

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045652.D
 Acq On : 8 Jun 2020 21:36
 Operator : CG/JU
 Sample : L2814-13MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

Quant Time: Jun 09 00:50:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	64311	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	247723	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	171864	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	404959	20.00	ng	0.00
76) Chrysene-d12	21.60	240	375705	20.00	ng	0.00
87) Perylene-d12	24.75	264	404401	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	482108	146.50	ng	0.00
7) Phenol-d6	7.15	99	600124	128.13	ng	0.00
23) Nitrobenzene-d5	9.12	82	500830	110.25	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	352311	160.29	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1089908	107.57	ng	0.00
79) Terphenyl-d14	19.96	244	1765499	109.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	69868	42.815	ng	# 49
3) Pyridine	3.83	79	144577	31.812	ng	96
4) n-Nitrosodimethylamine	3.72	42	80495	54.126	ng	87
6) Aniline	7.28	93	197936	32.373	ng	98
8) 2-Chlorophenol	7.52	128	200290	55.502	ng	99
9) Benzaldehyde	7.08	77	104029	34.090	ng	95
10) Phenol	7.18	94	224091	46.422	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	188548	50.076	ng	96
12) 1,3-Dichlorobenzene	7.84	146	213598	49.254	ng	97
13) 1,4-Dichlorobenzene	7.98	146	214385	50.094	ng	97
14) 1,2-Dichlorobenzene	8.30	146	205415	49.904	ng	96
15) Benzyl Alcohol	8.20	79	214687	55.486	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	174656	48.868	ng	97
17) 2-Methylphenol	8.42	107	177034	48.997	ng	98
18) Hexachloroethane	9.03	117	81617	49.794	ng	90
19) n-Nitroso-di-n-propylamine	8.76	70	172259	53.185	ng	98
20) 3+4-Methylphenols	8.75	107	234599	47.681	ng	94
22) Acetophenone	8.77	105	312683	53.256	ng	# 97
24) Nitrobenzene	9.16	77	262091	53.850	ng	97
25) Isophorone	9.68	82	478218	53.454	ng	99
26) 2-Nitrophenol	9.87	139	114931	55.201	ng	92
27) 2,4-Dimethylphenol	9.94	122	185794	60.166	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	262672	55.985	ng	97
29) 2,4-Dichlorophenol	10.42	162	206799	56.710	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	226831	52.642	ng	98
31) Naphthalene	10.81	128	620850	53.782	ng	98
32) Benzoic acid	10.12	122	66017	34.893	ng	96
33) 4-Chloroaniline	10.92	127	68877	14.274	ng	97
34) Hexachlorobutadiene	11.10	225	160586	52.723	ng	99
35) Caprolactam	11.71	113	29934	22.364	ng	95
36) 4-Chloro-3-methylphenol	12.07	107	234225	57.002	ng	96
37) 2-Methylnaphthalene	12.42	142	465034	54.049	ng	96
38) 1-Methylnaphthalene	12.42	142	465034	57.217	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	268212	55.873	ng	99

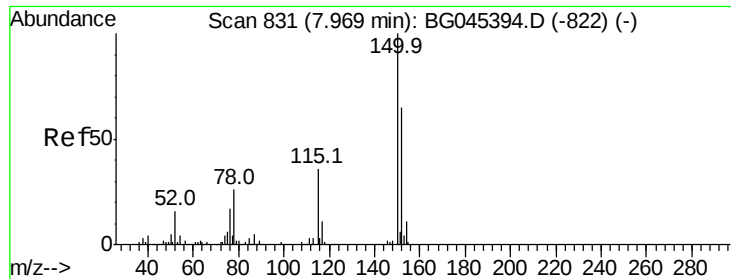
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
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Quant Time: Jun 09 00:50:54 2020
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 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	260495	94.017	nq	99
43) 2,4,6-Trichlorophenol	13.03	196	183051	54.893	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	194002	50.910	nq	98
46) 1,1'-Biphenyl	13.43	154	600808	56.893	nq	99
47) 2-Chloronaphthalene	13.47	162	456526	53.237	nq	99
48) 2-Nitroaniline	13.67	65	155610	55.165	nq	94
49) Acenaphthylene	14.31	152	748660	54.353	nq	99
50) Dimethylphthalate	14.06	163	759640	64.432	nq	98
51) 2,6-Dinitrotoluene	14.17	165	141766	53.288	nq	99
52) Acenaphthene	14.66	154	444359	48.194	nq	98
53) 3-Nitroaniline	14.51	138	79627	29.444	nq	92
54) 2,4-Dinitrophenol	14.71	184	148359	84.781	nq	99
55) Dibenzofuran	15.00	168	723831	52.865	nq	96
56) 4-Nitrophenol	14.85	139	160599	78.438	nq	87
57) 2,4-Dinitrotoluene	14.96	165	202346	52.518	nq	97
58) Fluorene	15.64	166	600617	53.394	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	182451	54.422	nq	97
60) Diethylphthalate	15.42	149	637177	51.925	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	336364	52.255	nq	98
62) 4-Nitroaniline	15.67	138	140402	49.730	nq	99
63) Azobenzene	15.93	77	609232	53.244	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	126577	53.669	nq	92
66) n-Nitrosodiphenylamine	15.85	169	535418	55.067	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	231113	52.705	nq	98
68) Hexachlorobenzene	16.66	284	253131	55.192	nq	98
69) Atrazine	16.81	200	205895	51.412	nq	99
70) Pentachlorophenol	17.00	266	239637	100.627	nq	97
71) Phenanthrene	17.39	178	948094	53.629	nq	100
72) Anthracene	17.47	178	972758	54.792	nq	98
73) Carbazole	17.75	167	898321	51.910	nq	99
74) Di-n-butylphthalate	18.31	149	1058057	50.939	nq	99
75) Fluoranthene	19.40	202	1160595	51.614	nq	99
77) Benzidine	19.58	184	223284	21.161	nq	100
78) Pyrene	19.75	202	1160784	54.200	nq	99
80) Butylbenzylphthalate	20.65	149	479509	51.872	nq	98
81) Benzo(a)anthracene	21.59	228	1140575	54.497	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	264368	32.202	nq	99
83) Chrysene	21.65	228	1083573	53.844	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	675370	53.148	nq	98
85) Di-n-octyl phthalate	22.68	149	1127178	51.646	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1411320	53.630	nq	# 97
88) Benzo(b)fluoranthene	23.75	252	1207773	55.687	nq	98
89) Benzo(k)fluoranthene	23.83	252	1136455	55.774	nq	99
90) Benzo(a)pyrene	24.60	252	1092342	54.079	nq	98
91) Dibenzo(a,h)anthracene	28.38	278	1153011	56.804	nq	98
92) Benzo(g,h,i)perylene	29.45	276	1171985	57.731	nq	97

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

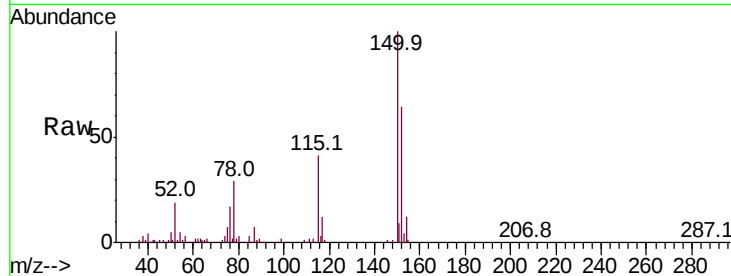


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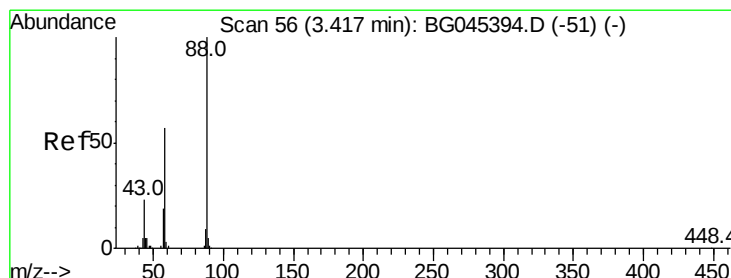
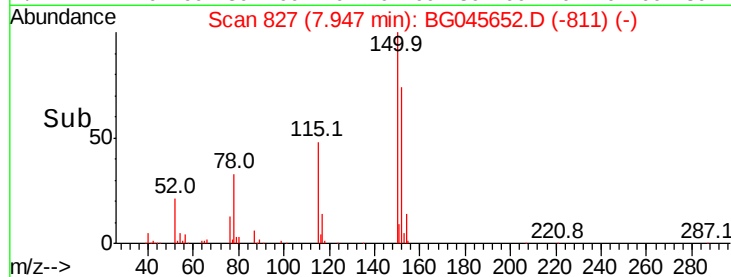
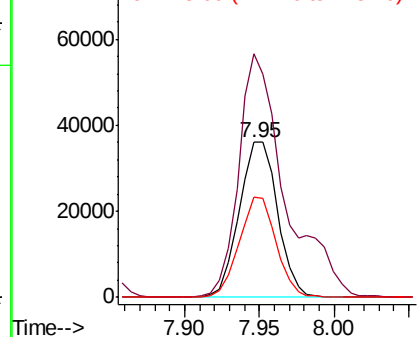
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion:152 Resp: 64311
Ion Ratio Lower Upper
152 100
150 156.9 122.4 183.6
115 64.8 44.2 66.4



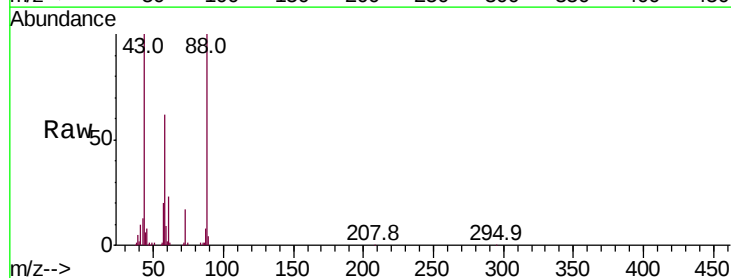
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



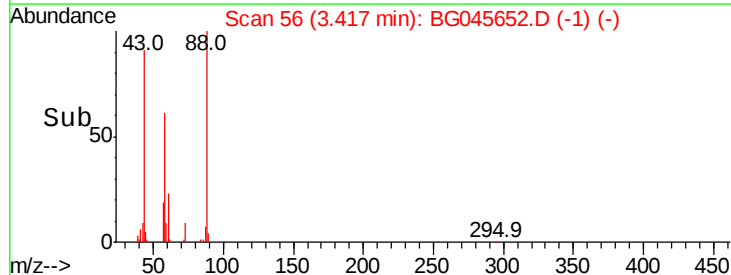
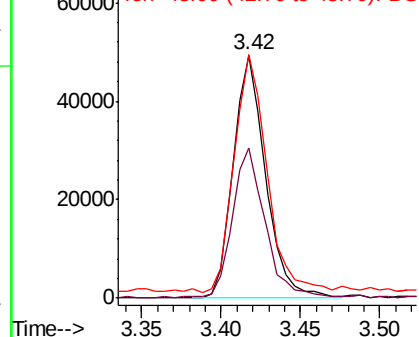
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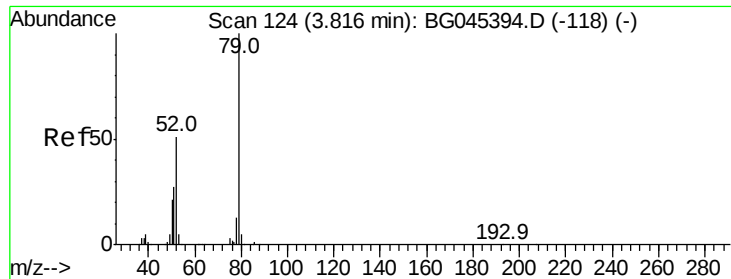
1,4-Dioxane
Concen: 42.815 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.02 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion: 88 Resp: 69868
Ion Ratio Lower Upper
88 100
58 63.3 45.7 68.5
43 98.2 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: 31.812 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.02 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

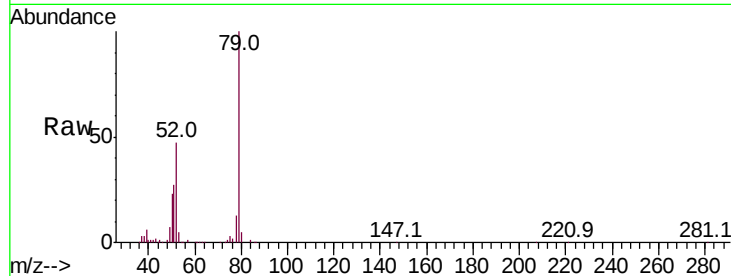
Tot Ion: 79 Resp: 144577

Ion Ratio Lower Upper

79 100

52 46.8 40.8 61.2

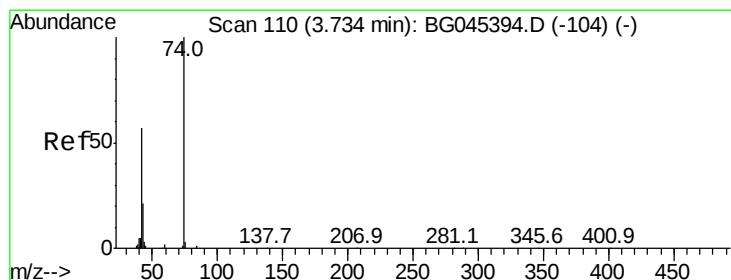
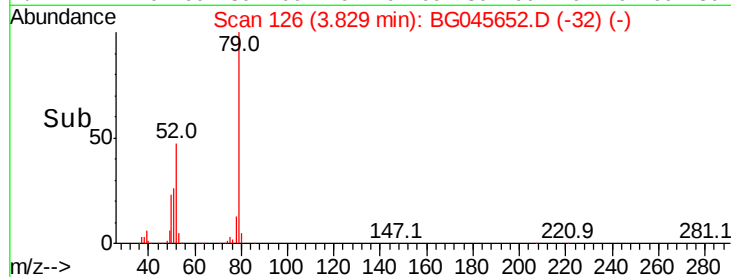
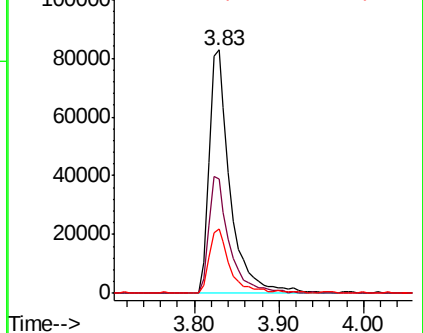
51 26.7 21.9 32.9



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: 54.126 ng

RT: 3.72 min Scan# 108

Delta R.T. 0.01 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

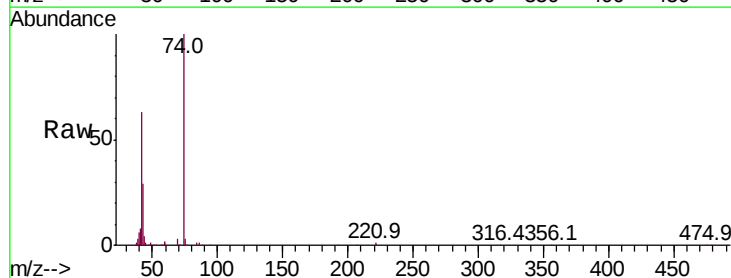
Tgt Ion: 42 Resp: 80495

Ion Ratio Lower Upper

42 100

74 158.4 141.3 211.9

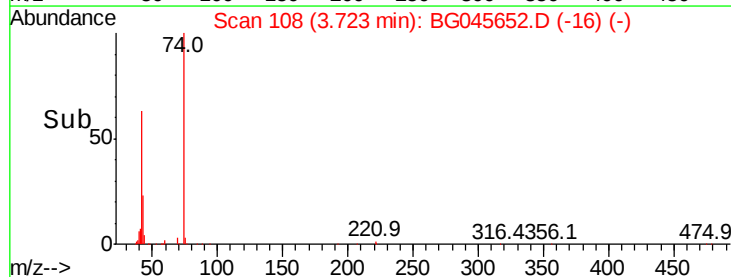
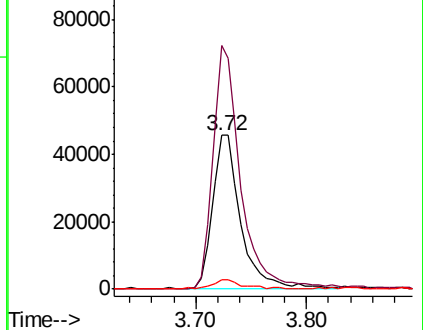
44 6.2 4.2 6.4

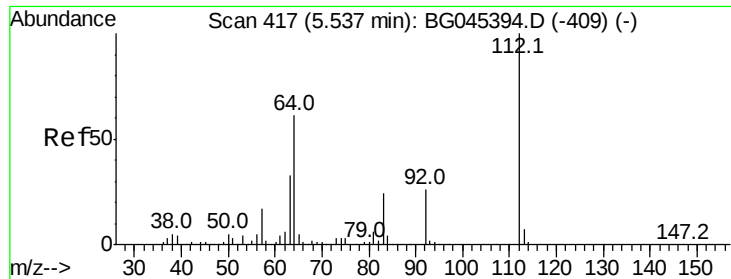


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 146.504 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

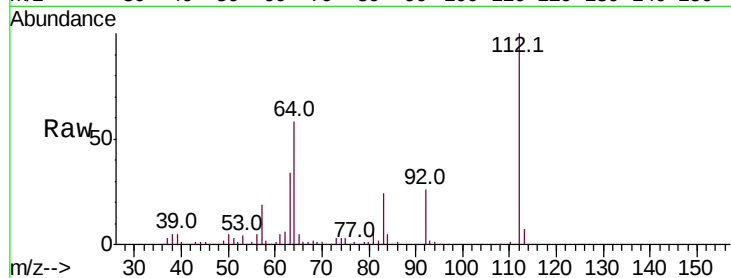
Tot Ion:112 Resp: 482108

Ion Ratio Lower Upper

112 100

64 57.9 48.6 72.8

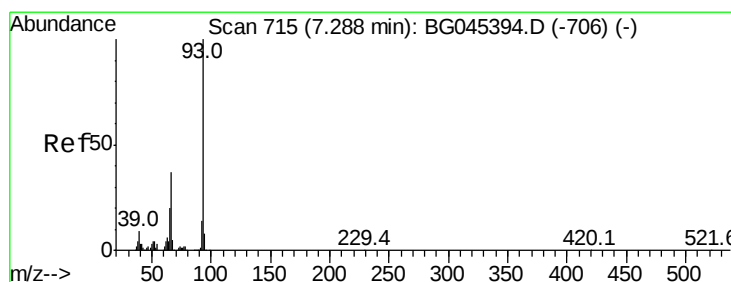
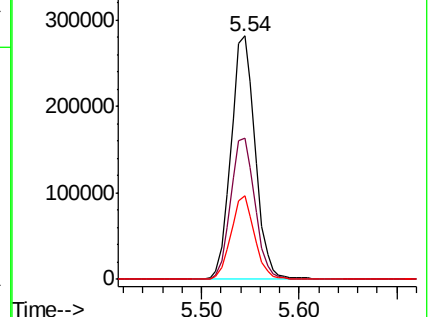
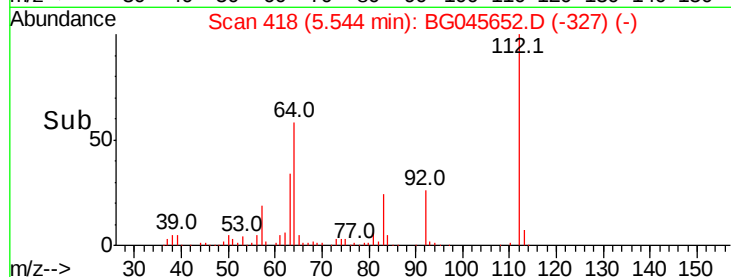
63 34.1 26.5 39.7



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: 32.373 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

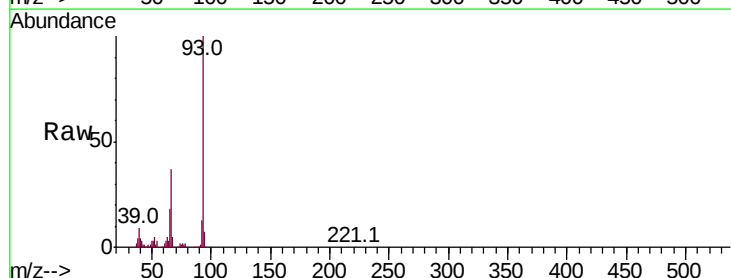
Tgt Ion: 93 Resp: 197936

Ion Ratio Lower Upper

93 100

66 37.3 29.6 44.4

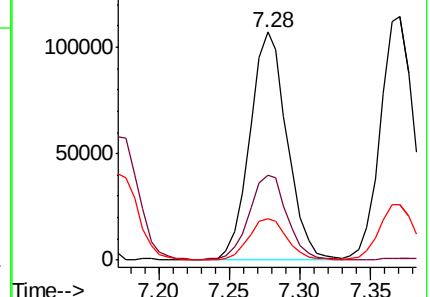
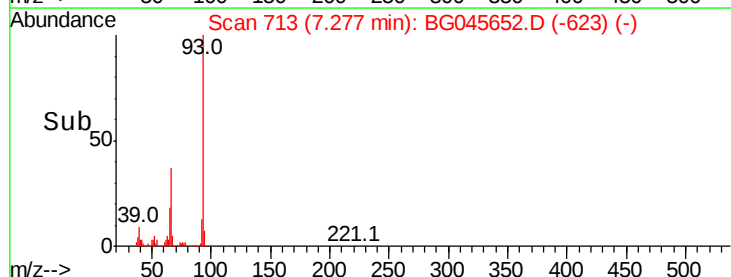
65 18.1 15.9 23.9

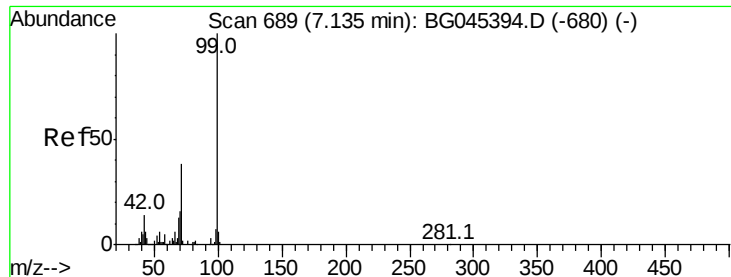


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.130 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

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PL-01-060320MSD

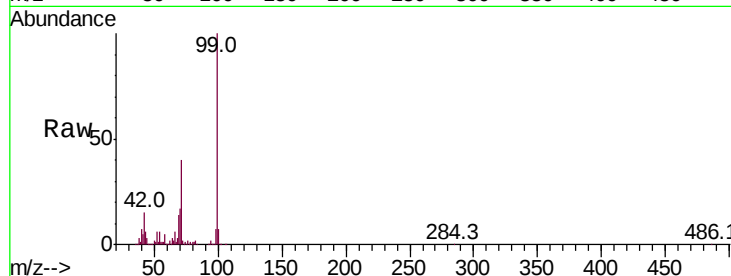
Tot Ion: 99 Resp: 600124

Ion Ratio Lower Upper

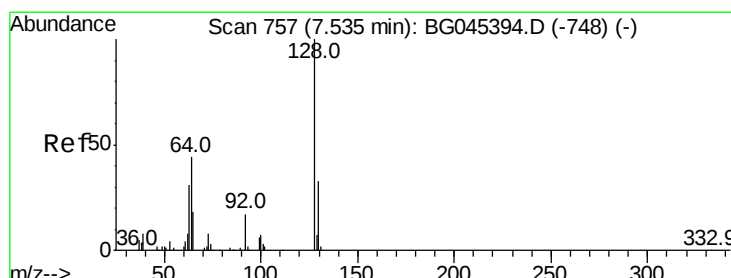
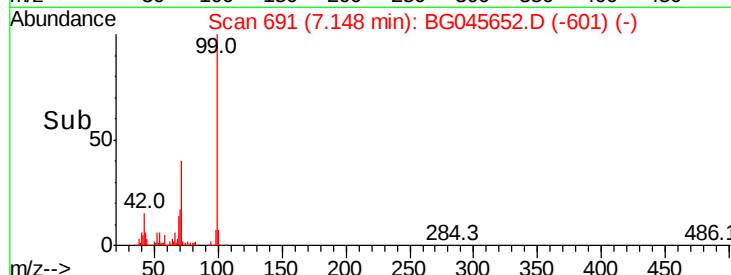
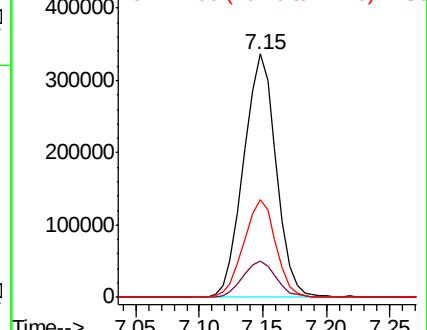
99 100

42 14.9 11.3 16.9

71 40.3 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: 55.502 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

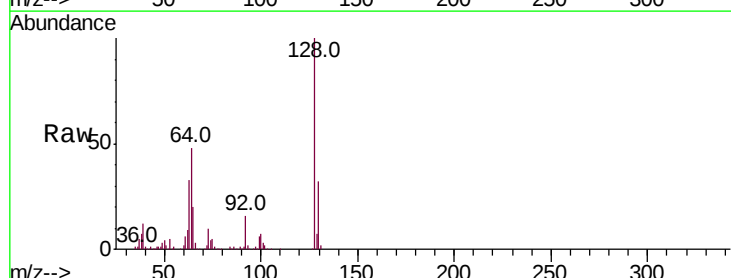
Tgt Ion: 128 Resp: 200290

Ion Ratio Lower Upper

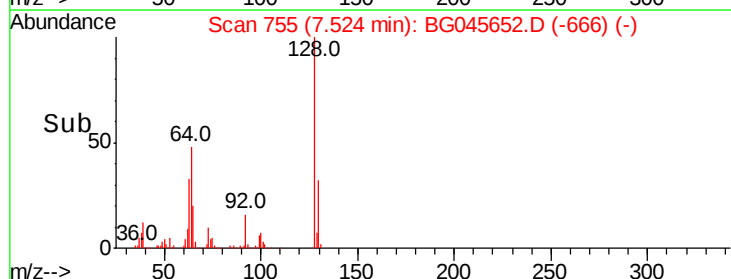
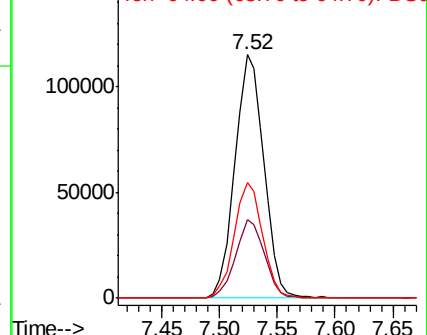
128 100

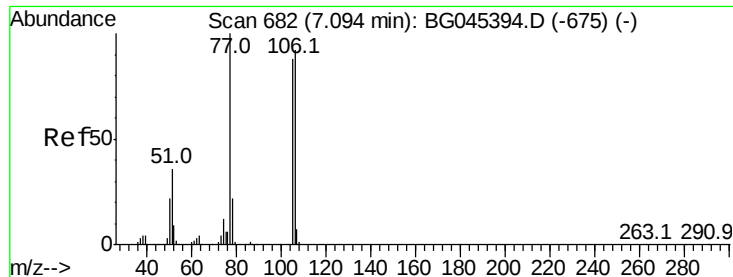
130 32.1 12.6 52.6

64 47.7 27.0 67.0



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





#9

Benzaldehyde

Concen: 34.090 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

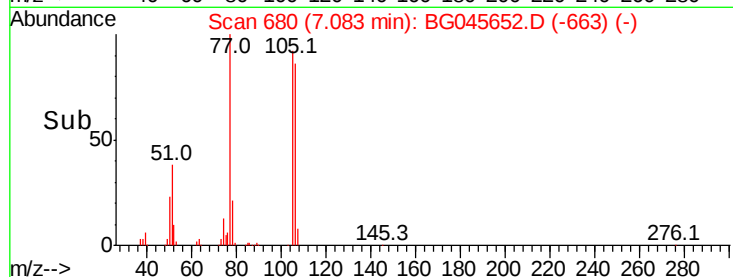
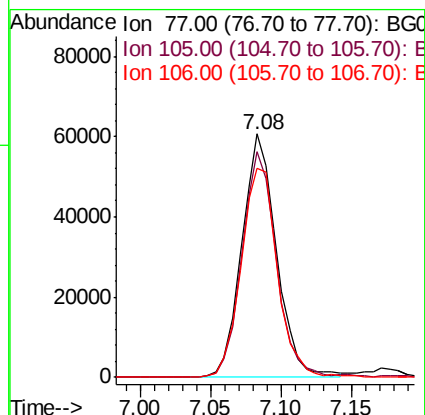
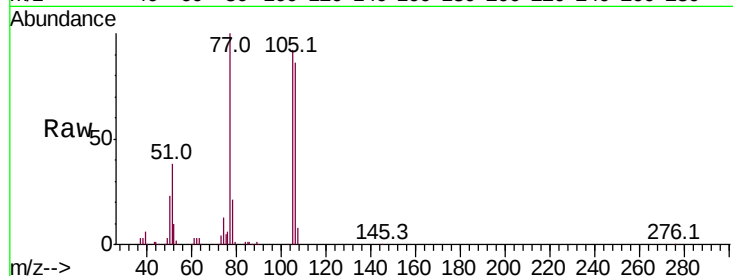
Tot Ion: 77 Resp: 104029

Ion Ratio Lower Upper

77 100

105 92.5 68.5 108.5

106 85.9 71.6 111.6



#10

Phenol

Concen: 46.422 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

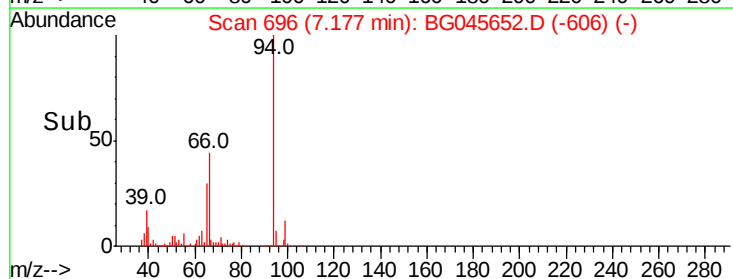
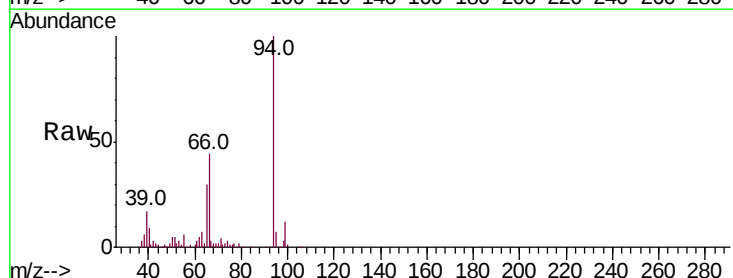
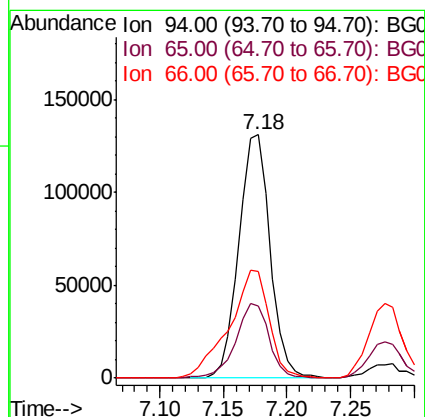
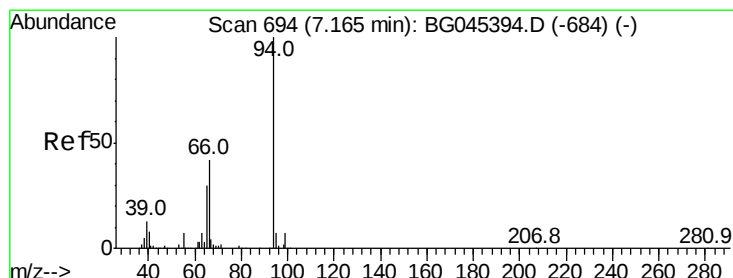
Tgt Ion: 94 Resp: 224091

