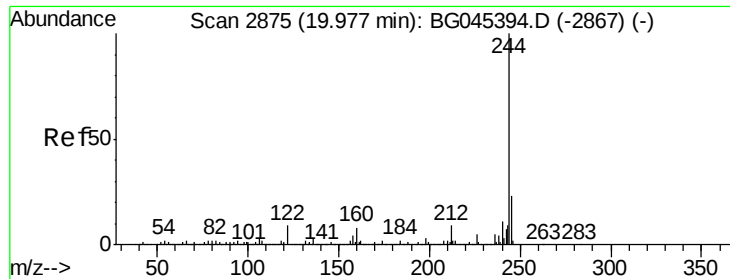


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.938 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

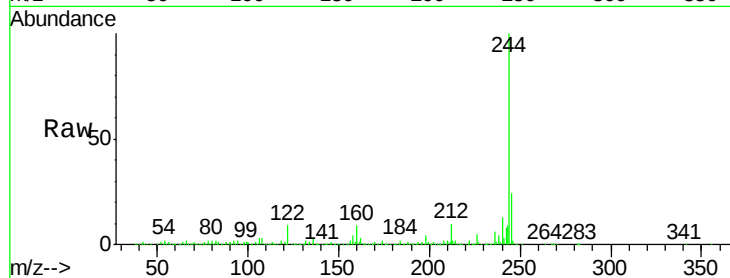
Tot Ion:244 Resp: 1918724

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.0

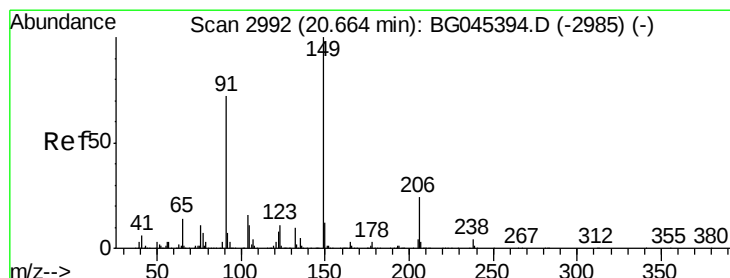
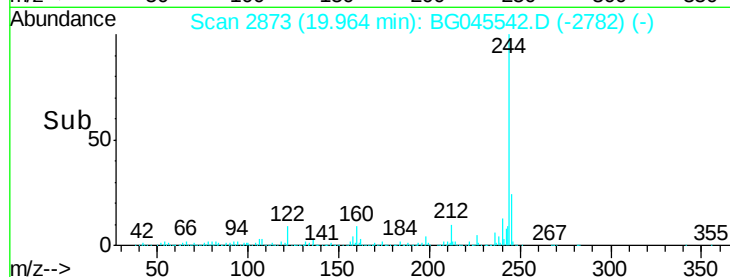
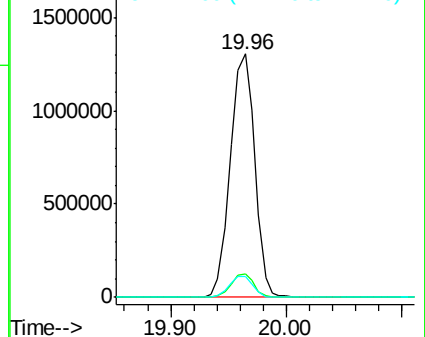
122 8.7 6.8 10.2



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: 49.628 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

