

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045584.D
 Acq On : 3 Jun 2020 16:59
 Operator : CG/JU
 Sample : PB129260BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 17:35:02 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	59942	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	244665	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	177689	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	426779	20.00	ng	0.00
76) Chrysene-d12	21.61	240	390188	20.00	ng	0.00
87) Perylene-d12	24.76	264	433134	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	484126	157.84	ng	0.00
7) Phenol-d6	7.15	99	679218	155.59	ng	0.00
23) Nitrobenzene-d5	9.11	82	438912	97.83	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	339952	149.60	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	994970	94.98	ng	0.00
79) Terphenyl-d14	19.96	244	1742033	104.13	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	62994	41.417	ng	96
3) Pyridine	3.80	79	144717	34.163	ng	93
4) n-Nitrosodimethylamine	3.72	42	65504	47.256	ng	99
6) Aniline	7.28	93	183251	32.156	ng	98
8) 2-Chlorophenol	7.53	128	177042	52.635	ng	99
9) Benzaldehyde	7.08	77	114396	40.220	ng	95
10) Phenol	7.18	94	232906	51.765	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	164095	46.758	ng	97
12) 1,3-Dichlorobenzene	7.84	146	189271	46.825	ng	98
13) 1,4-Dichlorobenzene	7.99	146	191569	48.025	ng	98
14) 1,2-Dichlorobenzene	8.30	146	179524	46.793	ng	96
15) Benzyl Alcohol	8.20	79	182025	50.474	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	151818	45.574	ng	97
17) 2-Methylphenol	8.42	107	158434	47.046	ng	94
18) Hexachloroethane	9.04	117	72753	47.621	ng	88
19) n-Nitroso-di-n-propylamine	8.76	70	147956	49.011	ng	99
20) 3+4-Methylphenols	8.75	107	216580	47.227	ng	89
22) Acetophenone	8.77	105	269165	46.417	ng	# 98
24) Nitrobenzene	9.16	77	223292	46.452	ng	97
25) Isophorone	9.68	82	408763	46.261	ng	99
26) 2-Nitrophenol	9.87	139	101931	49.569	ng	92
27) 2,4-Dimethylphenol	9.95	122	167051	54.773	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	226516	48.883	ng	94
29) 2,4-Dichlorophenol	10.42	162	183504	50.951	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	201643	47.381	ng	98
31) Naphthalene	10.81	128	533365	46.781	ng	99
32) Benzoic acid	10.12	122	101849	48.871	ng	93
33) 4-Chloroaniline	10.92	127	85307	17.900	ng	96
34) Hexachlorobutadiene	11.10	225	137667	45.763	ng	96
35) Caprolactam	11.69	113	38559	29.168	ng	98
36) 4-Chloro-3-methylphenol	12.08	107	210212	51.797	ng	96
37) 2-Methylnaphthalene	12.42	142	404687	47.623	ng	96
38) 1-Methylnaphthalene	12.42	142	404687	50.414	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	234128	47.174	ng	99

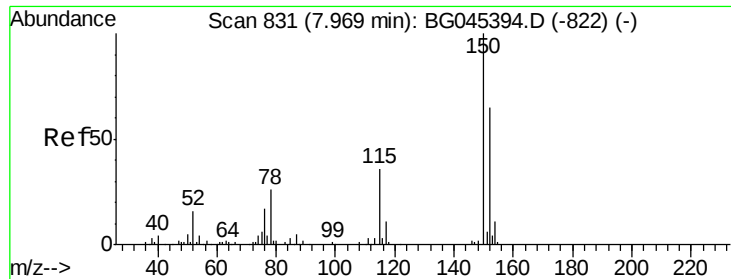
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045584.D
 Acq On : 3 Jun 2020 16:59
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	289793	101.162	ng	98
43) 2,4,6-Trichlorophenol	13.04	196	164059	47.585	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	173937	44.148	ng	98
46) 1,1'-Biphenyl	13.43	154	530104	48.552	ng	99
47) 2-Chloronaphthalene	13.47	162	399046	45.009	ng	99
48) 2-Nitroaniline	13.68	65	136842	46.921	ng	91
49) Acenaphthylene	14.32	152	678496	47.644	ng	99
50) Dimethylphthalate	14.05	163	565893	46.425	ng	99
51) 2,6-Dinitrotoluene	14.17	165	129246	46.990	ng	98
52) Acenaphthene	14.66	154	396276	41.570	ng	98
53) 3-Nitroaniline	14.51	138	68235	24.404	ng	94
54) 2,4-Dinitrophenol	14.71	184	146365	81.149	ng	94
55) Dibenzofuran	15.00	168	657996	46.481	ng	98
56) 4-Nitrophenol	14.85	139	193926	91.610	ng	87
57) 2,4-Dinitrotoluene	14.97	165	187375	47.038	ng	98
58) Fluorene	15.65	166	546873	47.023	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	167410	48.298	ng	100
60) Diethylphthalate	15.42	149	595423	46.931	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	305197	45.859	ng	99
62) 4-Nitroaniline	15.68	138	129033	44.205	ng	95
63) Azobenzene	15.93	77	557307	47.110	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	118657	47.739	ng	96
66) n-Nitrosodiphenylamine	15.86	169	496153	48.420	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	211740	45.818	ng	99
68) Hexachlorobenzene	16.66	284	230725	47.734	ng	98
69) Atrazine	16.81	200	198689	47.076	ng	98
70) Pentachlorophenol	17.01	266	238277	94.940	ng	99
71) Phenanthrene	17.39	178	898526	48.227	ng	99
72) Anthracene	17.48	178	924254	49.399	ng	99
73) Carbazole	17.75	167	859111	47.106	ng	99
74) Di-n-butylphthalate	18.31	149	1038123	47.424	ng	99
75) Fluoranthene	19.40	202	1145871	48.353	ng	99
77) Benzidine	19.58	184	407477	37.183	ng	98
78) Pyrene	19.76	202	1124828	50.572	ng	99
80) Butylbenzylphthalate	20.65	149	454209	47.311	ng	99
81) Benzo(a)anthracene	21.59	228	1055029	48.538	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	257211	30.167	ng	97
83) Chrysene	21.66	228	1009881	48.319	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	629389	47.691	ng	99
85) Di-n-octyl phthalate	22.69	149	1069044	47.164	ng	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1294662	47.371	ng	# 96
88) Benzo(b)fluoranthene	23.77	252	1108483	47.719	ng	99
89) Benzo(k)fluoranthene	23.83	252	1089178	49.908	ng	99
90) Benzo(a)pyrene	24.61	252	1024248	47.344	ng	98
91) Dibenzo(a,h)anthracene	28.39	278	1059229	48.722	ng	99
92) Benzo(g,h,i)perylene	29.46	276	1081044	49.719	ng	97

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

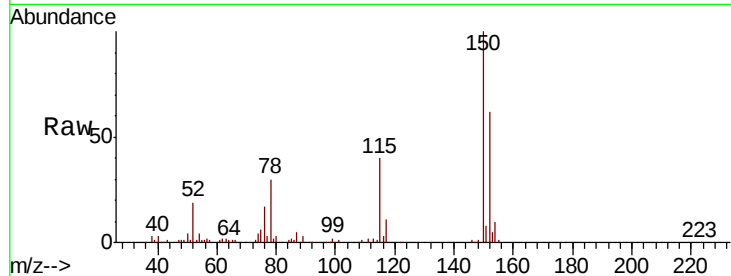


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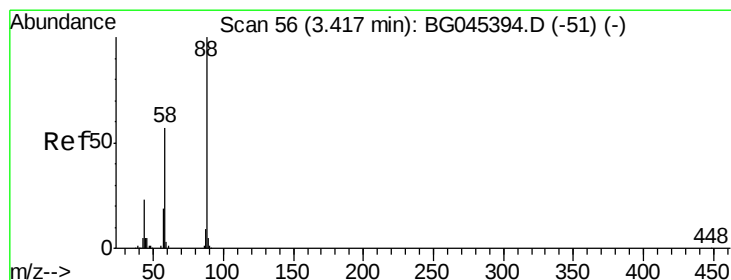
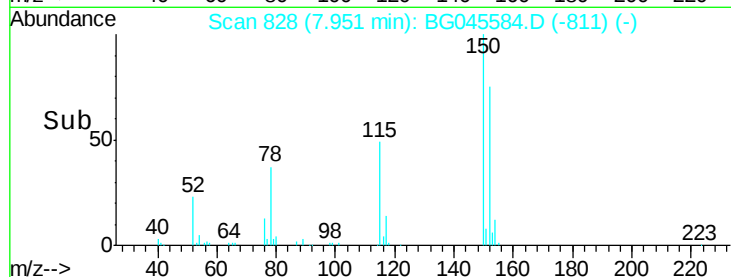
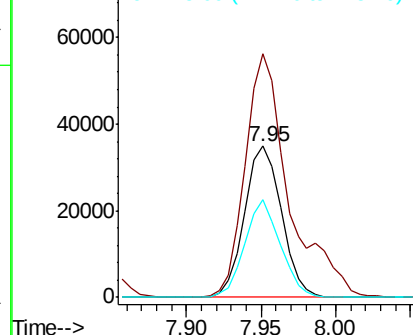
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59942
Ion Ratio Lower Upper
152 100
150 161.4 122.4 183.6
115 65.1 44.2 66.4



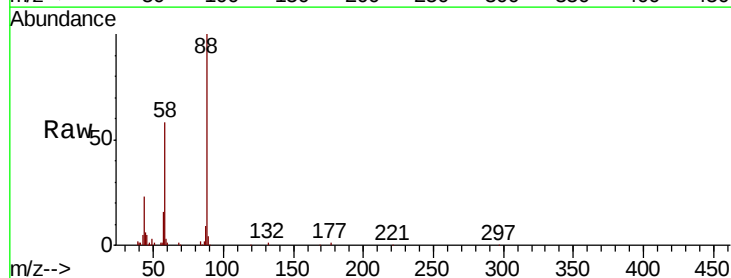
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



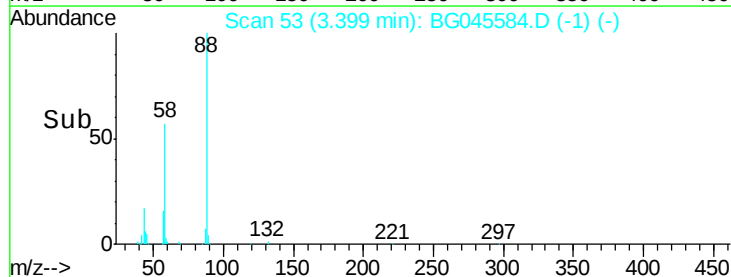
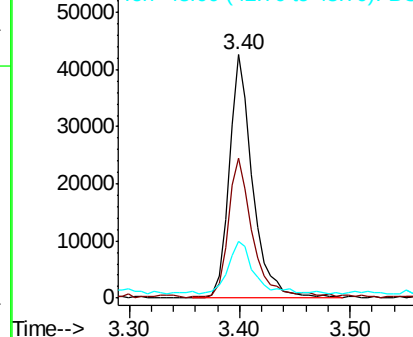
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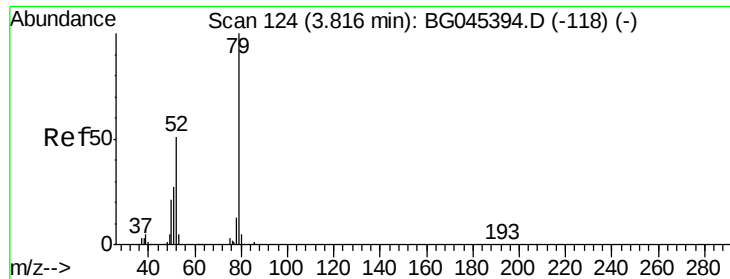
1,4-Dioxane
Concen: 41.417 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion: 88 Resp: 62994
Ion Ratio Lower Upper
88 100
58 59.5 45.7 68.5
43 23.4 16.8 25.2



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





#3

Pvridine

Concen: 34.163 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

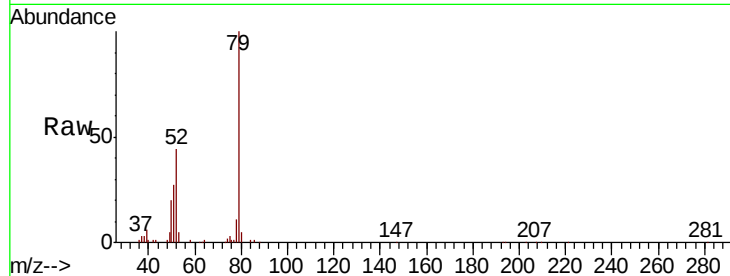
Tot Ion: 79 Resp: 144717

Ion Ratio Lower Upper

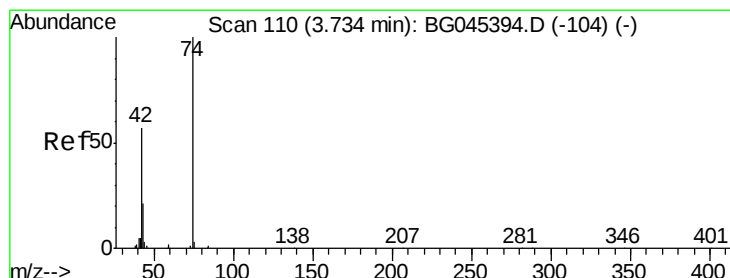
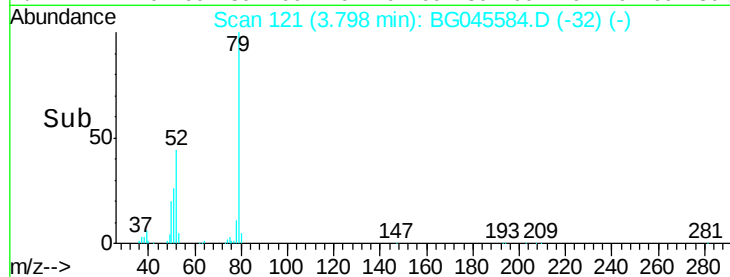
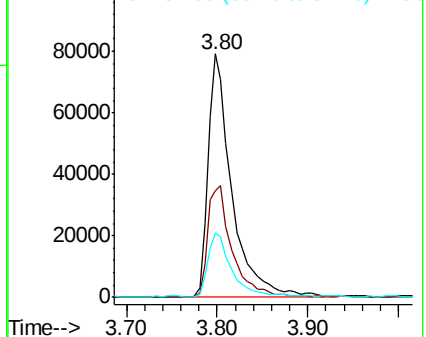
79 100

52 43.9 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: 47.256 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

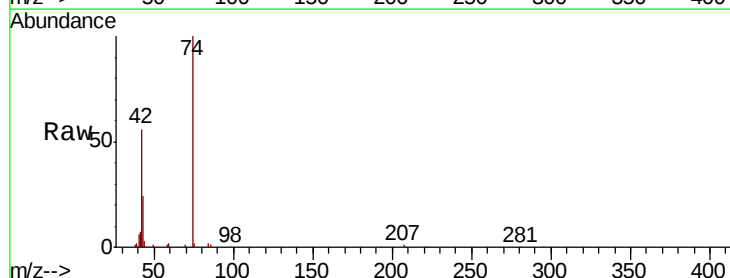
Tgt Ion: 42 Resp: 65504

Ion Ratio Lower Upper

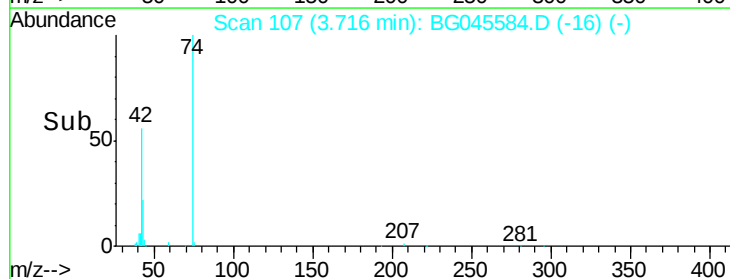
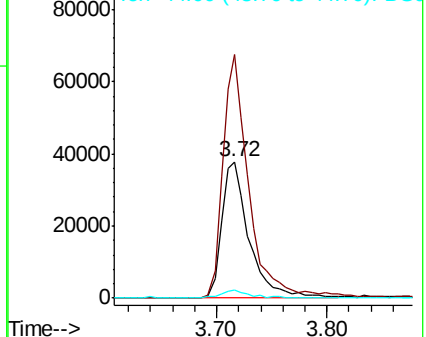
42 100

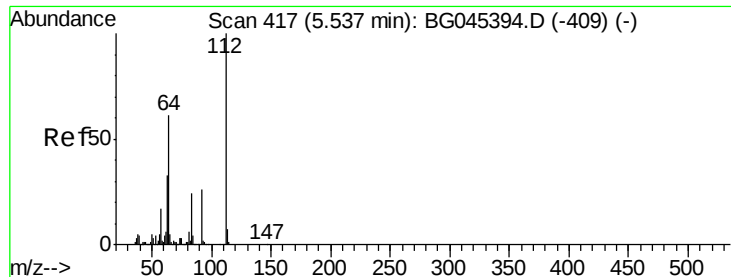
74 178.5 141.3 211.9

44 5.7 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: 157.840 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

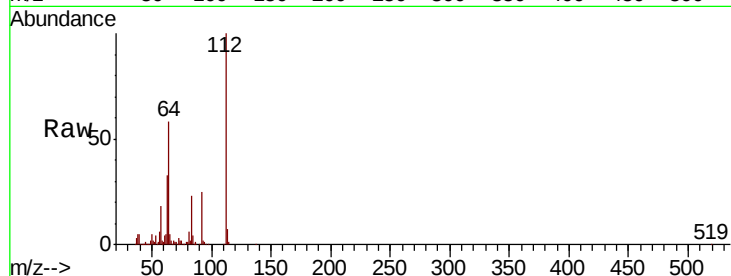
Tot Ion:112 Resp: 484126

Ion Ratio Lower Upper

112 100

64 58.4 48.6 72.8

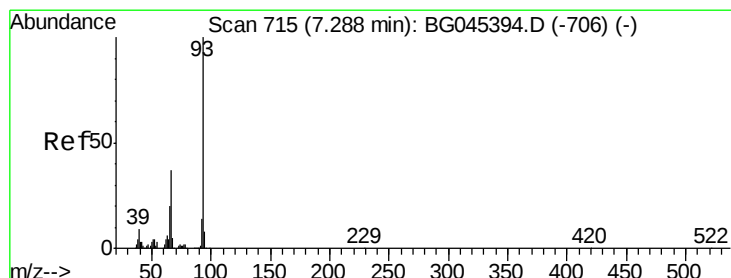
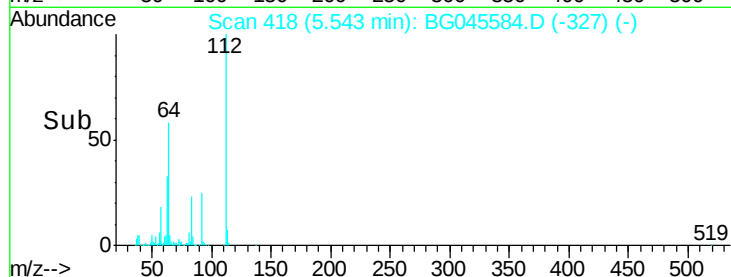
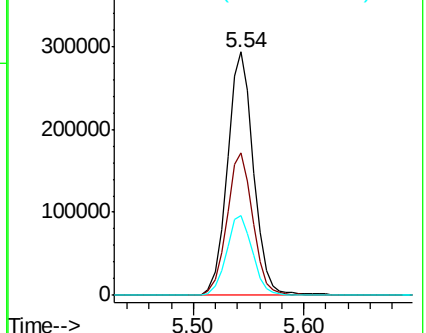
63 32.6 26.5 39.7



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: 32.156 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

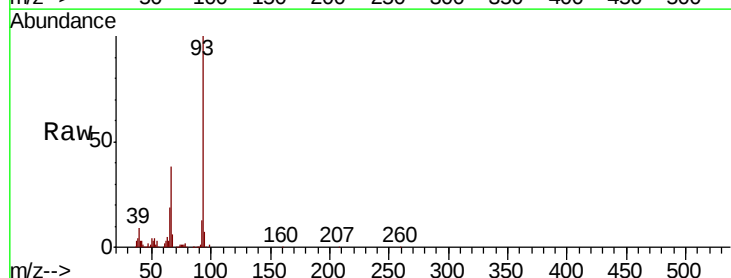
Tgt Ion: 93 Resp: 183251

Ion Ratio Lower Upper

93 100

66 38.3 29.6 44.4

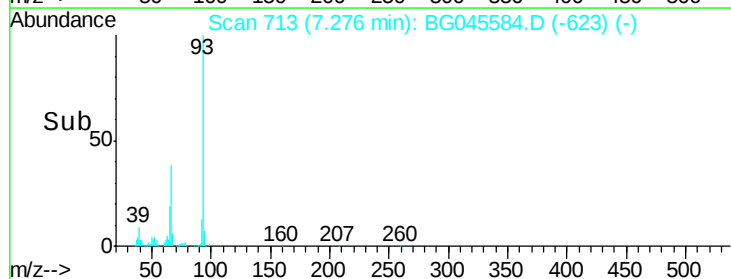
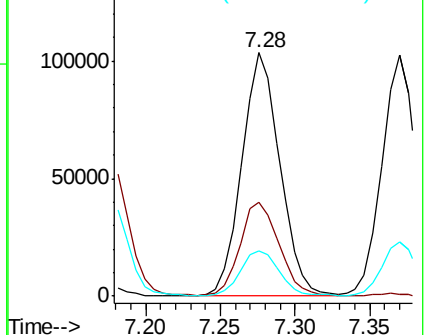
65 18.8 15.9 23.9



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: 155.587 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

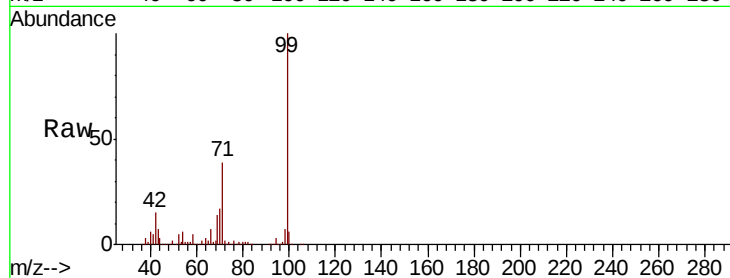
Tot Ion: 99 Resp: 679218

Ion Ratio Lower Upper

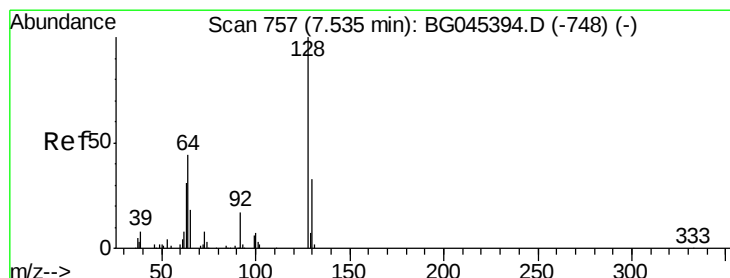
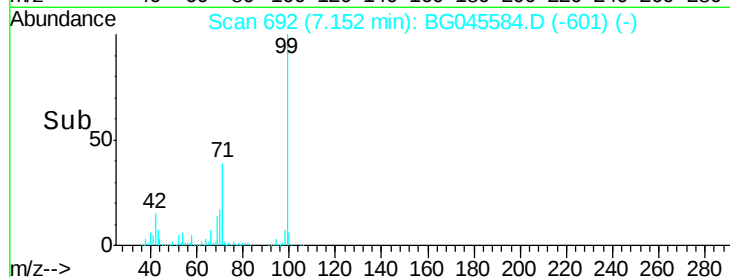
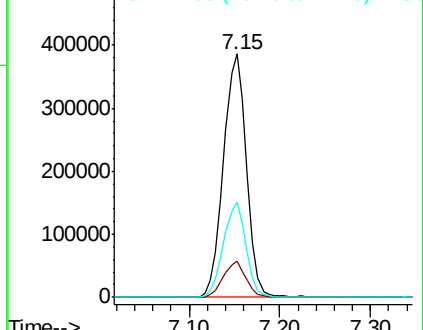
99 100

42 15.0 11.3 16.9

71 39.0 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: 52.635 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

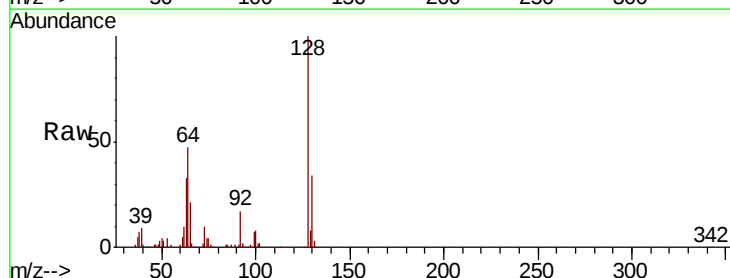
Tgt Ion:128 Resp: 177042

Ion Ratio Lower Upper

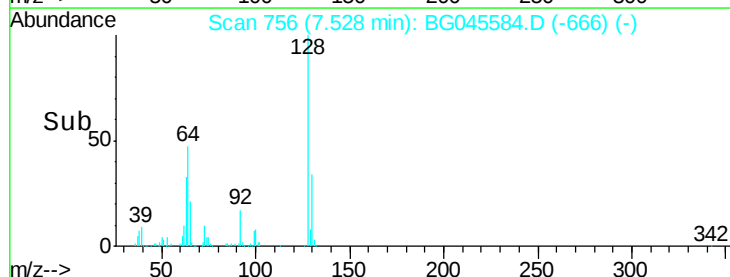
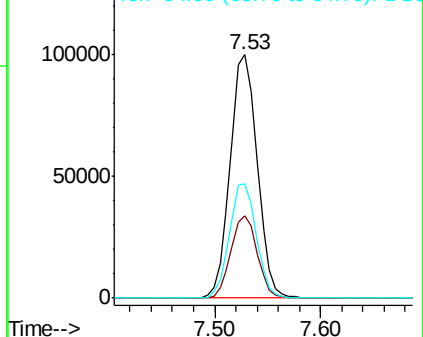
128 100

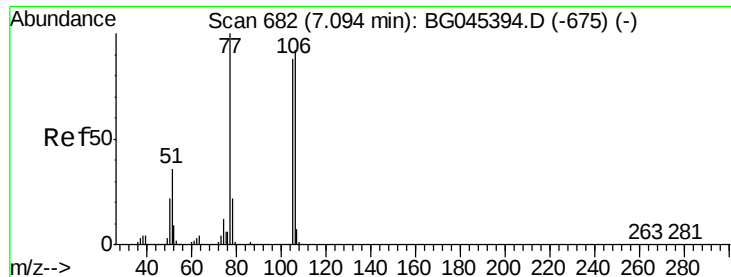
130 33.6 12.6 52.6

64 47.1 27.0 67.0



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





#9

Benzaldehyde

Concen: 40.220 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

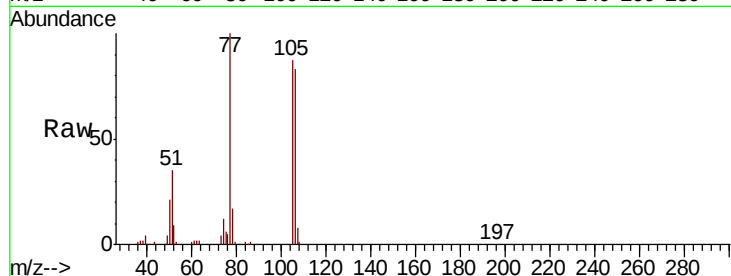
Tot Ion: 77 Resp: 114396

Ion Ratio Lower Upper

77 100

105 87.4 68.5 108.5

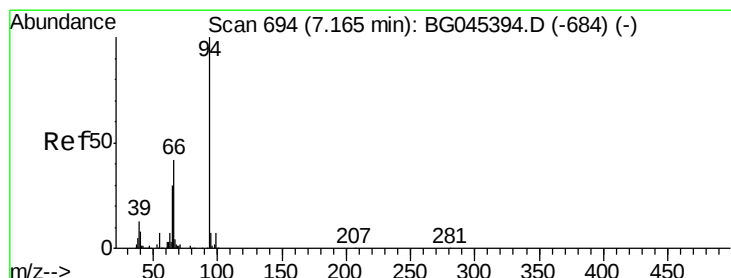
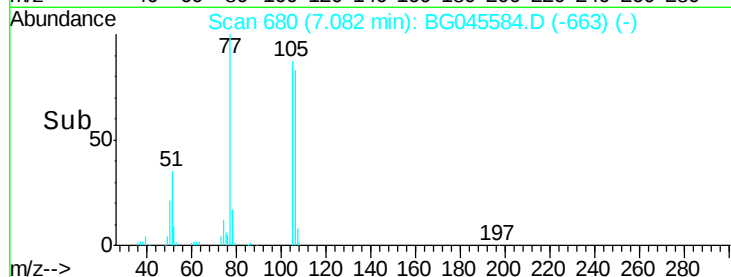
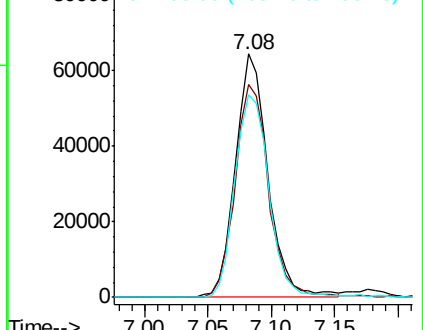
106 83.4 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.765 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