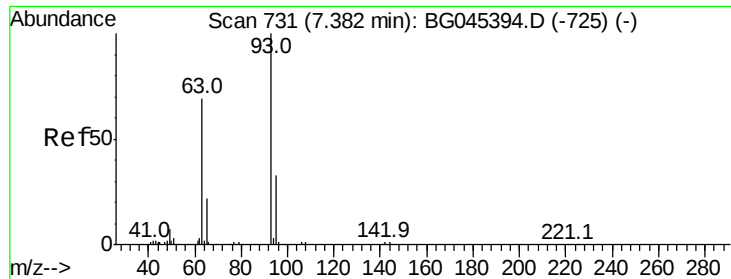
Ion Ratio Lower Upper

94 100

65 29.7 9.8 49.8

66 43.6 22.0 62.0

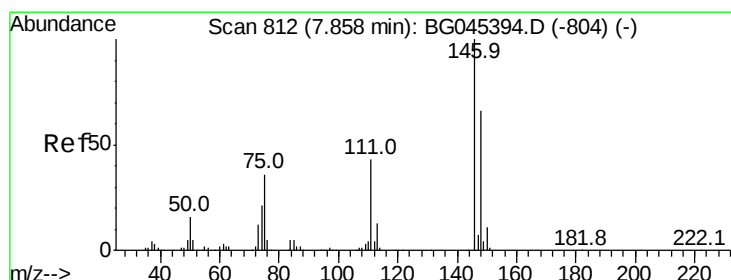
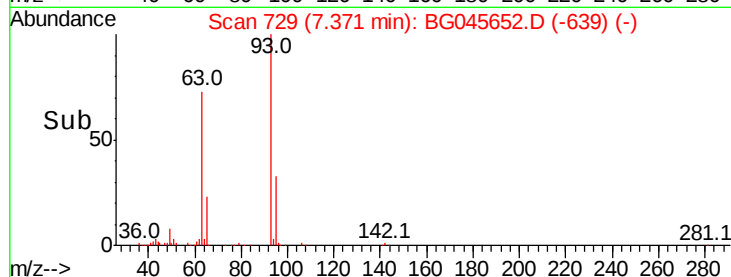
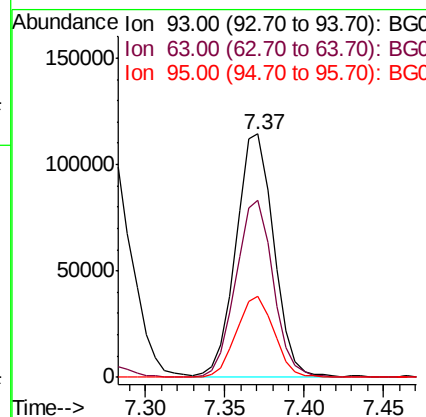
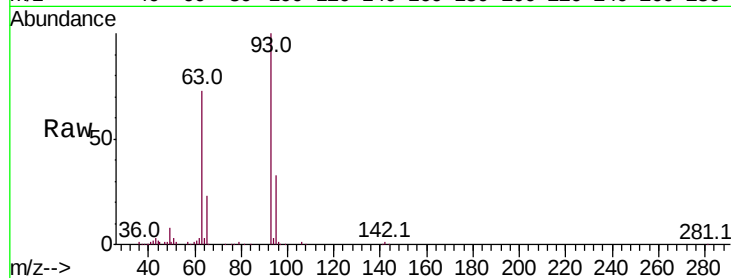




#11
bis(2-Chloroethyl)ether
Concen: 50.076 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

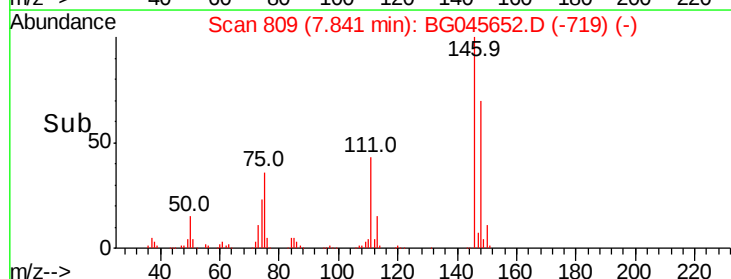
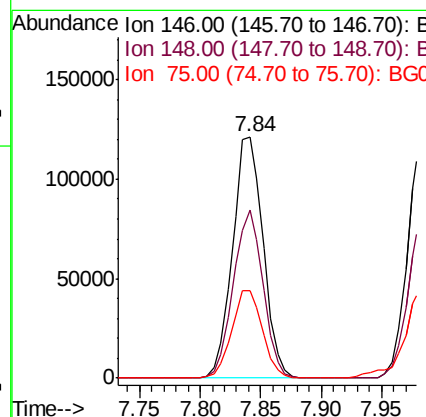
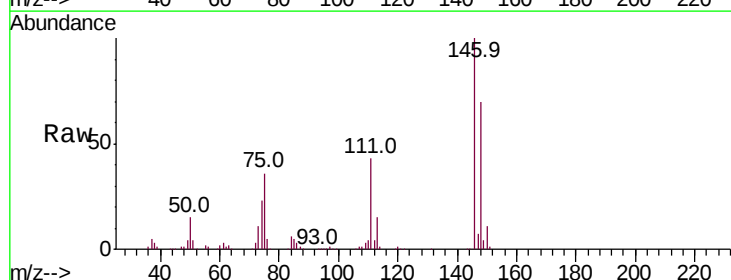
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

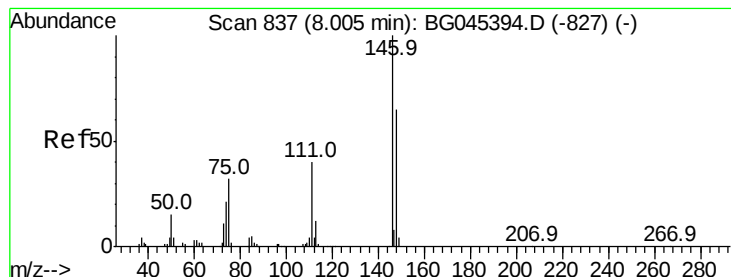
Tot Ion: 93 Resp: 188548
Ion Ratio Lower Upper
93 100
63 72.5 48.4 88.4
95 33.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 49.254 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion: 146 Resp: 213598
Ion Ratio Lower Upper
146 100
148 69.6 53.2 79.8
75 36.4 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 50.094 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

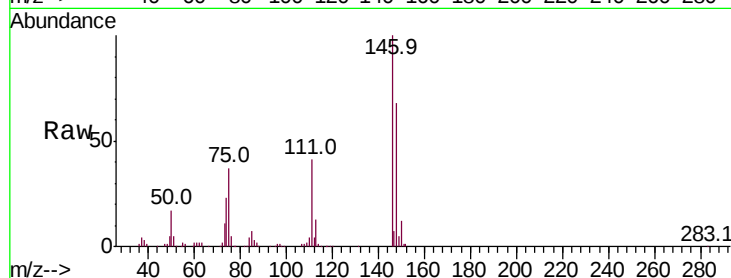
Tot Ion:146 Resp: 214385

Ion Ratio Lower Upper

146 100

148 67.6 51.8 77.8

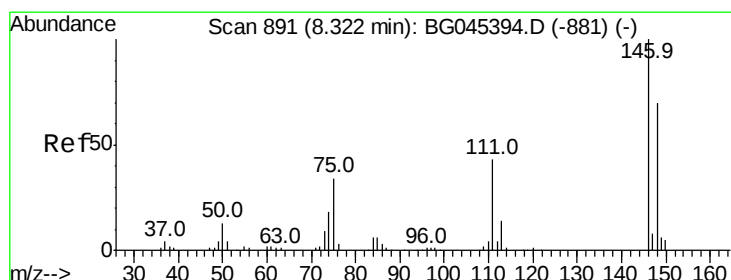
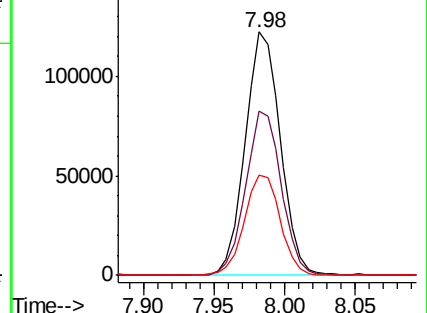
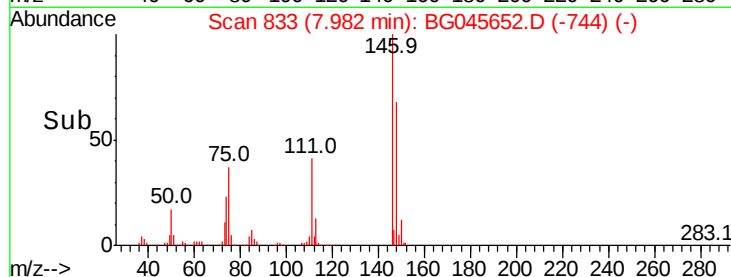
111 41.0 32.1 48.1



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: 49.904 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

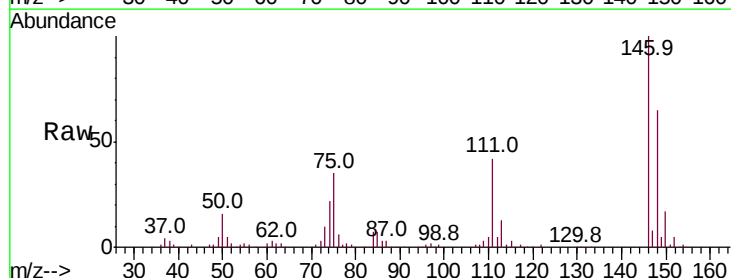
Tgt Ion:146 Resp: 205415

Ion Ratio Lower Upper

146 100

148 65.1 55.9 83.9

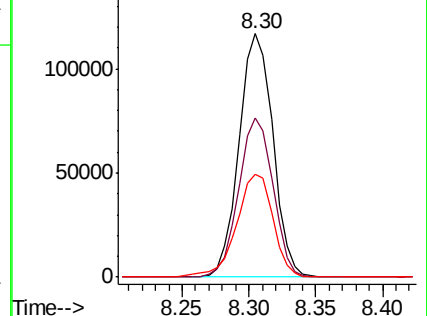
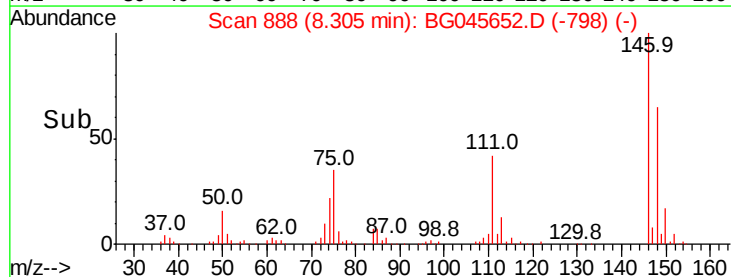
111 42.2 35.0 52.4

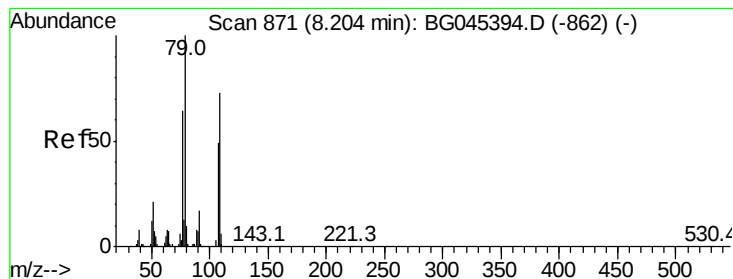


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.486 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

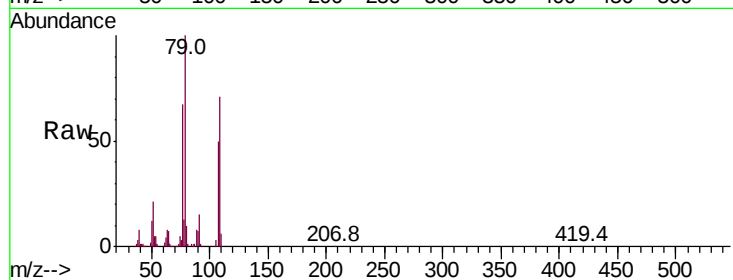
Tot Ion: 79 Resp: 214687

Ion Ratio Lower Upper

79 100

108 70.8 58.2 87.4

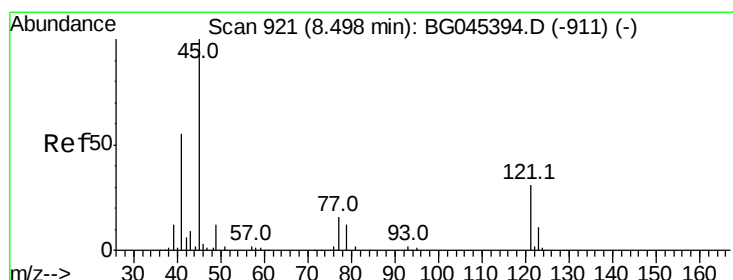
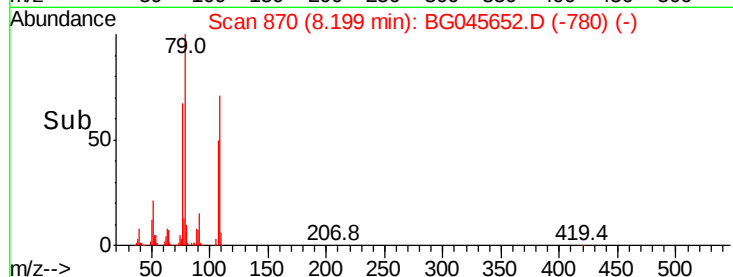
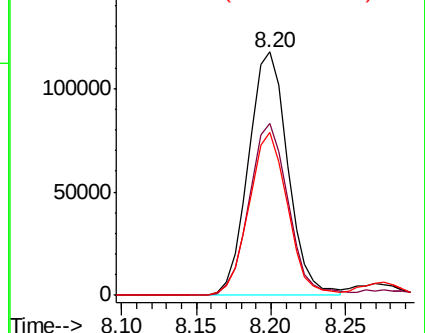
77 67.0 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.868 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

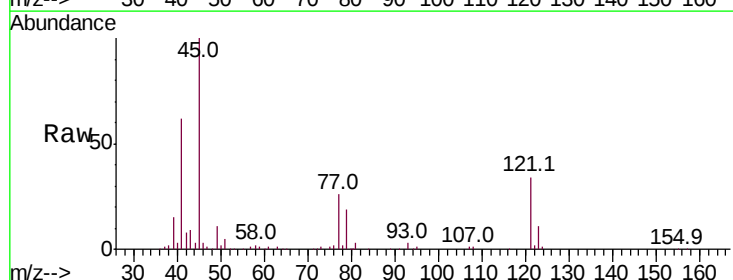
Tgt Ion: 45 Resp: 174656

Ion Ratio Lower Upper

45 100

77 26.4 4.0 44.0

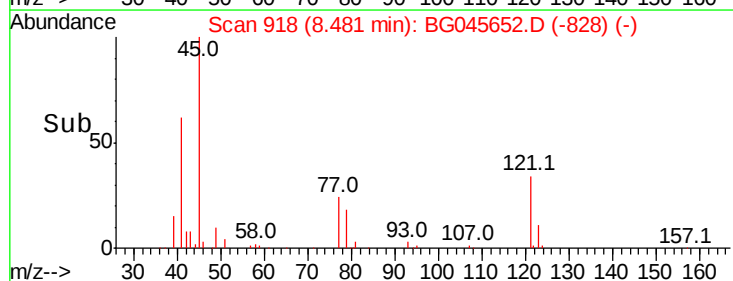
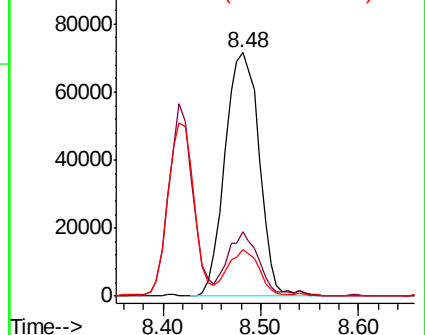
79 19.1 0.0 38.6

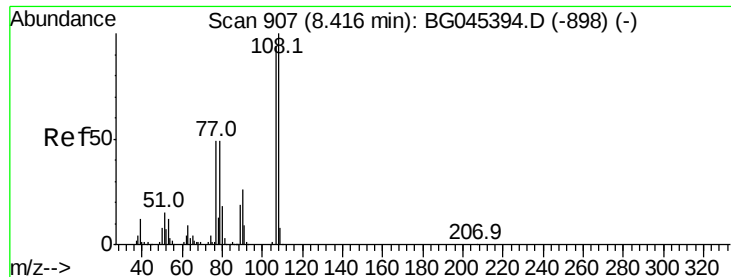


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 48.997 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

Tot Ion:107 Resp: 177034

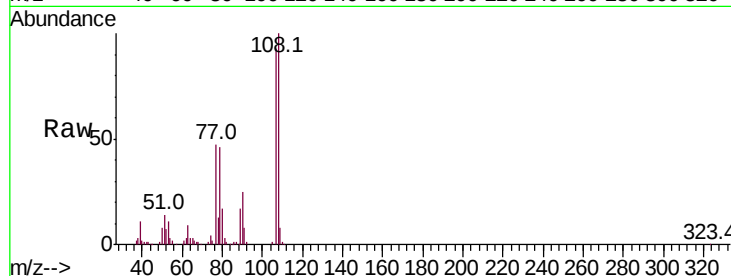
Ion Ratio Lower Upper

107 100

108 108.0 85.2 127.8

77 50.7 41.6 62.4

79 49.4 41.8 62.8

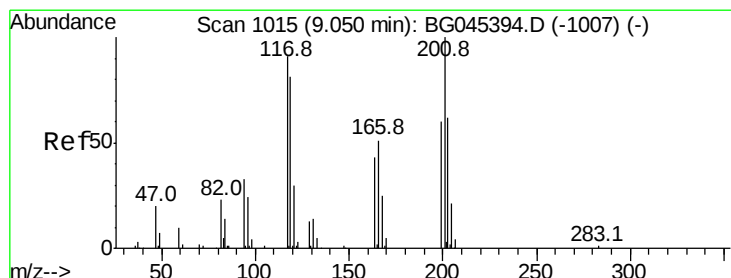
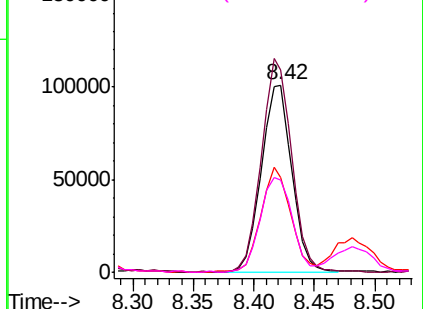
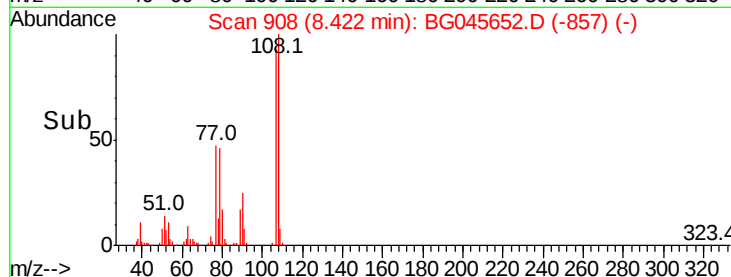


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 49.794 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

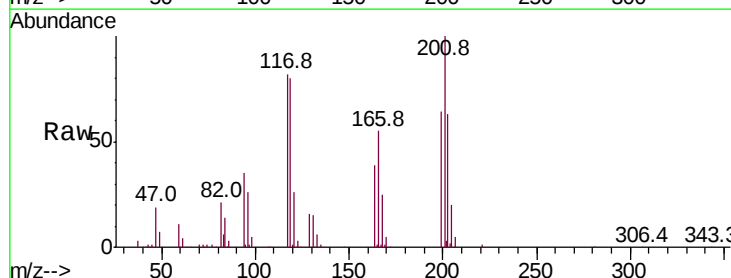
Tgt Ion:117 Resp: 81617

Ion Ratio Lower Upper

117 100

119 97.6 71.3 106.9

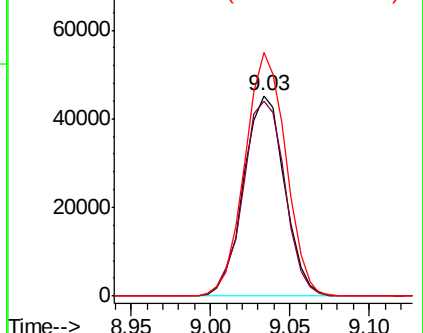
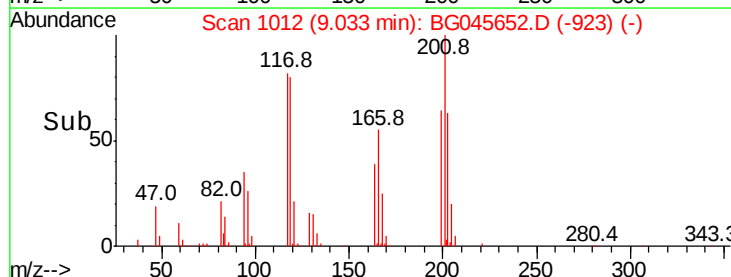
201 121.5 87.5 131.3

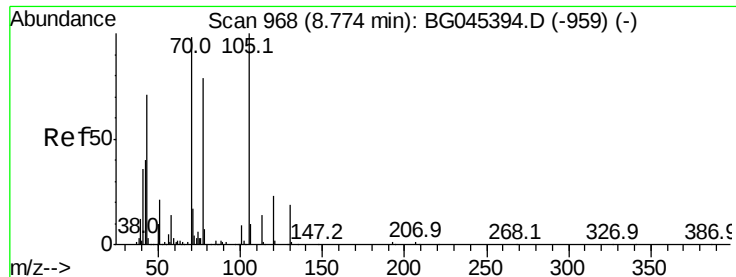


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

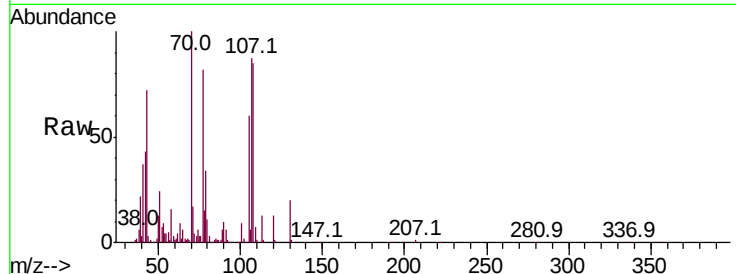




#19
n-Nitroso-di-n-propylamine
Concen: 53.185 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion:	70	Resp:	172259
Ion	Ratio	Lower	Upper
70	100		
42	42.7	33.2	49.8
101	8.8	7.8	11.6
130	20.4	15.4	23.2



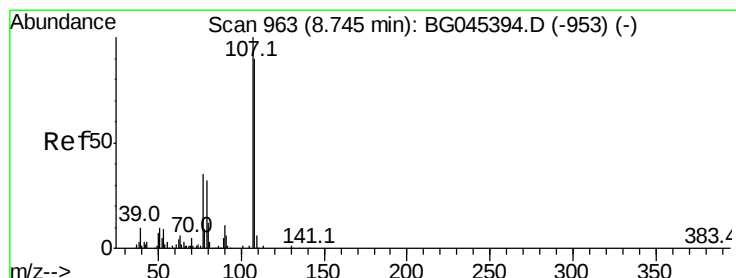
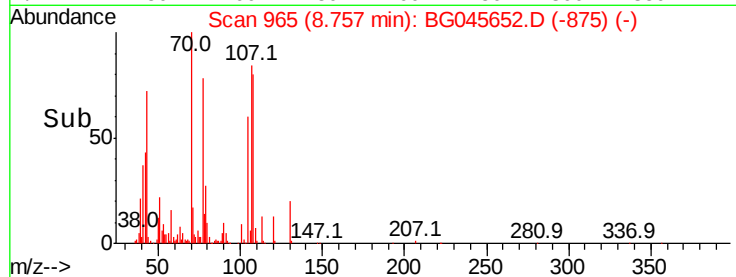
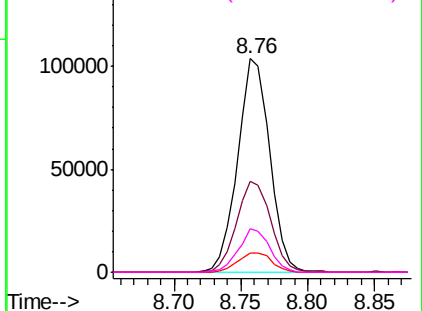
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

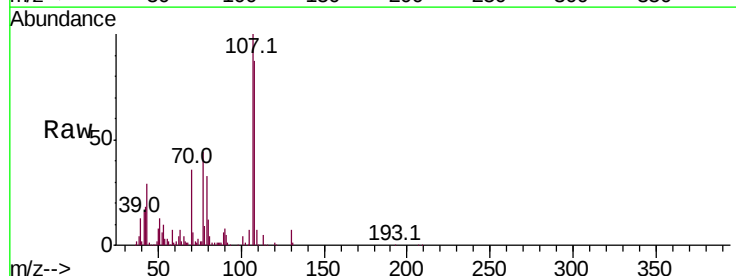
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 47.681 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion:	107	Resp:	234599
Ion	Ratio	Lower	Upper
107	100		
108	86.8	70.3	110.3
77	44.2	15.4	55.4
79	33.1	12.6	52.6



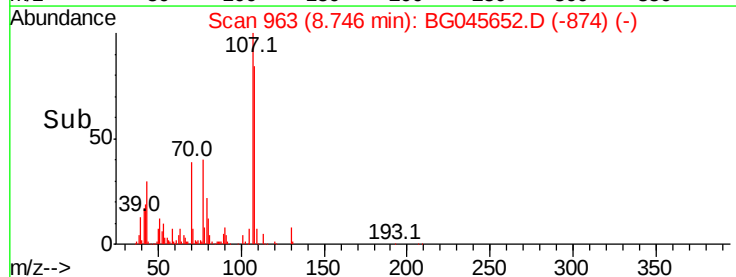
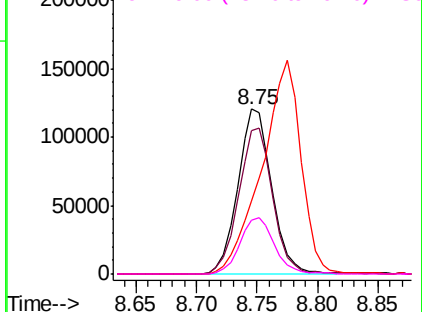
Abundance

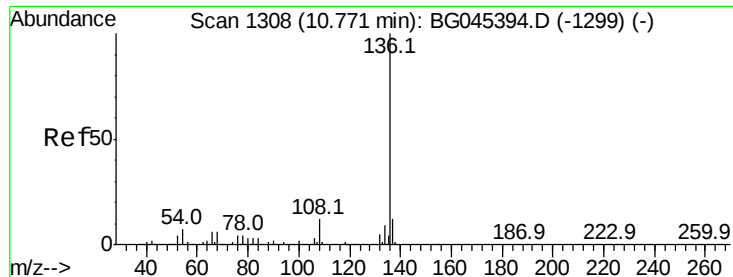
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

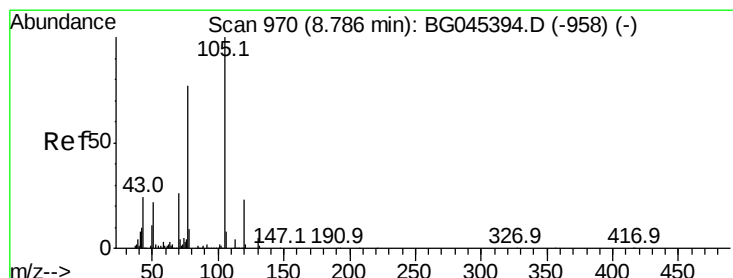
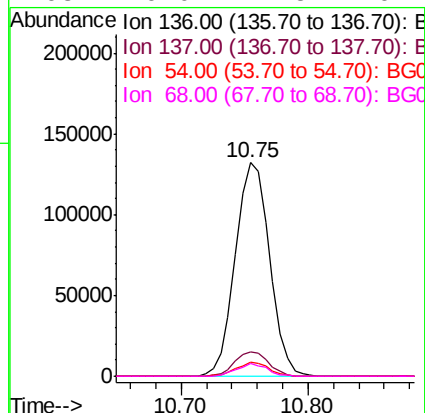
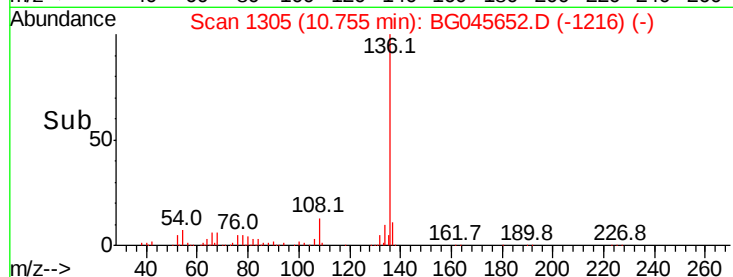
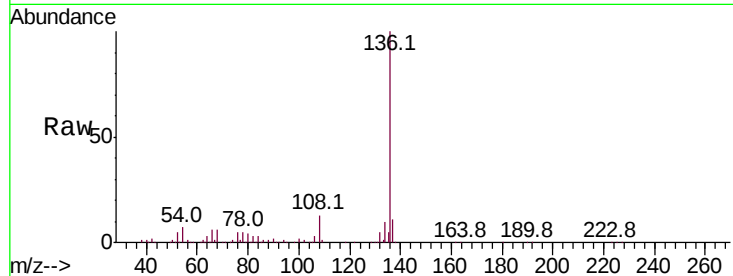




