

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045727.D
 Acq On : 11 Jun 2020 18:57
 Operator : CG/JU
 Sample : PB129468BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

Quant Time: Jun 12 02:25:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	47194	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	196757	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	147960	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	360033	20.00	ng	0.00
76) Chrysene-d12	21.60	240	325160	20.00	ng	0.00
87) Perylene-d12	24.74	264	357714	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	373268	154.57	ng	0.00
7) Phenol-d6	7.14	99	542258	157.77	ng	0.00
23) Nitrobenzene-d5	9.10	82	350006	97.00	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	274123	144.87	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	813872	93.30	ng	0.00
79) Terphenyl-d14	19.95	244	1467199	105.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	43529	36.350	ng	91
3) Pyridine	3.79	79	128190	38.436	ng	98
4) n-Nitrosodimethylamine	3.71	42	54026	49.503	ng	78
6) Aniline	7.27	93	194075	43.254	ng	95
8) 2-Chlorophenol	7.52	128	143221	54.082	ng	96
9) Benzaldehyde	7.08	77	100030	44.669	ng	94
10) Phenol	7.16	94	195050	55.062	ng	93
11) bis(2-Chloroethyl)ether	7.36	93	135466	49.027	ng	96
12) 1,3-Dichlorobenzene	7.83	146	149164	46.871	ng	99
13) 1,4-Dichlorobenzene	7.98	146	154305	49.132	ng	98
14) 1,2-Dichlorobenzene	8.30	146	142770	47.265	ng	98
15) Benzyl Alcohol	8.19	79	149342	52.597	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	126009	48.044	ng	96
17) 2-Methylphenol	8.41	107	132417	49.941	ng	98
18) Hexachloroethane	9.03	117	61073	50.774	ng	94
19) n-Nitroso-di-n-propylamine	8.75	70	126309	53.142	ng	96
20) 3+4-Methylphenols	8.73	107	179807	49.800	ng	98
22) Acetophenone	8.77	105	220713	47.329	ng	# 98
24) Nitrobenzene	9.15	77	186736	48.305	ng	95
25) Isophorone	9.67	82	348787	49.085	ng	97
26) 2-Nitrophenol	9.86	139	83102	50.252	ng	97
27) 2,4-Dimethylphenol	9.94	122	134484	54.831	ng	94
28) bis(2-Chloroethoxy)methane	10.16	93	185612	49.808	ng	95
29) 2,4-Dichlorophenol	10.41	162	150299	51.893	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	157388	45.987	ng	97
31) Naphthalene	10.80	128	442901	48.306	ng	99
32) Benzoic acid	10.10	122	70995	43.696	ng	92
33) 4-Chloroaniline	10.91	127	126472	32.999	ng	99
34) Hexachlorobutadiene	11.09	225	111645	46.149	ng	95
35) Caprolactam	11.69	113	56337	52.993	ng	# 86
36) 4-Chloro-3-methylphenol	12.06	107	178864	54.804	ng	98
37) 2-Methylnaphthalene	12.41	142	343557	50.273	ng	97
38) 1-Methylnaphthalene	12.63	142	323318	50.085	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	190991	46.214	ng	98

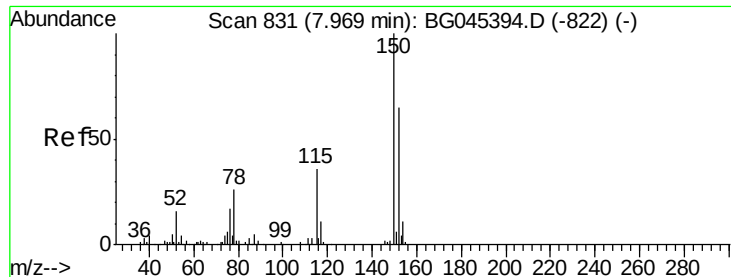
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045727.D
 Acq On : 11 Jun 2020 18:57
 Operator : CG/JU
 Sample : PB129468BS
 Misc :
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Instrument :
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	225316	94.458	ng	98
43) 2,4,6-Trichlorophenol	13.03	196	136721	47.624	ng	95
44) 2,4,5-Trichlorophenol	13.11	196	139405	42.493	ng	97
46) 1,1'-Biphenyl	13.42	154	443597	48.793	ng	97
47) 2-Chloronaphthalene	13.46	162	342696	46.419	ng	99
48) 2-Nitroaniline	13.67	65	121122	49.876	ng	97
49) Acenaphthylene	14.31	152	565293	47.670	ng	99
50) Dimethylphthalate	14.05	163	489982	48.274	ng	99
51) 2,6-Dinitrotoluene	14.16	165	110058	48.053	ng	100
52) Acenaphthene	14.65	154	340142	42.851	ng	98
53) 3-Nitroaniline	14.50	138	82082	35.255	ng	99
54) 2,4-Dinitrophenol	14.71	184	131401	87.064	ng	98
55) Dibenzofuran	14.99	168	561042	47.596	ng	98
56) 4-Nitrophenol	14.84	139	151981	86.221	ng	88
57) 2,4-Dinitrotoluene	14.96	165	160900	48.507	ng	98
58) Fluorene	15.64	166	476339	49.187	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	142709	49.445	ng	98
60) Diethylphthalate	15.41	149	512969	48.556	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	257618	46.488	ng	99
62) 4-Nitroaniline	15.67	138	114120	46.952	ng	99
63) Azobenzene	15.93	77	490848	49.829	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	105410	50.271	ng	92
66) n-Nitrosodiphenylamine	15.85	169	426777	49.370	ng	96
67) 4-Bromophenyl-phenylether	16.52	248	183868	47.163	ng	99
68) Hexachlorobenzene	16.65	284	198137	48.592	ng	98
69) Atrazine	16.80	200	167850	47.142	ng	98
70) Pentachlorophenol	17.00	266	194417	91.826	ng	97
71) Phenanthrene	17.38	178	784592	49.919	ng	99
72) Anthracene	17.47	178	803945	50.934	ng	97
73) Carbazole	17.75	167	743560	48.328	ng	100
74) Di-n-butylphthalate	18.30	149	892892	48.352	ng	100
75) Fluoranthene	19.39	202	982821	49.162	ng	99
77) Benzidine	19.57	184	522454	57.210	ng	100
78) Pyrene	19.76	202	957103	51.636	ng	99
80) Butylbenzylphthalate	20.64	149	380083	47.507	ng	99
81) Benzo(a)anthracene	21.58	228	896564	49.497	ng	99
82) 3,3'-Dichlorobenzidine	21.49	252	281114	39.564	ng	100
83) Chrysene	21.64	228	859995	49.377	ng	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	535163	48.661	ng	98
85) Di-n-octyl phthalate	22.67	149	920974	48.758	ng	99
86) Indeno(1,2,3-cd)pyrene	28.31	276	1128853	49.564	ng	# 96
88) Benzo(b)fluoranthene	23.74	252	972026	50.667	ng	99
89) Benzo(k)fluoranthene	23.81	252	933925	51.817	ng	99
90) Benzo(a)pyrene	24.59	252	897641	50.240	ng	97
91) Dibenzo(a,h)anthracene	28.36	278	926448	51.599	ng	98
92) Benzo(g,h,i)perylene	29.42	276	919955	51.231	ng	98

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

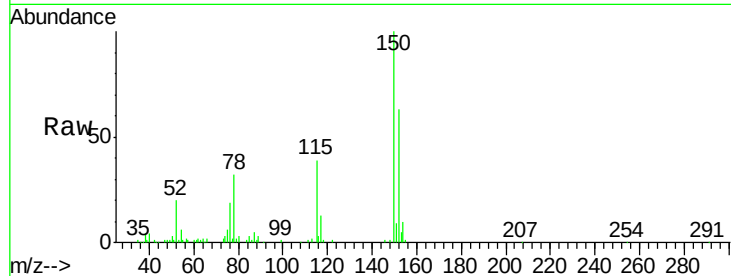


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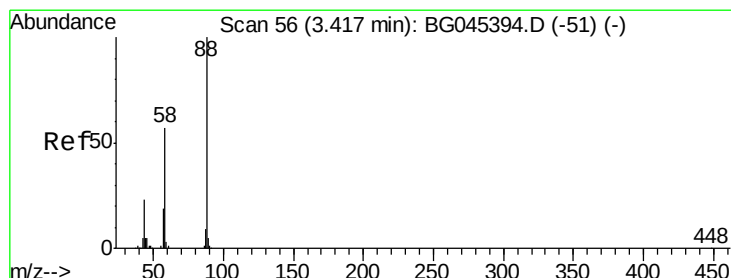
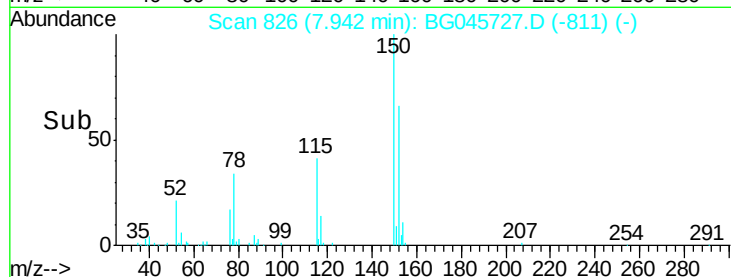
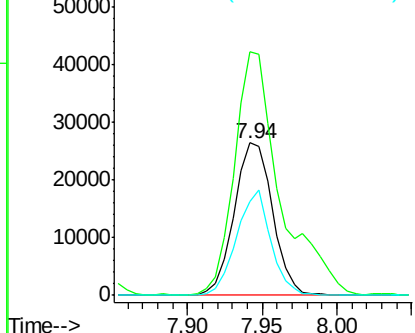
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Instrument :
BNA_G
ClientSampled :
PB129468BS

Tot Ion:152 Resp: 47194
Ion Ratio Lower Upper
152 100
150 159.7 122.4 183.6
115 61.8 44.2 66.4



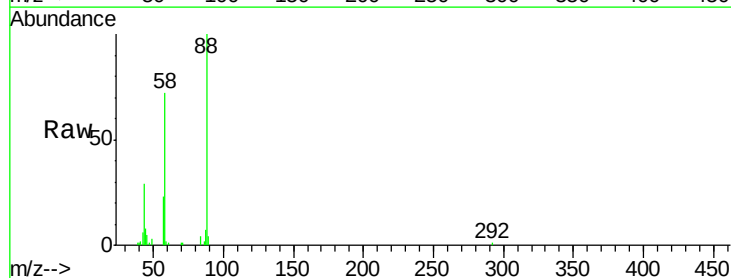
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



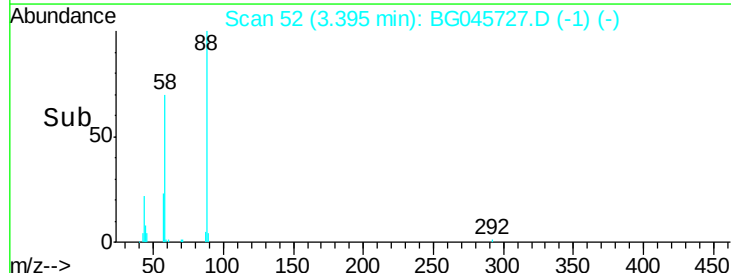
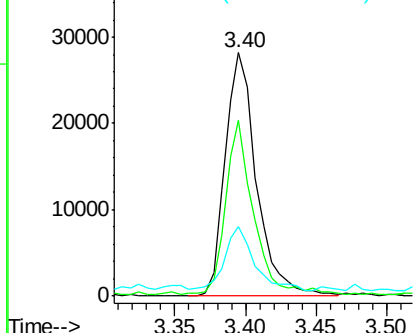
#2

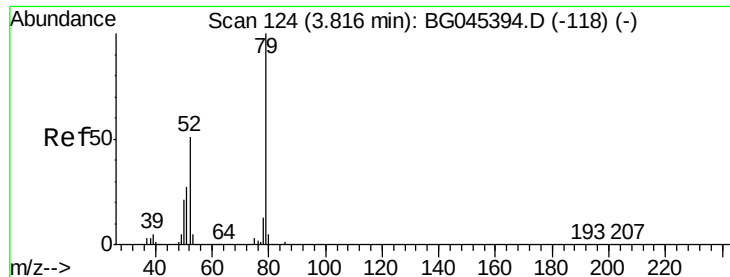
1,4-Dioxane
Concen: 36.350 ng
RT: 3.40 min Scan# 52
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion: 88 Resp: 43529
Ion Ratio Lower Upper
88 100
58 64.4 45.7 68.5
43 24.3 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