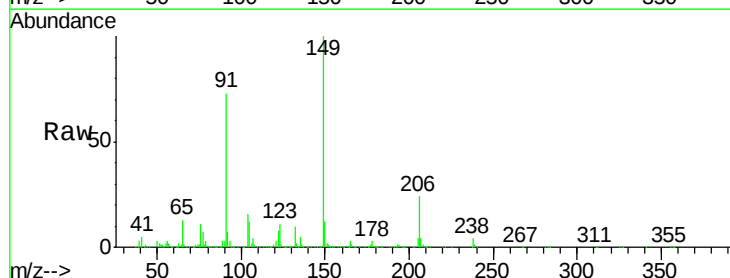
Tgt Ion:149 Resp: 520731

Ion Ratio Lower Upper

149 100

91 73.2 57.8 86.6

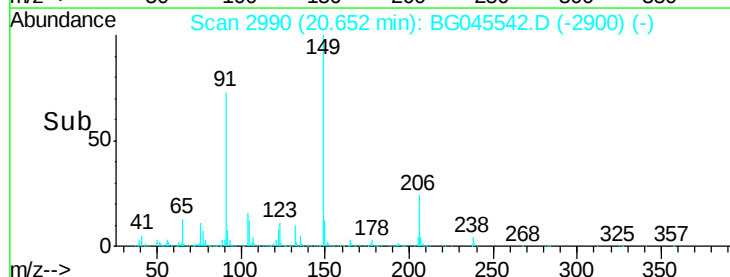
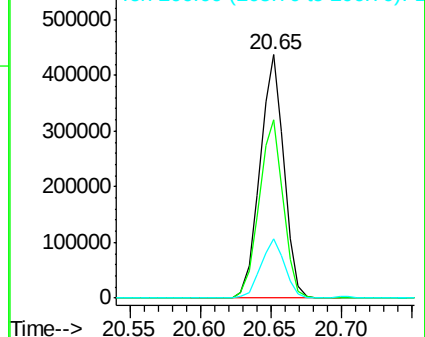
206 24.2 19.1 28.7

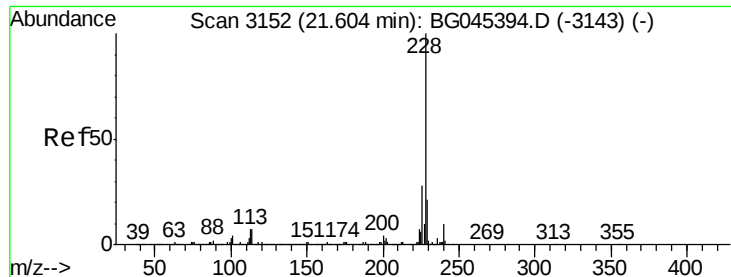


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.724 ng

RT: 21.59 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

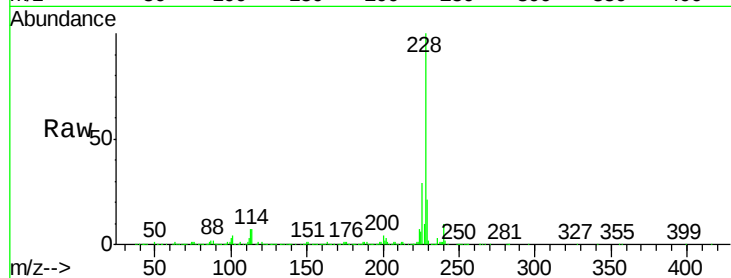
BNA_G

ClientSampleId :

SU-01-052720MSD

Tot Ion:228 Resp: 1228754

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.4	16.7	25.1

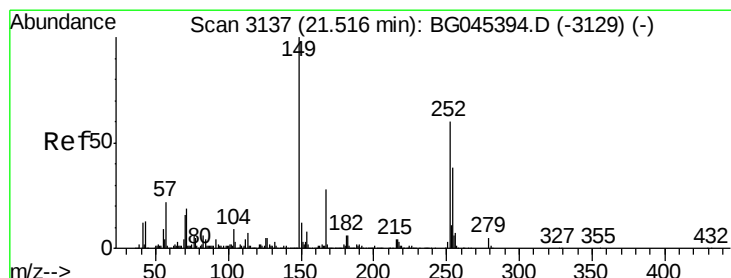
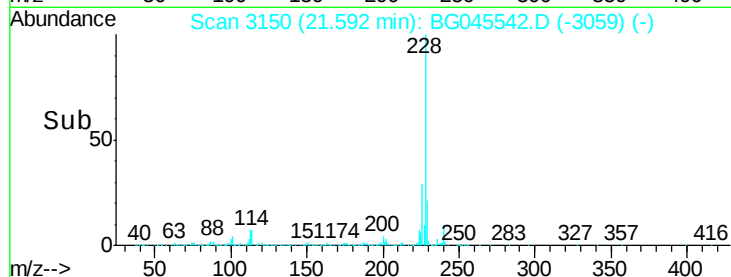
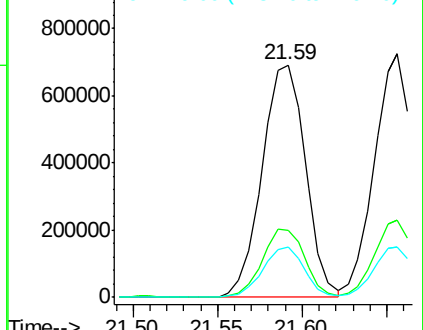