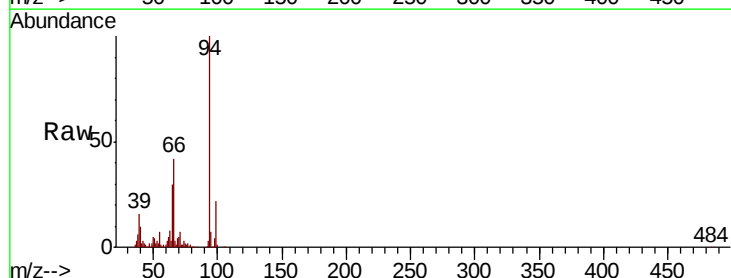
Tgt Ion: 94 Resp: 232906

Ion Ratio Lower Upper

94 100

65 30.4 9.8 49.8

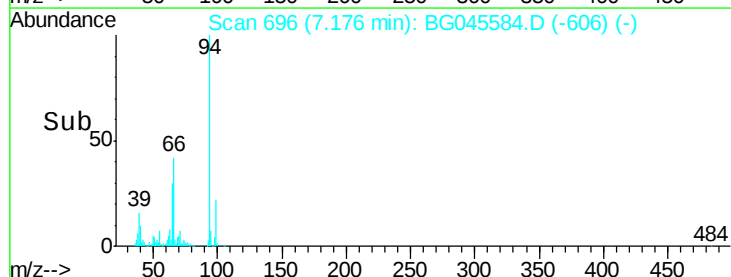
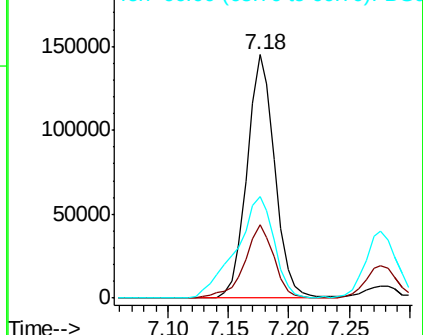
66 41.8 22.0 62.0

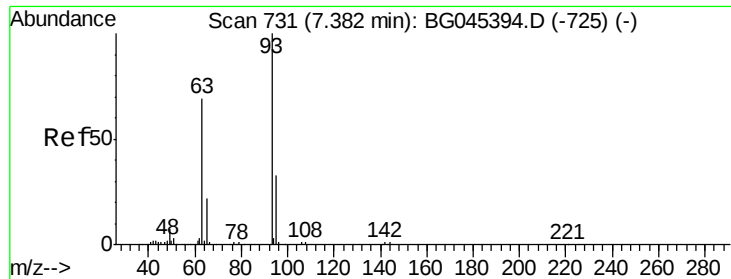


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

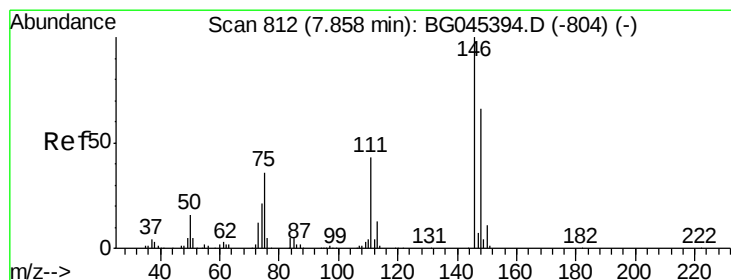
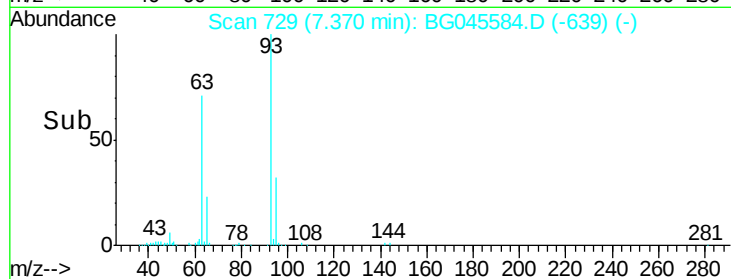
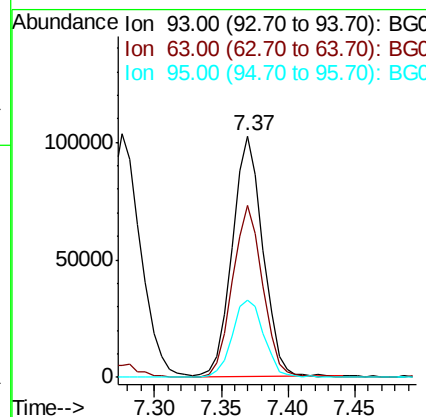
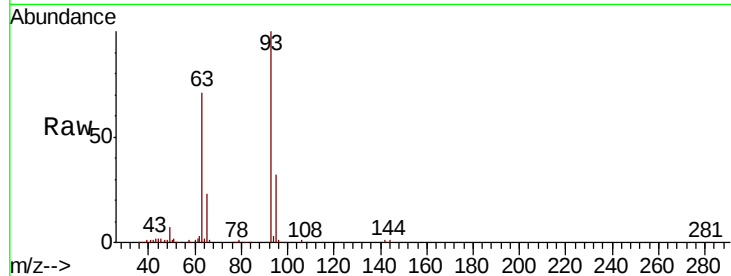




#11
bis(2-Chloroethyl)ether
Concen: 46.758 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

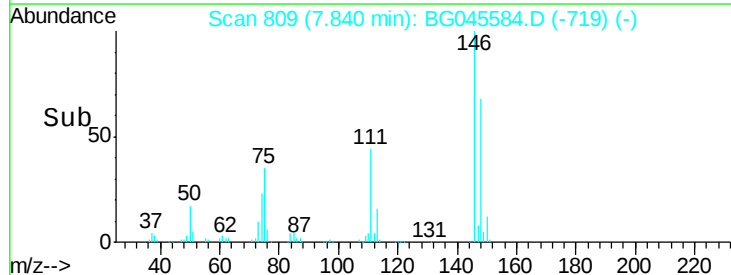
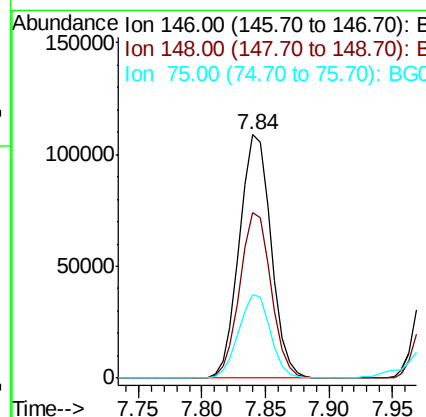
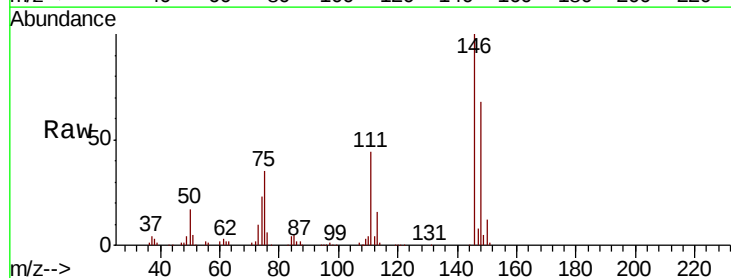
Instrument :
BNA_G
ClientSampled :

Tot Ion	93	Resp	164095
Ion Ratio	Lower	Upper	
93	100		
63	71.4	48.4	88.4
95	32.2	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 46.825 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	146	Resp	189271
Ion Ratio	Lower	Upper	
146	100		
148	68.0	53.2	79.8
75	34.6	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 48.025 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampled :

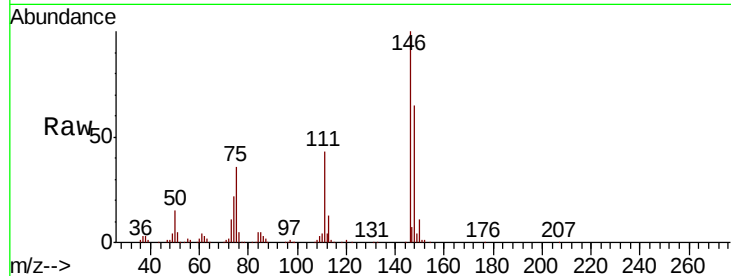
Tot Ion:146 Resp: 191569

Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.8

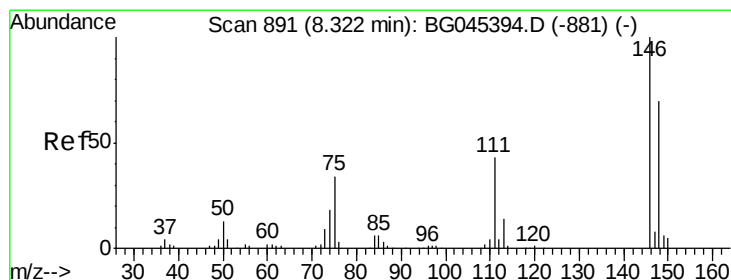
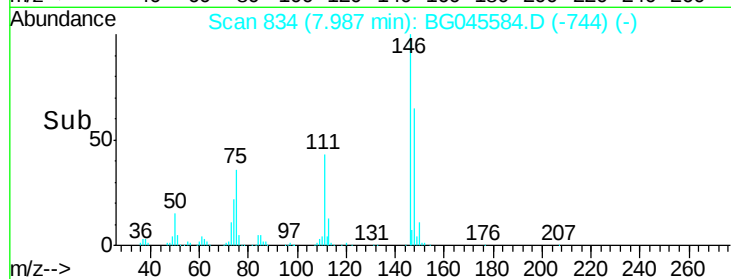
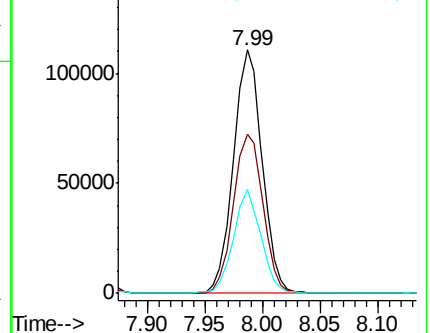
111 42.7 32.1 48.1



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: 46.793 ng

RT: 8.30 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

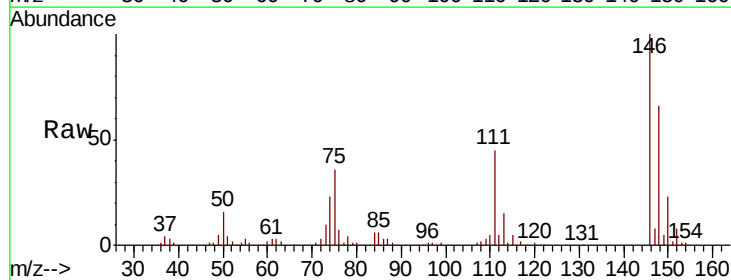
Tgt Ion:146 Resp: 179524

Ion Ratio Lower Upper

146 100

148 65.6 55.9 83.9

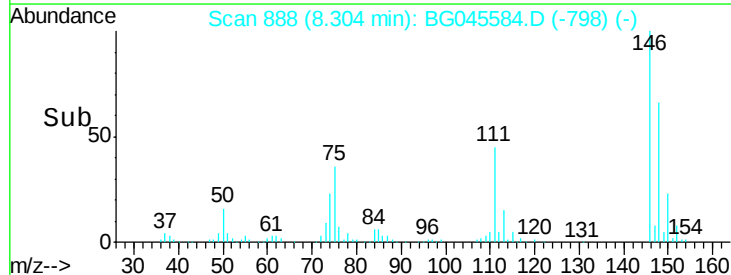
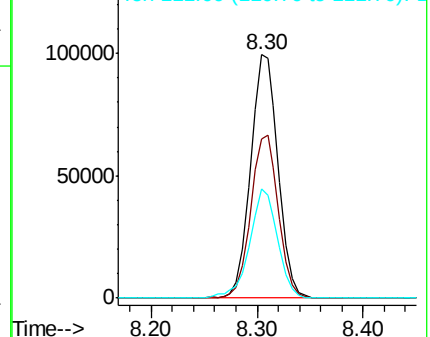
111 45.1 35.0 52.4

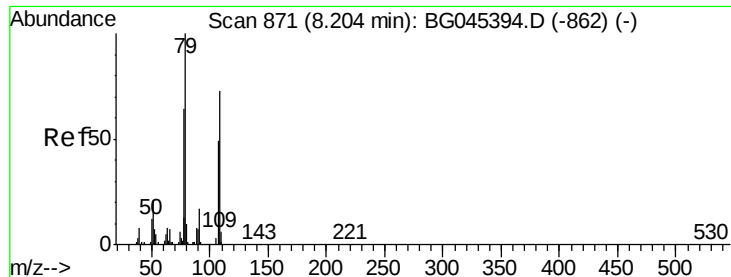


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.474 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampled :

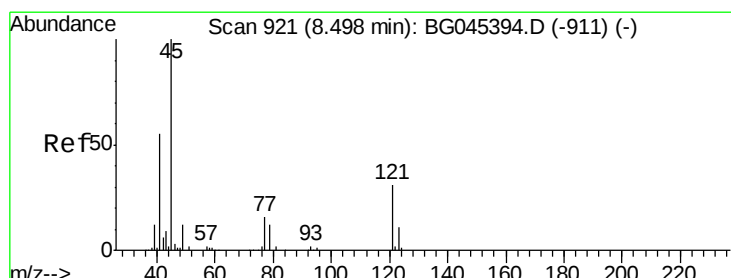
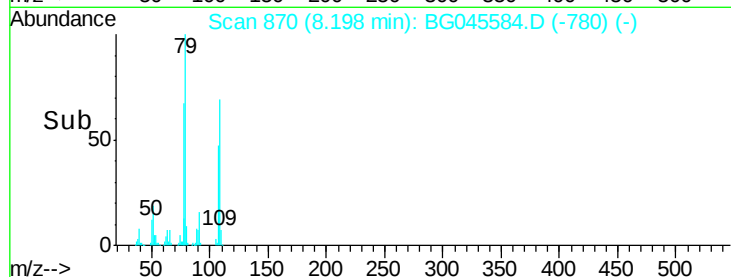
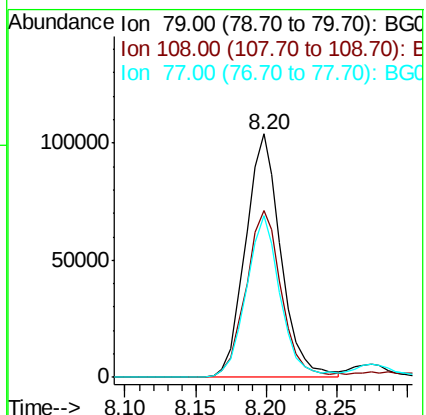
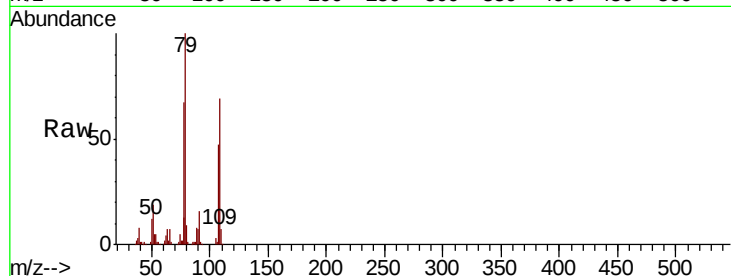
Tot Ion: 79 Resp: 182025

Ion Ratio Lower Upper

79 100

108 68.5 58.2 87.4

77 66.5 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.574 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

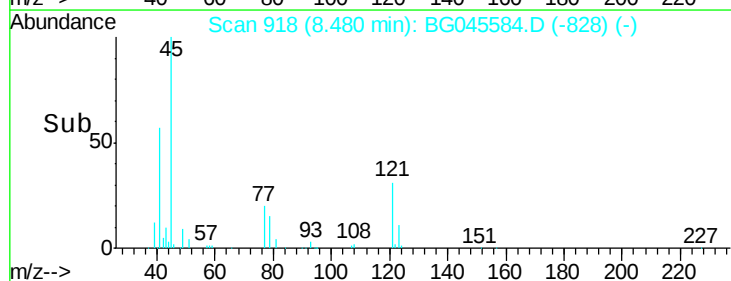
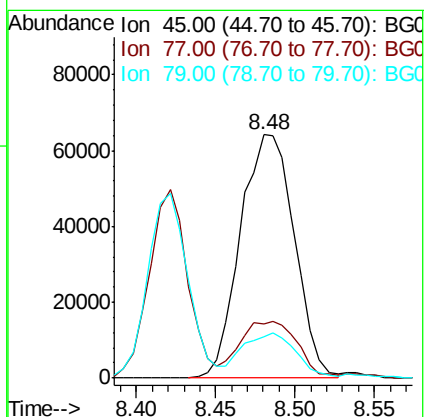
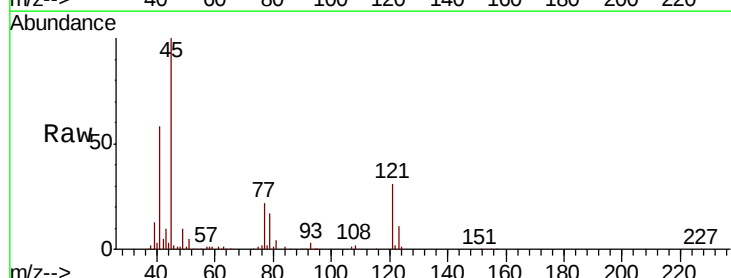
Tgt Ion: 45 Resp: 151818

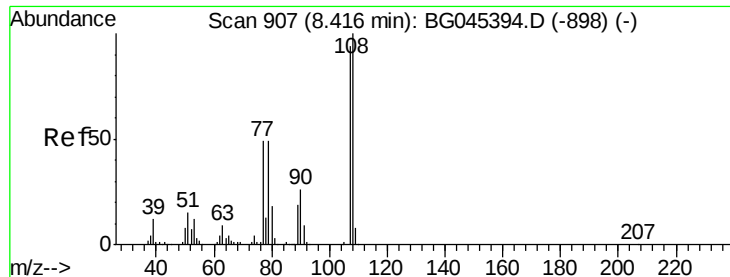
Ion Ratio Lower Upper

45 100

77 22.5 4.0 44.0

79 16.9 0.0 38.6





#17

2-Methylphenol

Concen: 47.046 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 158434

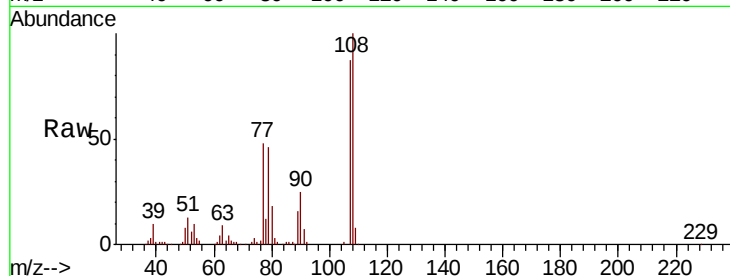
Ion Ratio Lower Upper

107 100

108 115.6 85.2 127.8

77 54.9 41.6 62.4

79 53.7 41.8 62.8

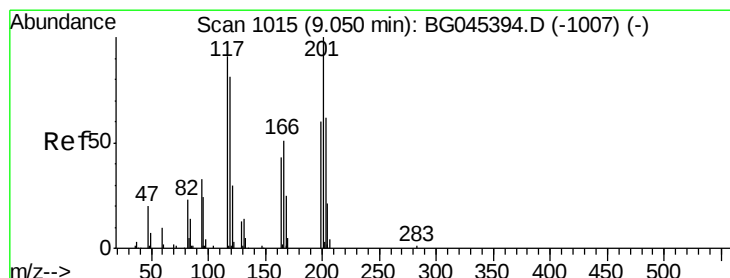
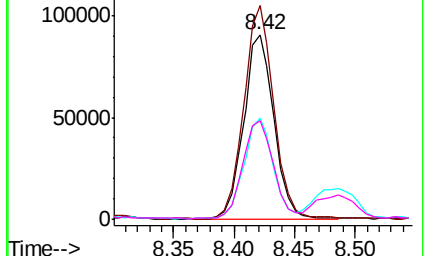
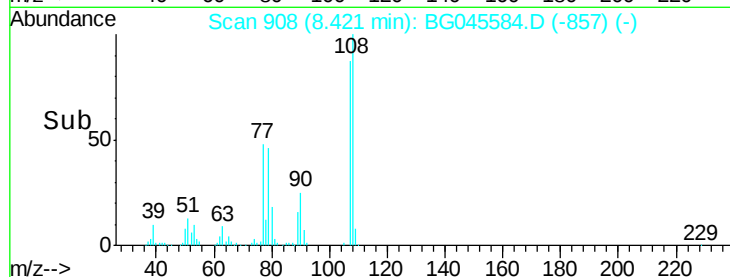


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 47.621 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

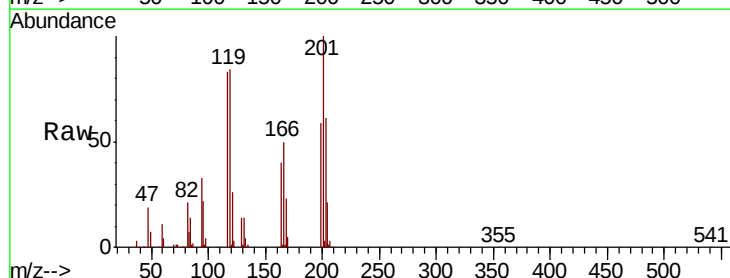
Tgt Ion:117 Resp: 72753

Ion Ratio Lower Upper

117 100

119 101.6 71.3 106.9

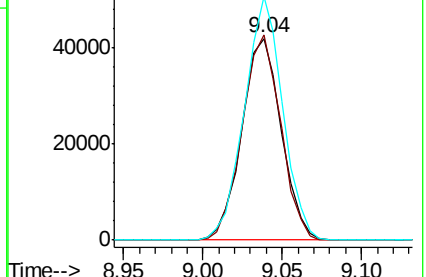
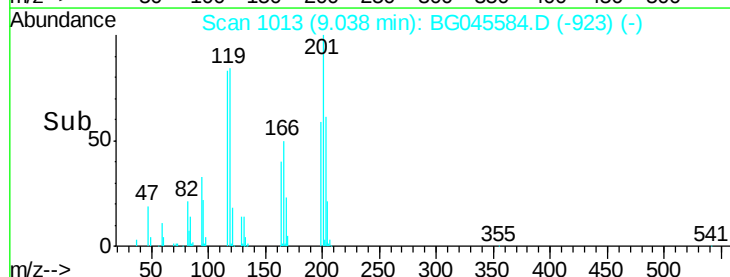
201 120.9 87.5 131.3

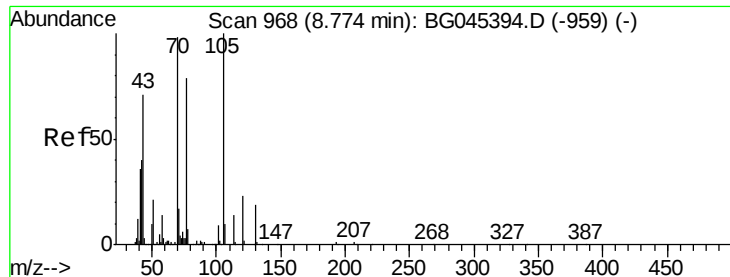


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

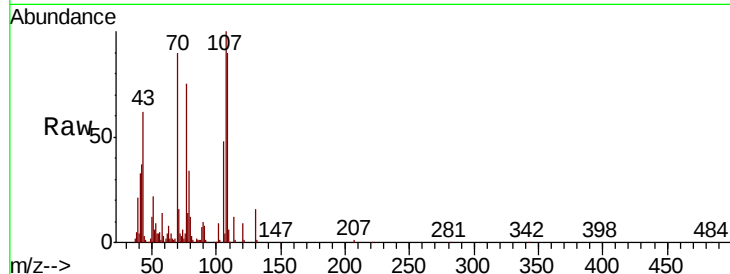




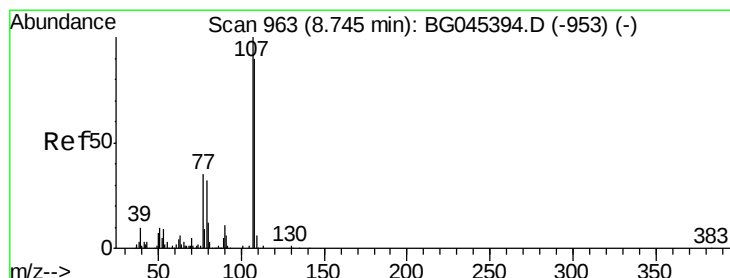
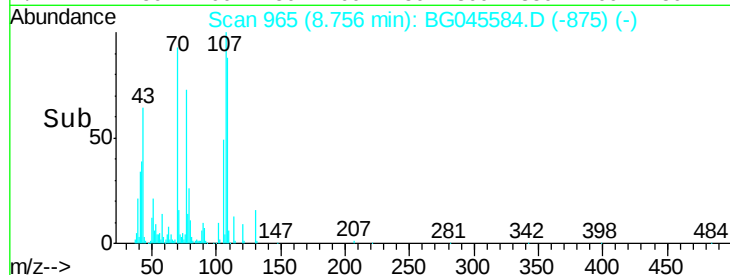
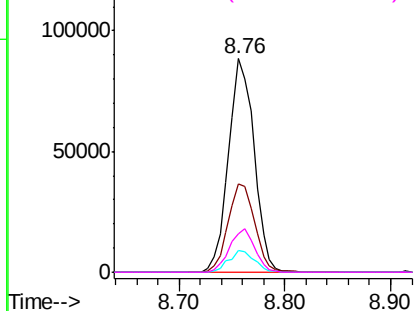
#19
n-Nitroso-di-n-propylamine
Concen: 49.011 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 147956
Ion Ratio Lower Upper
70 100
42 41.6 33.2 49.8
101 10.2 7.8 11.6
130 17.7 15.4 23.2

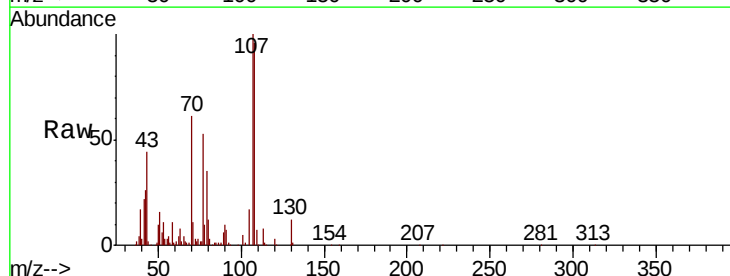


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

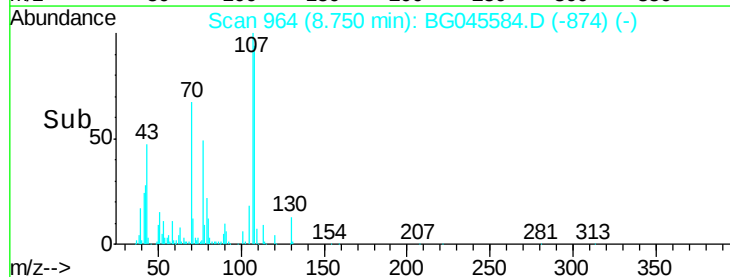
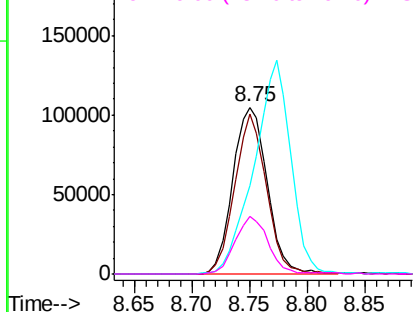


#20
3+4-Methylphenols
Concen: 47.227 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion:107 Resp: 216580
Ion Ratio Lower Upper
107 100
108 96.2 70.3 110.3
77 52.9 15.4 55.4
79 34.7 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: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 244665

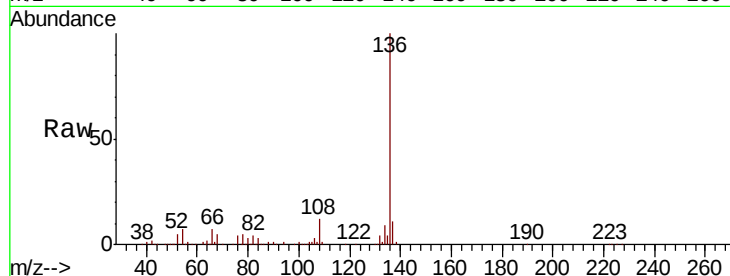
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.2