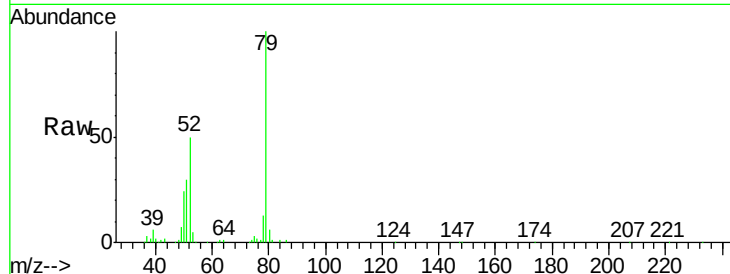




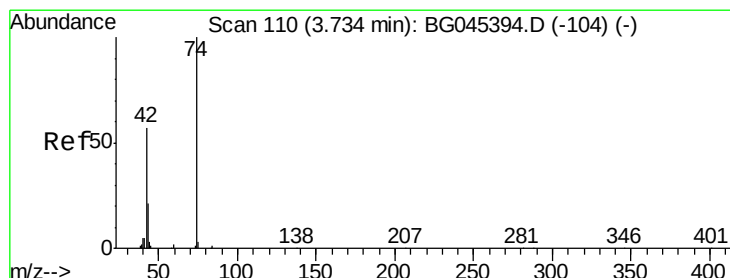
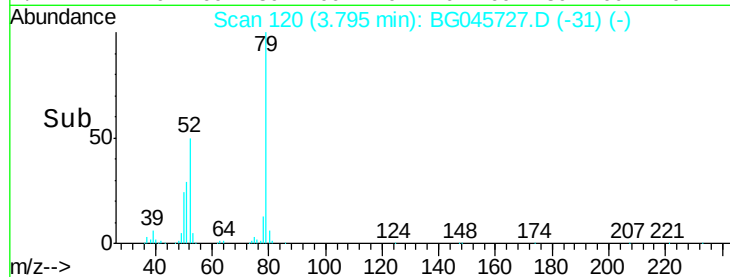
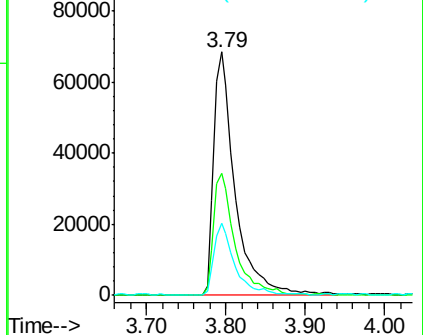
#3
 Pvridine
 Concen: 38.436 ng
 RT: 3.79 min Scan# 120
 Delta R.T. -0.01 min
 Lab File: BG045727.D
 Acq: 11 Jun 2020 18:57

Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	50.2	40.8	61.2
51	29.7	21.9	32.9

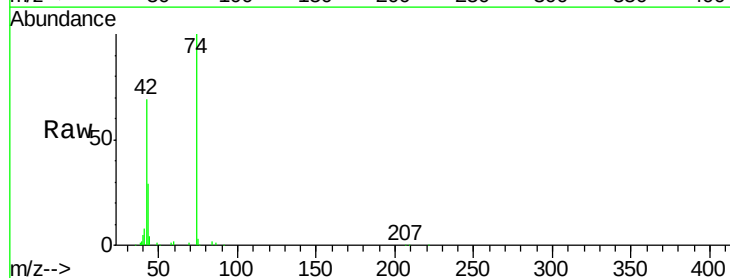


Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 52.00 (51.70 to 52.70): BGC
 Ion 51.00 (50.70 to 51.70): BGC

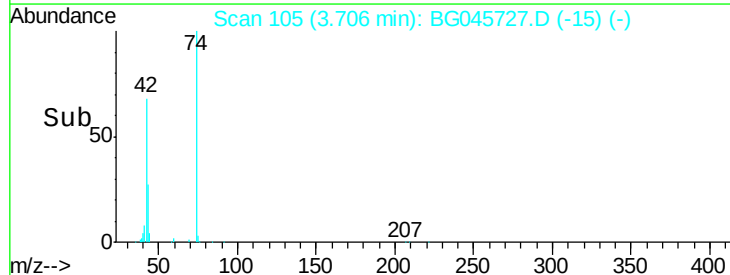
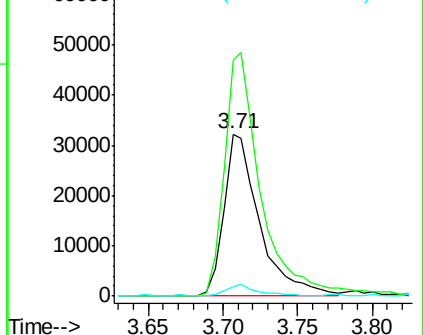


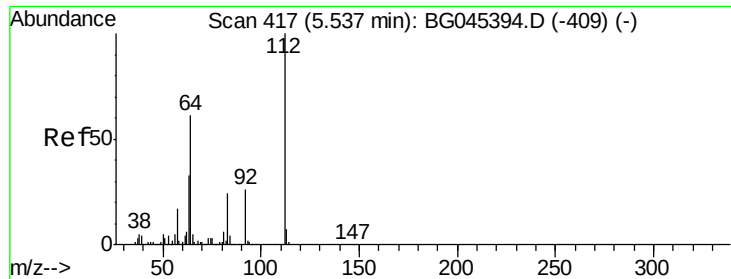
#4
 n-Nitrosodimethylamine
 Concen: 49.503 ng
 RT: 3.71 min Scan# 105
 Delta R.T. -0.00 min
 Lab File: BG045727.D
 Acq: 11 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.5	141.3	211.9
44	5.5	4.2	6.4



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





#5

2-Fluorophenol

Concen: 154.570 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

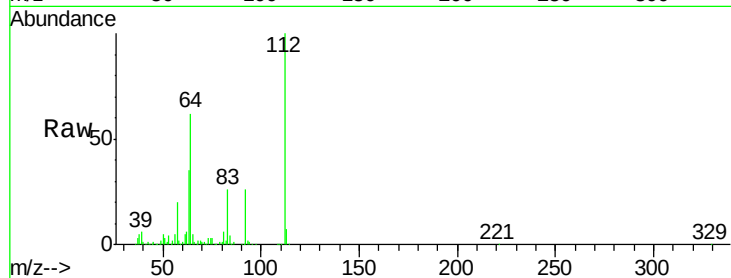
Tot Ion:112 Resp: 373268

Ion Ratio Lower Upper

112 100

64 61.7 48.6 72.8

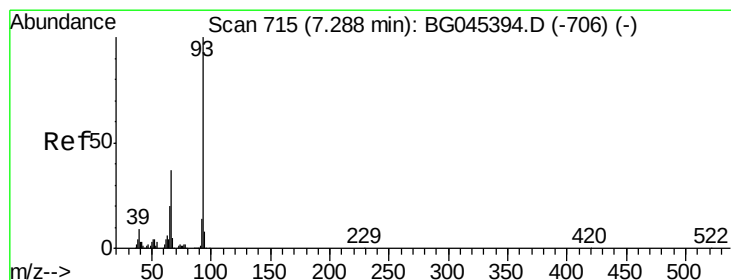
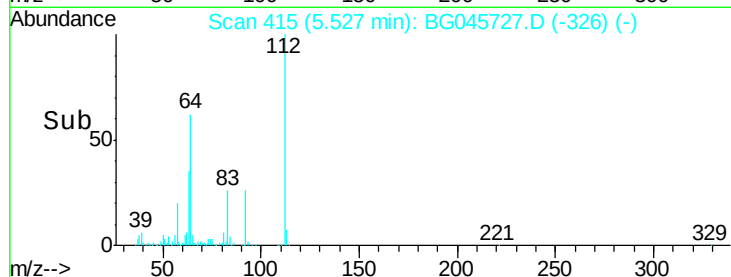
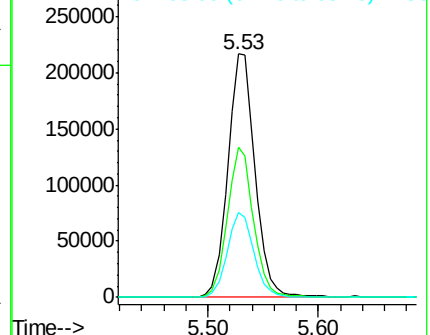
63 34.9 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.254 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

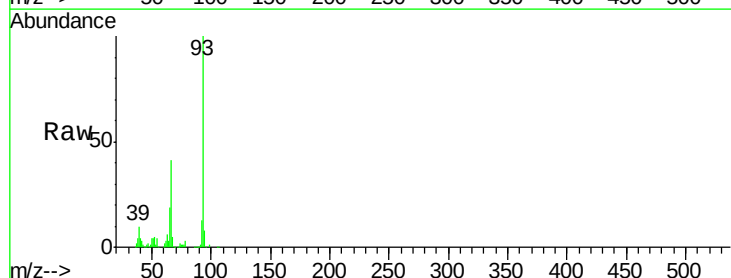
Tgt Ion: 93 Resp: 194075

Ion Ratio Lower Upper

93 100

66 40.5 29.6 44.4

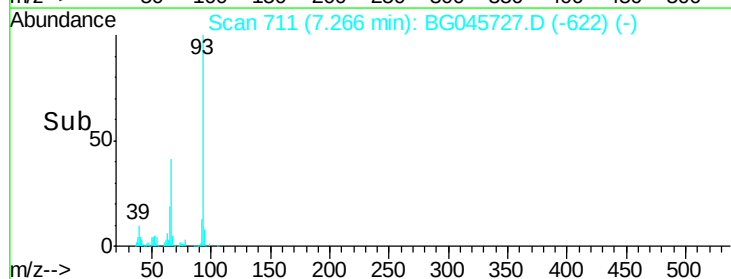
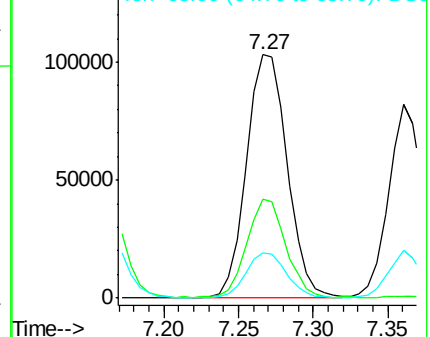
65 18.8 15.9 23.9

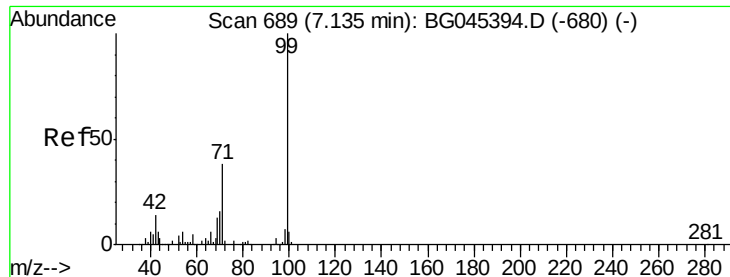


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 157.766 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

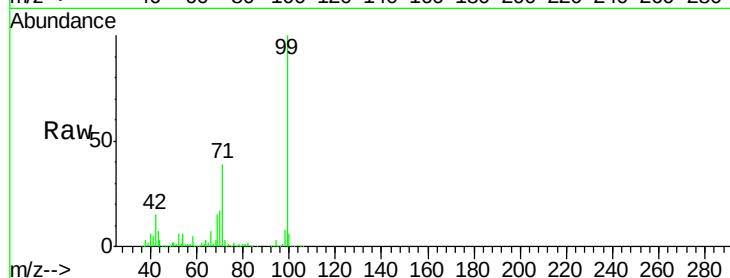
BNA_G

ClientSampleId :

PB129468BS

Tot Ion: 99 Resp: 542258

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.3	16.9
71	39.1	30.8	46.2

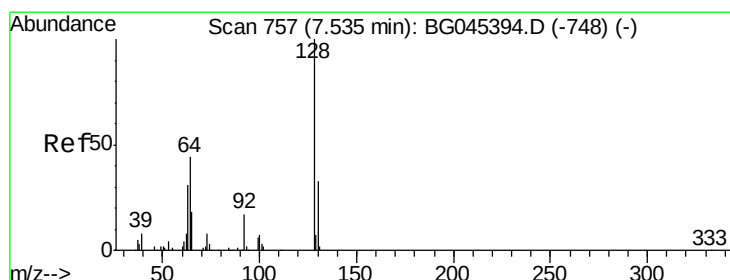
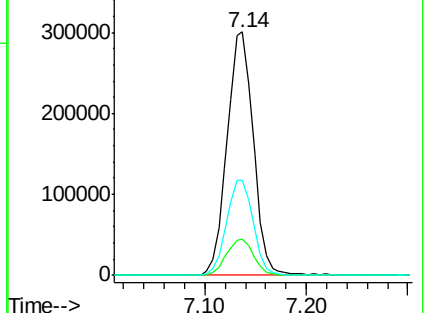
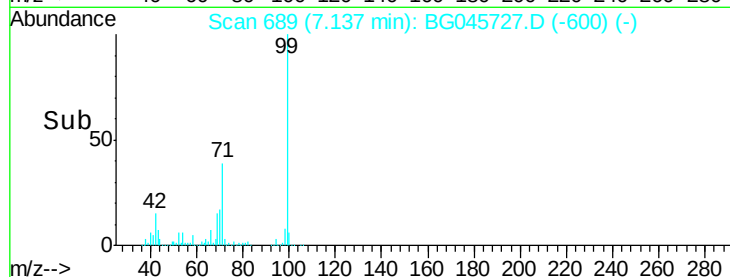