Abundance

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: 32.017 ng

RT: 21.50 min Scan# 3135

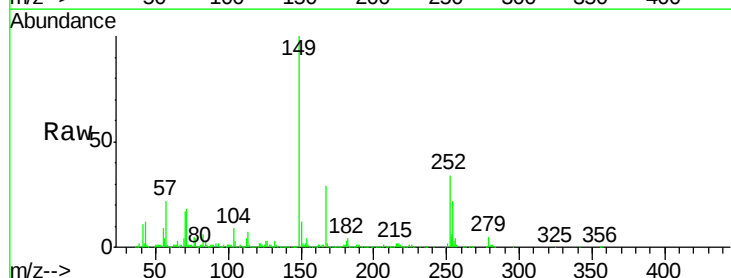
Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion:252 Resp: 298353

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.3	76.9
126	8.2	6.6	10.0

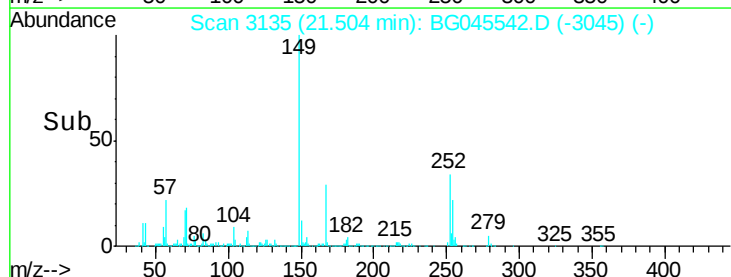
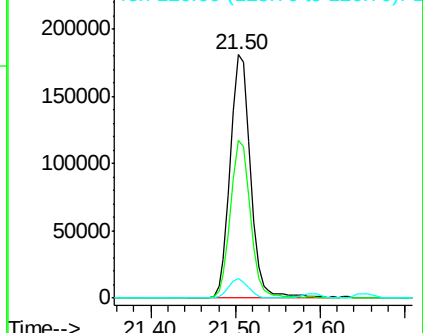


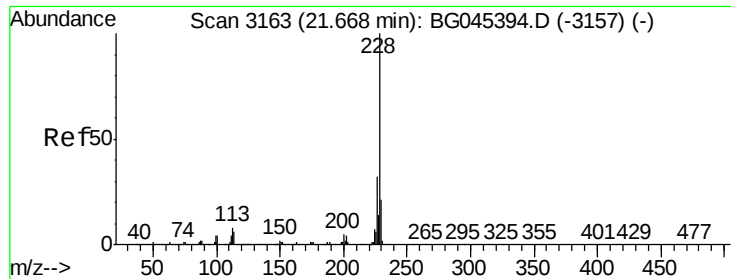
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 51.203 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

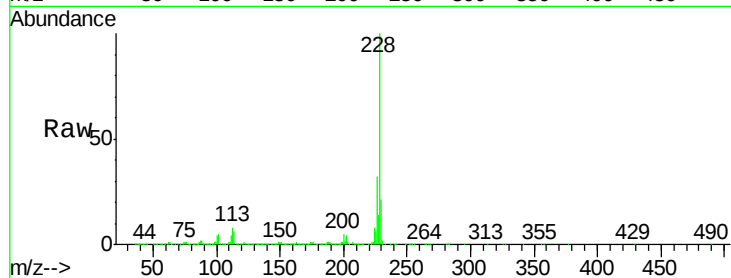
Tot Ion:228 Resp: 1169578

Ion Ratio Lower Upper

228 100

226 31.9 25.2 37.8

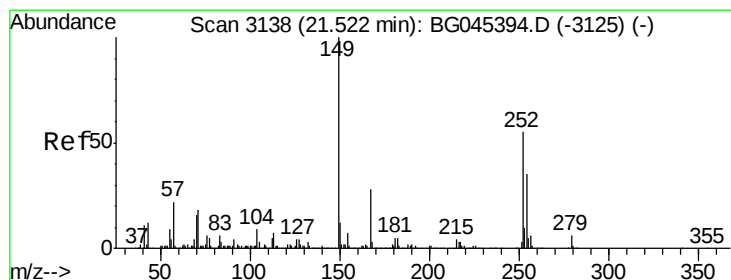
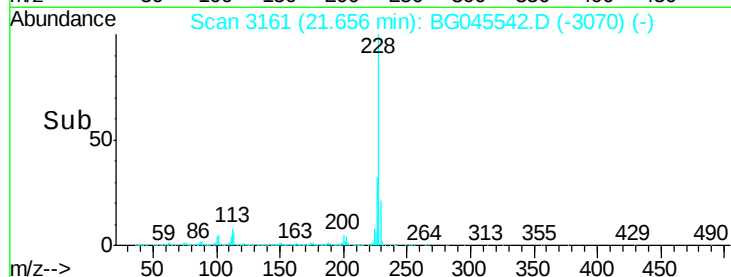
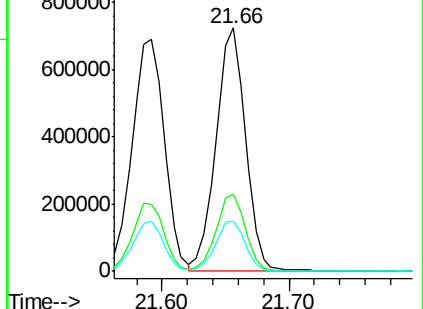
229 20.9 16.7 25.1