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

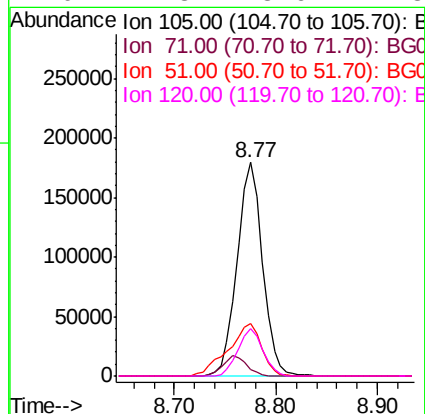
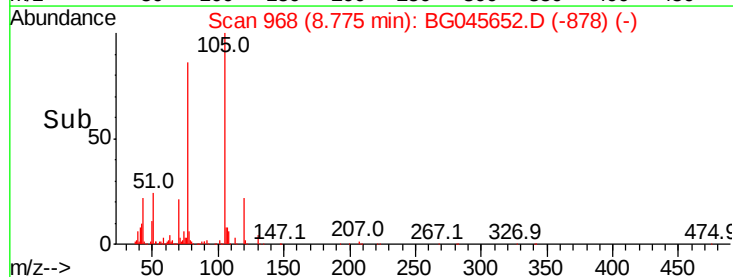
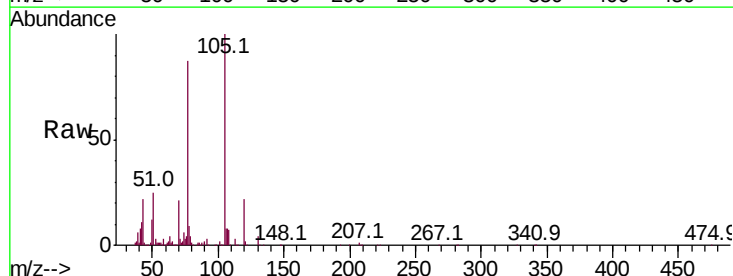
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

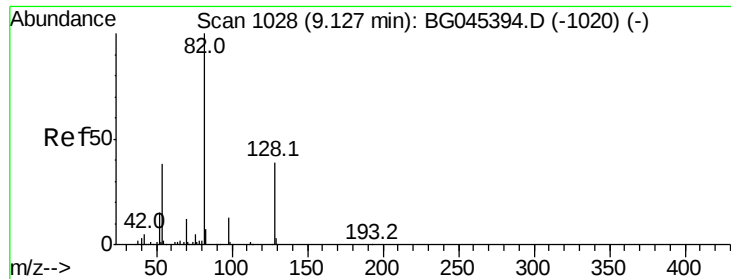
Tot Ion:136	Resp: 247723
Ion Ratio	Lower Upper
136 100	
137 11.4	9.4 14.2
54 6.6	5.8 8.6
68 6.0	4.5 6.7



#22
Acetophenone
Concen: 53.256 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt	Ion:105	Resp:	312683
Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.4	5.0#
51	24.5	18.2	27.2
120	22.3	18.6	27.8

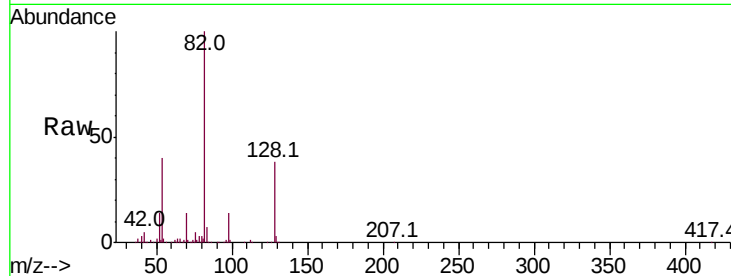




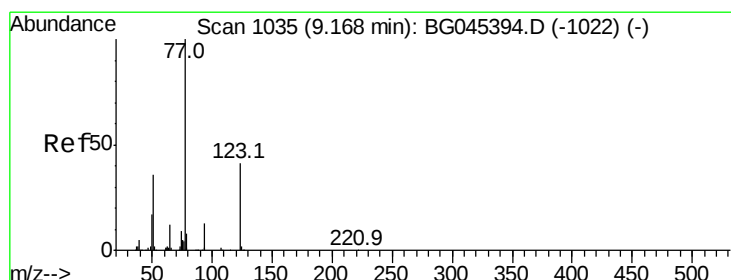
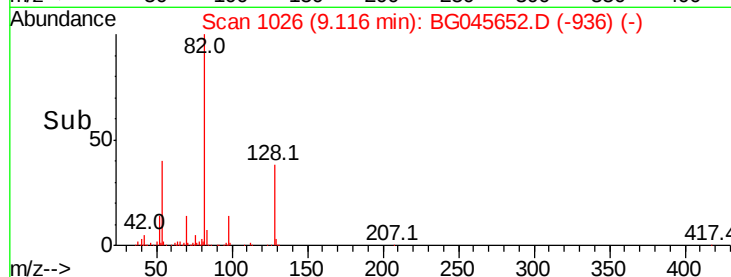
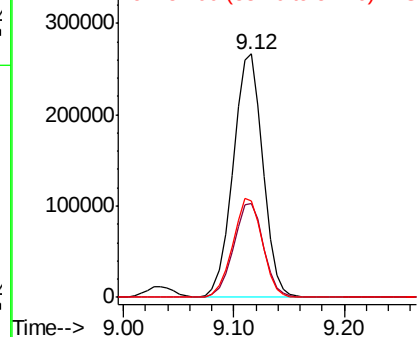
#23
 Nitrobenzene-d5
 Concen: 110.248 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

Tot Ion	82	Resp	500830
Ion Ratio	Lower	Upper	
82	100		
128	38.4	30.9	46.3
54	39.8	30.3	45.5

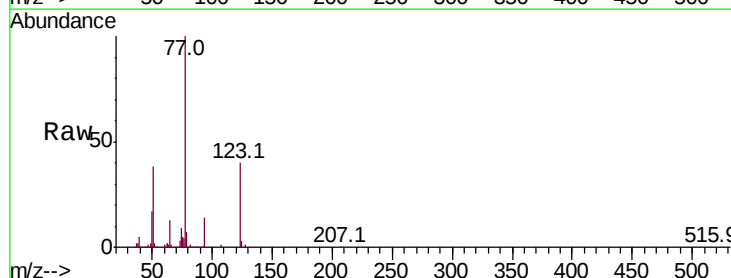


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

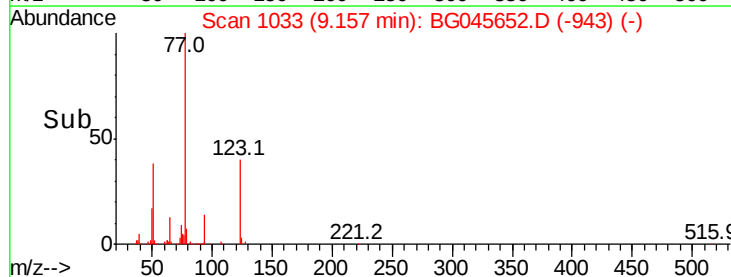
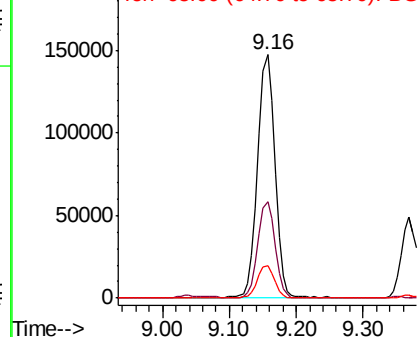


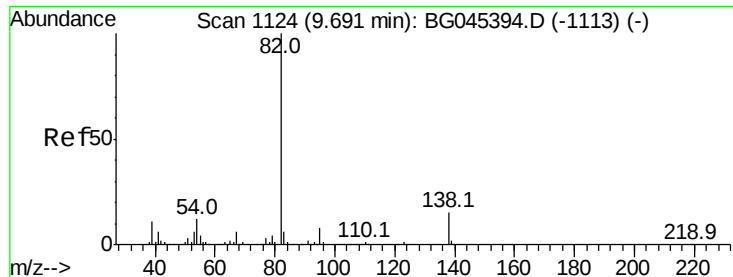
#24
 Nitrobenzene
 Concen: 53.850 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Tgt Ion	77	Resp	262091
Ion Ratio	Lower	Upper	
77	100		
123	39.5	32.9	49.3
65	13.1	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: 53.454 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

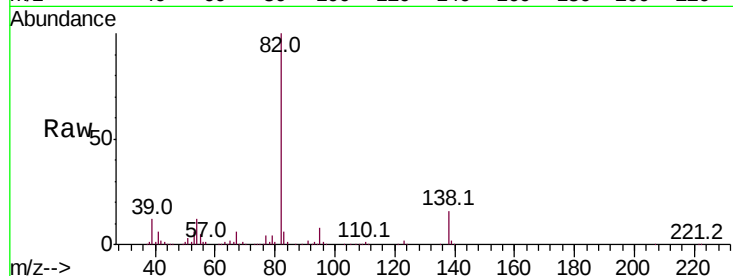
Tot Ion: 82 Resp: 478218

Ion Ratio Lower Upper

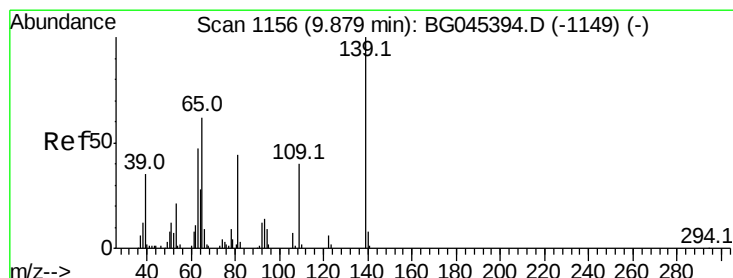
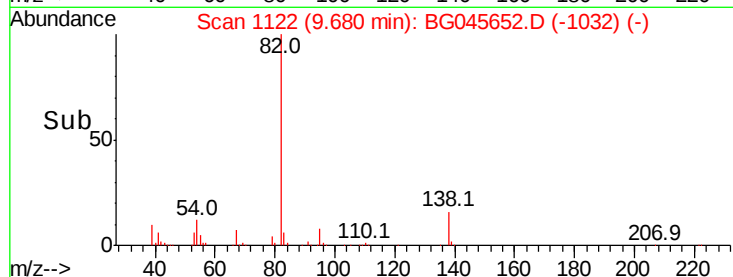
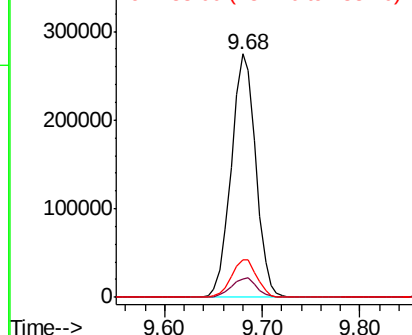
82 100

95 7.7 6.7 10.1

138 15.5 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: 55.201 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

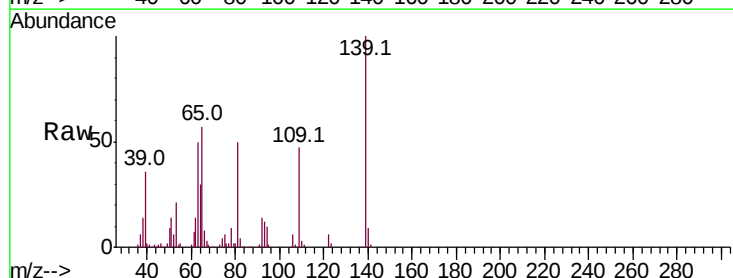
Tgt Ion: 139 Resp: 114931

Ion Ratio Lower Upper

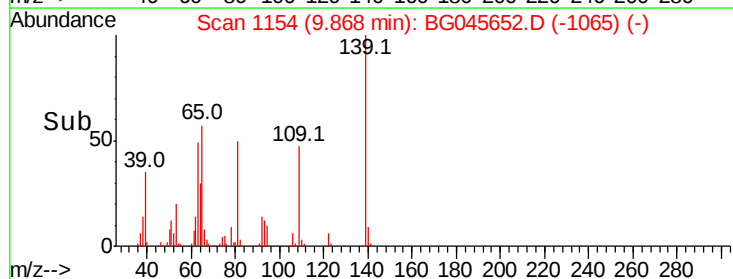
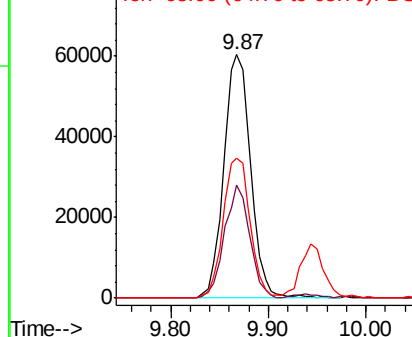
139 100

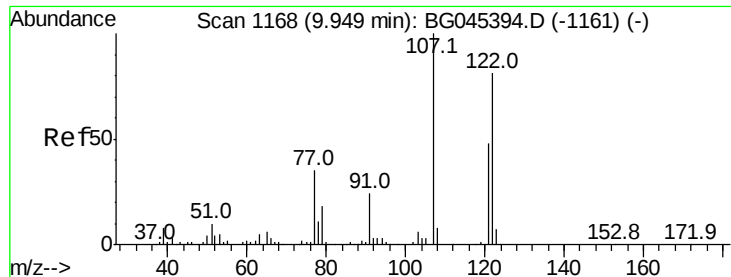
109 46.7 32.2 48.4

65 57.3 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

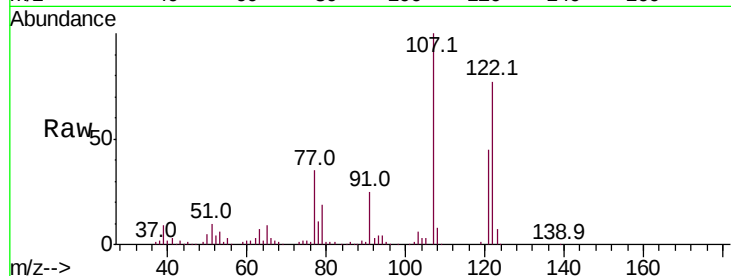




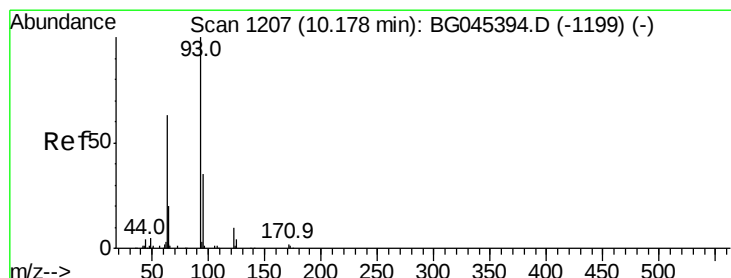
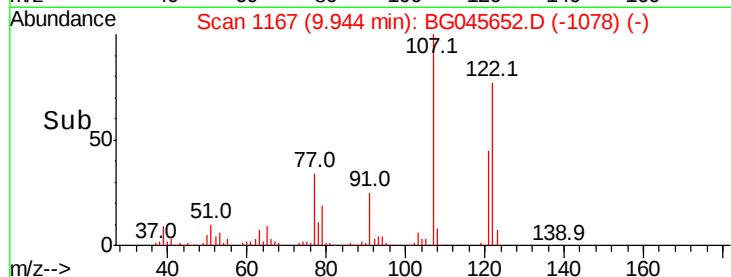
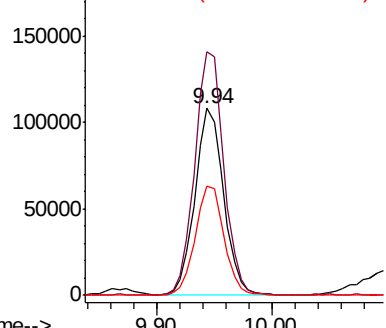
#27
2,4-Dimethylphenol
Concen: 60.166 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.1	99.0	148.4
121	58.4	47.7	71.5

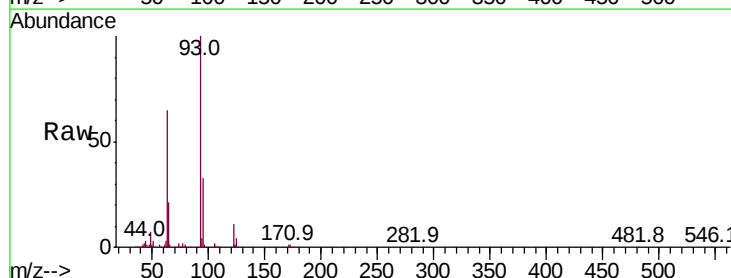


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

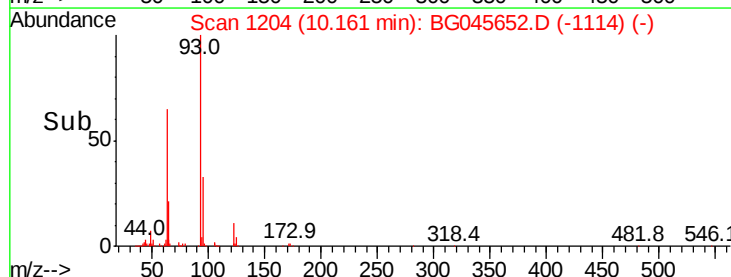
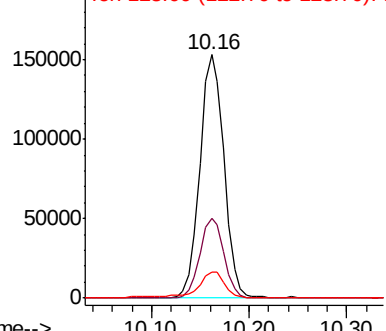


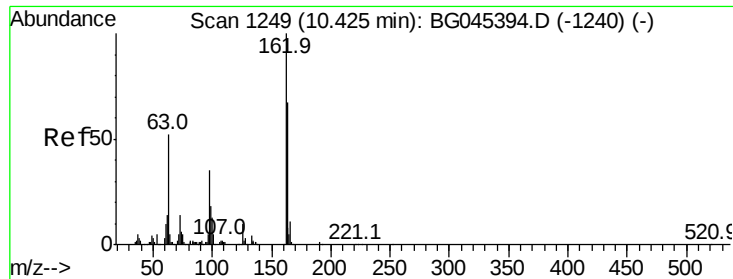
#28
bis(2-Chloroethoxy)methane
Concen: 55.985 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.6	41.4
123	10.5	8.1	12.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 56.710 ng

RT: 10.42 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

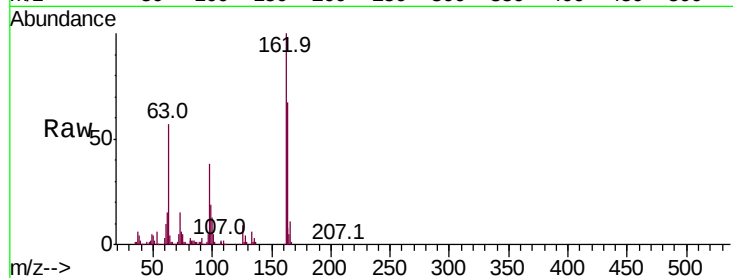
Tot Ion:162 Resp: 206799

Ion Ratio Lower Upper

162 100

164 66.8 46.8 86.8

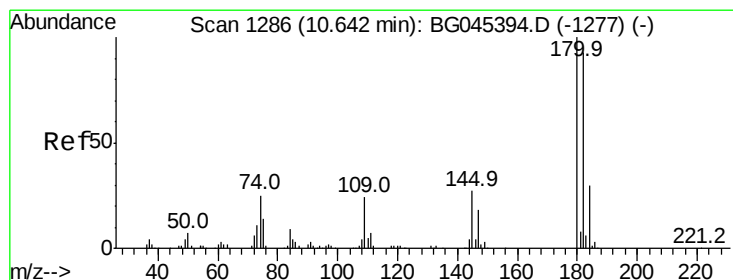
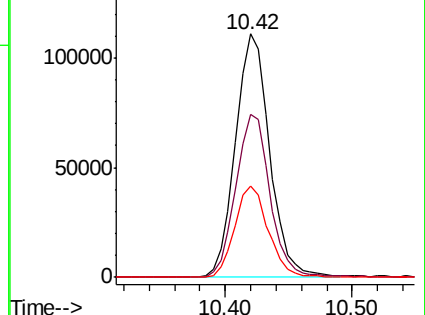
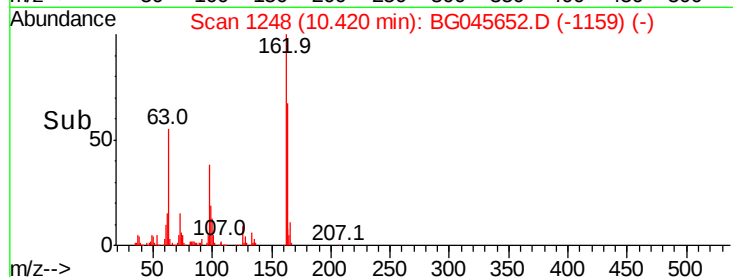
98 37.7 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 52.642 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

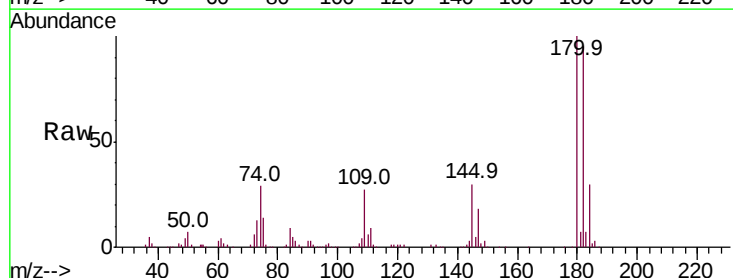
Tgt Ion:180 Resp: 226831

Ion Ratio Lower Upper

180 100

182 94.9 74.8 112.2

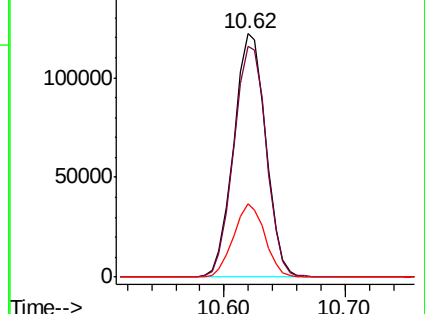
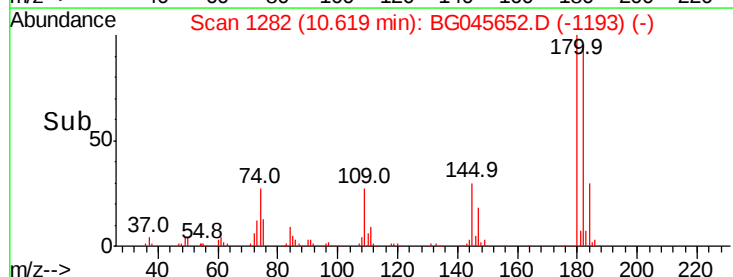
145 30.1 21.9 32.9

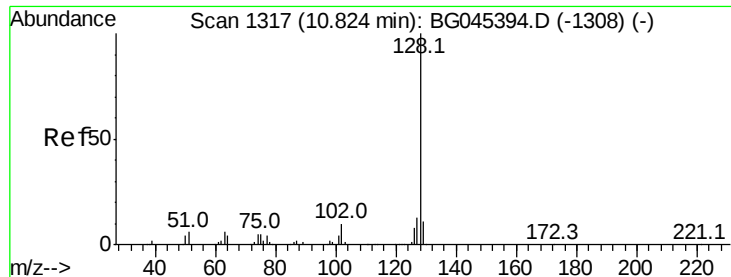


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

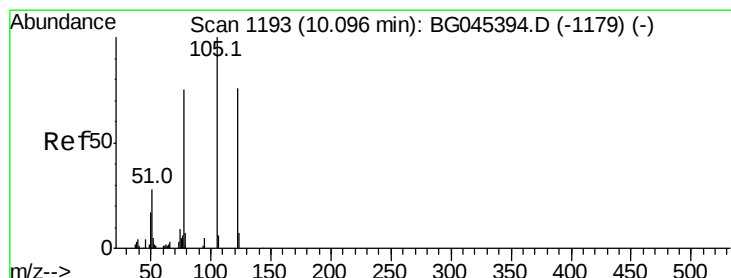
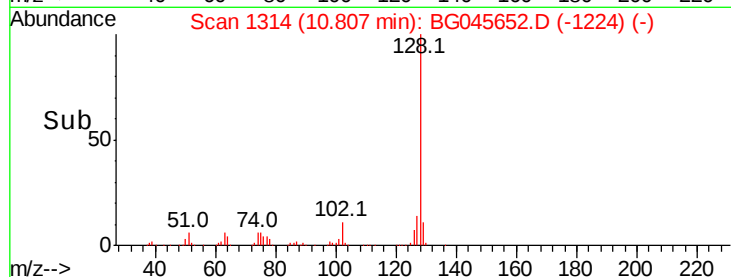
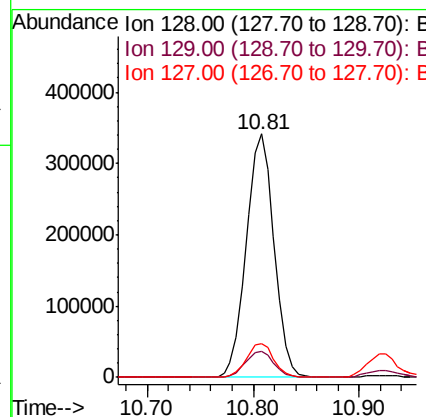
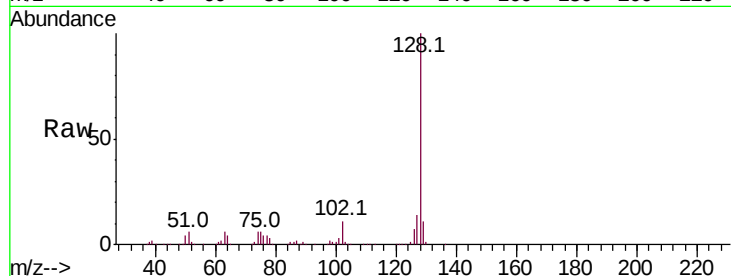




#31
Naphthalene
Concen: 53.782 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

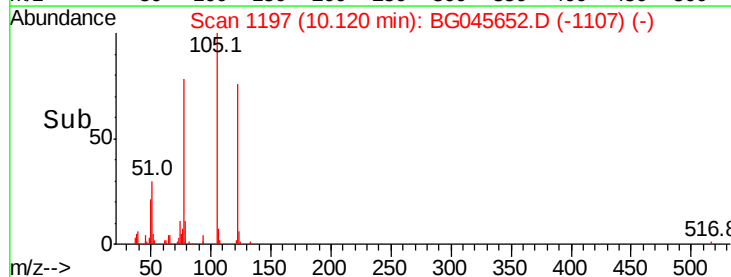
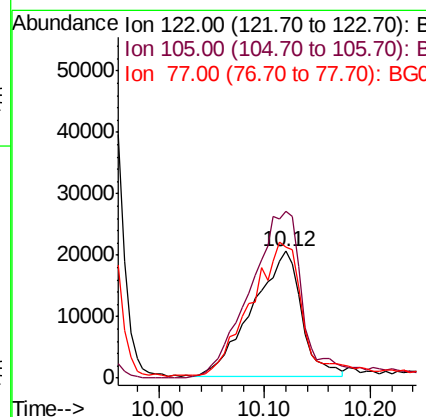
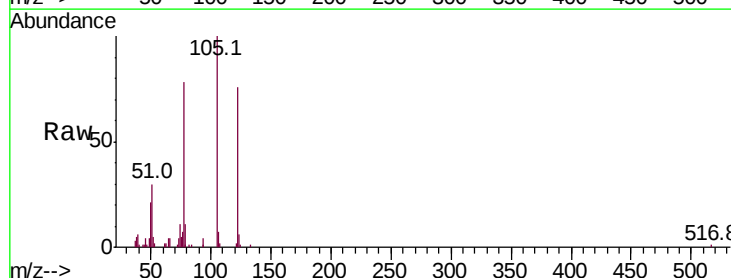
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

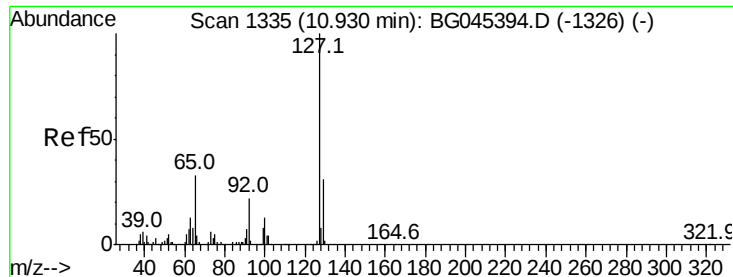
Tot Ion:128 Resp: 620850
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 14.0 10.7 16.1



#32
Benzoic acid
Concen: 34.893 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion:122 Resp: 66017
Ion Ratio Lower Upper
122 100
105 131.8 107.9 147.9
77 103.1 78.9 118.9

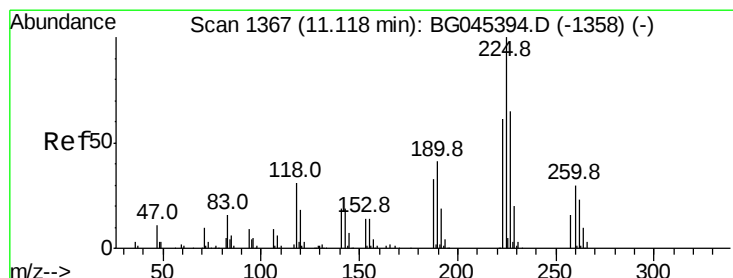
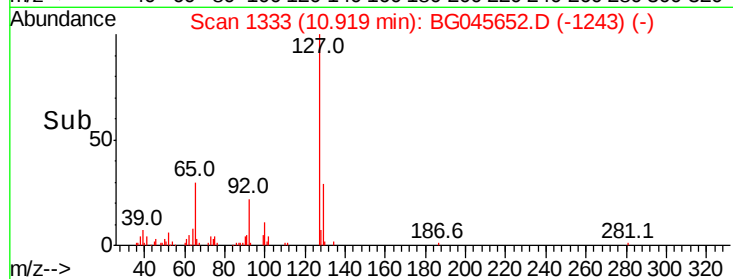
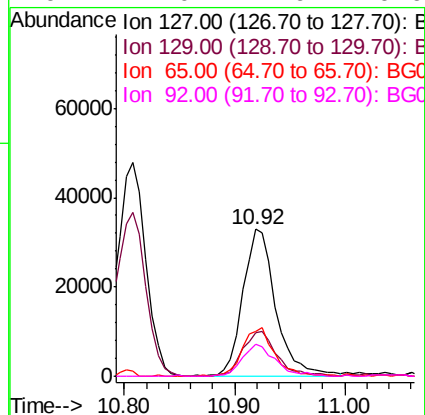
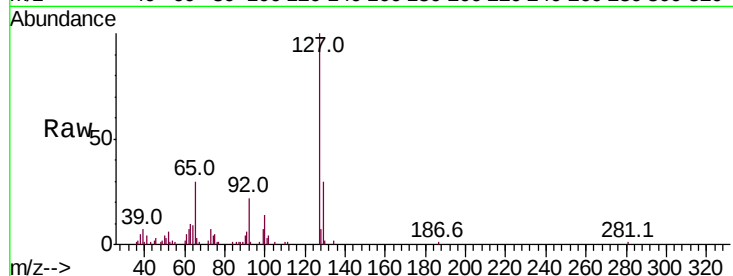