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 54.082 ng

RT: 7.52 min Scan# 754

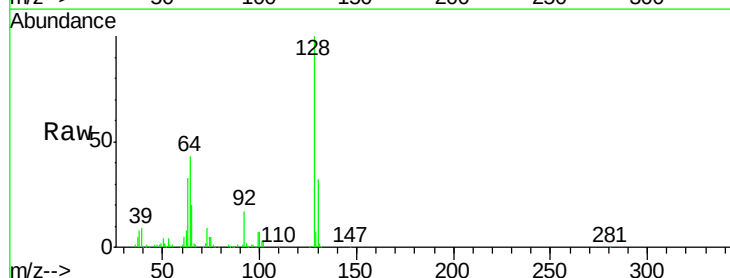
Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Tgt Ion: 128 Resp: 143221

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.6	52.6
64	43.4	27.0	67.0

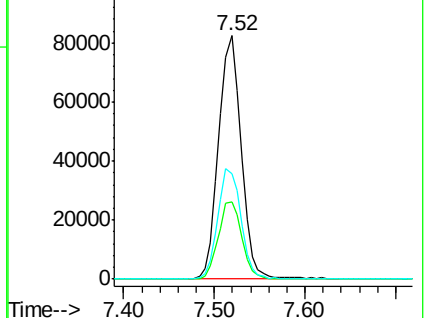
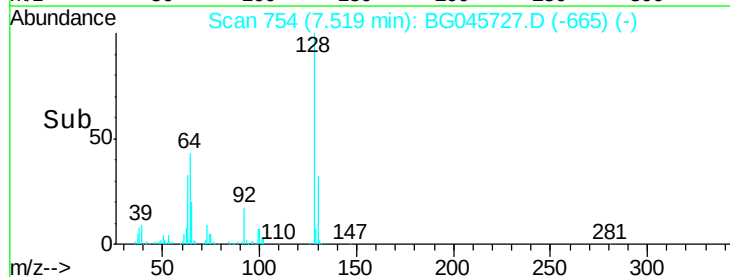


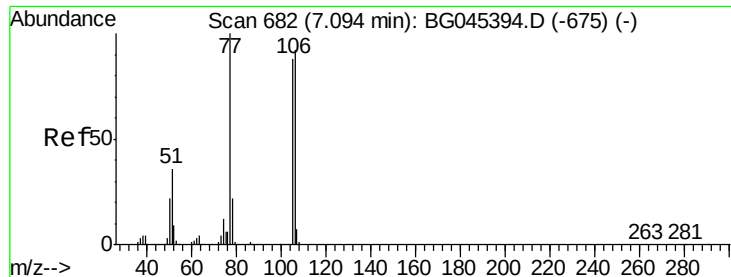
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 44.669 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

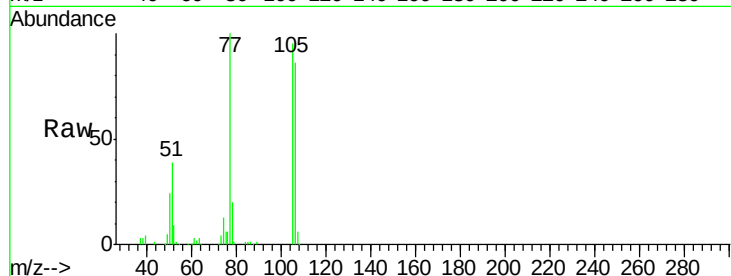
Tot Ion: 77 Resp: 100030

Ion Ratio Lower Upper

77 100

105 94.6 68.5 108.5

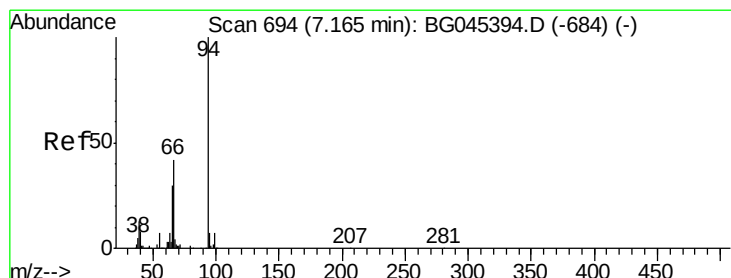
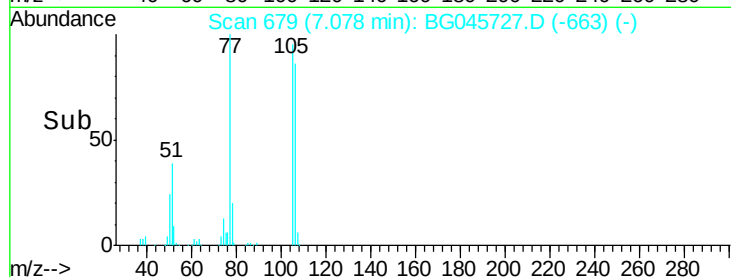
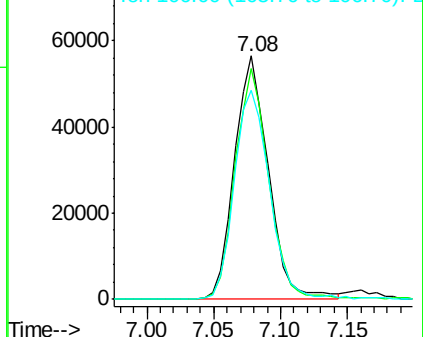
106 85.8 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 55.062 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.02 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

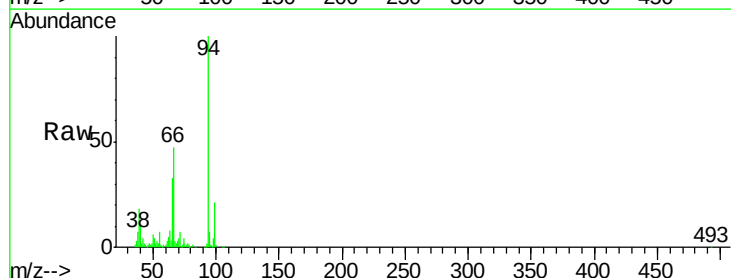
Tgt Ion: 94 Resp: 195050

Ion Ratio Lower Upper

94 100

65 33.0 9.8 49.8

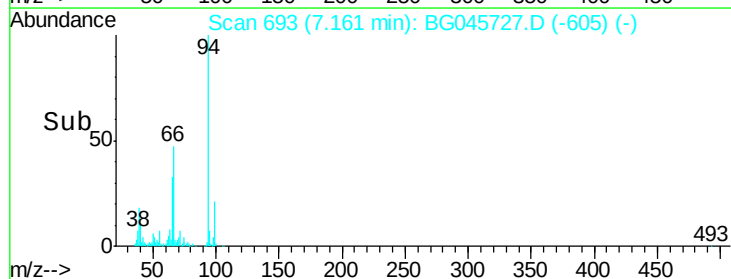
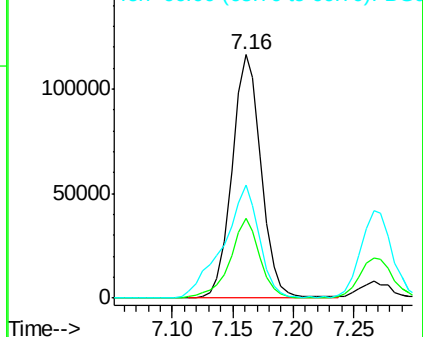
66 46.5 22.0 62.0

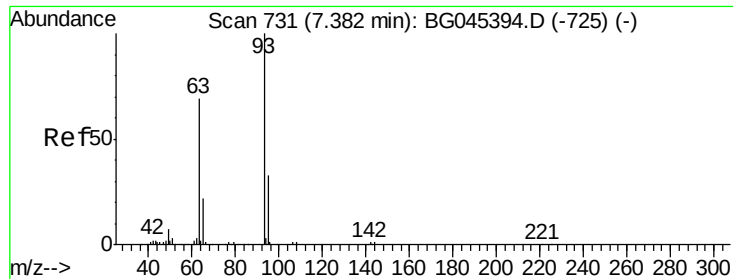


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

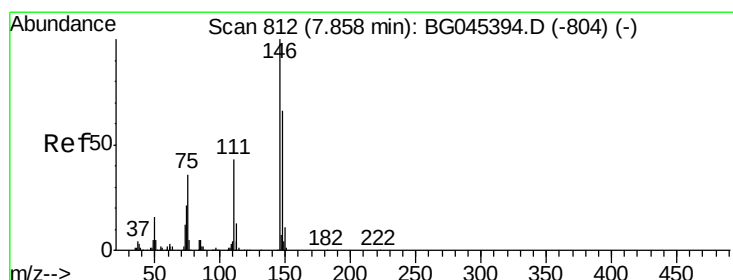
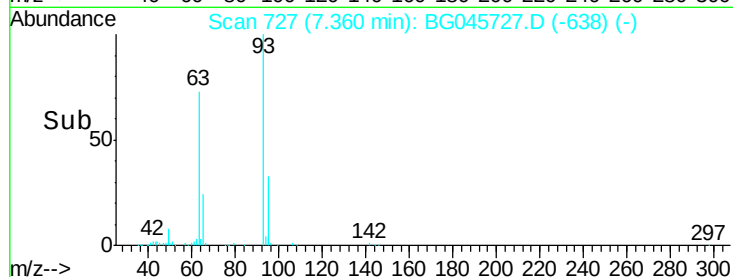
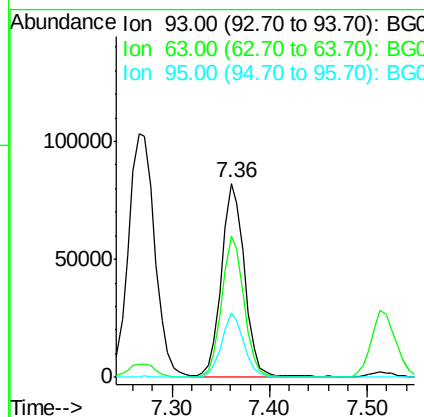
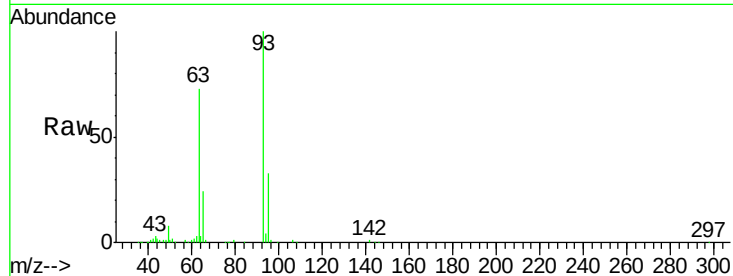




#11
bis(2-Chloroethyl)ether
Concen: 49.027 ng
RT: 7.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

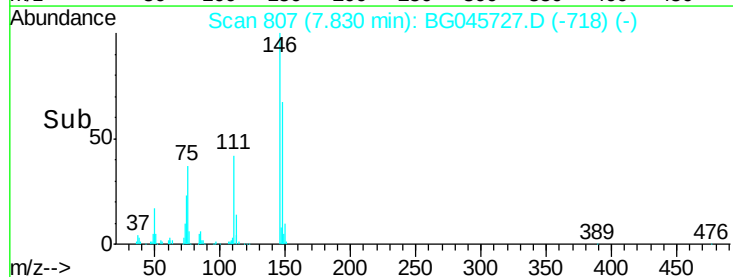
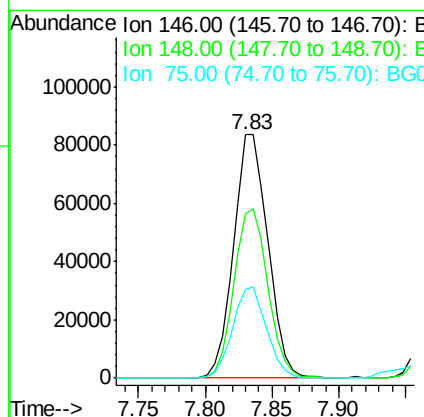
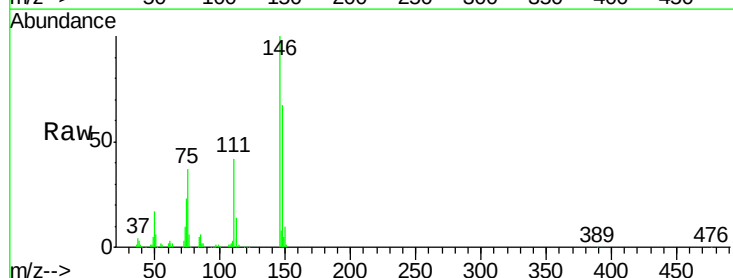
Instrument :
BNA_G
ClientSampleId :
PB129468BS

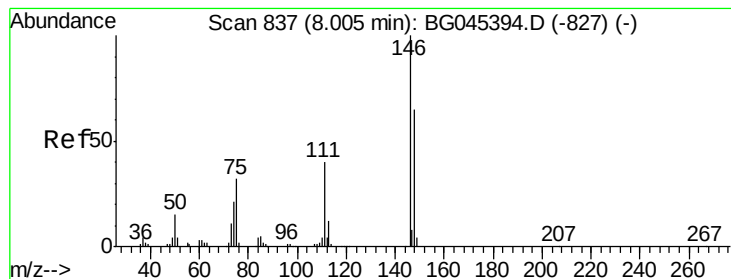
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.6	48.4	88.4
95	33.0	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 46.871 ng
RT: 7.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	53.2	79.8
75	36.5	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 49.132 ng