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: 50.697 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

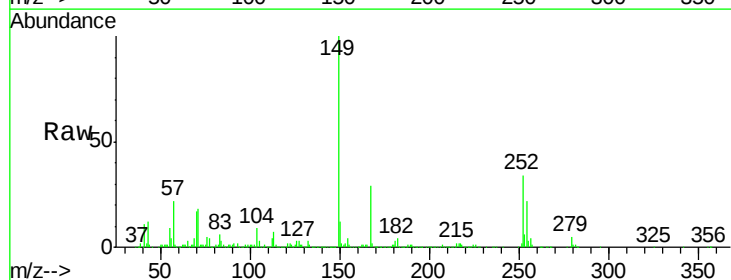
Tgt Ion:149 Resp: 731222

Ion Ratio Lower Upper

149 100

167 29.1 22.2 33.2

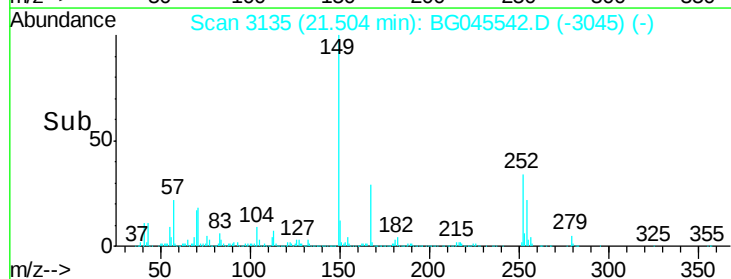
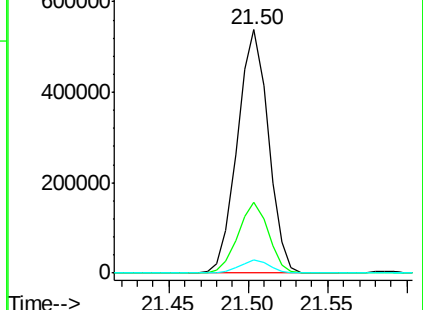
279 5.3 4.7 7.1