54 6.6 5.8 8.6

68 5.4 4.5 6.7

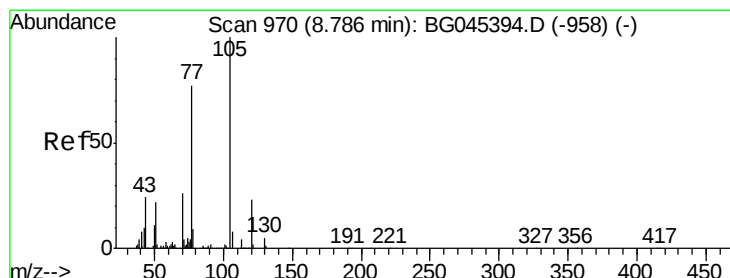
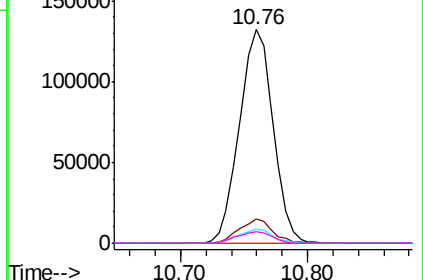
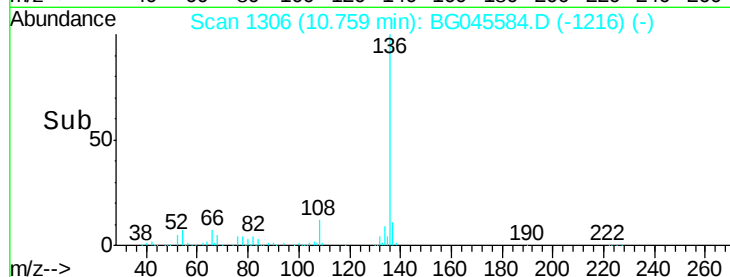


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 46.417 ng

RT: 8.77 min Scan# 968

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion:105 Resp: 269165

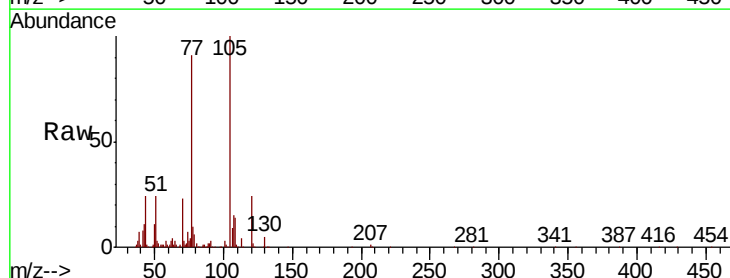
Ion Ratio Lower Upper

105 100

71 3.0 3.4 5.0#

51 24.5 18.2 27.2

120 23.6 18.6 27.8

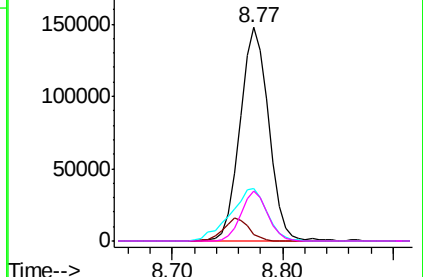
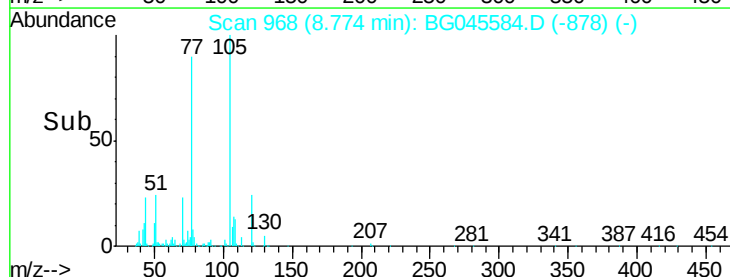


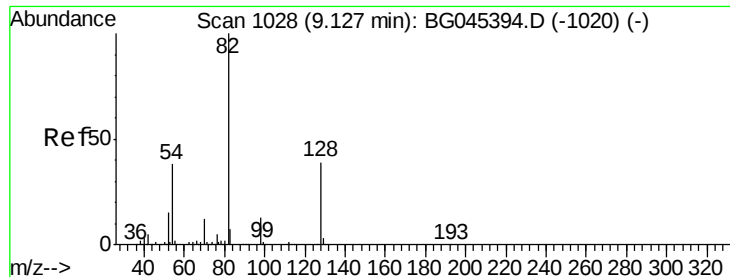
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

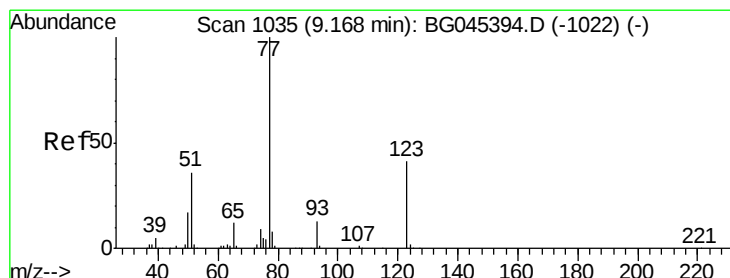
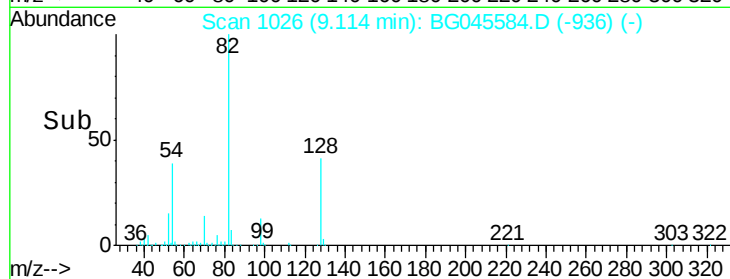
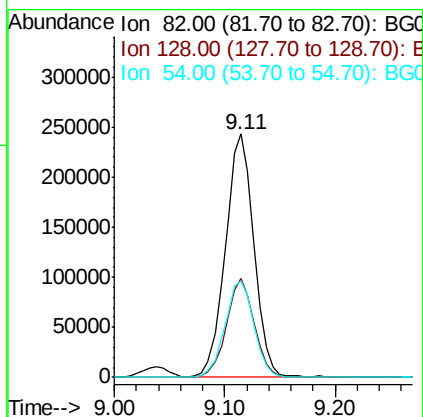
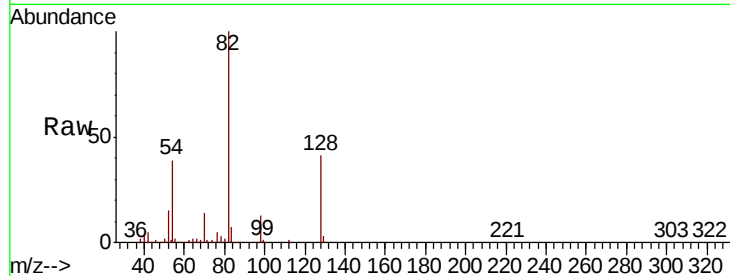




#23
 Nitrobenzene-d5
 Concen: 97.826 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

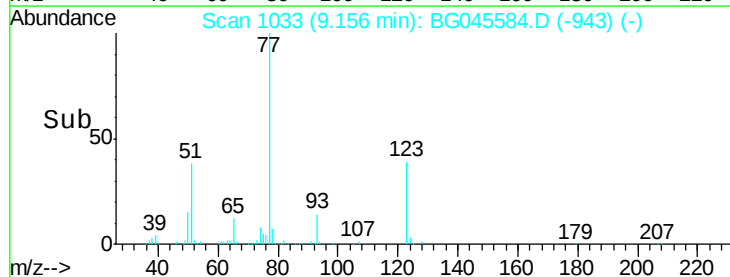
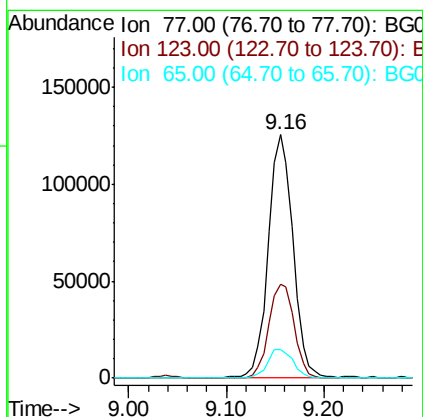
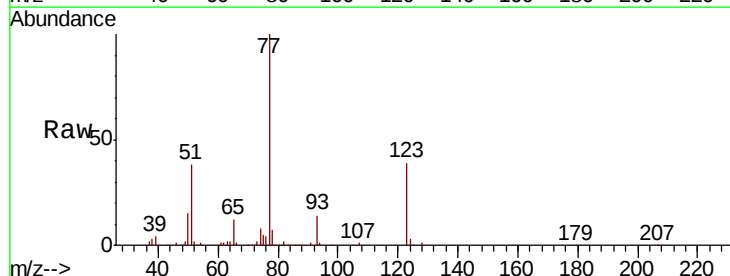
Instrument :
 BNA_G
 ClientSampleId :

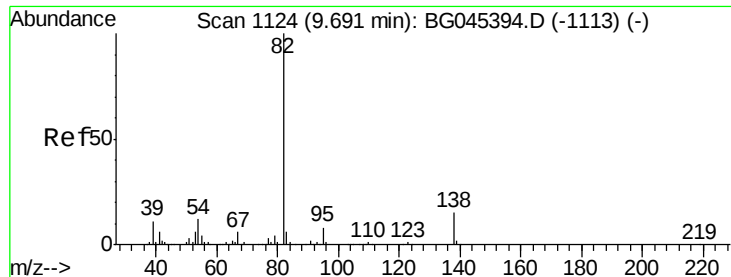
Tot Ion	82	Resp	438912
Ion Ratio	Lower	Upper	
82	100		
128	40.7	30.9	46.3
54	39.4	30.3	45.5



#24
 Nitrobenzene
 Concen: 46.452 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

Tgt Ion	77	Resp	223292
Ion Ratio	Lower	Upper	
77	100		
123	38.7	32.9	49.3
65	11.8	9.4	14.2





#25

Isophorone

Concen: 46.261 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

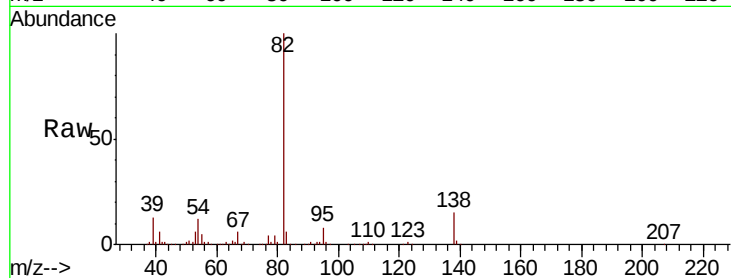
Tot Ion: 82 Resp: 408763

Ion Ratio Lower Upper

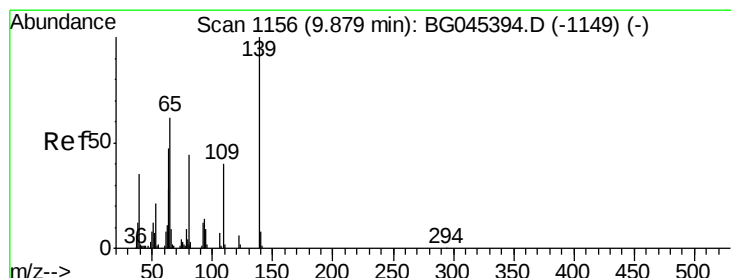
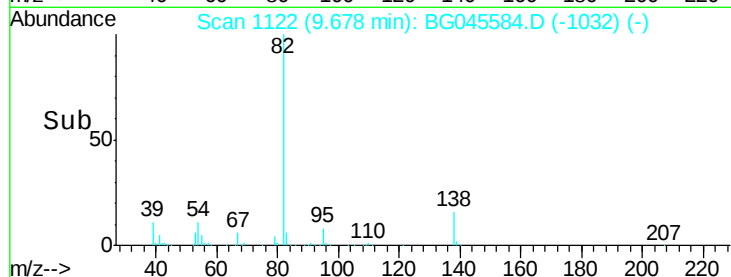
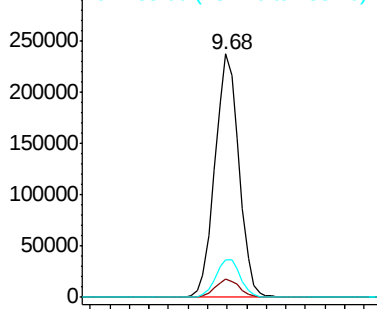
82 100

95 7.7 6.7 10.1

138 15.4 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: 49.569 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

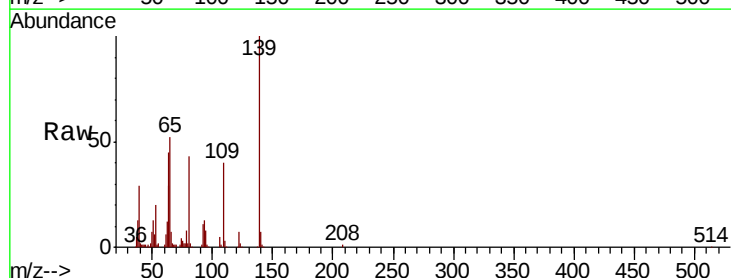
Tgt Ion: 139 Resp: 101931

Ion Ratio Lower Upper

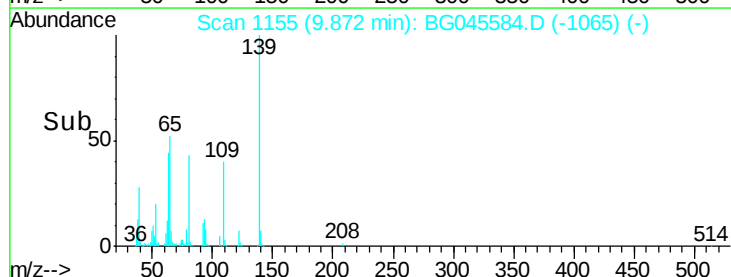
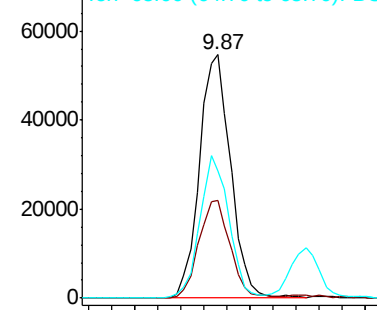
139 100

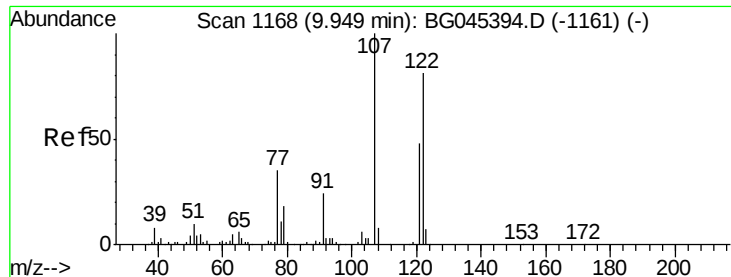
109 40.0 32.2 48.4

65 52.2 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: 54.773 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

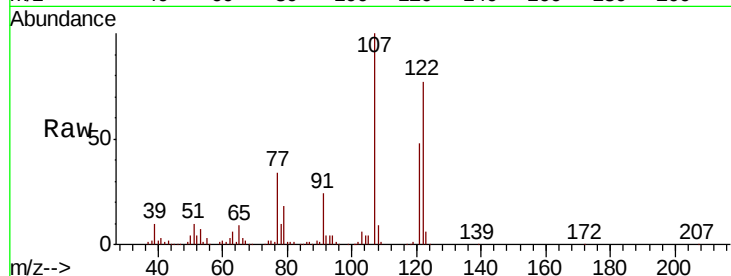
Tot Ion:122 Resp: 167051

Ion Ratio Lower Upper

122 100

107 130.2 99.0 148.4

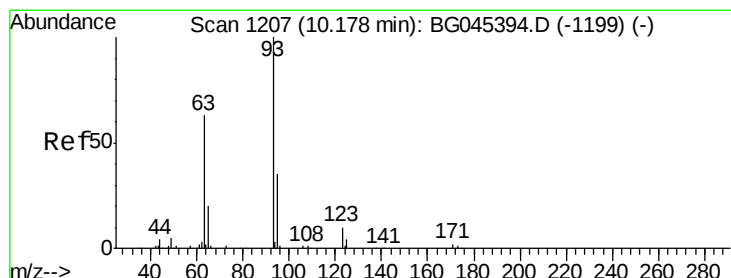
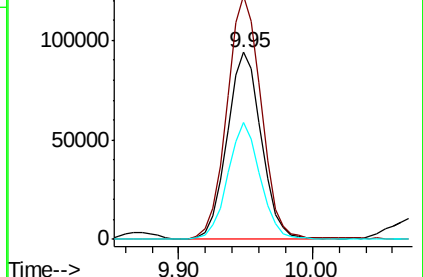
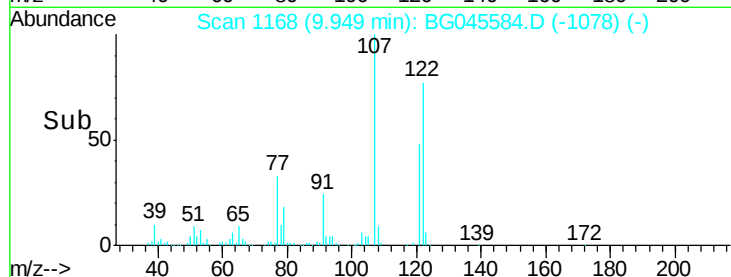
121 62.3 47.7 71.5



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: 48.883 ng

RT: 10.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

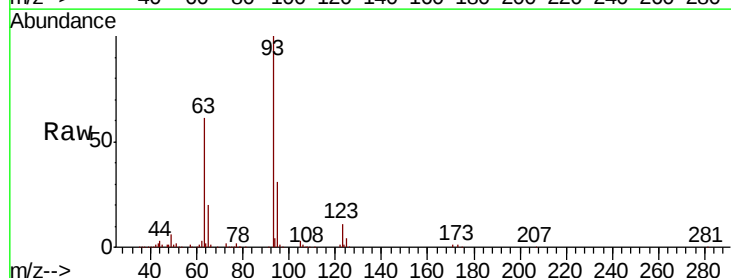
Tgt Ion: 93 Resp: 226516

Ion Ratio Lower Upper

93 100

95 30.7 27.6 41.4

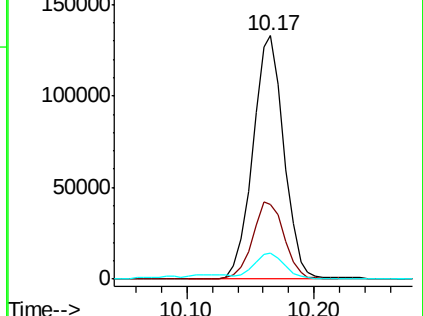
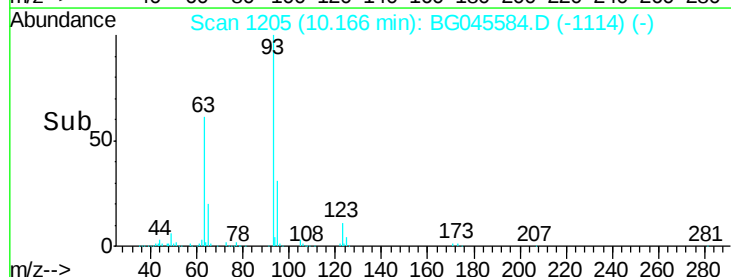
123 10.7 8.1 12.1



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: 50.951 ng

RT: 10.42 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

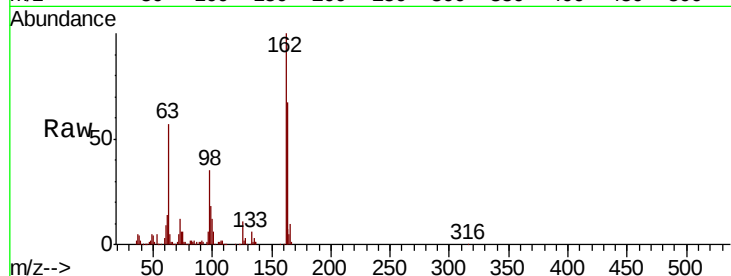
Tot Ion:162 Resp: 183504

Ion Ratio Lower Upper

162 100

164 67.5 46.8 86.8

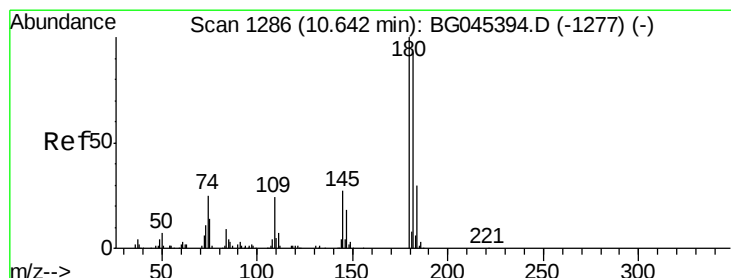
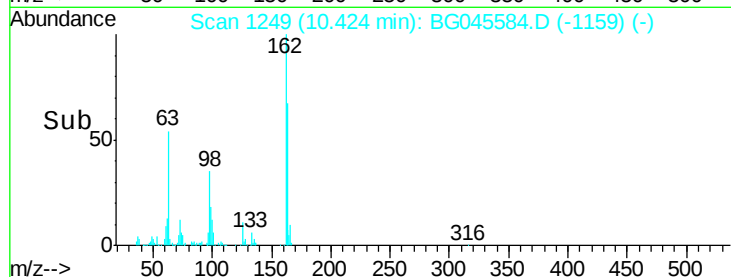
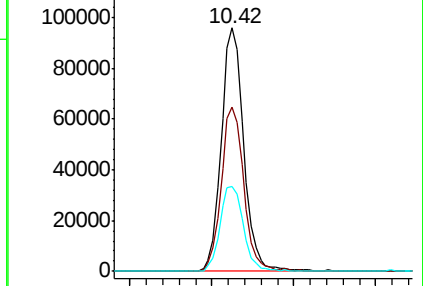
98 34.7 15.2 55.2



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): E



#30

1,2,4-Trichlorobenzene

Concen: 47.381 ng

RT: 10.62 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

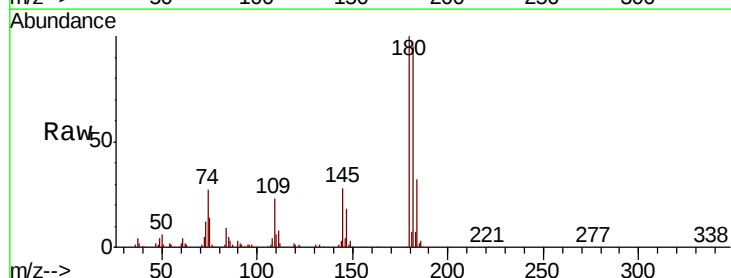
Tgt Ion:180 Resp: 201643

Ion Ratio Lower Upper

180 100

182 95.0 74.8 112.2

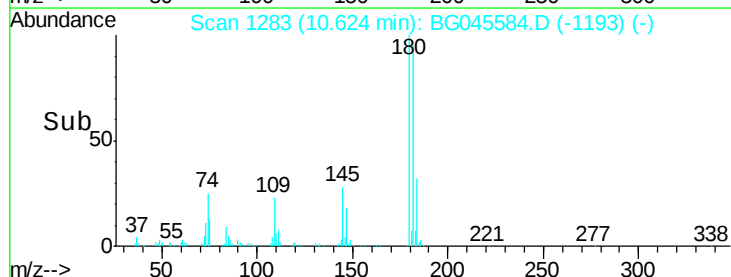
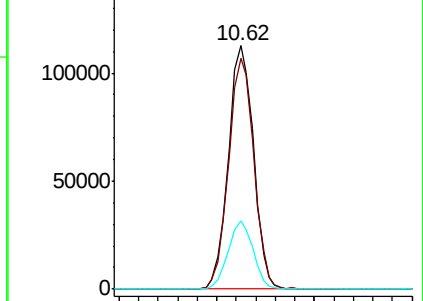
145 28.2 21.9 32.9



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

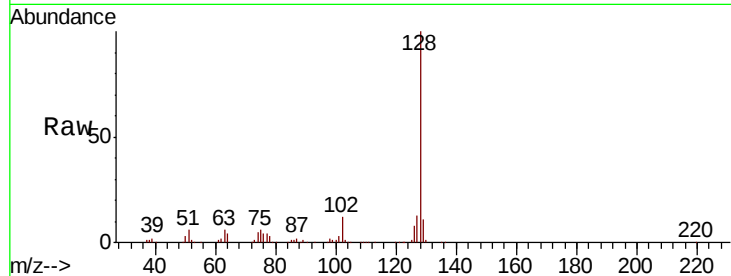




#31
Naphthalene
Concen: 46.781 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.4	10.7	16.1

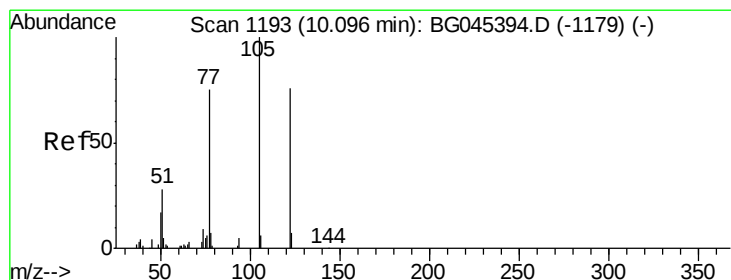
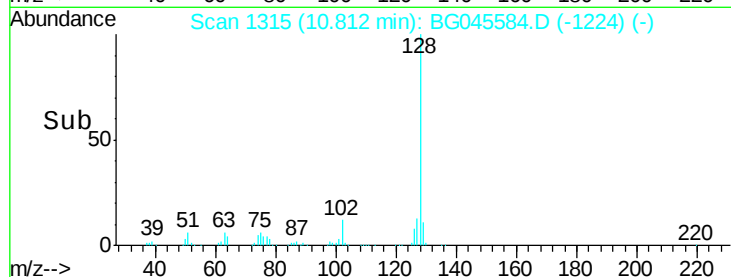
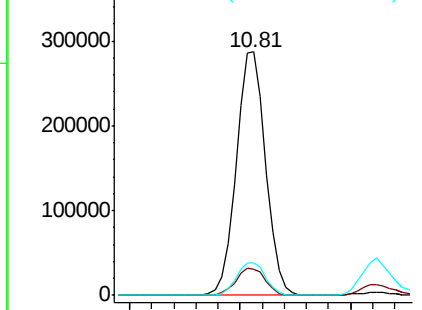


Abundance

Ion 128.00 (127.70 to 128.70): E

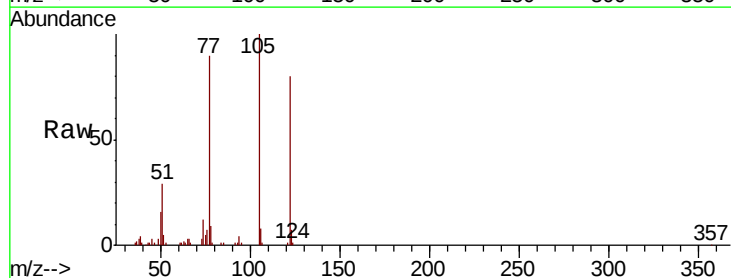
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 48.871 ng
RT: 10.12 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.9	107.9	147.9
77	112.4	78.9	118.9

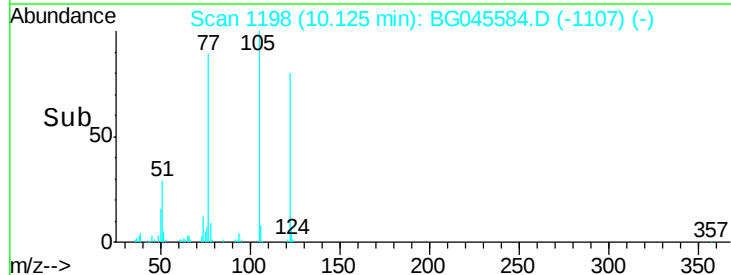
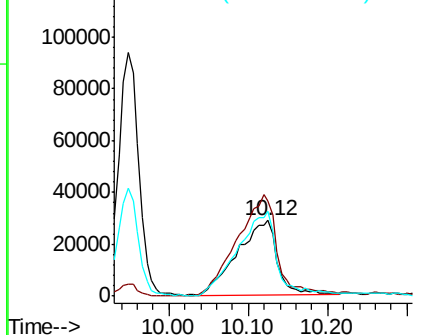