RT: 7.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

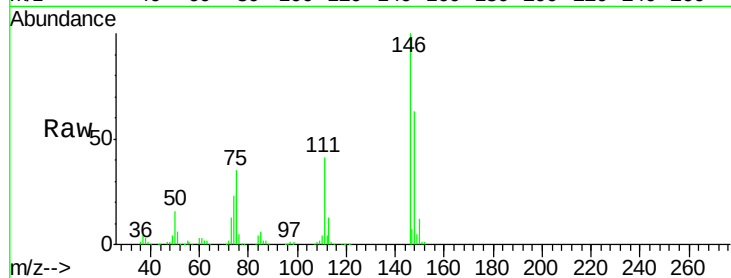
Tot Ion:146 Resp: 154305

Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.8

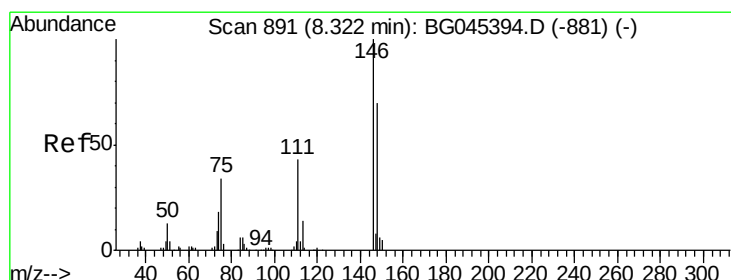
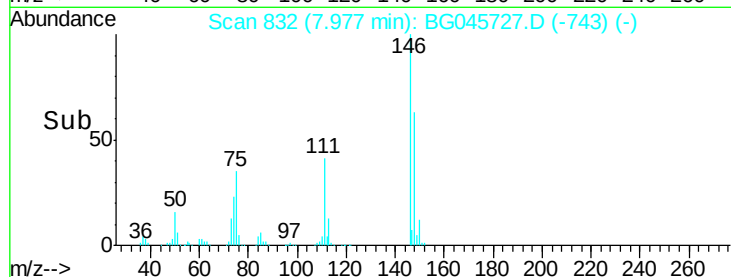
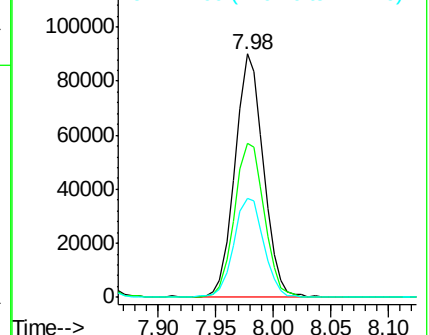
111 40.8 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.265 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

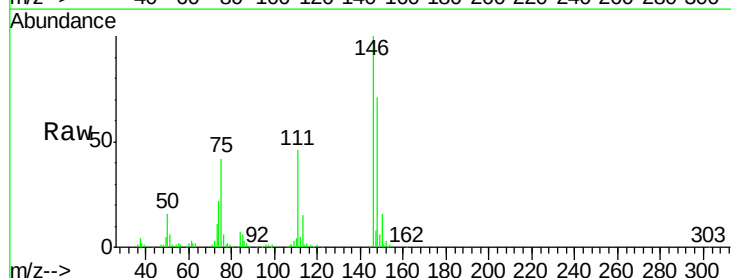
Tgt Ion:146 Resp: 142770

Ion Ratio Lower Upper

146 100

148 71.0 55.9 83.9

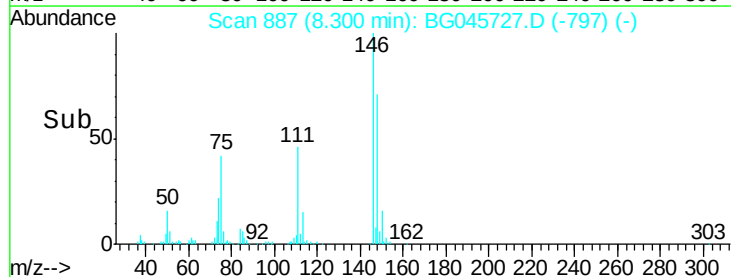
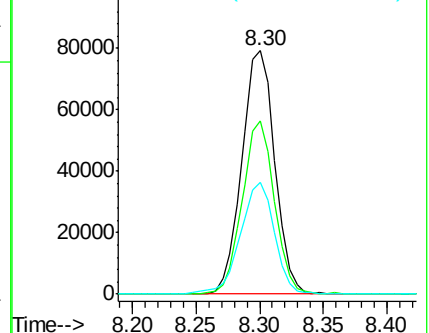
111 46.0 35.0 52.4

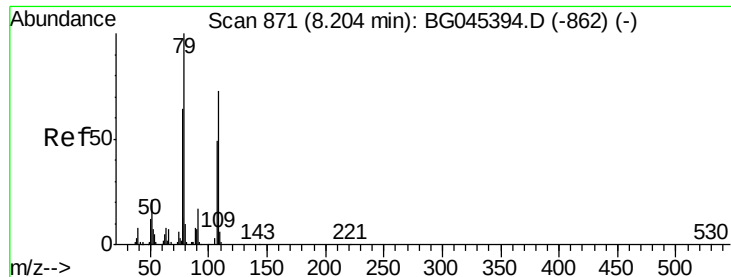


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.597 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

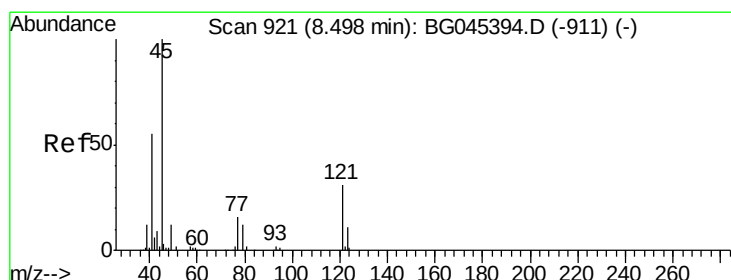
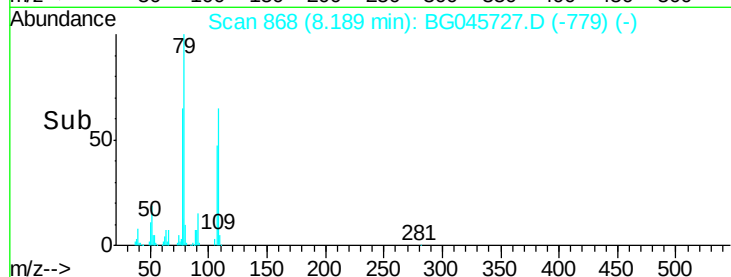
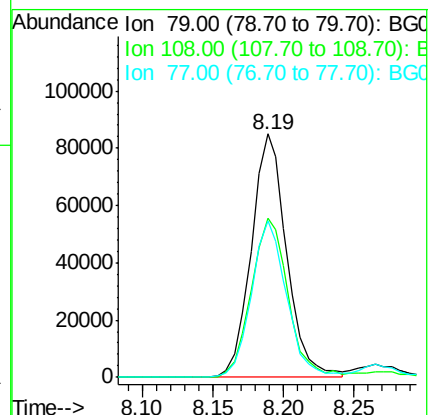
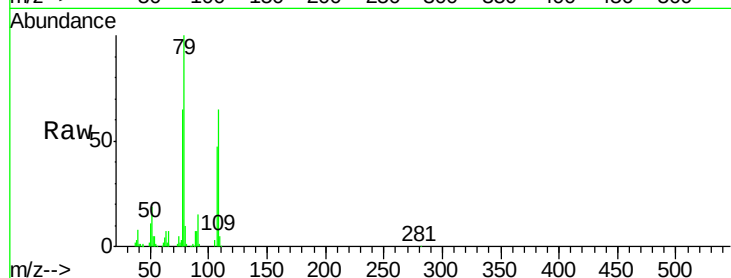
Tot Ion: 79 Resp: 149342

Ion Ratio Lower Upper

79 100

108 65.2 58.2 87.4

77 64.5 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.044 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

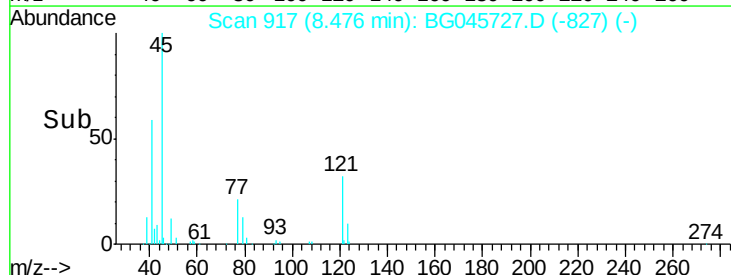
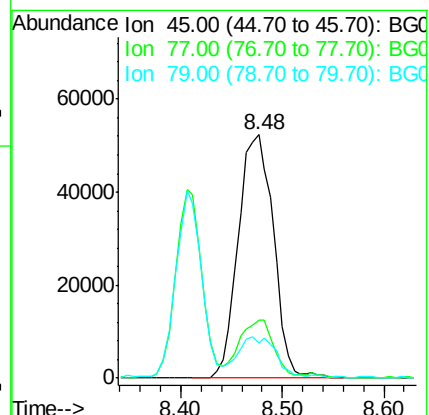
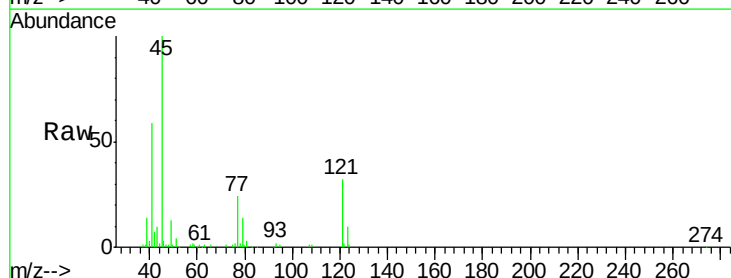
Tgt Ion: 45 Resp: 126009

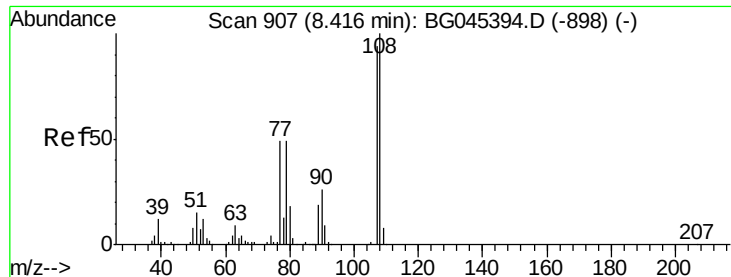
Ion Ratio Lower Upper

45 100

77 23.9 4.0 44.0

79 14.5 0.0 38.6

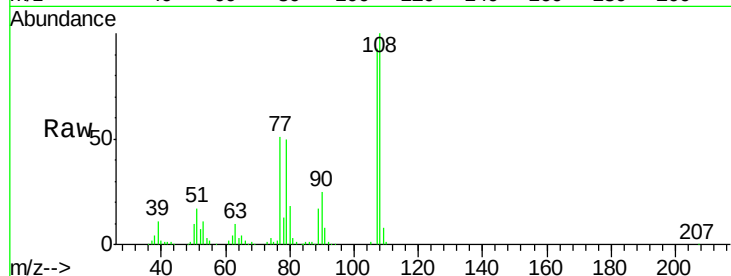




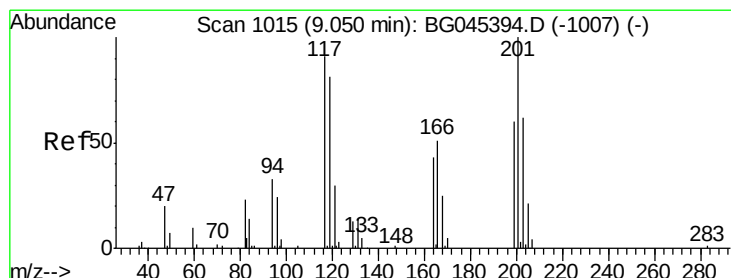
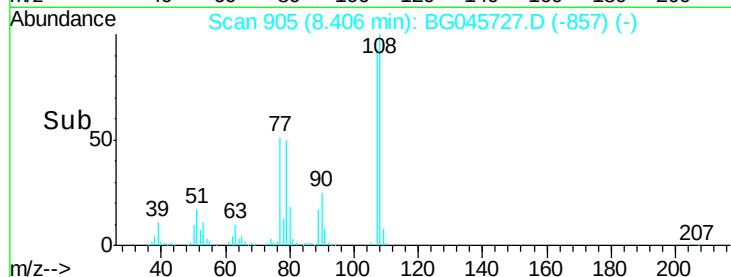
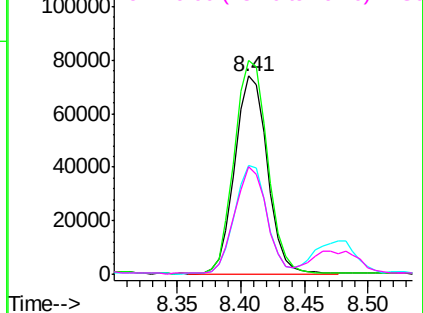
#17
2-Methylphenol
Concen: 49.941 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion:	107	Resp:	132417
Ion	Ratio	Lower	Upper
107	100		
108	107.9	85.2	127.8
77	54.9	41.6	62.4
79	54.3	41.8	62.8