#33
4-Chloroaniline
Concen: 14.274 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

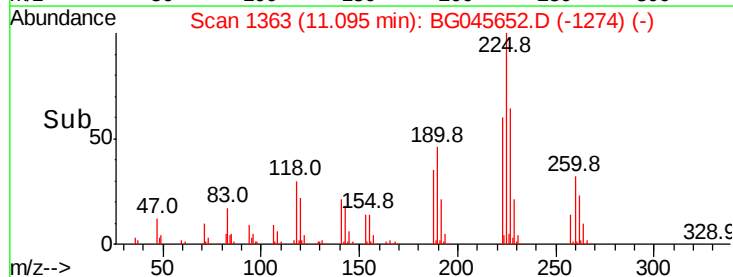
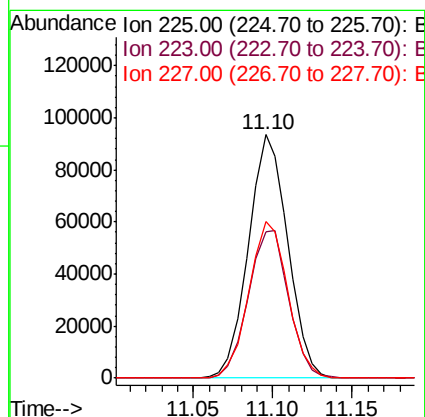
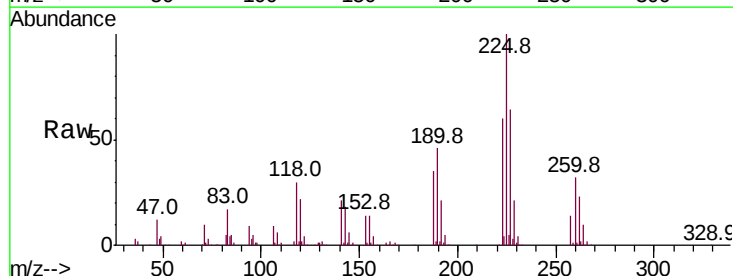
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

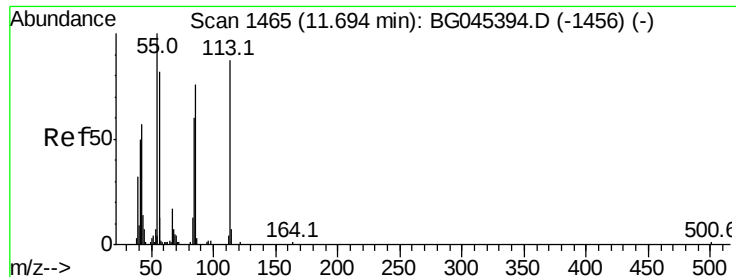
Tot Ion:	127	Resp:	68877
Ion	Ratio	Lower	Upper
127	100		
129	29.7	24.7	37.1
65	30.2	26.2	39.2
92	22.0	17.9	26.9



#34
Hexachlorobutadiene
Concen: 52.723 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion:	225	Resp:	160586
Ion	Ratio	Lower	Upper
225	100		
223	60.0	49.1	73.7
227	64.5	52.0	78.0





#35

Caprolactam

Concen: 22.364 ng

RT: 11.71 min Scan# 1468

Delta R.T. 0.02 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

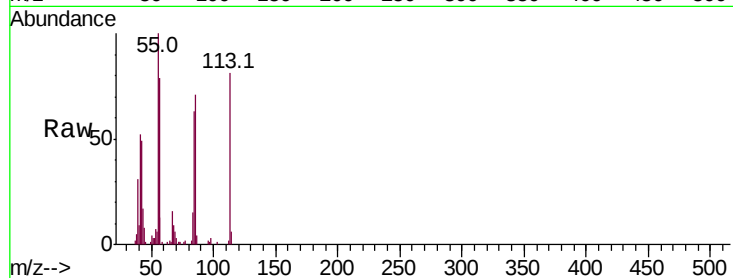
Tot Ion:113 Resp: 29934

Ion Ratio Lower Upper

113 100

55 123.5 96.0 136.0

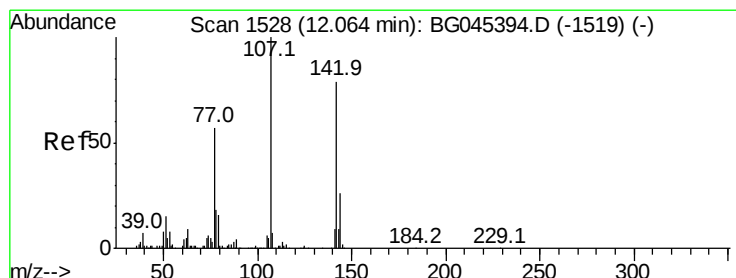
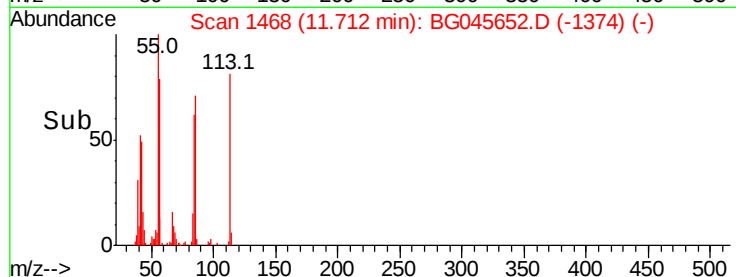
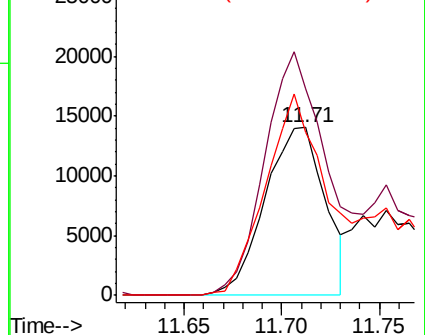
56 97.2 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 57.002 ng

RT: 12.07 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

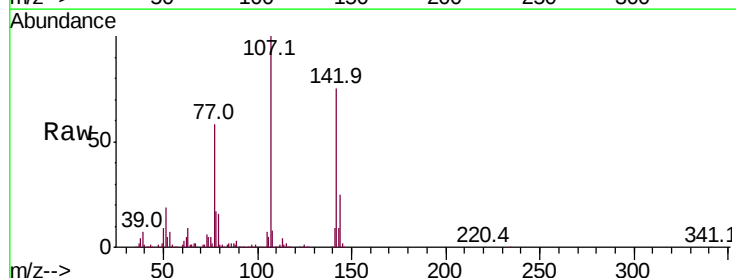
Tgt Ion:107 Resp: 234225

Ion Ratio Lower Upper

107 100

144 24.8 20.8 31.2

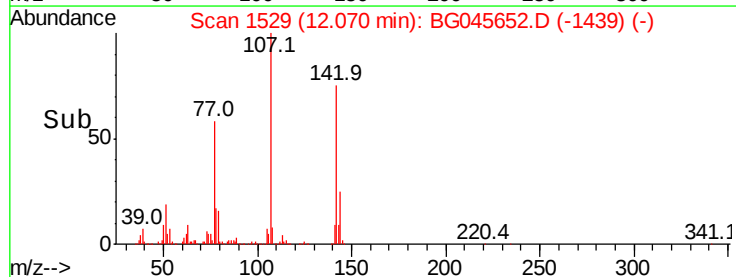
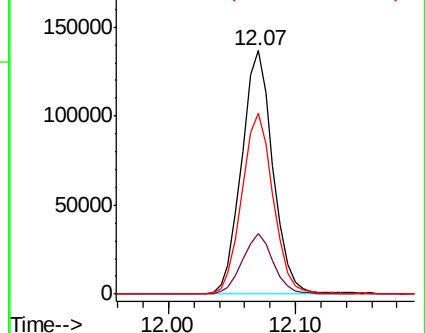
142 74.5 62.8 94.2

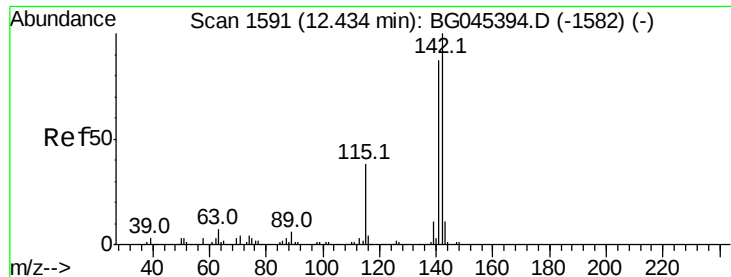


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 54.049 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.00 min

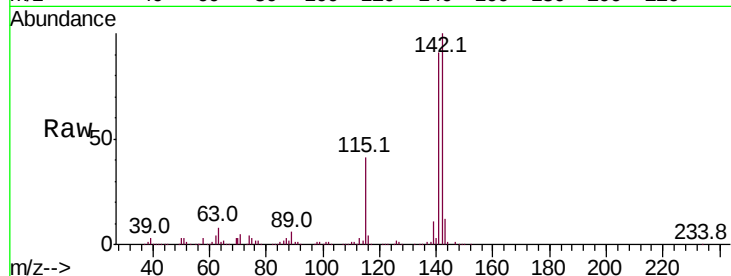
Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion:142 Resp: 465034

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.0	105.0
115	41.1	30.8	46.2

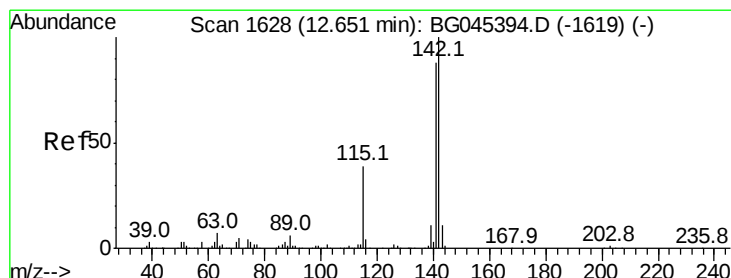
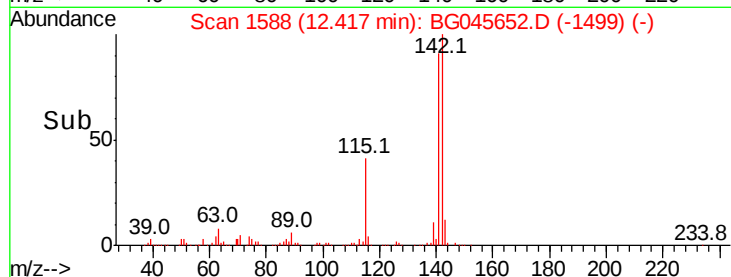
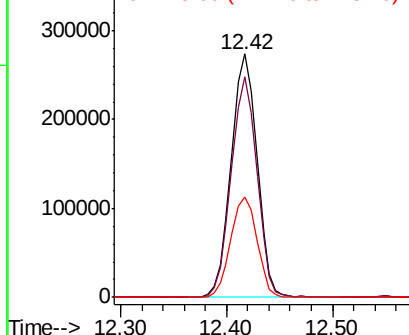


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 57.217 ng

RT: 12.42 min Scan# 1588

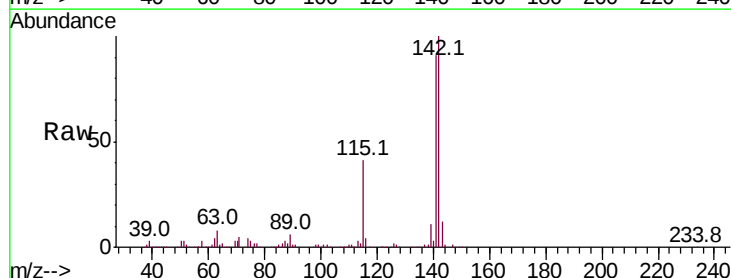
Delta R.T. -0.22 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion:142 Resp: 465034

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
116	4.3	3.0	4.6

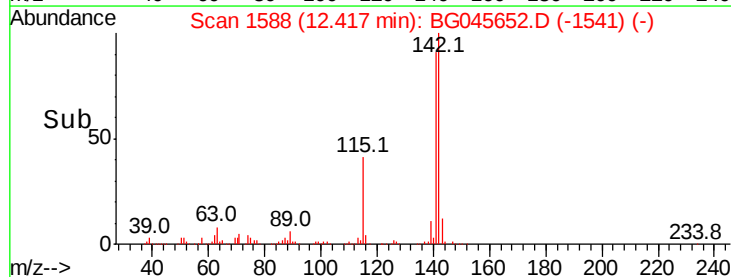
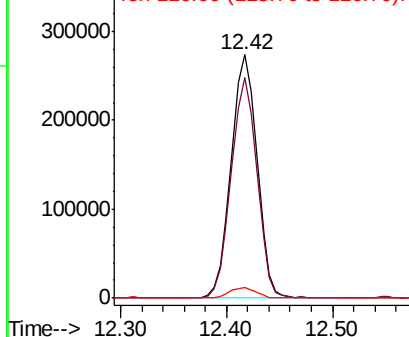


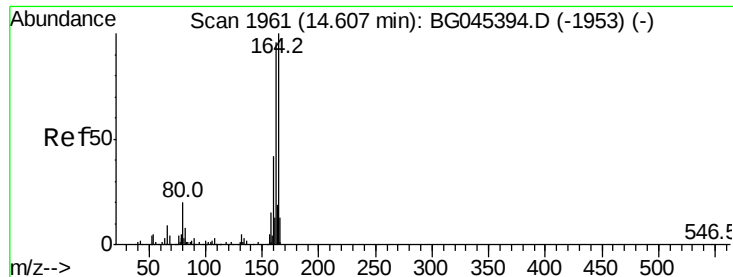
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

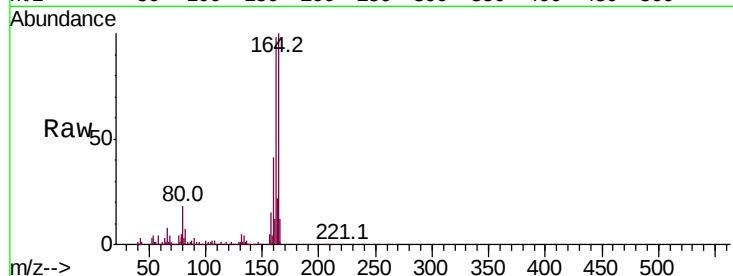
Tot Ion:164 Resp: 171864

Ion Ratio Lower Upper

164 100

162 97.6 76.9 115.3

160 41.1 33.8 50.8

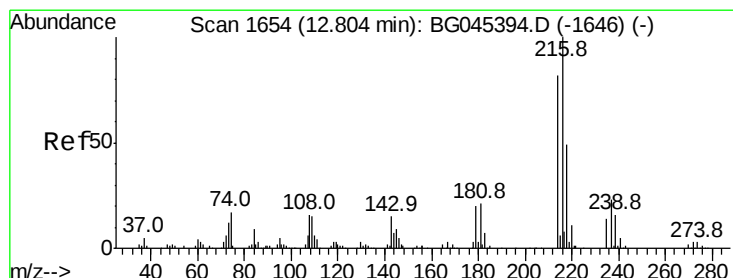
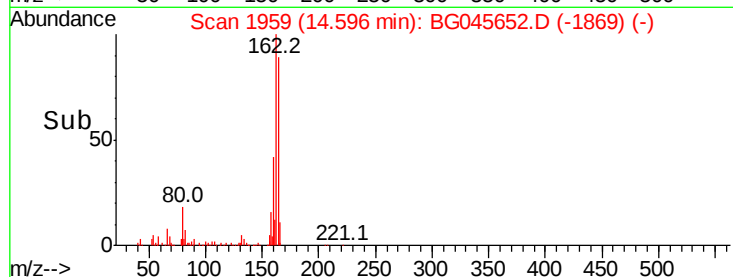
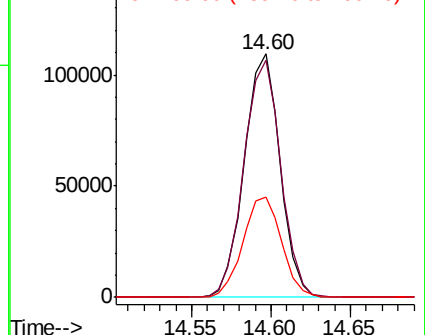


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.873 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion:216 Resp: 268212

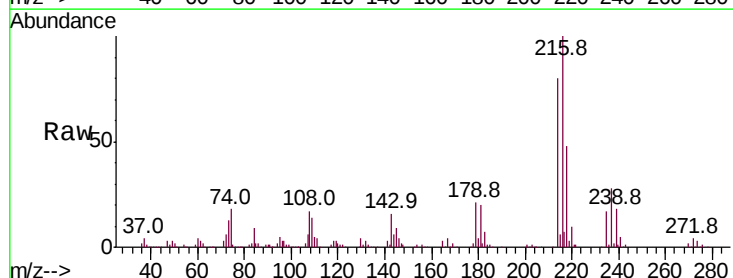
Ion Ratio Lower Upper

216 100

214 79.7 63.7 95.5

179 20.2 16.1 24.1

108 18.7 13.8 20.6



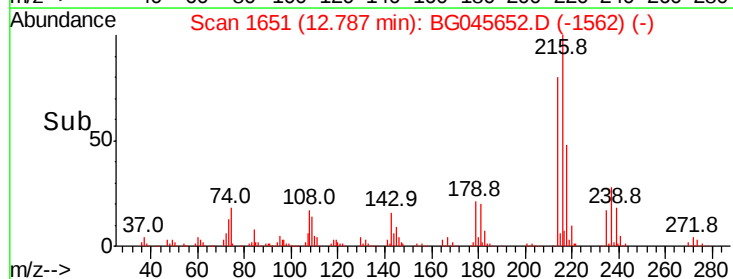
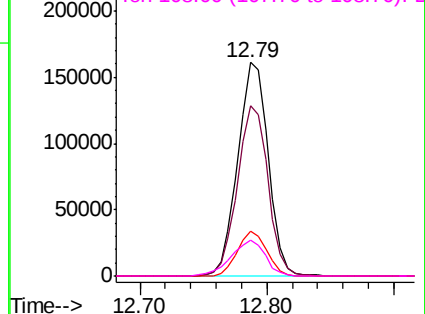
Abundance

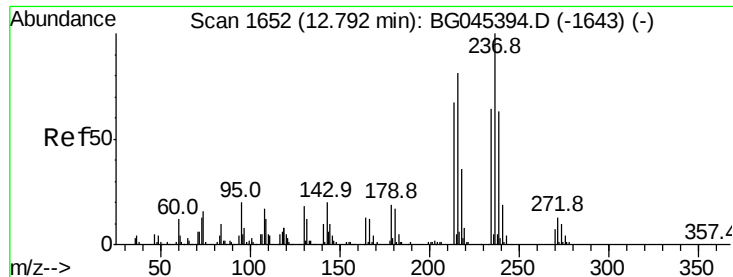
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.017 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

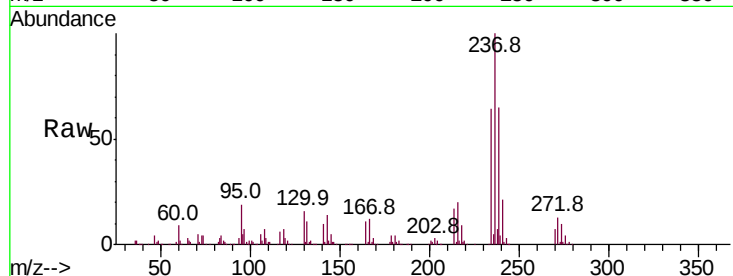
Tot Ion:237 Resp: 260495

Ion Ratio Lower Upper

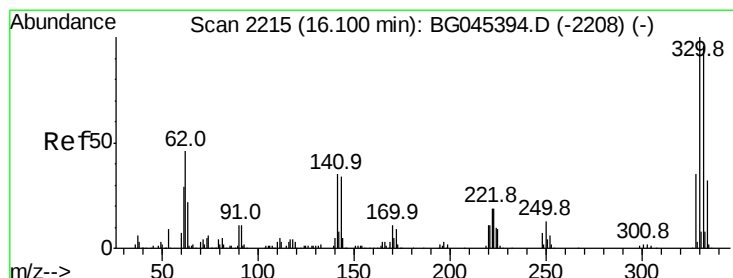
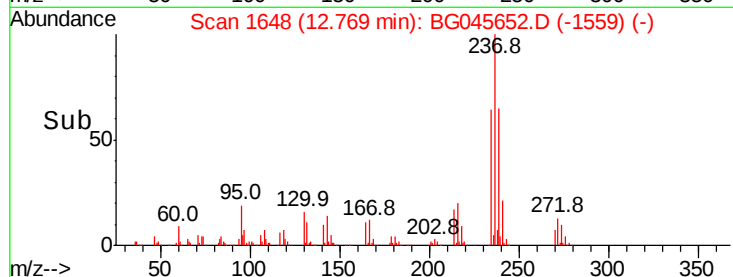
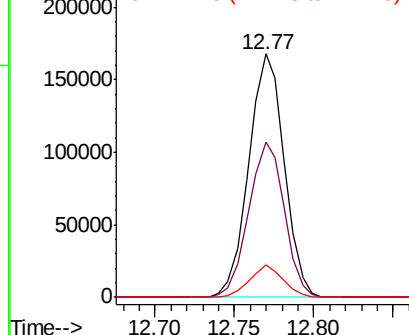
237 100

235 63.7 44.4 84.4

272 13.3 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: 160.291 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

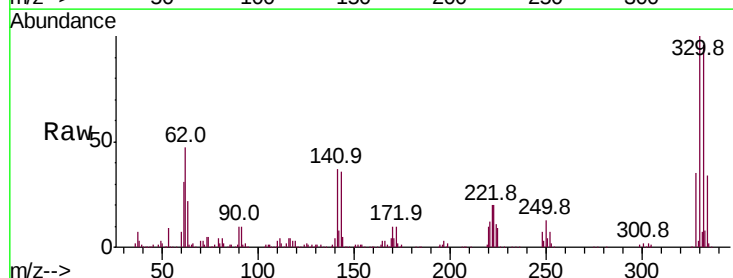
Tgt Ion:330 Resp: 352311

Ion Ratio Lower Upper

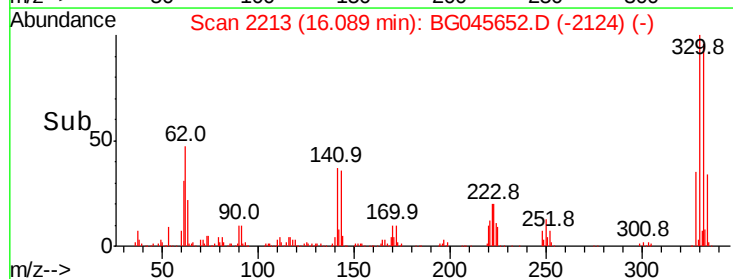
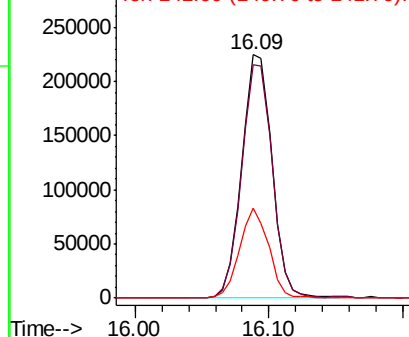
330 100

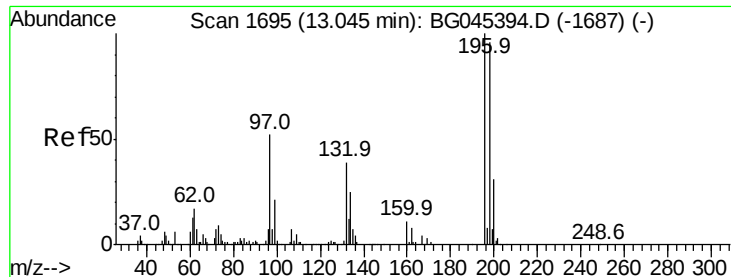
332 97.3 78.2 117.4

141 35.3 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

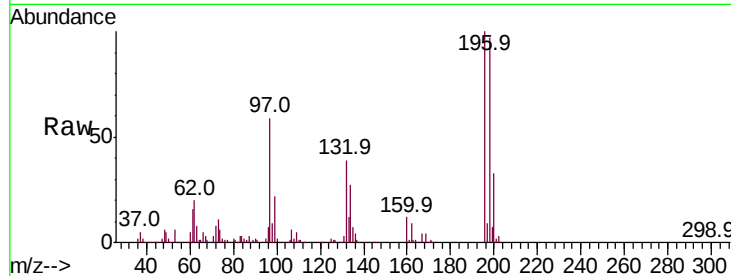




#43
 2,4,6-Trichlorophenol
 Concen: 54.893 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.7	115.1
200	32.7	24.9	37.3

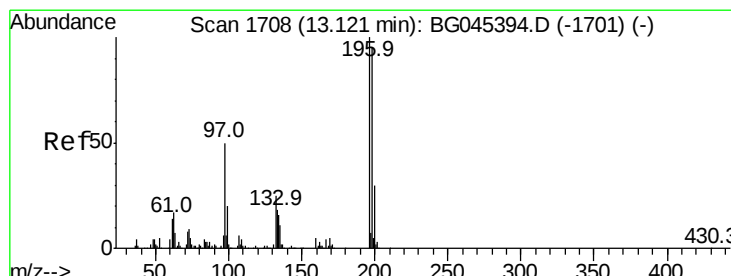
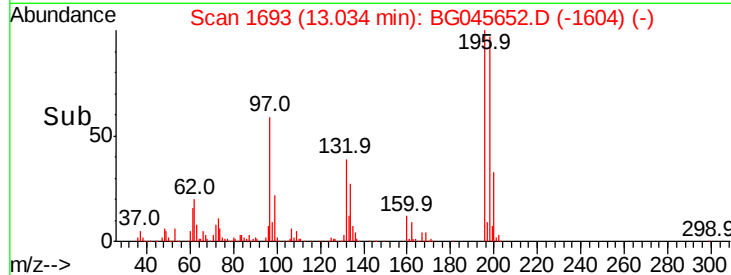
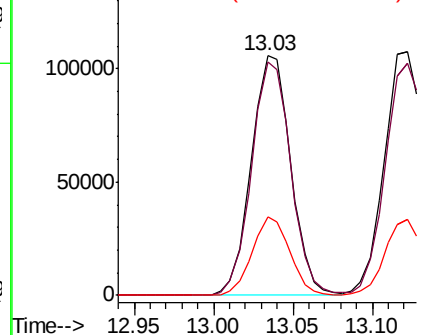


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 50.910 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.1	114.1
97	52.7	40.0	60.0
132	23.6	20.2	30.2

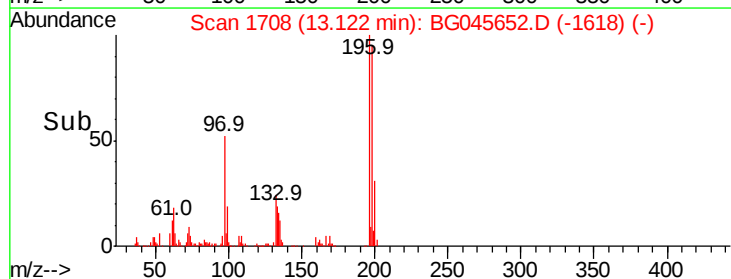
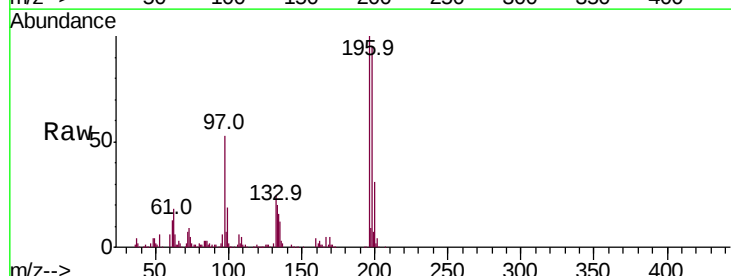
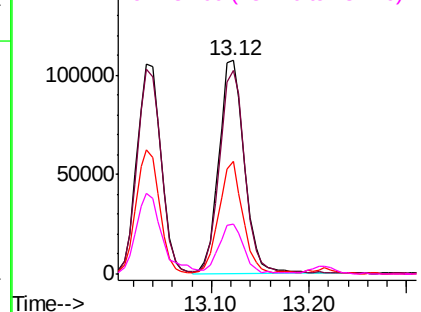
Abundance

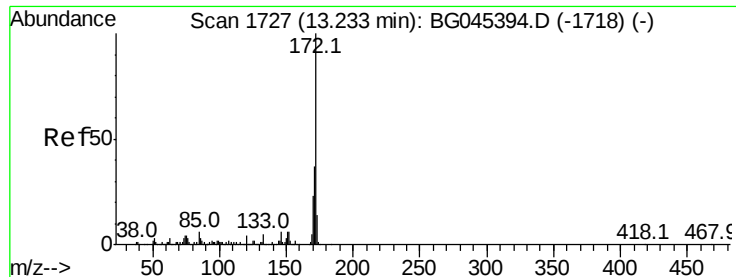
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

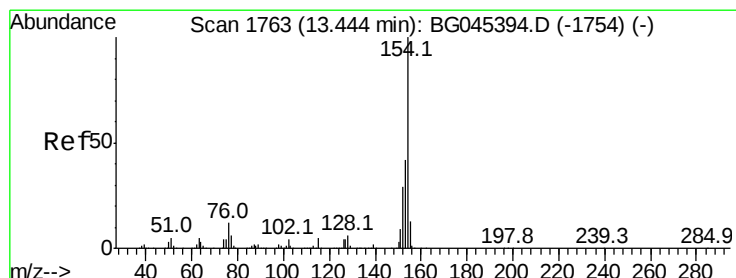
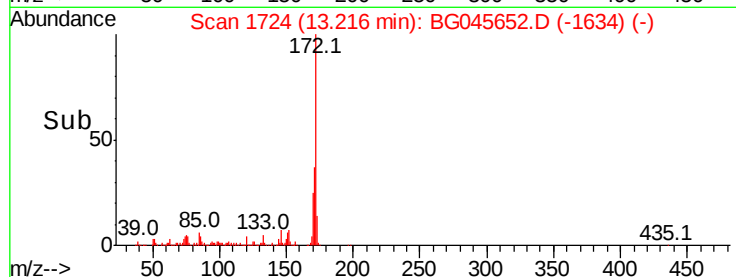
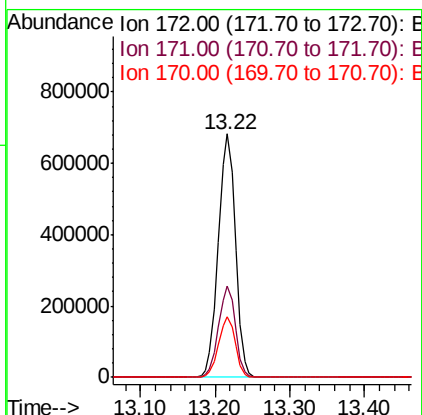
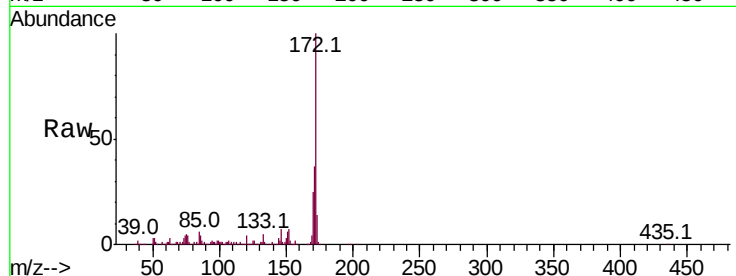




