

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052720\
 Data File : BG045479.D
 Acq On : 27 May 2020 16:54
 Operator : CG/JU
 Sample : L2768-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 370MSD

Quant Time: May 27 17:30:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 13:40:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	84754	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	346537	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	252649	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	572581	20.00	ng	0.00
76) Chrysene-d12	21.61	240	506445	20.00	ng	0.00
87) Perylene-d12	24.76	264	563426	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	521261	120.19	ng	0.00
7) Phenol-d6	7.18	99	749387	121.41	ng	0.00
23) Nitrobenzene-d5	9.12	82	489855	77.08	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	378486	117.14	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1148019	77.07	ng	0.00
79) Terphenyl-d14	19.96	244	1769886	81.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	72137	33.543	ng	98
3) Pyridine	3.80	79	166987	27.880	ng	99
4) n-Nitrosodimethylamine	3.72	42	78239	39.919	ng	90
6) Aniline	7.29	93	163068	20.237	ng	99
8) 2-Chlorophenol	7.54	128	223670	47.031	ng	97
9) Benzaldehyde	7.09	77	145160	36.095	ng	95
10) Phenol	7.20	94	303415	47.694	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	205467	41.407	ng	97
12) 1,3-Dichlorobenzene	7.85	146	241604	42.274	ng	98
13) 1,4-Dichlorobenzene	7.99	146	242913	43.069	ng	97
14) 1,2-Dichlorobenzene	8.32	146	232767	42.909	ng	97
15) Benzyl Alcohol	8.21	79	231853	45.469	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.49	45	188663	40.054	ng	96
17) 2-Methylphenol	8.44	107	207036	43.480	ng	96
18) Hexachloroethane	9.04	117	96254	44.559	ng	96
19) n-Nitroso-di-n-propylamine	8.77	70	184735	43.280	ng	97
20) 3+4-Methylphenols	8.77	107	274378	42.315	ng	# 62
22) Acetophenone	8.78	105	345094	42.016	ng	# 95
24) Nitrobenzene	9.16	77	282185	41.446	ng	100
25) Isophorone	9.68	82	518032	41.393	ng	98
26) 2-Nitrophenol	9.88	139	134127	46.051	ng	91
27) 2,4-Dimethylphenol	9.97	122	219668	50.851	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	287878	43.862	ng	99
29) 2,4-Dichlorophenol	10.44	162	242027	47.446	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	265458	44.039	ng	97
31) Naphthalene	10.82	128	699550	43.320	ng	99
32) Benzoic acid	10.16	122	156310	52.117	ng	100
33) 4-Chloroaniline	10.94	127	74465	11.032	ng	98
34) Hexachlorobutadiene	11.11	225	184420	43.283	ng	97
35) Caprolactam	11.70	113	50189	26.805	ng	91
36) 4-Chloro-3-methylphenol	12.09	107	272002	47.320	ng	94
37) 2-Methylnaphthalene	12.43	142	537407	44.650	ng	98
38) 1-Methylnaphthalene	12.65	142	507618	44.647	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	318836	45.181	ng	98

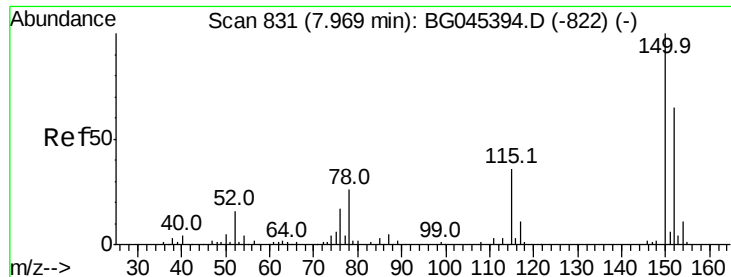
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052720\
 Data File : BG045479.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	297980	73.158	ng	97
43) 2,4,6-Trichlorophenol	13.05	196	220845	45.051	ng	99
44) 2,4,5-Trichlorophenol	13.14	196	235316	42.007	ng	98
46) 1,1'-Biphenyl	13.44	154	689357	44.405	ng	99
47) 2-Chloronaphthalene	13.48	162	532853	42.269	ng	100
48) 2-Nitroaniline	13.68	65	167366	40.361	ng	88
49) Acenaphthylene	14.33	152	871824	43.056	ng	100
50) Dimethylphthalate	14.06	163	825140	47.609	ng	98
51) 2,6-Dinitrotoluene	14.18	165	163256	41.744	ng	93
52) Acenaphthene	14.67	154	518352	38.243	ng	94
53) 3-Nitroaniline	14.51	138	75365	18.957	ng	99
54) 2,4-Dinitrophenol	14.72	184	172627	68.244	ng	94
55) Dibenzofuran	15.00	168	836127	41.540	ng	97
56) 4-Nitrophenol	14.88	139	254477	84.547	ng	94
57) 2,4-Dinitrotoluene	14.97	165	228645	40.368	ng	94
58) Fluorene	15.65	166	694816	42.018	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	217345	44.100	ng	99
60) Diethylphthalate	15.42	149	718898	39.852	ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	391130	41.334	ng	96
62) 4-Nitroaniline	15.68	138	139396	33.587	ng	98
63) Azobenzene	15.93	77	690848	41.072	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	131523	39.441	ng	98
66) n-Nitrosodiphenylamine	15.86	169	614740	44.716	ng	97
67) 4-Bromophenyl-phenylether	16.54	248	268665	43.332	ng	98
68) Hexachlorobenzene	16.66	284	296140	45.667	ng	98
69) Atrazine	16.82	200	235296	41.553	ng	97
70) Pentachlorophenol	17.02	266	327594	97.291	ng	97
71) Phenanthrene	17.40	178	1083640	43.352	ng	99
72) Anthracene	17.49	178	1112076	44.302	ng	97
73) Carbazole	17.76	167	1006624	41.140	ng	98
74) Di-n-butylphthalate	18.31	149	1193397	40.635	ng	99
75) Fluoranthene	19.41	202	1318310	41.464	ng	99
77) Benzidine	19.58	184	550840	38.727	ng	99
78) Pyrene	19.76	202	1312542	45.465	ng	99
80) Butylbenzylphthalate	20.65	149	515544	41.373	ng	99
81) Benzo(a)anthracene	21.59	228	1238227	43.889	ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	308163	27.846	ng	99
83) Chrysene	21.66	228	1194559	44.035	ng	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	715252	41.756	ng	98
85) Di-n-octyl phthalate	22.70	149	1208260	41.070	ng	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1568101	44.205	ng	98
88) Benzo(b)fluoranthene	23.77	252	1291965	42.756	ng	99
89) Benzo(k)fluoranthene	23.83	252	1268543	44.685	ng	99
90) Benzo(a)pyrene	24.61	252	1189364	42.263	ng	# 97
91) Dibenzo(a,h)anthracene	28.40	278	1277372	45.169	ng	97
92) Benzo(g,h,i)perylene	29.46	276	1309351	46.294	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

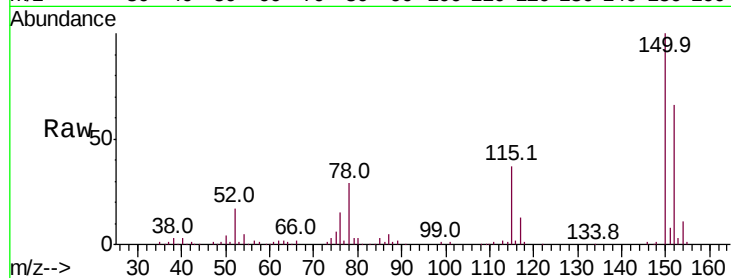
Tot Ion:152 Resp: 84754

Ion Ratio Lower Upper

152 100

150 151.5 122.4 183.6

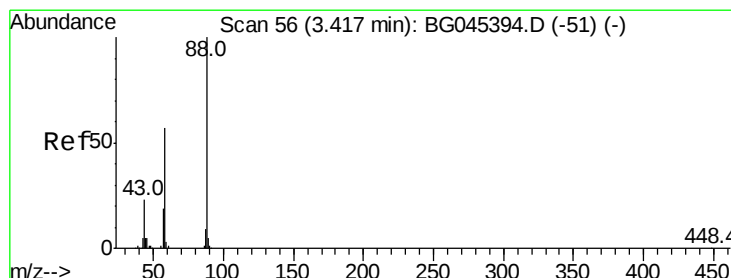
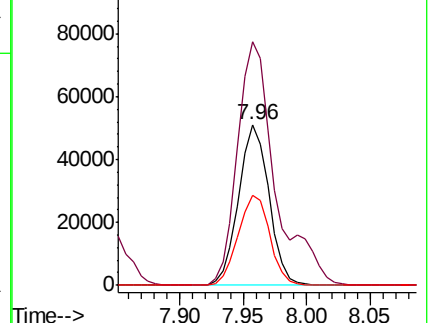
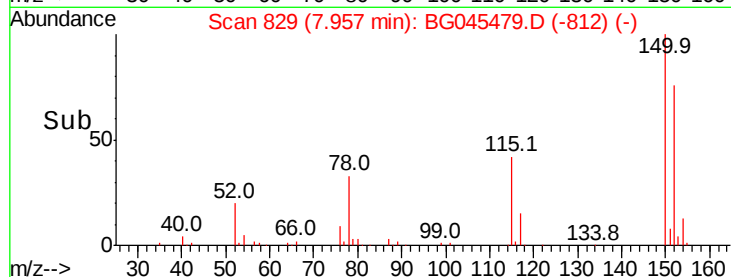
115 55.9 44.2 66.4



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



#2

1,4-Dioxane

Concen: 33.543 ng

RT: 3.40 min Scan# 53

Delta R.T. -0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

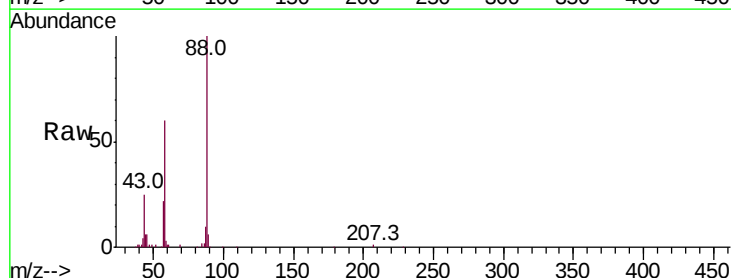
Tgt Ion: 88 Resp: 72137

Ion Ratio Lower Upper

88 100

58 58.4 45.7 68.5

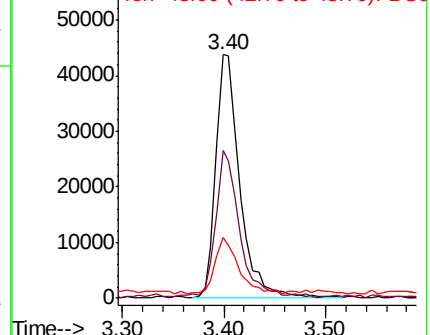
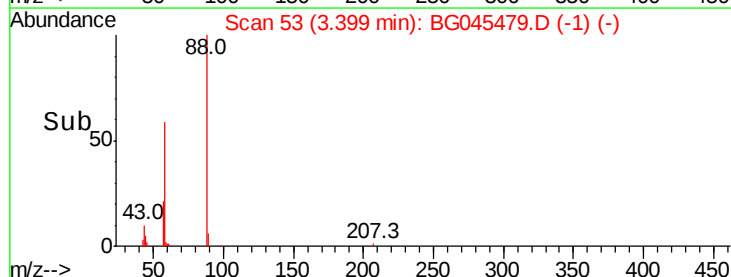
43 22.9 16.8 25.2

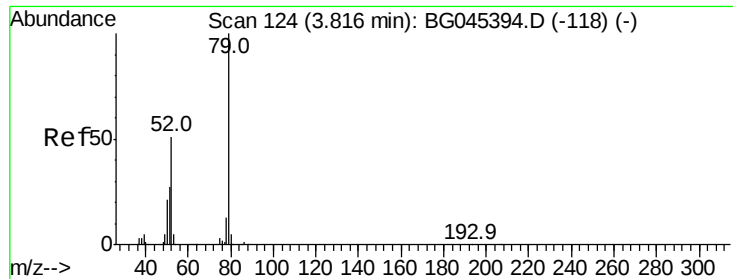


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.880 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

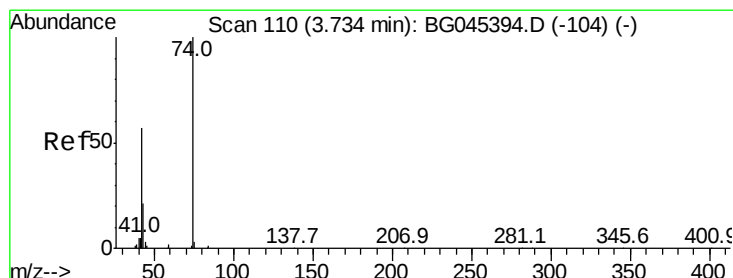
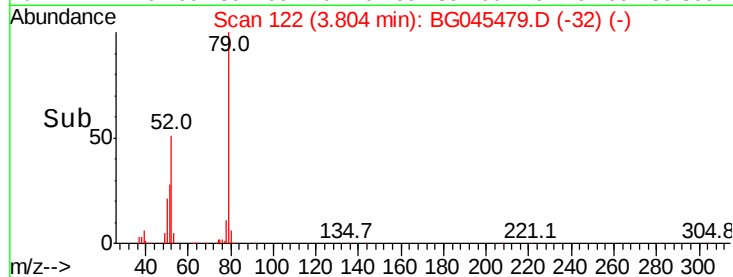
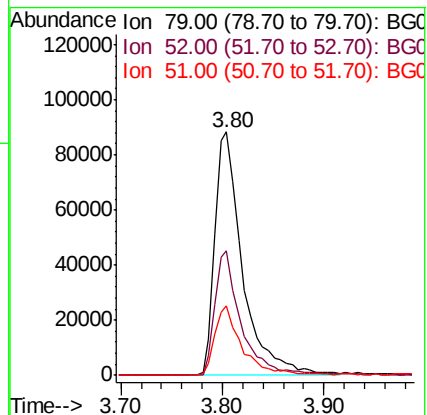
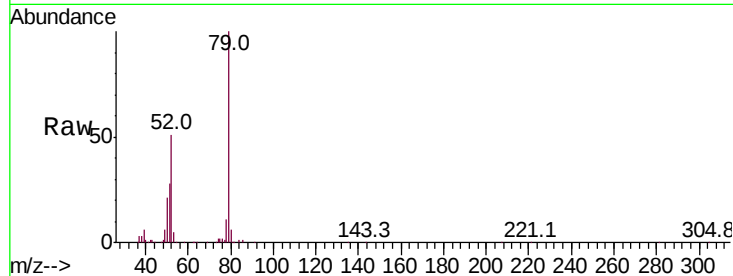
Tot Ion: 79 Resp: 166987

Ion Ratio Lower Upper

79 100

52 51.2 40.8 61.2

51 28.5 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 39.919 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

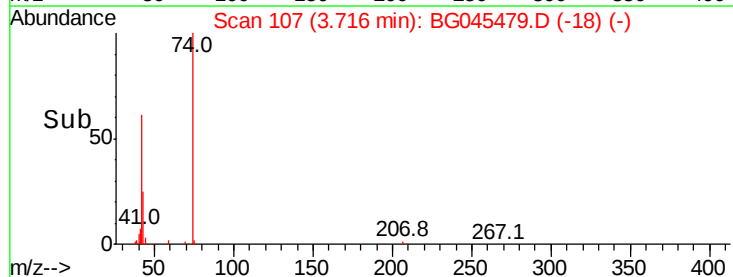
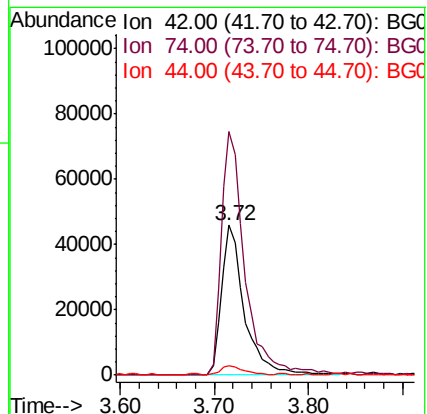
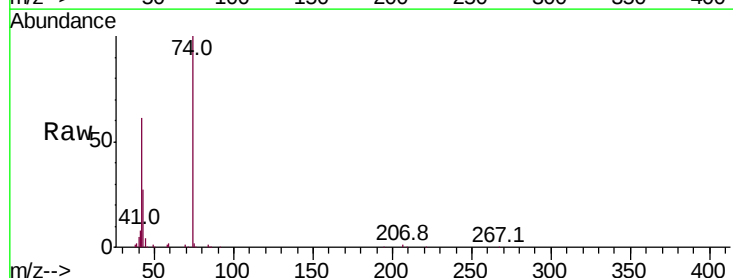
Tgt Ion: 42 Resp: 78239

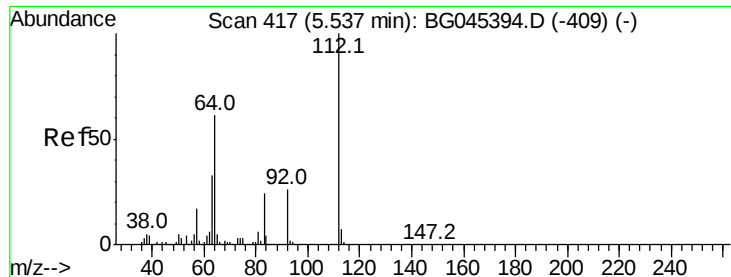
Ion Ratio Lower Upper

42 100

74 162.6 141.3 211.9

44 6.2 4.2 6.4





#5

2-Fluorophenol

Concen: 120.195 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

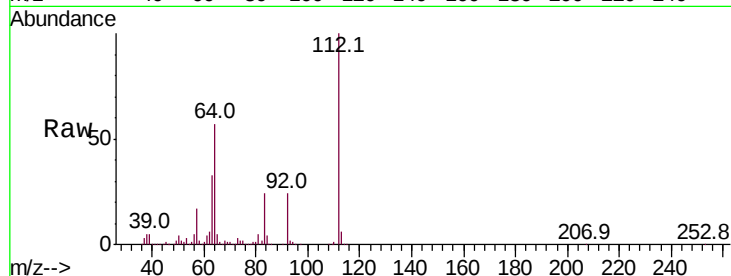
Tot Ion:112 Resp: 521261

Ion Ratio Lower Upper

112 100

64 56.7 48.6 72.8

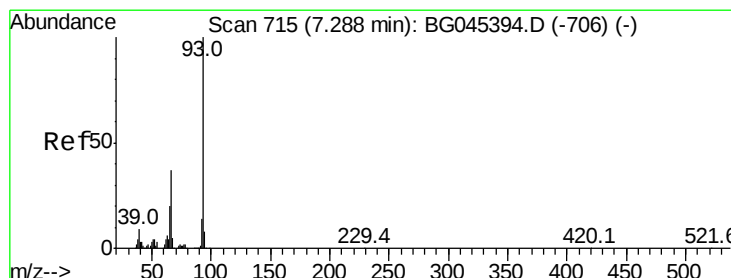
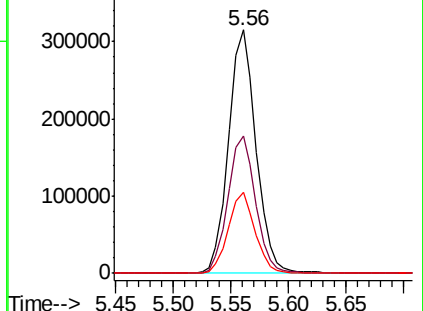
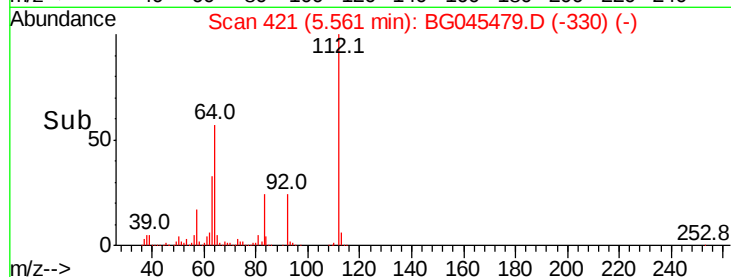
63 33.1 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.237 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

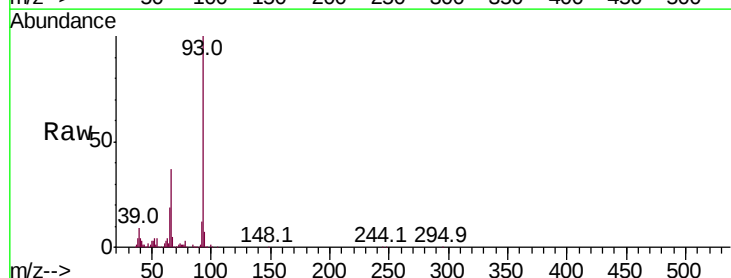
Tgt Ion: 93 Resp: 163068

Ion Ratio Lower Upper

93 100

66 37.1 29.6 44.4

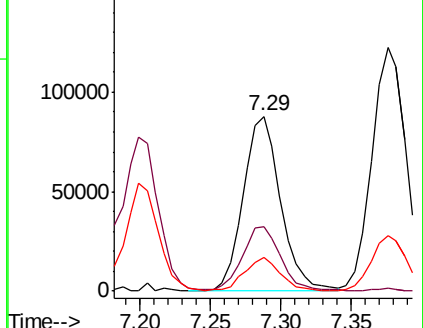
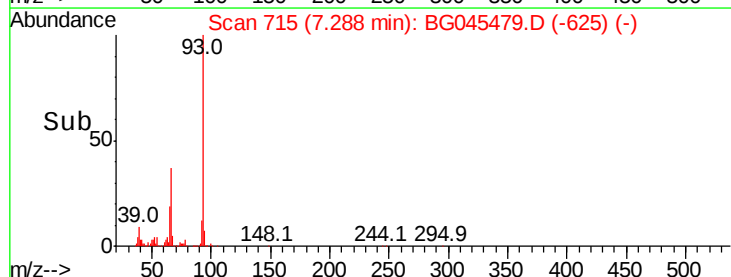
65 19.0 15.9 23.9

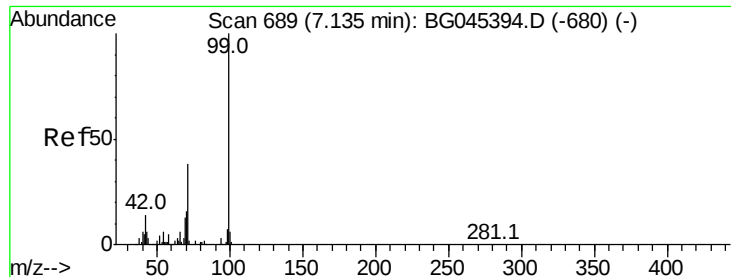


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.406 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

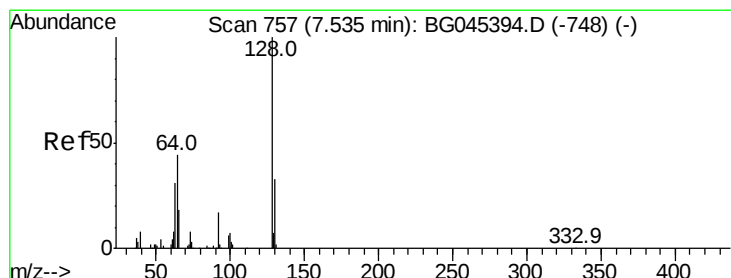
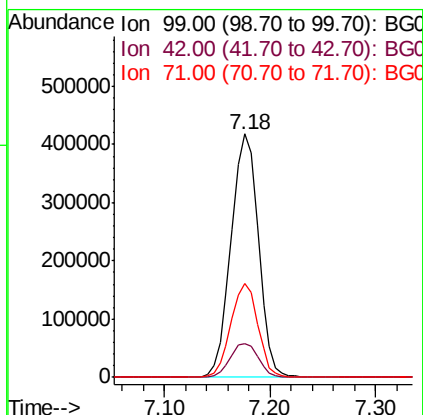
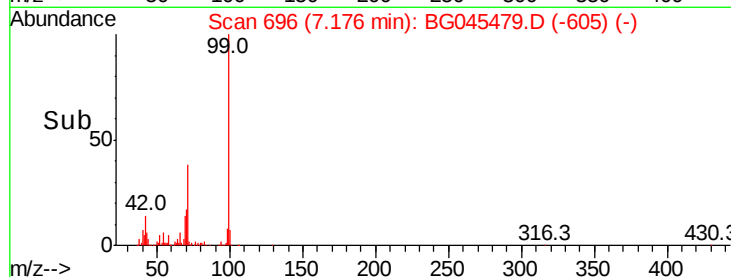
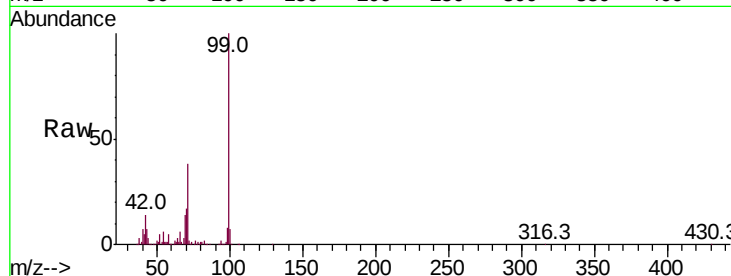
Tot Ion: 99 Resp: 749387

Ion Ratio Lower Upper

99 100

42 13.7 11.3 16.9

71 38.4 30.8 46.2



#8

2-Chlorophenol

Concen: 47.031 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

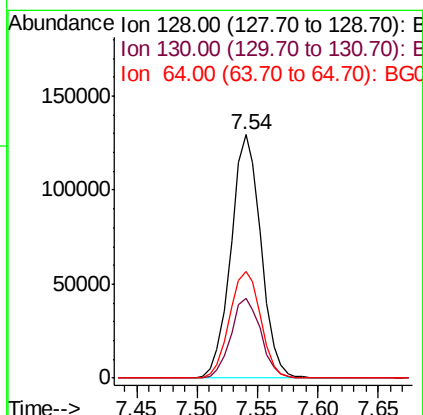
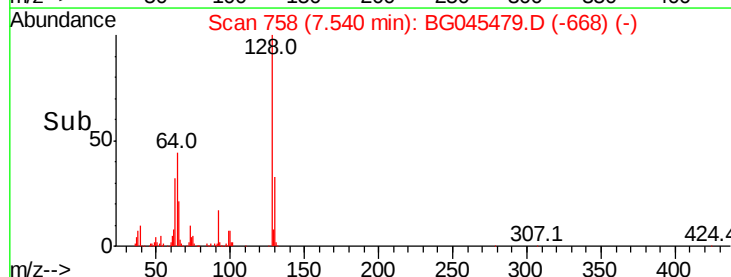
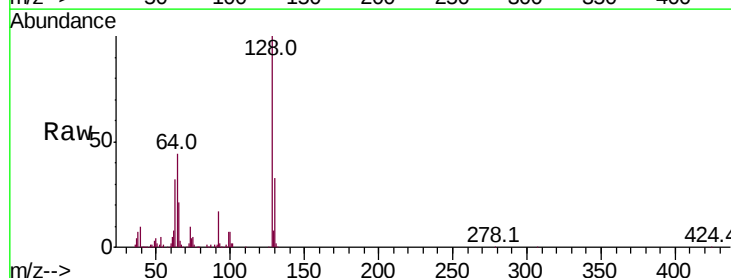
Tgt Ion: 128 Resp: 223670

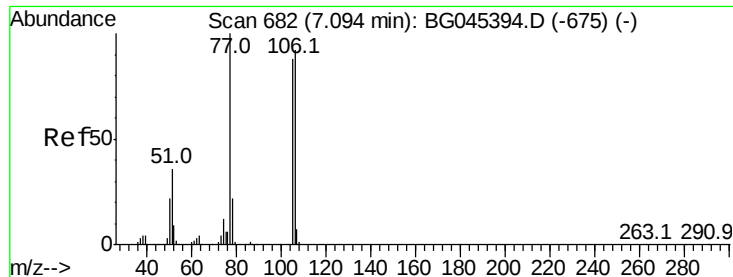
Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

64 43.8 27.0 67.0





#9

Benzaldehyde

Concen: 36.095 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

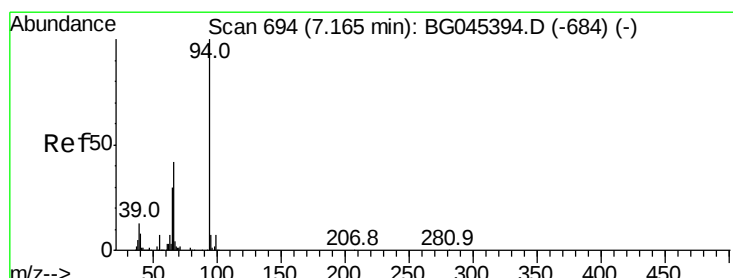
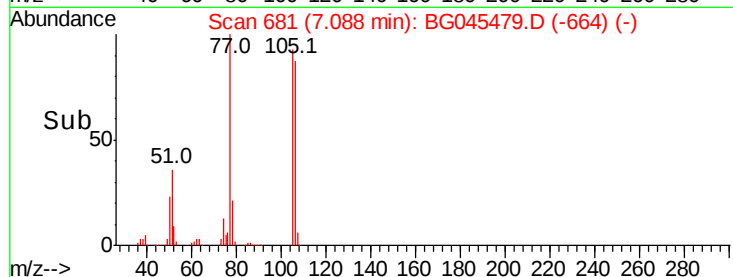
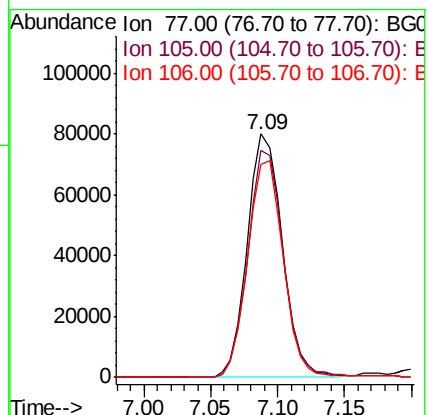
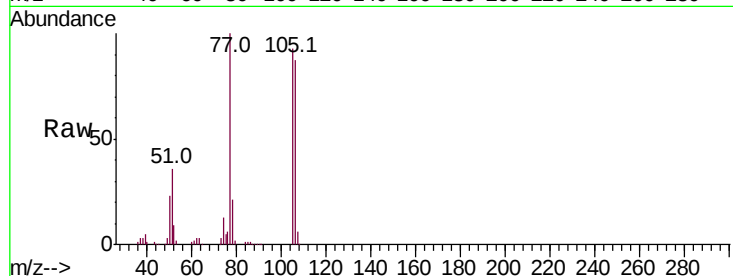
Tot Ion: 77 Resp: 145160