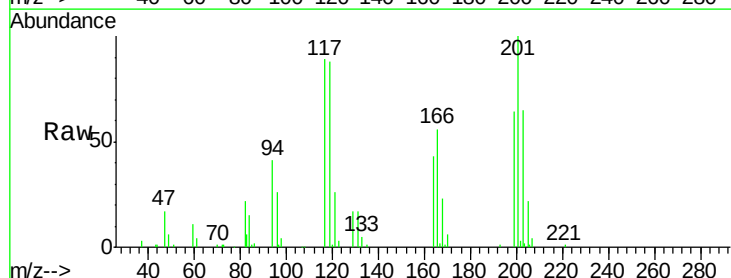


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

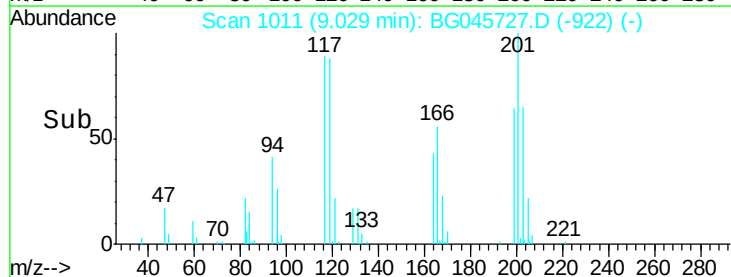
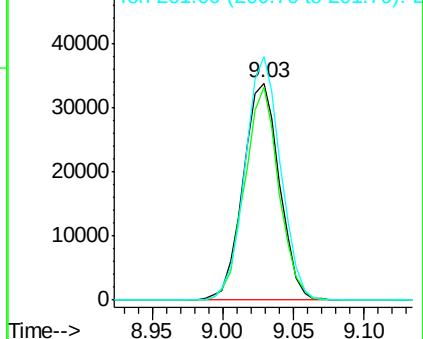


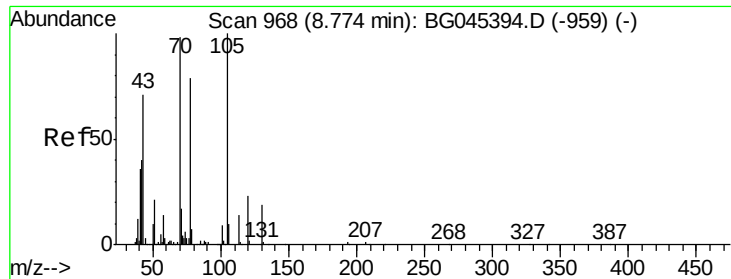
#18
Hexachloroethane
Concen: 50.774 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion:	117	Resp:	61073
Ion	Ratio	Lower	Upper
117	100		
119	98.4	71.3	106.9
201	112.2	87.5	131.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

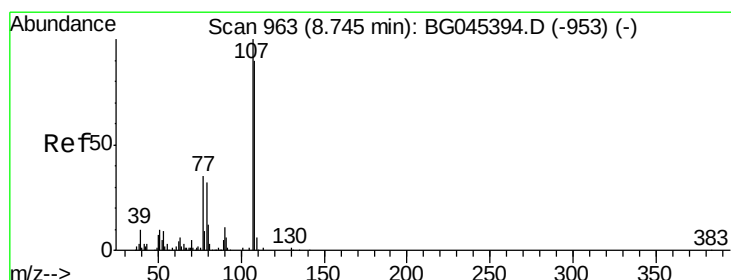
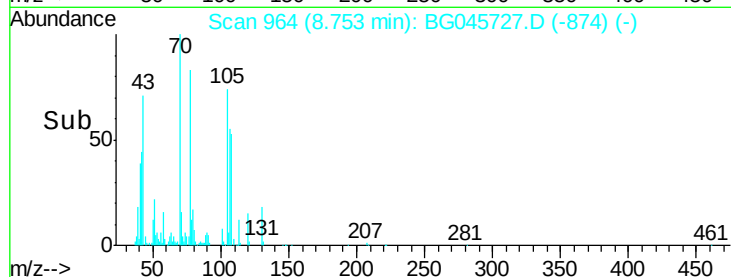
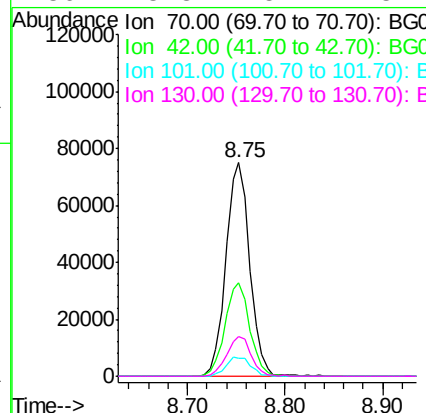
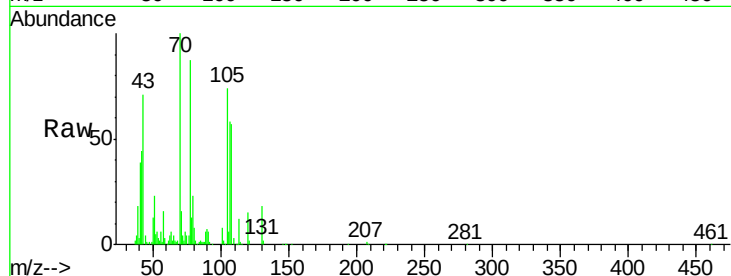




#19
n-Nitroso-di-n-propylamine
Concen: 53.142 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

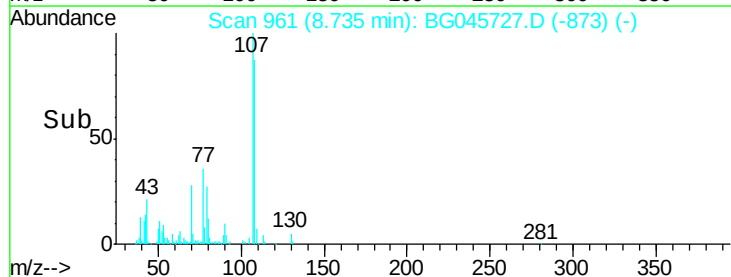
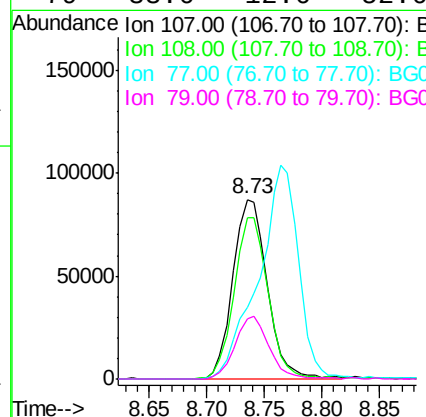
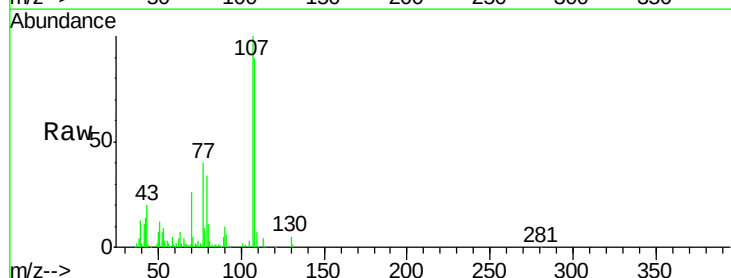
Instrument :
BNA_G
ClientSampleId :
PB129468BS

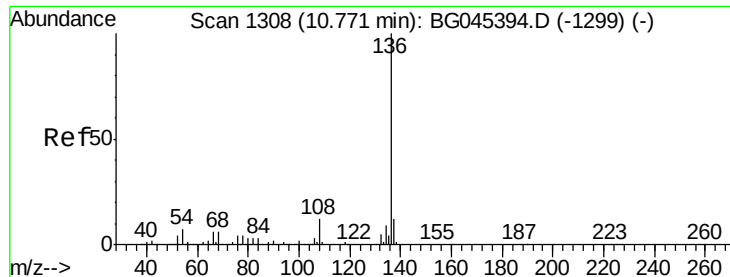
Tot Ion:	70	Resp:	126309
Ion	Ratio	Lower	Upper
70	100		
42	44.0	33.2	49.8
101	8.1	7.8	11.6
130	18.3	15.4	23.2



#20
3+4-Methylphenols
Concen: 49.800 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion:	107	Resp:	179807
Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.3	110.3
77	40.0	15.4	55.4
79	33.6	12.6	52.6

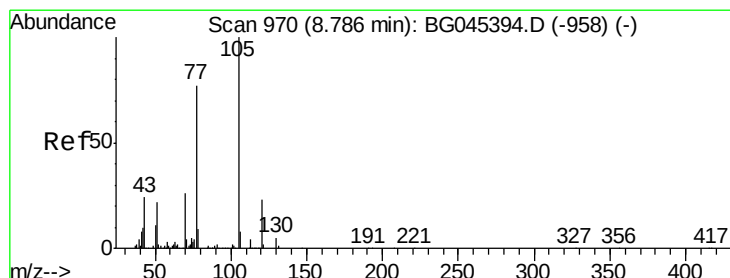
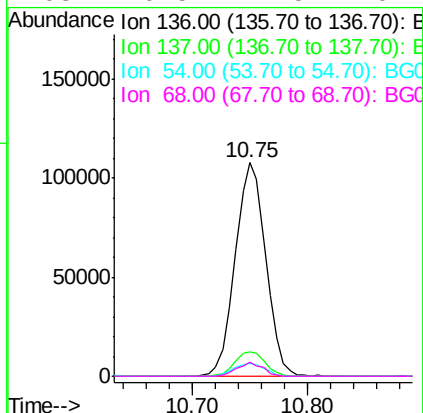
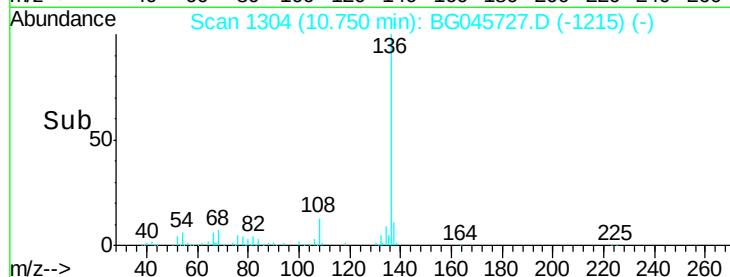
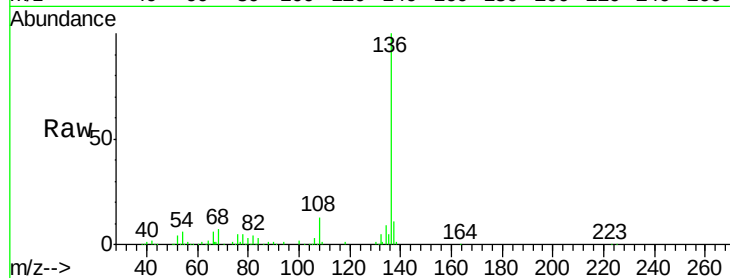




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

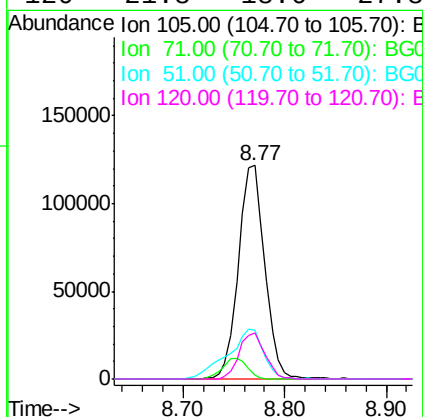
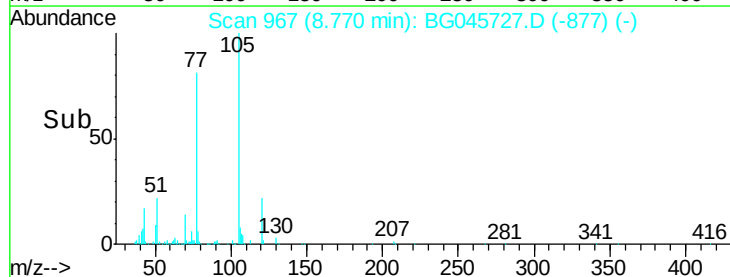
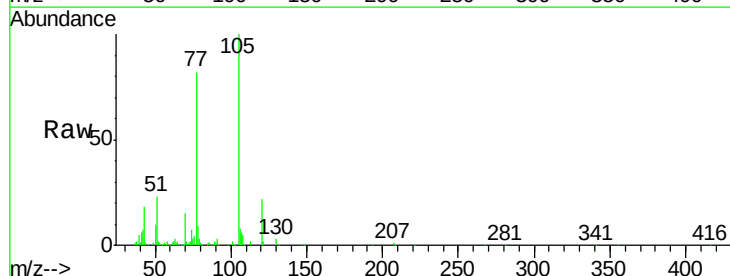
Instrument :
BNA_G
ClientSampleId :
PB129468BS