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

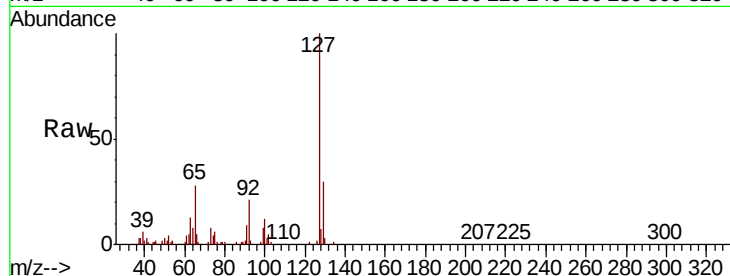




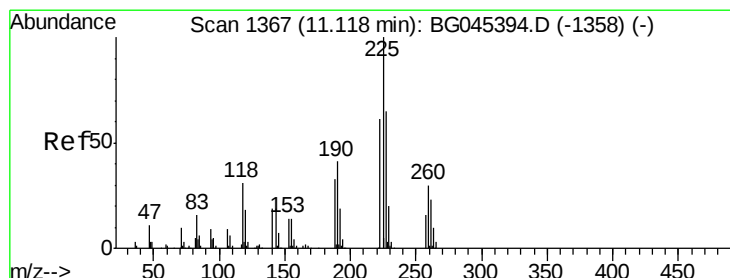
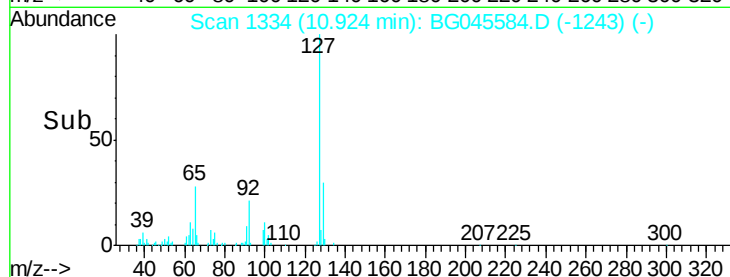
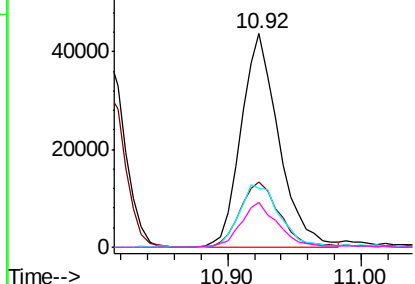
#33
4-Chloroaniline
Concen: 17.900 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	85307
Ion Ratio	Lower	Upper
127	100	
129	30.4	24.7 37.1
65	27.8	26.2 39.2
92	20.9	17.9 26.9

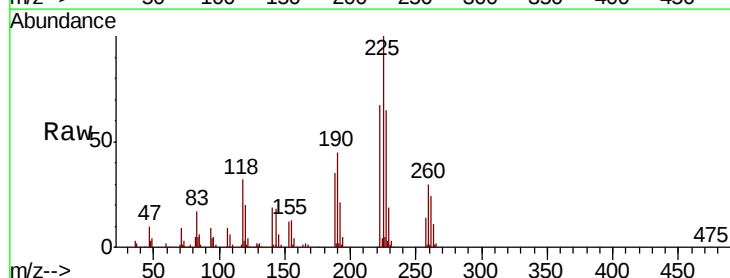


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

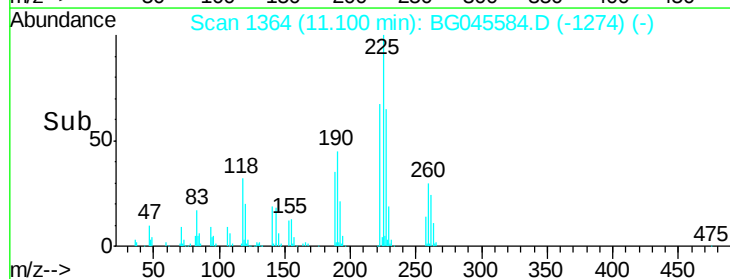
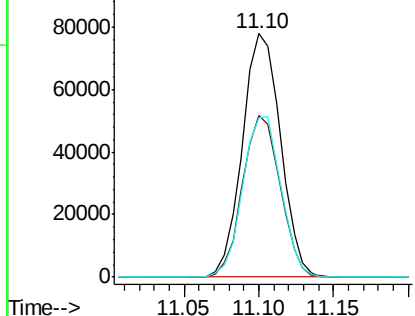


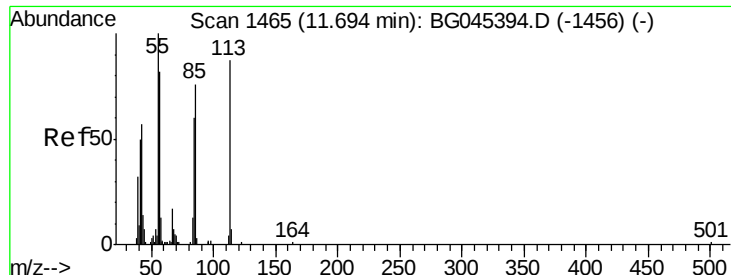
#34
Hexachlorobutadiene
Concen: 45.763 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion:225	Resp:	137667
Ion Ratio	Lower	Upper
225	100	
223	66.6	49.1 73.7
227	65.3	52.0 78.0



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





#35

Caprolactam

Concen: 29.168 ng

RT: 11.69 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

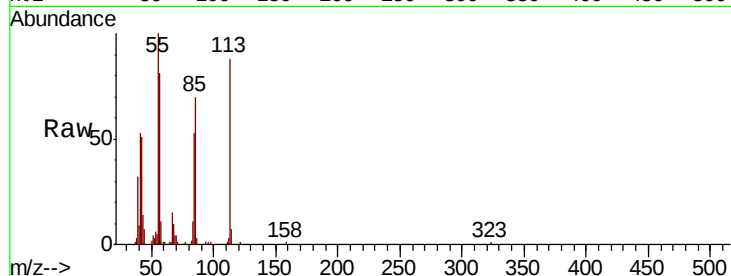
Tot Ion:113 Resp: 38559

Ion Ratio Lower Upper

113 100

55 114.3 96.0 136.0

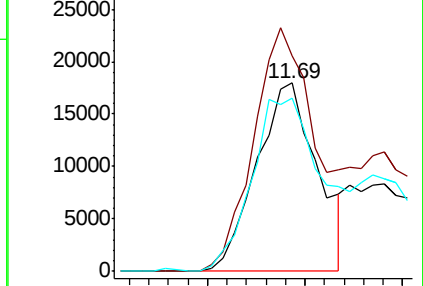
56 92.0 75.1 115.1



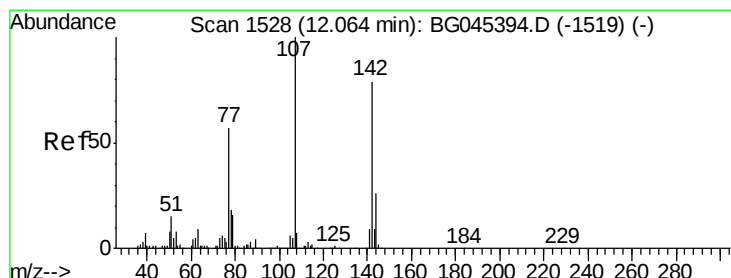
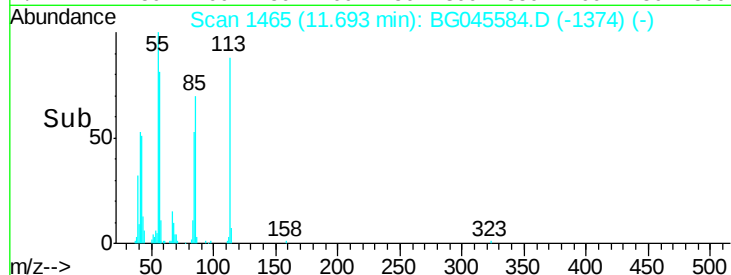
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



Time-->



#36

4-Chloro-3-methylphenol

Concen: 51.797 ng

RT: 12.08 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

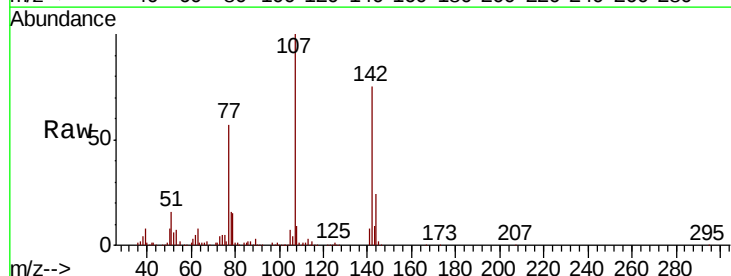
Tgt Ion:107 Resp: 210212

Ion Ratio Lower Upper

107 100

144 24.2 20.8 31.2

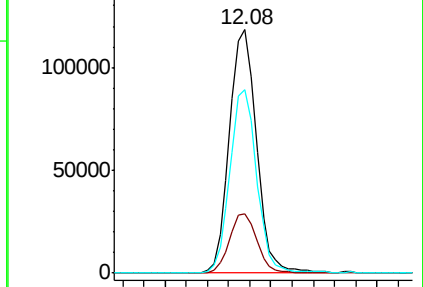
142 75.4 62.8 94.2



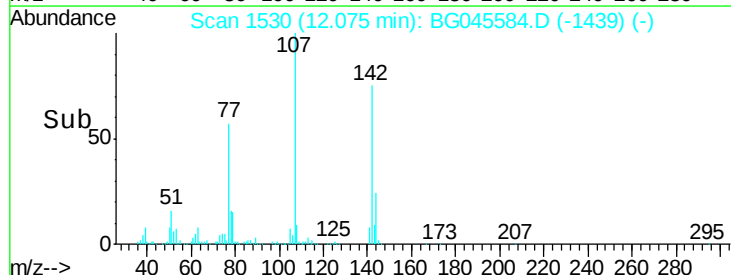
Abundance Ion 107.00 (106.70 to 107.70): E

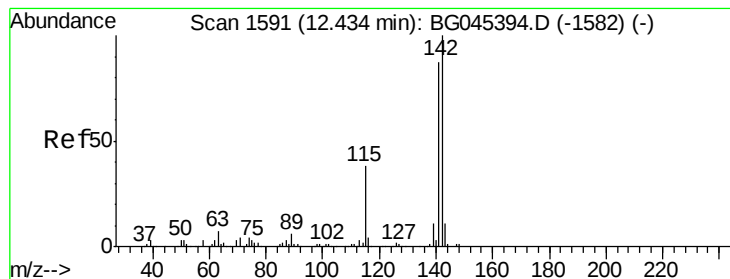
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 47.623 ng

RT: 12.42 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

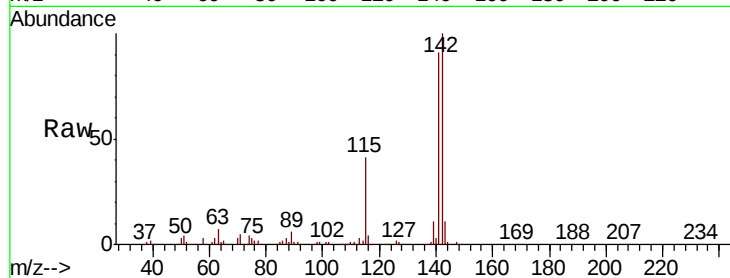
Tot Ion:142 Resp: 404687

Ion Ratio Lower Upper

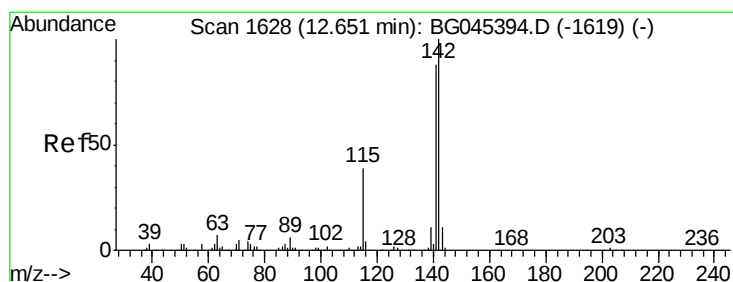
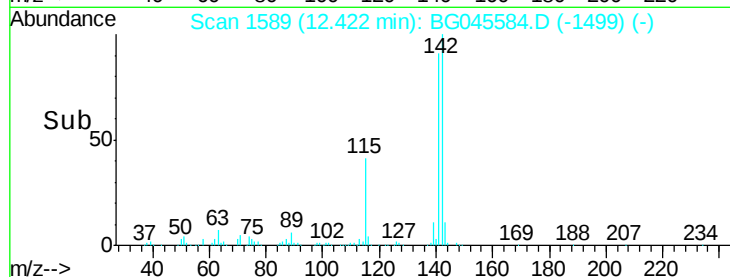
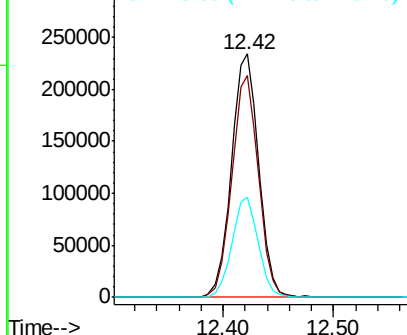
142 100

141 91.2 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: 50.414 ng

RT: 12.42 min Scan# 1589

Delta R.T. -0.22 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

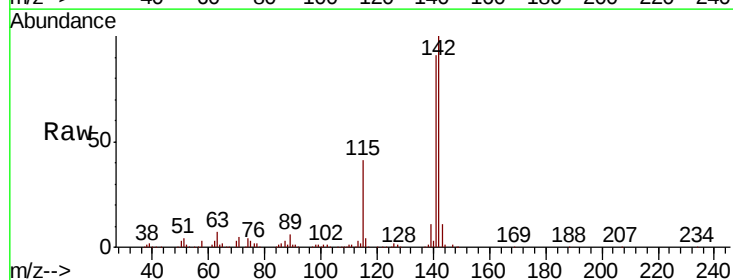
Tgt Ion:142 Resp: 404687

Ion Ratio Lower Upper

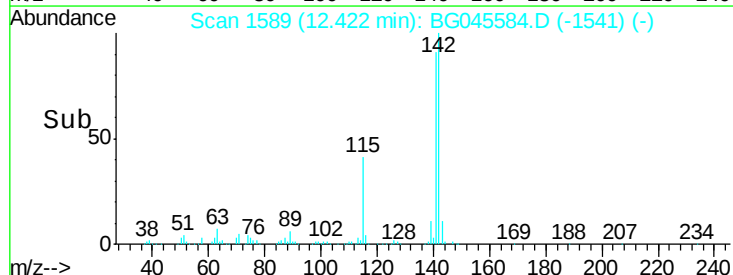
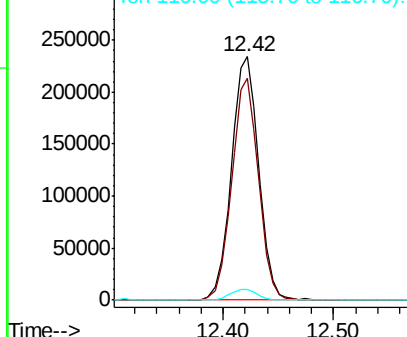
142 100

141 91.2 70.8 106.2

116 4.2 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: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampled :

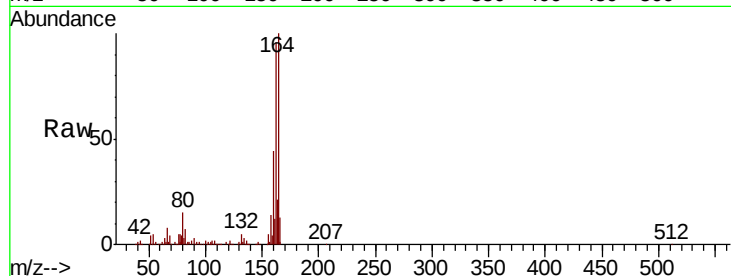
Tot Ion:164 Resp: 177689

Ion Ratio Lower Upper

164 100

162 95.9 76.9 115.3

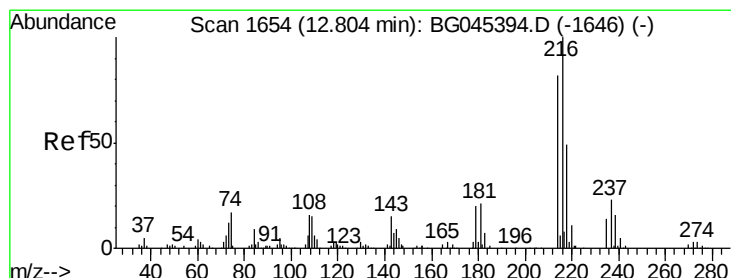
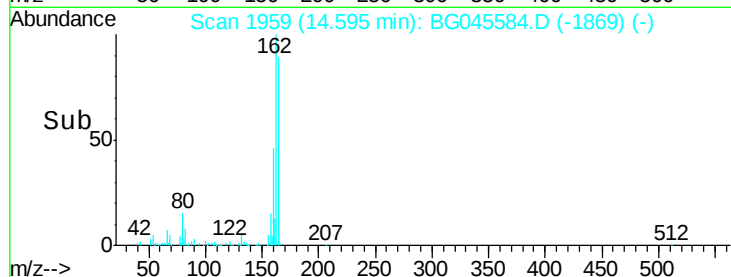
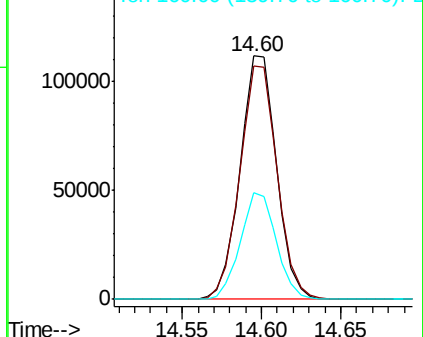
160 43.9 33.8 50.8



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: 47.174 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion:216 Resp: 234128

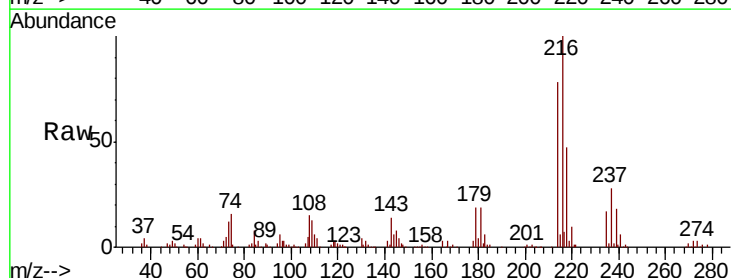
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 19.6 16.1 24.1

108 18.8 13.8 20.6

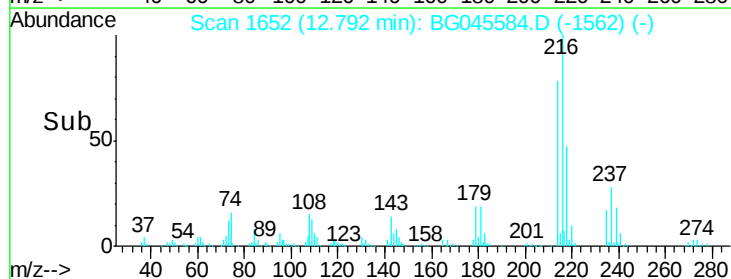
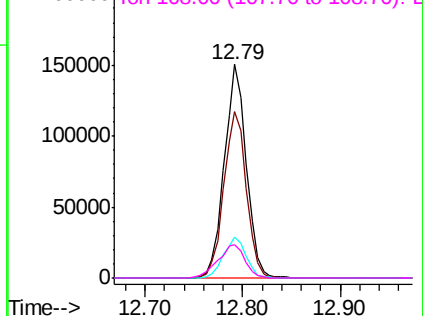


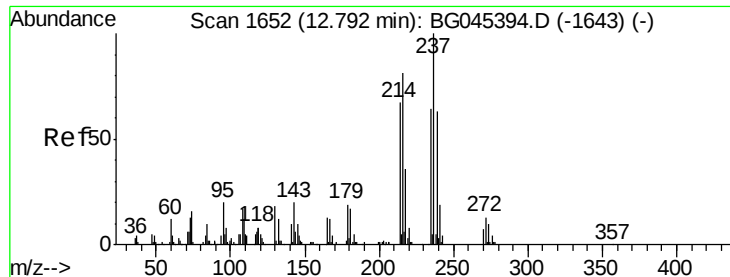
Abundance Ion 216.00 (215.70 to 216.70): E

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: 101.162 ng

RT: 12.77 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

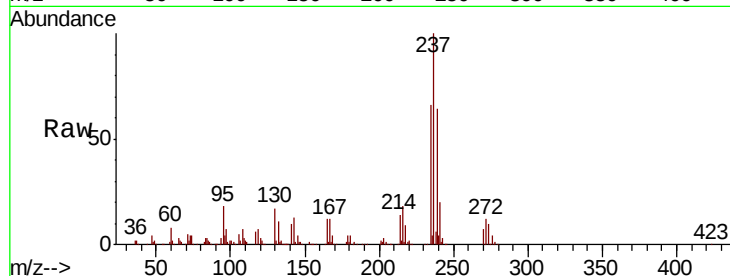
Tot Ion:237 Resp: 289793

Ion Ratio Lower Upper

237 100

235 65.9 44.4 84.4

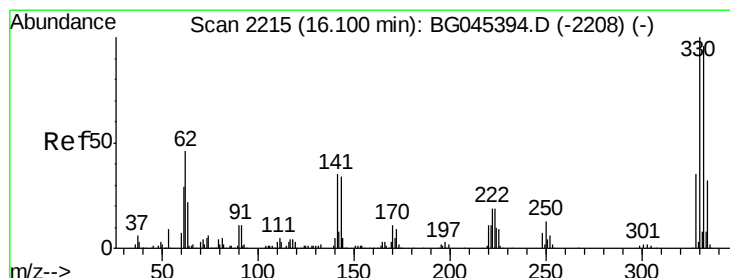
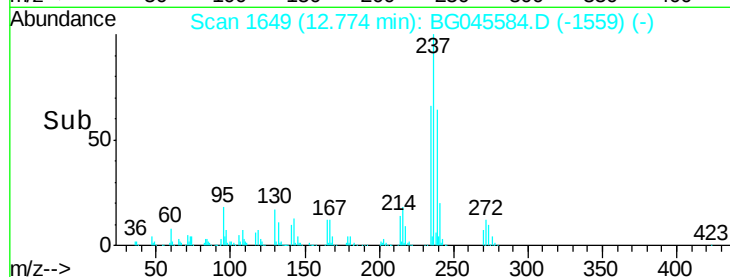
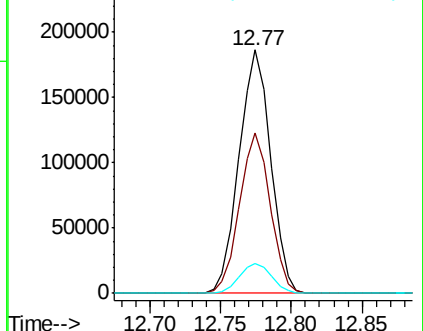
272 12.5 0.0 32.5



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: 149.598 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

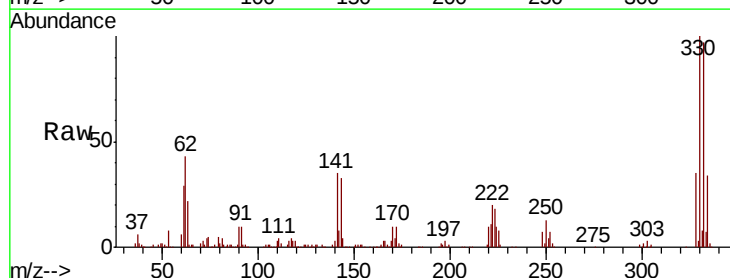
Tgt Ion:330 Resp: 339952

Ion Ratio Lower Upper

330 100

332 95.7 78.2 117.4

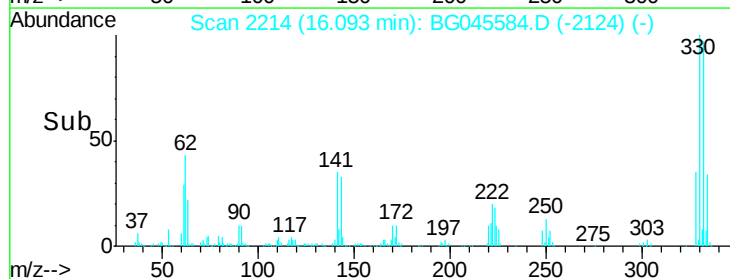
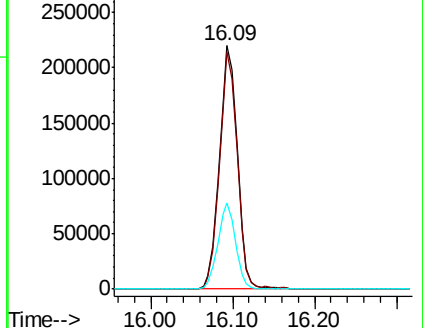
141 34.7 28.2 42.4

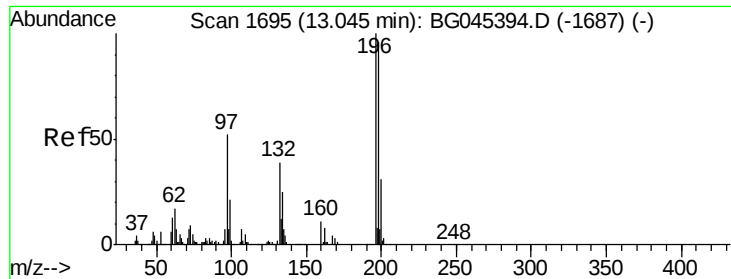


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

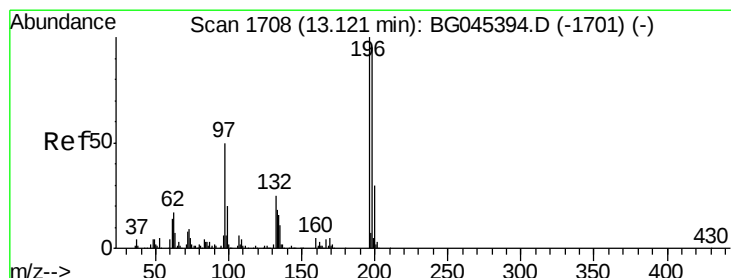
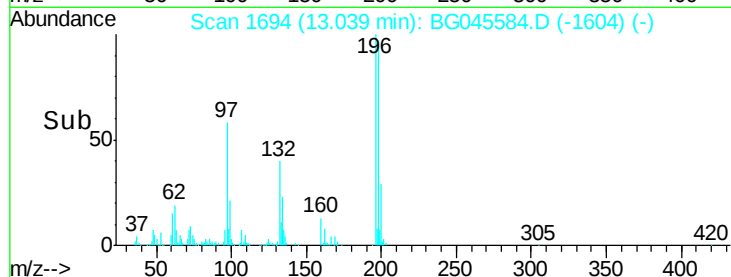
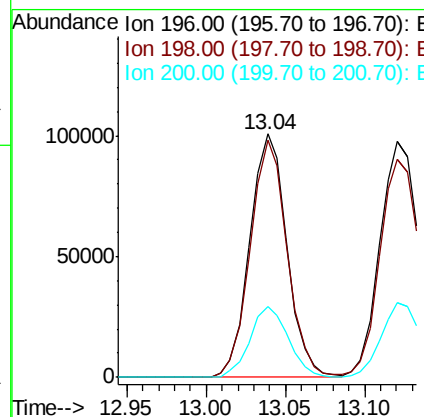
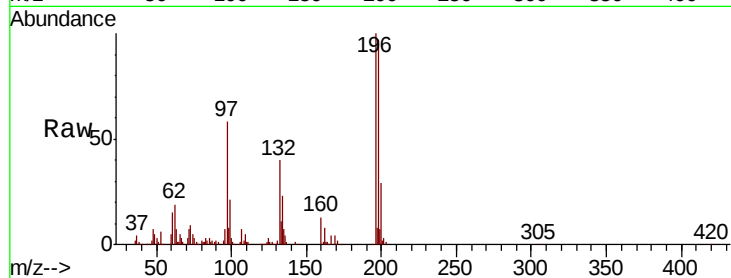




#43
 2,4,6-Trichlorophenol
 Concen: 47.585 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

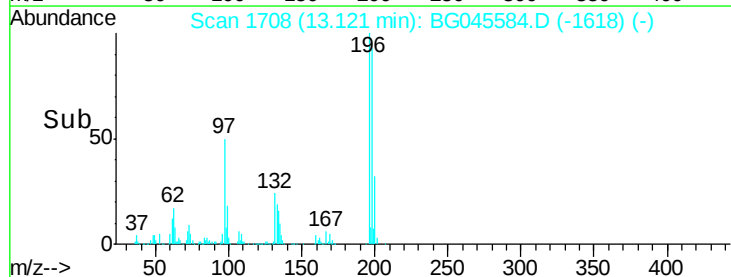
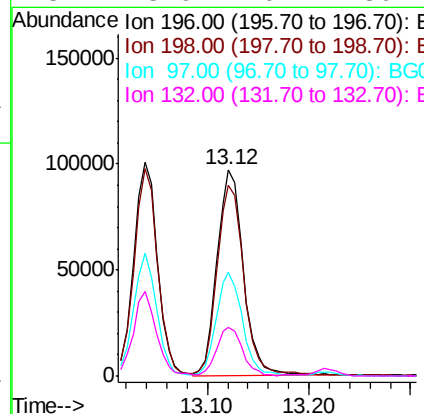
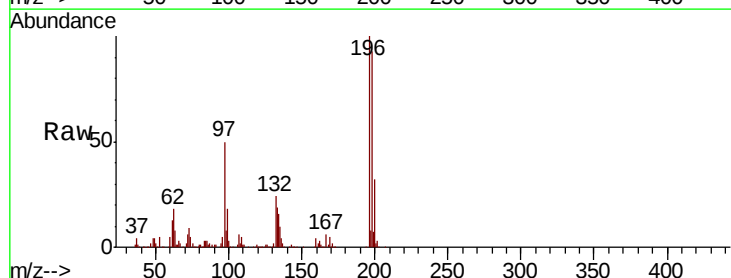
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 164059
 Ion Ratio Lower Upper
 196 100
 198 97.3 76.7 115.1
 200 29.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.148 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