Ion Ratio Lower Upper

77 100

105 93.2 68.5 108.5

106 87.3 71.6 111.6



#10

Phenol

Concen: 47.694 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

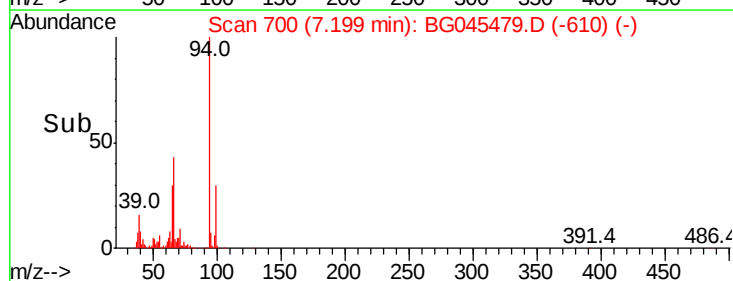
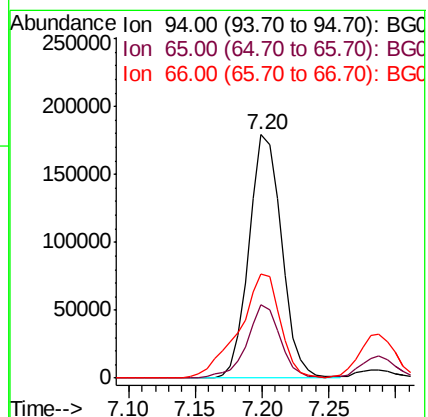
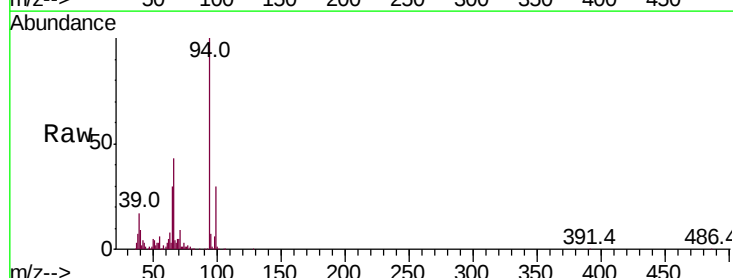
Tgt Ion: 94 Resp: 303415

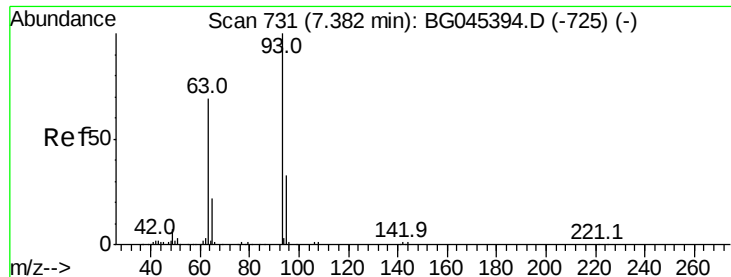
Ion Ratio Lower Upper

94 100

65 30.2 9.8 49.8

66 43.0 22.0 62.0

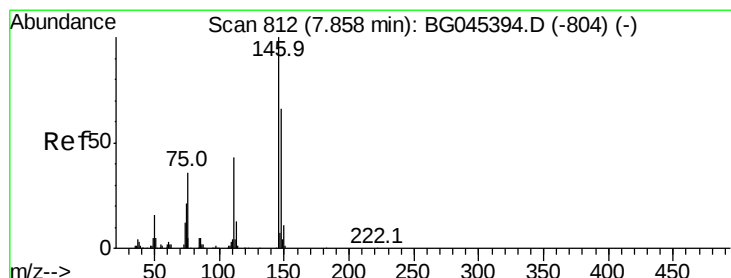
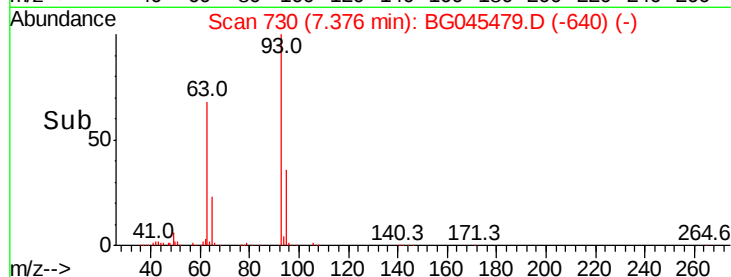
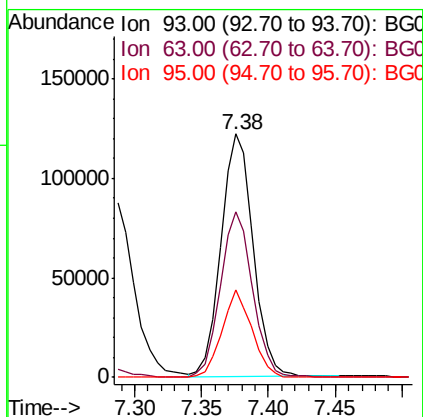
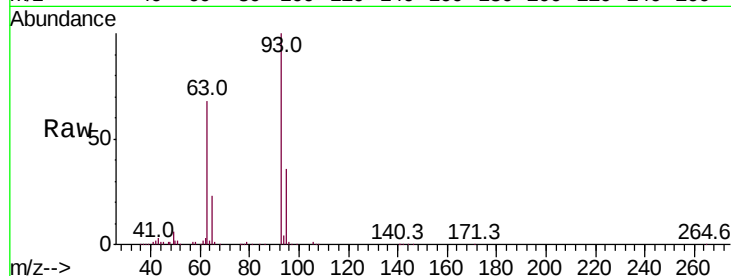




#11
bis(2-Chloroethyl)ether
Concen: 41.407 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

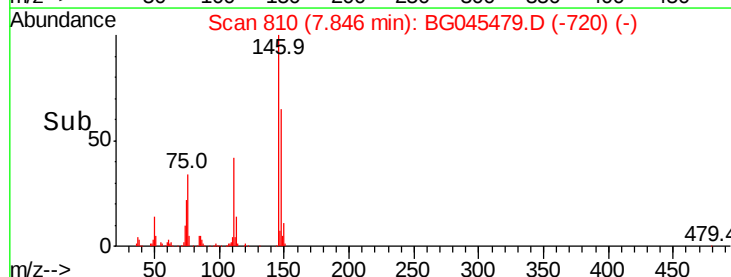
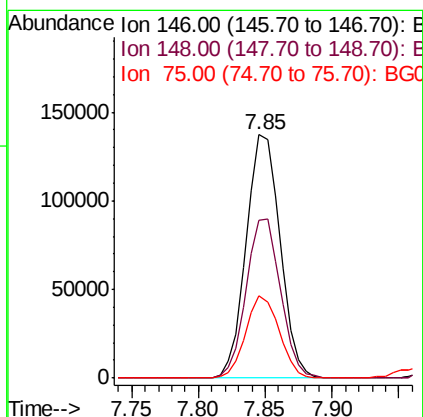
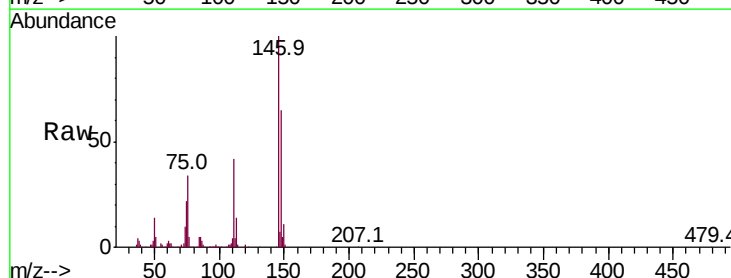
Instrument :
BNA_G
ClientSampleId :
370MSD

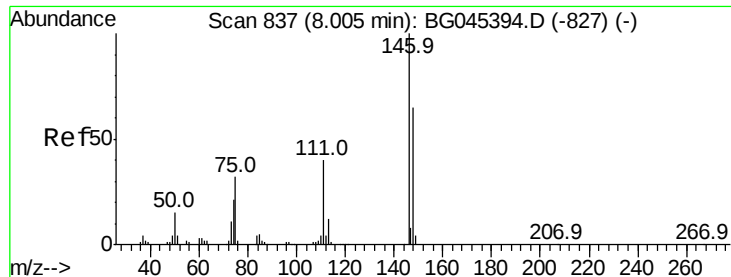
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.8	48.4	88.4
95	35.9	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 42.274 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.2	79.8
75	33.8	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 43.069 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

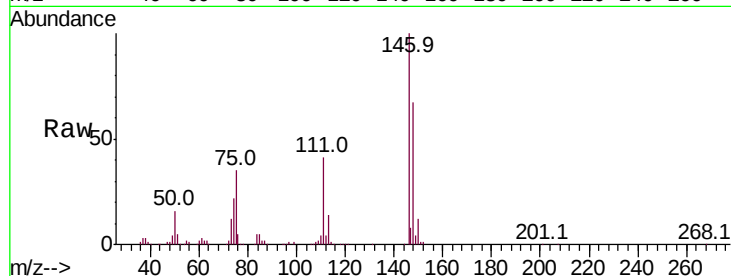
Tot Ion:146 Resp: 242913

Ion Ratio Lower Upper

146 100

148 67.3 51.8 77.8

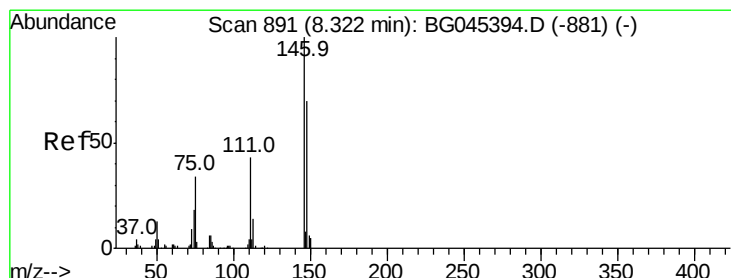
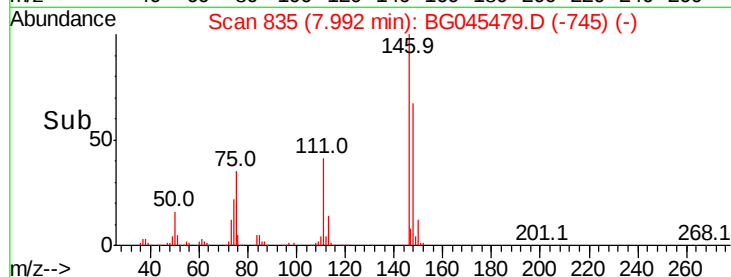
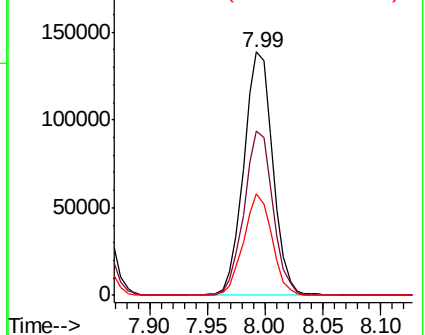
111 41.5 32.1 48.1



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: 42.909 ng

RT: 8.32 min Scan# 890

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

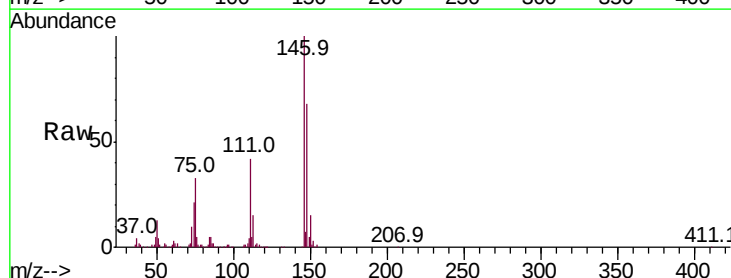
Tgt Ion:146 Resp: 232767

Ion Ratio Lower Upper

146 100

148 67.6 55.9 83.9

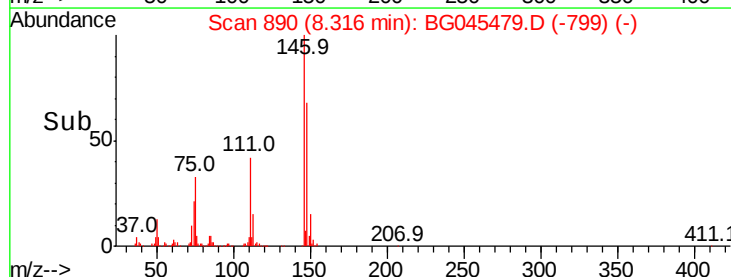
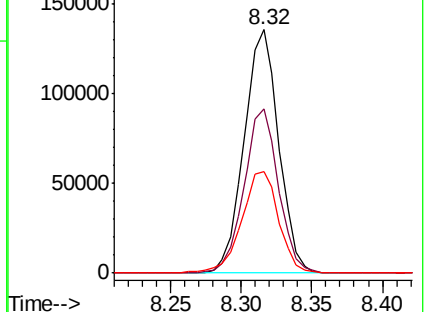
111 41.9 35.0 52.4

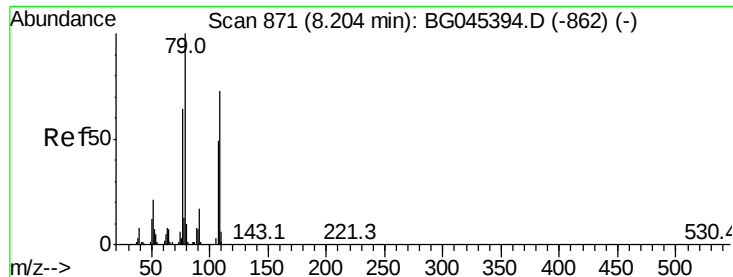


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.469 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

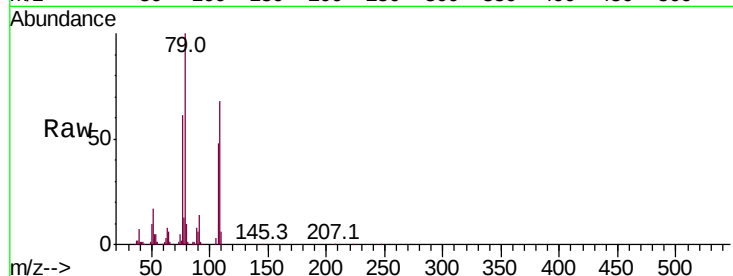
Tot Ion: 79 Resp: 231853

Ion Ratio Lower Upper

79 100

108 67.8 58.2 87.4

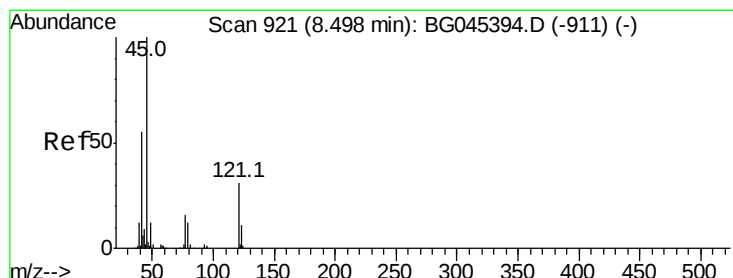
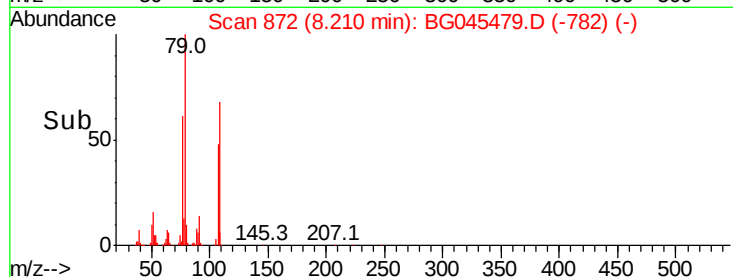
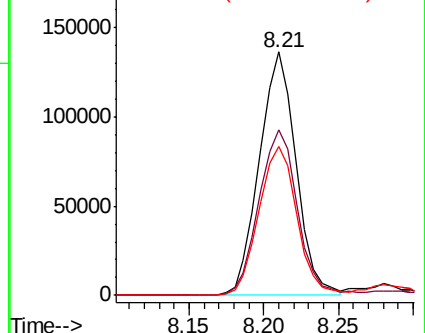
77 61.3 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.054 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

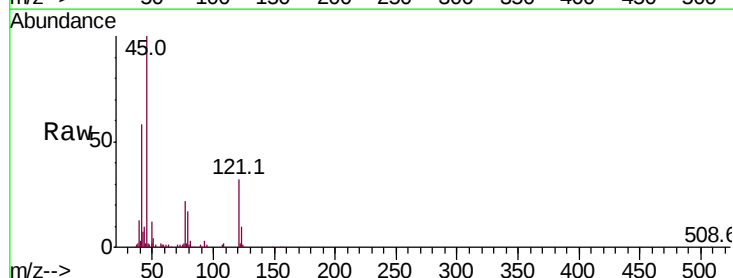
Tgt Ion: 45 Resp: 188663

Ion Ratio Lower Upper

45 100

77 22.0 4.0 44.0

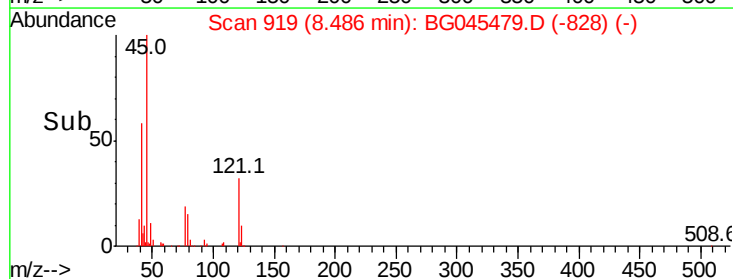
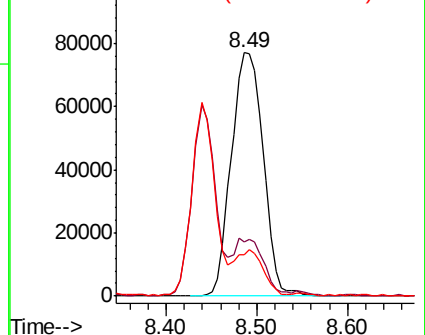
79 16.8 0.0 38.6

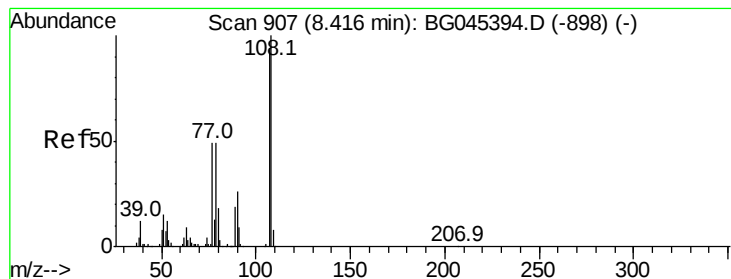


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 43.480 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

Tot Ion:107 Resp: 207036

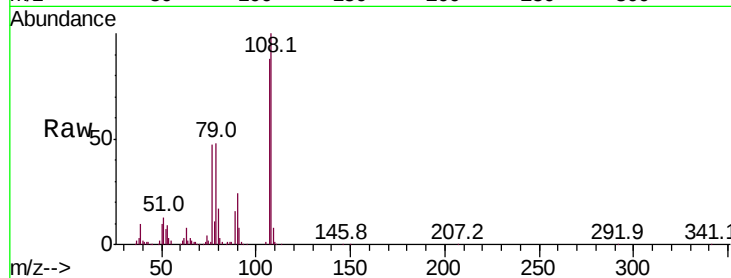
Ion Ratio Lower Upper

107 100

108 113.4 85.2 127.8

77 53.4 41.6 62.4

79 54.0 41.8 62.8

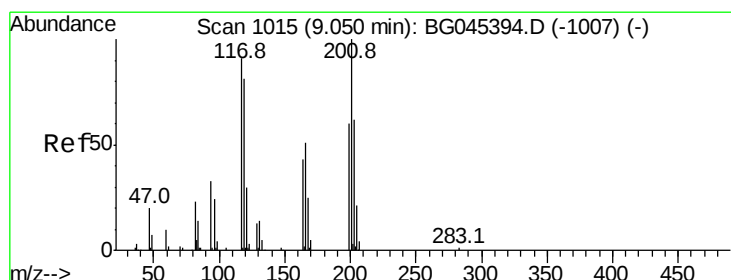
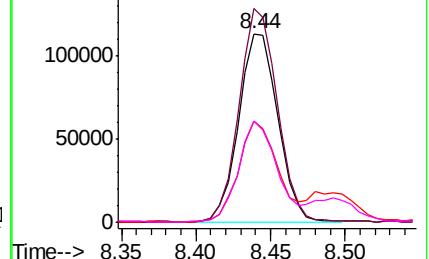
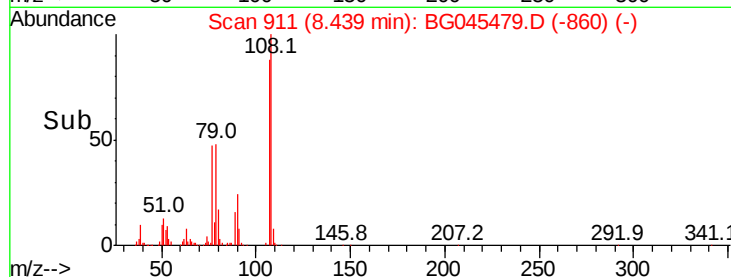


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.559 ng

RT: 9.04 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

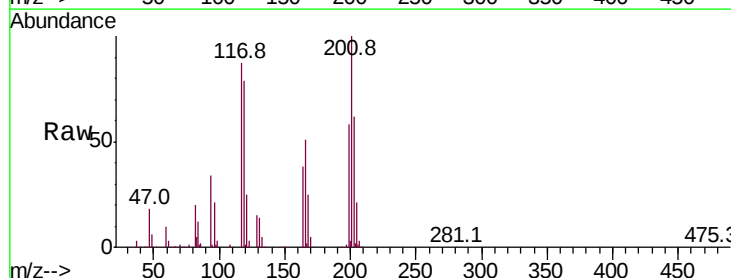
Tgt Ion:117 Resp: 96254

Ion Ratio Lower Upper

117 100

119 90.8 71.3 106.9

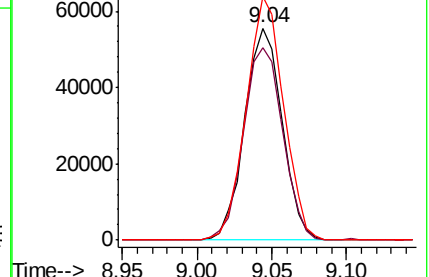
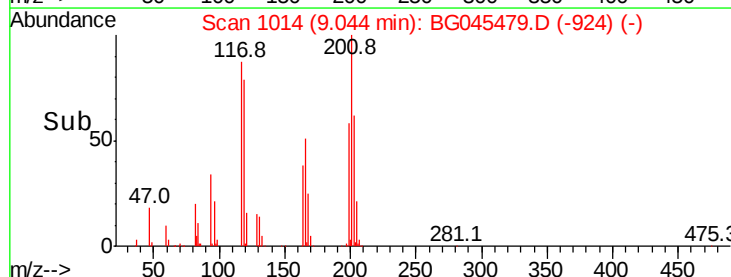
201 115.0 87.5 131.3

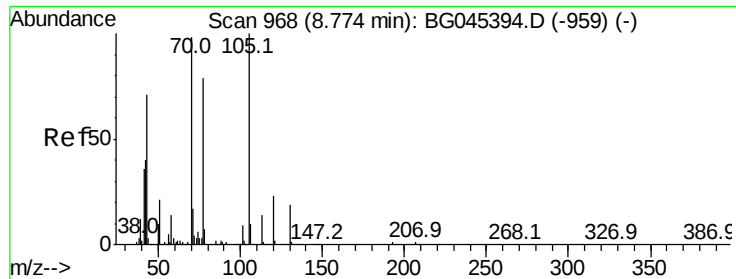


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.280 ng

RT: 8.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

Tot Ion: 70 Resp: 184735

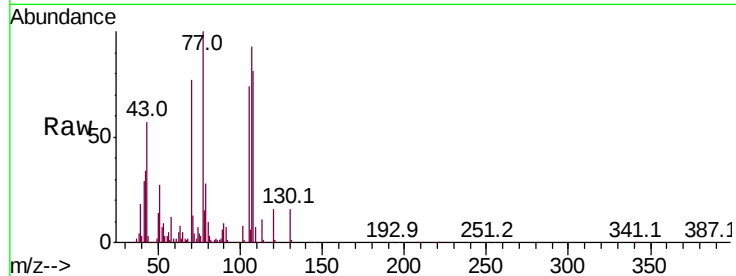
Ion Ratio Lower Upper

70 100

42 43.4 33.2 49.8

101 10.5 7.8 11.6

130 21.0 15.4 23.2

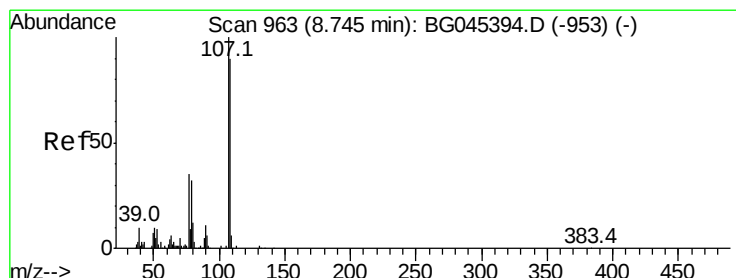
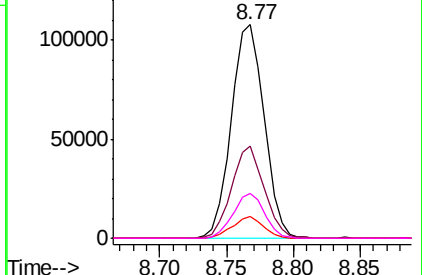
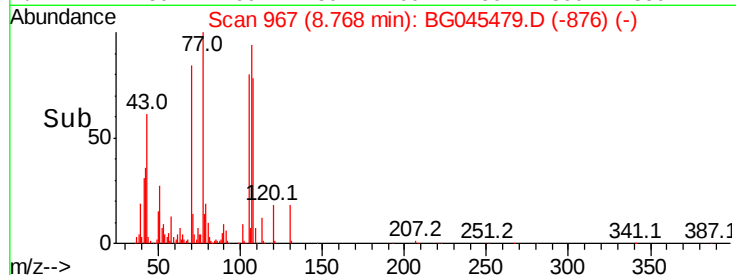


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 42.315 ng

RT: 8.77 min Scan# 968

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:107 Resp: 274378

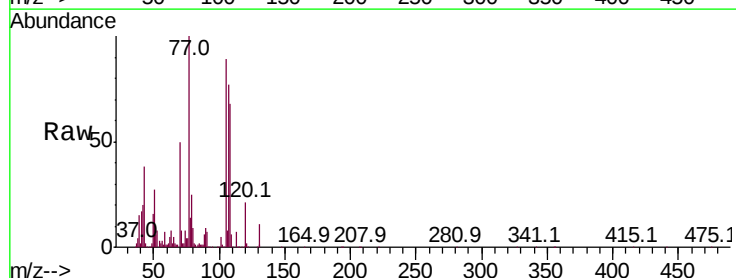
Ion Ratio Lower Upper

107 100

108 88.5 70.3 110.3

77 129.9 15.4 55.4#

79 31.9 12.6 52.6

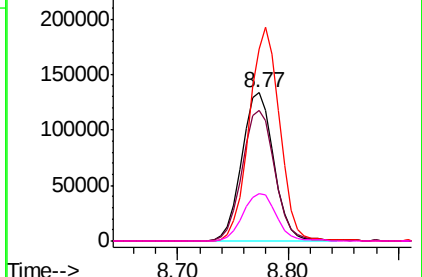
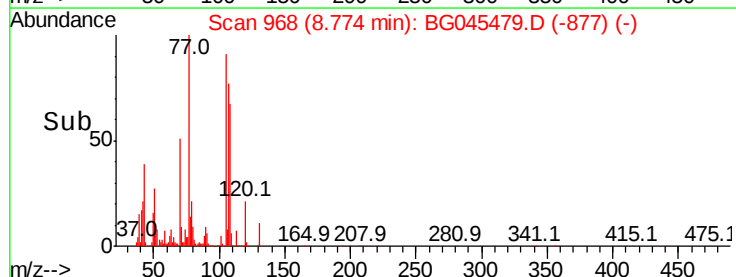


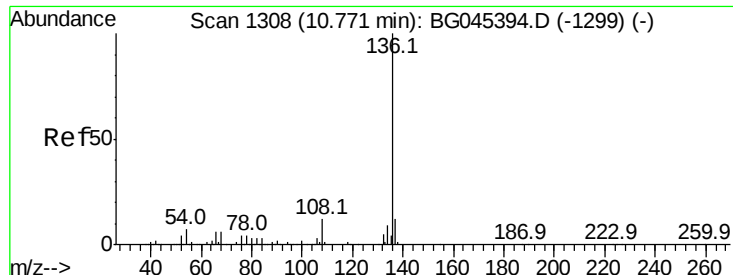
Abundance Ion 107.00 (106.70 to 107.70): BGC

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: 10.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

Tot Ion:136 Resp: 346537

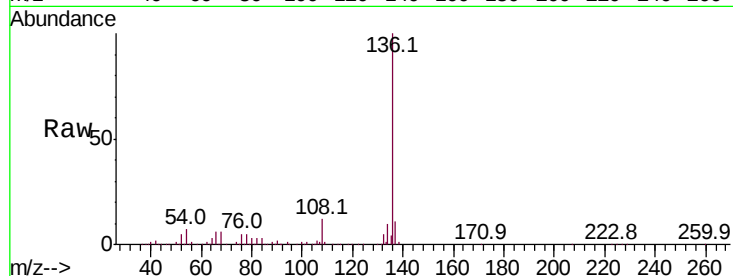
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.2

54 6.8 5.8 8.6

68 5.5 4.5 6.7



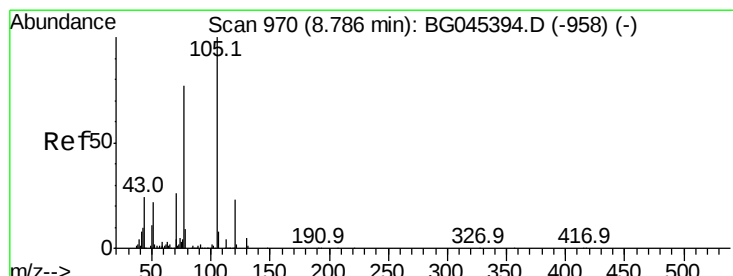
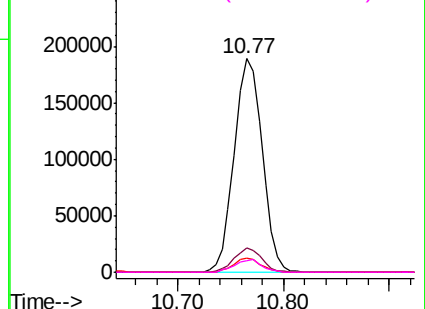
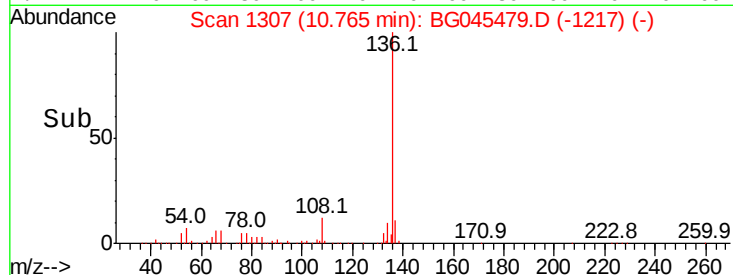
Abundance

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: 42.016 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:105 Resp: 345094