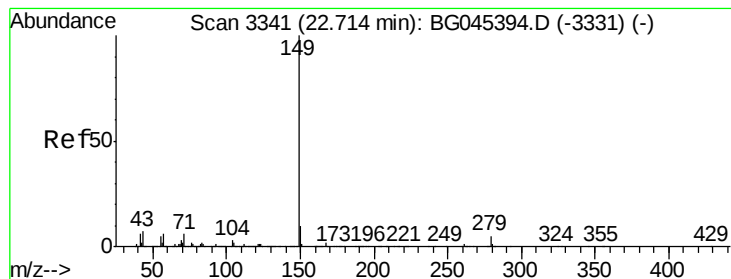


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.033 ng

RT: 22.69 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

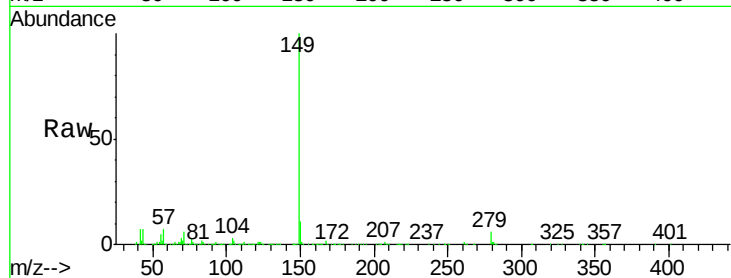
Tot Ion:149 Resp: 1239446

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

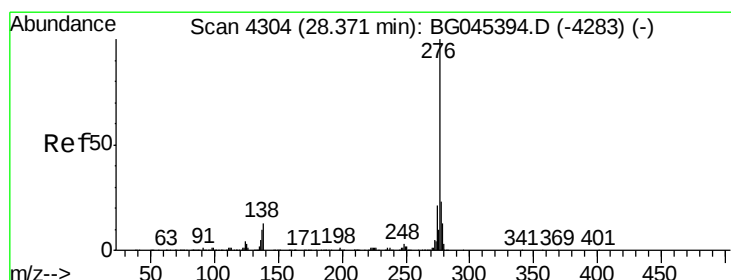
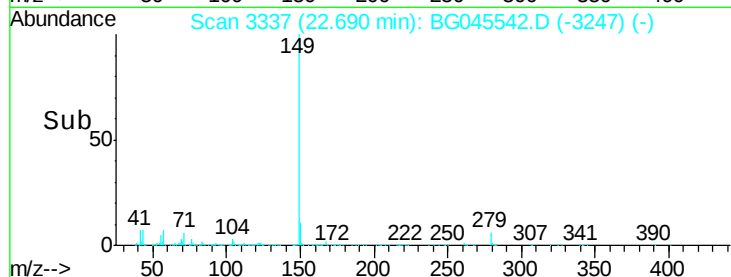
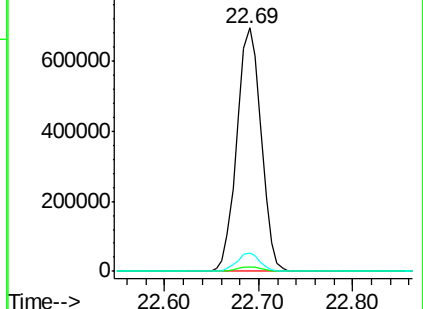
43 7.3 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.613 ng

RT: 28.34 min Scan# 4298

Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

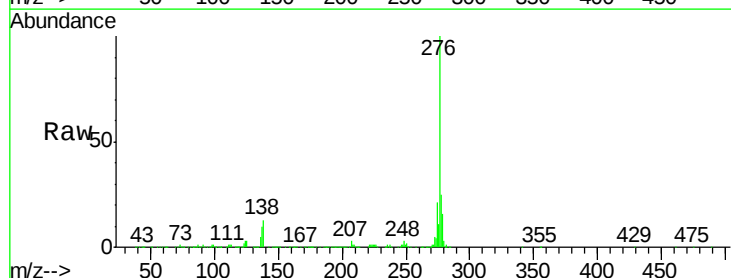
Tgt Ion:276 Resp: 1571562

Ion Ratio Lower Upper

276 100

138 9.5 8.6 12.8

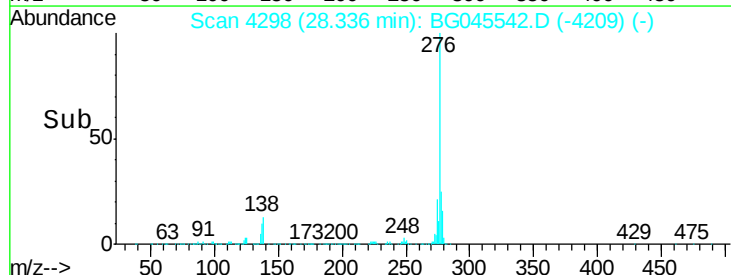
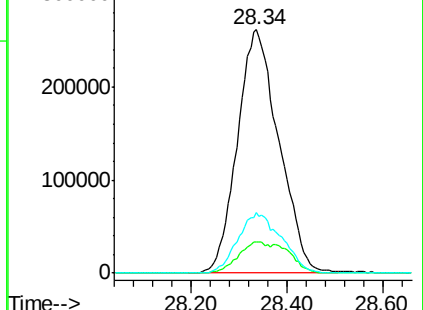
277 26.0 20.2 30.4