#45
2-Fluorobiphenyl
Concen: 107.568 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

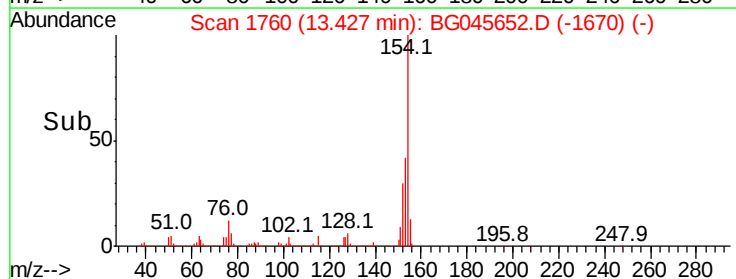
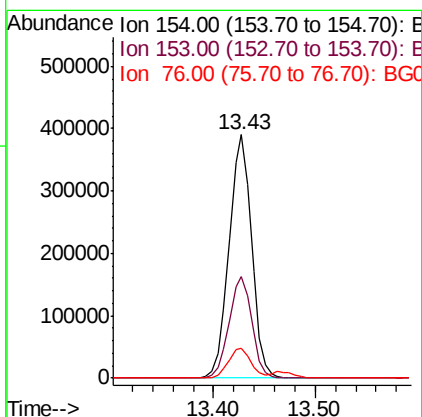
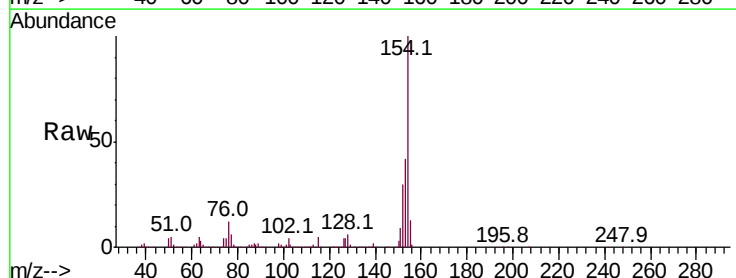
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

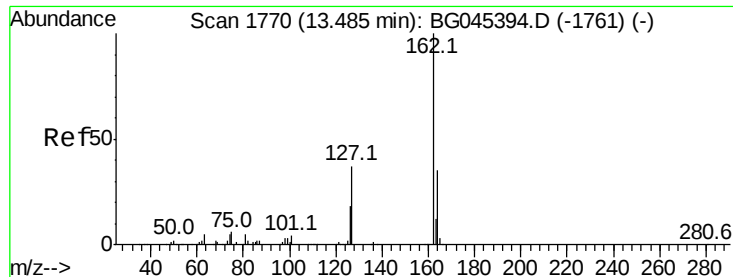
Tot Ion:172 Resp: 1089908
Ion Ratio Lower Upper
172 100
171 37.4 29.5 44.3
170 24.7 18.5 27.7



#46
1,1'-Biphenyl
Concen: 56.893 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion:154 Resp: 600808
Ion Ratio Lower Upper
154 100
153 41.6 22.2 62.2
76 12.2 0.0 32.4





#47

2-Chloronaphthalene

Concen: 53.237 ng

RT: 13.47 min Scan# 1767

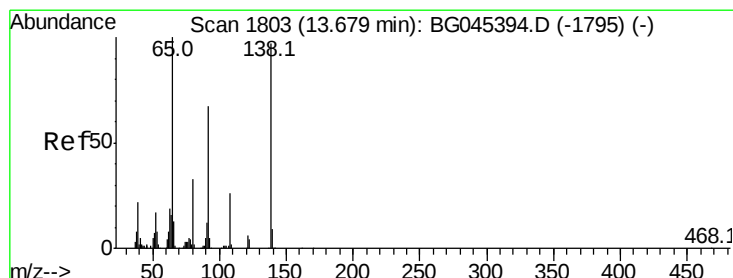
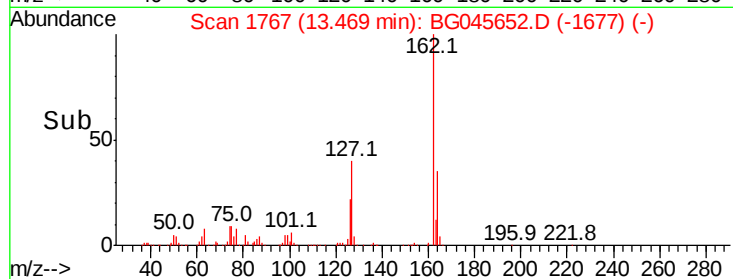
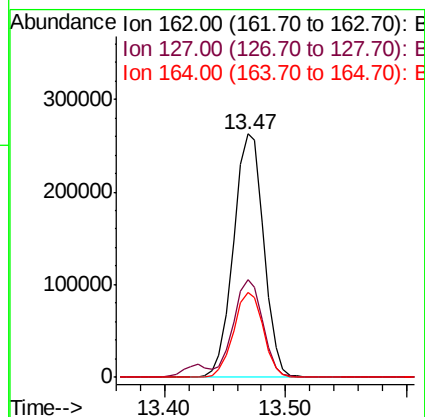
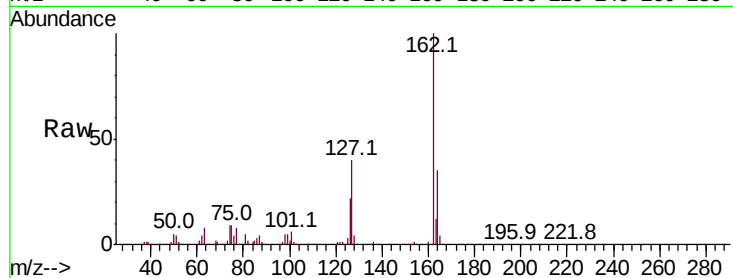
Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.6	47.4
164	34.9	28.1	42.1



#48

2-Nitroaniline

Concen: 55.165 ng

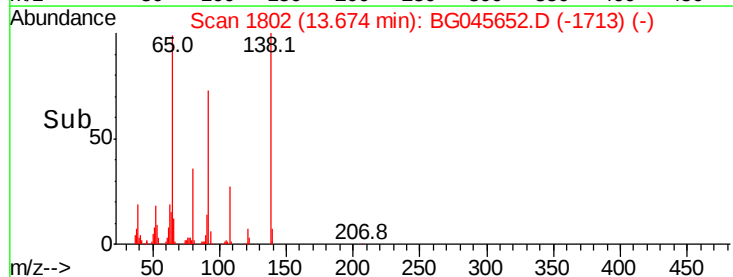
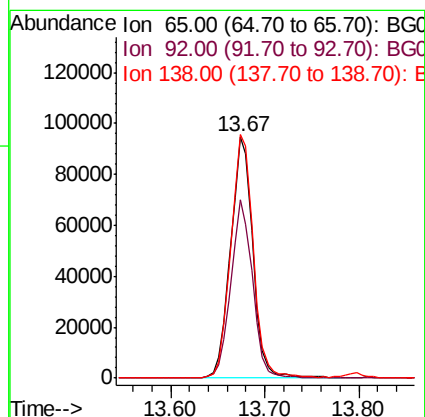
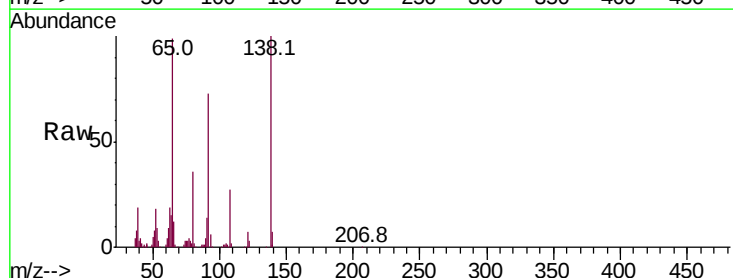
RT: 13.67 min Scan# 1802

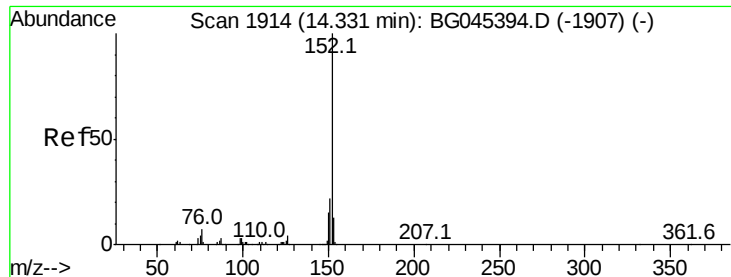
Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	53.8	80.8
138	100.9	77.9	116.9





#49

Acenaphthylene

Concen: 54.353 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

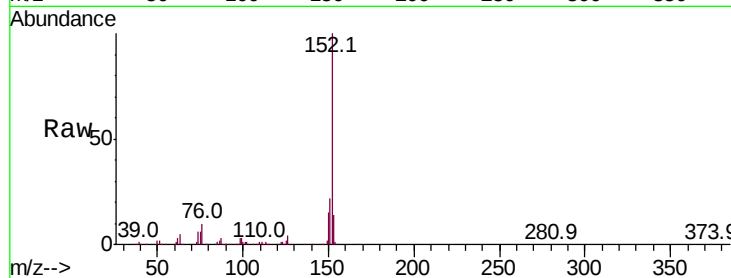
Tot Ion:152 Resp: 748660

Ion Ratio Lower Upper

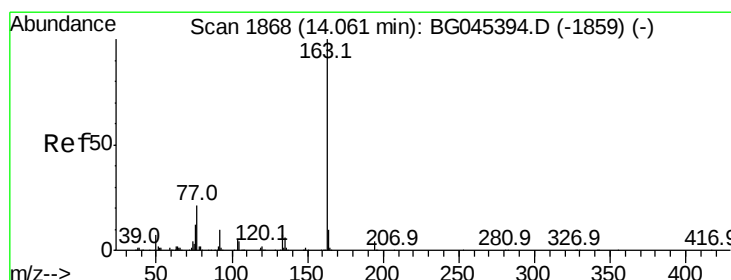
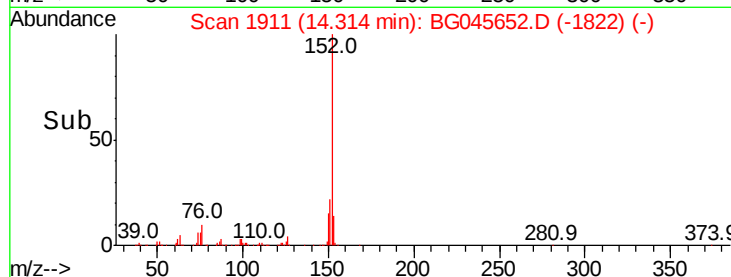
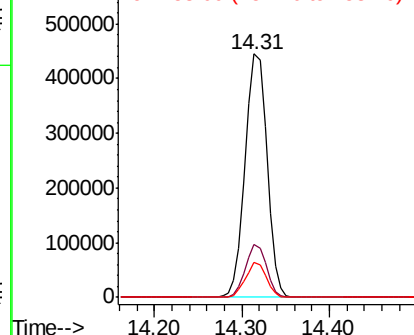
152 100

151 21.9 17.4 26.2

153 14.2 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: 64.432 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

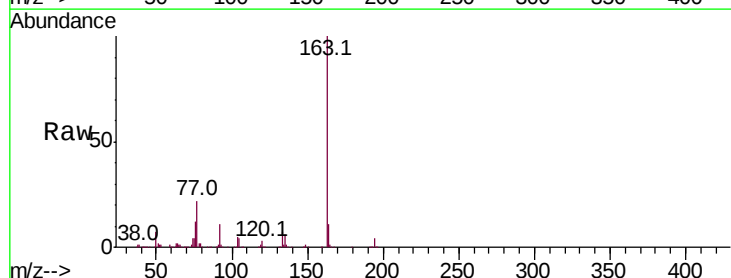
Tgt Ion:163 Resp: 759640

Ion Ratio Lower Upper

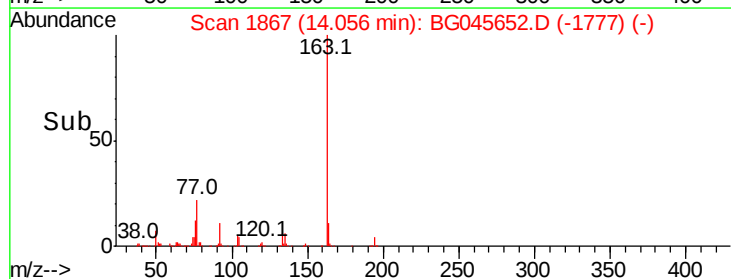
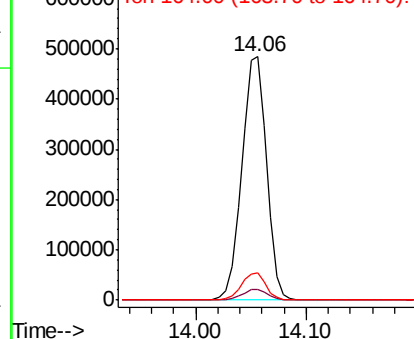
163 100

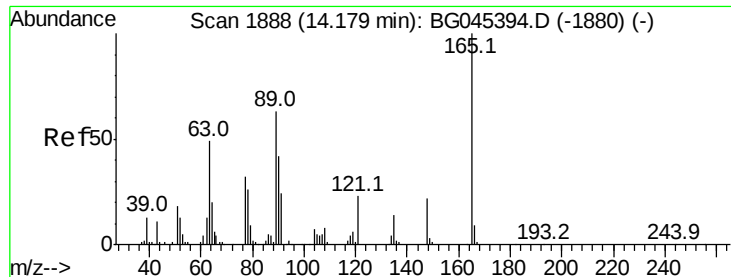
194 4.4 3.2 4.8

164 11.1 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

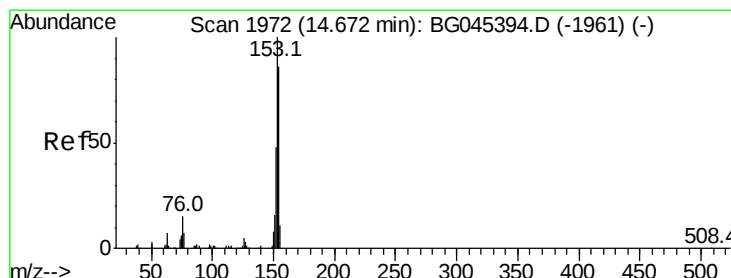
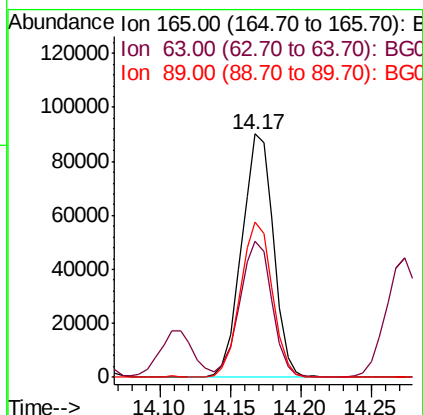
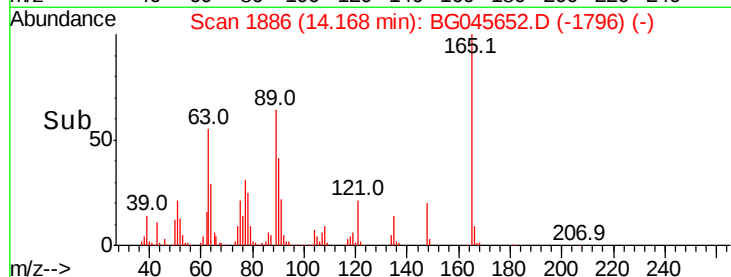
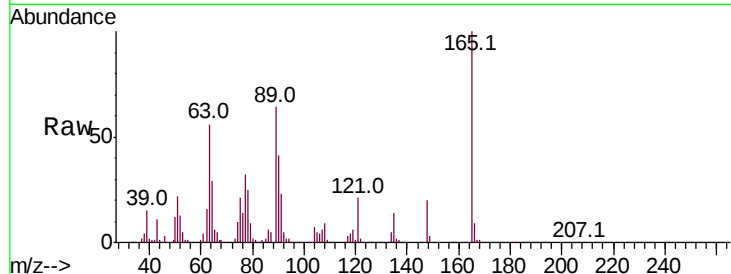




#51
2,6-Dinitrotoluene
Concen: 53.288 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

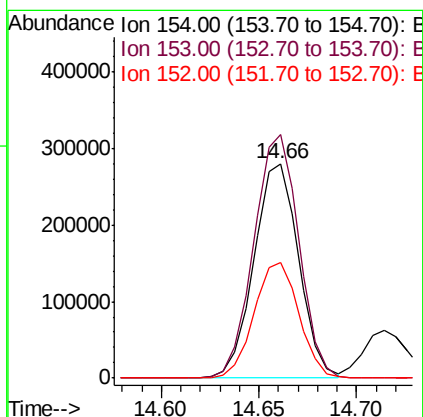
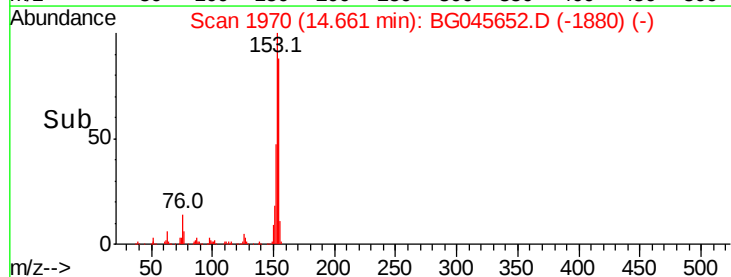
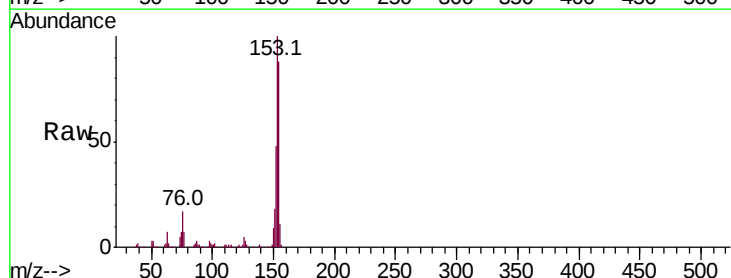
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

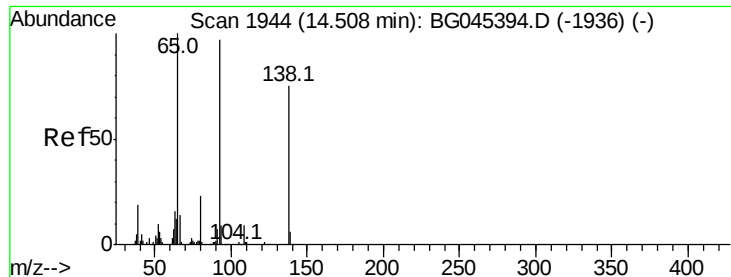
Tot Ion:165 Resp: 141766
Ion Ratio Lower Upper
165 100
63 56.0 45.0 67.4
89 63.8 50.2 75.4



#52
Acenaphthene
Concen: 48.194 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion:154 Resp: 444359
Ion Ratio Lower Upper
154 100
153 113.4 92.8 139.2
152 54.0 44.6 66.8

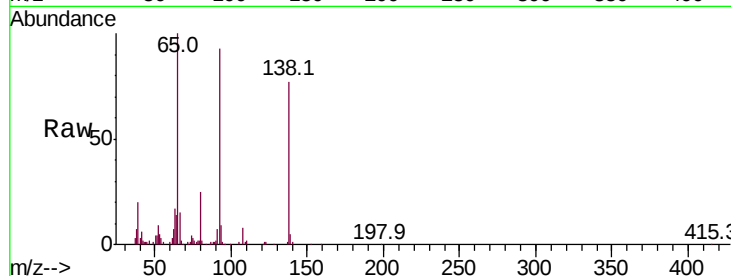




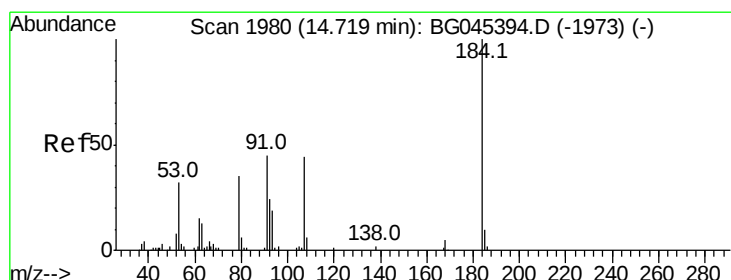
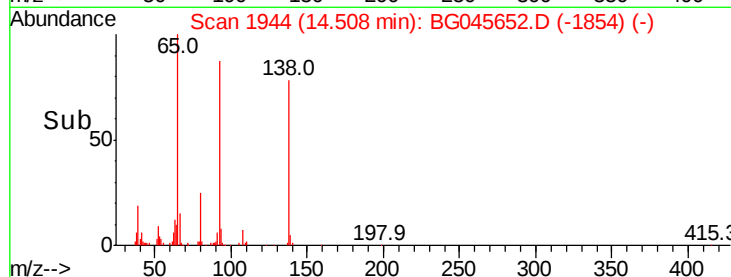
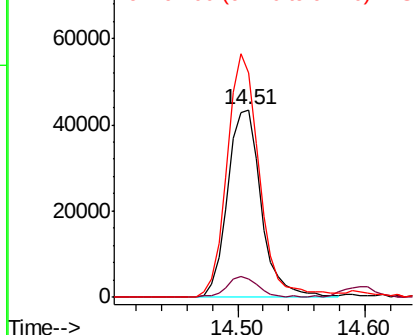
#53
3-Nitroaniline
Concen: 29.444 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion:138 Resp: 79627
Ion Ratio Lower Upper
138 100
108 9.9 9.8 14.6
92 119.7 103.0 154.4

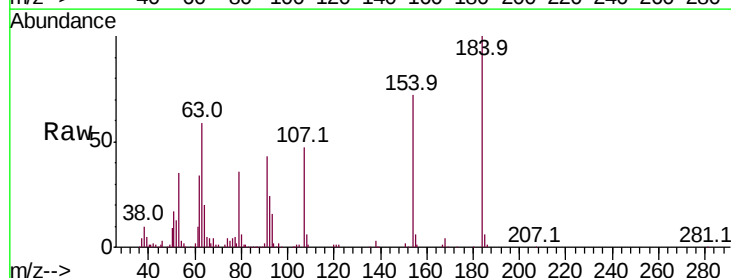


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

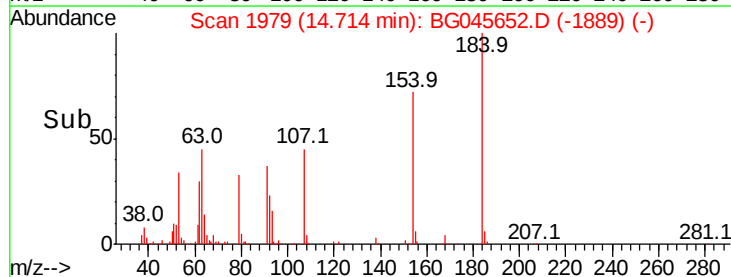
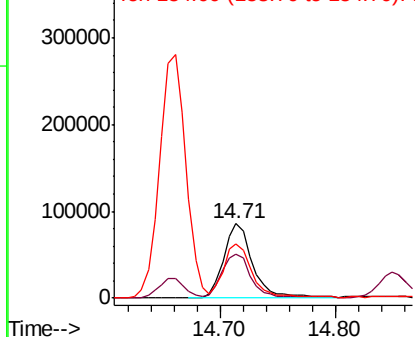


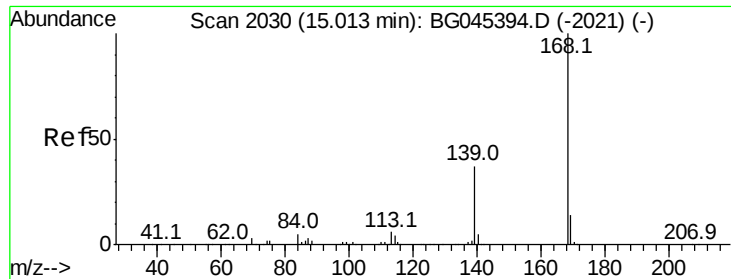
#54
2,4-Dinitrophenol
Concen: 84.781 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion:184 Resp: 148359
Ion Ratio Lower Upper
184 100
63 59.4 47.8 71.6
154 72.2 58.3 87.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

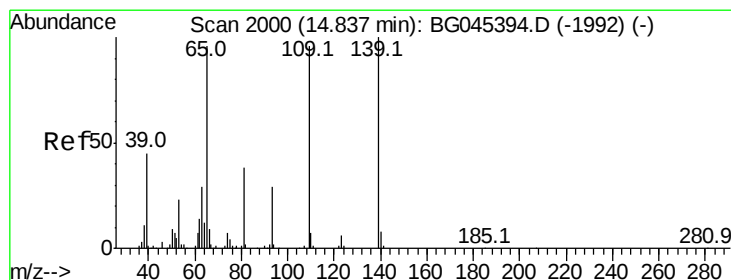
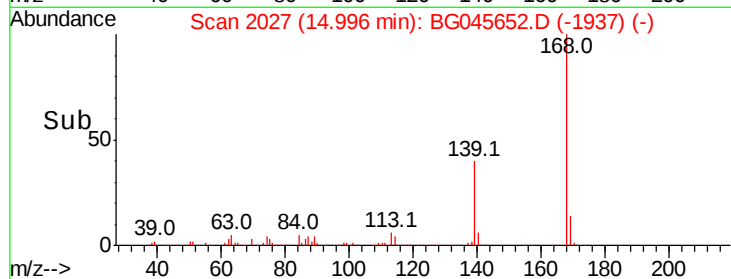
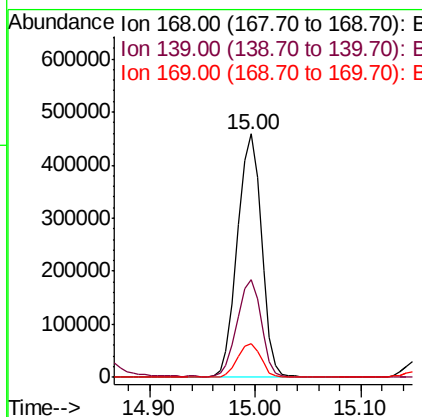
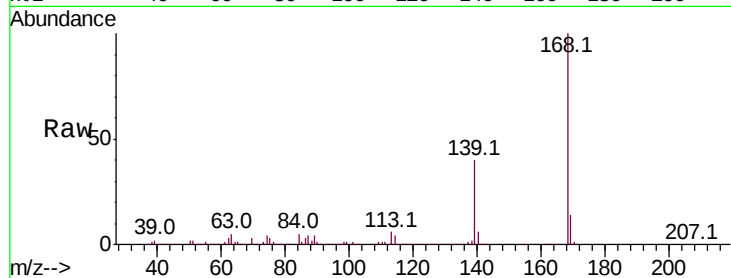




#55
Dibenzofuran
Concen: 52.865 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

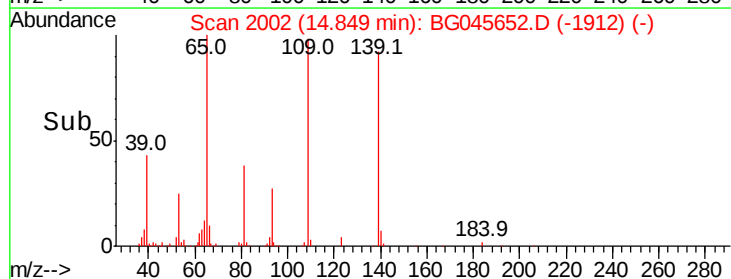
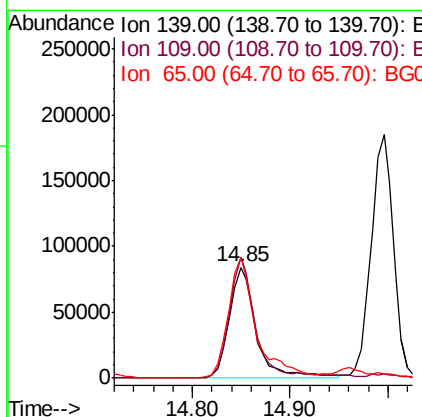
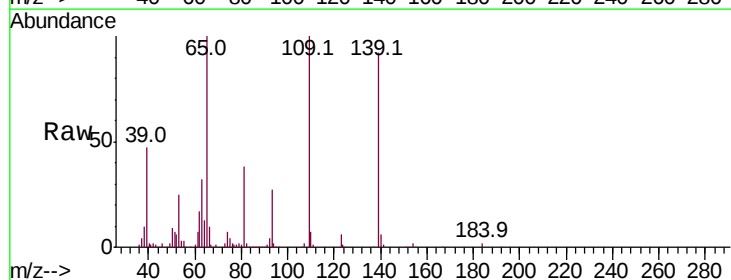
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

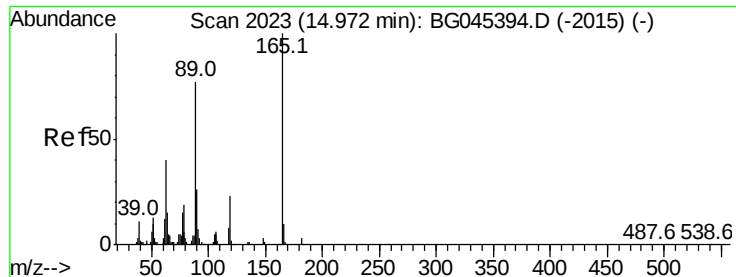
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	29.9	44.9
169	13.6	10.9	16.3



#56
4-Nitrophenol
Concen: 78.438 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	108.6	75.6	115.6
65	109.1	76.8	116.8