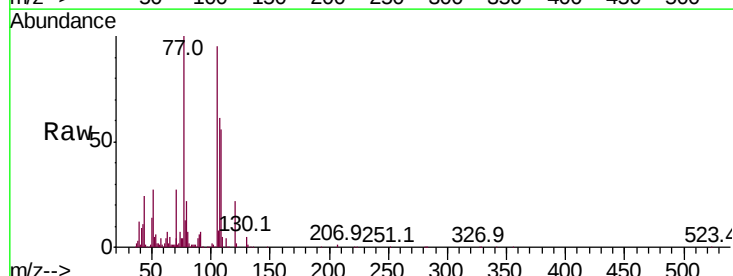
Ion Ratio Lower Upper

105 100

71 4.4 3.4 5.0

51 28.0 18.2 27.2#

120 23.1 18.6 27.8



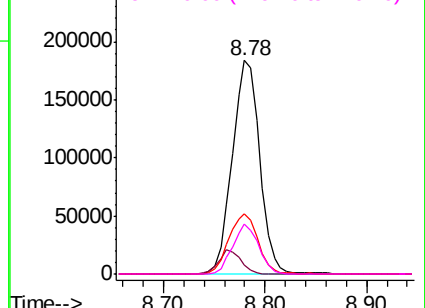
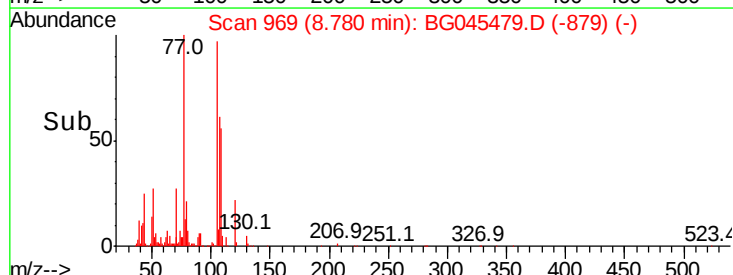
Abundance

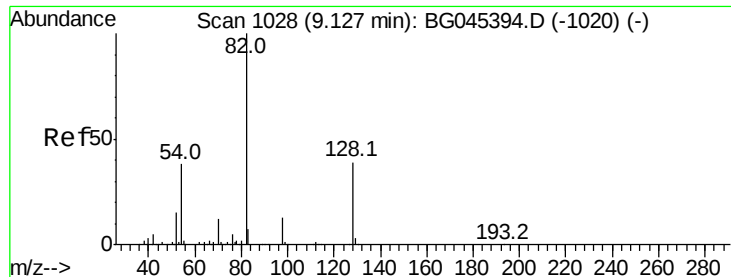
Ion 105.00 (104.70 to 105.70): E

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

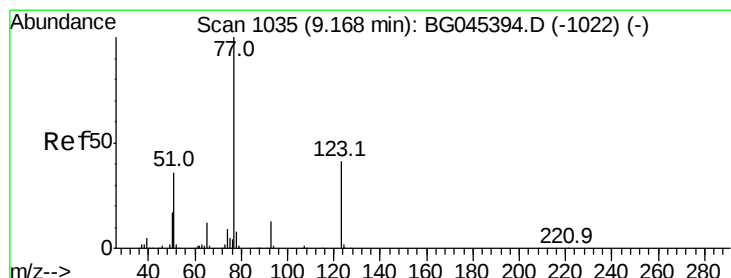
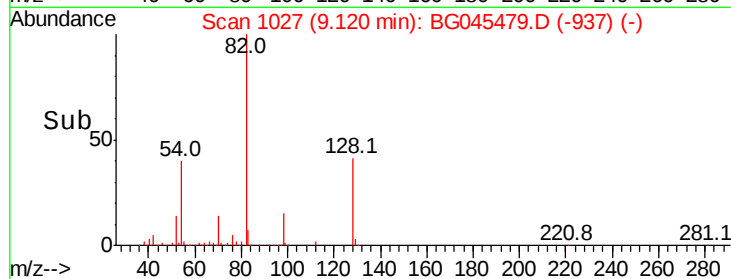
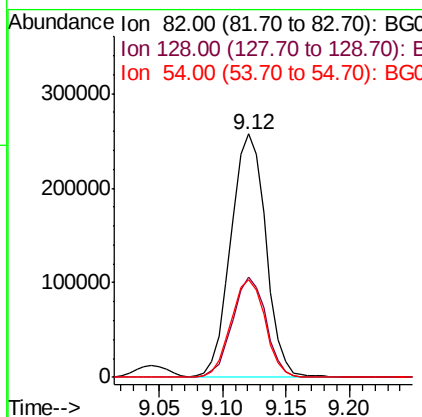
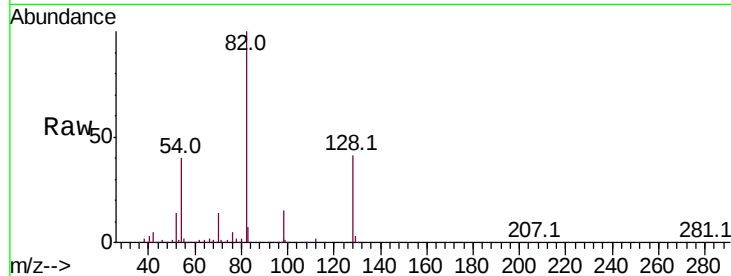




#23
 Nitrobenzene-d5
 Concen: 77.084 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

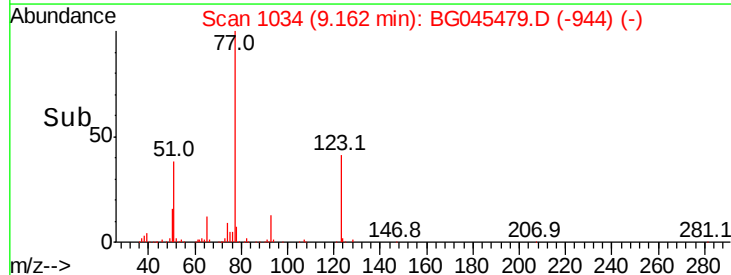
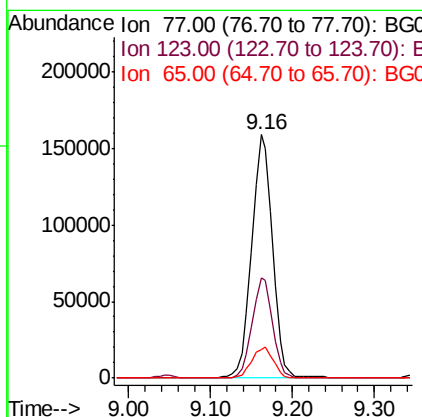
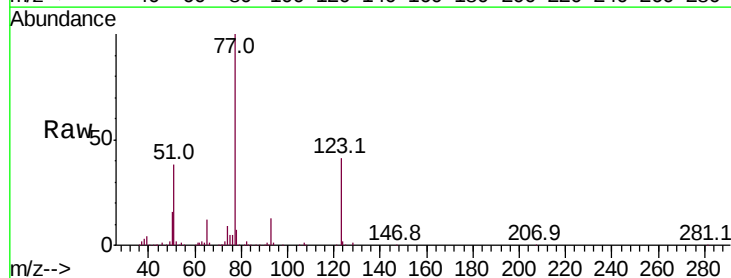
Instrument :
 BNA_G
 ClientSampleId :
 370MSD

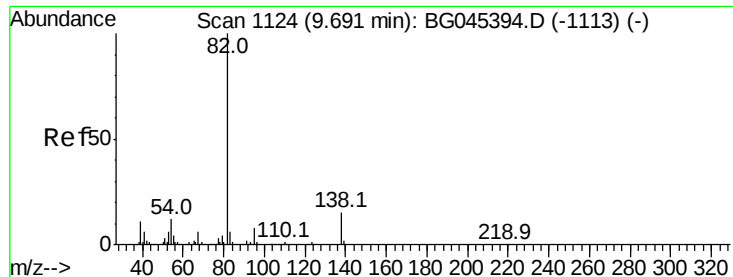
Tot Ion	82	Resp	489855
Ion Ratio	100	Lower	Upper
128	41.1	30.9	46.3
54	40.3	30.3	45.5



#24
 Nitrobenzene
 Concen: 41.446 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Tgt Ion	77	Resp	282185
Ion Ratio	100	Lower	Upper
123	41.2	32.9	49.3
65	11.5	9.4	14.2





#25

Isophorone

Concen: 41.393 ng

RT: 9.68 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

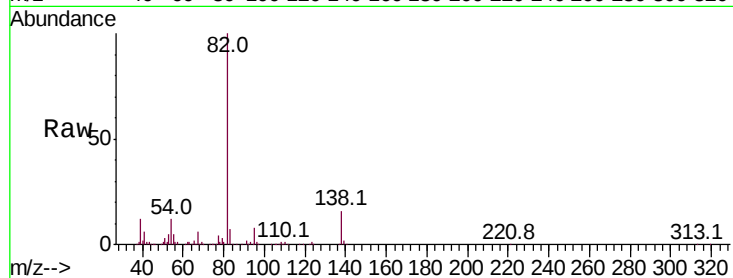
Tot Ion: 82 Resp: 518032

Ion Ratio Lower Upper

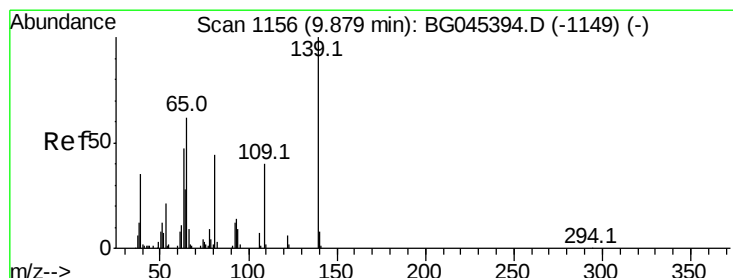
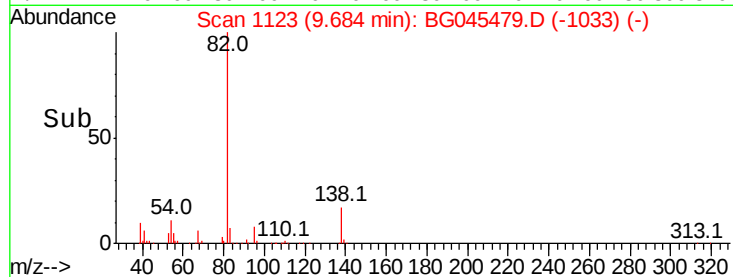
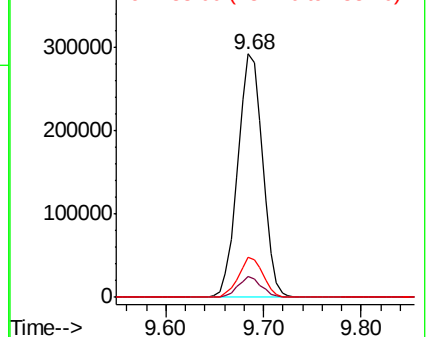
82 100

95 8.3 6.7 10.1

138 16.4 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: 46.051 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

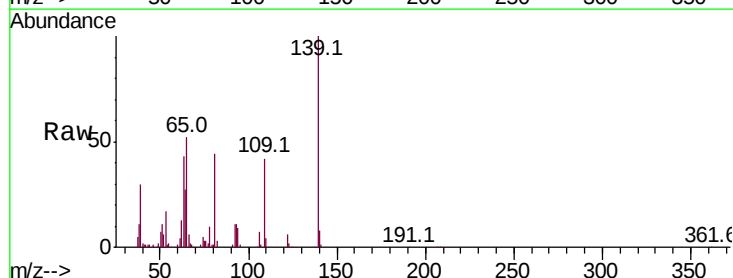
Tgt Ion: 139 Resp: 134127

Ion Ratio Lower Upper

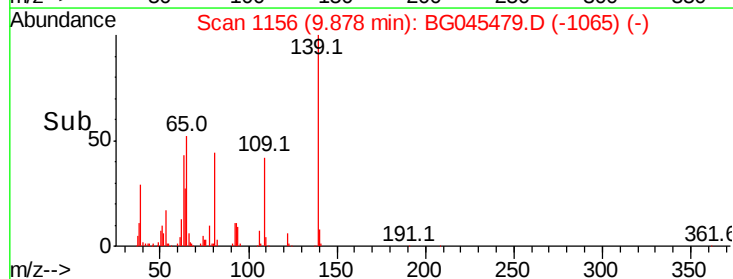
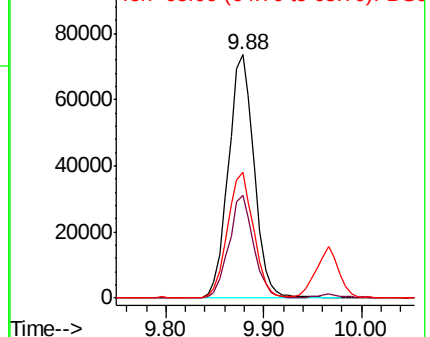
139 100

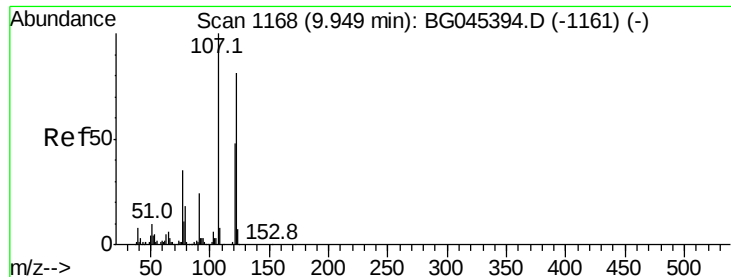
109 42.1 32.2 48.4

65 51.9 49.6 74.4



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

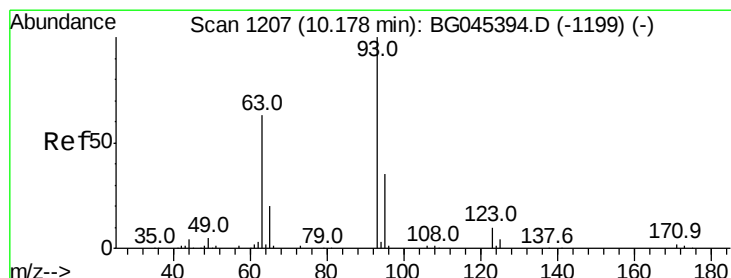
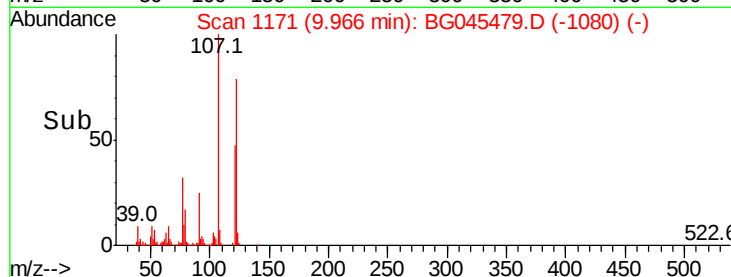
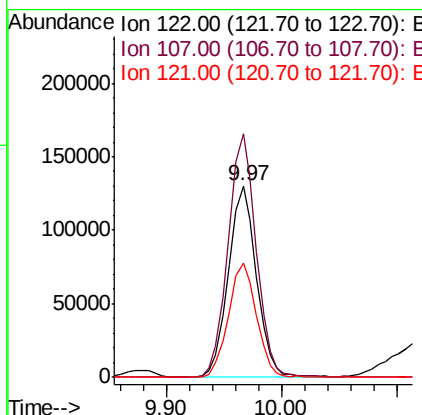
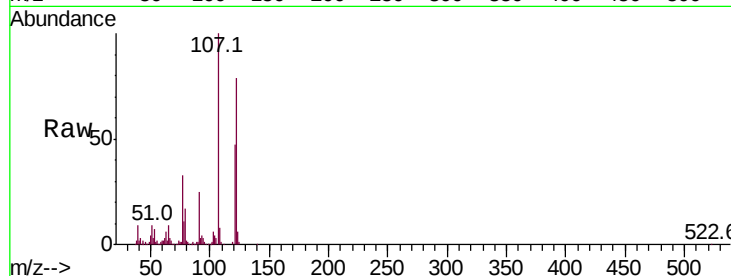




#27
2,4-Dimethylphenol
Concen: 50.851 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

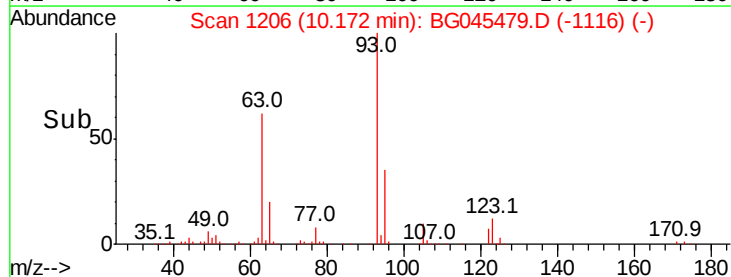
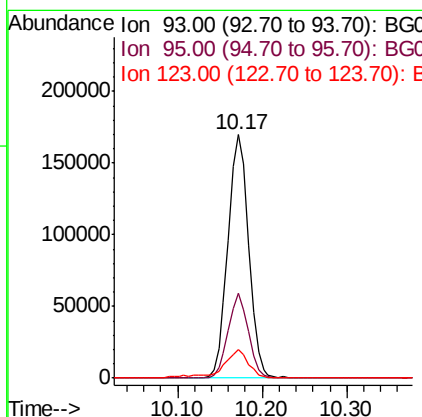
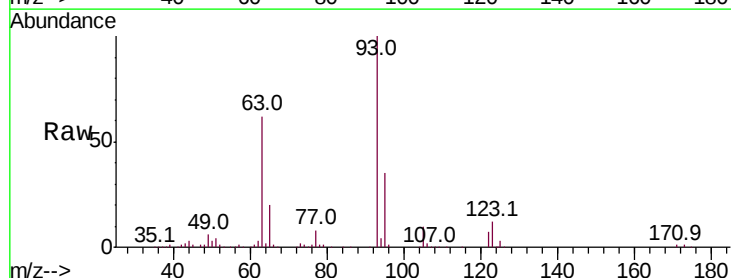
Instrument :
BNA_G
ClientSampleId :
370MSD

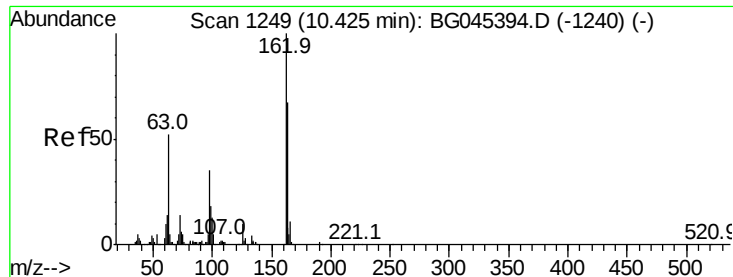
Tot Ion:122 Resp: 219668
Ion Ratio Lower Upper
122 100
107 127.1 99.0 148.4
121 59.7 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 43.862 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion: 93 Resp: 287878
Ion Ratio Lower Upper
93 100
95 34.8 27.6 41.4
123 11.7 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 47.446 ng

RT: 10.44 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

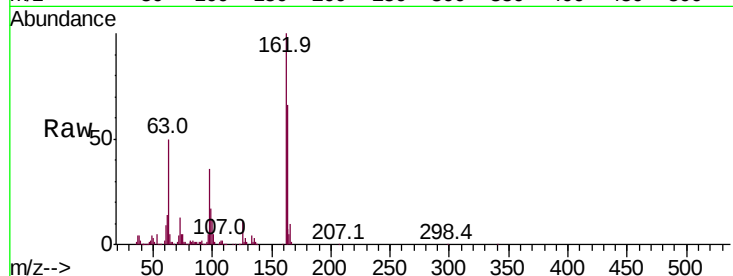
Tot Ion:162 Resp: 242027

Ion Ratio Lower Upper

162 100

164 66.4 46.8 86.8

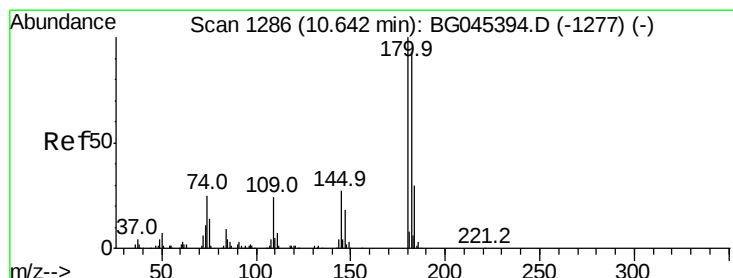
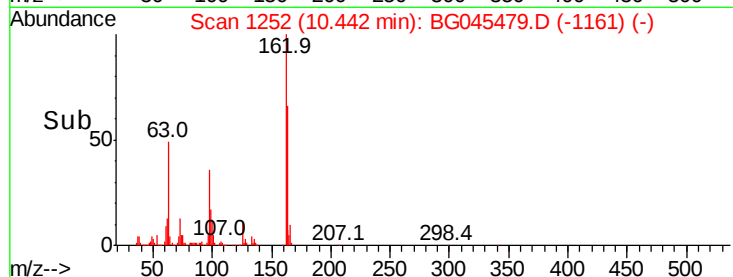
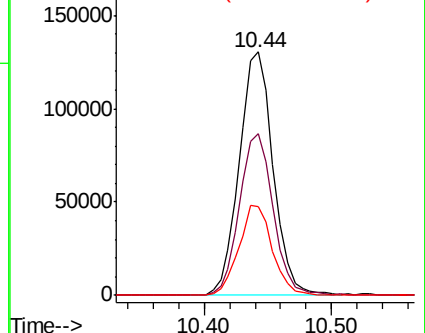
98 36.4 15.2 55.2



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): B



#30

1,2,4-Trichlorobenzene

Concen: 44.039 ng

RT: 10.63 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

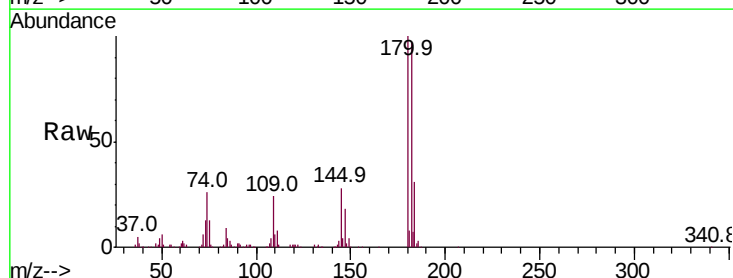
Tgt Ion:180 Resp: 265458

Ion Ratio Lower Upper

180 100

182 96.6 74.8 112.2

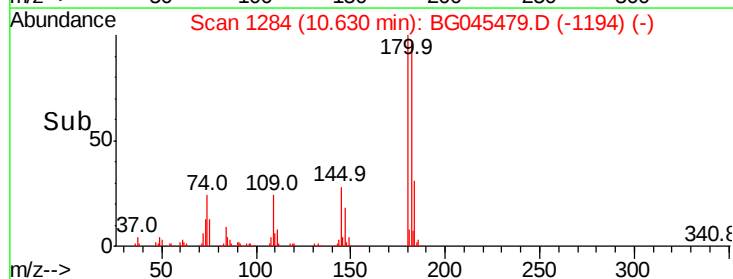
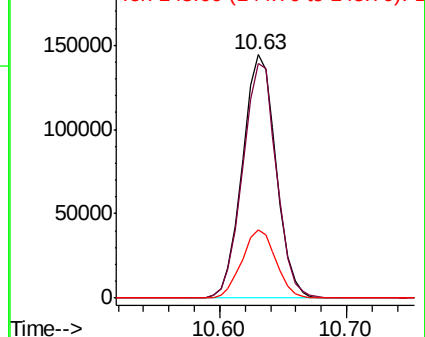
145 28.0 21.9 32.9

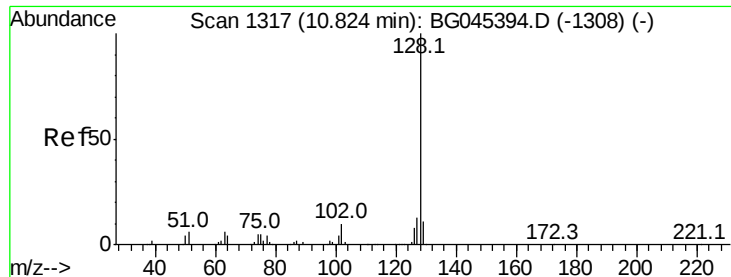


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

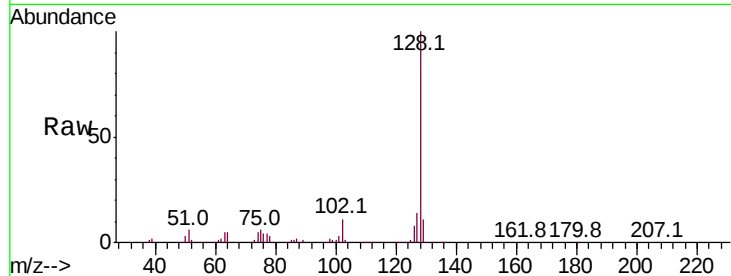




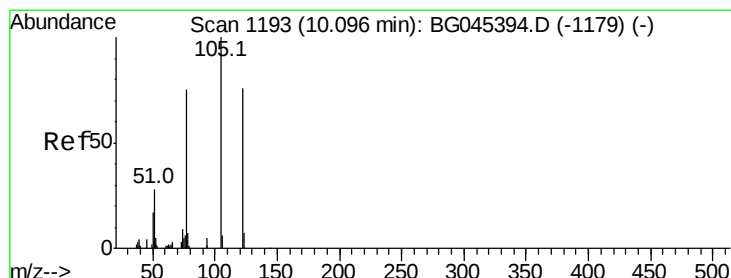
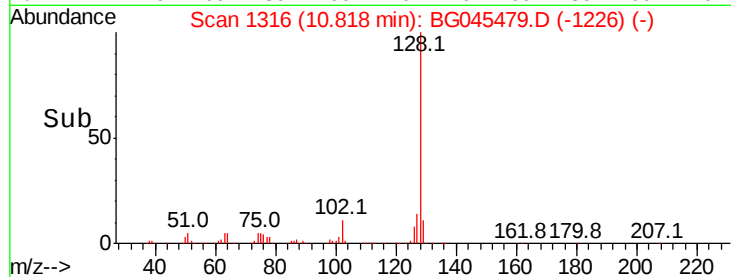
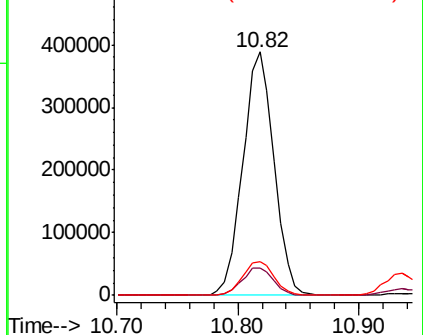
#31
Naphthalene
Concen: 43.320 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampled :
370MSD

Tot Ion:128 Resp: 699550
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.6 10.7 16.1

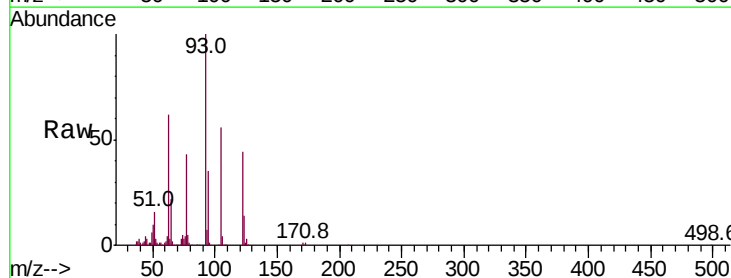


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

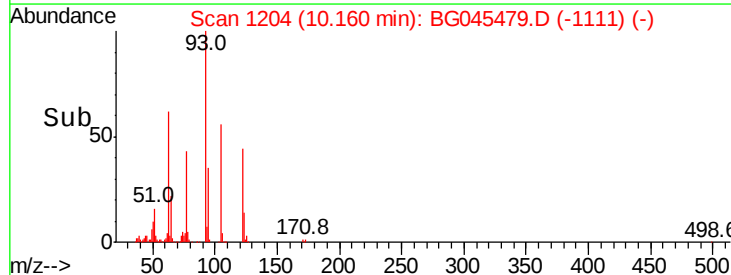
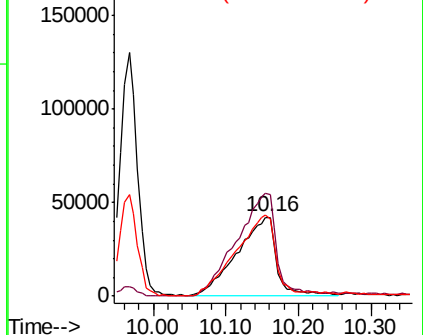


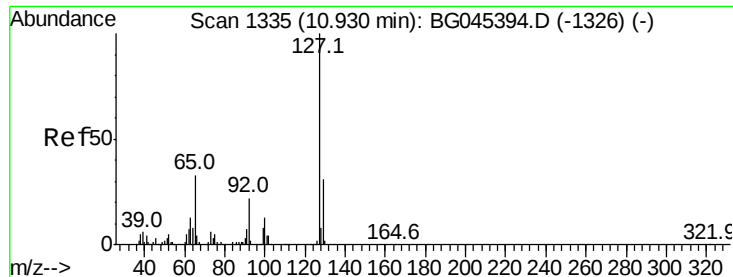
#32
Benzoic acid
Concen: 52.117 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion:122 Resp: 156310
Ion Ratio Lower Upper
122 100
105 128.7 107.9 147.9
77 98.7 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

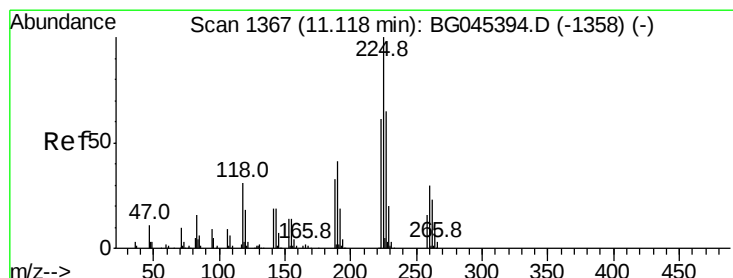
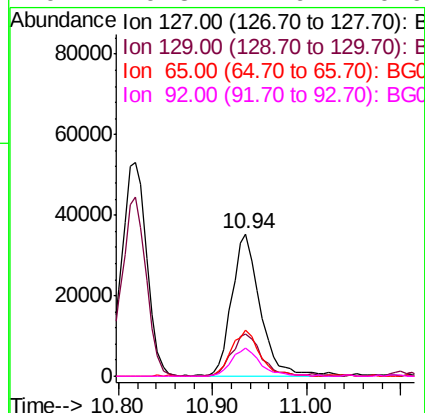
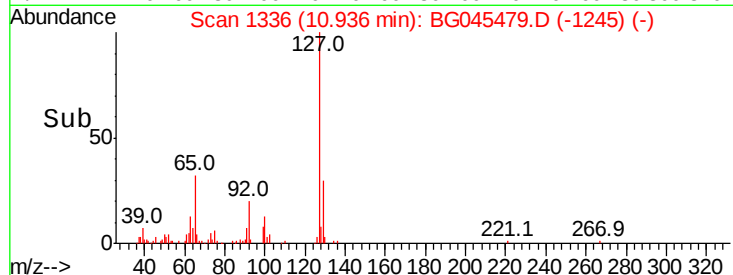
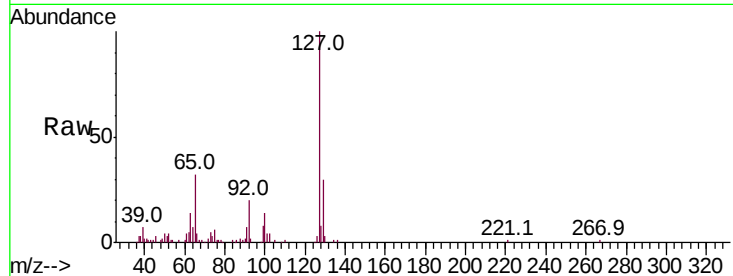