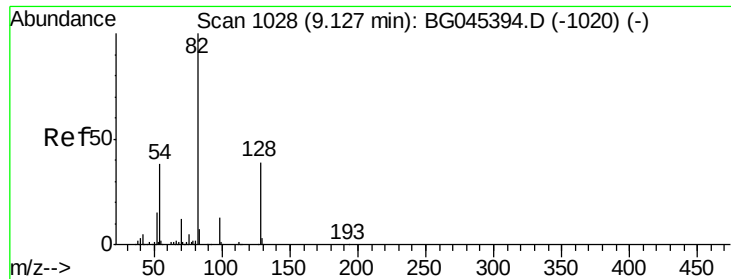
Tot Ion:136	Resp: 196757
Ion Ratio	Lower Upper
136 100	
137 11.4	9.4 14.2
54 5.8	5.8 8.6
68 6.5	4.5 6.7



#22
Acetophenone
Concen: 47.329 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt	Ion:105	Resp:	220713
Ion	Ratio	Lower	Upper
105	100		
71	2.0	3.4	5.0#
51	22.6	18.2	27.2
120	21.8	18.6	27.8

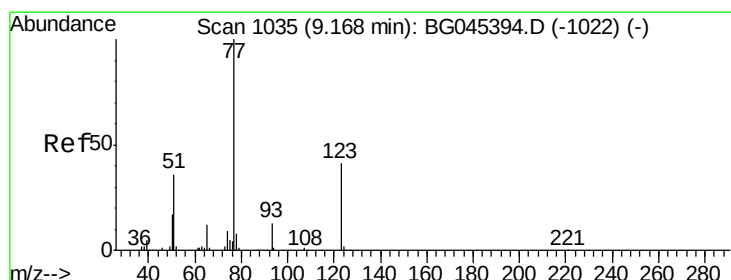
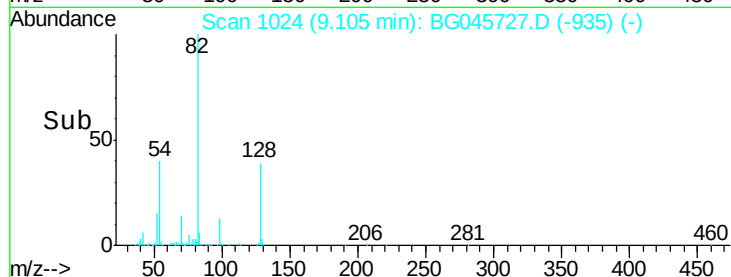
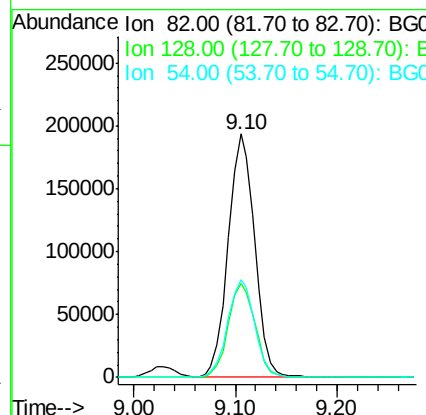
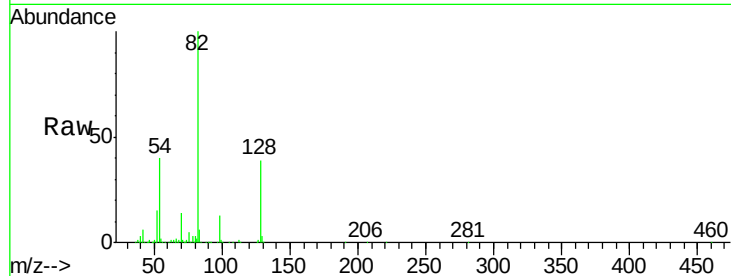




#23
 Nitrobenzene-d5
 Concen: 97.005 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045727.D
 Acq: 11 Jun 2020 18:57

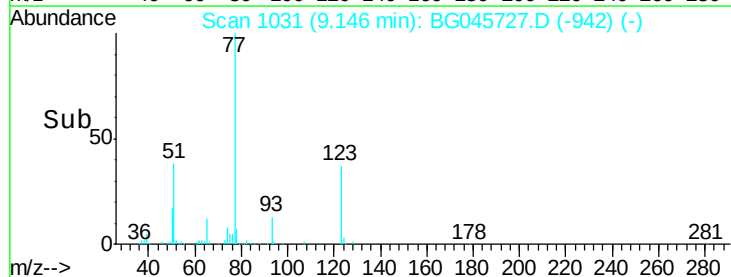
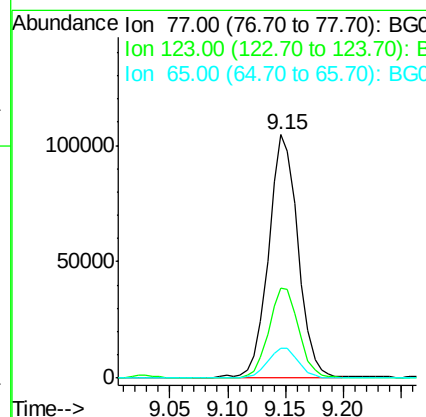
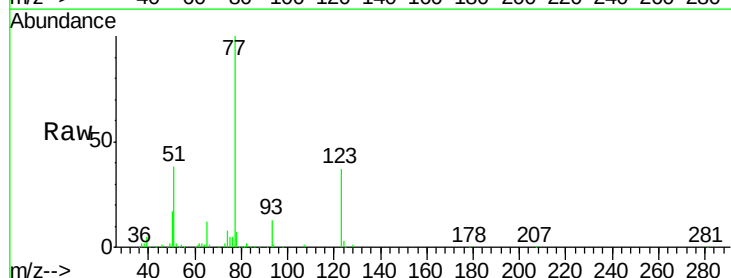
Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

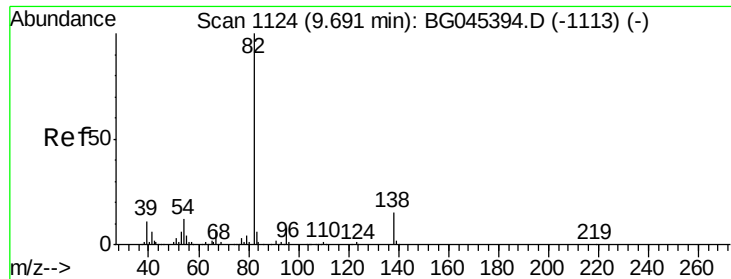
Tot Ion	82	Resp	350006
Ion Ratio	Lower	Upper	
82	100		
128	38.7	30.9	46.3
54	40.1	30.3	45.5



#24
 Nitrobenzene
 Concen: 48.305 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG045727.D
 Acq: 11 Jun 2020 18:57

Tgt Ion	77	Resp	186736
Ion Ratio	Lower	Upper	
77	100		
123	36.9	32.9	49.3
65	12.2	9.4	14.2





#25

Isophorone

Concen: 49.085 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

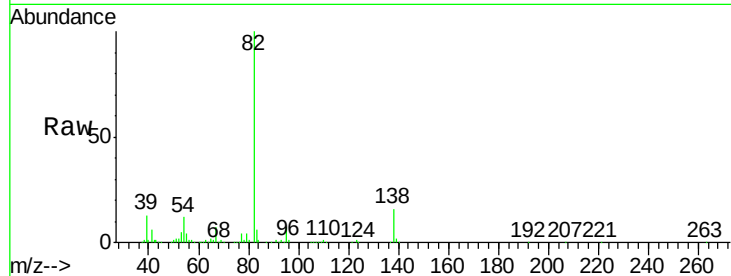
Tot Ion: 82 Resp: 348787

Ion Ratio Lower Upper

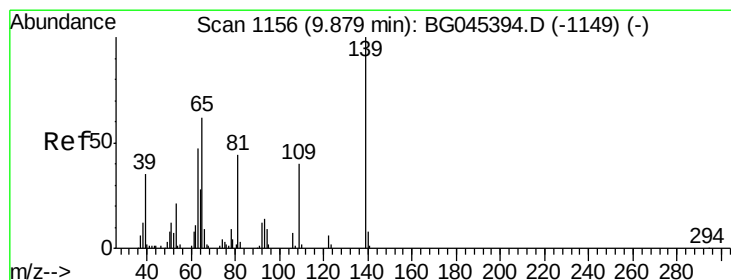
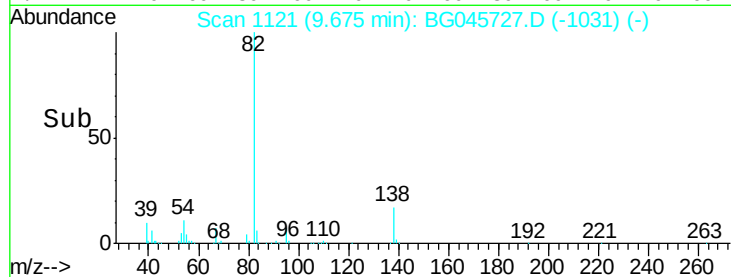
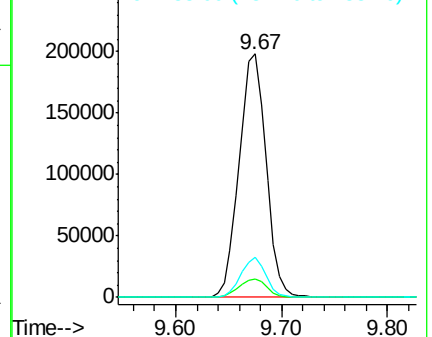
82 100

95 7.3 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: 50.252 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

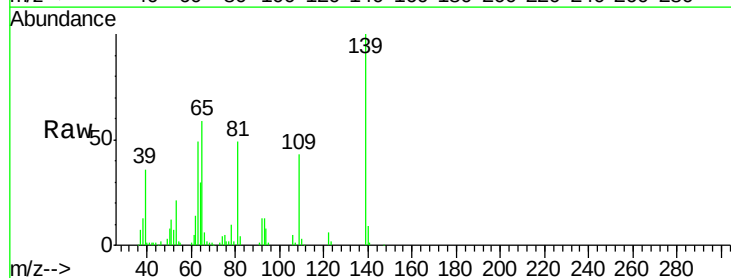
Tgt Ion: 139 Resp: 83102

Ion Ratio Lower Upper

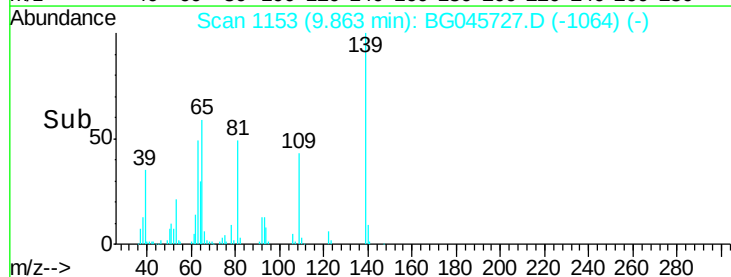
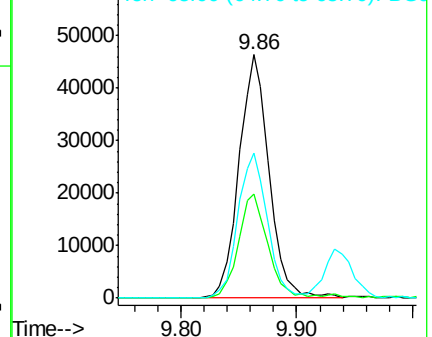
139 100