Tgt Ion:196 Resp: 173937
 Ion Ratio Lower Upper
 196 100
 198 92.6 76.1 114.1
 97 50.1 40.0 60.0
 132 23.9 20.2 30.2

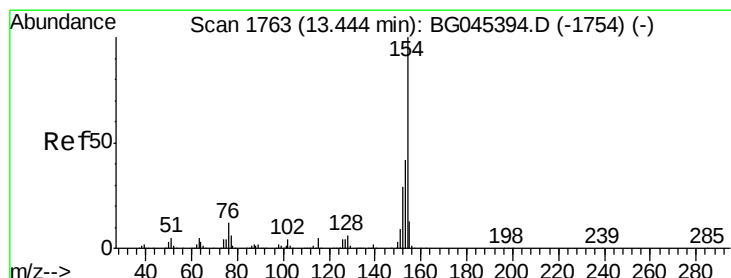
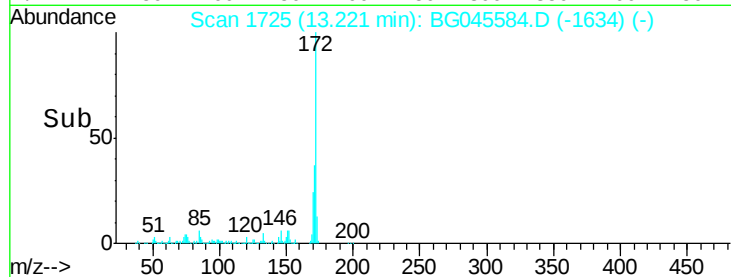
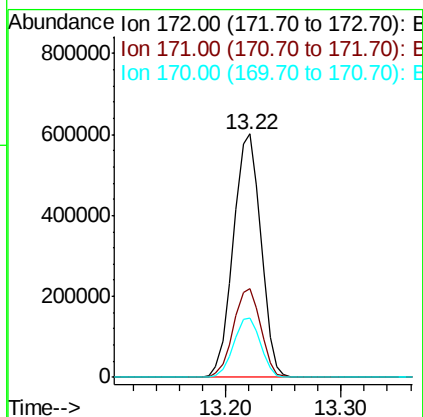
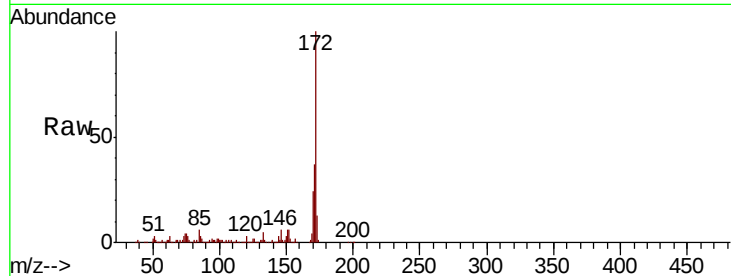




#45
 2-Fluorobiphenyl
 Concen: 94.979 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. 0.01 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

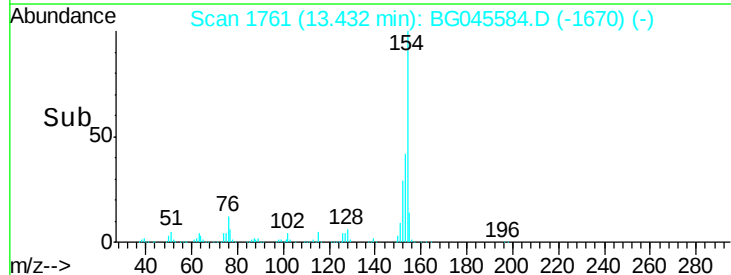
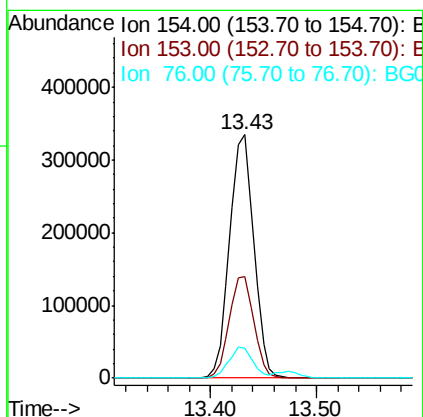
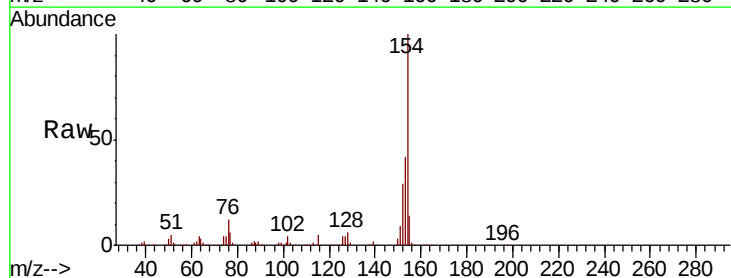
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	24.2	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 48.552 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. 0.01 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.2	62.2
76	12.1	0.0	32.4

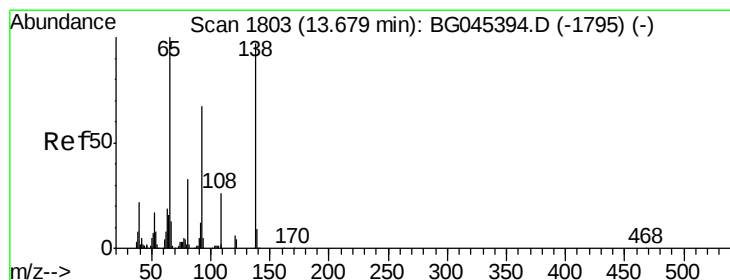
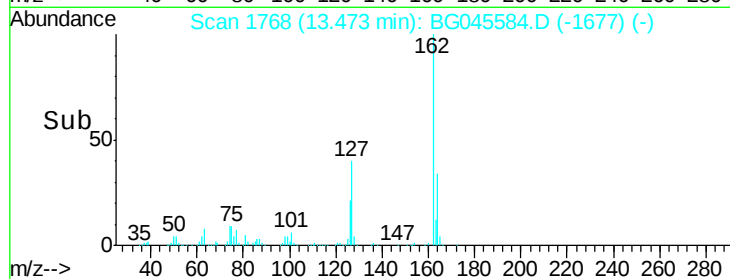
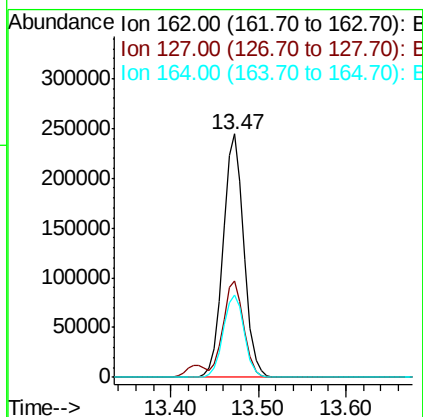
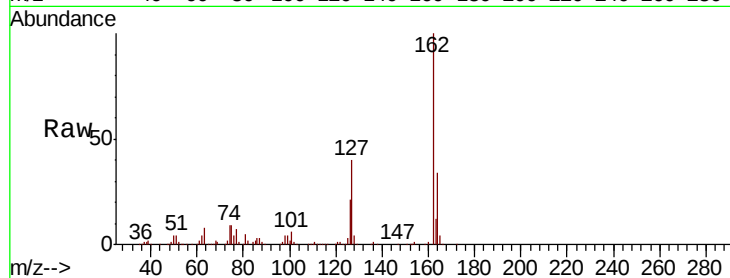




#47
2-Chloronaphthalene
Concen: 45.009 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

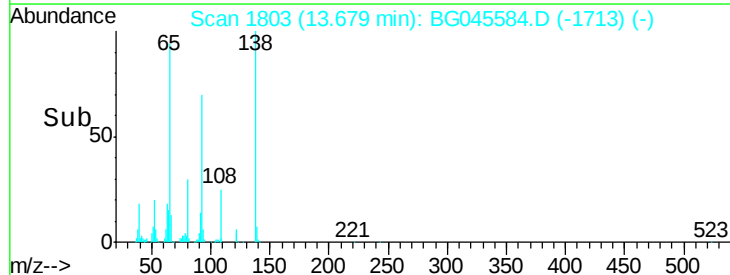
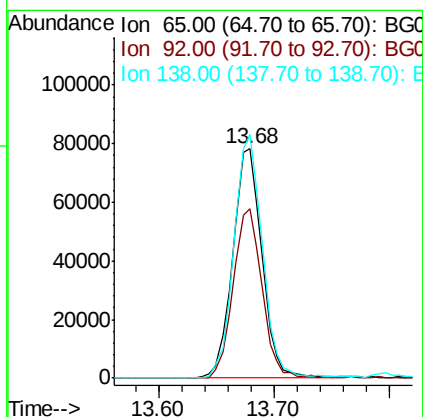
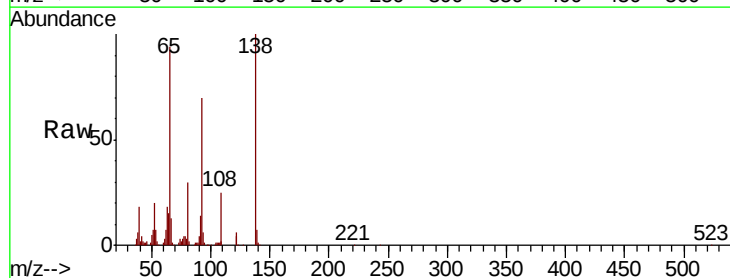
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.6	47.4
164	33.7	28.1	42.1



#48
2-Nitroaniline
Concen: 46.921 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	53.8	80.8
138	106.1	77.9	116.9





#49

Acenaphthylene

Concen: 47.644 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampled :

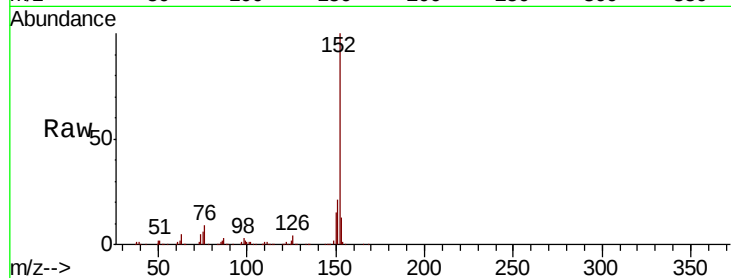
Tot Ion:152 Resp: 678496

Ion Ratio Lower Upper

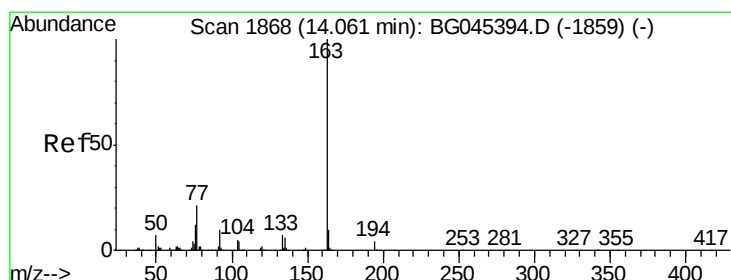
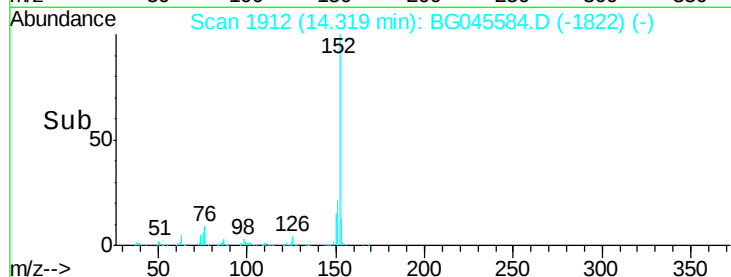
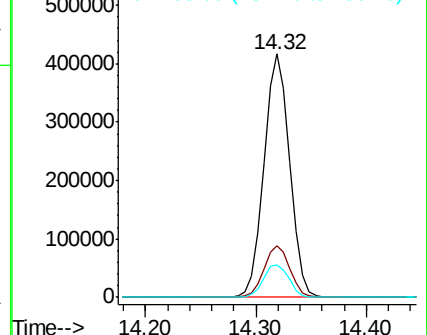
152 100

151 21.2 17.4 26.2

153 13.3 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: 46.425 ng

RT: 14.05 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

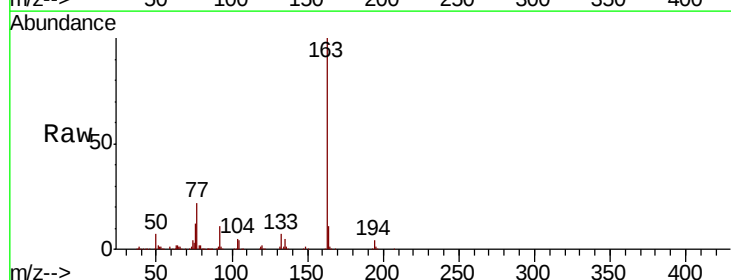
Tgt Ion:163 Resp: 565893

Ion Ratio Lower Upper

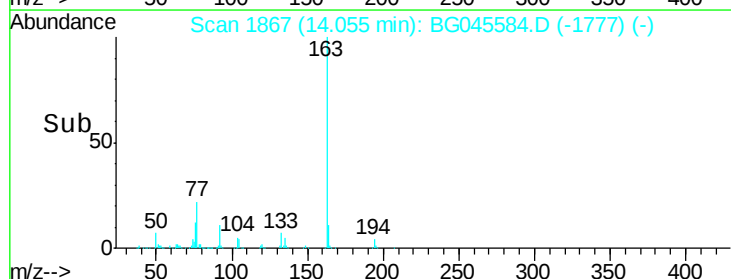
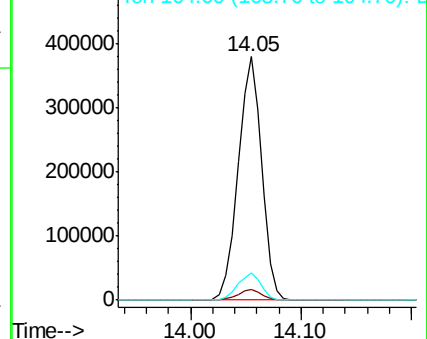
163 100

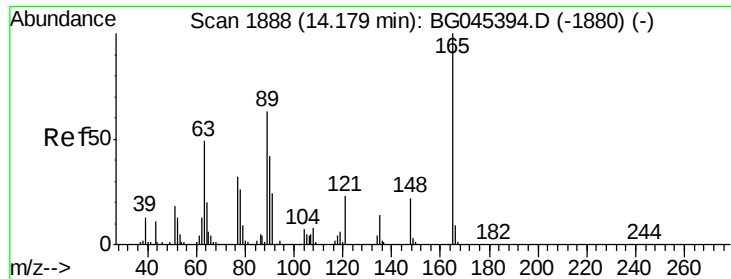
194 4.2 3.2 4.8

164 11.0 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

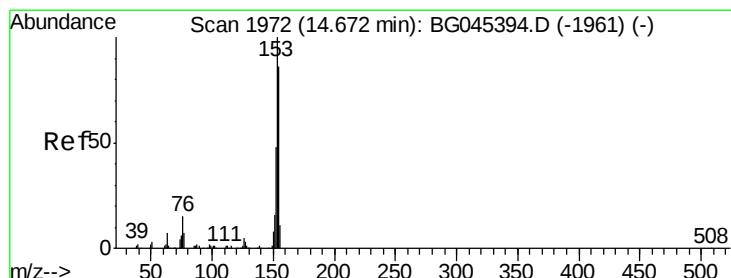
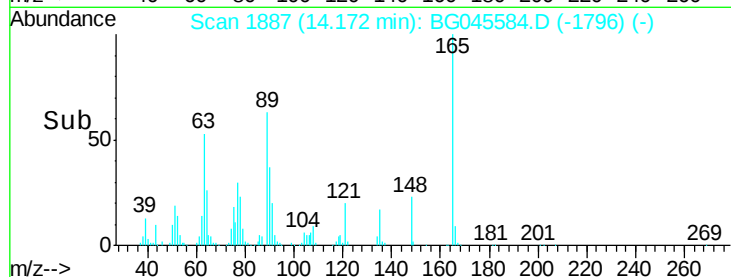
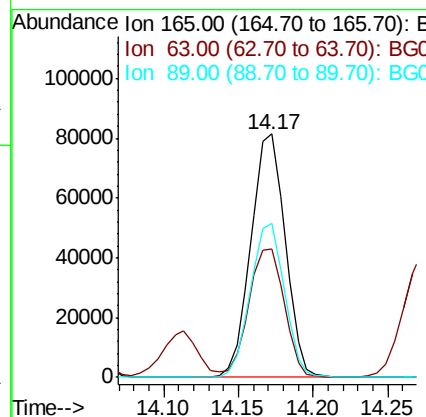
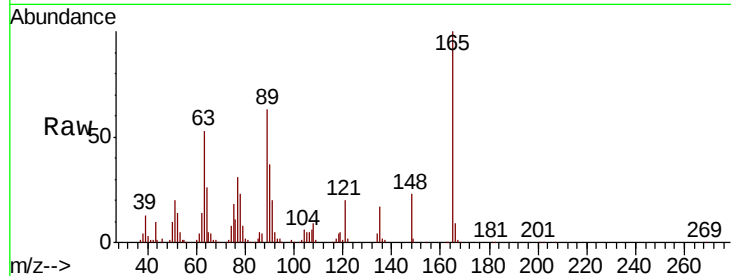




#51
 2,6-Dinitrotoluene
 Concen: 46.990 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

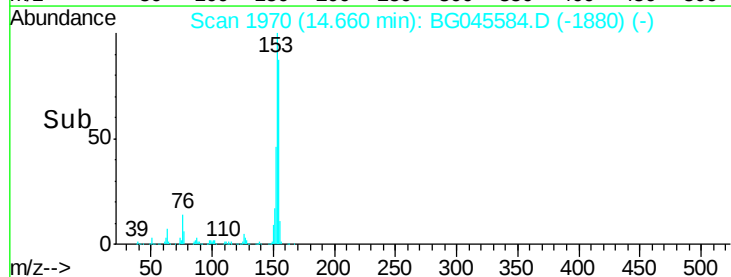
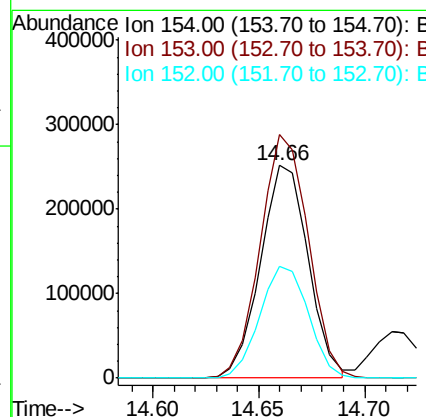
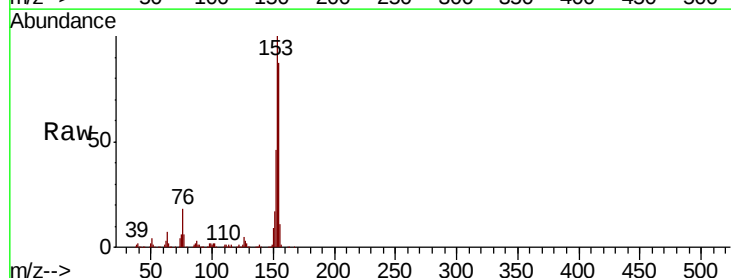
Instrument :
 BNA_G
 ClientSampled :

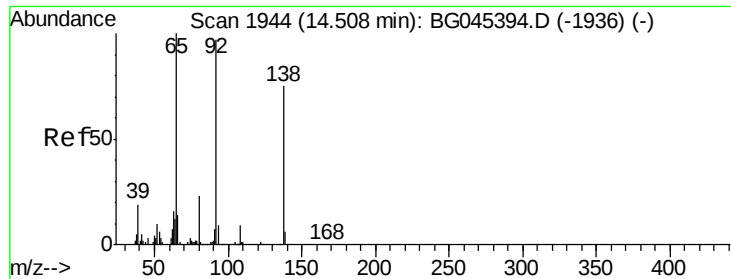
Tot Ion:165 Resp: 129246
 Ion Ratio Lower Upper
 165 100
 63 52.9 45.0 67.4
 89 63.2 50.2 75.4



#52
 Acenaphthene
 Concen: 41.570 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

Tgt Ion:154 Resp: 396276
 Ion Ratio Lower Upper
 154 100
 153 114.4 92.8 139.2
 152 52.5 44.6 66.8

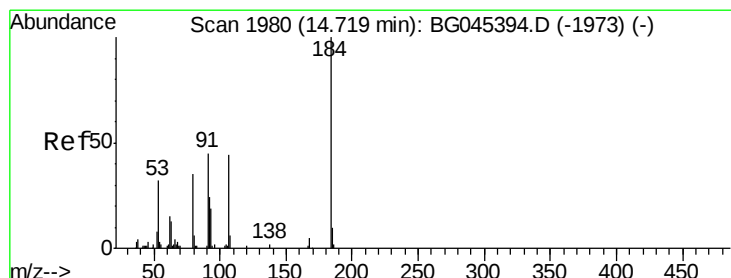
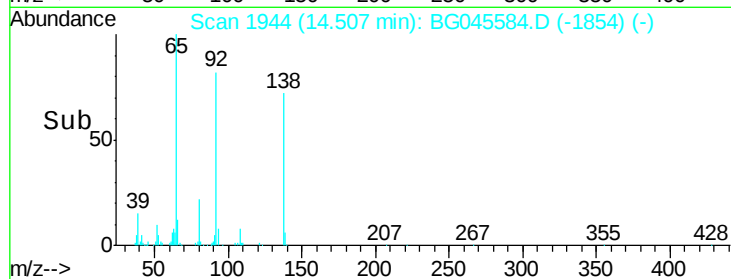
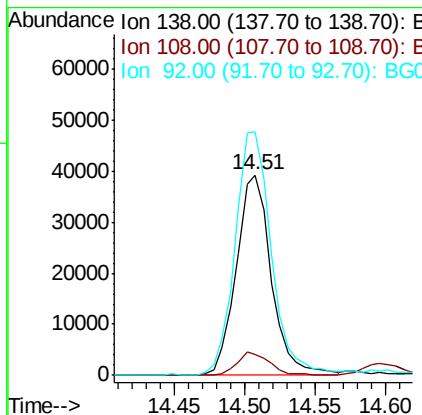
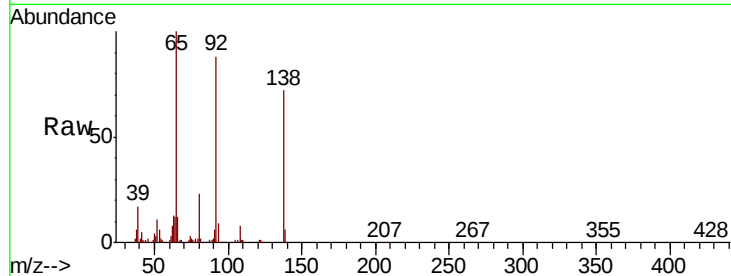




#53
3-Nitroaniline
Concen: 24.404 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

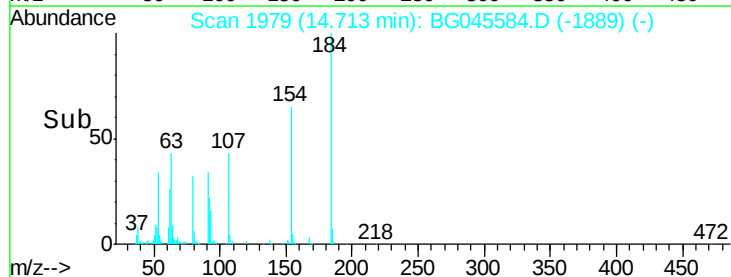
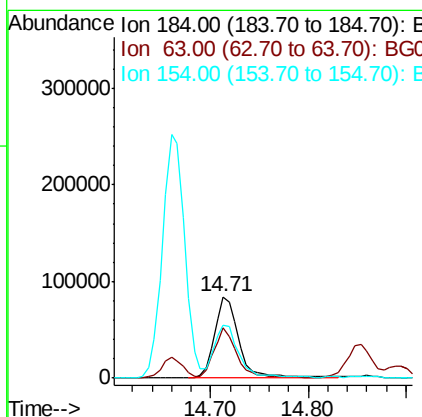
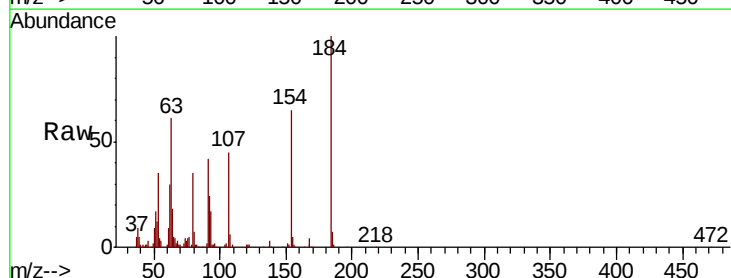
Instrument :
BNA_G
ClientSampleId :

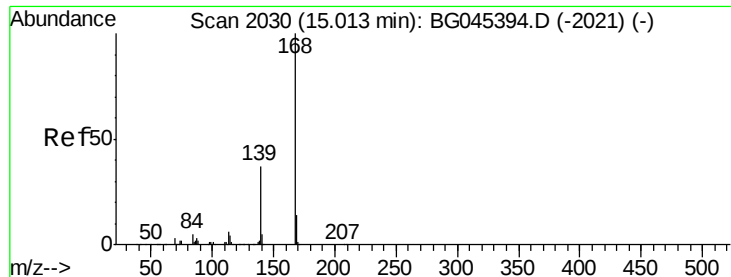
Tot Ion:138 Resp: 68235
Ion Ratio Lower Upper
138 100
108 10.7 9.8 14.6
92 121.5 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 81.149 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion:184 Resp: 146365
Ion Ratio Lower Upper
184 100
63 61.1 47.8 71.6
154 64.7 58.3 87.5





#55

Dibenzofuran

Concen: 46.481 ng

RT: 15.00 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

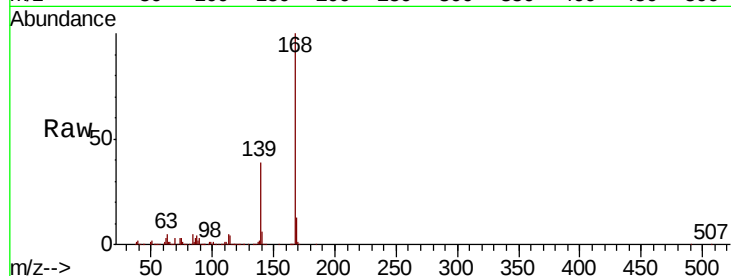
Tot Ion:168 Resp: 657996

Ion Ratio Lower Upper

168 100

139 39.1 29.9 44.9

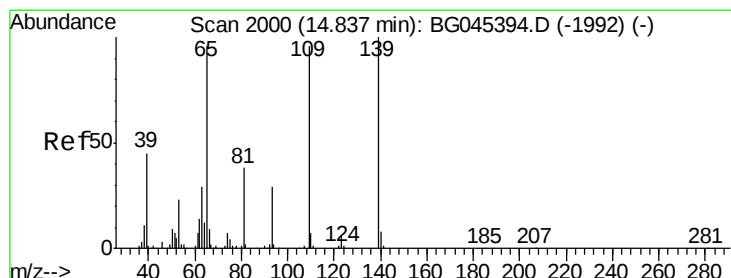
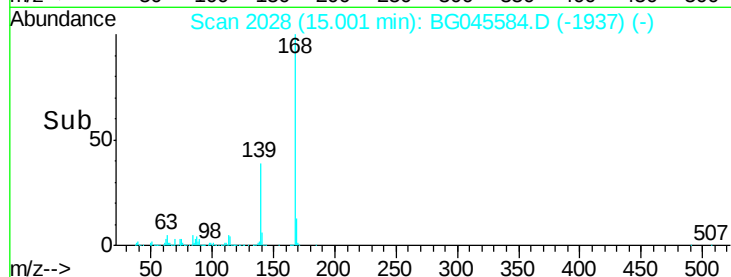
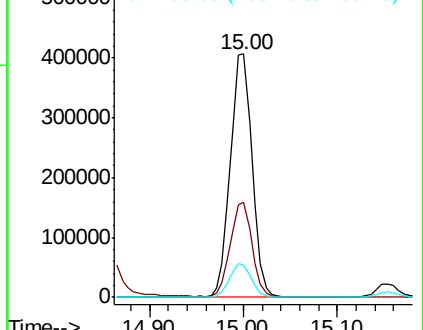
169 13.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.610 ng