#33
4-Chloroaniline
Concen: 11.032 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

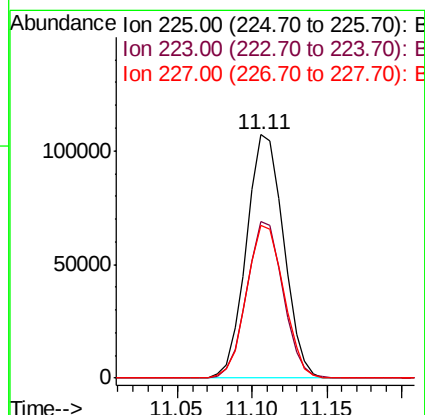
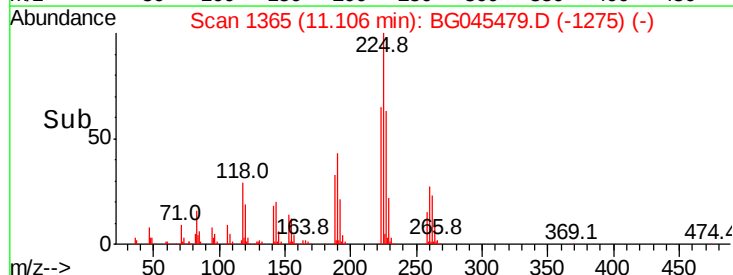
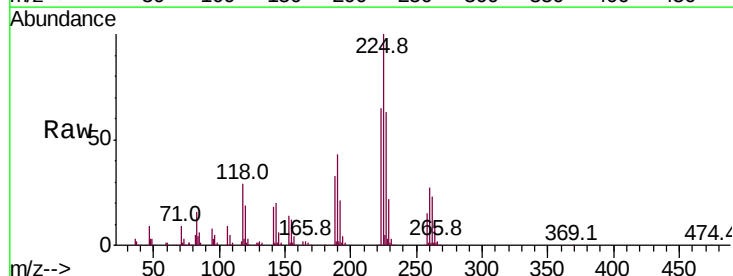
Instrument :
BNA_G
ClientSampleId :
370MSD

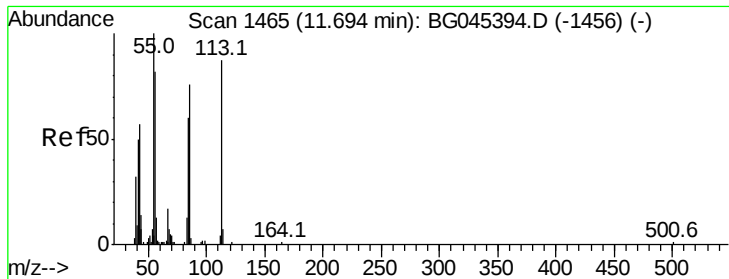
Tot Ion:127	Resp:	74465
Ion Ratio	Lower	Upper
127 100		
129 30.0	24.7	37.1
65 32.0	26.2	39.2
92 19.8	17.9	26.9



#34
Hexachlorobutadiene
Concen: 43.283 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion:225	Resp:	184420
Ion Ratio	Lower	Upper
225 100		
223 64.6	49.1	73.7
227 62.9	52.0	78.0





#35

Caprolactam

Concen: 26.805 ng

RT: 11.70 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

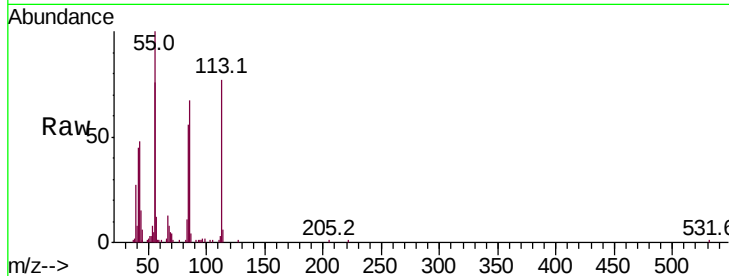
Tot Ion:113 Resp: 50189

Ion Ratio Lower Upper

113 100

55 129.7 96.0 136.0

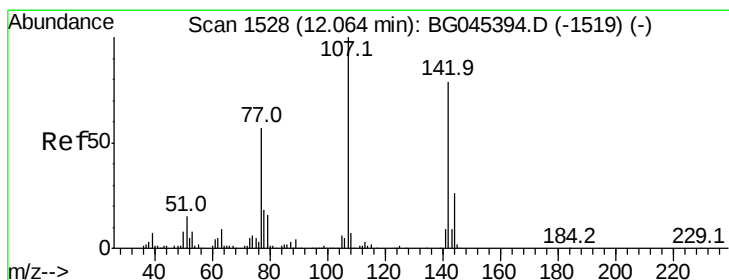
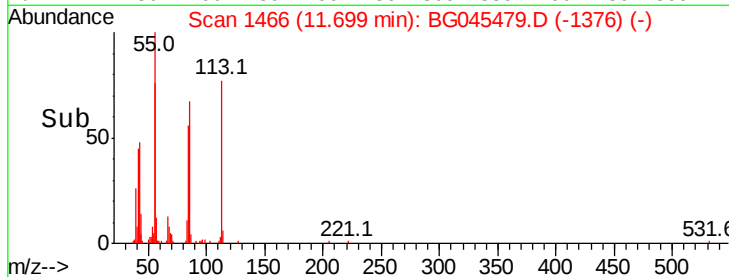
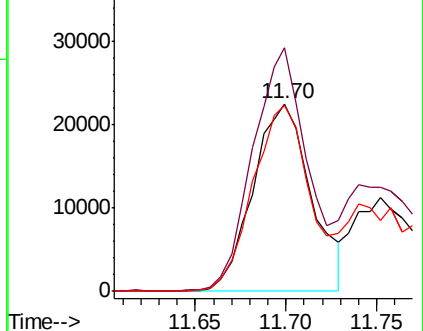
56 98.9 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.320 ng

RT: 12.09 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

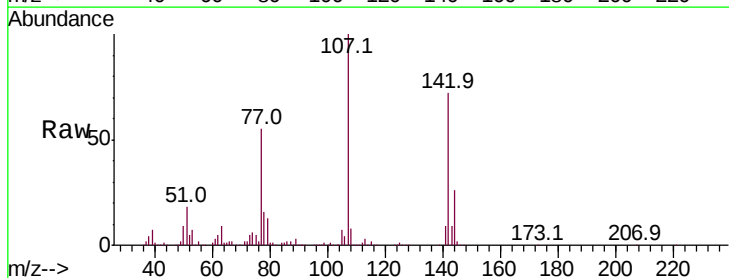
Tgt Ion:107 Resp: 272002

Ion Ratio Lower Upper

107 100

144 25.5 20.8 31.2

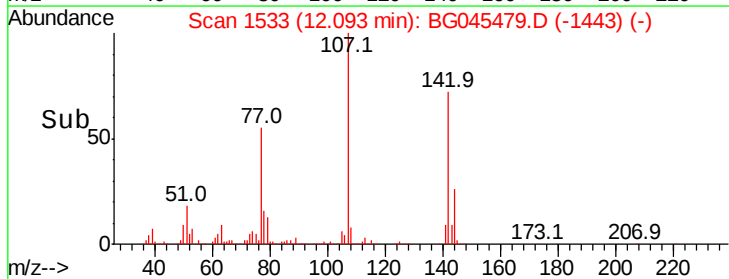
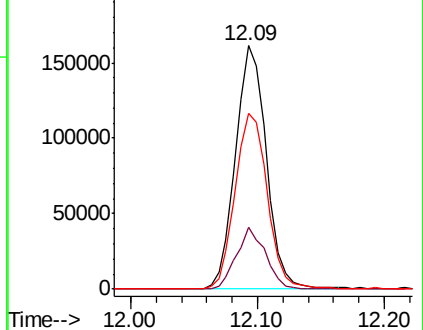
142 71.9 62.8 94.2

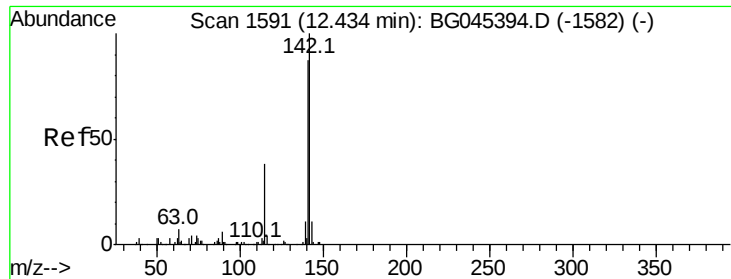


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

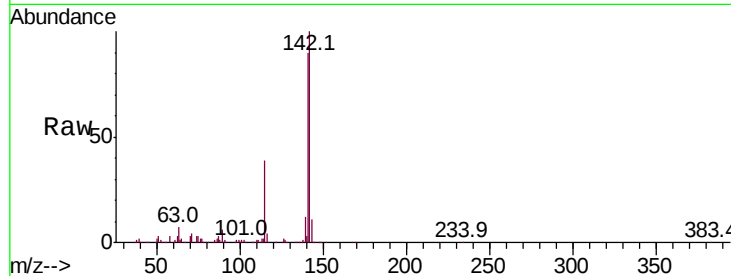




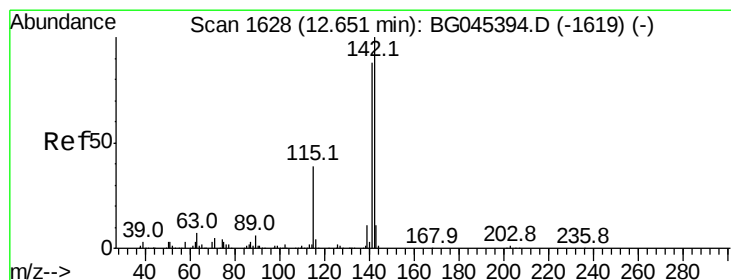
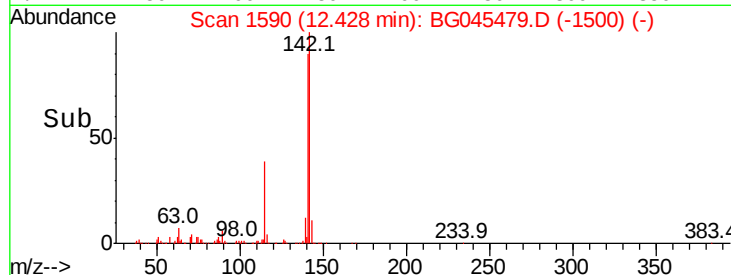
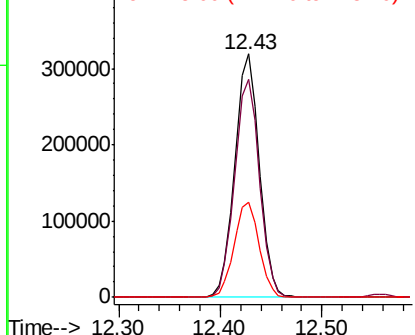
#37
2-Methylnaphthalene
Concen: 44.650 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.0	105.0
115	39.3	30.8	46.2

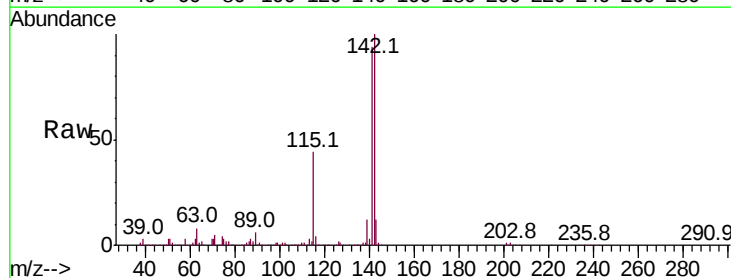


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

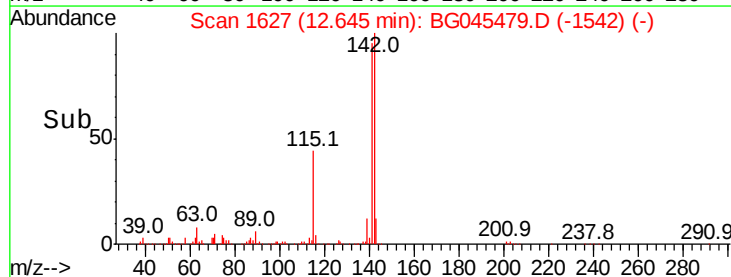
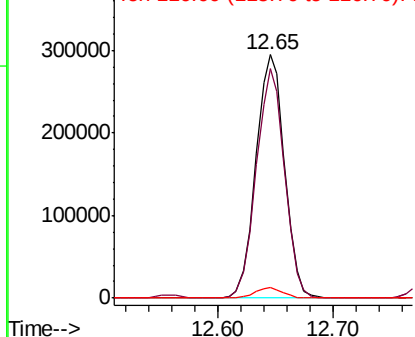


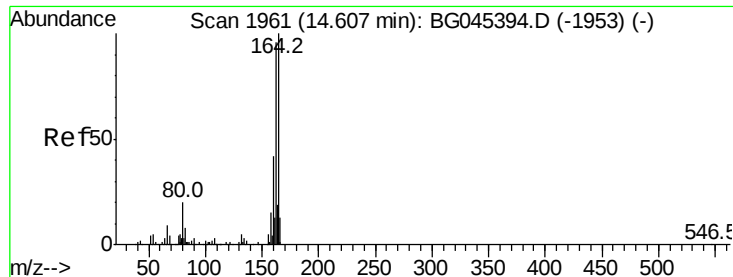
#38
1-Methylnaphthalene
Concen: 44.647 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	70.8	106.2
116	4.5	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# 1960

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

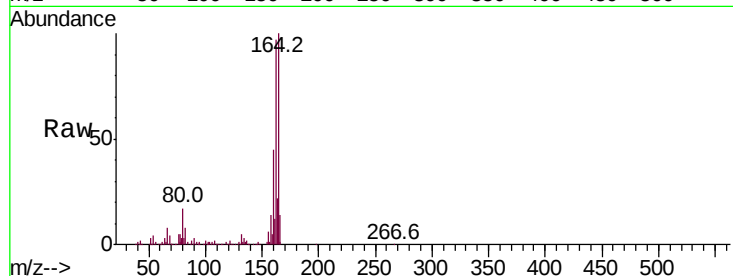
Tot Ion:164 Resp: 252649

Ion Ratio Lower Upper

164 100

162 96.6 76.9 115.3

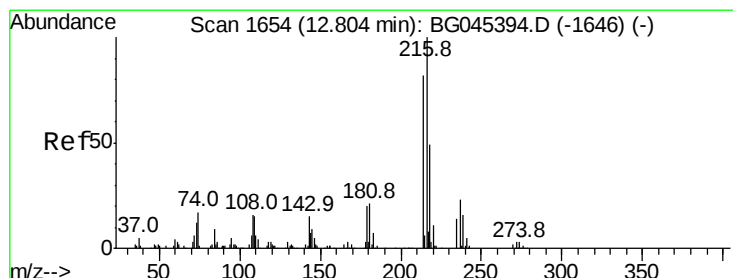
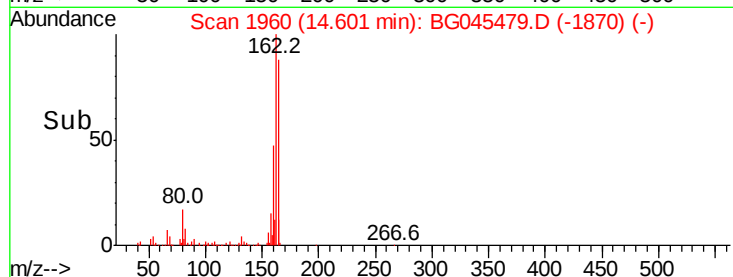
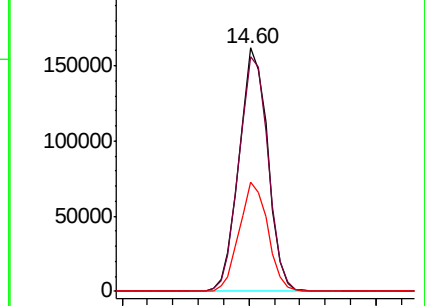
160 45.0 33.8 50.8



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: 45.181 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:216 Resp: 318836

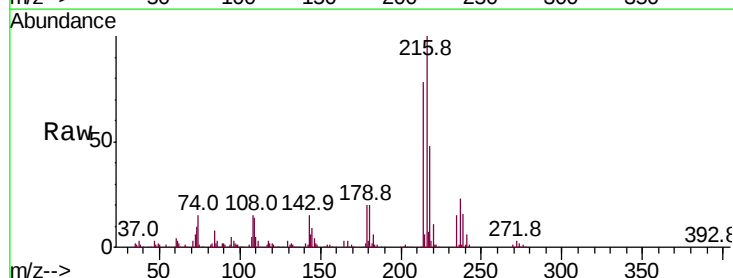
Ion Ratio Lower Upper

216 100

214 77.9 63.7 95.5

179 19.7 16.1 24.1

108 18.0 13.8 20.6

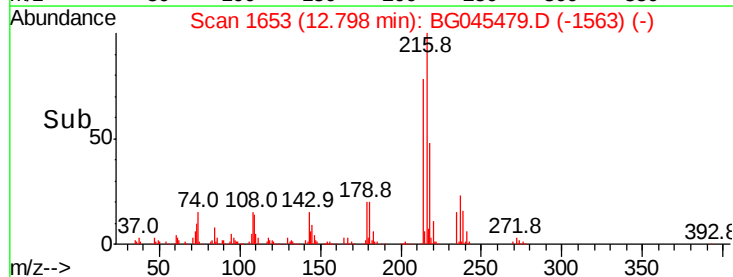
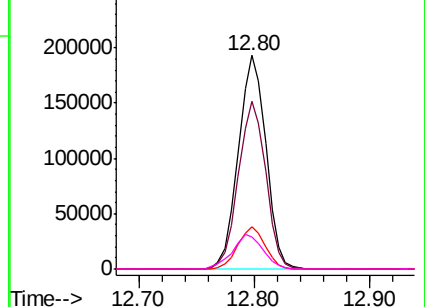


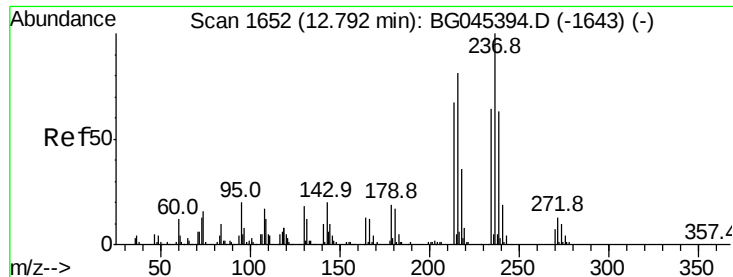
Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.158 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

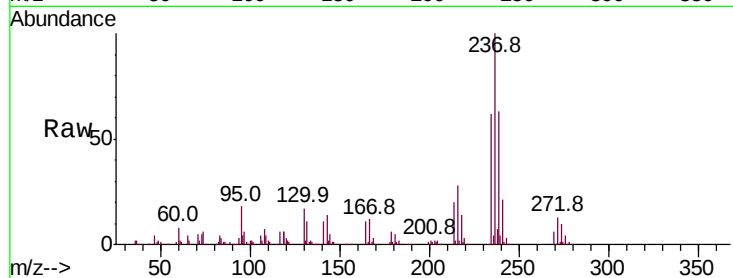
Tot Ion:237 Resp: 297980

Ion Ratio Lower Upper

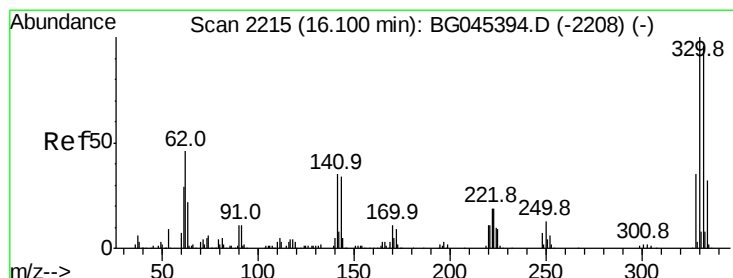
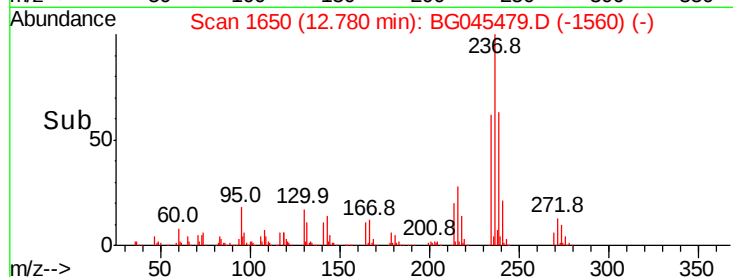
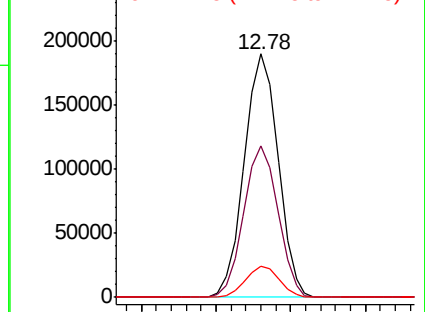
237 100

235 62.0 44.4 84.4

272 12.7 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: 117.139 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

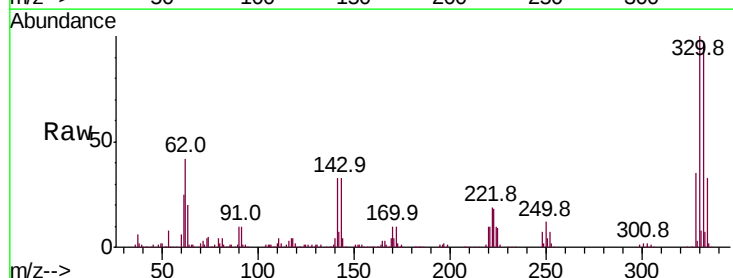
Tgt Ion:330 Resp: 378486

Ion Ratio Lower Upper

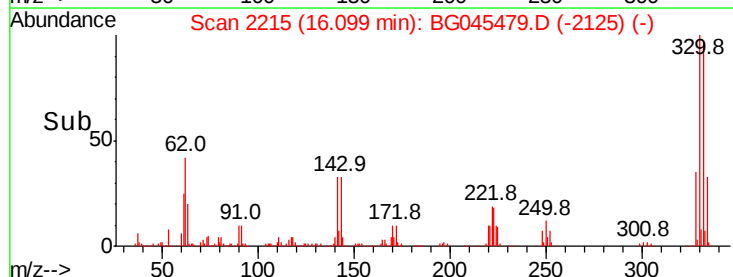
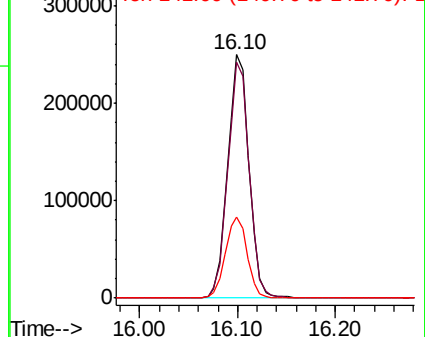
330 100

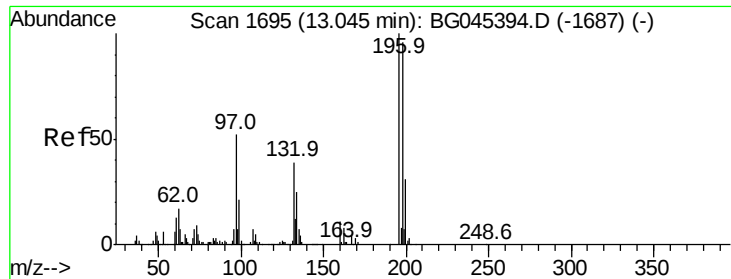
332 97.0 78.2 117.4

141 34.0 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

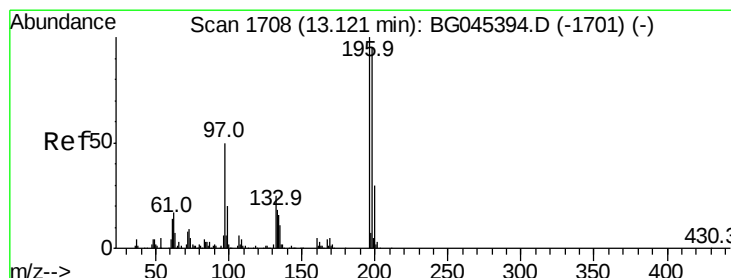
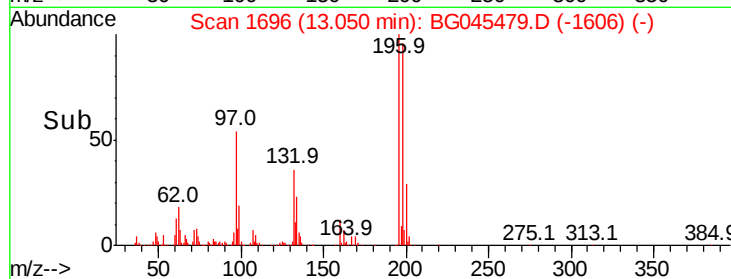
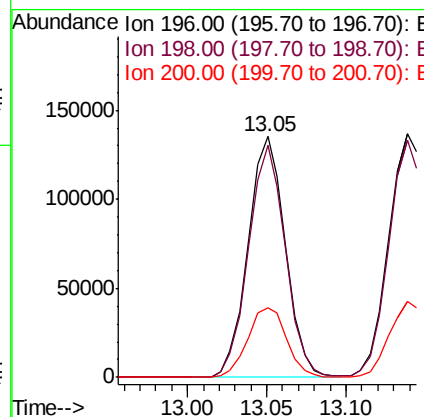
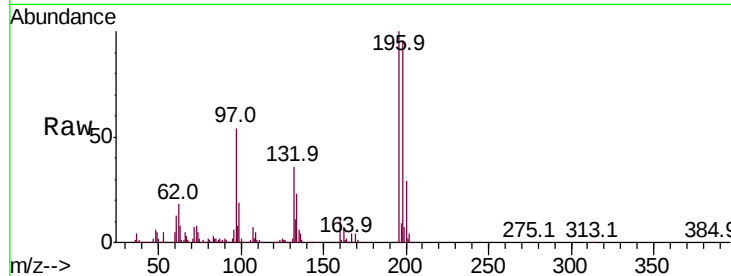




#43
 2,4,6-Trichlorophenol
 Concen: 45.051 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

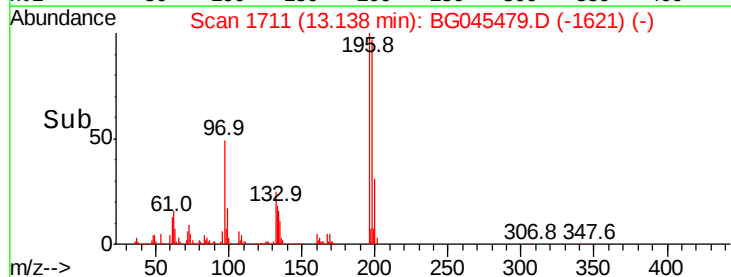
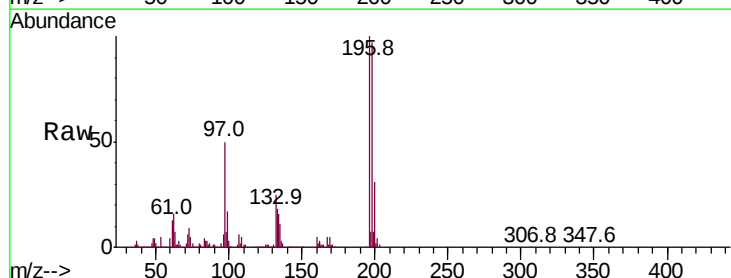
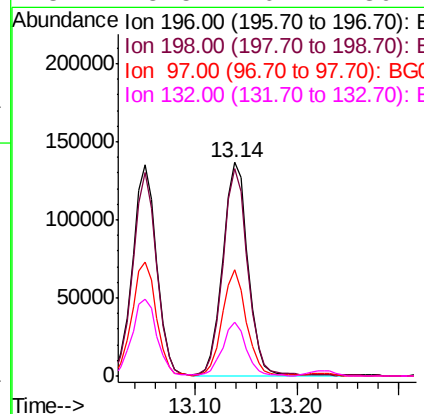
Instrument :
 BNA_G
 ClientSampleId :
 370MSD

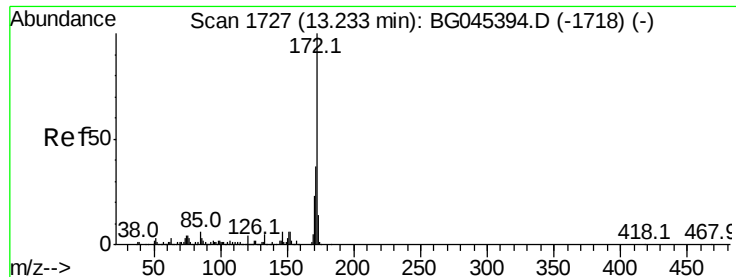
Tot Ion:	196	Resp:	220845
Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.7	115.1
200	28.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.007 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Tgt Ion:	196	Resp:	235316
Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.1	114.1
97	49.6	40.0	60.0
132	25.5	20.2	30.2

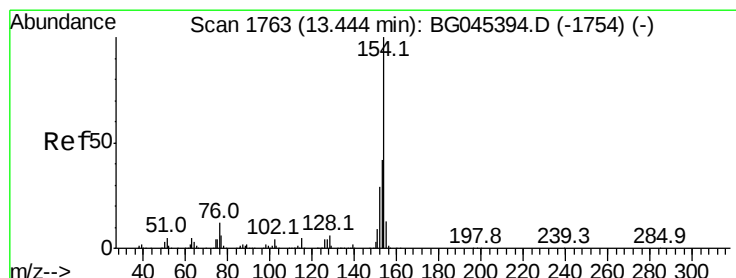
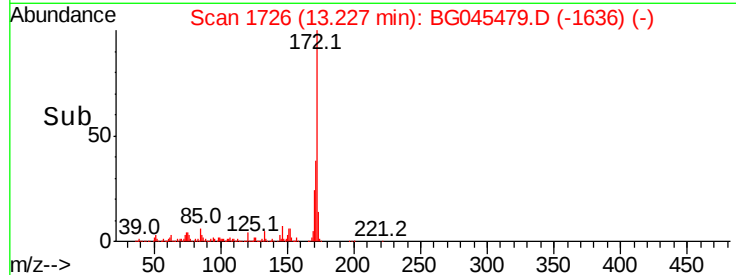
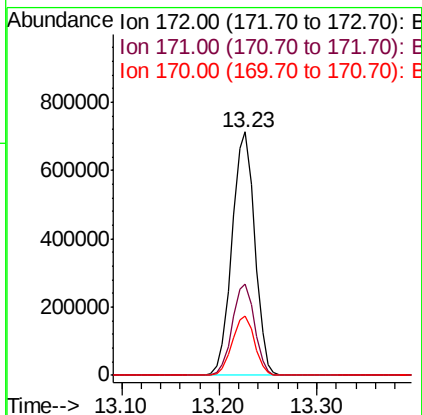
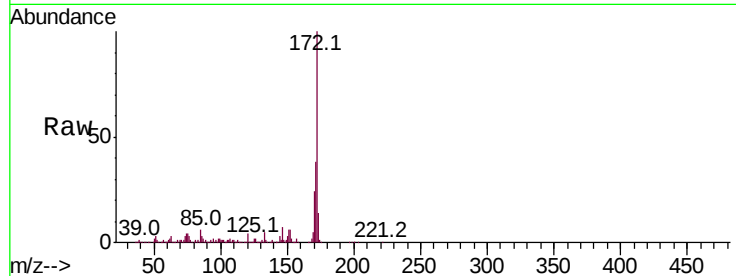