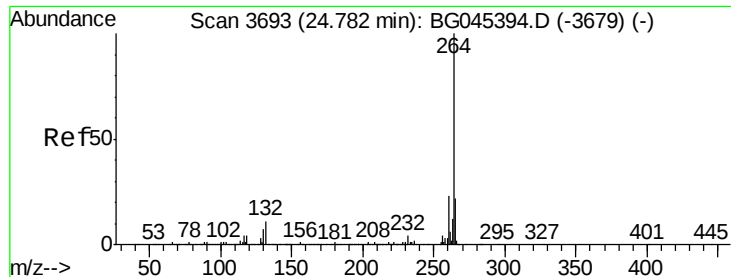


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



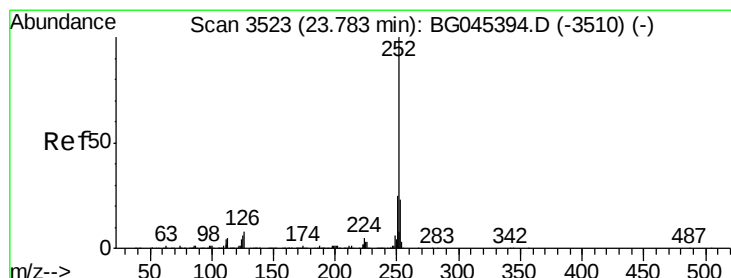
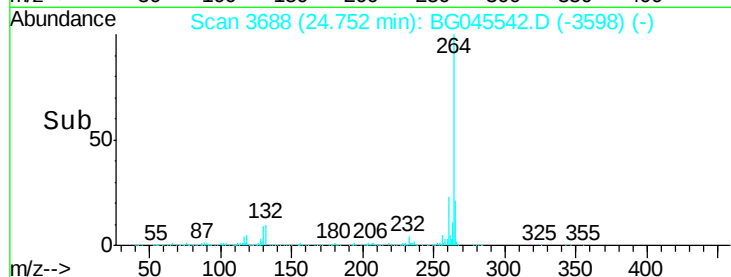
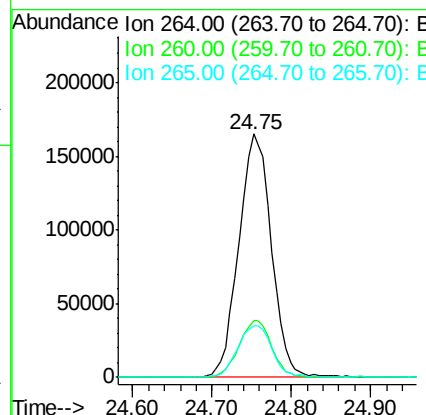
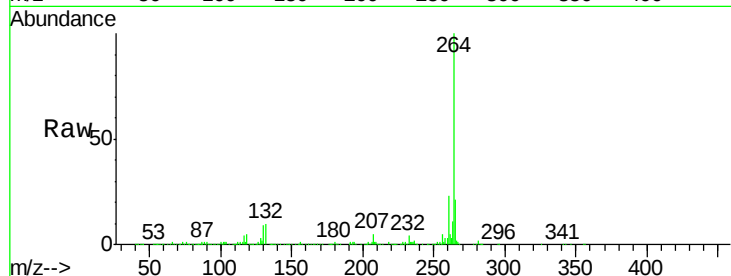


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tot Ion:264 Resp: 470400

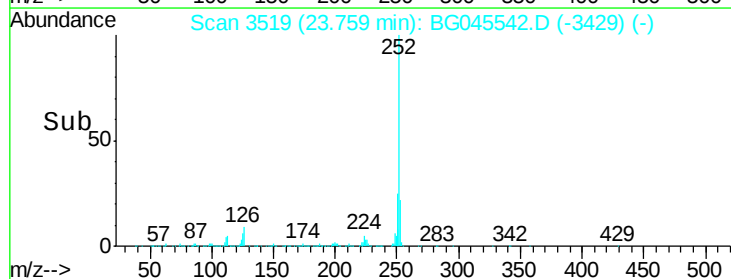
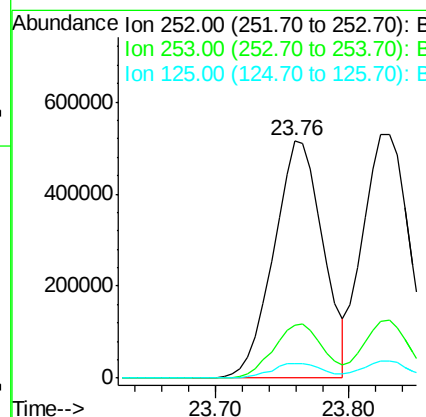
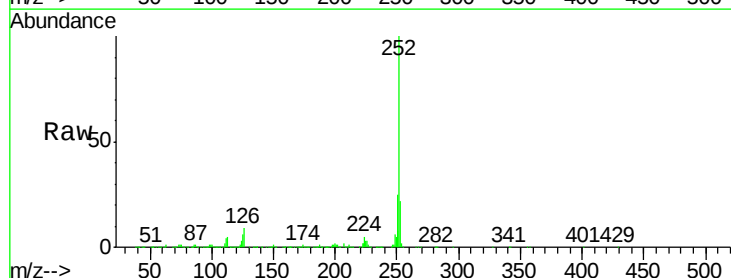
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.3	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 52.360 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion:252 Resp: 1320947