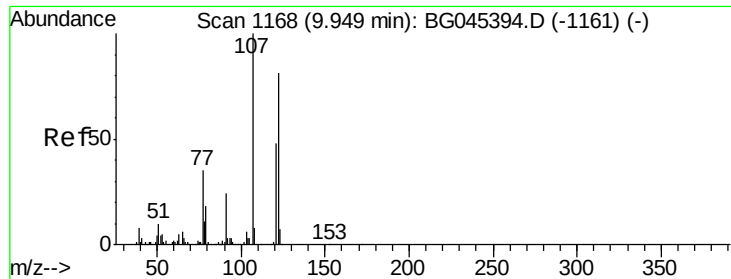
109 42.5 32.2 48.4

65 59.5 49.6 74.4



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

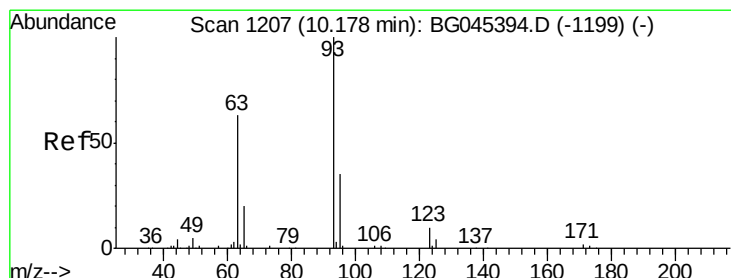
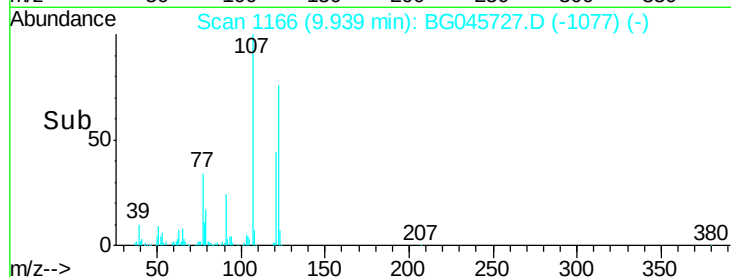
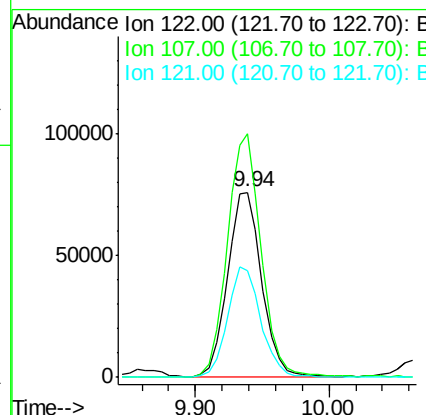
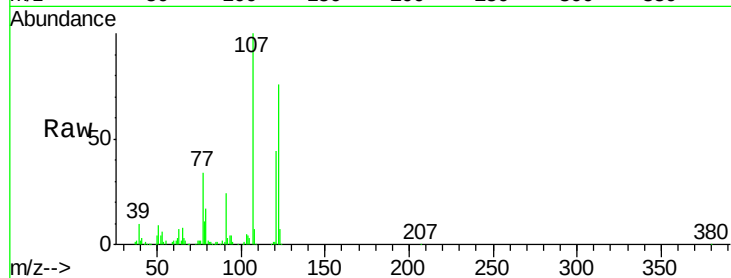




#27
2,4-Dimethylphenol
Concen: 54.831 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

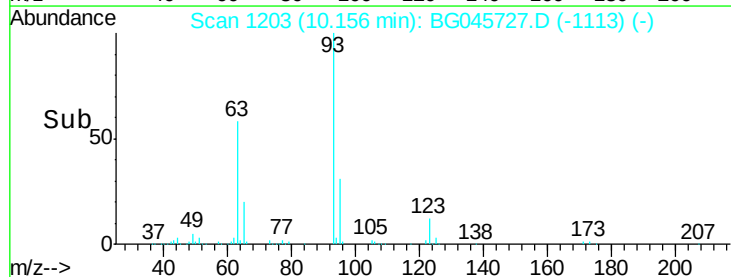
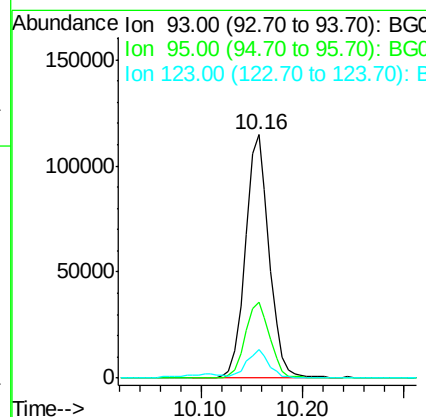
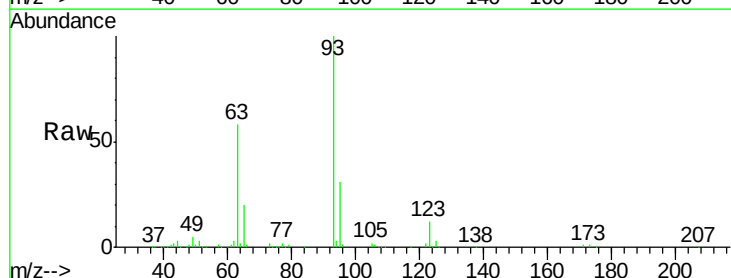
Instrument :
BNA_G
ClientSampleId :
PB129468BS

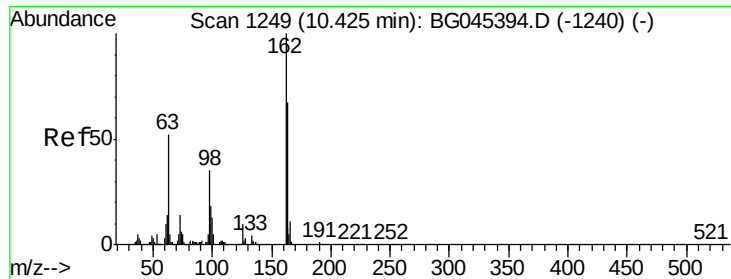
Tot Ion:122 Resp: 134484
Ion Ratio Lower Upper
122 100
107 131.7 99.0 148.4
121 57.4 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 49.808 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion: 93 Resp: 185612
Ion Ratio Lower Upper
93 100
95 31.3 27.6 41.4
123 11.7 8.1 12.1

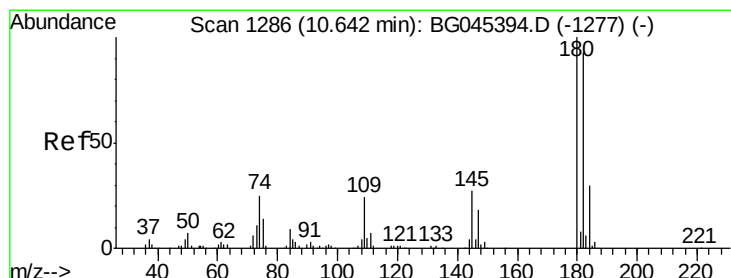
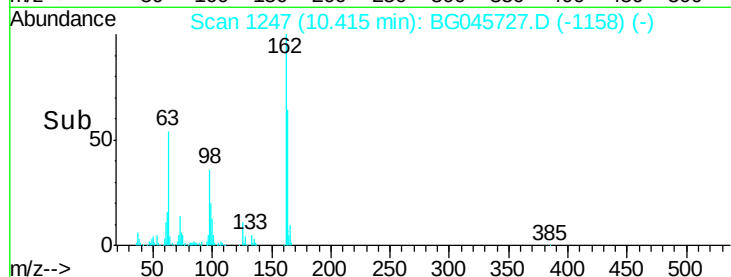
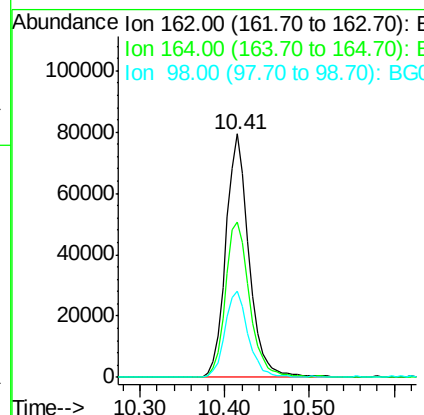
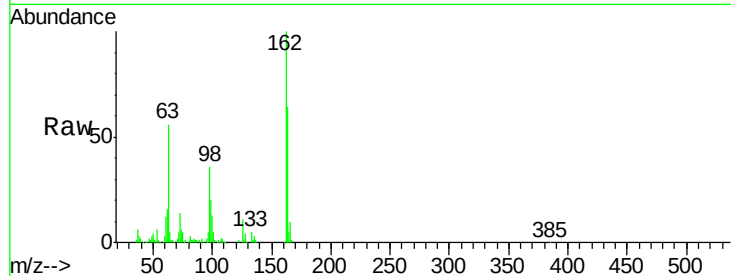




#29
 2,4-Dichlorophenol
 Concen: 51.893 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG045727.D
 Acq: 11 Jun 2020 18:57

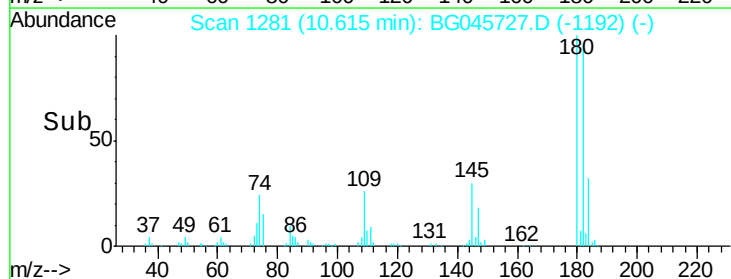
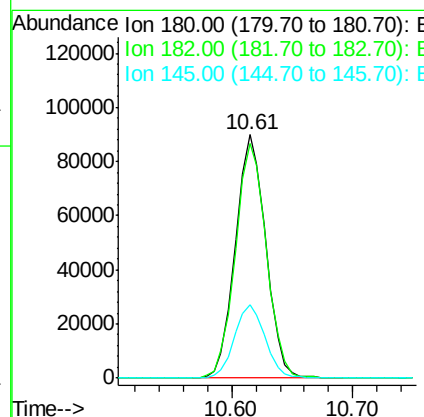
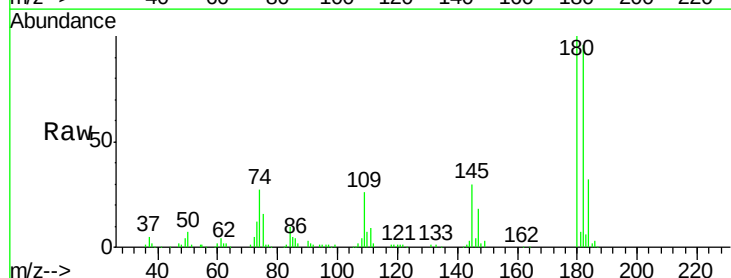
Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

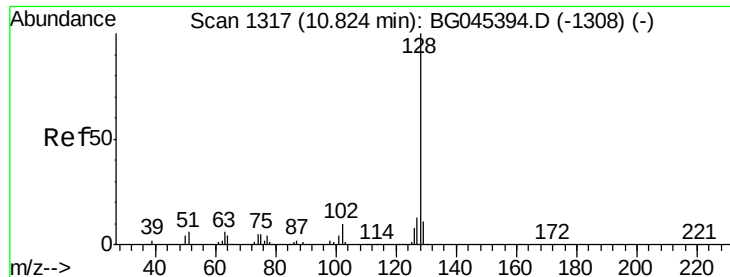
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	46.8	86.8
98	35.5	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 45.987 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG045727.D
 Acq: 11 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.8	112.2
145	30.0	21.9	32.9

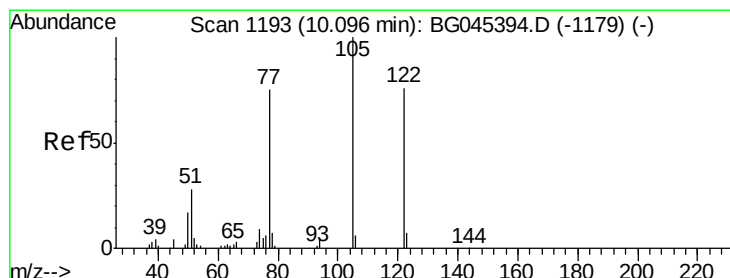
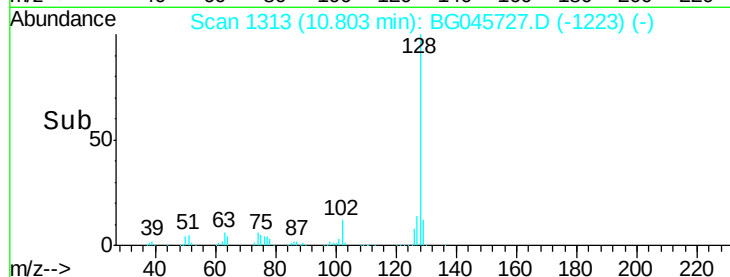
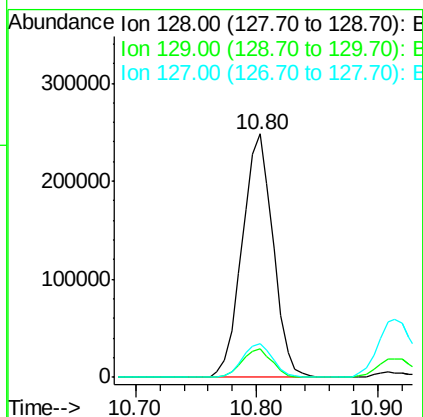
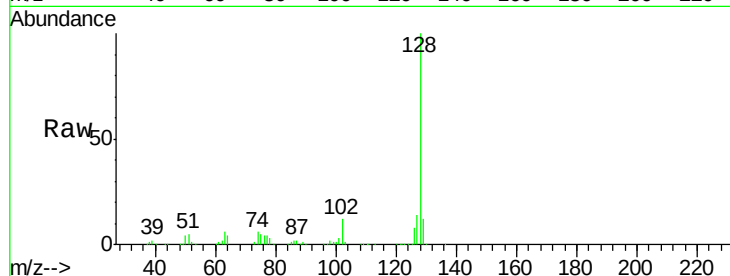