#45
2-Fluorobiphenyl
Concen: 77.074 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

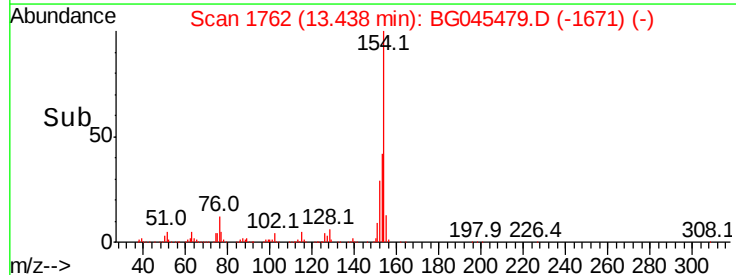
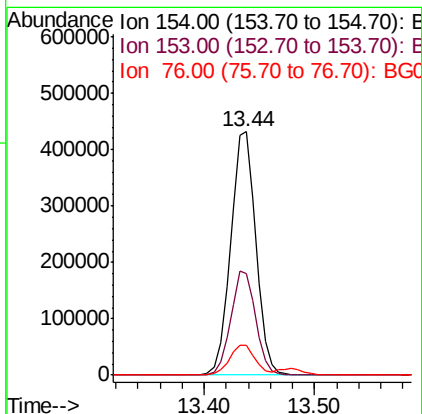
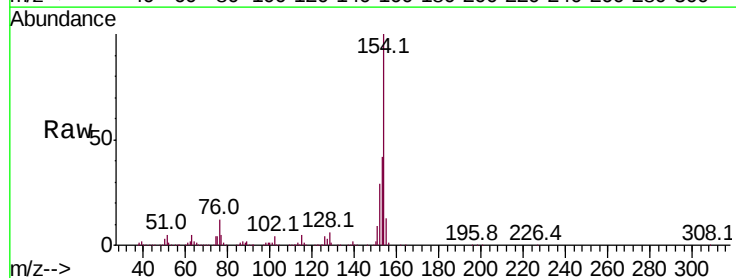
Instrument :
BNA_G
ClientSampleId :
370MSD

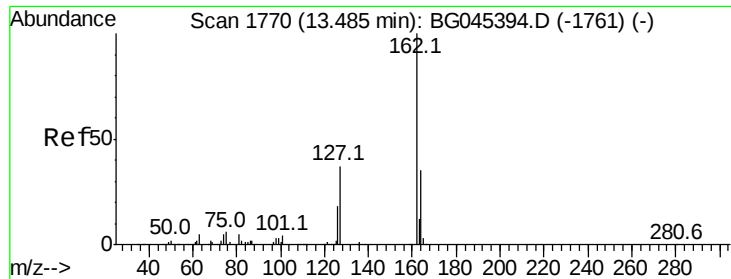
Tot Ion:172 Resp: 1148019
Ion Ratio Lower Upper
172 100
171 37.7 29.5 44.3
170 24.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 44.405 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion:154 Resp: 689357
Ion Ratio Lower Upper
154 100
153 41.6 22.2 62.2
76 12.4 0.0 32.4





#47

2-Chloronaphthalene

Concen: 42.269 ng

RT: 13.48 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

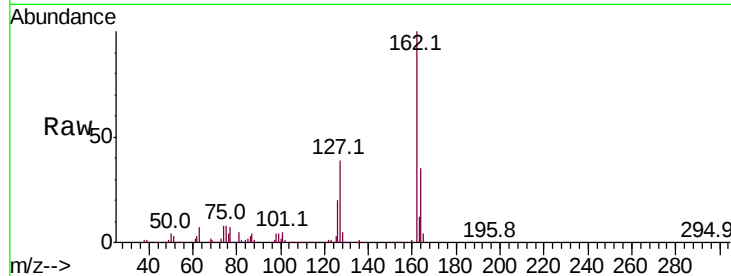
Tot Ion:162 Resp: 532853

Ion Ratio Lower Upper

162 100

127 39.0 31.6 47.4

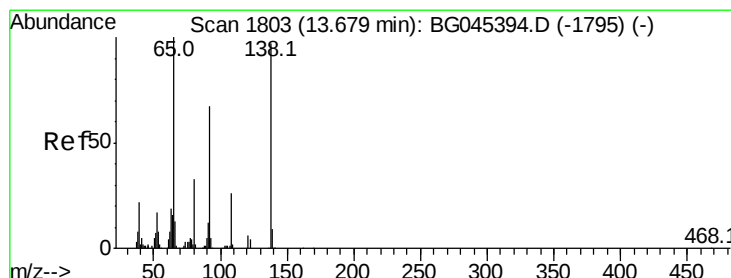
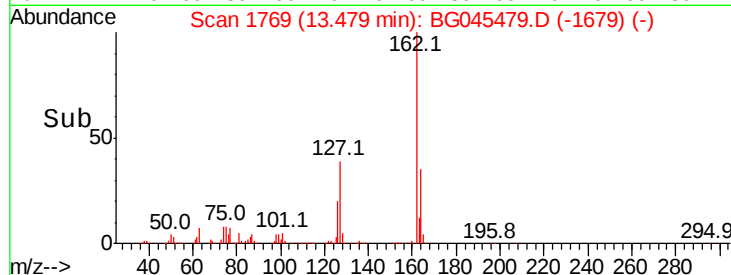
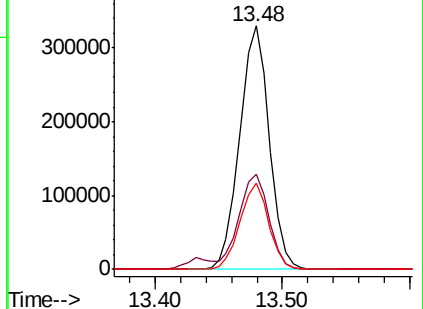
164 35.2 28.1 42.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.361 ng

RT: 13.68 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

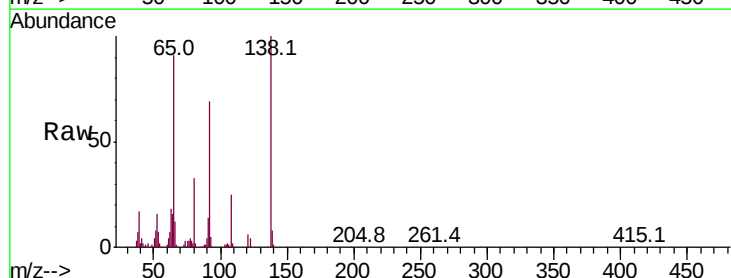
Tgt Ion: 65 Resp: 167366

Ion Ratio Lower Upper

65 100

92 75.7 53.8 80.8

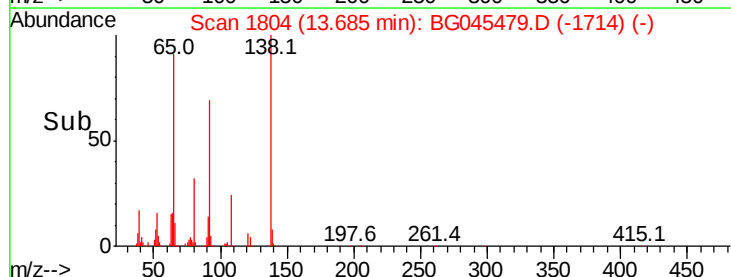
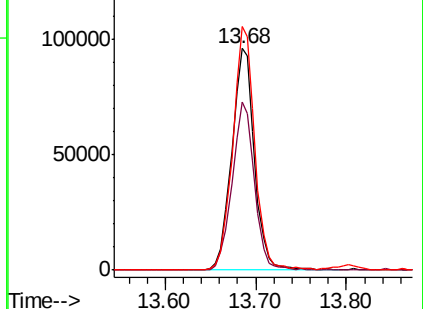
138 109.8 77.9 116.9

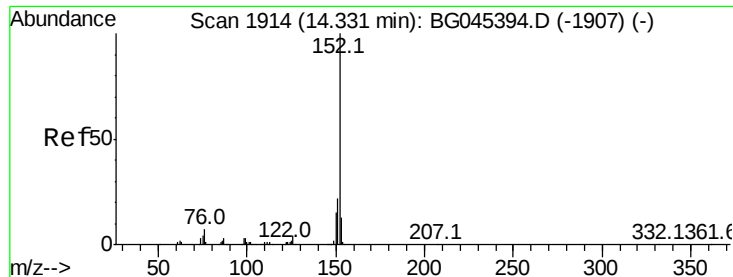


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.056 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

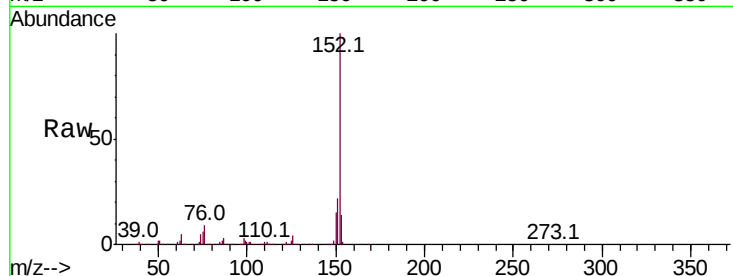
Tot Ion:152 Resp: 871824

Ion Ratio Lower Upper

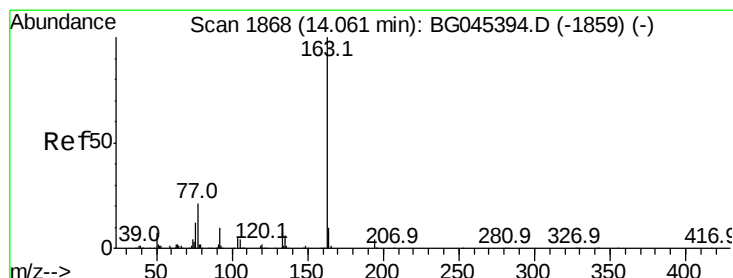
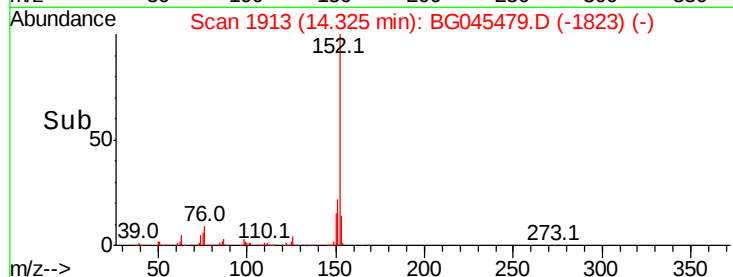
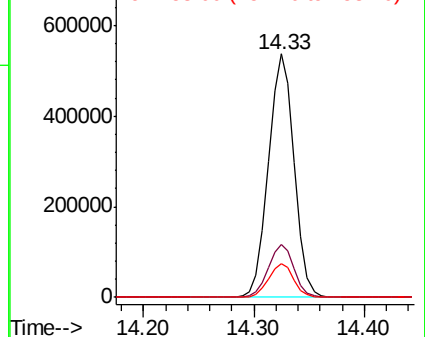
152 100

151 22.0 17.4 26.2

153 13.6 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: 47.609 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

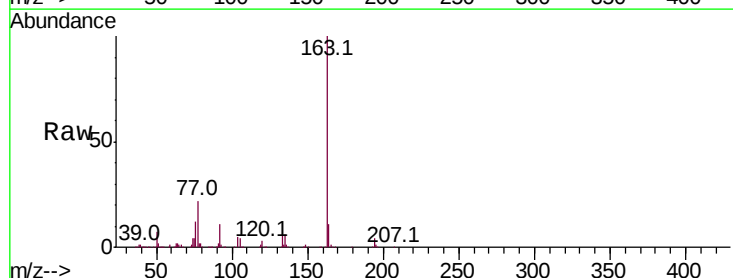
Tgt Ion:163 Resp: 825140

Ion Ratio Lower Upper

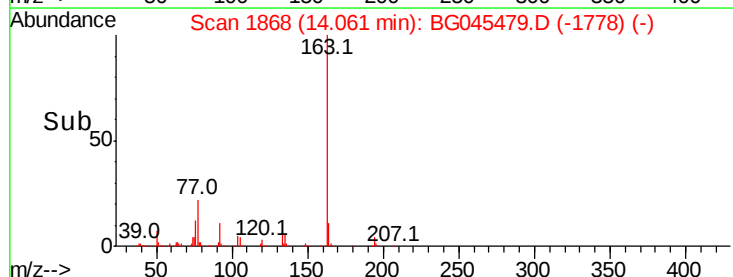
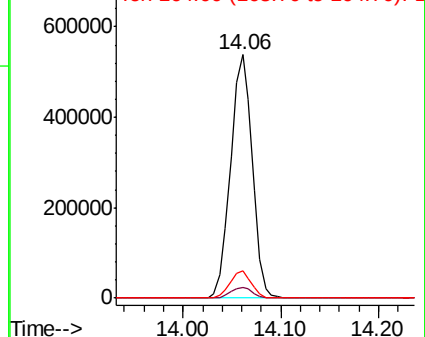
163 100

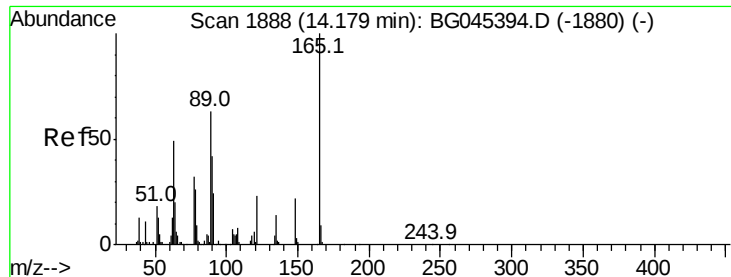
194 4.5 3.2 4.8

164 11.2 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: 41.744 ng

RT: 14.18 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

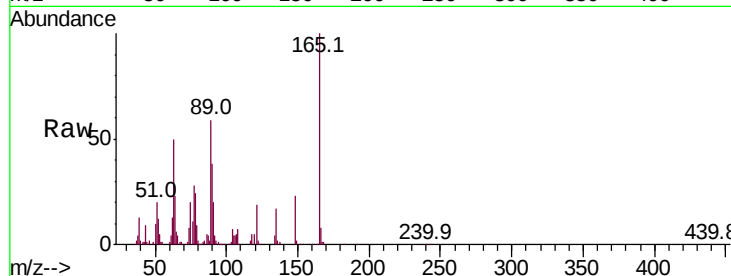
Tot Ion:165 Resp: 163256

Ion Ratio Lower Upper

165 100

63 49.6 45.0 67.4

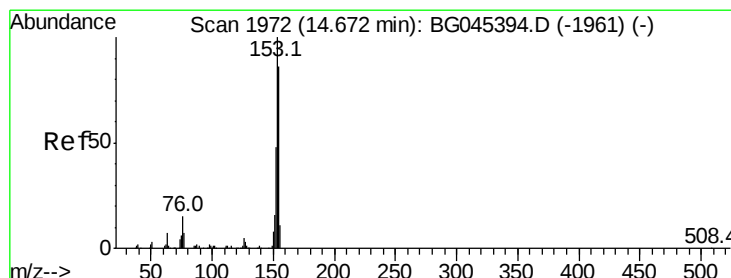
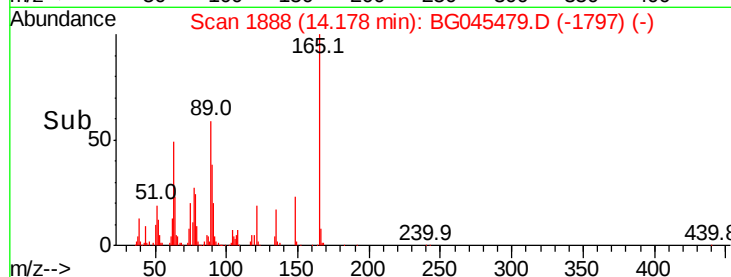
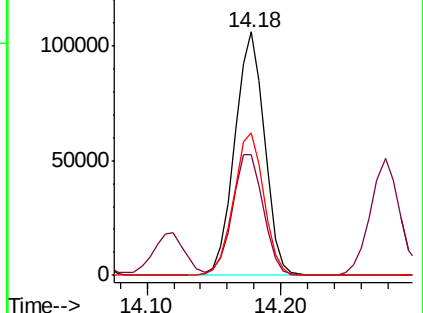
89 58.5 50.2 75.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 38.243 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

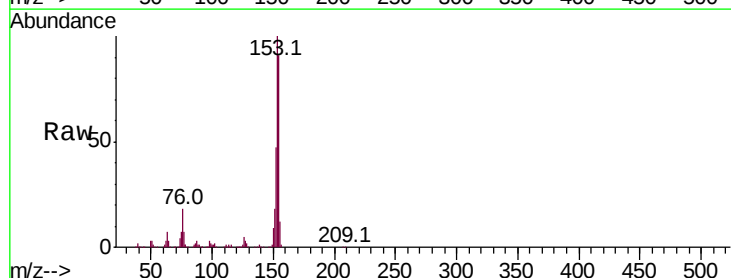
Tgt Ion:154 Resp: 518352

Ion Ratio Lower Upper

154 100

153 109.9 92.8 139.2

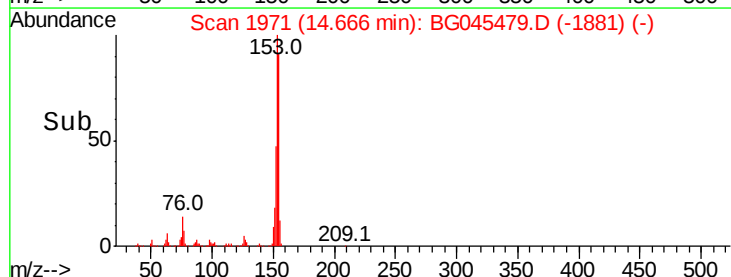
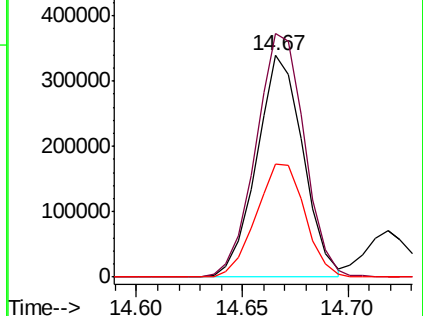
152 51.3 44.6 66.8

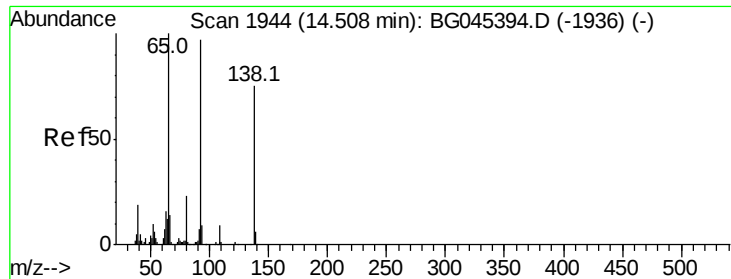


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

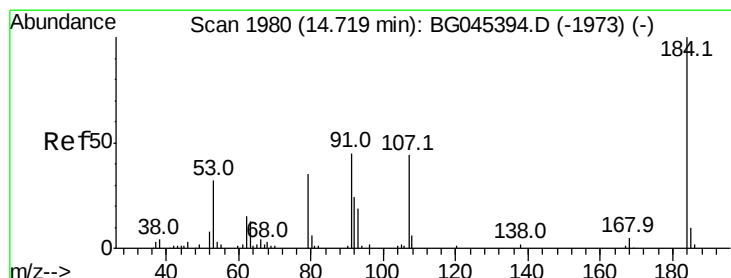
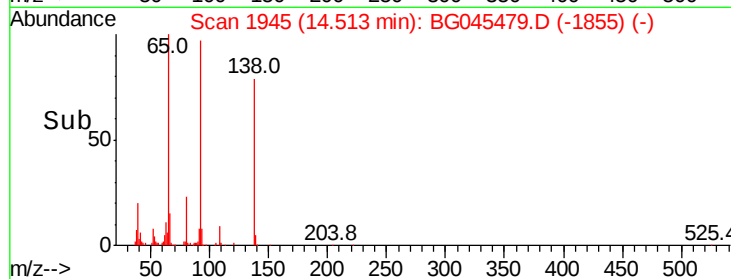
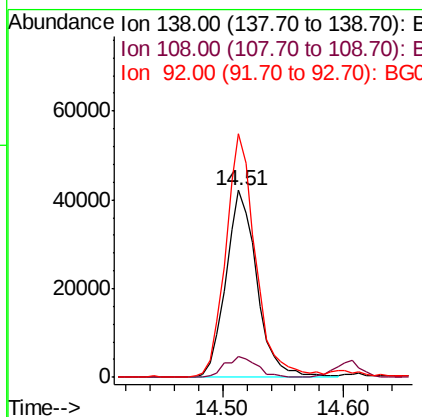
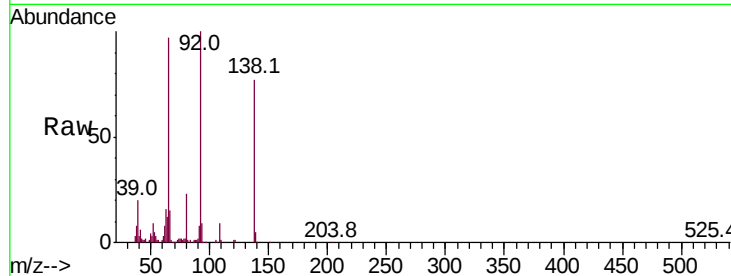




#53
3-Nitroaniline
Concen: 18.957 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

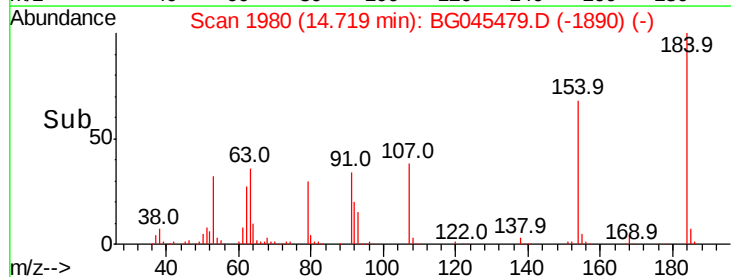
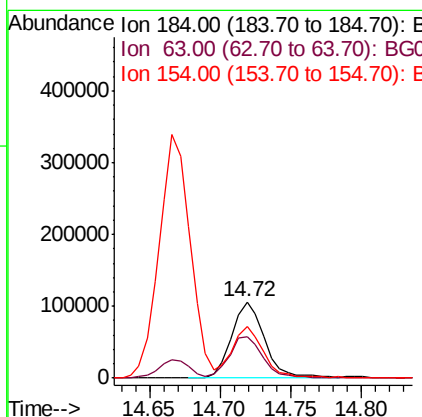
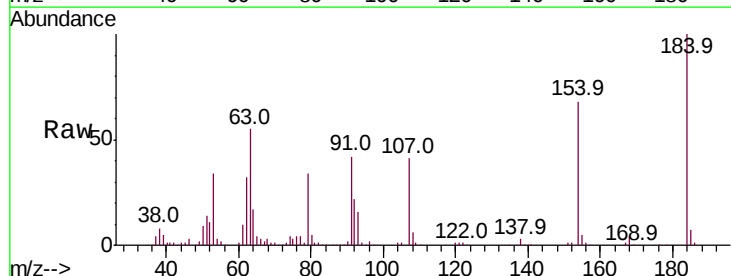
Instrument :
BNA_G
ClientSampleId :
370MSD

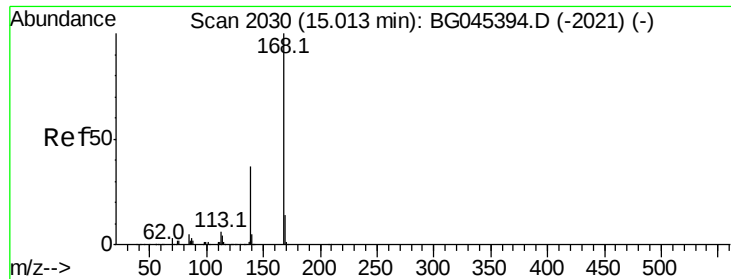
Tot Ion:138 Resp: 75365
Ion Ratio Lower Upper
138 100
108 11.2 9.8 14.6
92 130.0 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 68.244 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion:184 Resp: 172627
Ion Ratio Lower Upper
184 100
63 54.5 47.8 71.6
154 67.8 58.3 87.5





#55

Dibenzofuran

Concen: 41.540 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

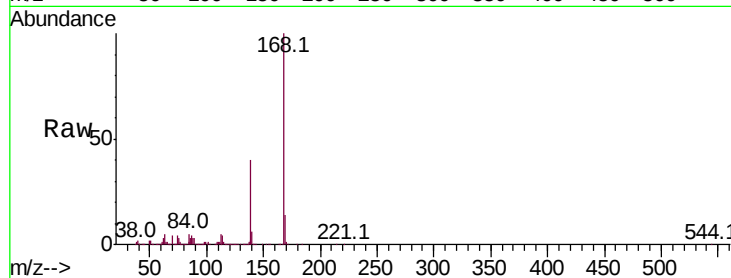
Tot Ion:168 Resp: 836127

Ion Ratio Lower Upper

168 100

139 39.6 29.9 44.9

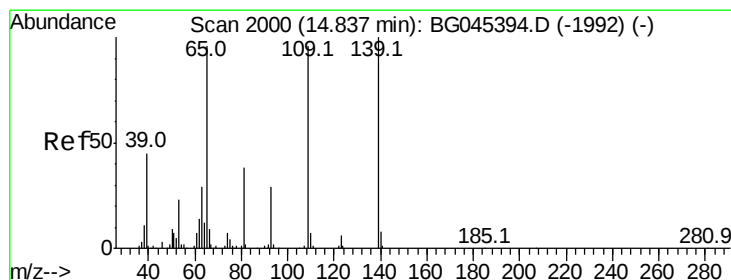
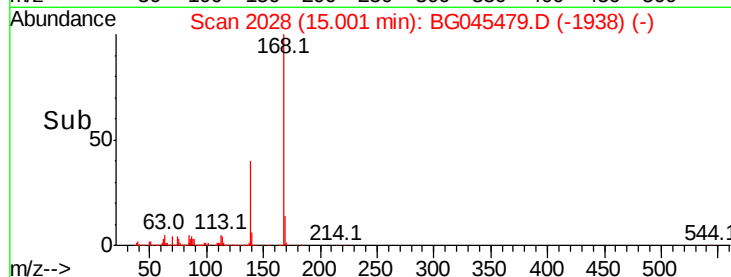
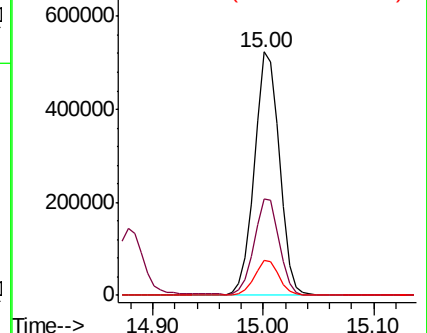
169 14.4 10.9 16.3



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: 84.547 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

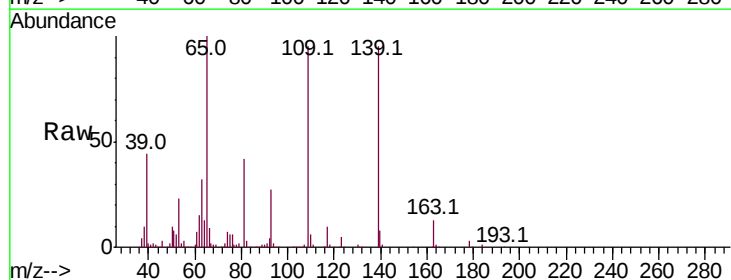
Tgt Ion:139 Resp: 254477

Ion Ratio Lower Upper

139 100

109 99.6 75.6 115.6

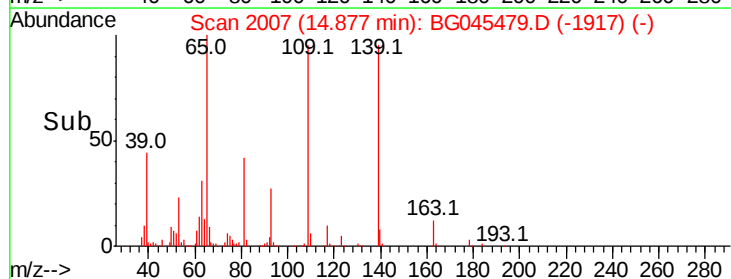
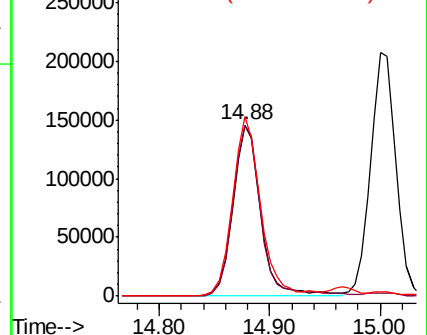
65 105.1 76.8 116.8