RT: 14.85 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

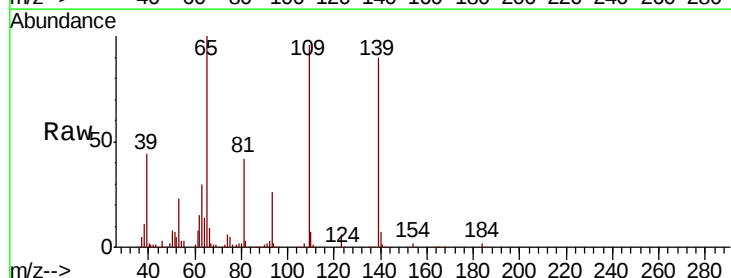
Tgt Ion:139 Resp: 193926

Ion Ratio Lower Upper

139 100

109 107.1 75.6 115.6

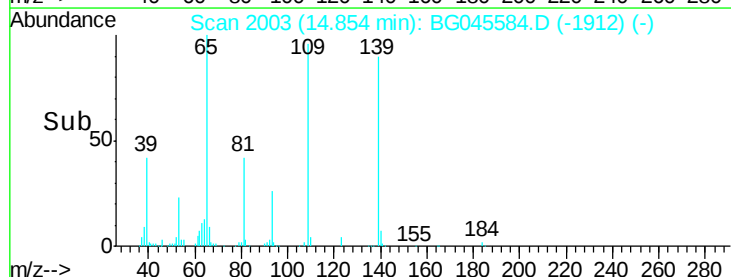
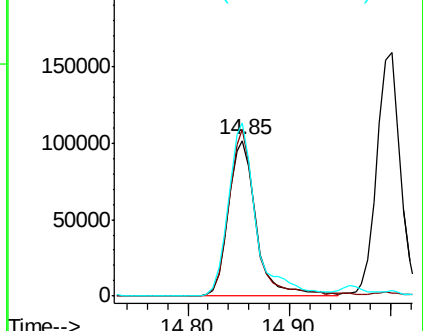
65 111.1 76.8 116.8

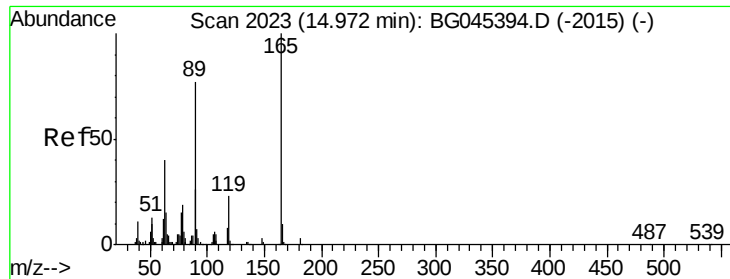


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

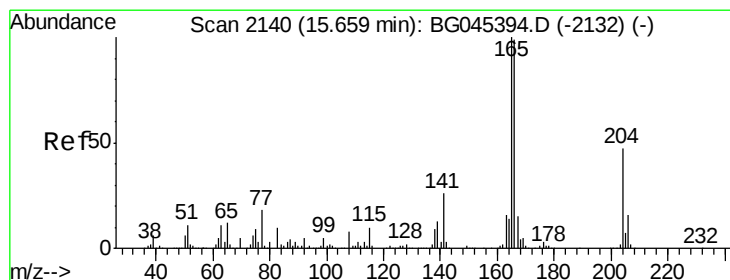
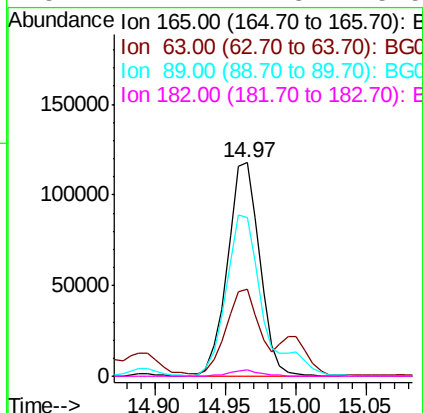
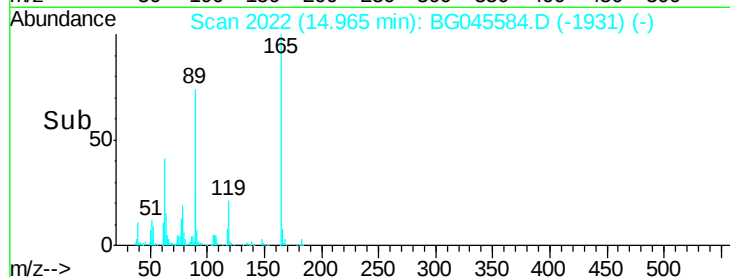
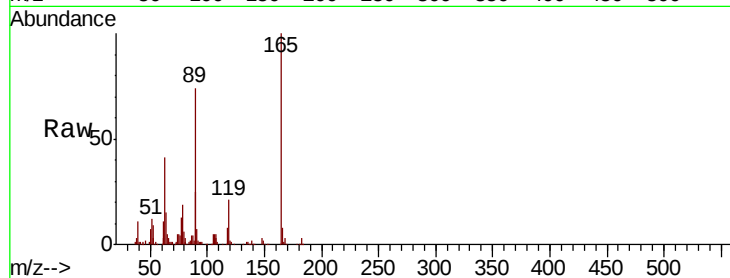




#57
2,4-Dinitrotoluene
Concen: 47.038 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

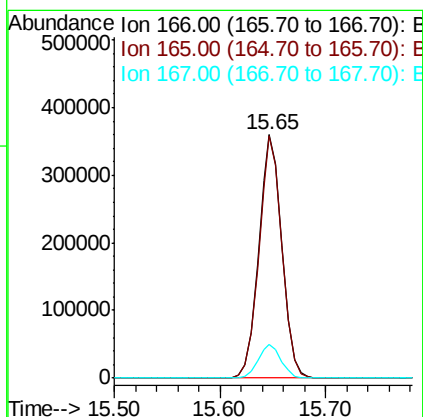
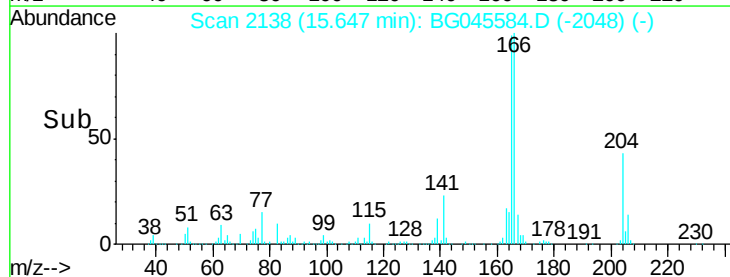
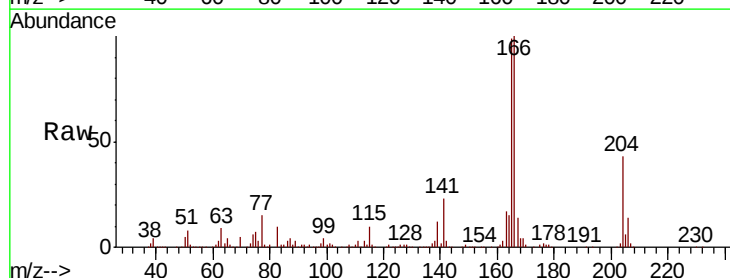
Instrument :
BNA_G
ClientSampleId :

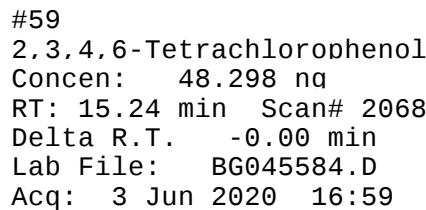
Tot Ion:165 Resp: 187375
Ion Ratio Lower Upper
165 100
63 40.9 32.5 48.7
89 74.2 61.8 92.6
182 2.7 2.3 3.5



#58
Fluorene
Concen: 47.023 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

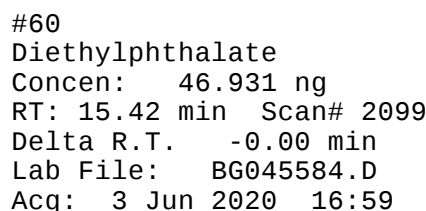
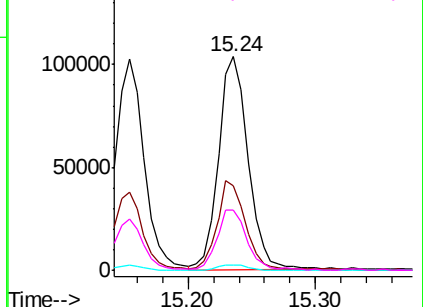
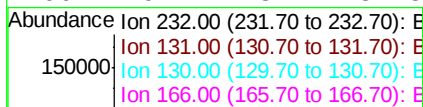
Tgt Ion:166 Resp: 546873
Ion Ratio Lower Upper
166 100
165 99.3 80.8 121.2
167 14.1 12.0 18.0



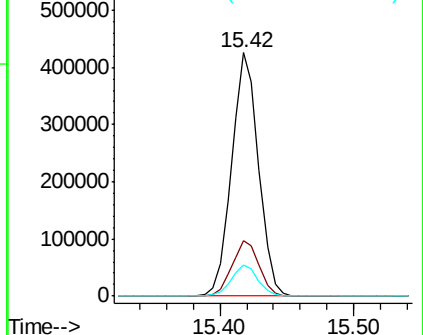


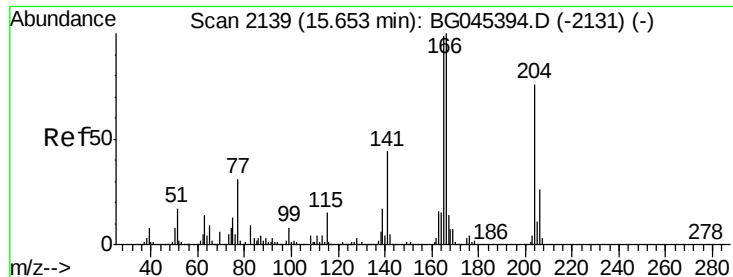
Instrument :
BNA_G
ClientSampleId :

Tot	Ion:232	Resp:	167410
Ion	Ratio	Lower	Upper
232	100		
131	41.9	33.7	50.5
130	2.5	2.1	3.1
166	29.2	23.2	34.8



Tgt	Ion:149	Resp:	595423
Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.0	28.4
150	13.0	11.4	17.0

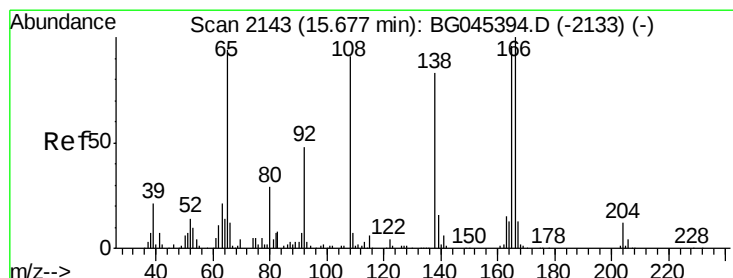
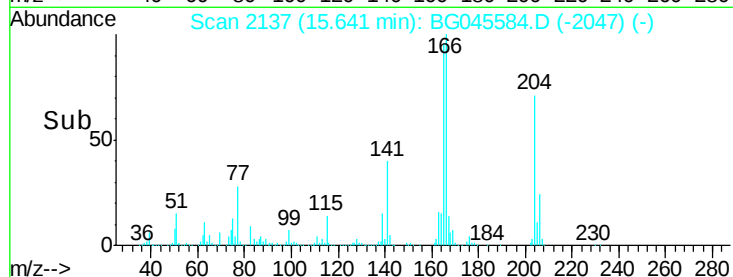
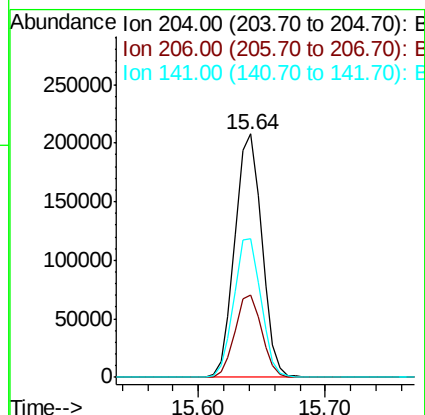
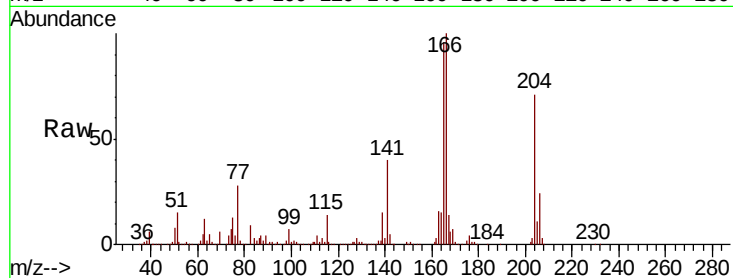




#61
4-Chlorophenyl-phenylether
Concen: 45.859 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

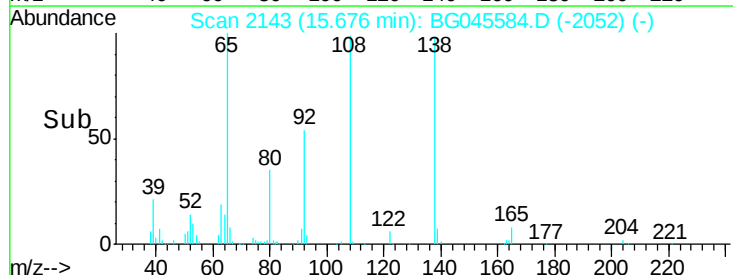
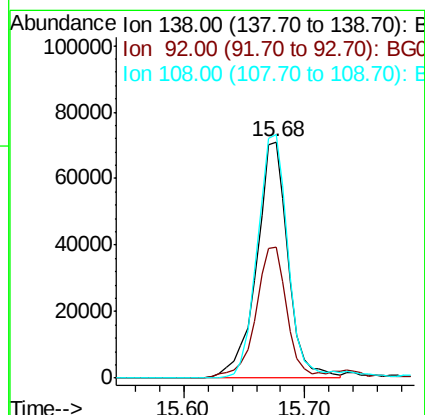
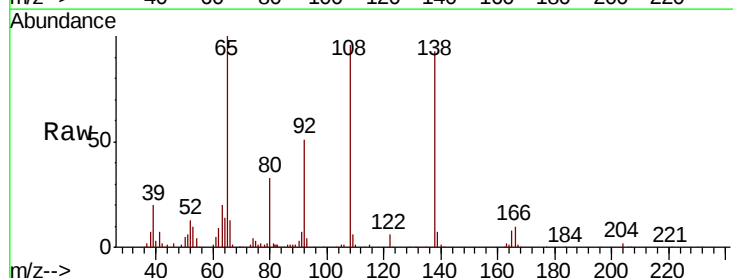
Instrument :
BNA_G
ClientSampled :

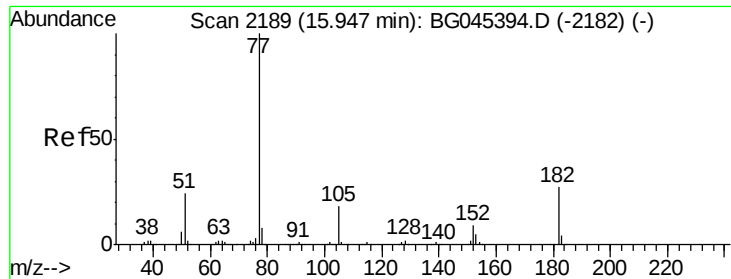
Tot Ion:204 Resp: 305197
Ion Ratio Lower Upper
204 100
206 33.6 27.3 40.9
141 57.0 45.9 68.9



#62
4-Nitroaniline
Concen: 44.205 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion:138 Resp: 129033
Ion Ratio Lower Upper
138 100
92 55.3 38.0 78.0
108 103.1 89.3 129.3





#63

Azobenzene

Concen: 47.110 ng

RT: 15.93 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

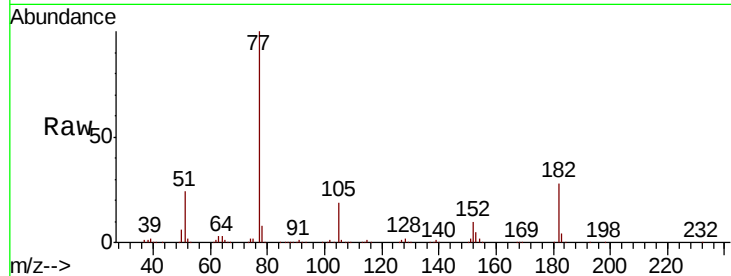
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 557307

Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.5	46.5
105	19.0	0.0	37.9
51	24.0	4.1	44.1

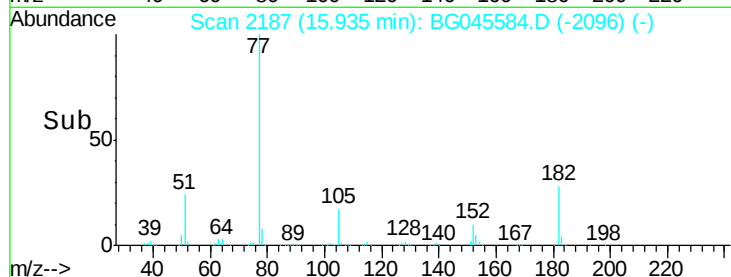


Abundance Ion 77.00 (76.70 to 77.70): BGC

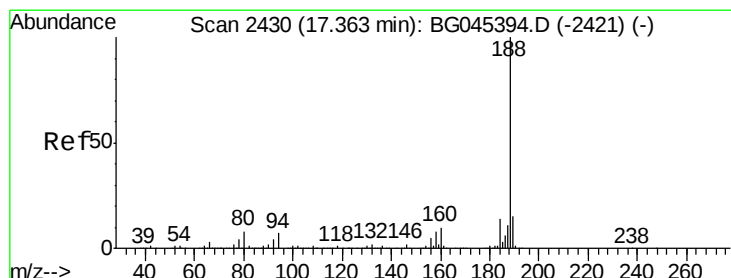
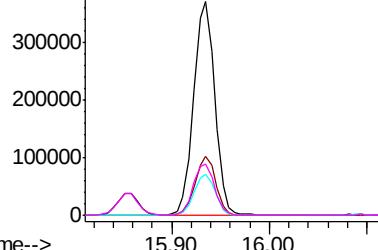
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2427

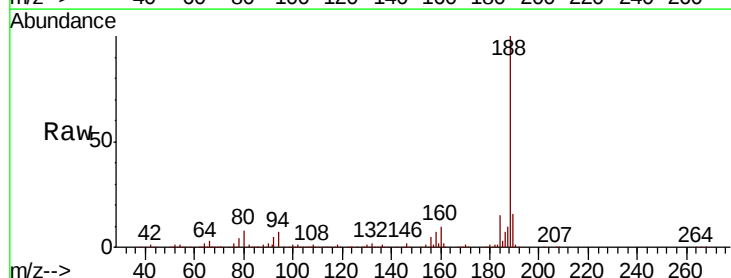
Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion: 188 Resp: 426779

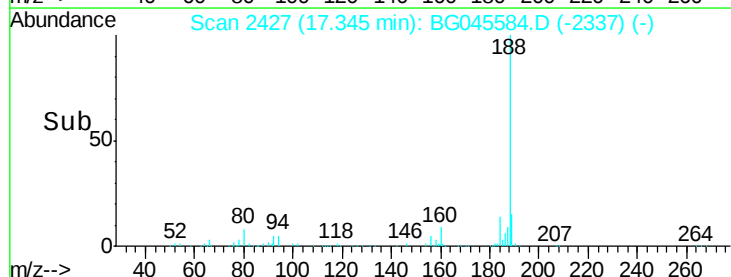
Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.5	8.3
80	8.5	6.6	10.0



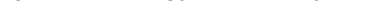
Abundance Ion 188.00 (187.70 to 188.70): BGC

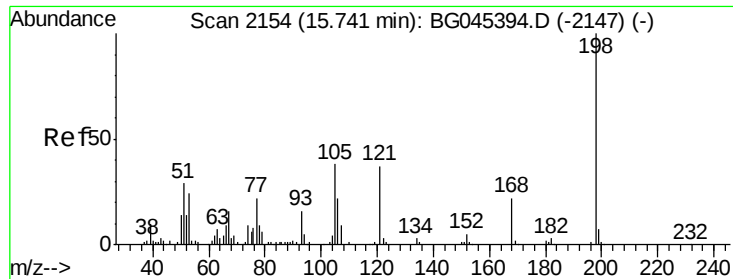
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 47.739 ng

RT: 15.73 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampled :

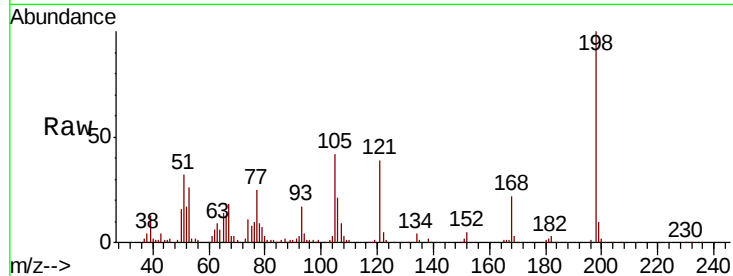
Tot Ion:198 Resp: 118657

Ion Ratio Lower Upper

198 100

51 31.8 10.0 50.0

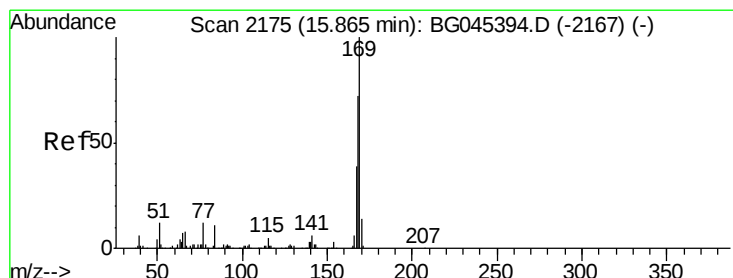
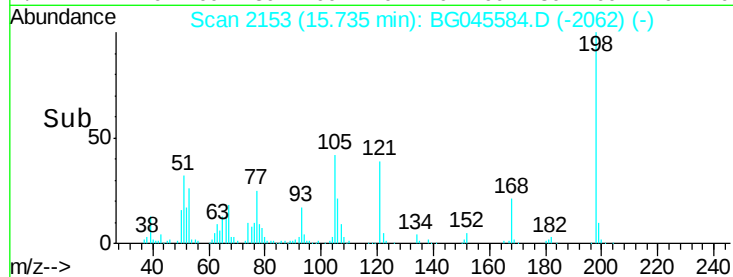
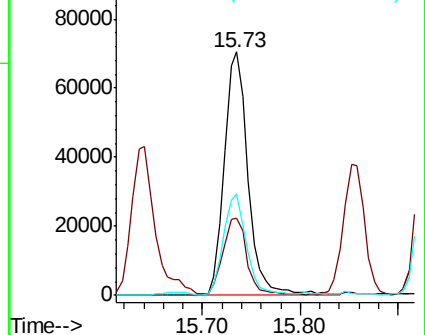
105 41.7 18.9 58.9



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: 48.420 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

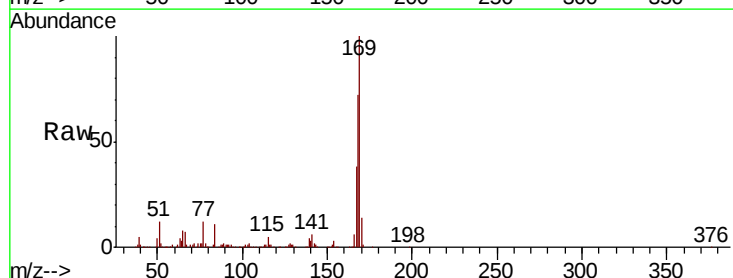
Tgt Ion:169 Resp: 496153

Ion Ratio Lower Upper

169 100

168 71.8 57.8 86.6

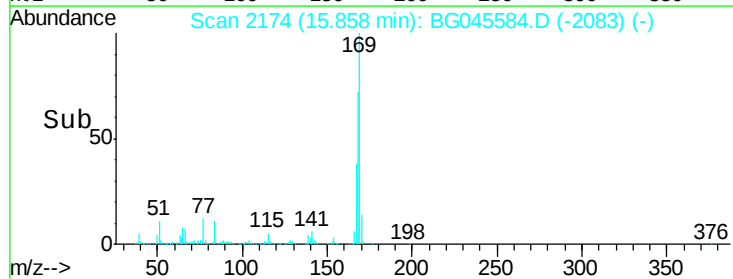
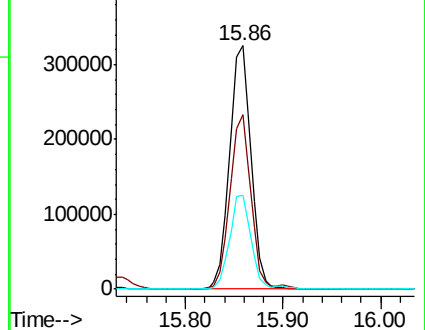
167 38.3 31.5 47.3

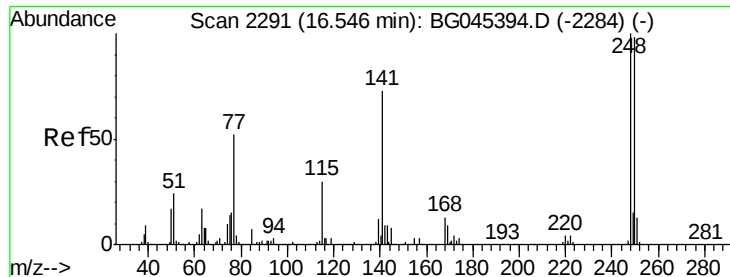


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

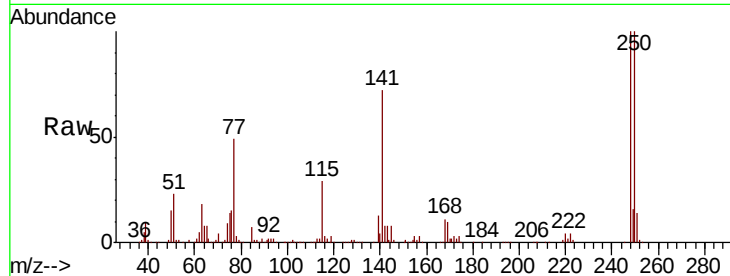




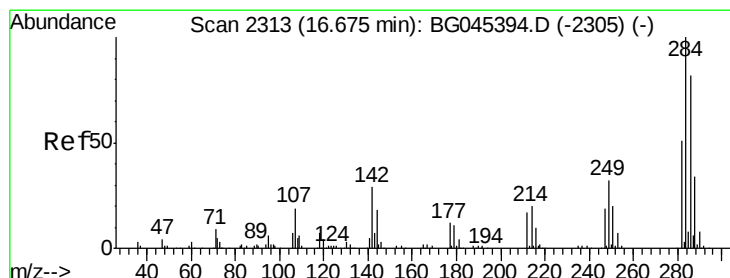
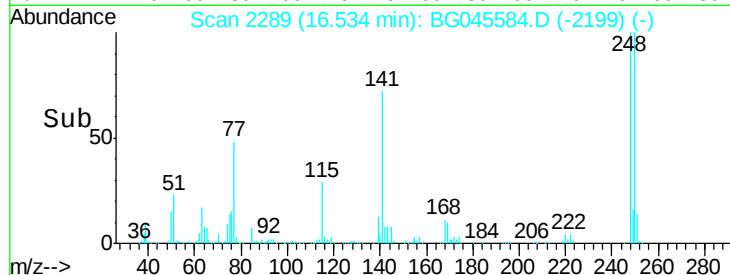
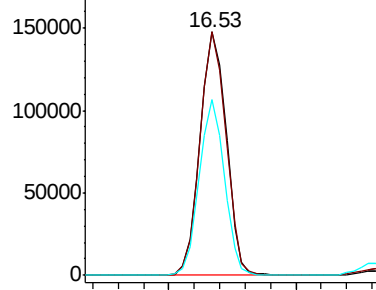
#67
4-Bromophenyl-phenylether
Concen: 45.818 ng
RT: 16.53 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 211740
Ion Ratio Lower Upper
248 100
250 100.0 78.6 117.8
141 72.1 58.2 87.2

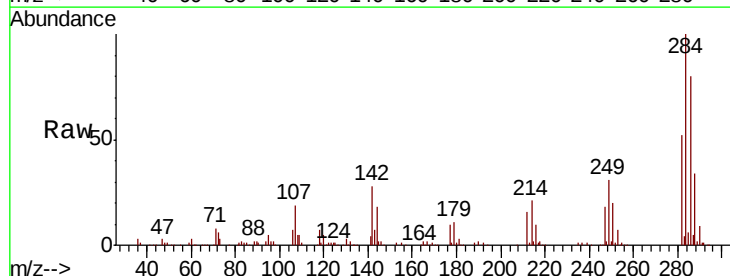


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

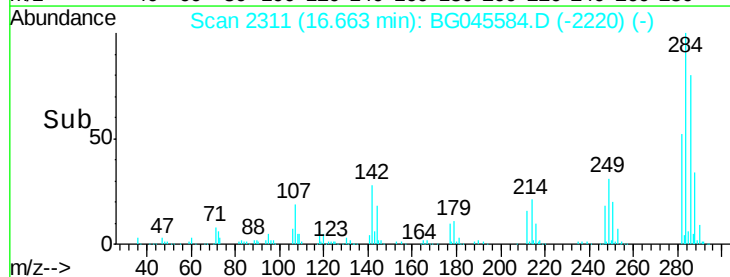
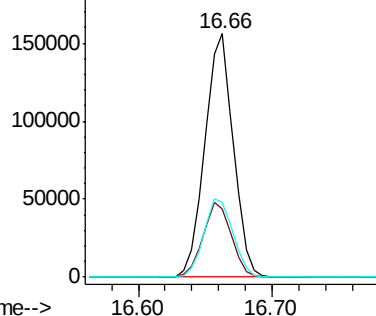