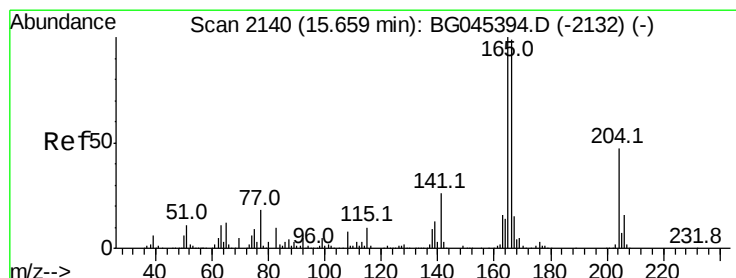
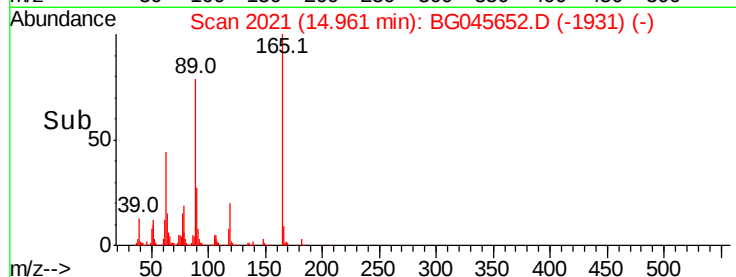
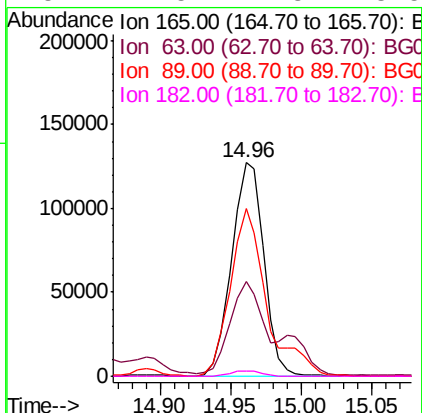
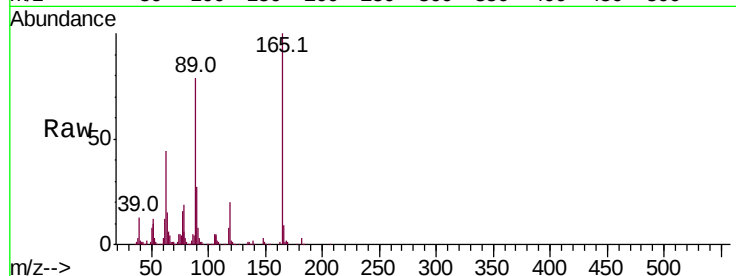




#57
2,4-Dinitrotoluene
Concen: 52.518 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

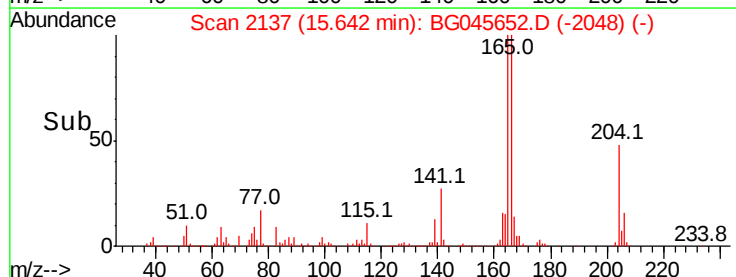
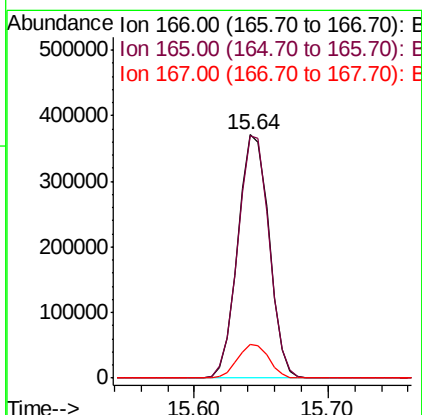
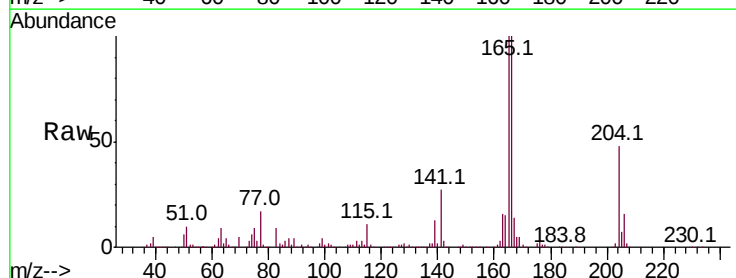
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

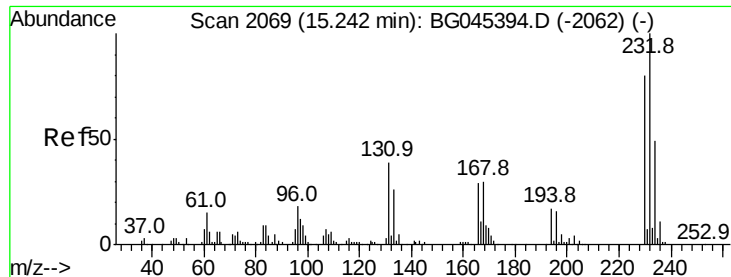
Tot Ion:165	Resp:	202346
Ion Ratio	Lower	Upper
165	100	
63	44.3	32.5 48.7
89	78.5	61.8 92.6
182	2.5	2.3 3.5



#58
Fluorene
Concen: 53.394 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion:166	Resp:	600617
Ion Ratio	Lower	Upper
166	100	
165	99.7	80.8 121.2
167	13.8	12.0 18.0

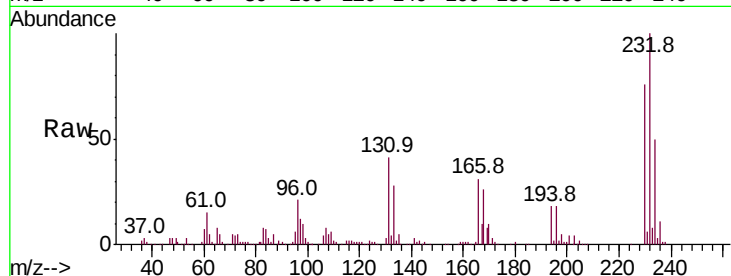




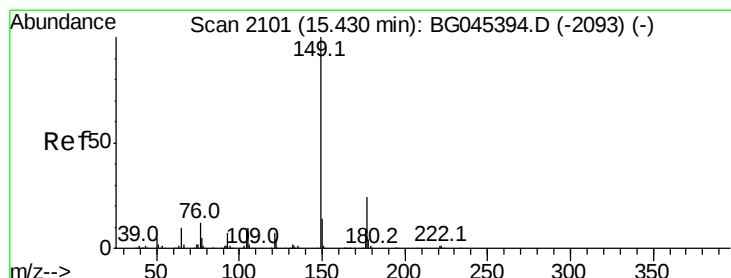
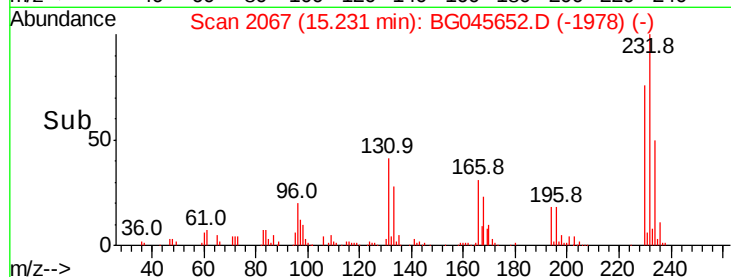
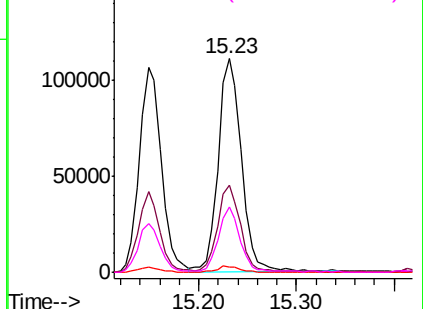
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.422 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MSD

Tot Ion:	232	Resp:	182451
Ion	Ratio	Lower	Upper
232	100		
131	39.4	33.7	50.5
130	2.8	2.1	3.1
166	28.4	23.2	34.8

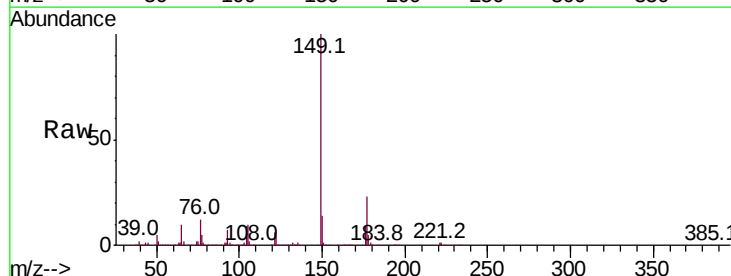


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

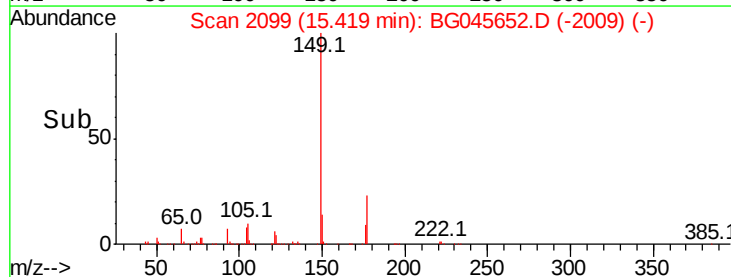
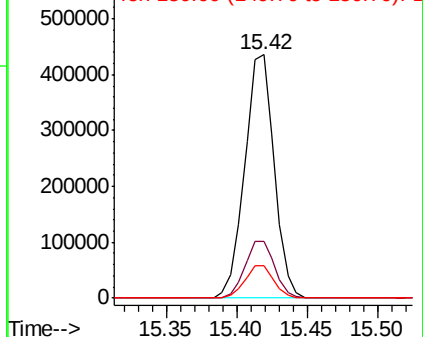


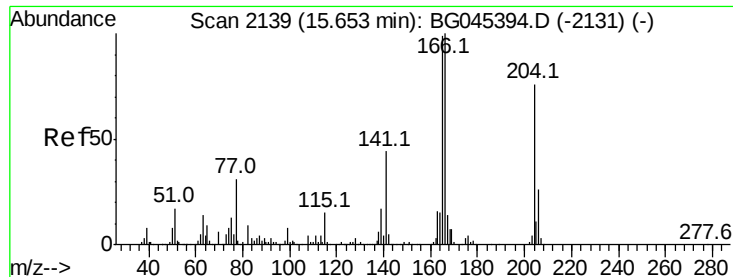
#60
 Diethylphthalate
 Concen: 51.925 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045652.D
 Acq: 8 Jun 2020 21:36

Tgt Ion:	149	Resp:	637177
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.4
150	13.5	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

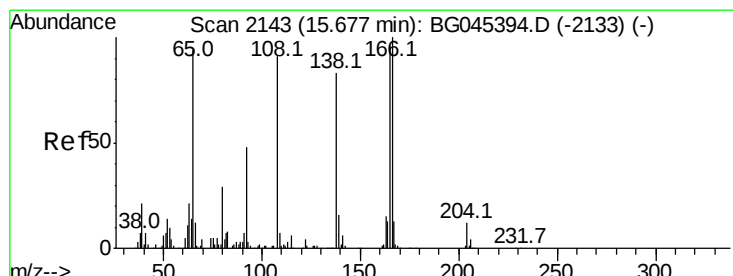
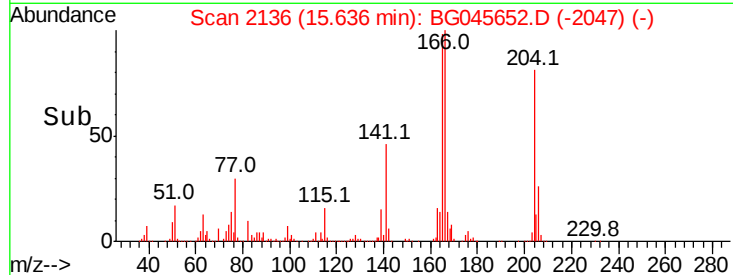
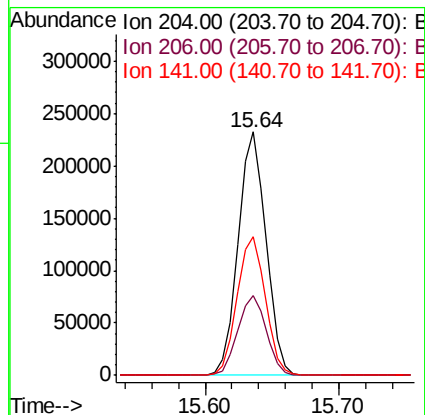
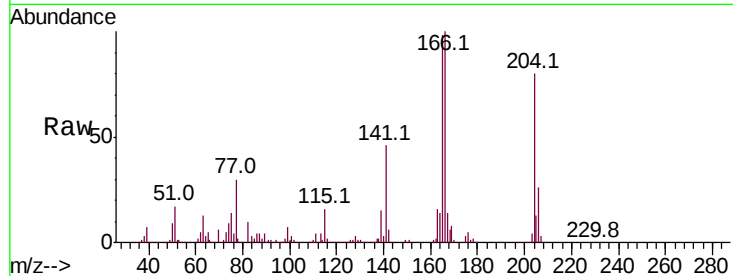




#61
4-Chlorophenyl-phenylether
Concen: 52.255 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

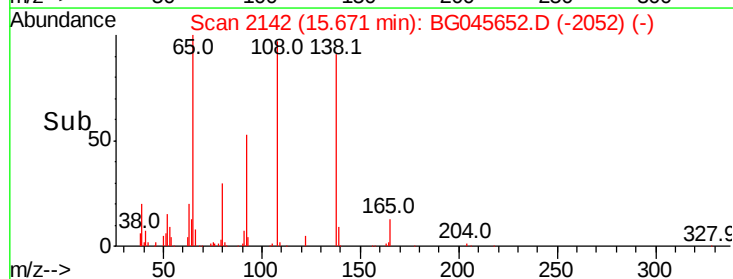
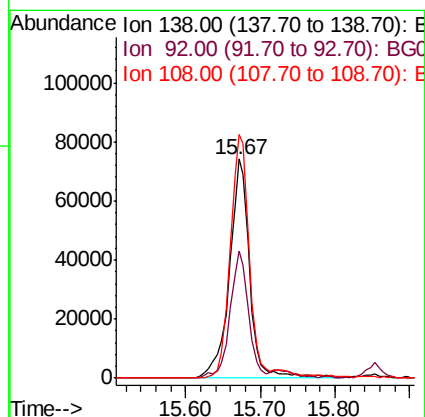
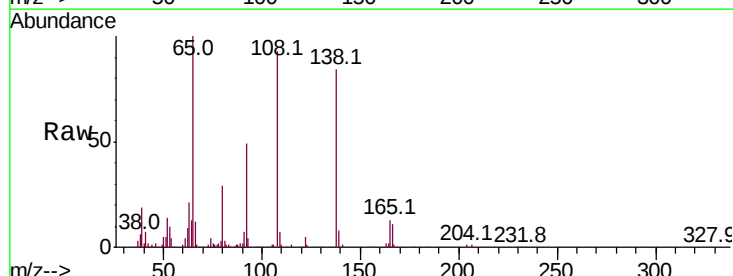
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

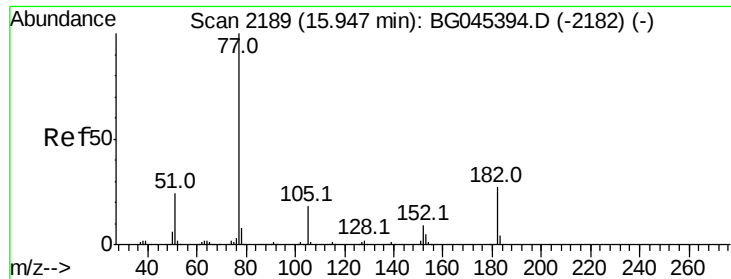
Tot Ion:204 Resp: 336364
Ion Ratio Lower Upper
204 100
206 32.6 27.3 40.9
141 56.8 45.9 68.9



#62
4-Nitroaniline
Concen: 49.730 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion:138 Resp: 140402
Ion Ratio Lower Upper
138 100
92 58.2 38.0 78.0
108 111.2 89.3 129.3





#63

Azobenzene

Concen: 53.244 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

Tot Ion: 77 Resp: 609232

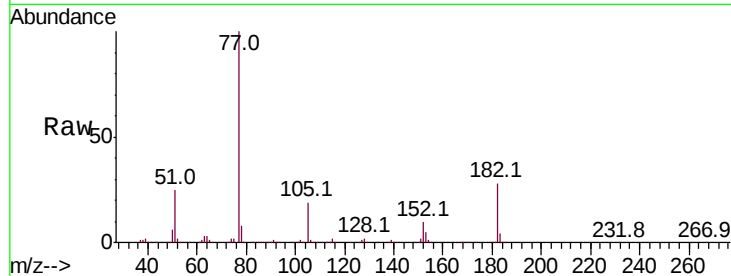
Ion Ratio Lower Upper

77 100

182 27.6 6.5 46.5

105 19.0 0.0 37.9

51 24.7 4.1 44.1

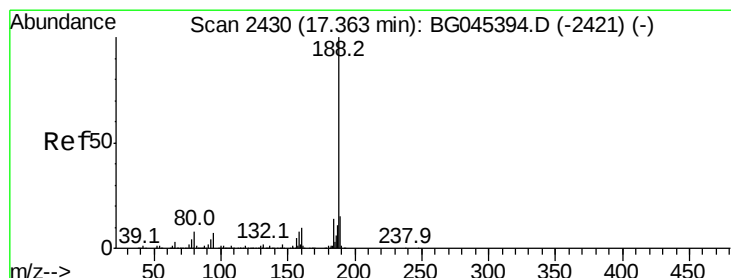
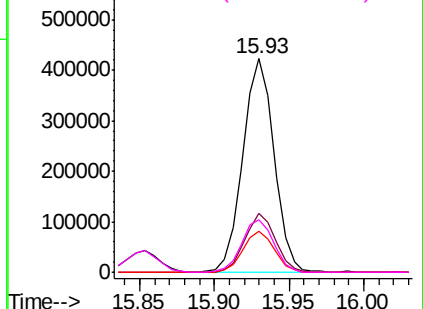
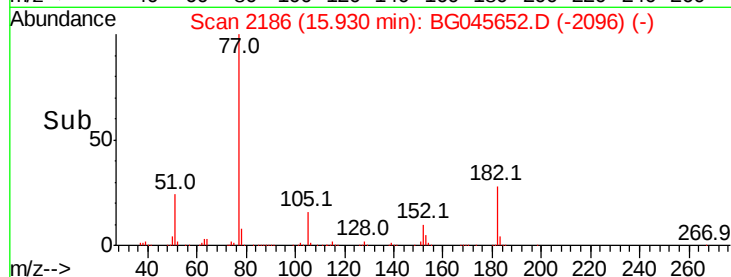


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2427

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

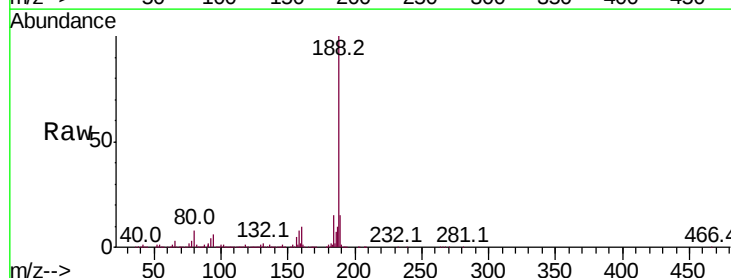
Tgt Ion: 188 Resp: 404959

Ion Ratio Lower Upper

188 100

94 6.3 5.5 8.3

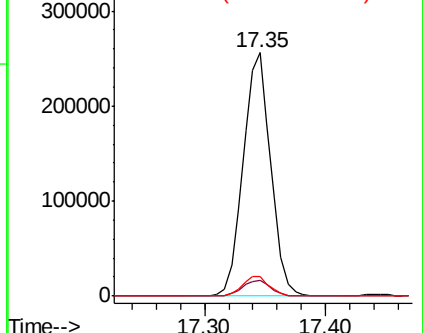
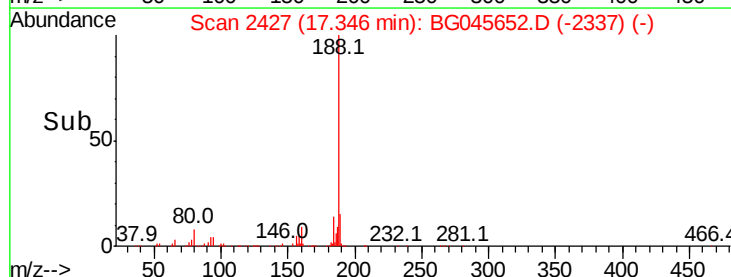
80 8.3 6.6 10.0

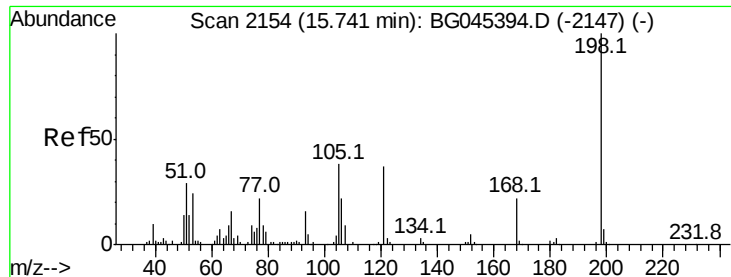


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 53.669 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

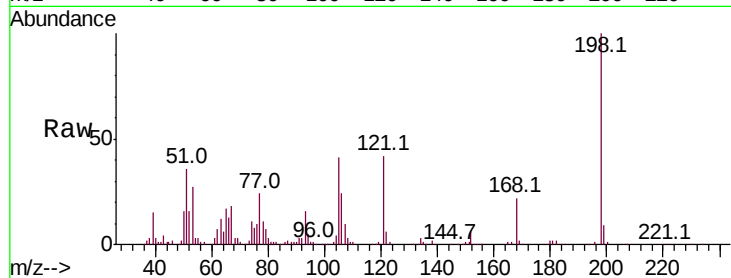
Tot Ion:198 Resp: 126577

Ion Ratio Lower Upper

198 100

51 36.5 10.0 50.0

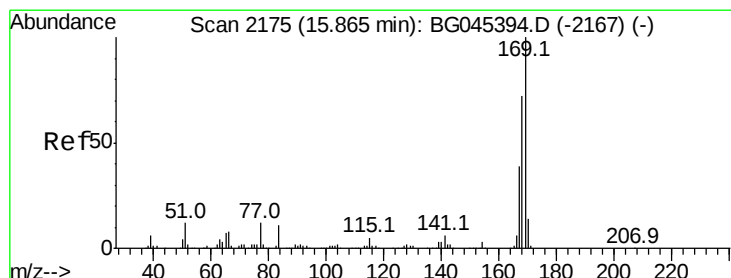
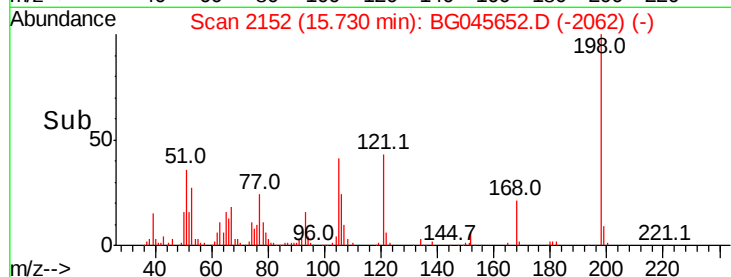
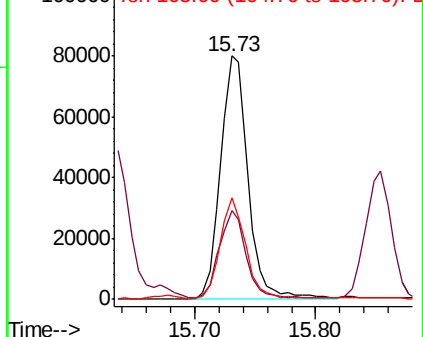
105 41.5 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 55.067 ng

RT: 15.85 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

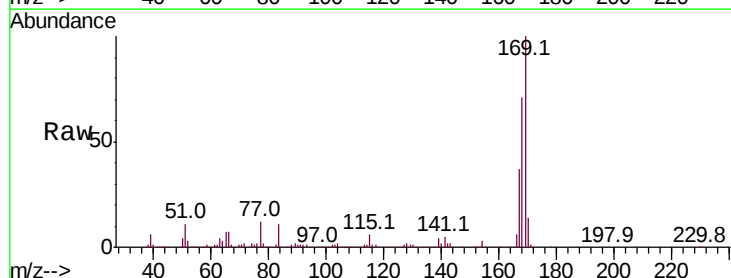
Tgt Ion:169 Resp: 535418

Ion Ratio Lower Upper

169 100

168 70.8 57.8 86.6

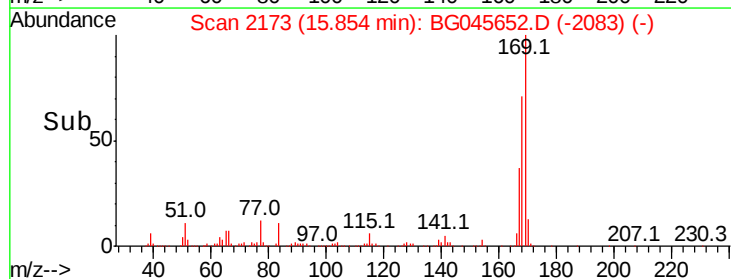
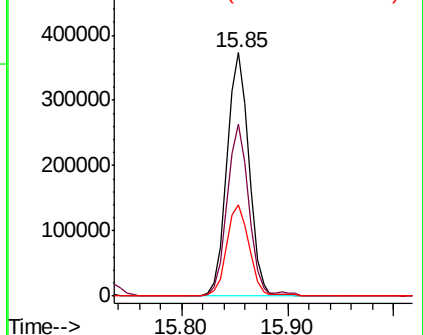
167 37.4 31.5 47.3

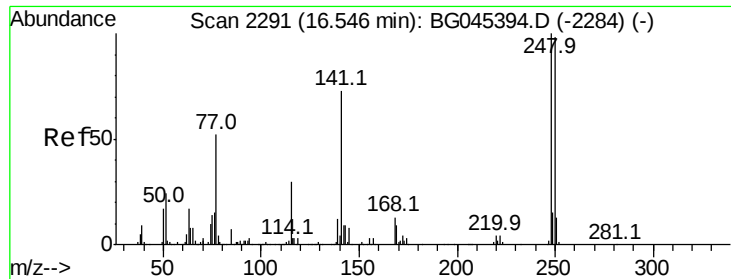


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

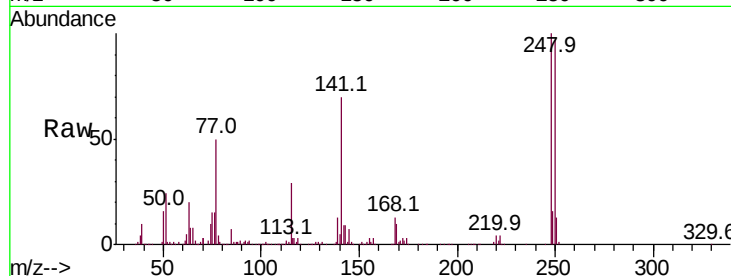




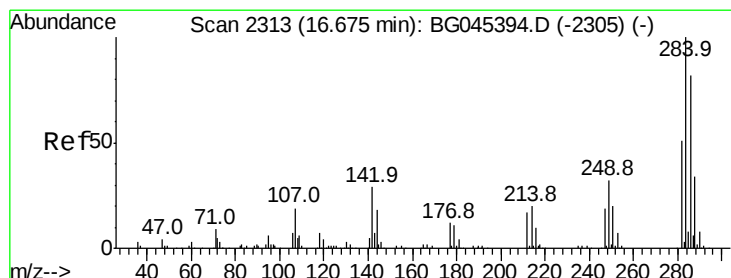
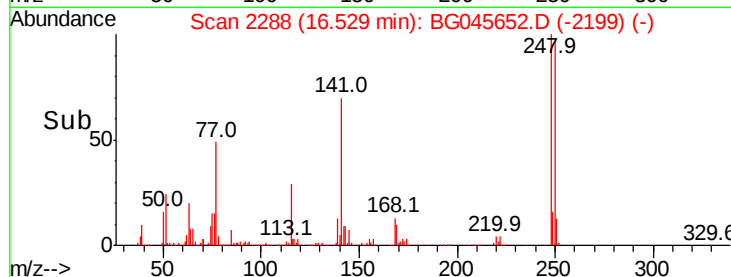
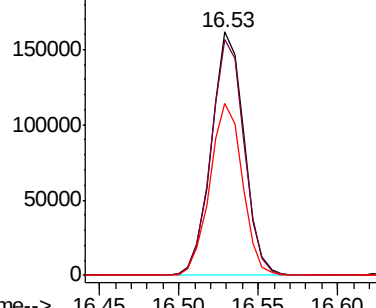
#67
4-Bromophenyl-phenylether
Concen: 52.705 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion:248 Resp: 231113
Ion Ratio Lower Upper
248 100
250 96.7 78.6 117.8
141 70.5 58.2 87.2

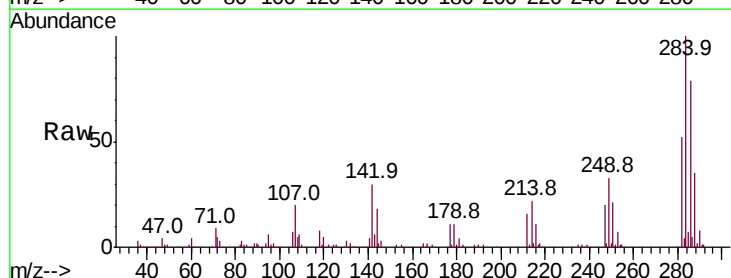


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

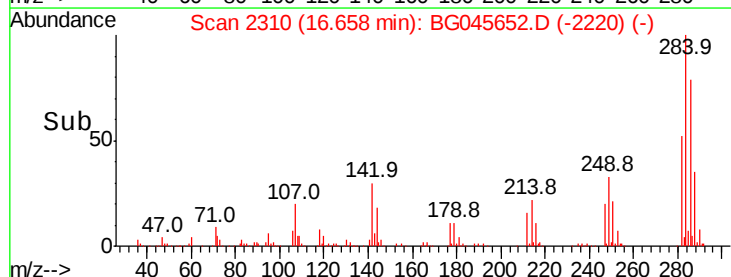
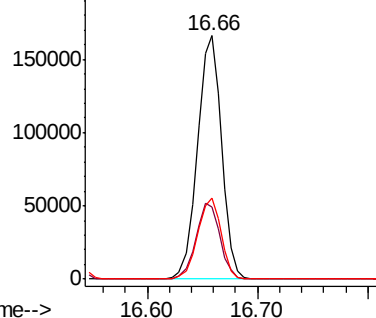