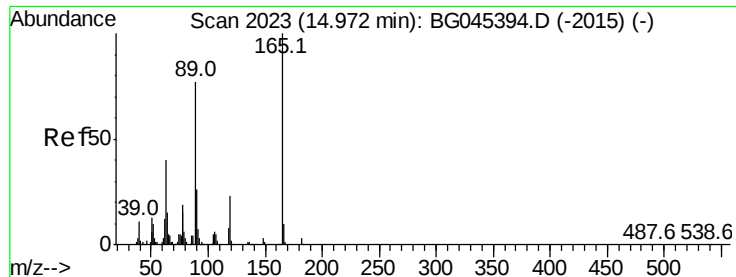


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

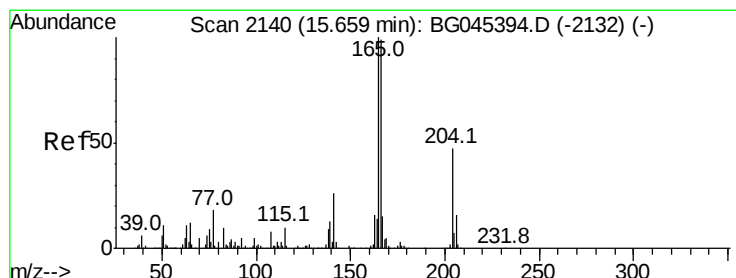
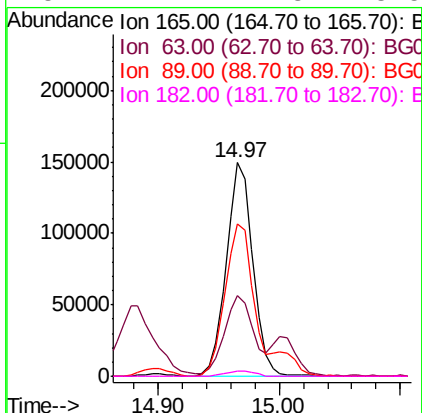
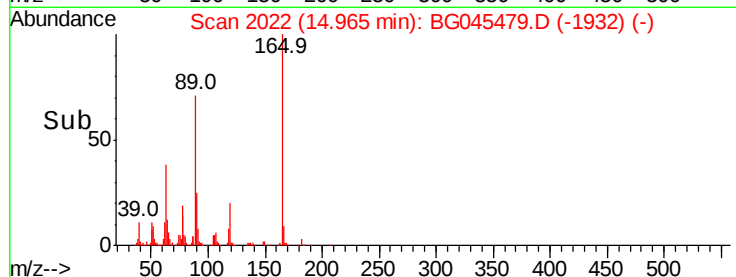
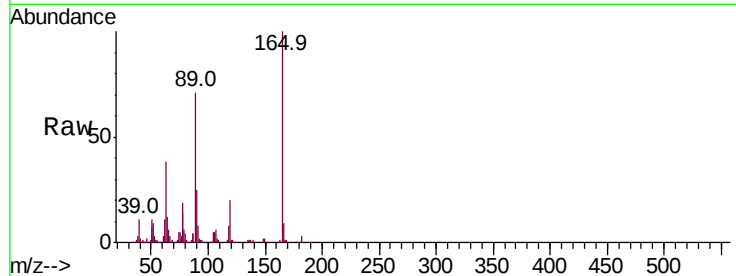




#57
2,4-Dinitrotoluene
Concen: 40.368 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

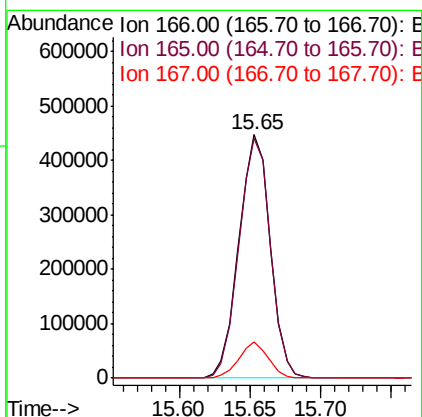
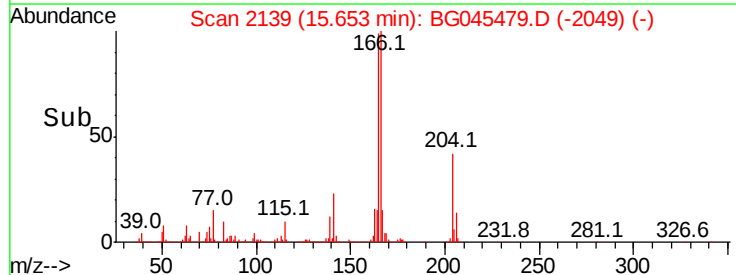
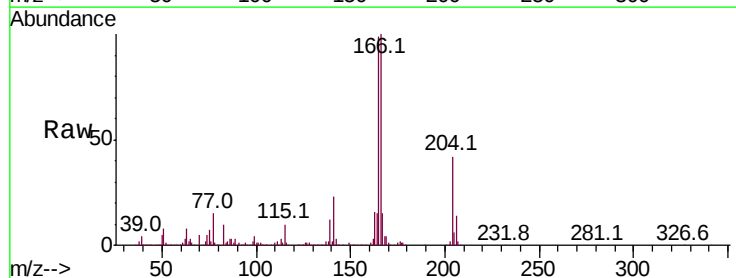
Instrument :
BNA_G
ClientSampleId :
370MSD

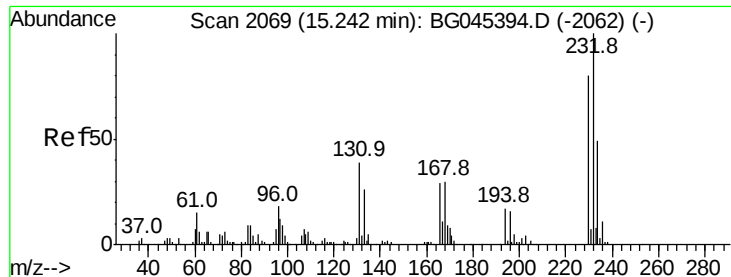
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.0	32.5	48.7
89	71.1	61.8	92.6
182	2.7	2.3	3.5



#58
Fluorene
Concen: 42.018 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.8	121.2
167	14.8	12.0	18.0

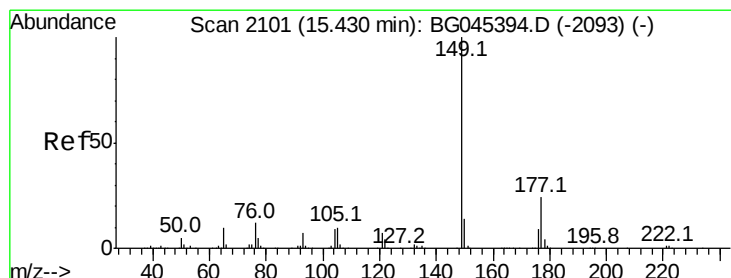
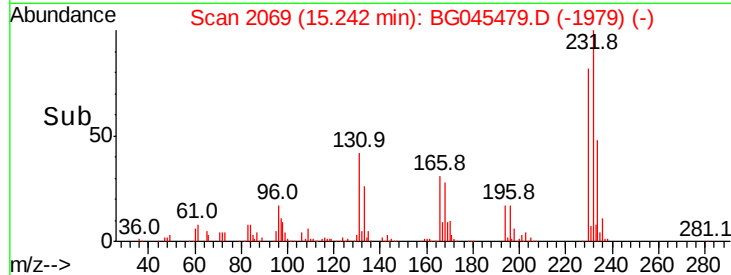
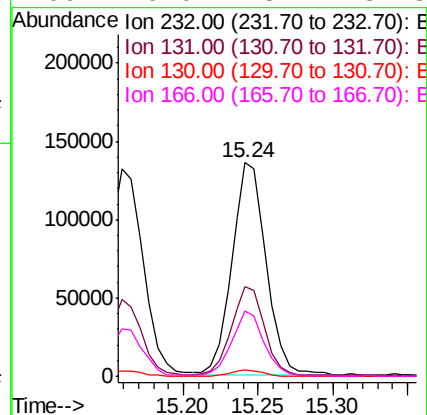
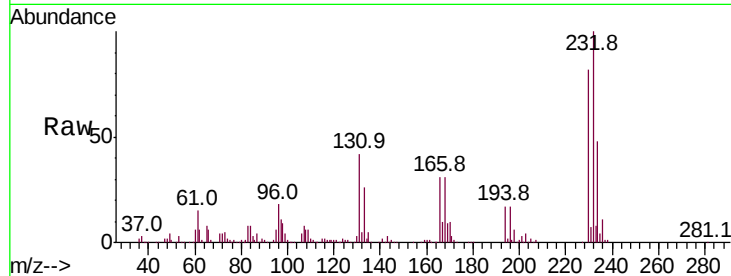




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.100 ng
RT: 15.24 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

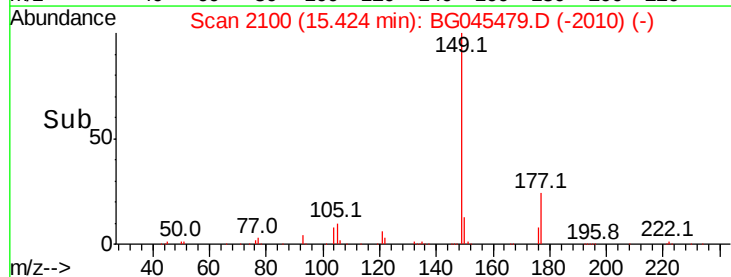
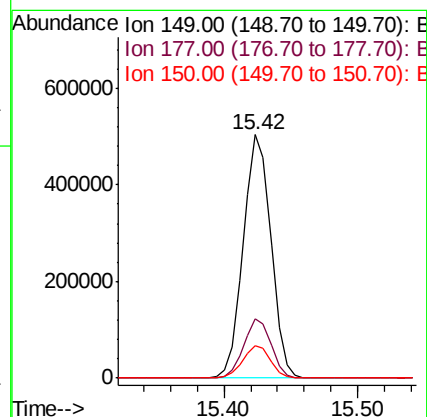
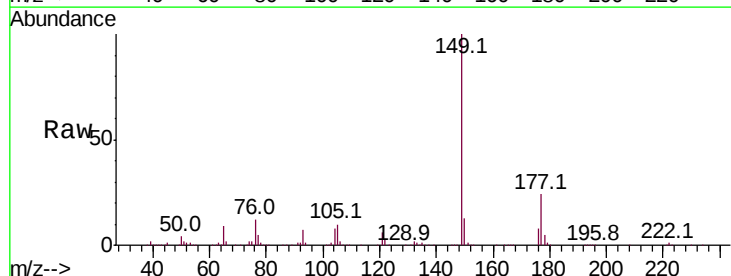
Instrument :
BNA_G
ClientSampleId :
370MSD

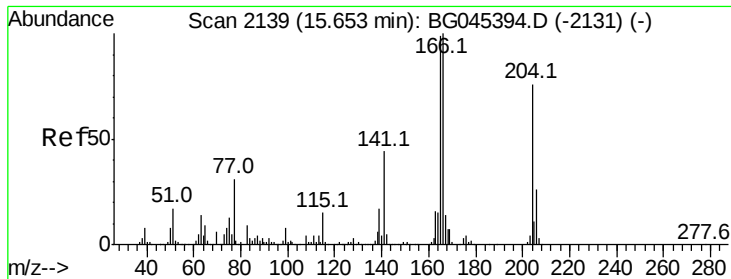
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.3	33.7	50.5
130	2.6	2.1	3.1
166	29.0	23.2	34.8



#60
Diethylphthalate
Concen: 39.852 ng
RT: 15.42 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.0	28.4
150	13.2	11.4	17.0

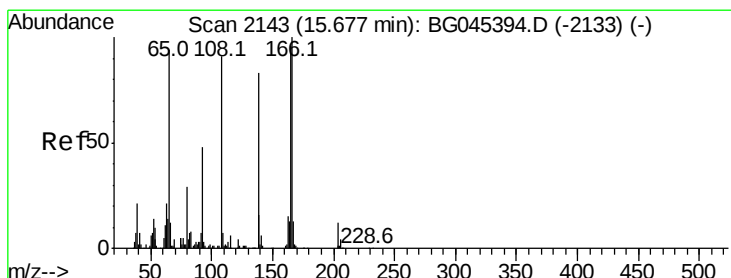
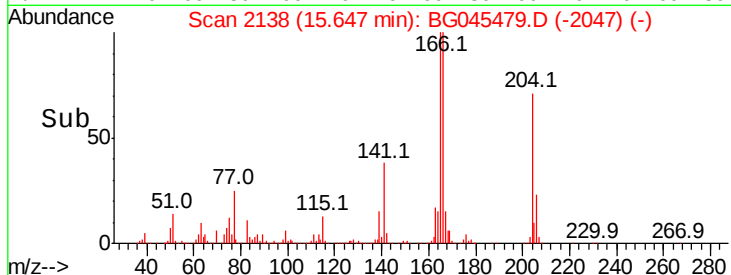
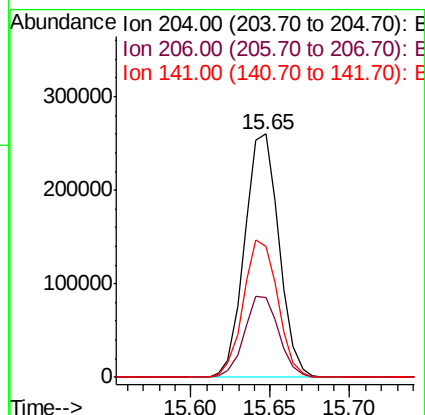
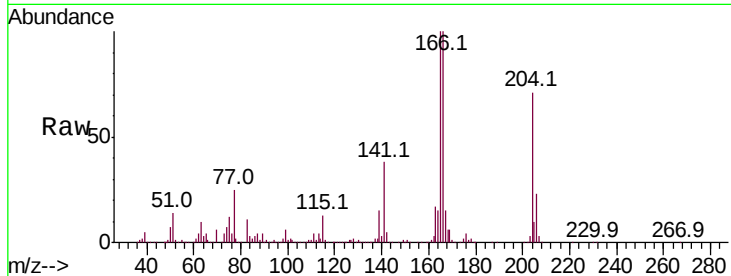




#61
4-Chlorophenyl-phenylether
Concen: 41.334 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

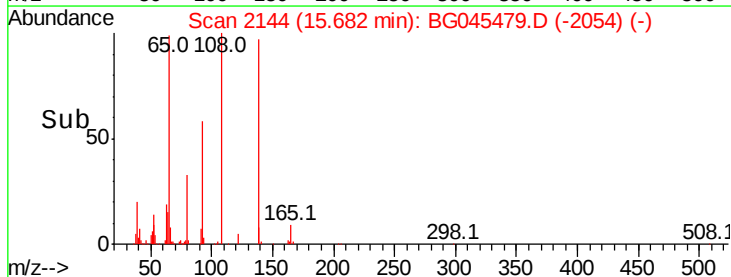
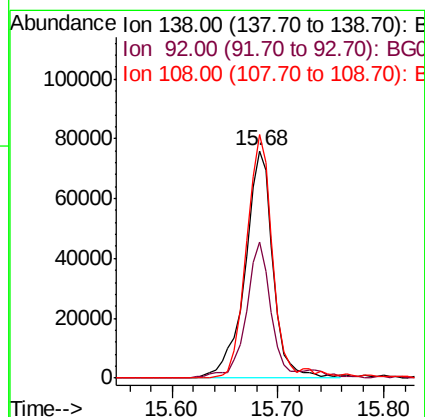
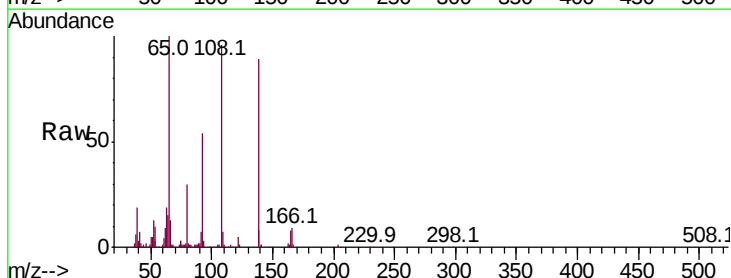
Instrument :
BNA_G
ClientSampleId :
370MSD

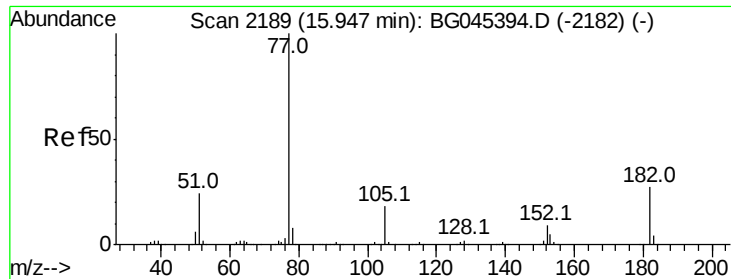
Tot Ion:204 Resp: 391130
Ion Ratio Lower Upper
204 100
206 32.9 27.3 40.9
141 53.9 45.9 68.9



#62
4-Nitroaniline
Concen: 33.587 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion:138 Resp: 139396
Ion Ratio Lower Upper
138 100
92 60.1 38.0 78.0
108 107.2 89.3 129.3

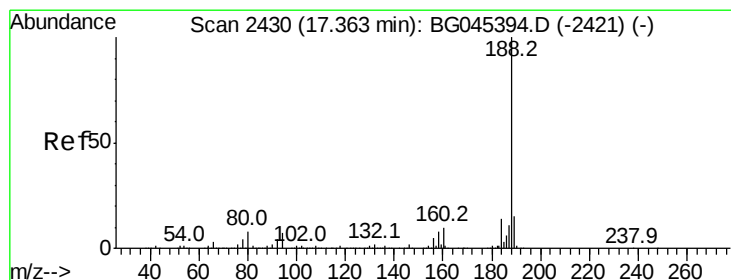
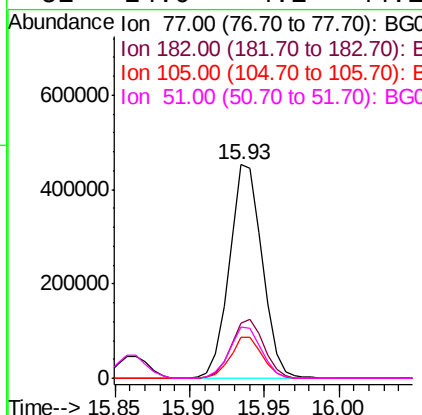
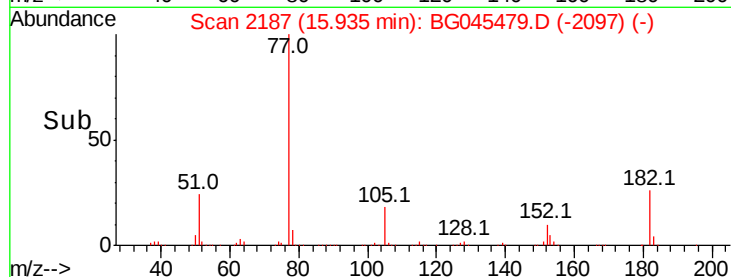
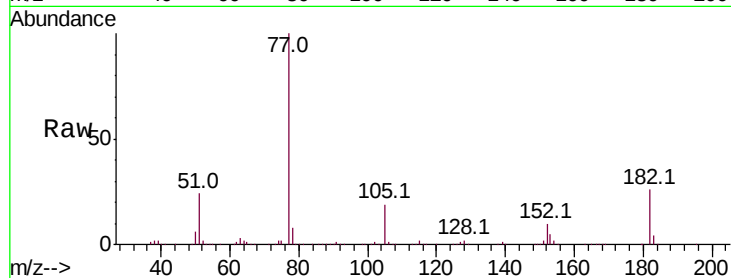




#63
Azobenzene
Concen: 41.072 ng
RT: 15.93 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

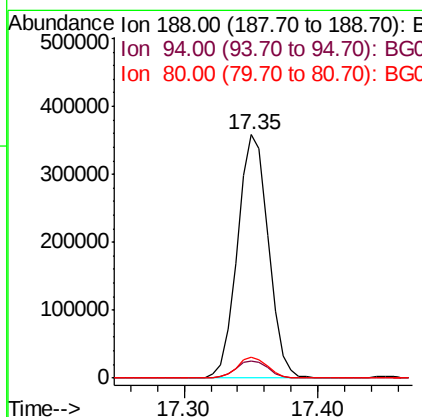
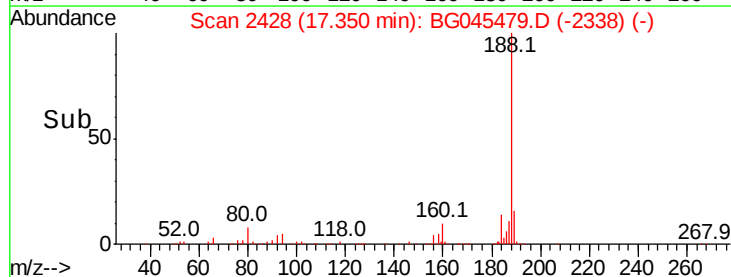
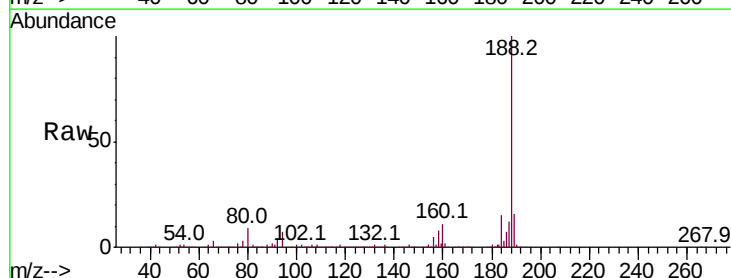
Instrument :
BNA_G
ClientSampleId :
370MSD

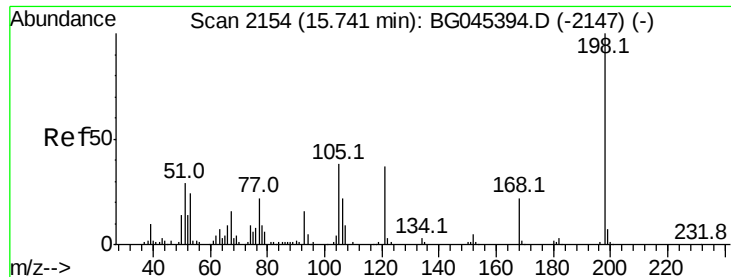
Tot Ion: 77 Resp: 690848
Ion Ratio Lower Upper
77 100
182 25.7 6.5 46.5
105 19.4 0.0 37.9
51 24.0 4.1 44.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion: 188 Resp: 572581
Ion Ratio Lower Upper
188 100
94 7.2 5.5 8.3
80 8.8 6.6 10.0





#65

4,6-Dinitro-2-methylphenol

Concen: 39.441 ng

RT: 15.73 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

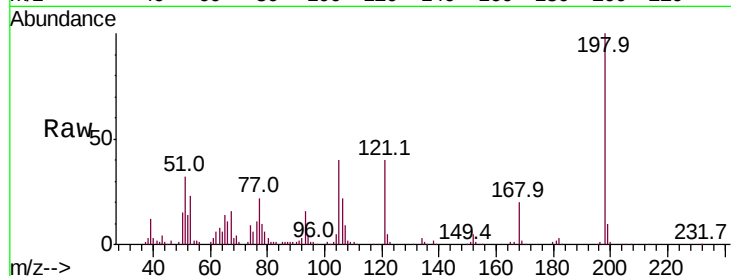
Tot Ion:198 Resp: 131523

Ion Ratio Lower Upper

198 100

51 31.8 10.0 50.0

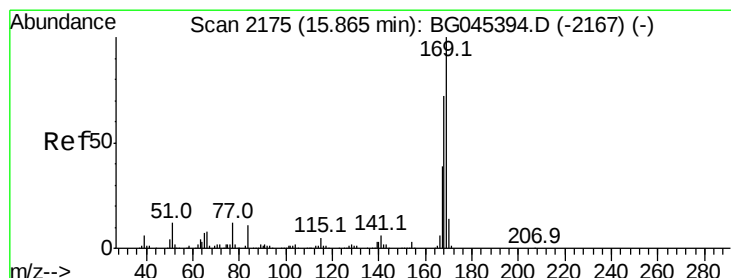
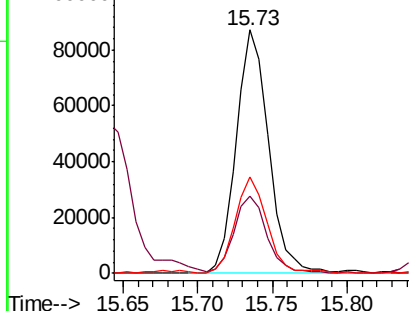
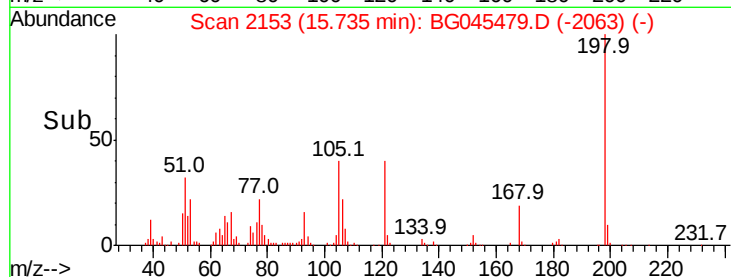
105 39.6 18.9 58.9



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: 44.716 ng

RT: 15.86 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

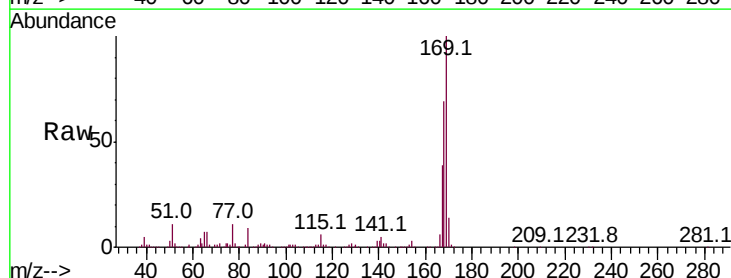
Tgt Ion:169 Resp: 614740

Ion Ratio Lower Upper

169 100

168 69.1 57.8 86.6

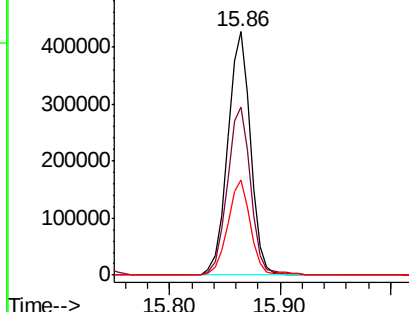
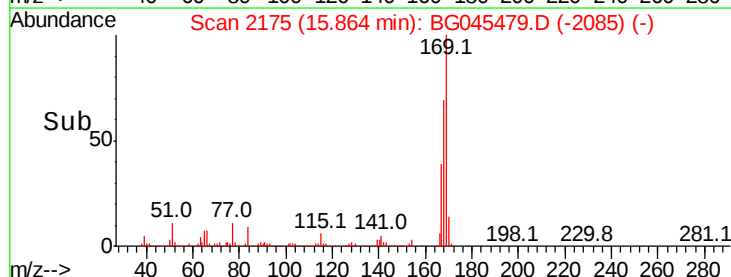
167 38.9 31.5 47.3

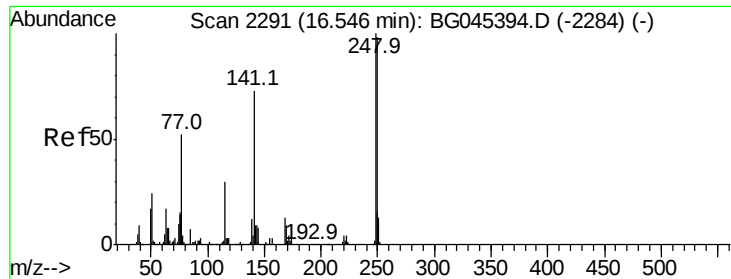


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

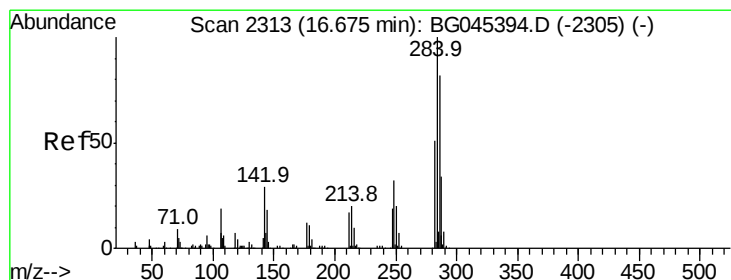
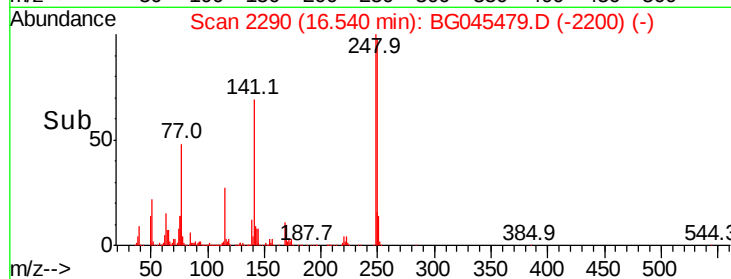
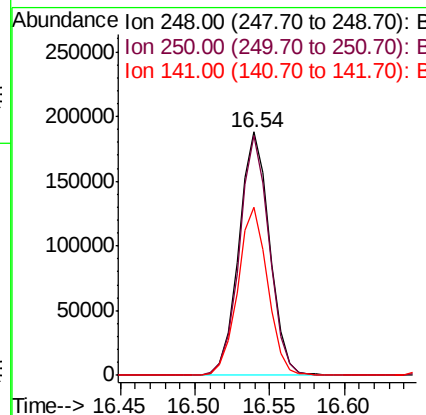
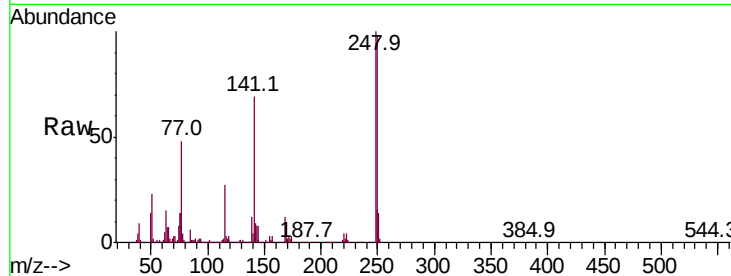




#67
4-Bromophenyl-phenylether
Concen: 43.332 ng
RT: 16.54 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

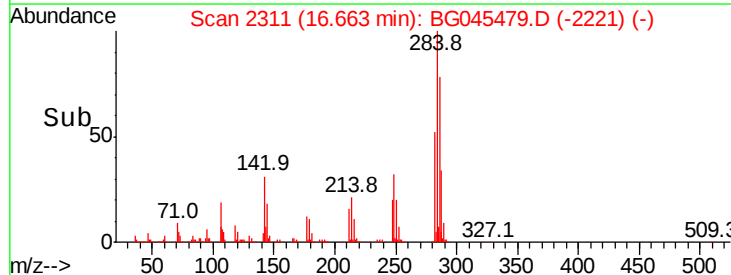
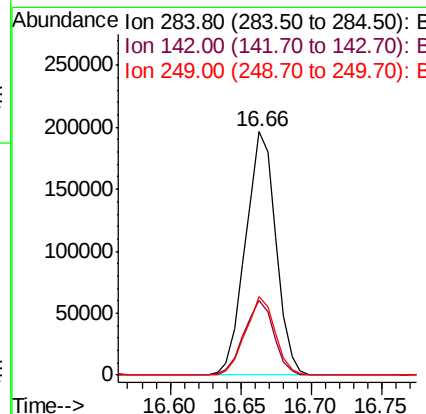
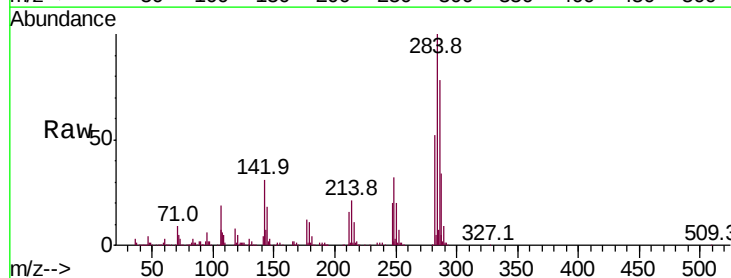
Instrument :
BNA_G
ClientSampleId :
370MSD

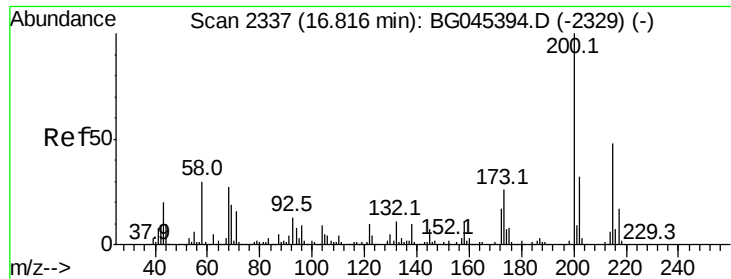
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.6	117.8
141	69.2	58.2	87.2