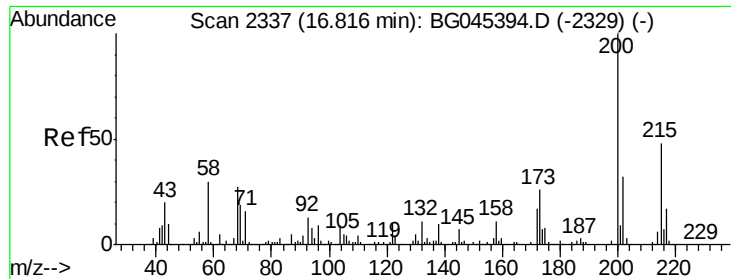
#68
Hexachlorobenzene
Concen: 47.734 ng
RT: 16.66 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion:284 Resp: 230725
Ion Ratio Lower Upper
284 100
142 28.2 23.0 34.6
249 30.9 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

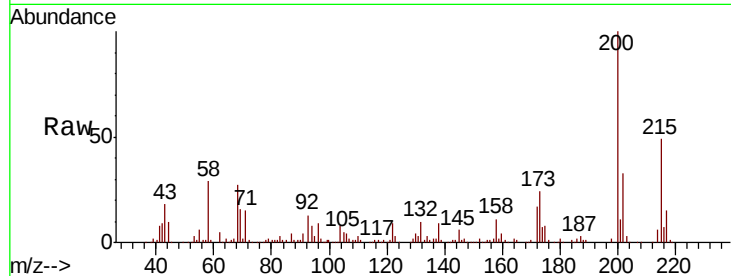




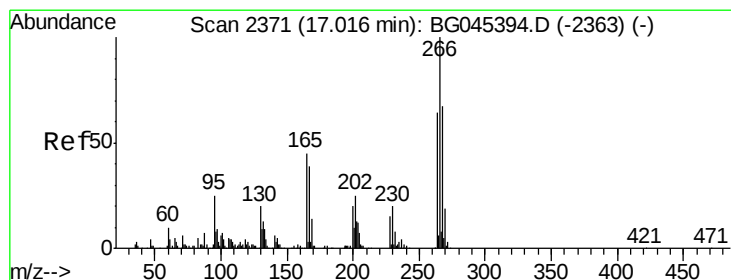
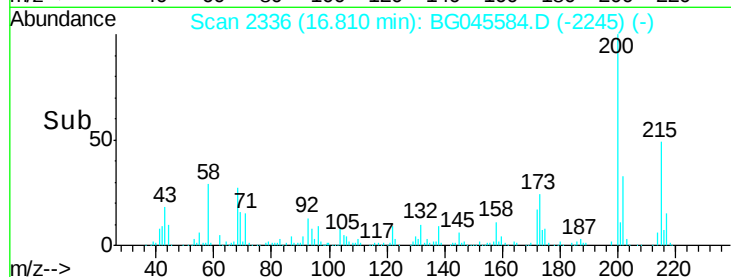
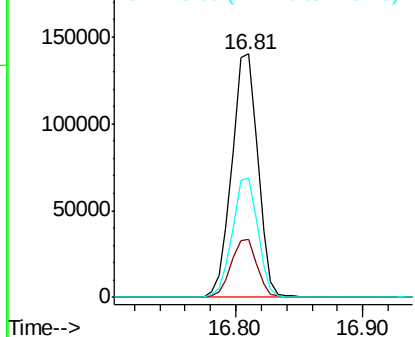
#69
Atrazine
Concen: 47.076 ng
RT: 16.81 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.5	45.5
215	49.0	28.2	68.2

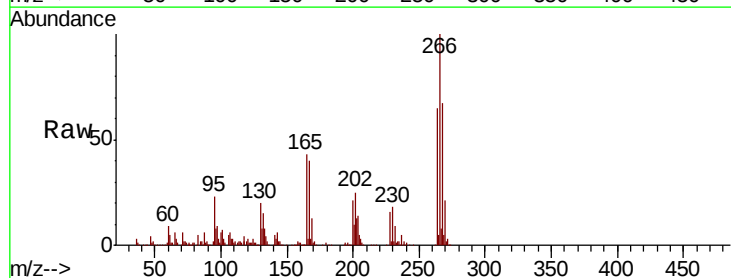


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

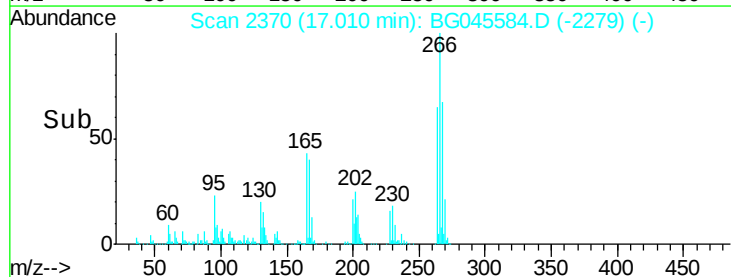
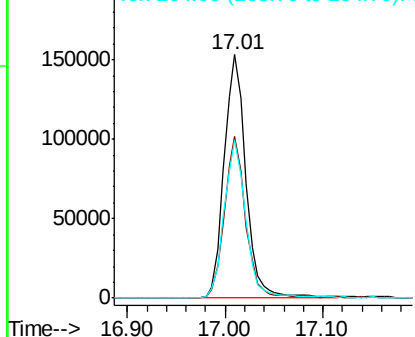


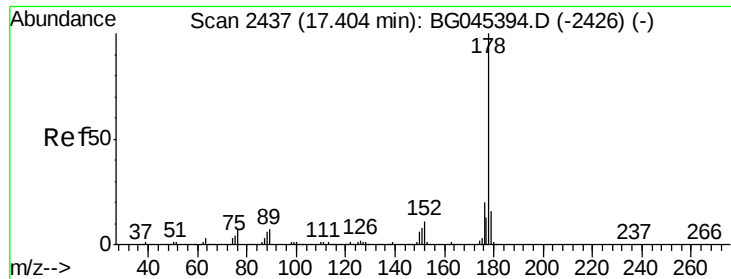
#70
Pentachlorophenol
Concen: 94.940 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	53.2	79.8
264	65.0	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

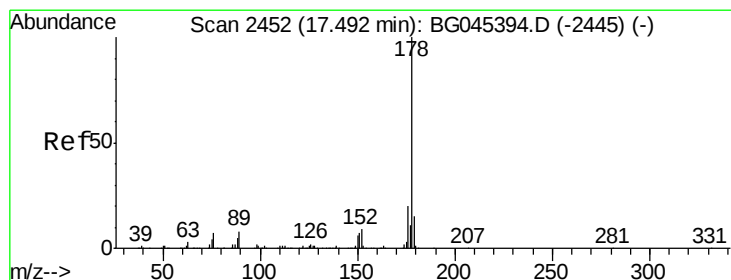
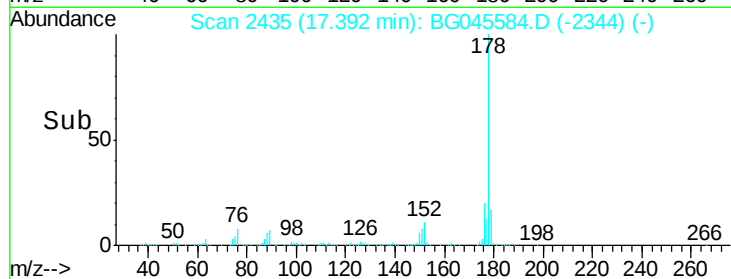
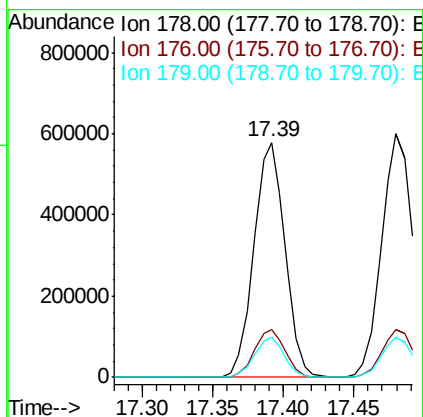
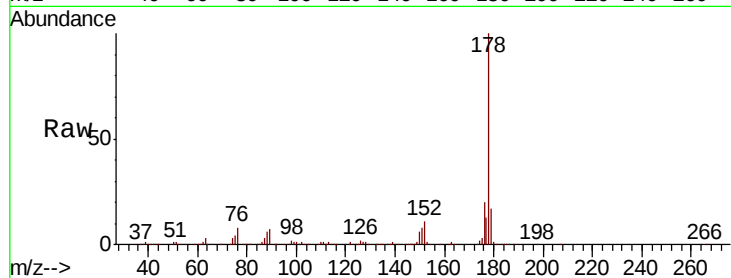




#71
Phenanthrene
Concen: 48.227 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

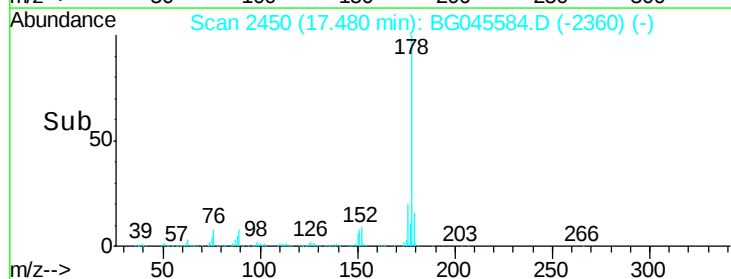
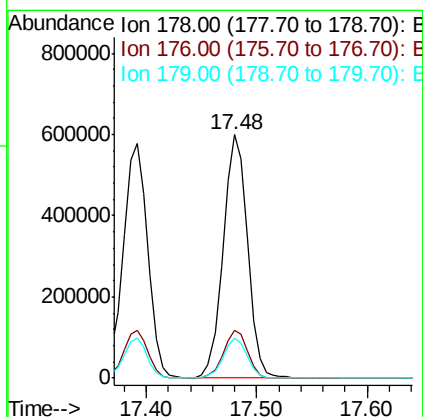
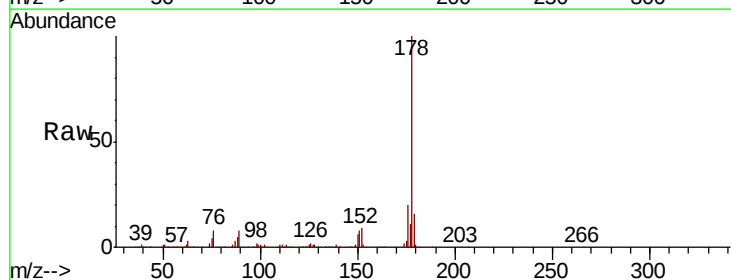
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 898526
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 17.0 13.1 19.7



#72
Anthracene
Concen: 49.399 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion:178 Resp: 924254
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.3 12.2 18.4





#73

Carbazole

Concen: 47.106 ng

RT: 17.75 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

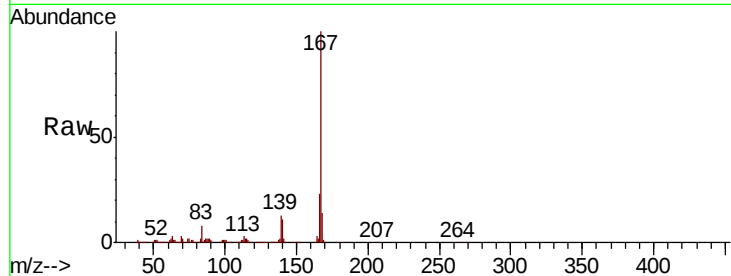
Tot Ion:167 Resp: 859111

Ion Ratio Lower Upper

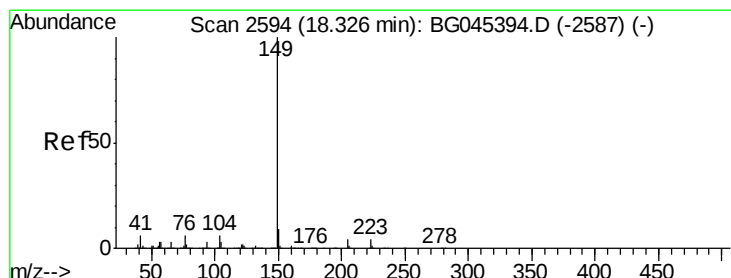
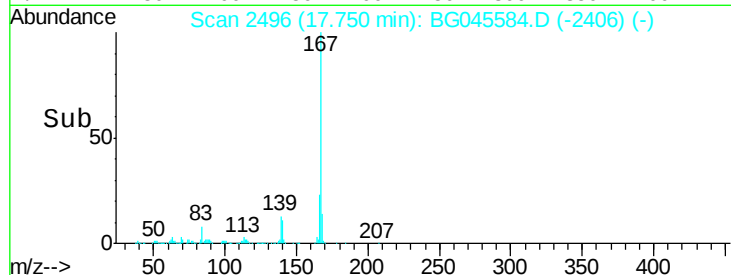
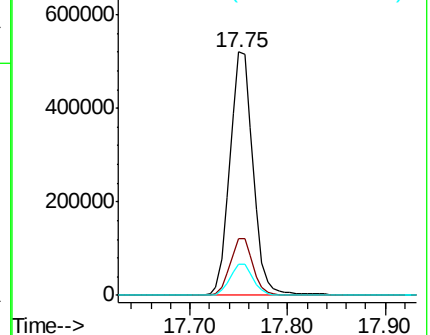
167 100

166 23.2 19.2 28.8

139 13.0 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.424 ng

RT: 18.31 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

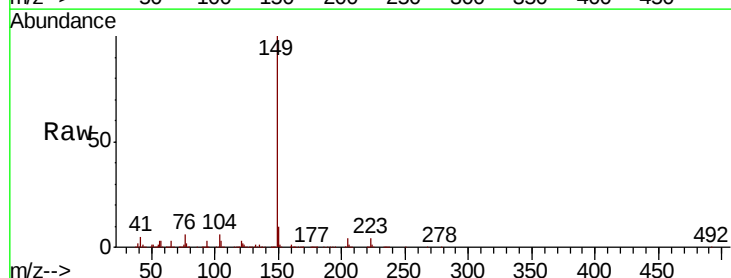
Tgt Ion:149 Resp: 1038123

Ion Ratio Lower Upper

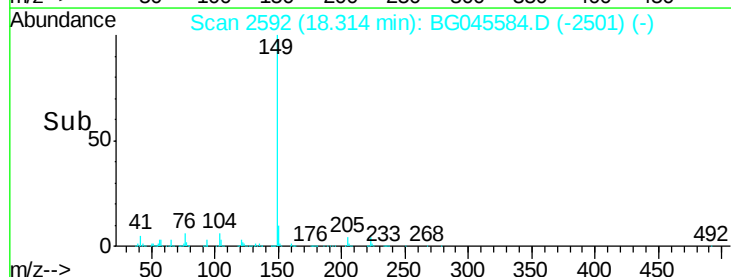
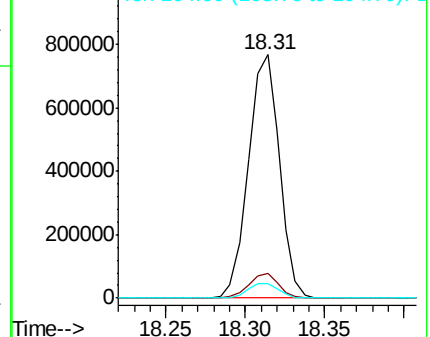
149 100

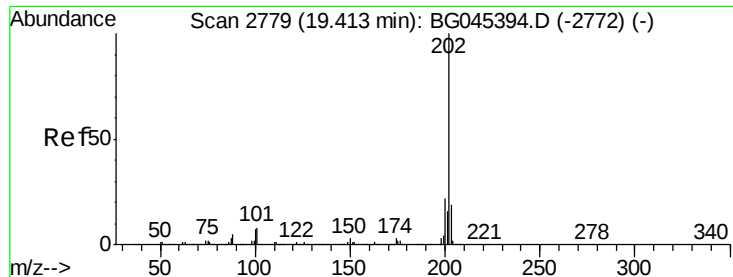
150 10.1 7.6 11.4

104 6.0 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: 48.353 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampled :

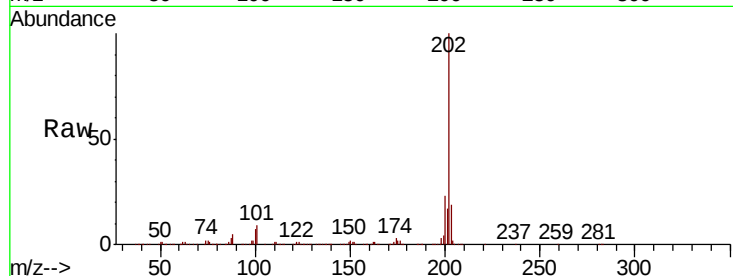
Tot Ion:202 Resp: 1145871

Ion Ratio Lower Upper

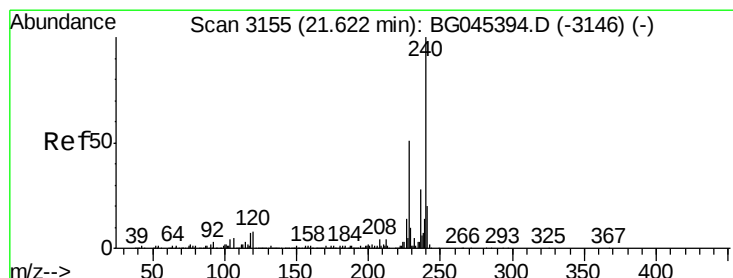
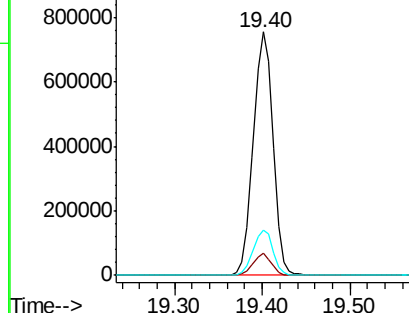
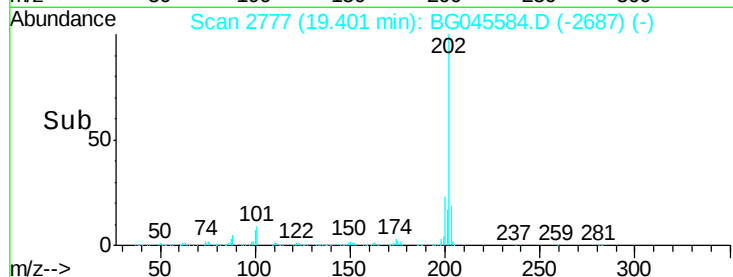
202 100

101 9.1 0.0 28.3

203 18.7 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: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

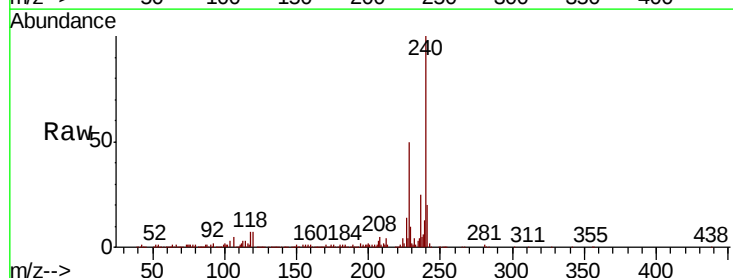
Tgt Ion:240 Resp: 390188

Ion Ratio Lower Upper

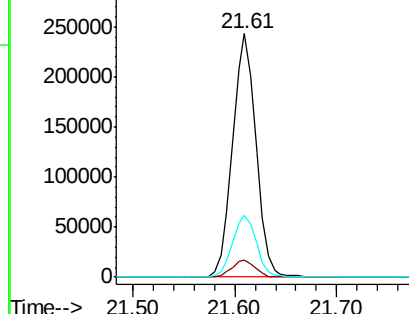
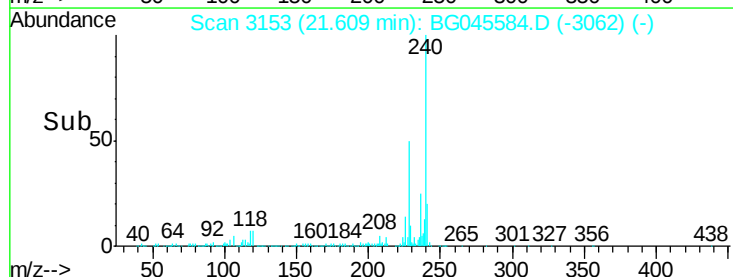
240 100

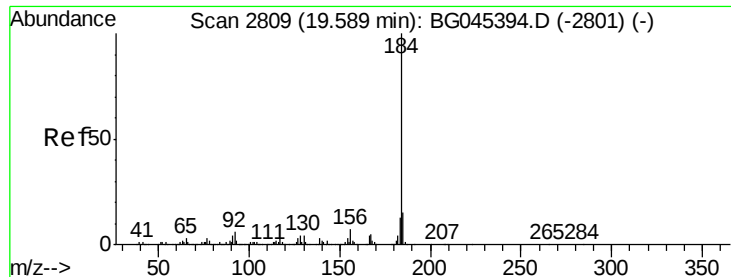
120 6.9 6.1 9.1

236 25.2 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: 37.183 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

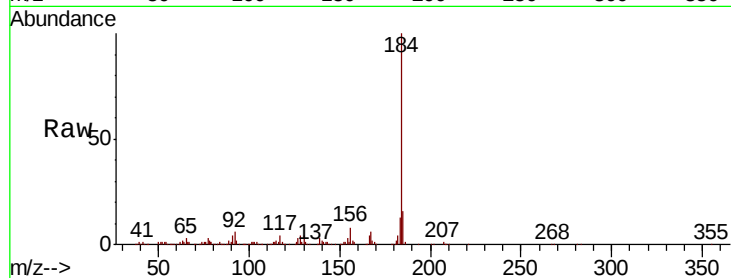
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 407477

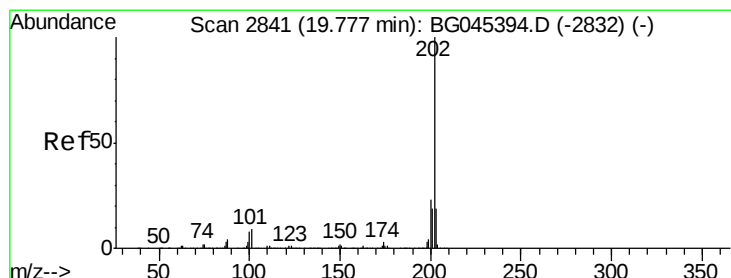
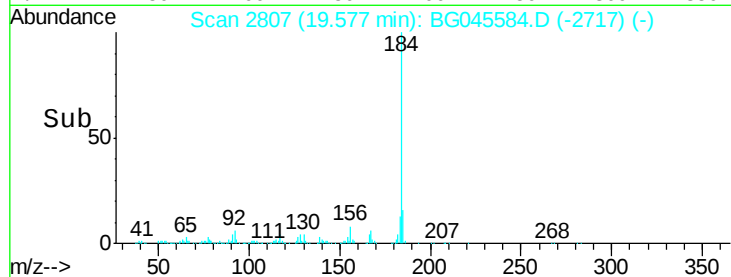
Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.7	17.5
183	12.5	10.2	15.4



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: 50.572 ng

RT: 19.76 min Scan# 2838

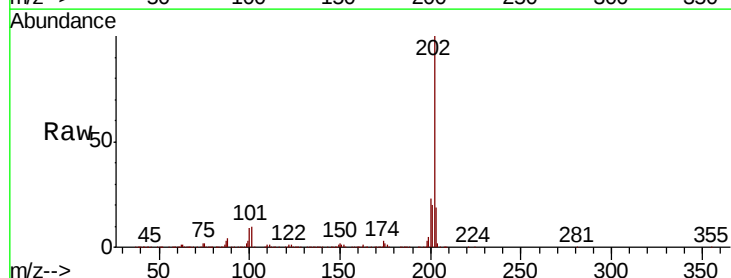
Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion:202 Resp: 1124828

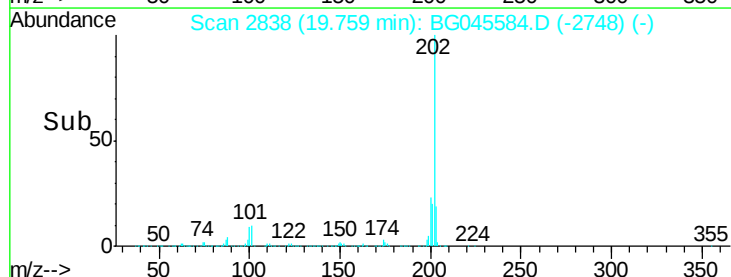
Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.2	27.2
203	19.4	15.1	22.7

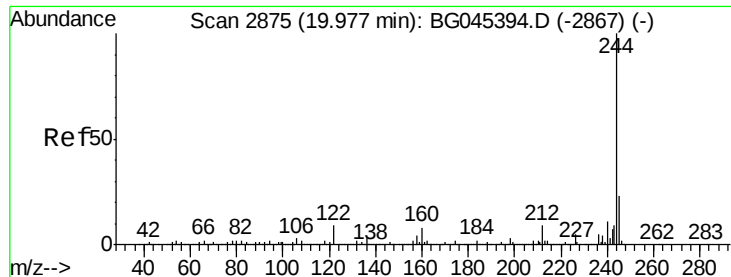


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.128 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

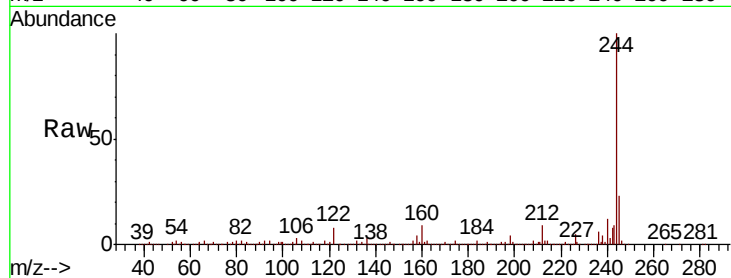
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1742033

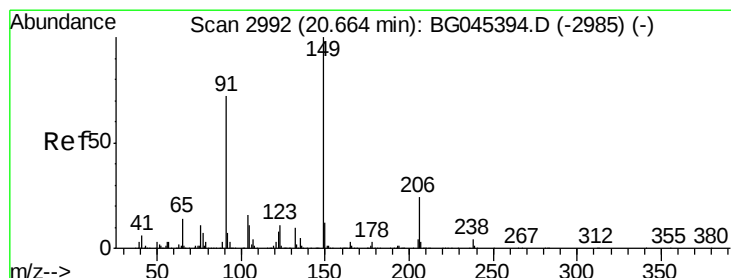
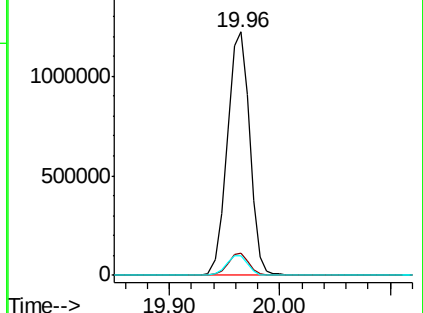
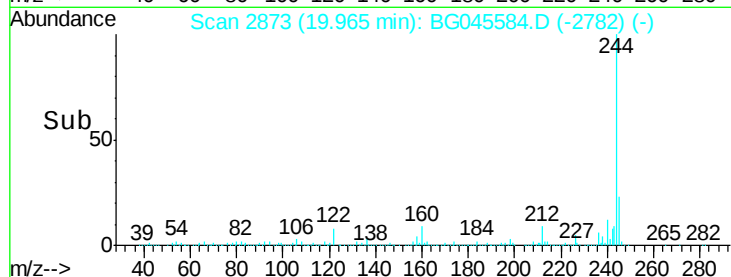
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.4	11.0
122	8.3	6.8	10.2



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: 47.311 ng

RT: 20.65 min Scan# 2990

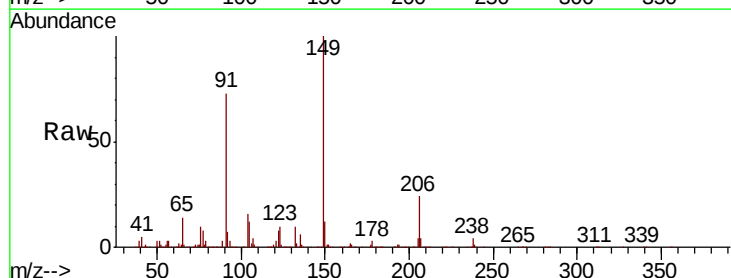
Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion:149 Resp: 454209