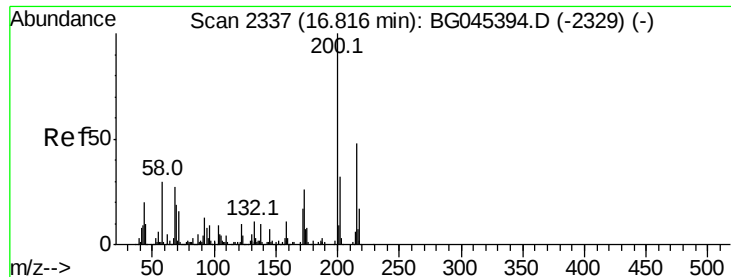
#68
Hexachlorobenzene
Concen: 55.192 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion:284 Resp: 253131
Ion Ratio Lower Upper
284 100
142 29.7 23.0 34.6
249 33.1 25.8 38.6



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





#69

Atrazine

Concen: 51.412 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

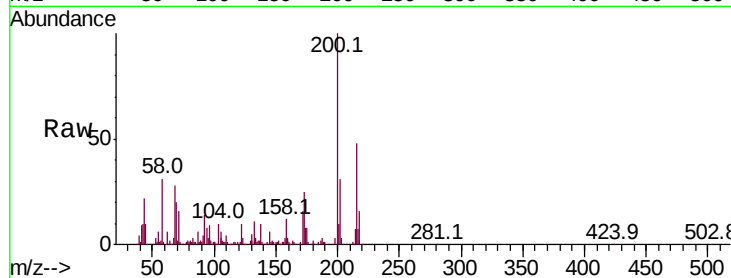
Tot Ion:200 Resp: 205895

Ion Ratio Lower Upper

200 100

173 24.6 5.5 45.5

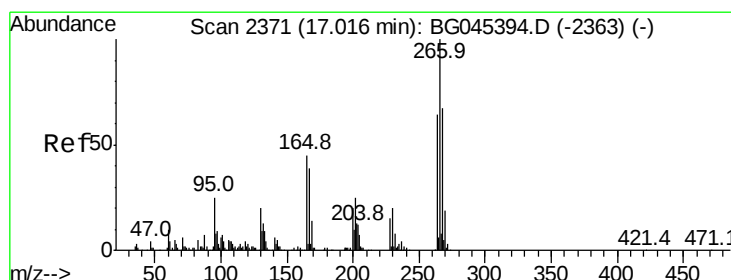
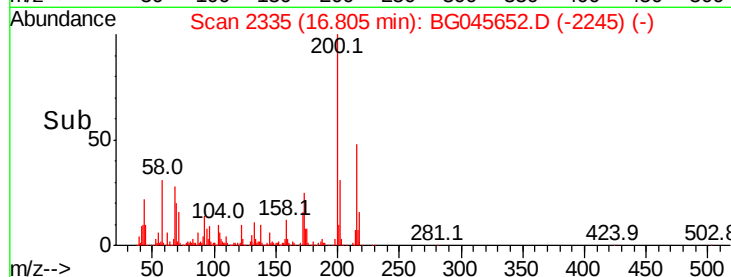
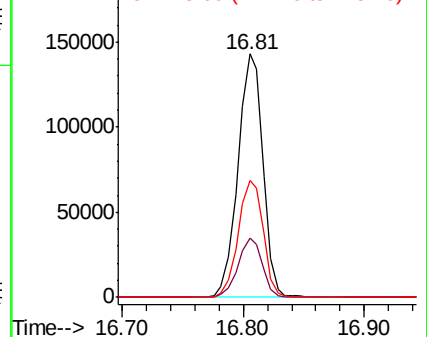
215 47.9 28.2 68.2



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: 100.627 ng

RT: 17.00 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

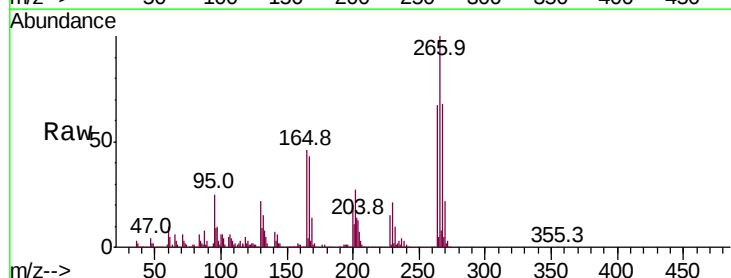
Tgt Ion:266 Resp: 239637

Ion Ratio Lower Upper

266 100

268 67.8 53.2 79.8

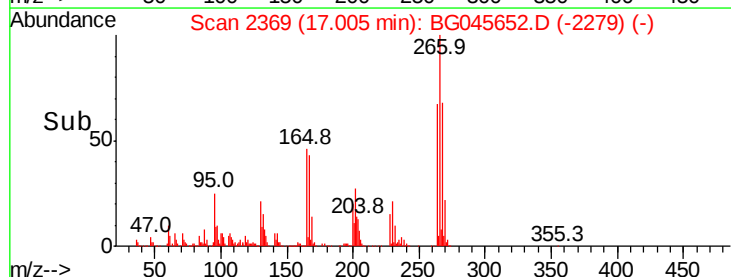
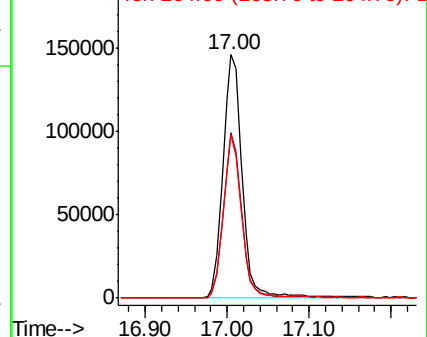
264 67.1 51.0 76.4

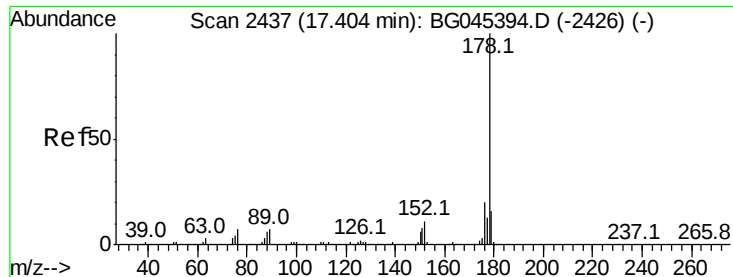


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

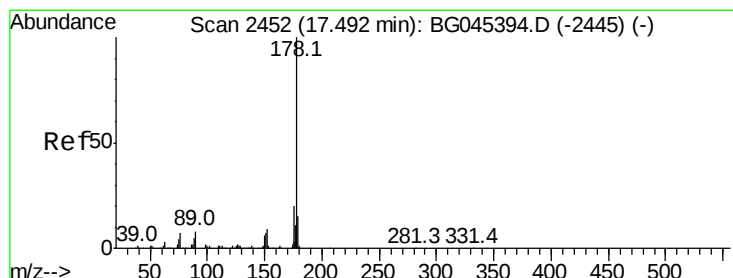
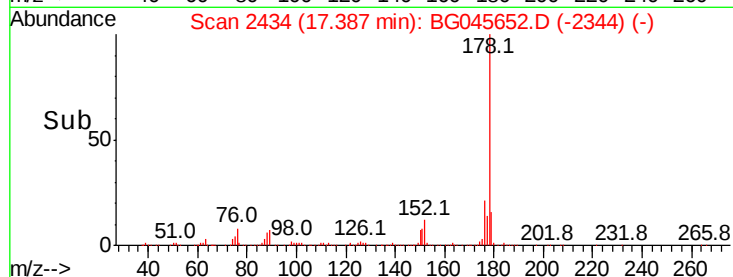
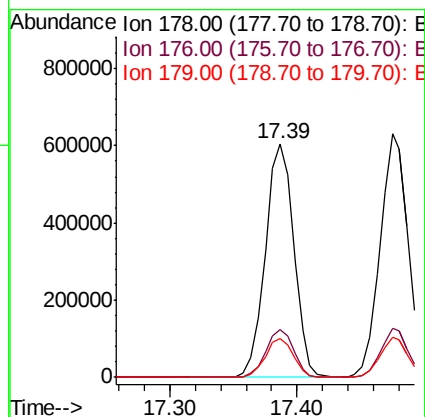
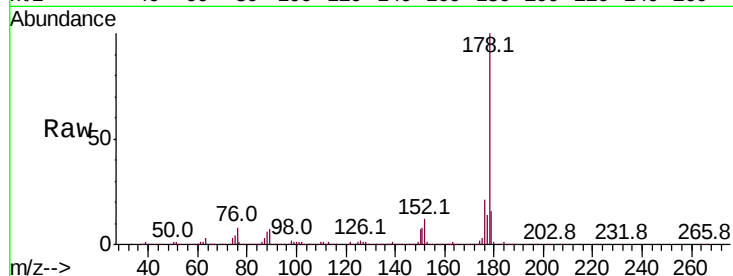




#71
Phenanthrene
Concen: 53.629 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

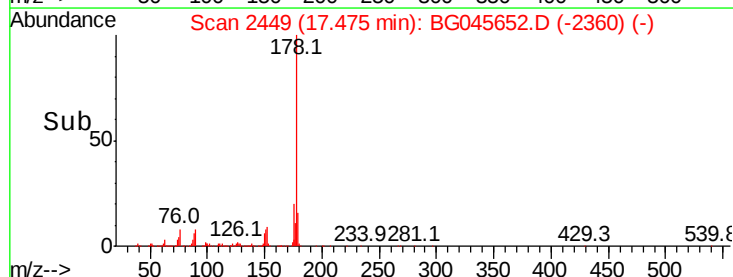
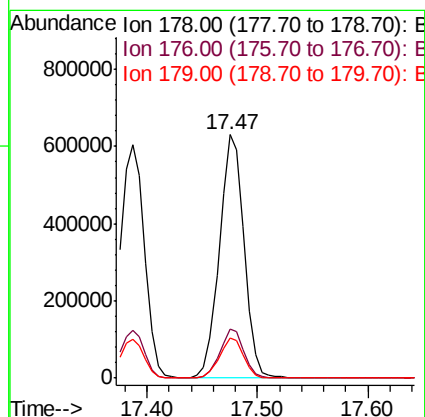
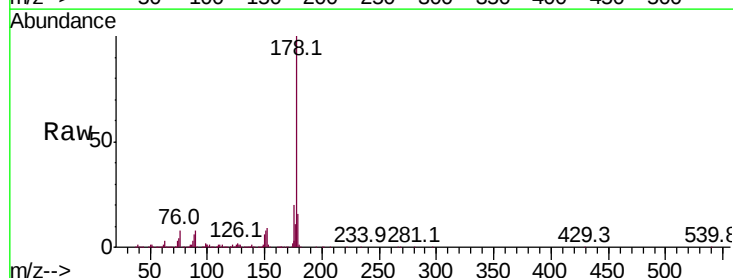
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

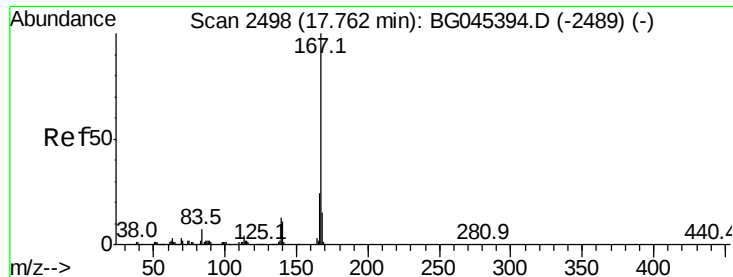
Tot Ion:178 Resp: 948094
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.5 13.1 19.7



#72
Anthracene
Concen: 54.792 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion:178 Resp: 972758
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.4 12.2 18.4





#73

Carbazole

Concen: 51.910 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

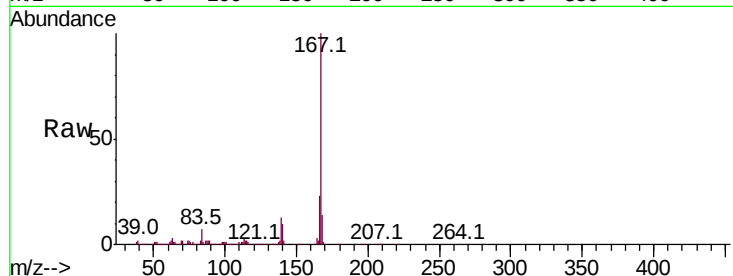
Tot Ion:167 Resp: 898321

Ion Ratio Lower Upper

167 100

166 23.2 19.2 28.8

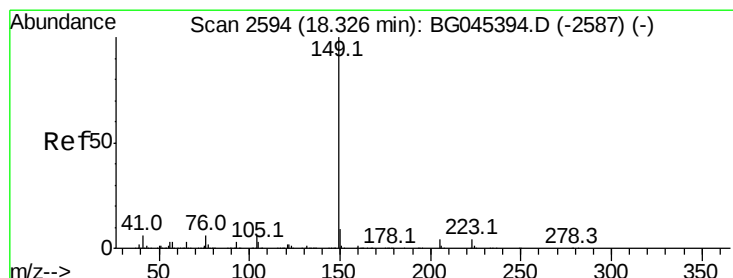
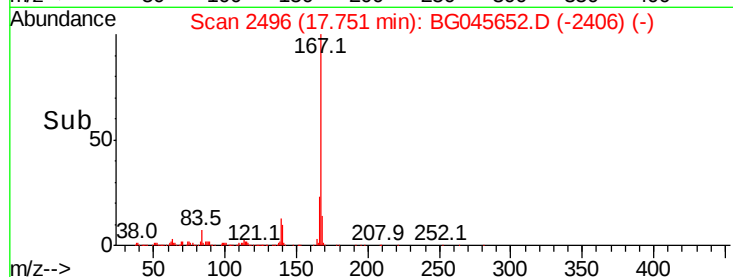
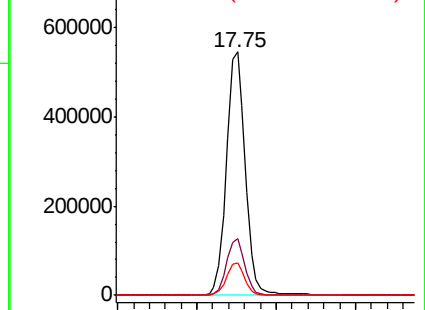
139 13.1 10.6 16.0



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: 50.939 ng

RT: 18.31 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

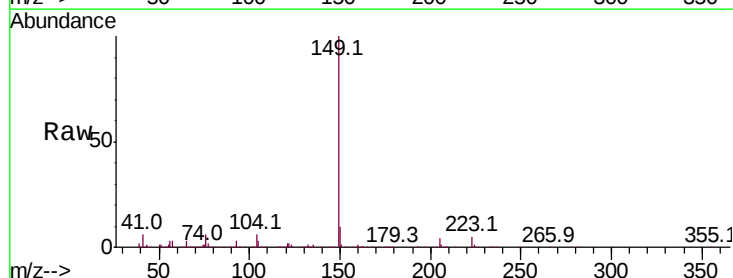
Tgt Ion:149 Resp: 1058057

Ion Ratio Lower Upper

149 100

150 10.2 7.6 11.4

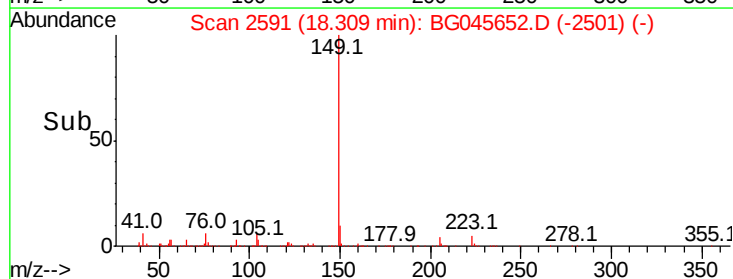
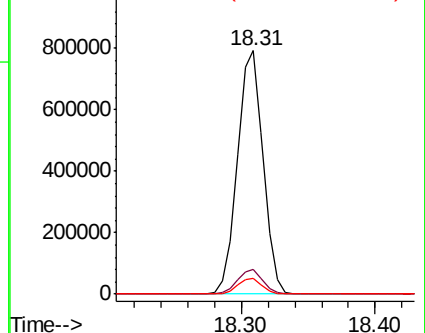
104 6.3 5.0 7.4

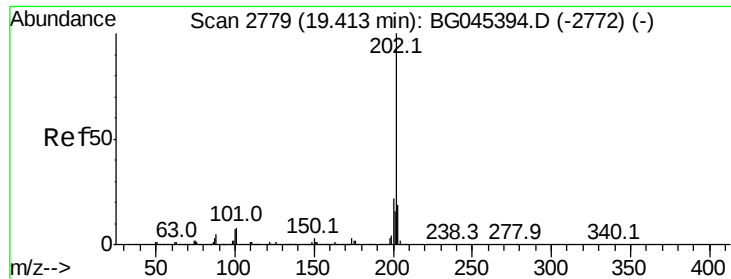


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 51.614 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

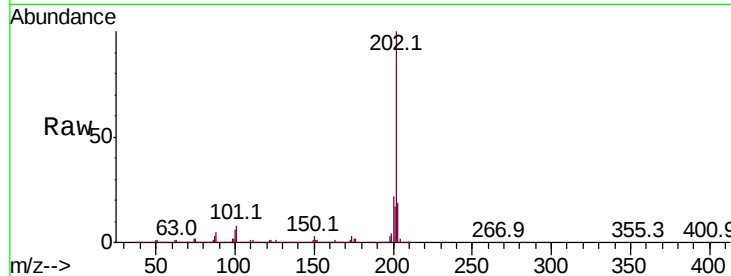
Tot Ion:202 Resp: 1160595

Ion Ratio Lower Upper

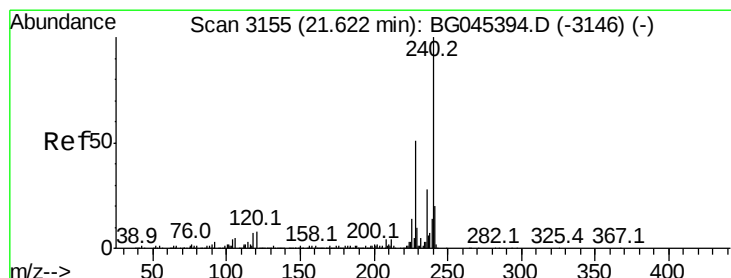
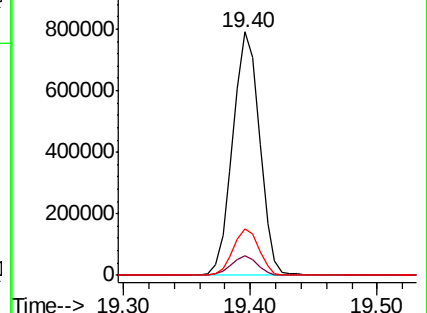
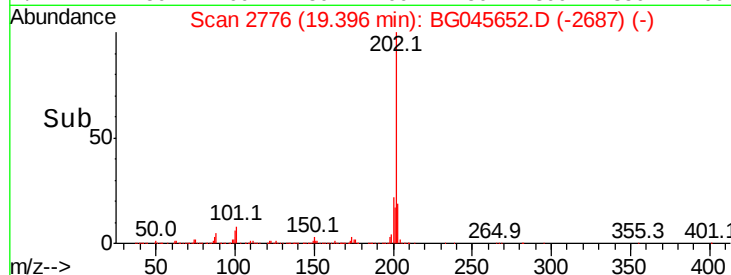
202 100

101 7.9 0.0 28.3

203 18.9 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

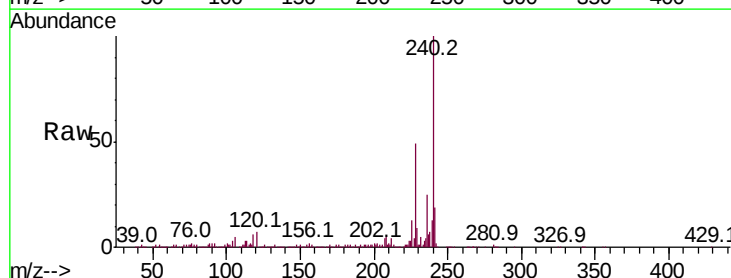
Tgt Ion:240 Resp: 375705

Ion Ratio Lower Upper

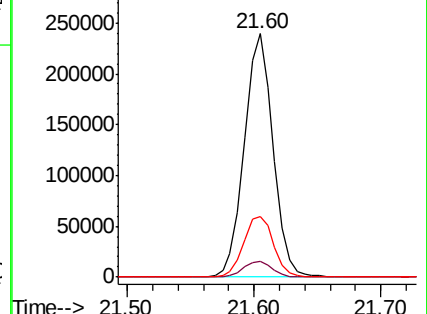
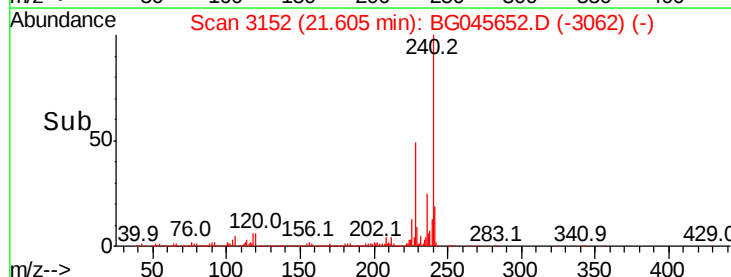
240 100

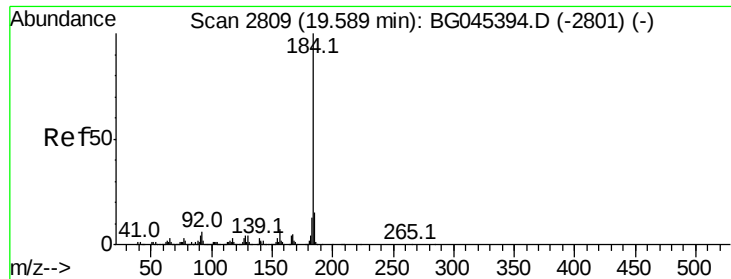
120 6.7 6.1 9.1

236 24.8 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.161 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

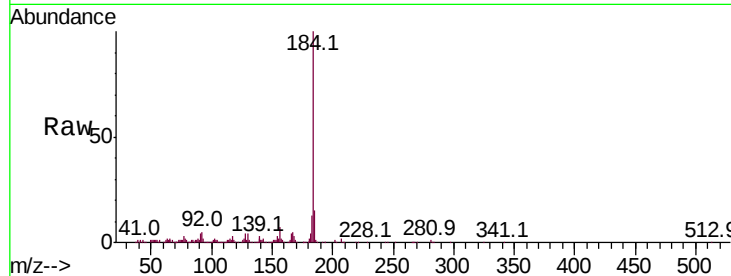
Tot Ion:184 Resp: 223284

Ion Ratio Lower Upper

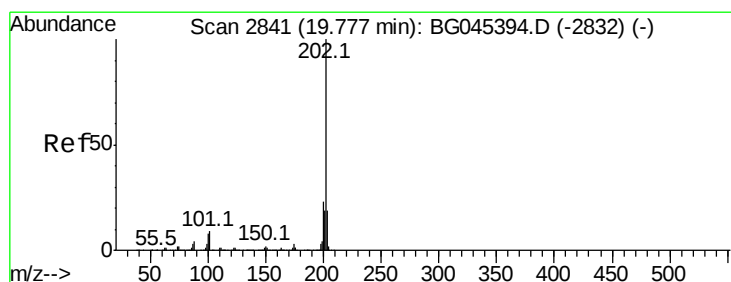
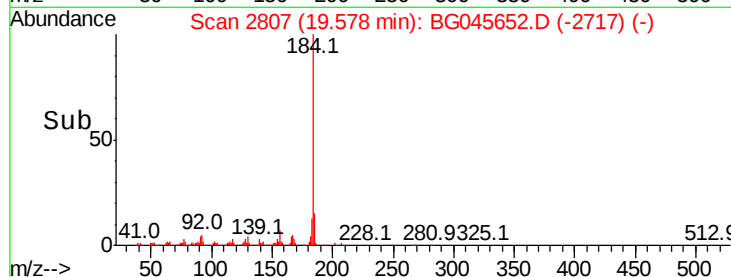
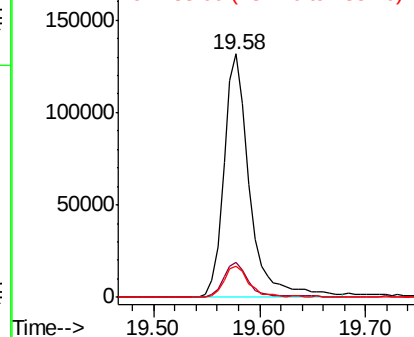
184 100

185 14.5 11.7 17.5

183 12.9 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: 54.200 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

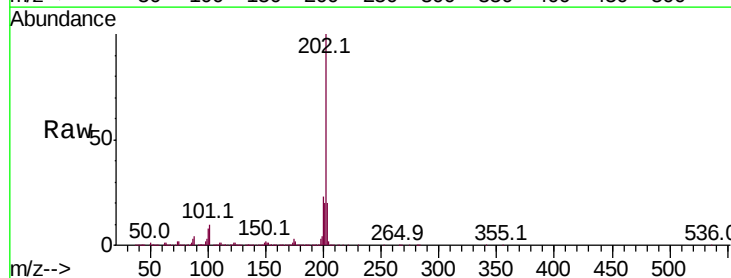
Tgt Ion:202 Resp: 1160784

Ion Ratio Lower Upper

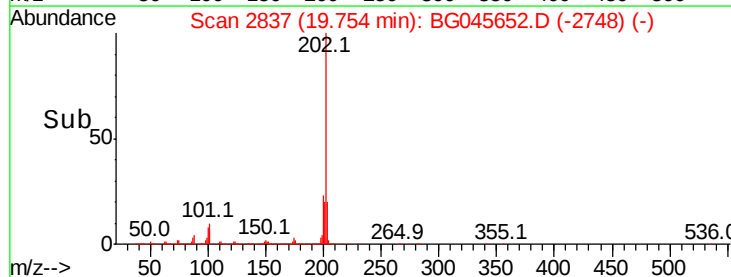
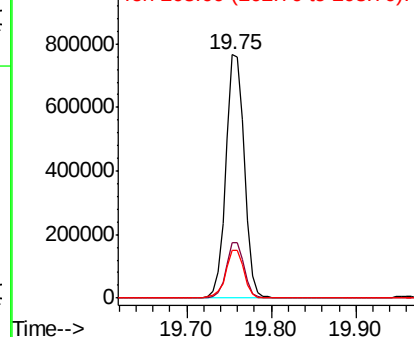
202 100

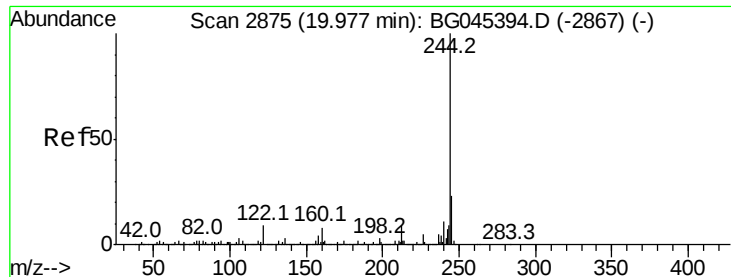
200 22.5 18.2 27.2

203 19.7 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: 109.599 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

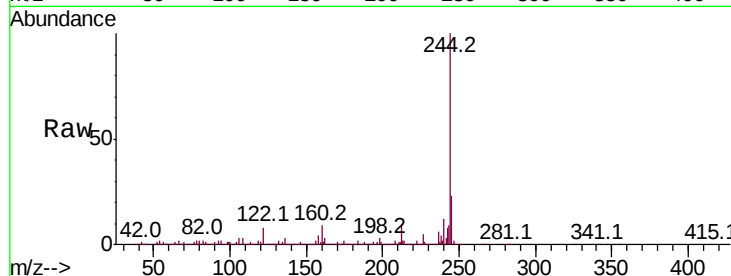
Tot Ion:244 Resp: 1765499

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

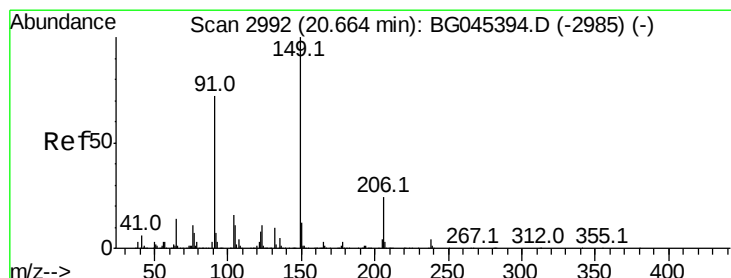
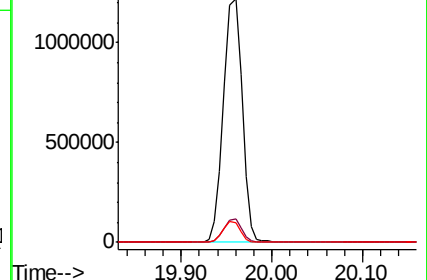
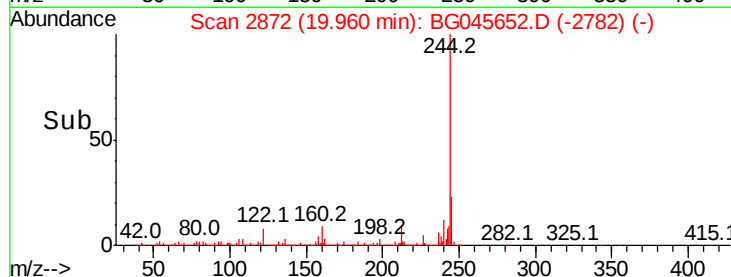
122 7.9 6.8 10.2



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: 51.872 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

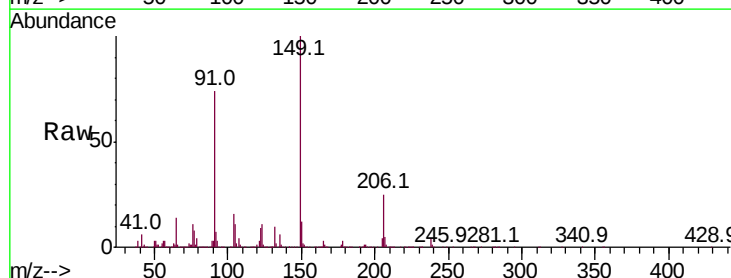
Tgt Ion:149 Resp: 479509

Ion Ratio Lower Upper

149 100

91 74.0 57.8 86.6

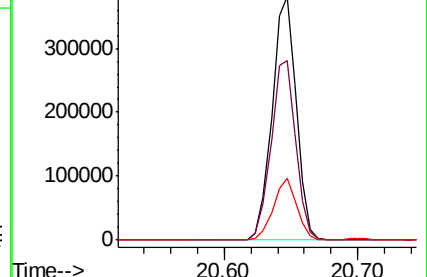
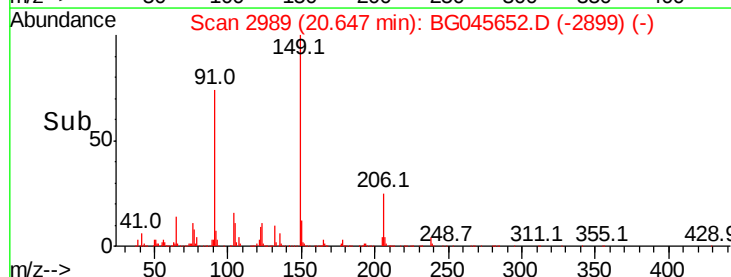
206 25.2 19.1 28.7