#68
Hexachlorobenzene
Concen: 45.667 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	23.0	34.6
249	32.0	25.8	38.6





#69

Atrazine

Concen: 41.553 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

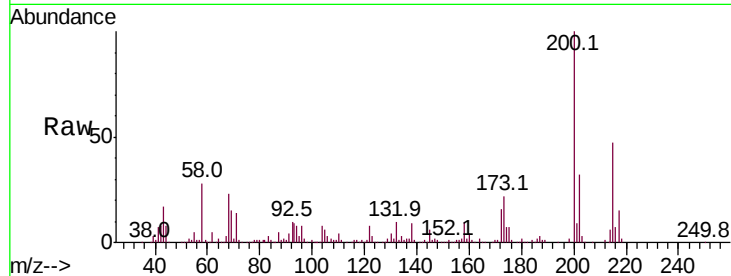
Tot Ion:200 Resp: 235296

Ion Ratio Lower Upper

200 100

173 22.4 5.5 45.5

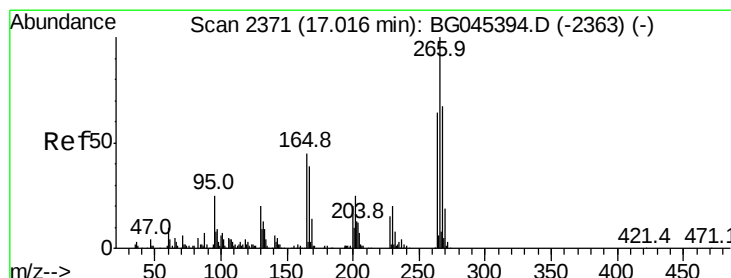
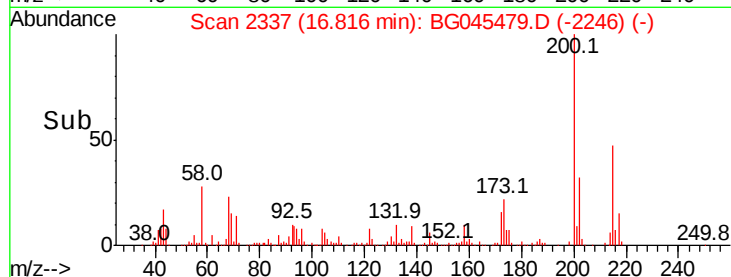
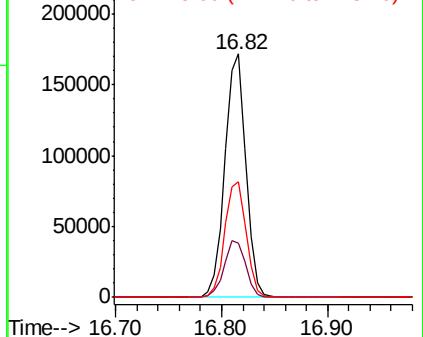
215 47.3 28.2 68.2



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: 97.291 ng

RT: 17.02 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

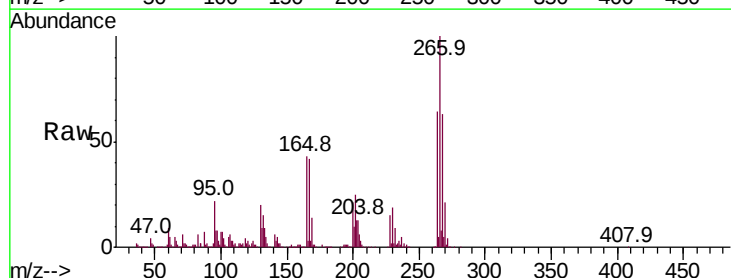
Tgt Ion:266 Resp: 327594

Ion Ratio Lower Upper

266 100

268 63.3 53.2 79.8

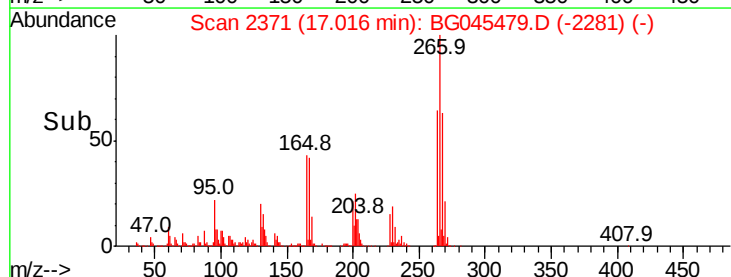
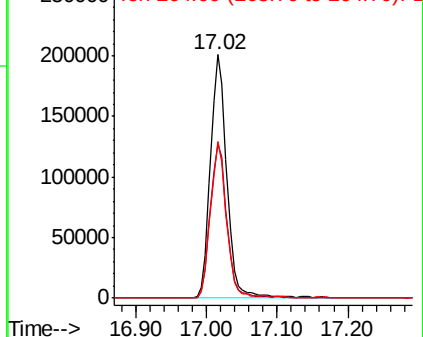
264 64.4 51.0 76.4

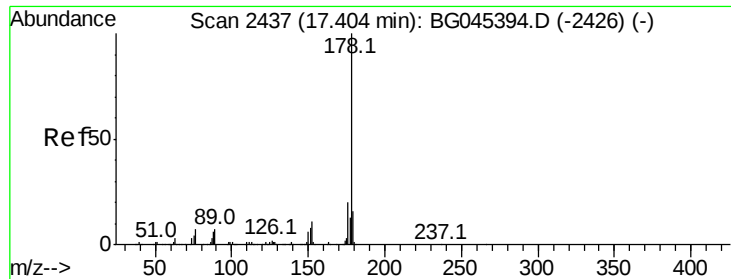


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

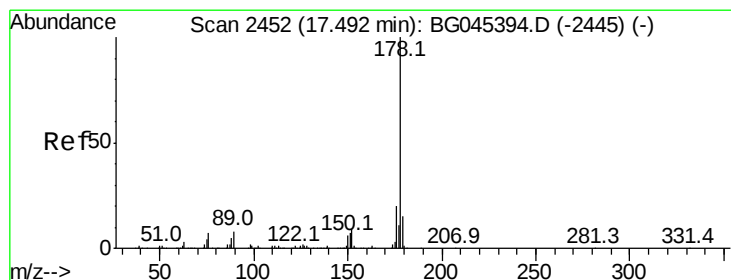
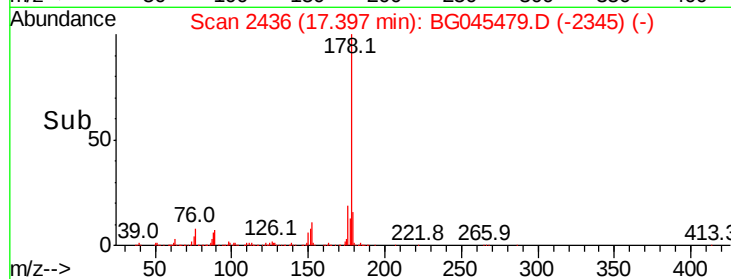
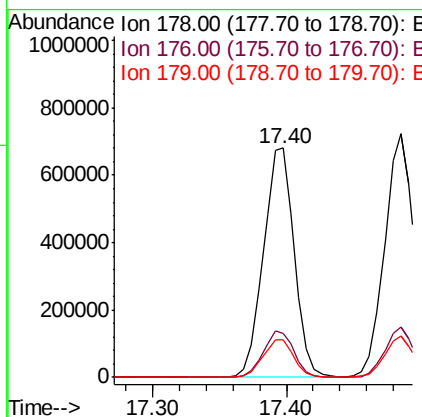
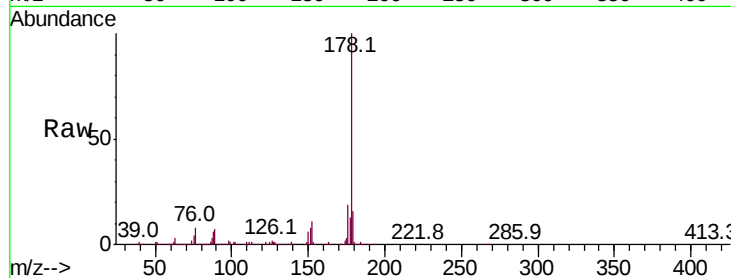




#71
Phenanthrene
Concen: 43.352 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

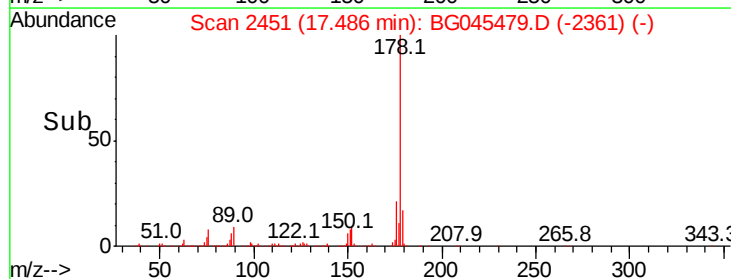
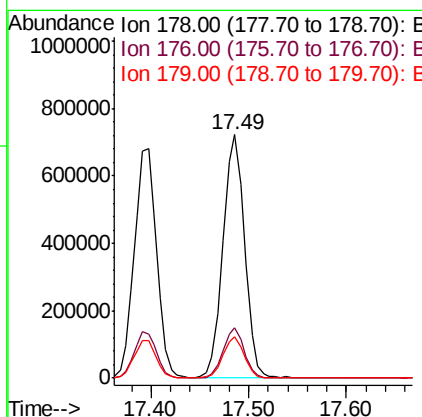
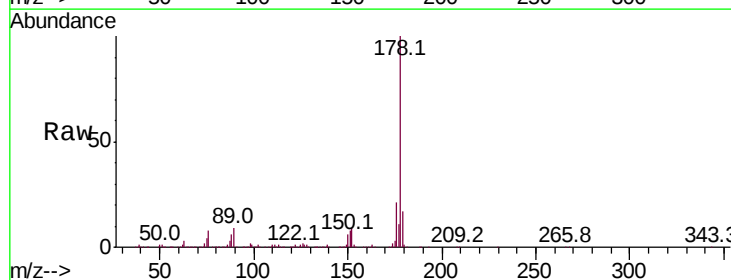
Instrument :
BNA_G
ClientSampleId :
370MSD

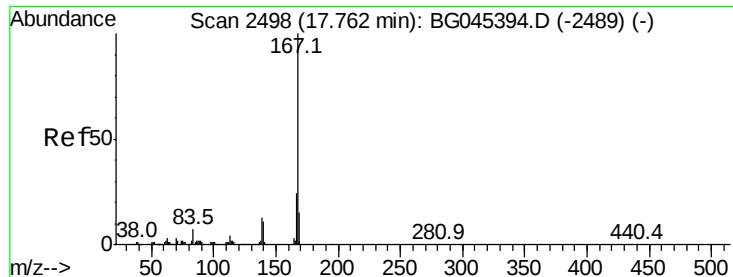
Tot Ion:178 Resp: 1083640
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.4
179 16.4 13.1 19.7



#72
Anthracene
Concen: 44.302 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion:178 Resp: 1112076
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 17.1 12.2 18.4





#73

Carbazole

Concen: 41.140 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

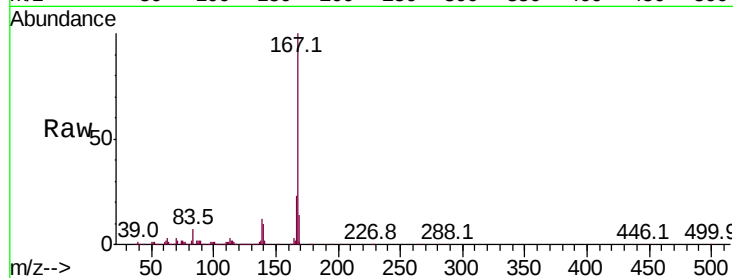
BNA_G

ClientSampleId :

370MSD

Tot Ion:167 Resp: 1006624

Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.2	28.8
139	12.5	10.6	16.0

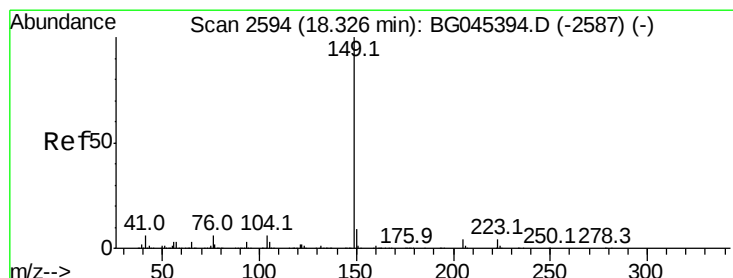
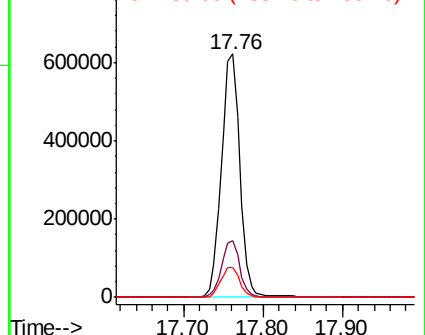
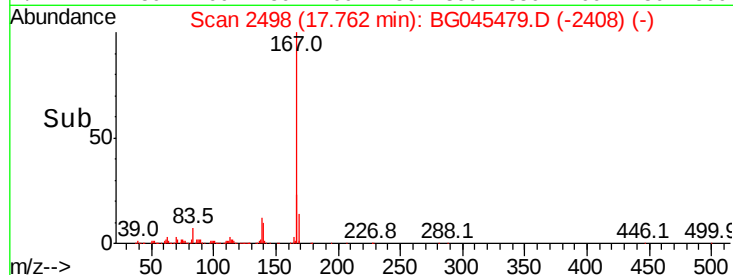


Abundance

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: 40.635 ng

RT: 18.31 min Scan# 2592

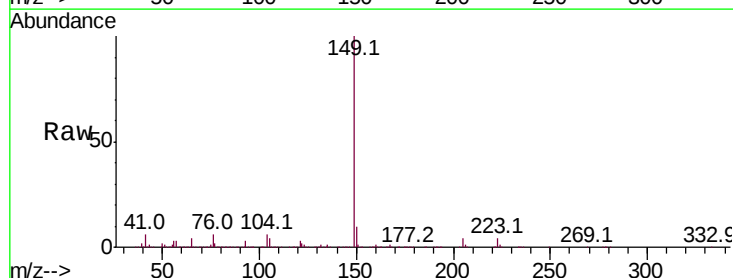
Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:149 Resp: 1193397

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	6.5	5.0	7.4

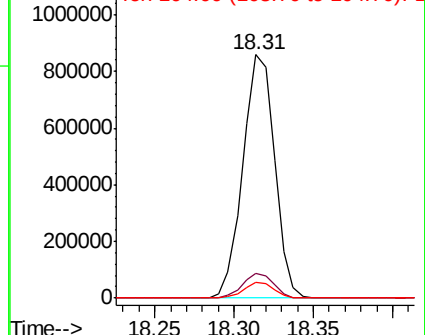
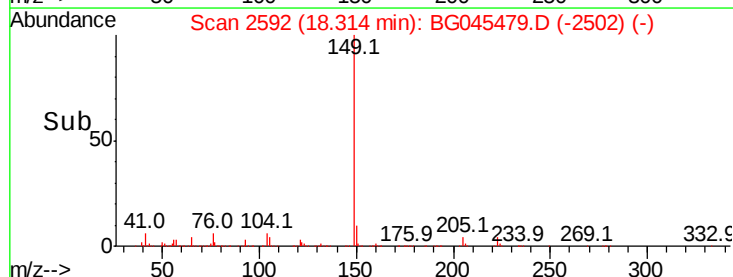


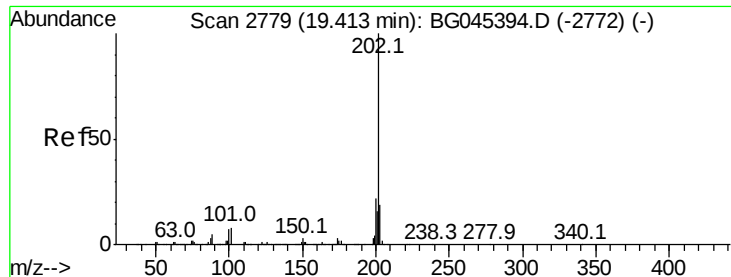
Abundance

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: 41.464 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampled :

370MSD

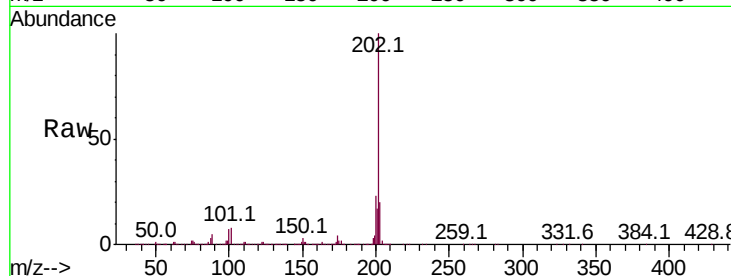
Tot Ion:202 Resp: 1318310

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.3

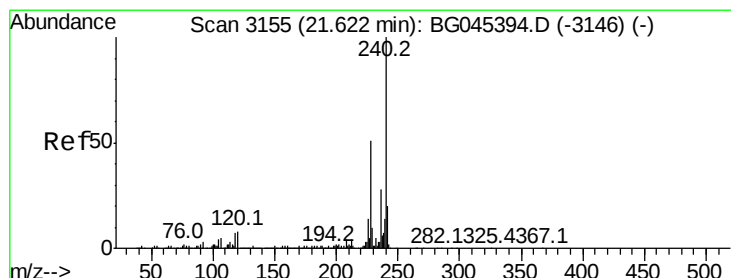
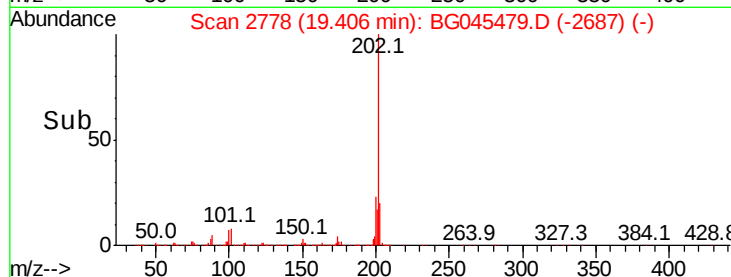
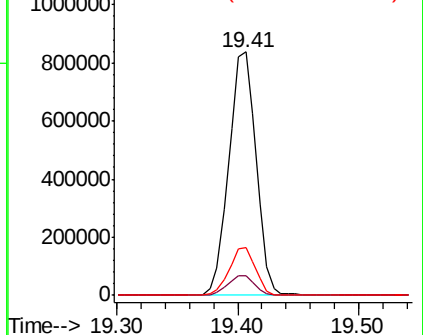
203 19.7 0.0 39.0



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. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

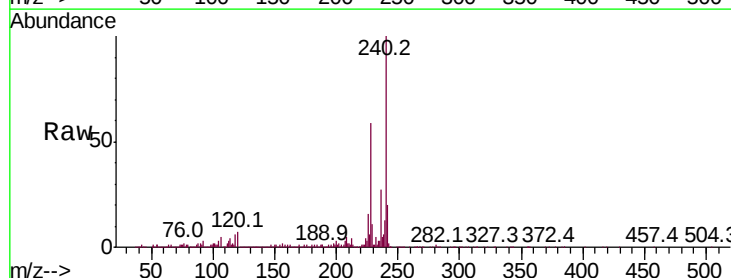
Tgt Ion:240 Resp: 506445

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

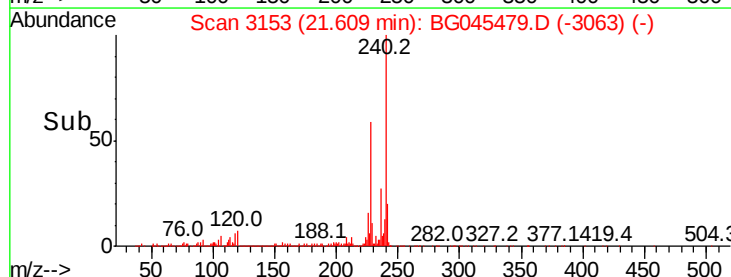
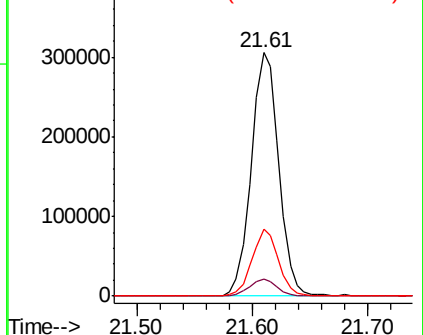
236 27.4 22.3 33.5

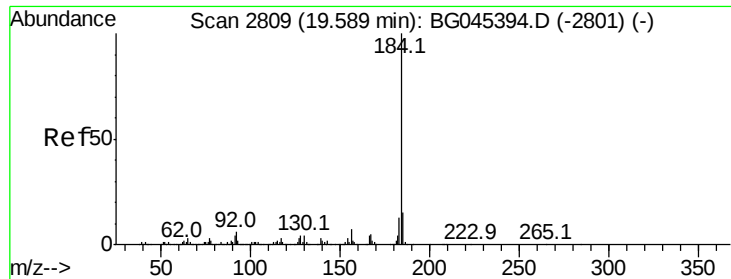


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

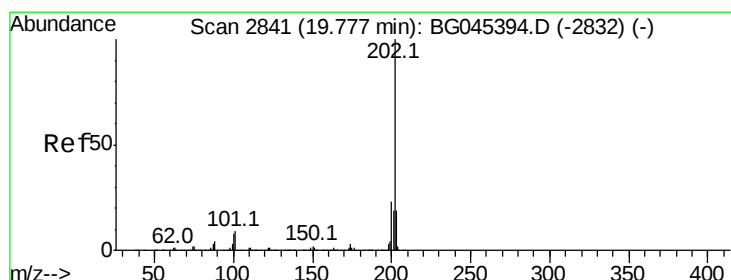
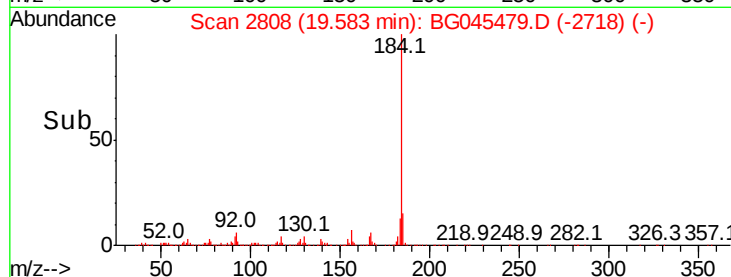
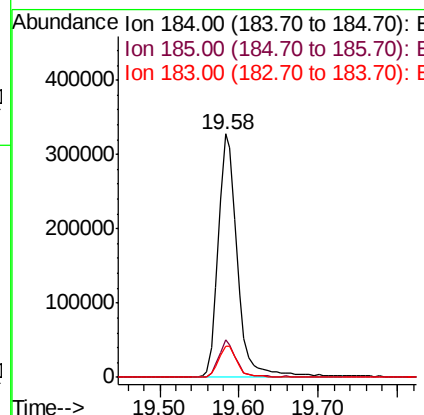
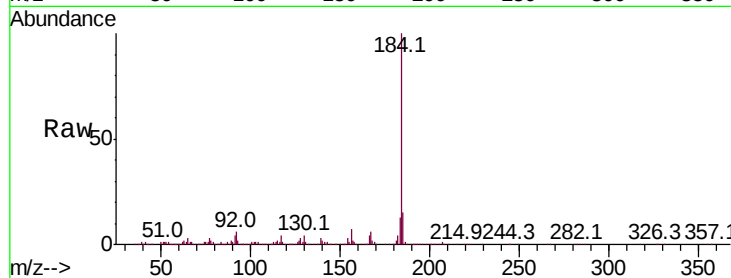




#77
Benzidine
Concen: 38.727 ng
RT: 19.58 min Scan# 2808
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

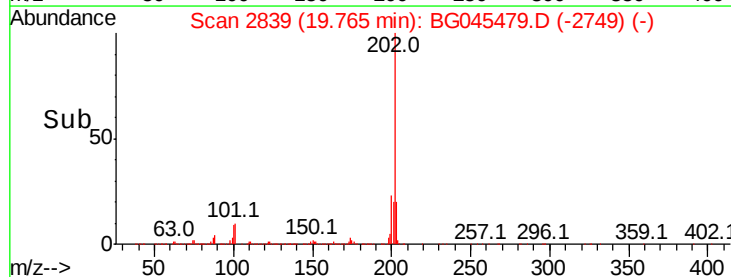
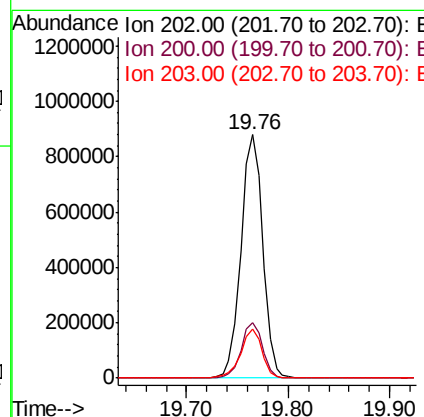
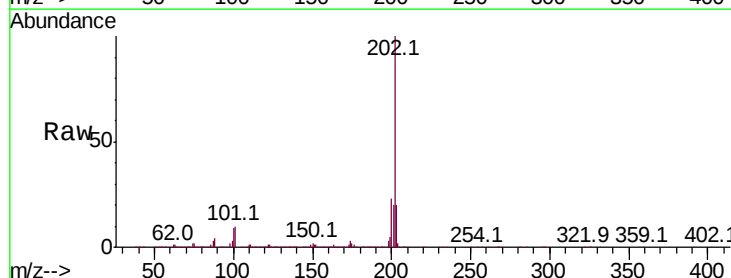
Instrument :
BNA_G
ClientSampleId :
370MSD

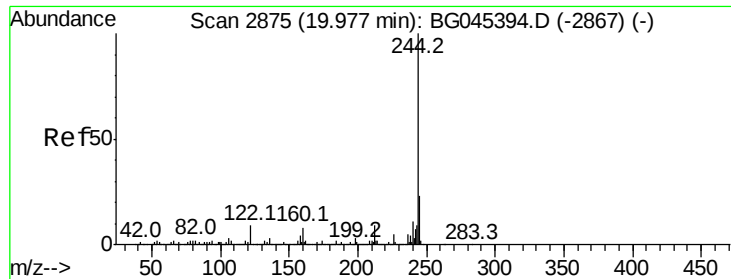
Tot Ion:184 Resp: 550840
Ion Ratio Lower Upper
184 100
185 15.2 11.7 17.5
183 12.8 10.2 15.4



#78
Pyrene
Concen: 45.465 ng
RT: 19.76 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion:202 Resp: 1312542
Ion Ratio Lower Upper
202 100
200 22.9 18.2 27.2
203 19.9 15.1 22.7





#79

Terphenyl-d14

Concen: 81.507 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

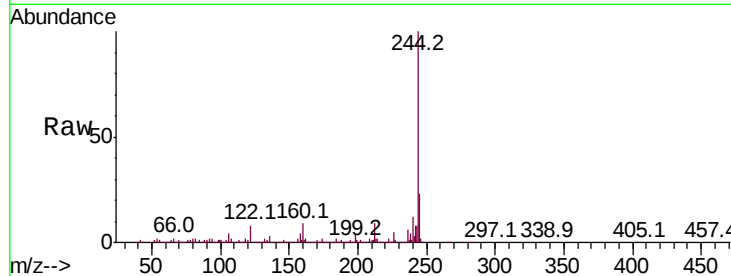
Tot Ion:244 Resp: 1769886

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

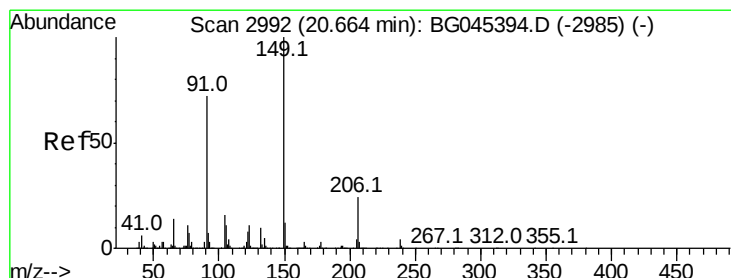
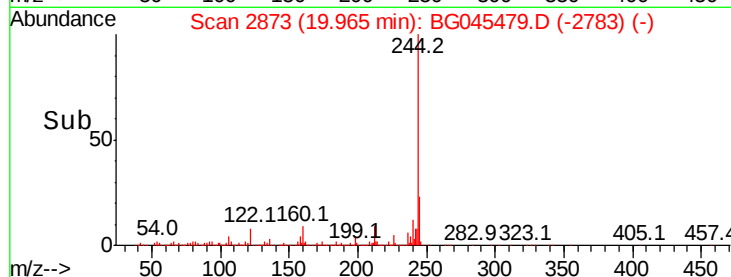
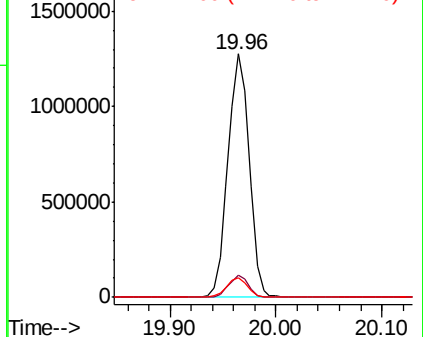
122 8.0 6.8 10.2



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: 41.373 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

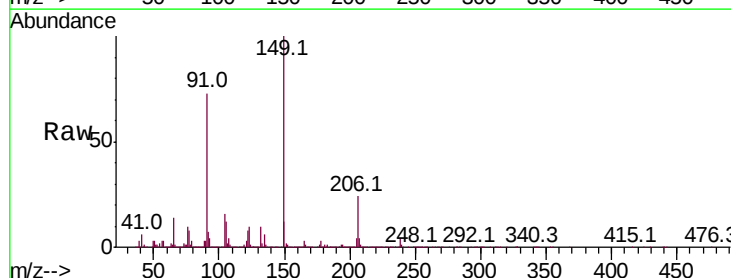
Tgt Ion:149 Resp: 515544

Ion Ratio Lower Upper

149 100

91 72.9 57.8 86.6

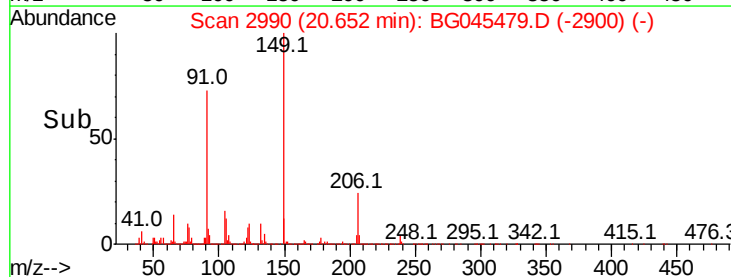
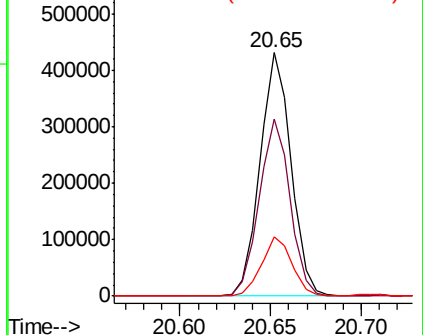
206 24.4 19.1 28.7