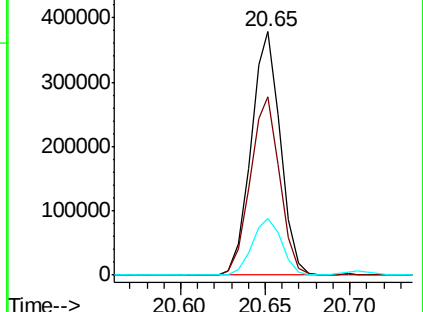
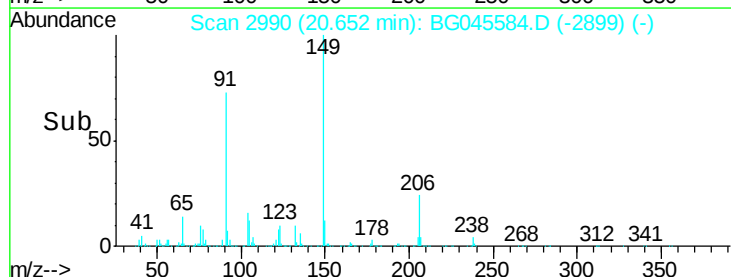
Ion	Ratio	Lower	Upper
149	100		
91	73.0	57.8	86.6
206	23.6	19.1	28.7

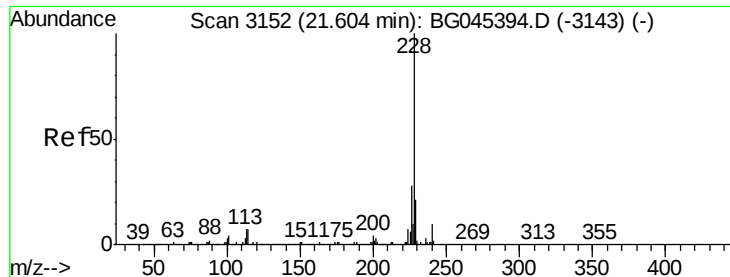


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

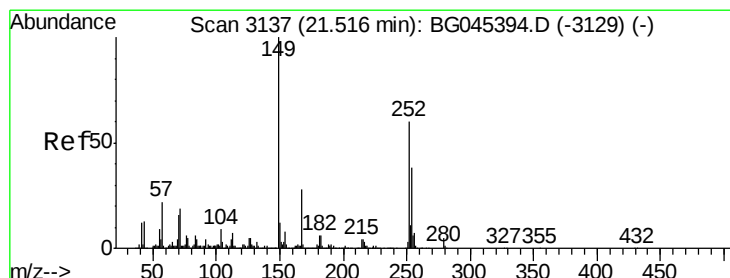
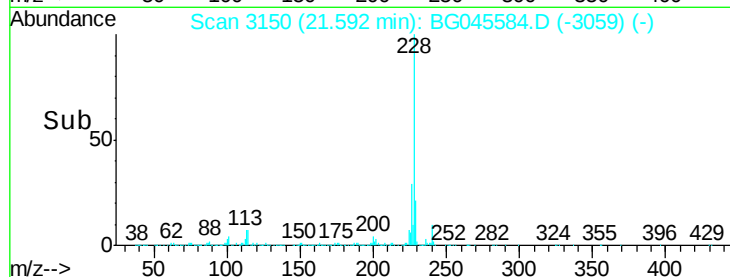
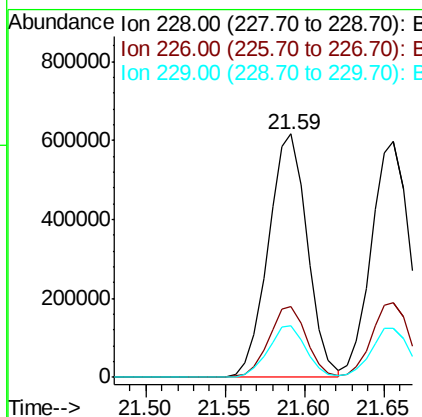
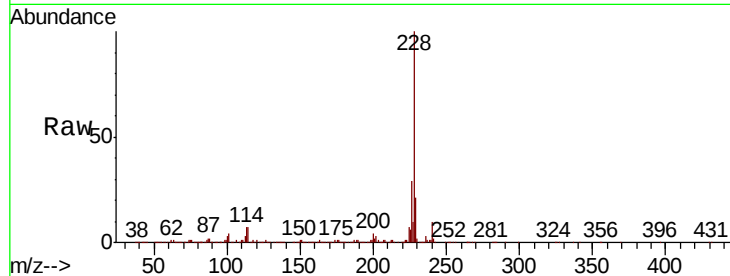




#81
Benzo(a)anthracene
Concen: 48.538 ng
RT: 21.59 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

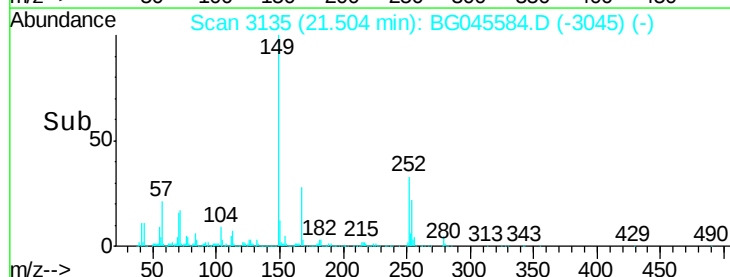
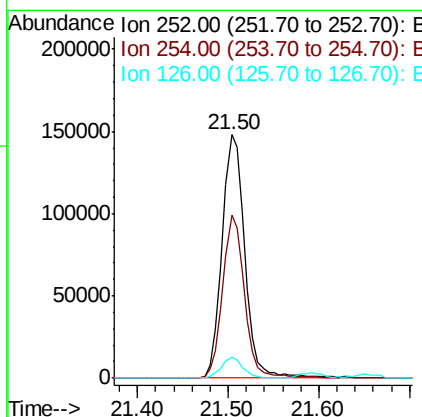
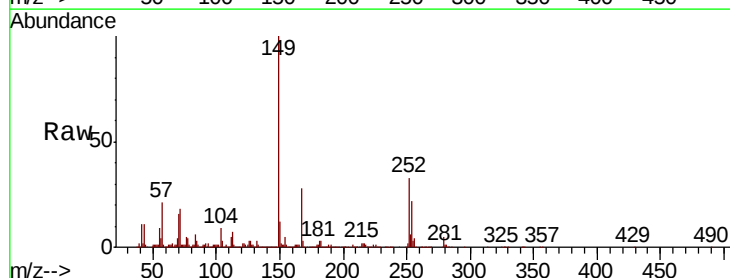
Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1055029
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 21.1 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 30.167 ng
RT: 21.50 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion:252 Resp: 257211
Ion Ratio Lower Upper
252 100
254 66.9 51.3 76.9
126 8.6 6.6 10.0





#83

Chrysene

Concen: 48.319 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

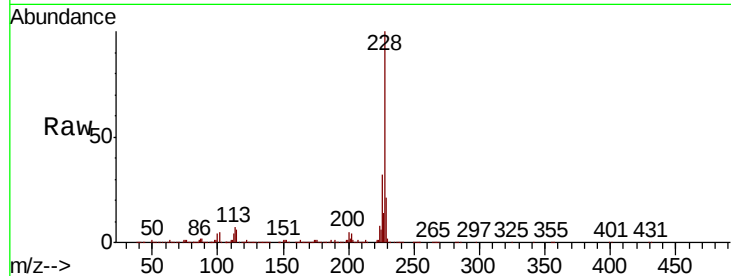
Tot Ion:228 Resp: 1009881

Ion Ratio Lower Upper

228 100

226 31.8 25.2 37.8

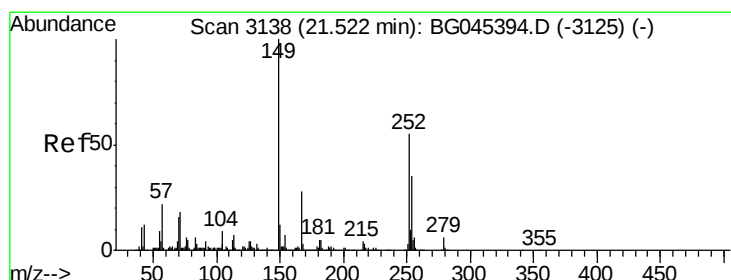
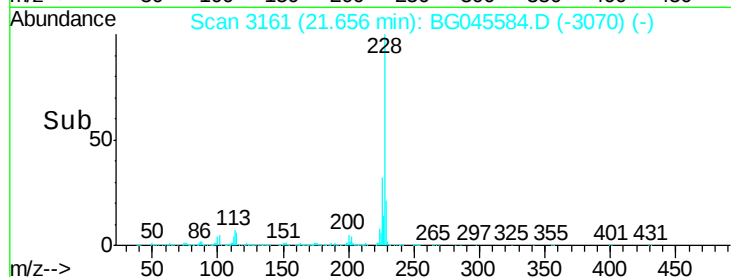
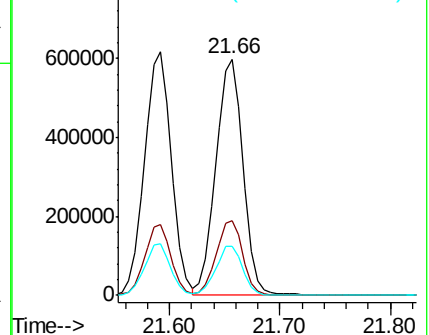
229 20.7 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.691 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

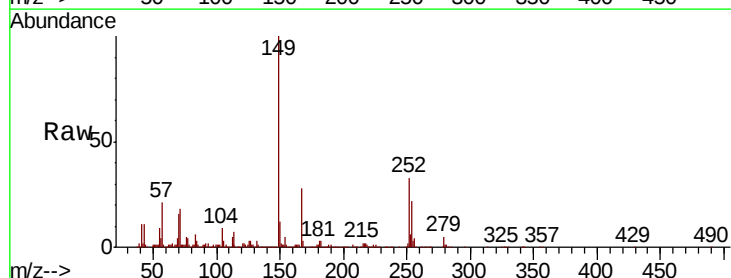
Tgt Ion:149 Resp: 629389

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

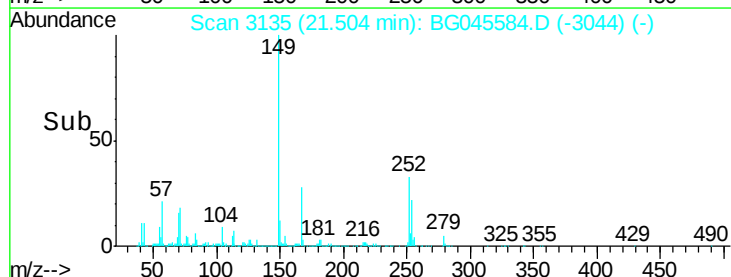
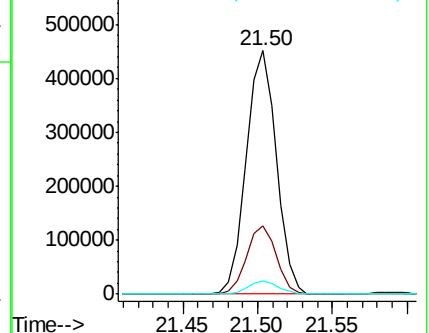
279 5.4 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

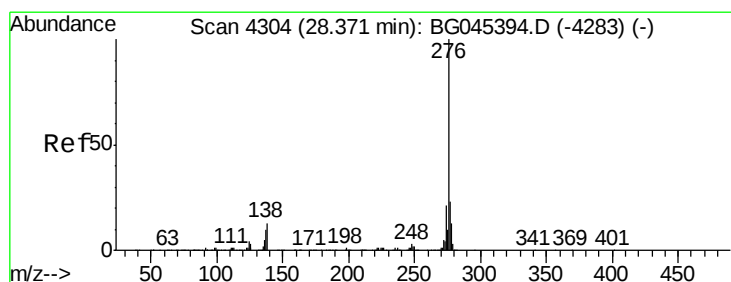
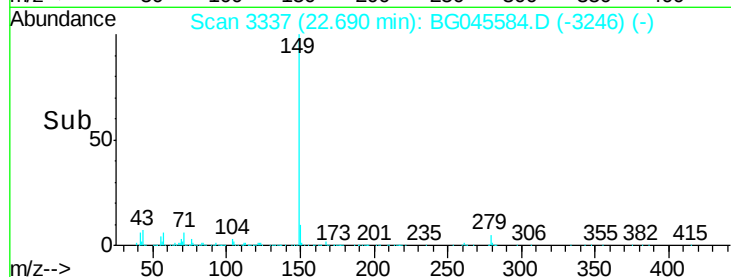
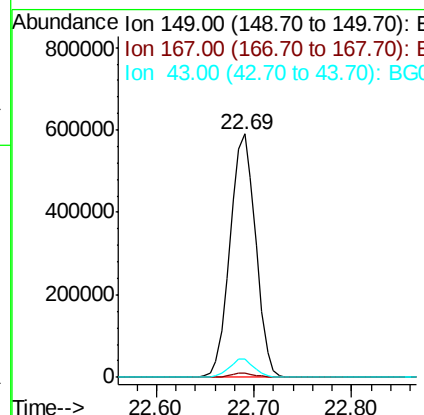
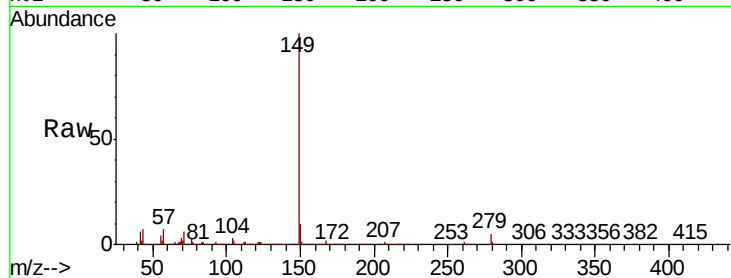




#85
Di-n-octyl phthalate
Concen: 47.164 ng
RT: 22.69 min Scan# 3337
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

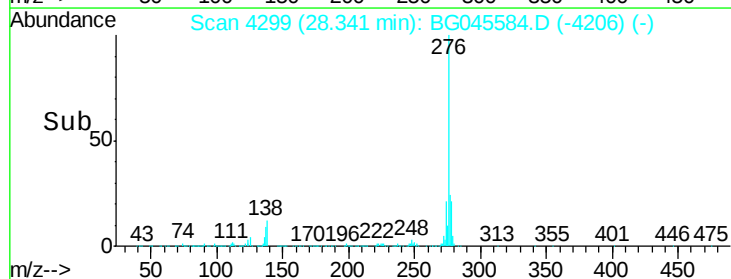
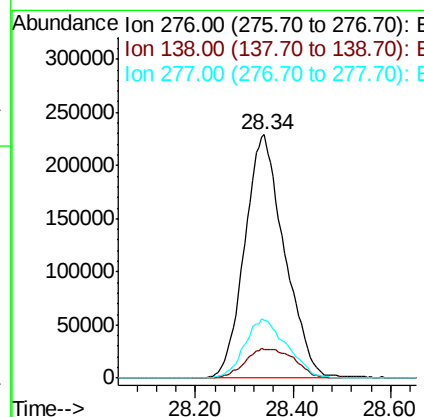
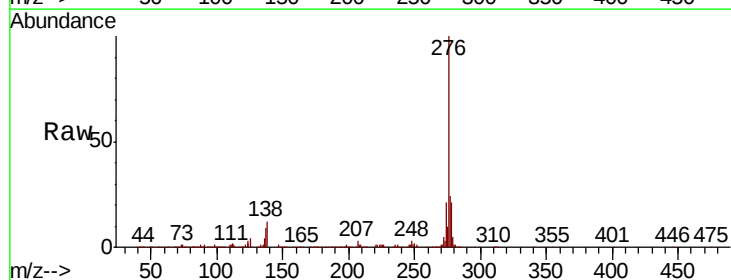
Instrument :
BNA_G
ClientSampleId :

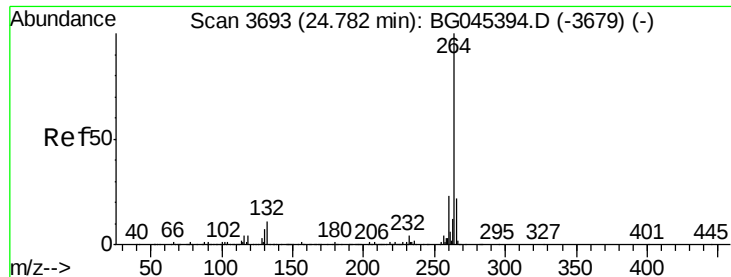
Tot Ion:149 Resp: 1069044
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.2 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.371 ng
RT: 28.34 min Scan# 4299
Delta R.T. 0.02 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion:276 Resp: 1294662
Ion Ratio Lower Upper
276 100
138 15.0 8.6 12.8#
277 25.7 20.2 30.4

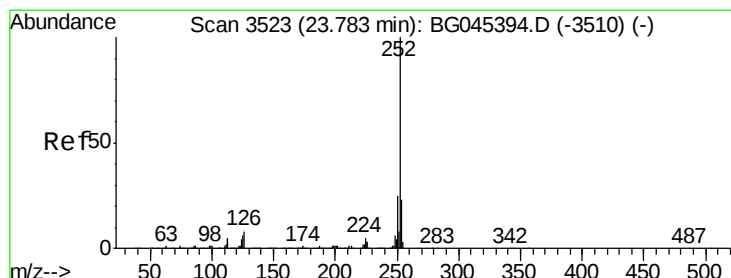
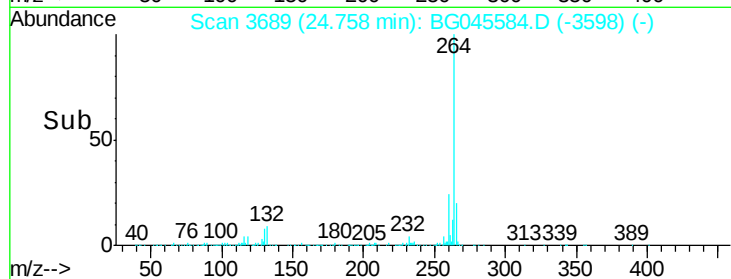
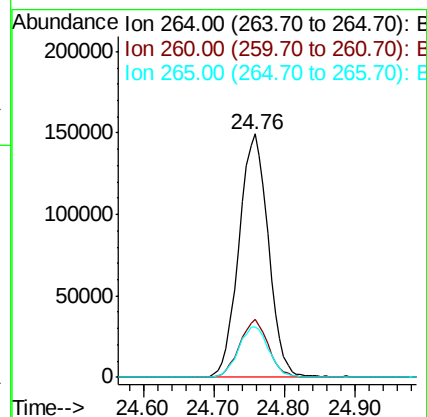
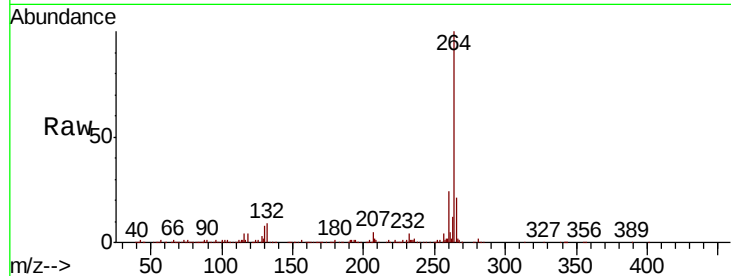




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

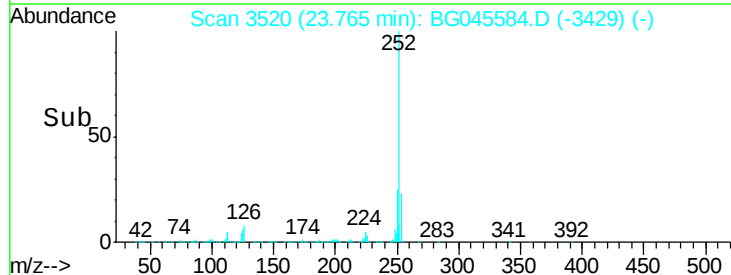
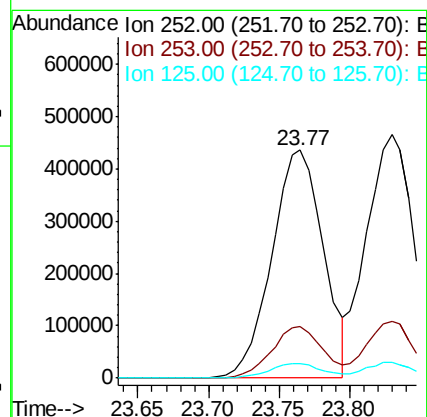
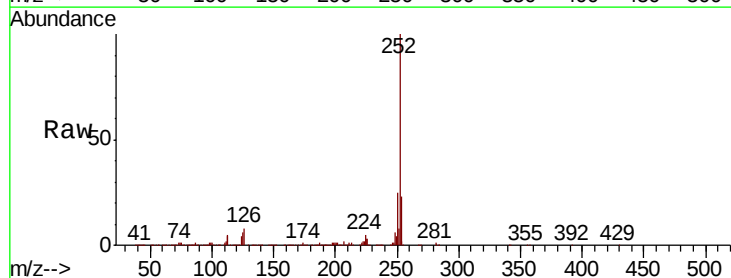
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 433134
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.4
265 20.7 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 47.719 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion:252 Resp: 1108483
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 6.2 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 49.908 ng

RT: 23.83 min Scan# 3531

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

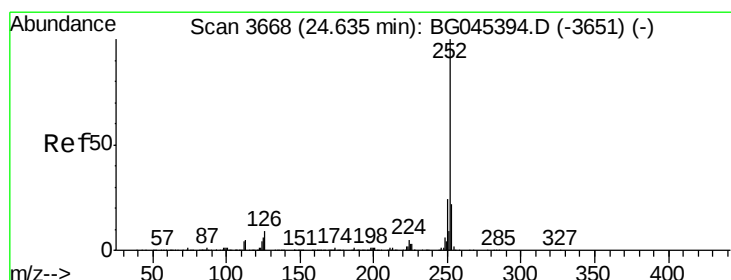
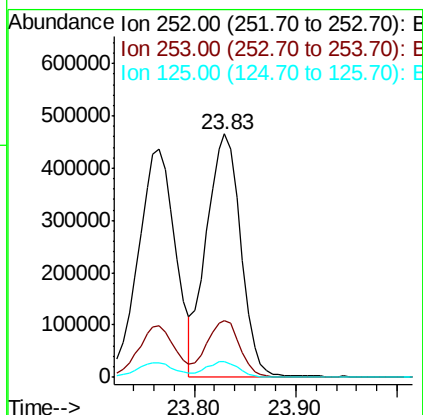
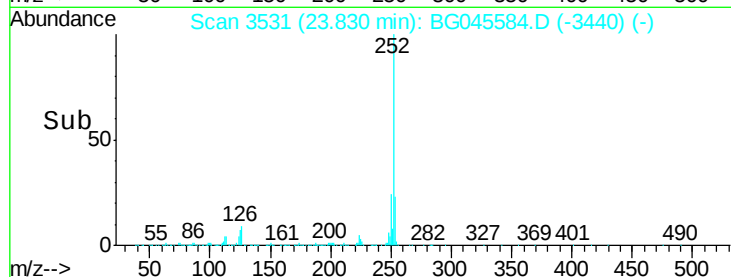
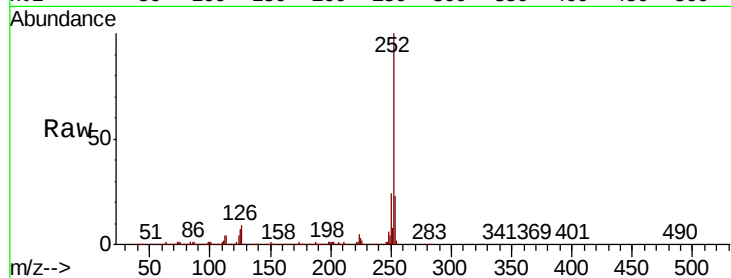
Tot Ion:252 Resp: 1089178

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

125 6.5 5.7 8.5



#90

Benzo(a)pyrene

Concen: 47.344 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

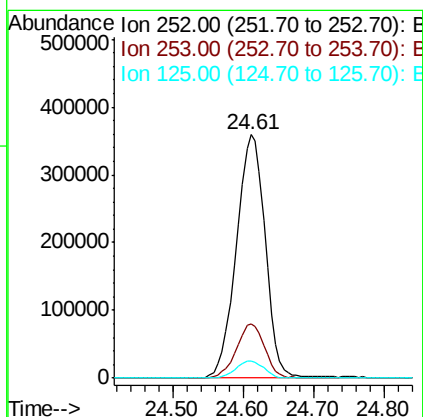
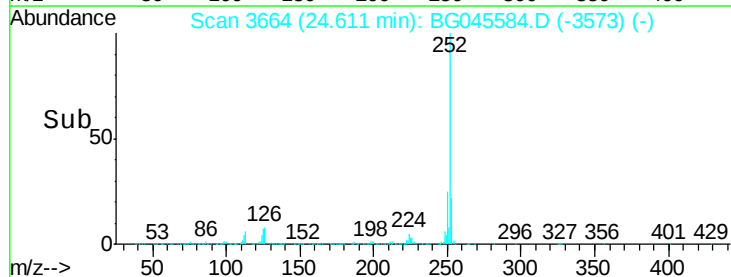
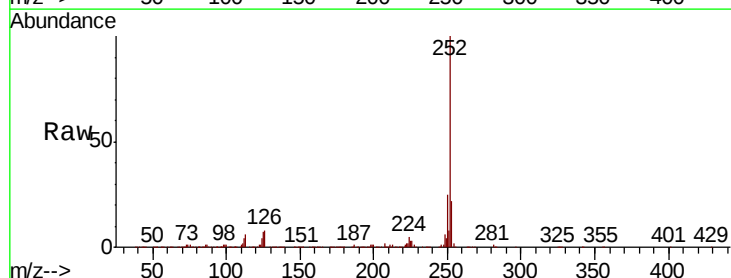
Tgt Ion:252 Resp: 1024248

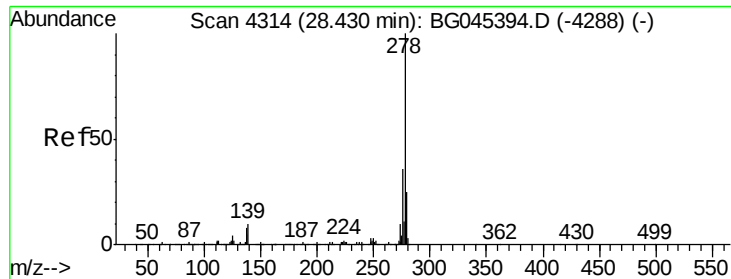
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 6.9 5.0 7.6

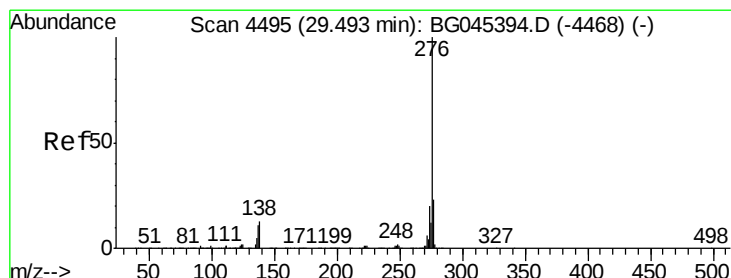
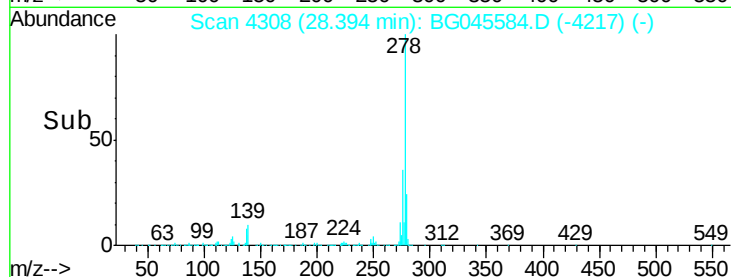
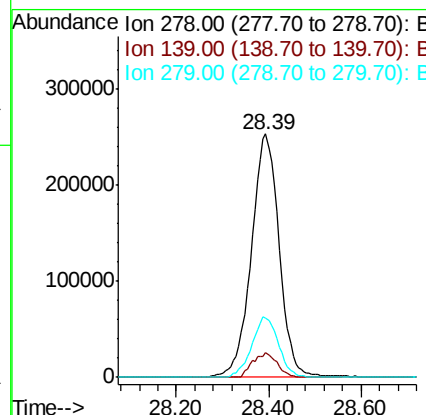
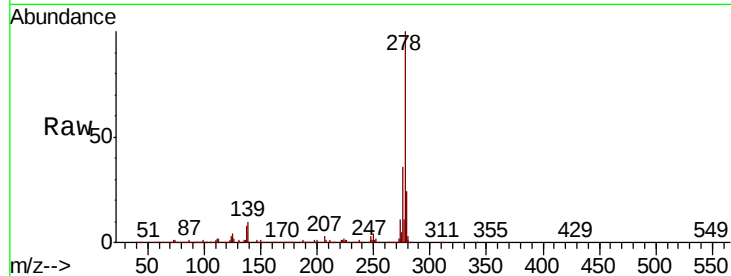




#91
Dibenzo(a,h)anthracene
Concen: 48.722 ng
RT: 28.39 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1059229
Ion Ratio Lower Upper
278 100
139 10.1 7.8 11.8
279 24.5 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 49.719 ng
RT: 29.46 min Scan# 4489
Delta R.T. 0.02 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion:276 Resp: 1081044
Ion Ratio Lower Upper
276 100
277 24.8 18.1 27.1
138 12.7 10.2 15.4