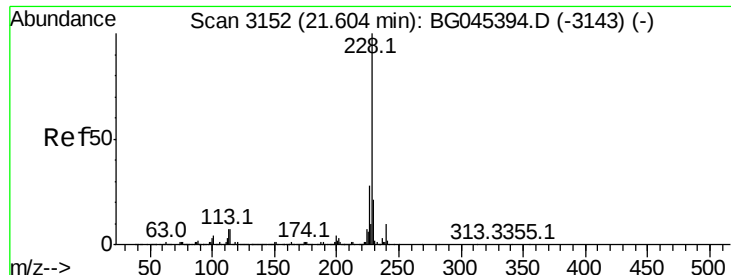


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

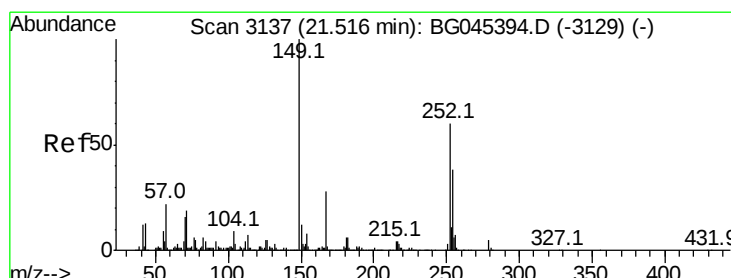
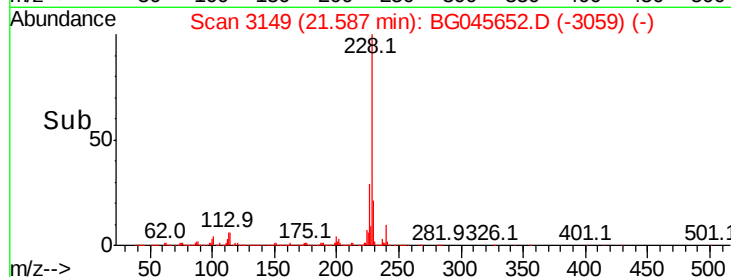
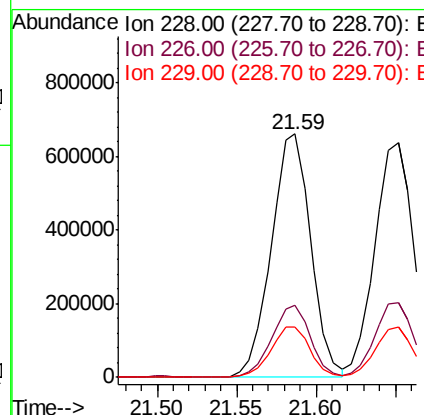
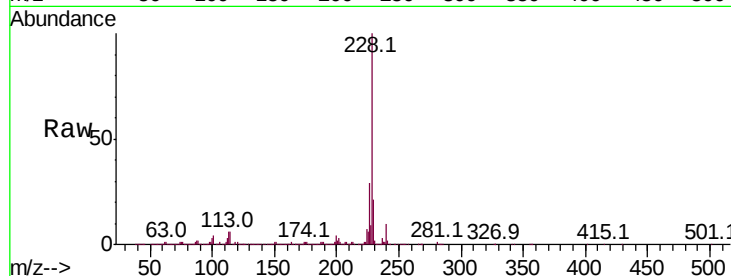




#81
Benzo(a)anthracene
Concen: 54.497 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

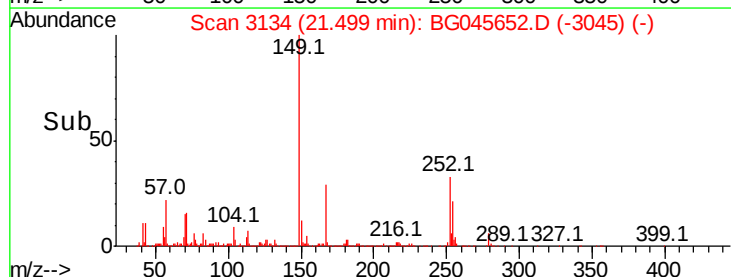
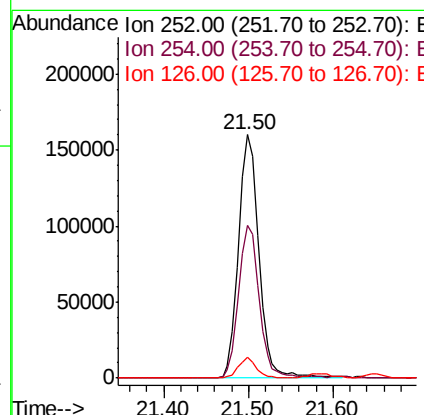
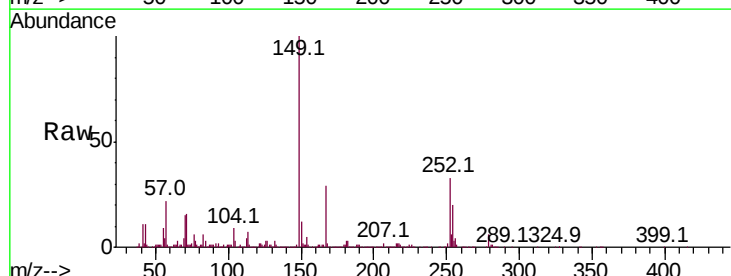
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

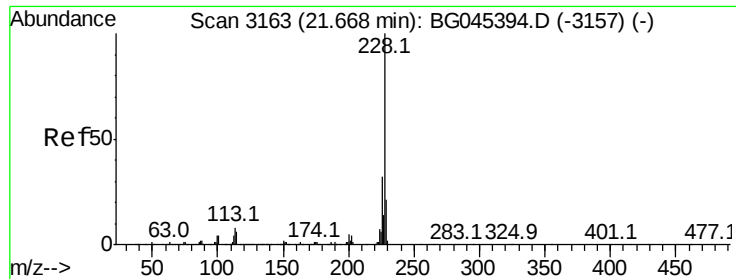
Tot Ion:228 Resp: 1140575
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 20.5 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 32.202 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion:252 Resp: 264368
Ion Ratio Lower Upper
252 100
254 62.9 51.3 76.9
126 8.5 6.6 10.0





#83

Chrysene

Concen: 53.844 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

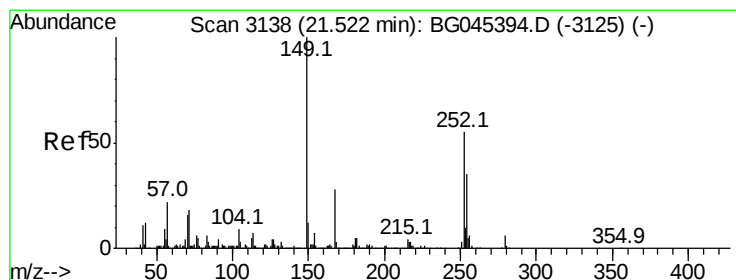
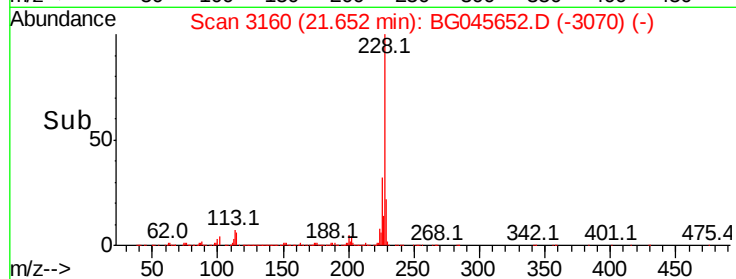
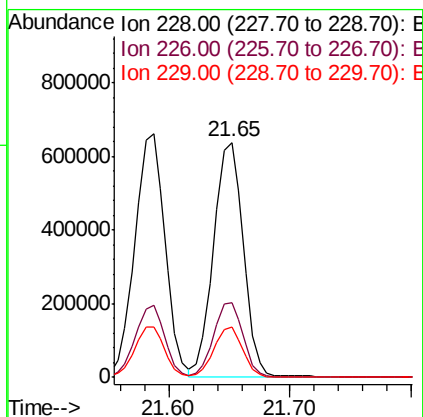
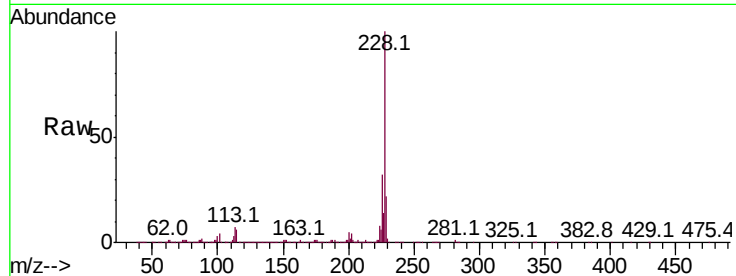
Tot Ion:228 Resp: 1083573

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.2	37.8
229	21.6	16.7	25.1

228 100

226 32.0 25.2 37.8

229 21.6 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.148 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

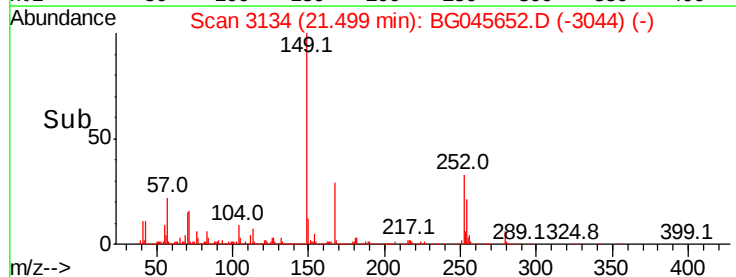
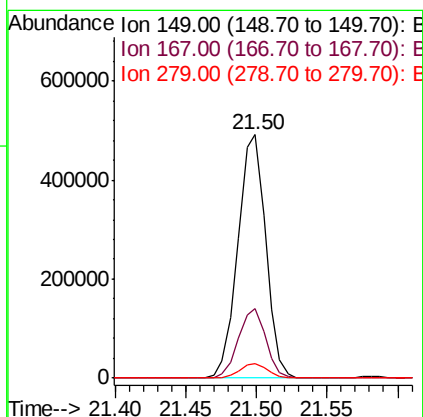
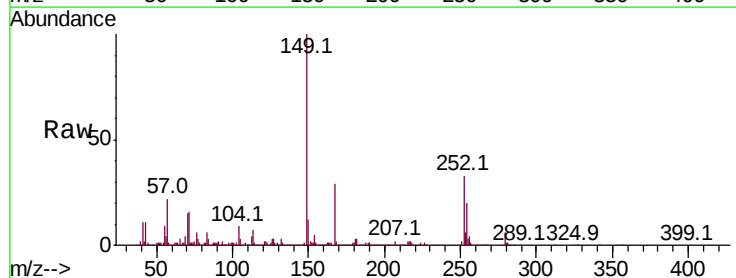
Tgt Ion:149 Resp: 675370

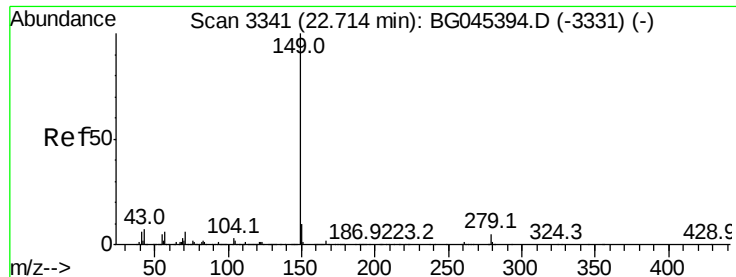
Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.2	33.2
279	5.8	4.7	7.1

149 100

167 28.8 22.2 33.2

279 5.8 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 51.646 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

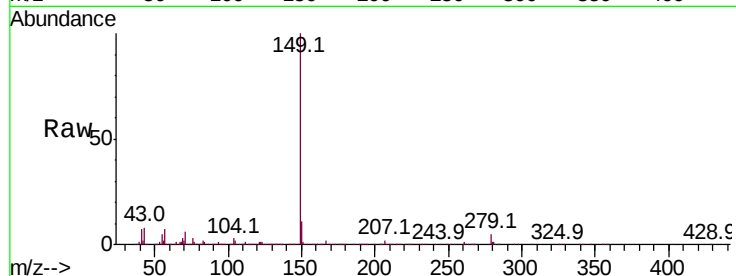
Tot Ion:149 Resp: 1127178

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

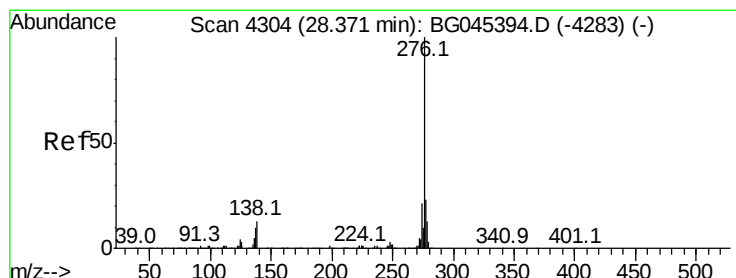
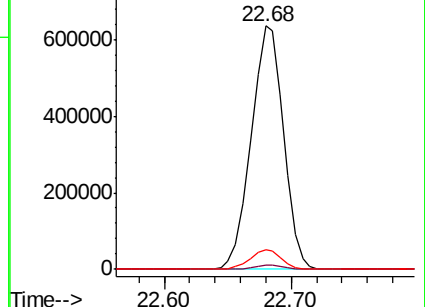
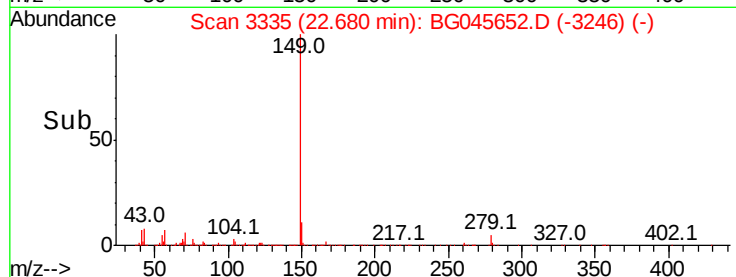
43 7.4 5.8 8.8



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.630 ng

RT: 28.33 min Scan# 4297

Delta R.T. 0.01 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

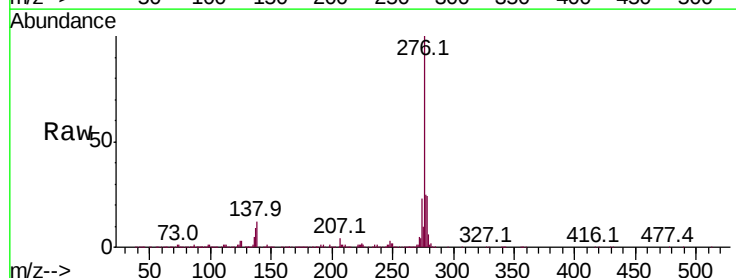
Tgt Ion:276 Resp: 1411320

Ion Ratio Lower Upper

276 100

138 14.0 8.6 12.8#

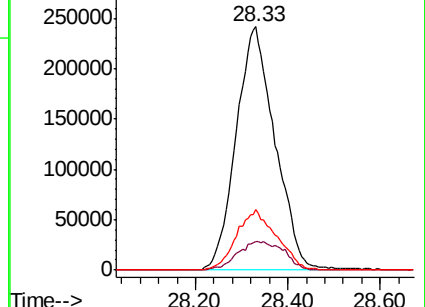
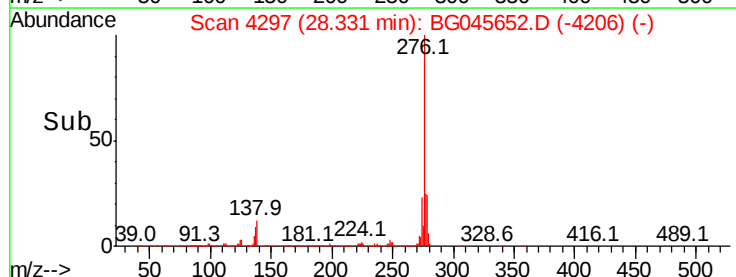
277 25.5 20.2 30.4

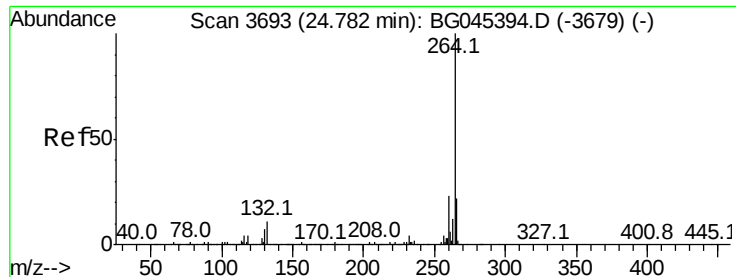


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3687

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MSD

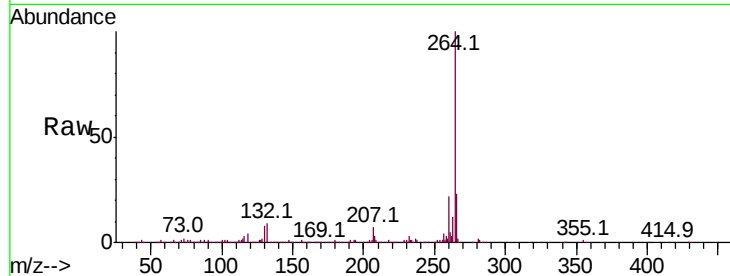
Tot Ion:264 Resp: 404401

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

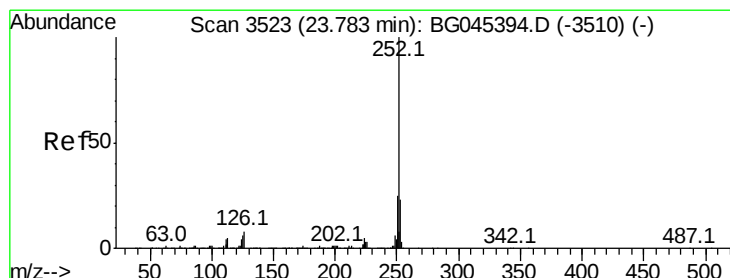
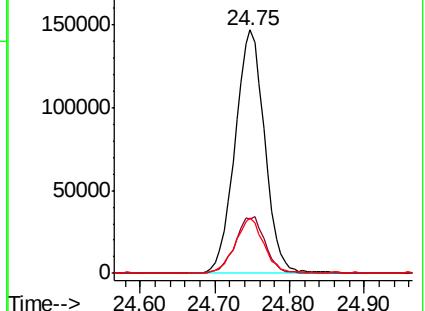
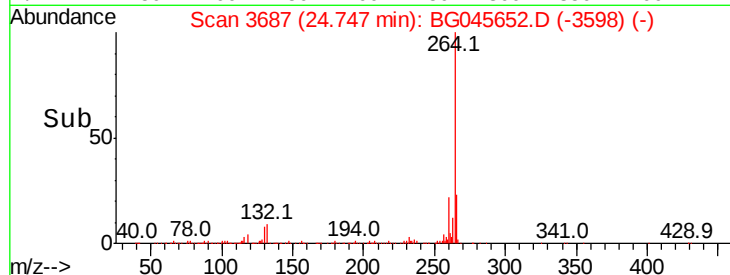
265 23.0 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 55.687 ng

RT: 23.75 min Scan# 3518

Delta R.T. -0.00 min

Lab File: BG045652.D

Acq: 8 Jun 2020 21:36

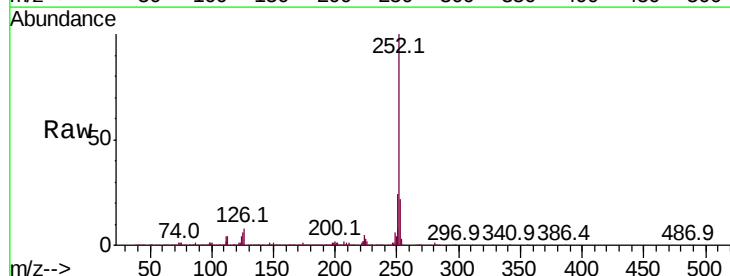
Tgt Ion:252 Resp: 1207773

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

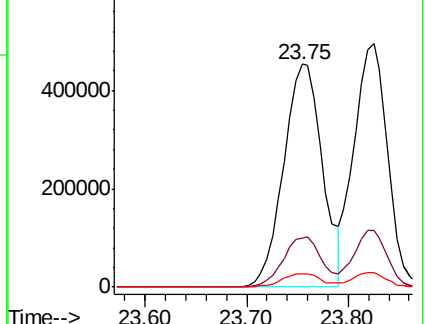
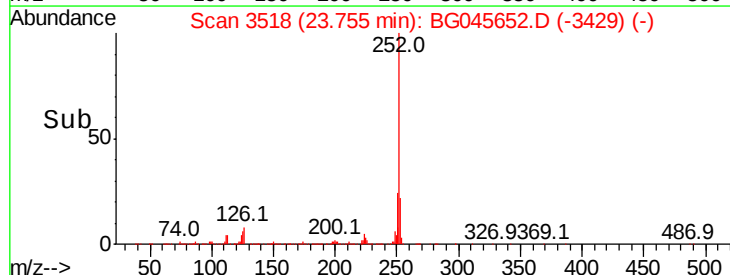
125 5.8 5.0 7.6

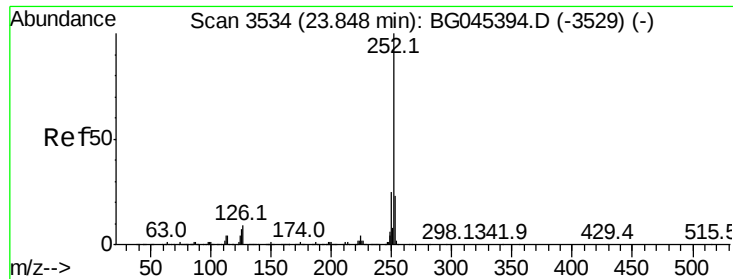


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

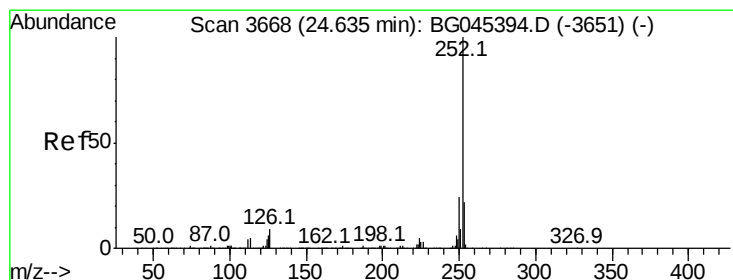
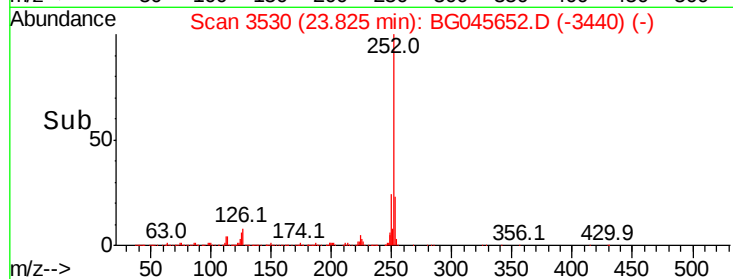
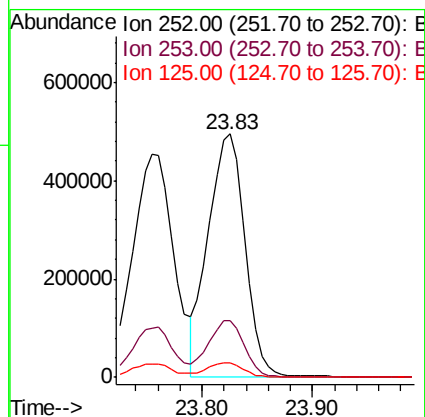
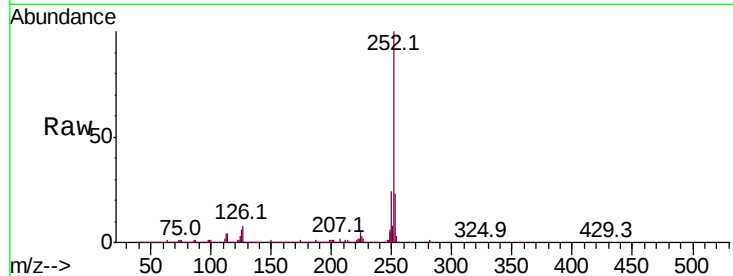




#89
Benzo(k)fluoranthene
Concen: 55.774 ng
RT: 23.83 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

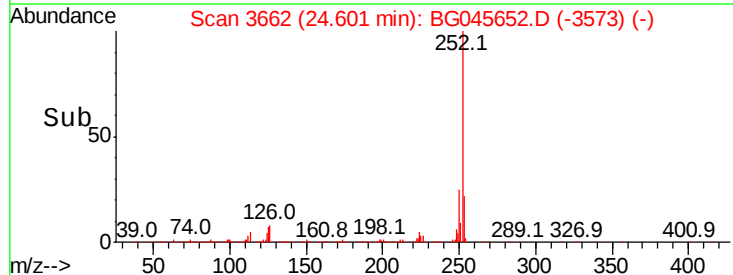
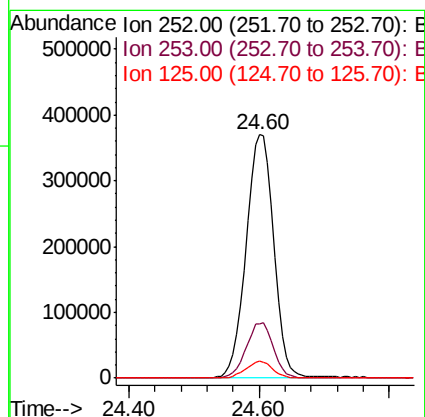
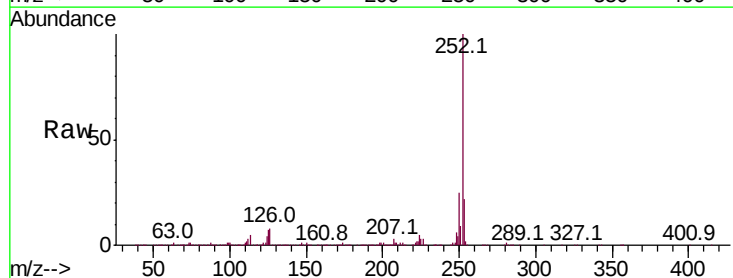
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

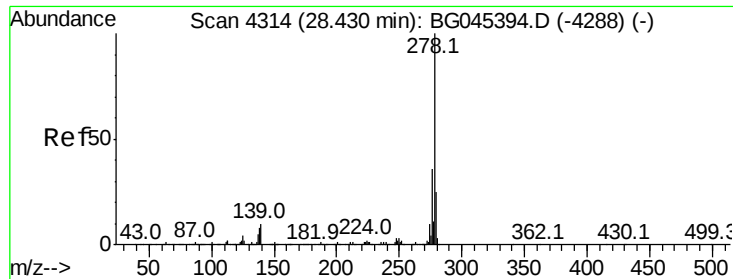
Tot Ion:252 Resp: 1136455
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 6.0 5.7 8.5



#90
Benzo(a)pyrene
Concen: 54.079 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion:252 Resp: 1092342
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 7.0 5.0 7.6



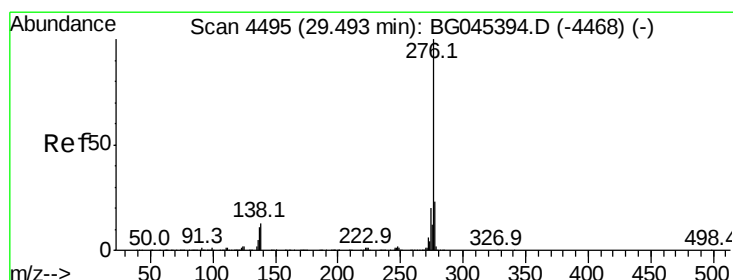
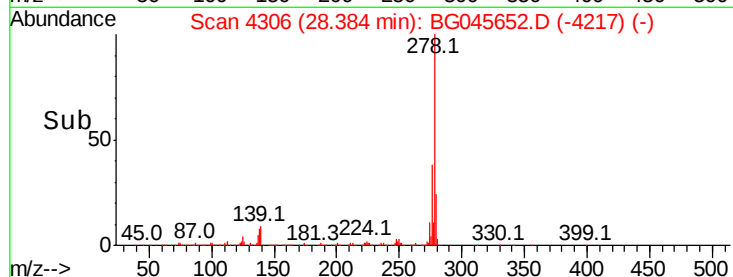
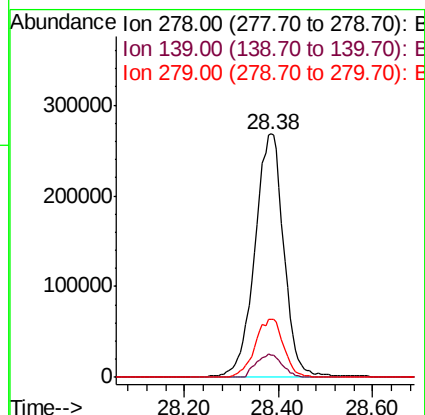
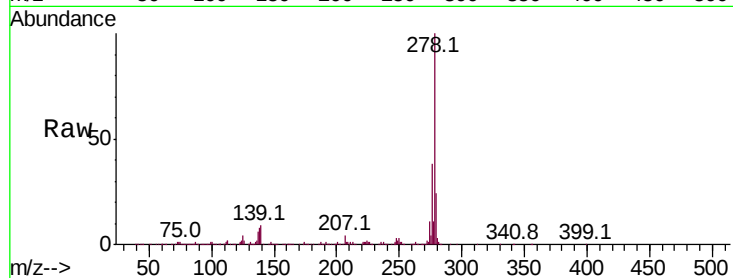


#91
Dibenzo(a,h)anthracene
Concen: 56.804 ng
RT: 28.38 min Scan# 4306
Delta R.T. -0.00 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Tot Ion:278 Resp: 1153011

Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.8	11.8
279	24.0	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 57.731 ng
RT: 29.45 min Scan# 4487
Delta R.T. 0.01 min
Lab File: BG045652.D
Acq: 8 Jun 2020 21:36

Tgt Ion:276 Resp: 1171985

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.1	27.1
138	11.3	10.2	15.4