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	6.2	5.0	7.6

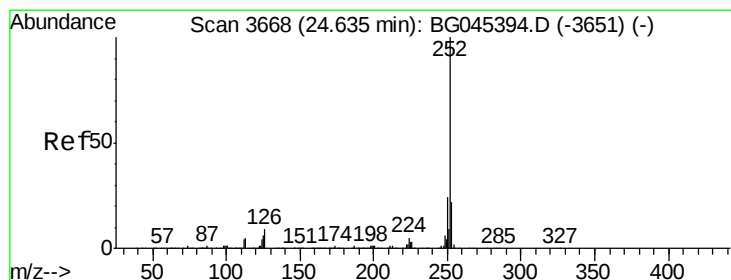
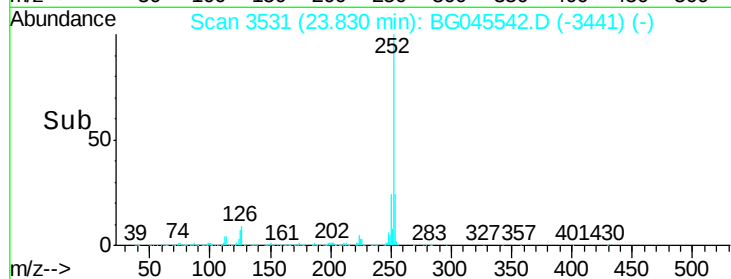
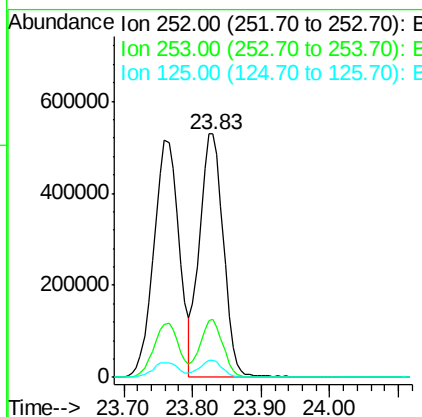
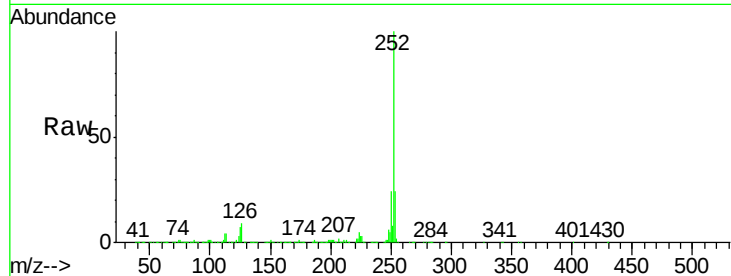




#89
Benzo(k)fluoranthene
Concen: 54.084 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

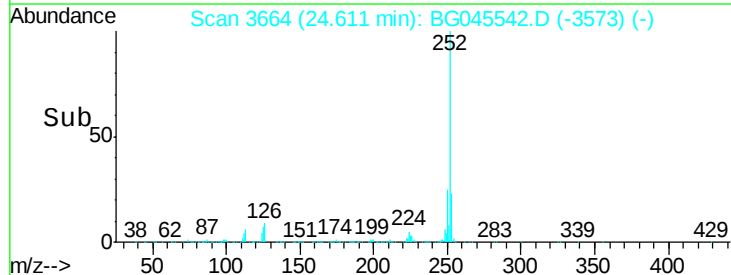
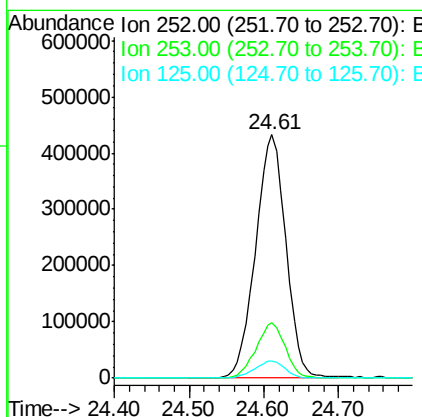
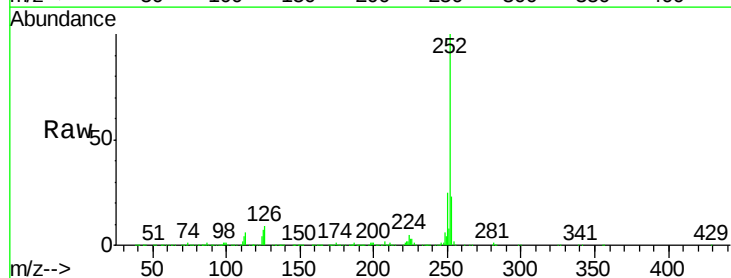
Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