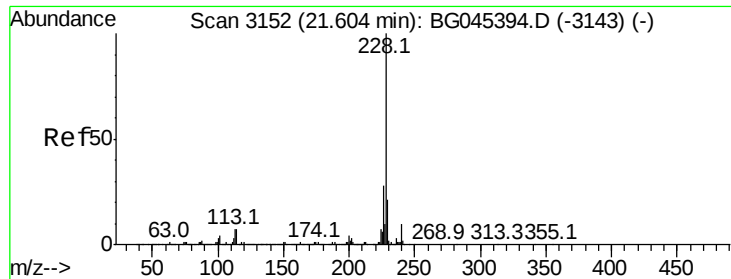


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.889 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

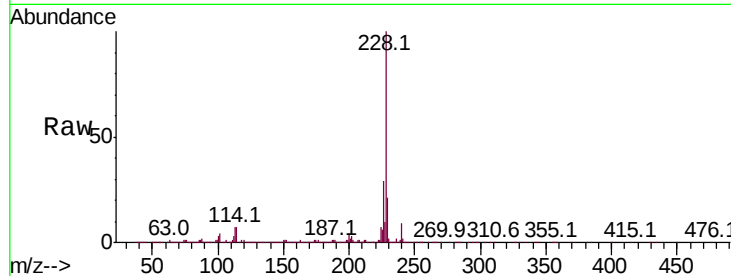
BNA_G

ClientSampleId :

370MSD

Tot Ion:228 Resp: 1238227

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.0	16.7	25.1

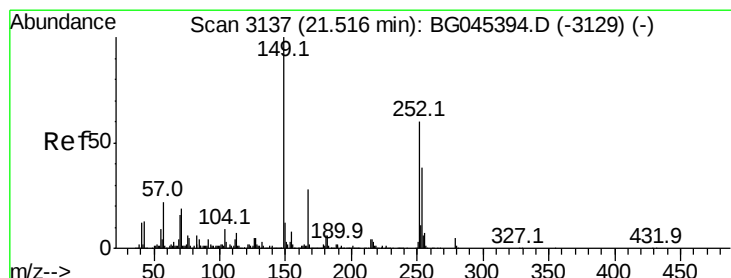
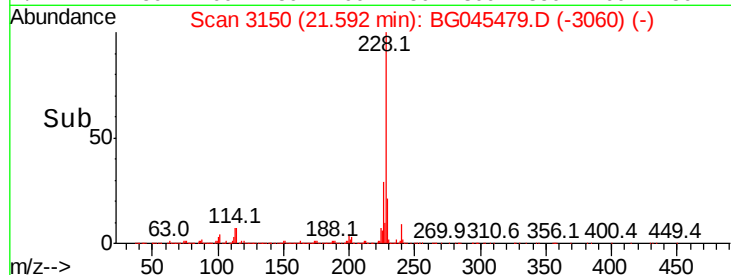
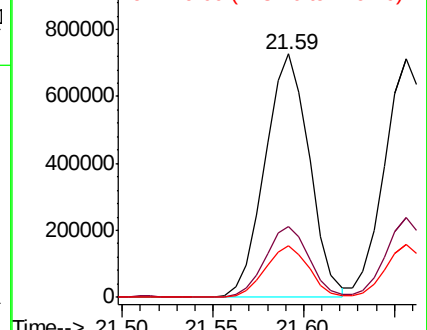


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.846 ng

RT: 21.51 min Scan# 3136

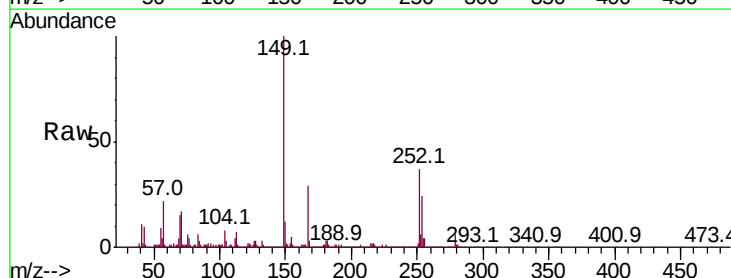
Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:252 Resp: 308163

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	8.2	6.6	10.0

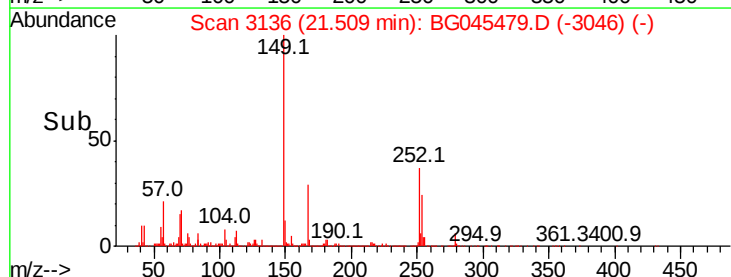
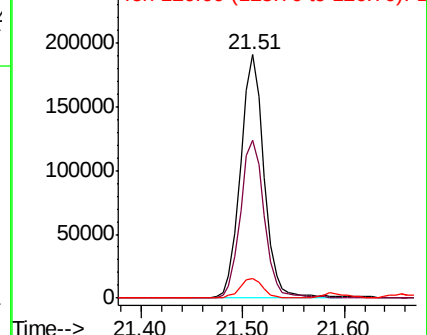


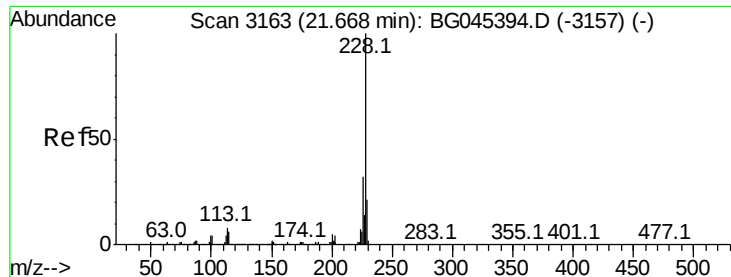
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.035 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

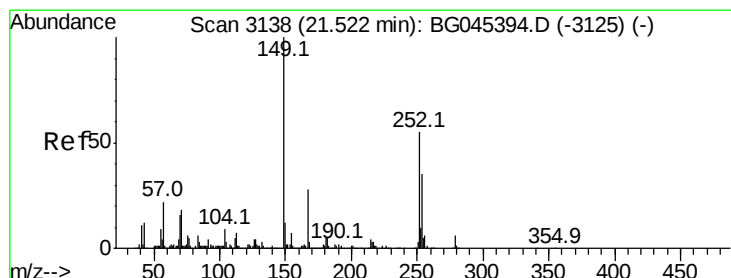
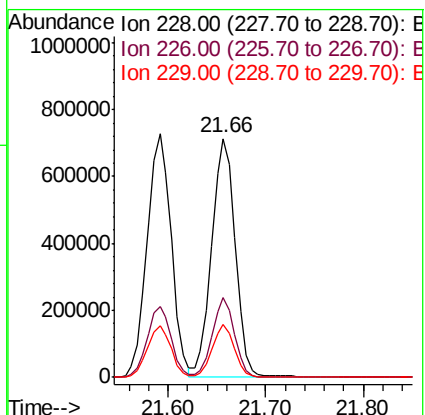
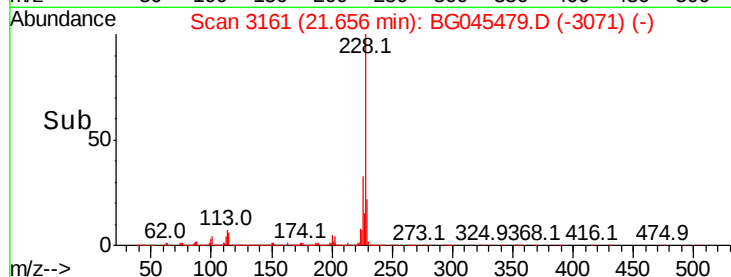
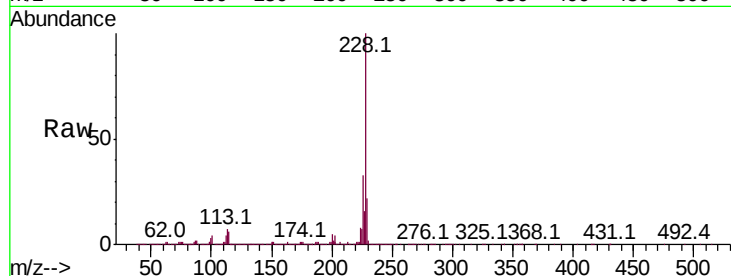
BNA_G

ClientSampleId :

370MSD

Tot Ion:228 Resp: 1194559

Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.2	37.8
229	21.9	16.7	25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.756 ng

RT: 21.51 min Scan# 3136

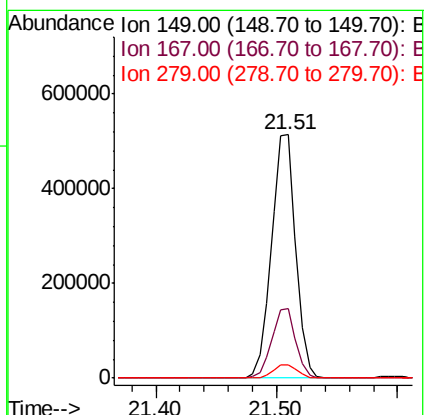
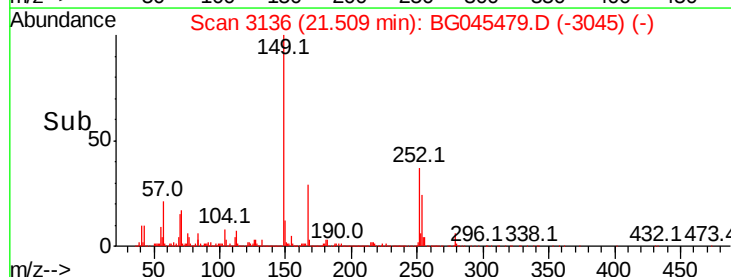
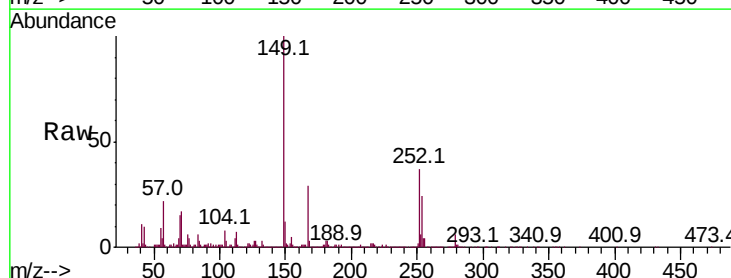
Delta R.T. 0.01 min

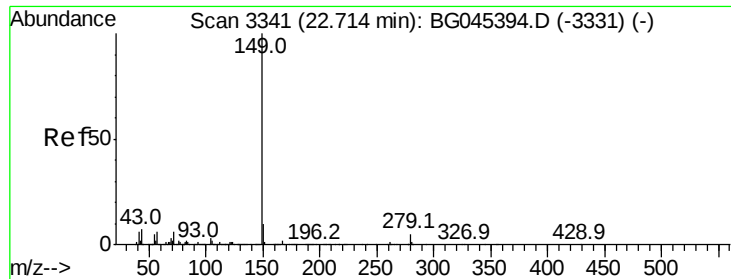
Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:149 Resp: 715252

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.2	33.2
279	5.6	4.7	7.1

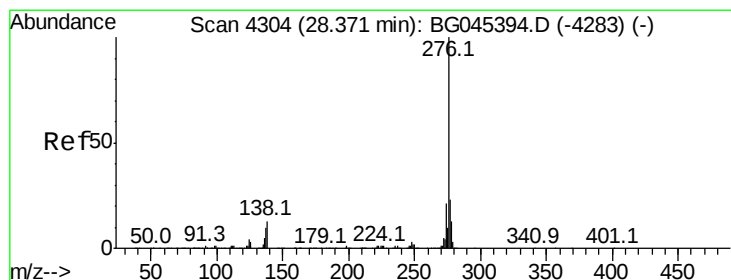
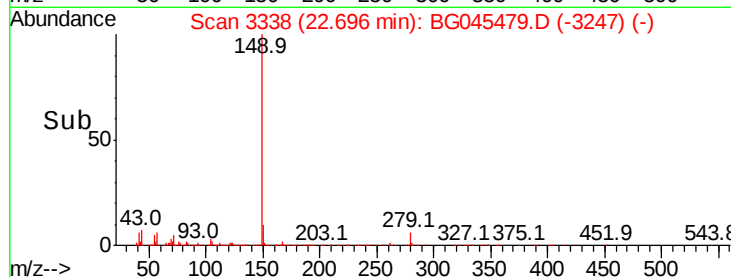
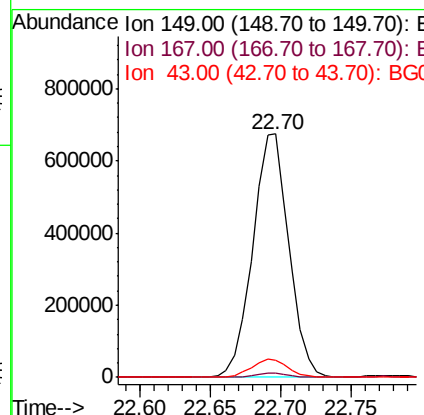
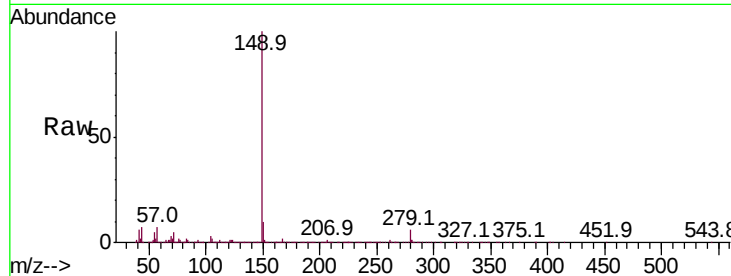




#85
Di-n-octyl phthalate
Concen: 41.070 ng
RT: 22.70 min Scan# 3338
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

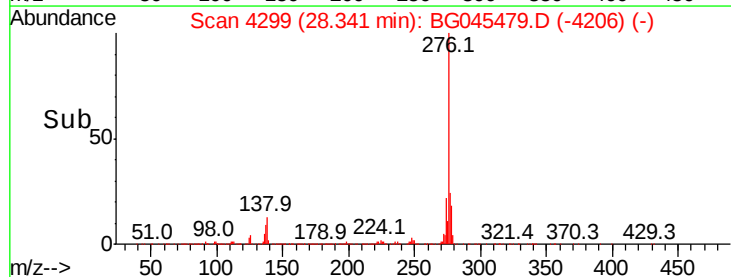
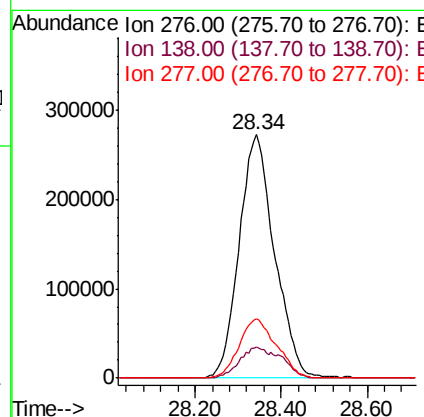
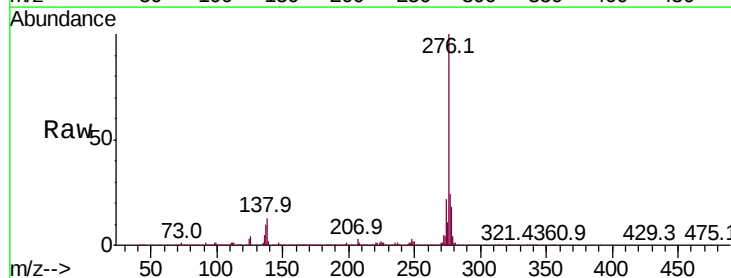
Instrument :
BNA_G
ClientSampleId :
370MSD

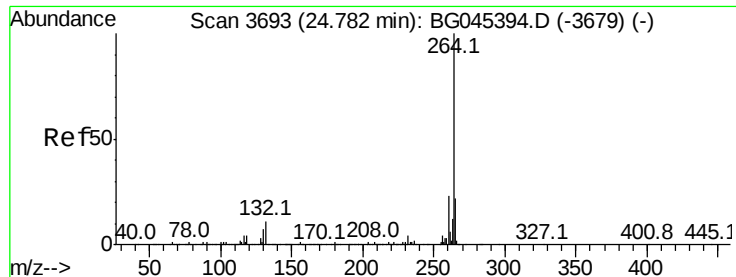
Tot Ion:149 Resp: 1208260
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.2 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.205 ng
RT: 28.34 min Scan# 4299
Delta R.T. 0.02 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion:276 Resp: 1568101
Ion Ratio Lower Upper
276 100
138 9.6 8.6 12.8
277 25.8 20.2 30.4



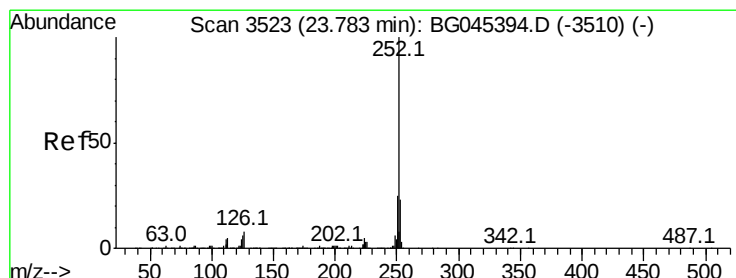
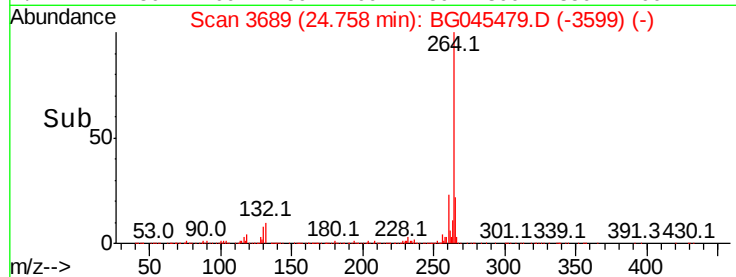
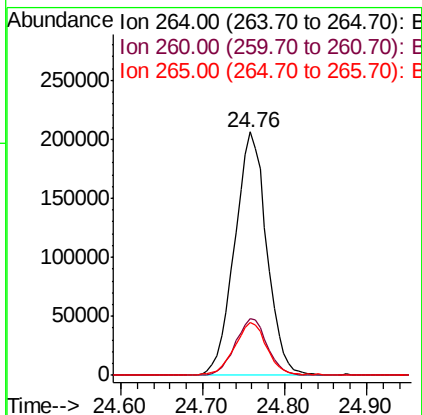
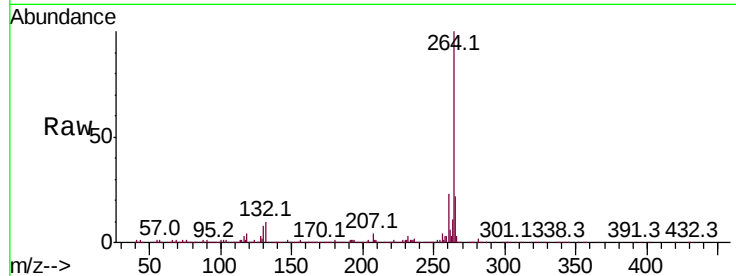


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampled :
370MSD

Tot Ion:264 Resp: 563426

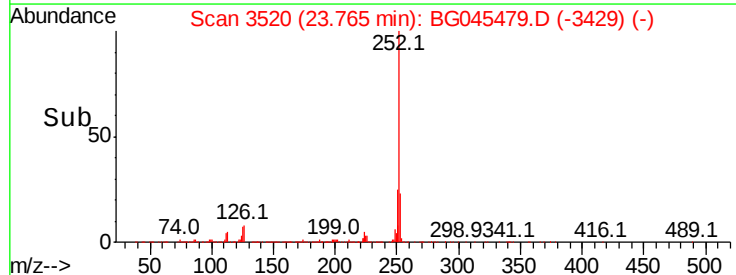
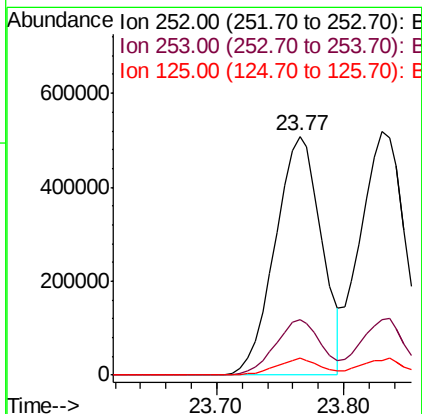
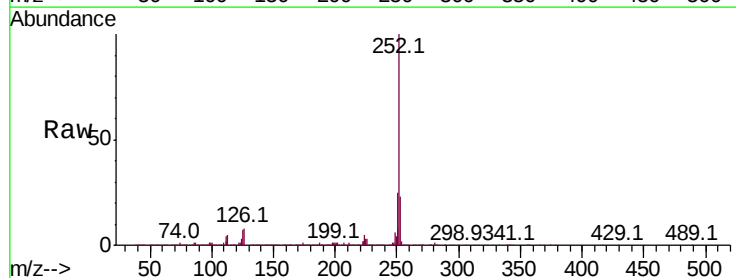
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.8	17.6	26.4

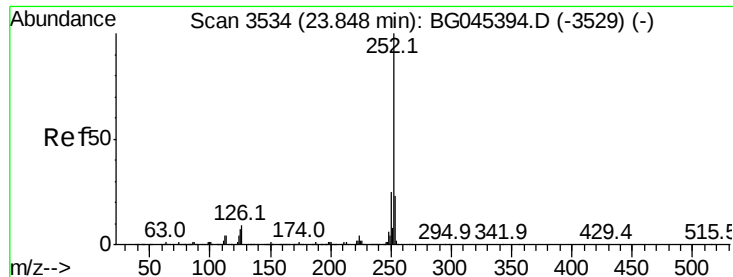


#88
Benzo(b)fluoranthene
Concen: 42.756 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion:252 Resp: 1291965

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	7.0	5.0	7.6

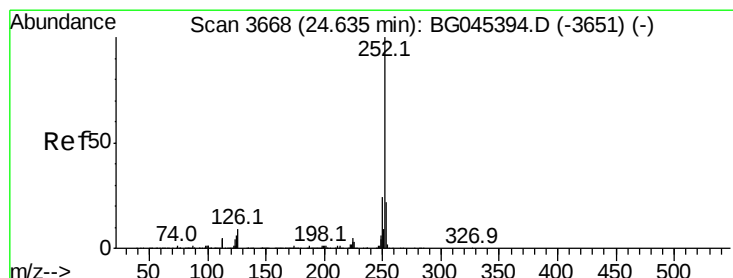
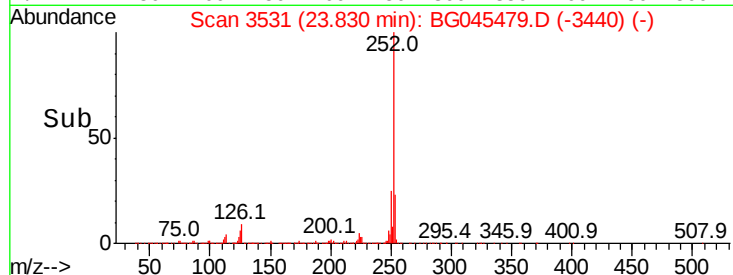
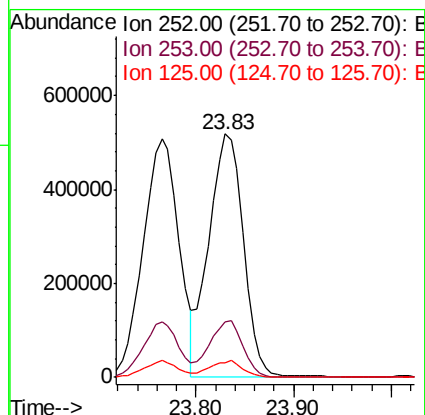
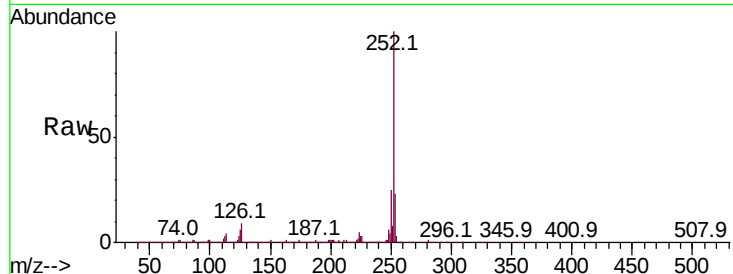




#89
Benzo(k)fluoranthene
Concen: 44.685 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

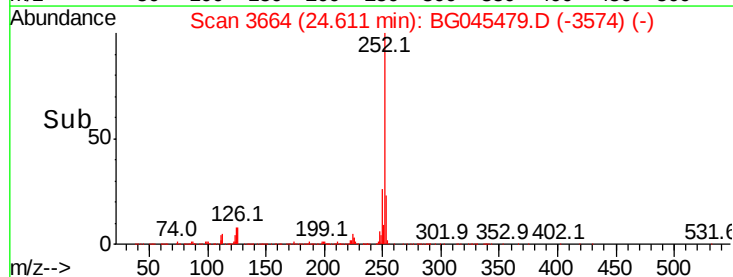
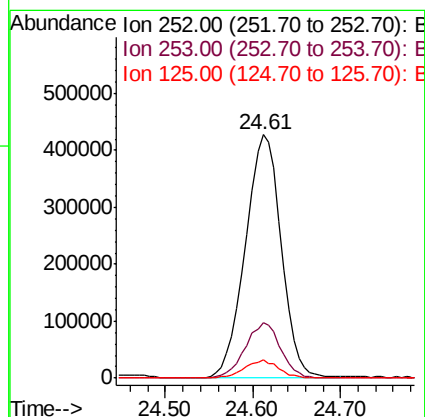
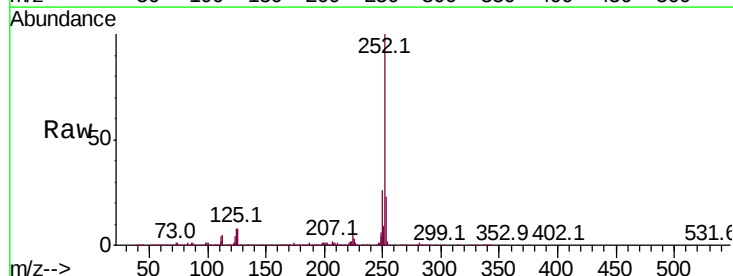
Instrument :
BNA_G
ClientSampleId :
370MSD

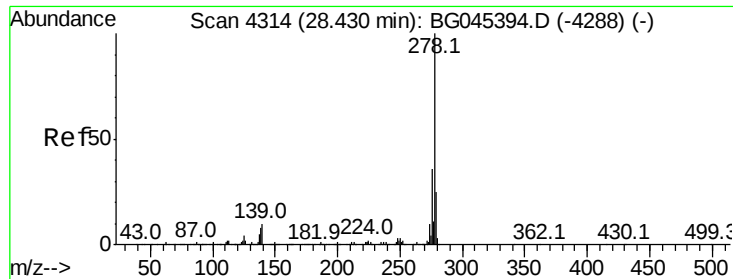
Tot Ion:252 Resp: 1268543
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 6.1 5.7 8.5



#90
Benzo(a)pyrene
Concen: 42.263 ng
RT: 24.61 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion:252 Resp: 1189364
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 7.7 5.0 7.6#





#91

Dibenzo(a,h)anthracene

Concen: 45.169 ng

RT: 28.40 min Scan# 4309

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

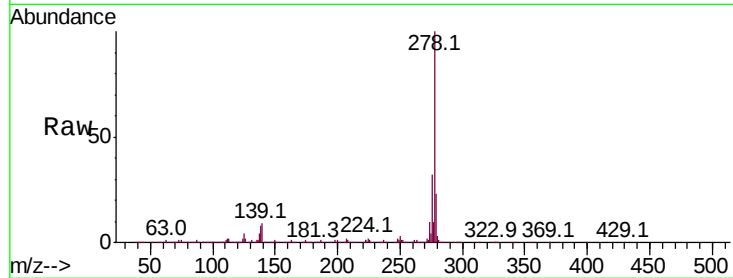
BNA_G

ClientSampleId :

370MSD

Tot Ion:278 Resp: 1277372

Ion	Ratio	Lower	Upper
278	100		
139	9.4	7.8	11.8
279	23.2	19.8	29.8

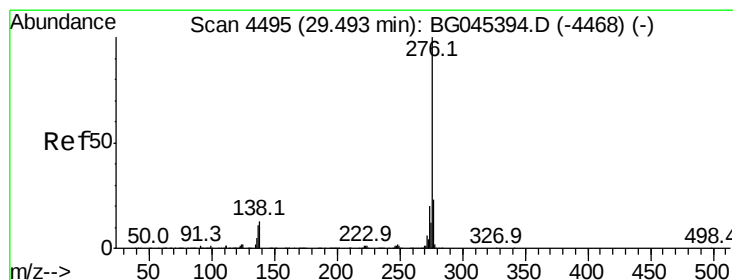
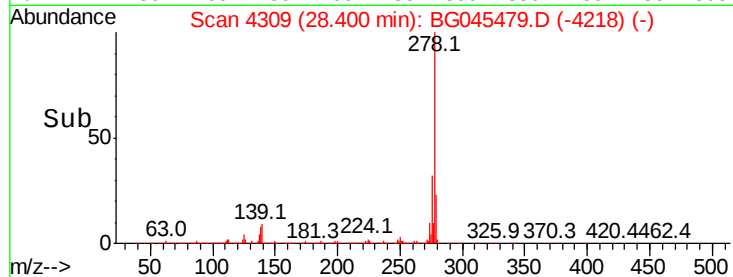
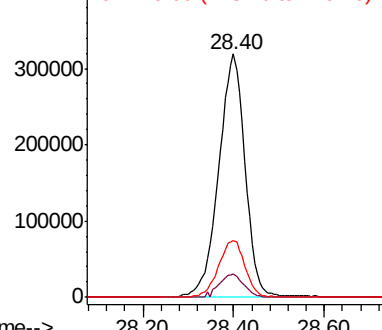


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.294 ng

RT: 29.46 min Scan# 4489

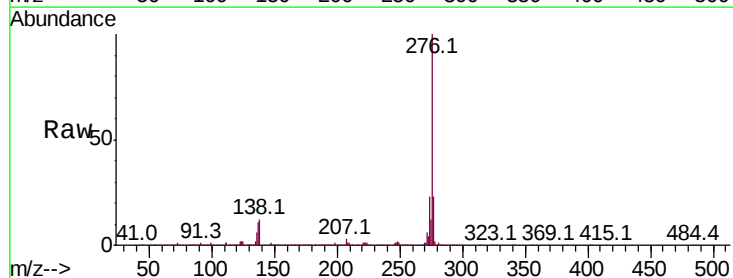
Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:276 Resp: 1309351

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.1	27.1
138	12.0	10.2	15.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