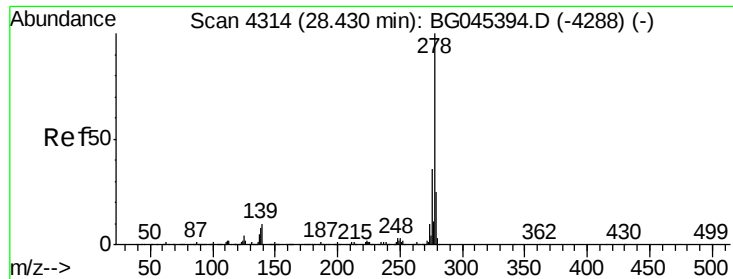
Tot Ion:252 Resp: 1281869
Ion Ratio Lower Upper
252 100
253 23.8 18.4 27.6
125 6.8 5.7 8.5



#90
Benzo(a)pyrene
Concen: 51.872 ng
RT: 24.61 min Scan# 3664
Delta R.T. 0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion:252 Resp: 1218754
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 7.0 5.0 7.6

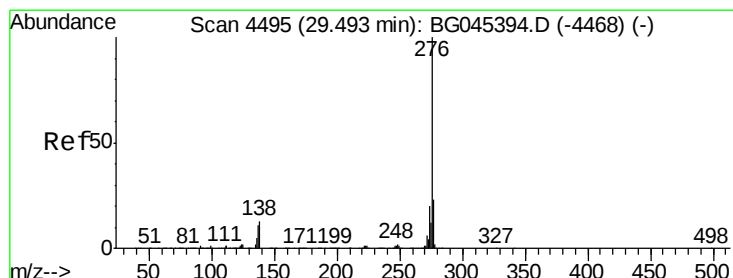
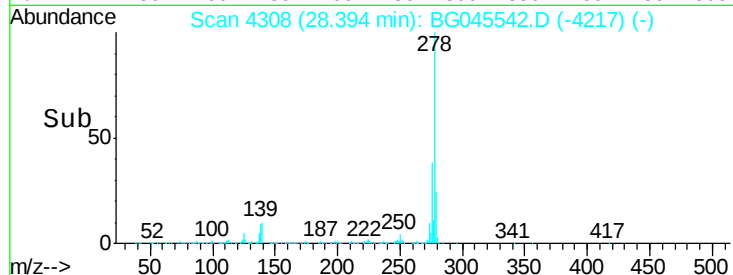
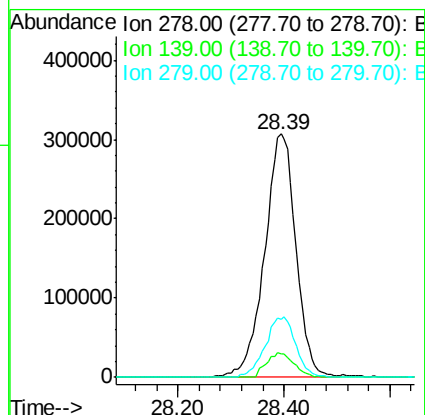
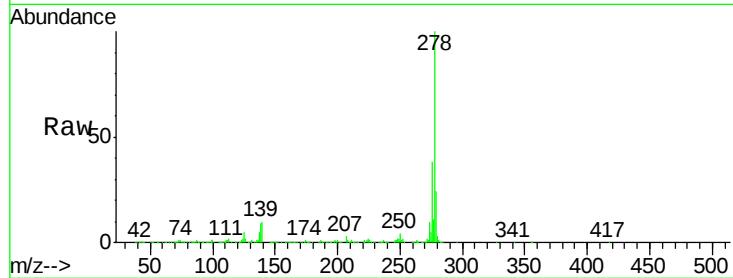




#91
Dibenzo(a,h)anthracene
Concen: 53.367 ng
RT: 28.39 min Scan# 4308
Delta R.T. 0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tot Ion:278 Resp: 1260027
Ion Ratio Lower Upper
278 100
139 9.6 7.8 11.8
279 24.0 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 55.221 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion:276 Resp: 1303975
Ion Ratio Lower Upper
276 100
277 24.9 18.1 27.1
138 13.1 10.2 15.4