#31
Naphthalene
Concen: 48.306 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

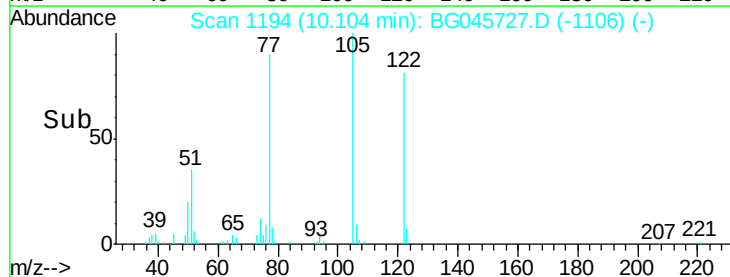
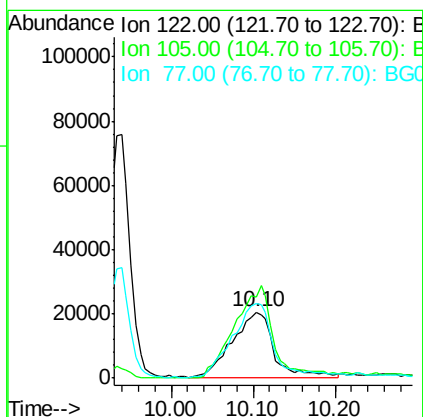
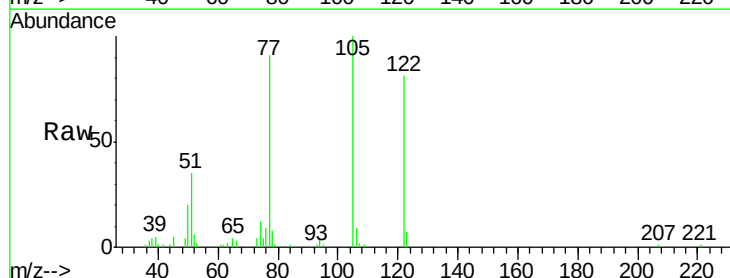
Instrument :
BNA_G
ClientSampleId :
PB129468BS

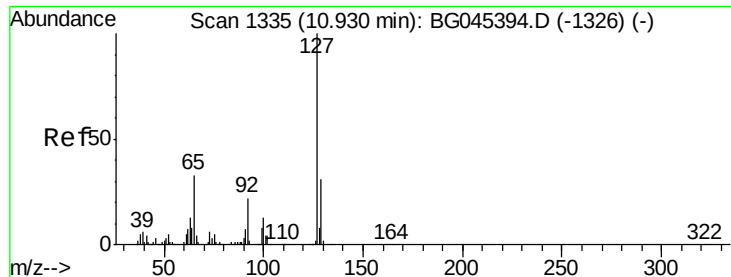
Tot Ion:128 Resp: 442901
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 43.696 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion:122 Resp: 70995
Ion Ratio Lower Upper
122 100
105 123.6 107.9 147.9
77 113.1 78.9 118.9

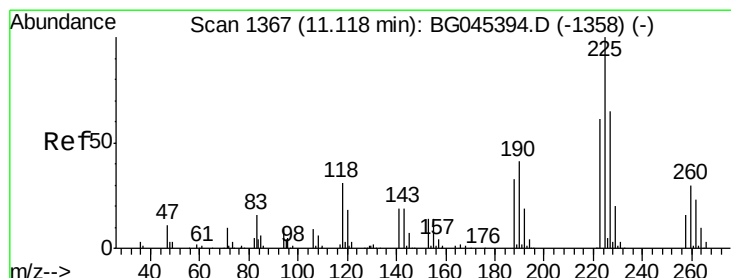
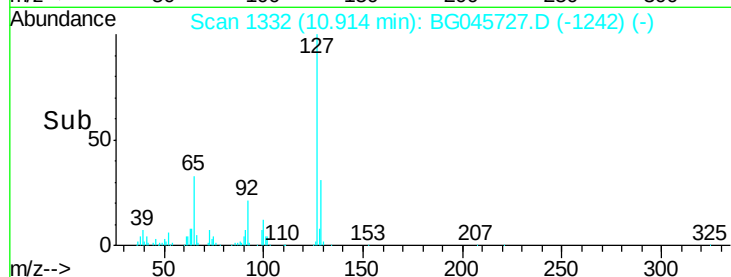
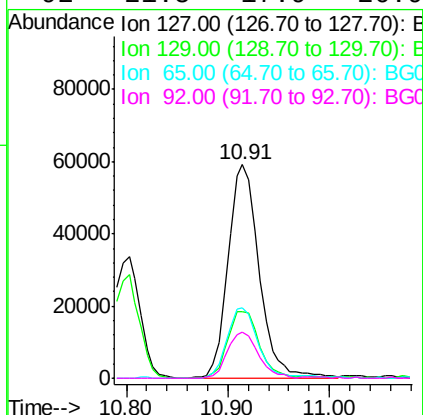
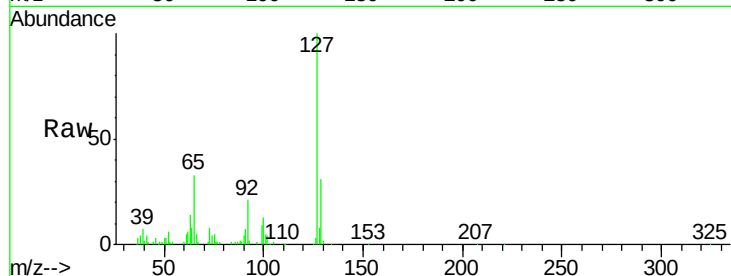




#33
4-Chloroaniline
Concen: 32.999 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

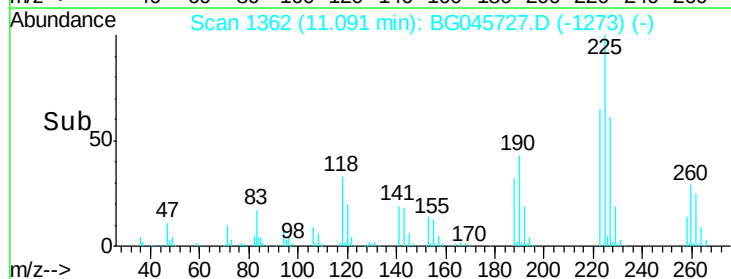
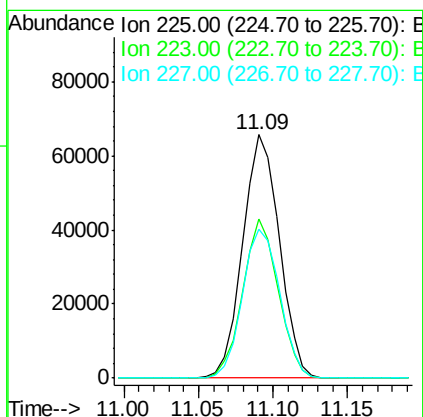
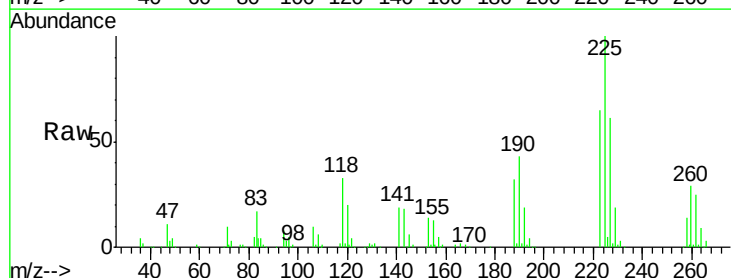
Instrument :
BNA_G
ClientSampleId :
PB129468BS

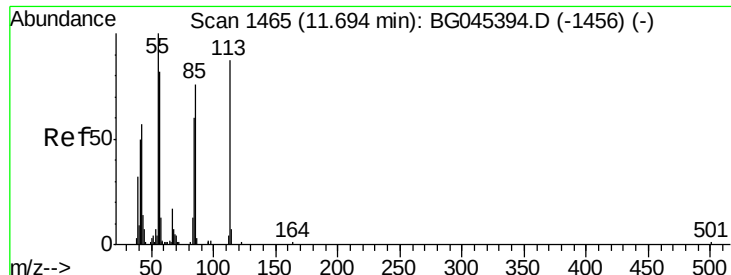
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.7	37.1
65	33.2	26.2	39.2
92	21.5	17.9	26.9



#34
Hexachlorobutadiene
Concen: 46.149 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.1	73.7
227	61.4	52.0	78.0

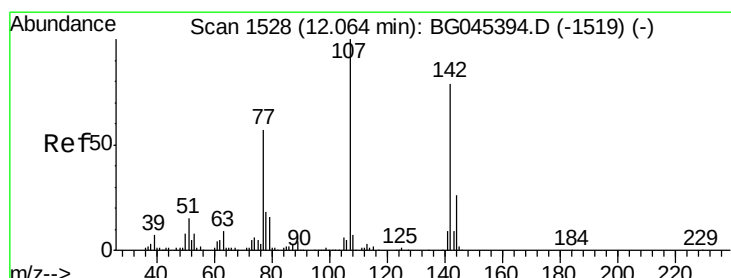
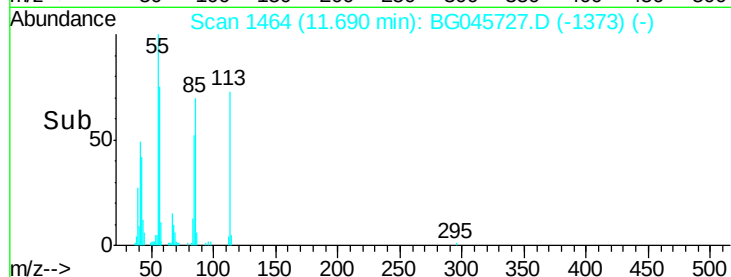
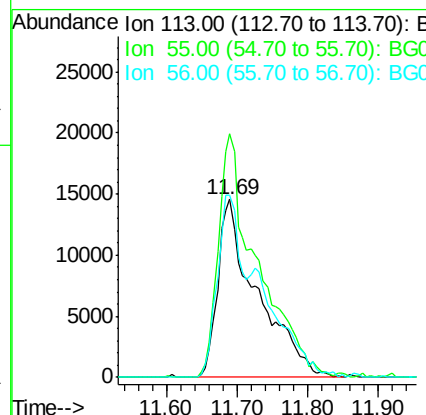
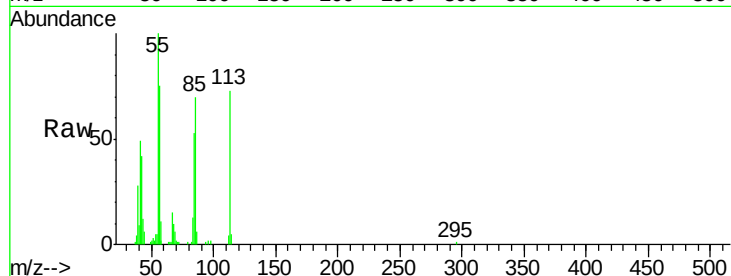




#35
 Caprolactam
 Concen: 52.993 ng
 RT: 11.69 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BG045727.D
 Acq: 11 Jun 2020 18:57

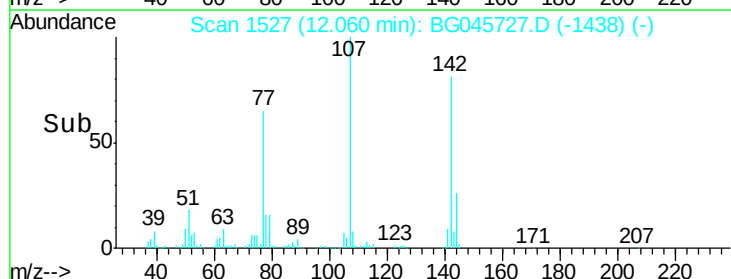
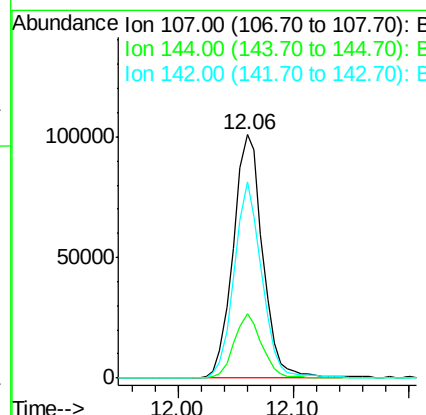
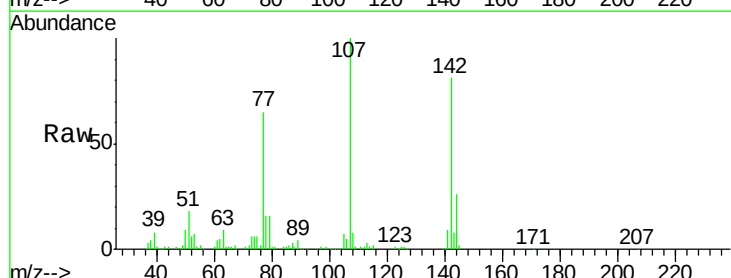
Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

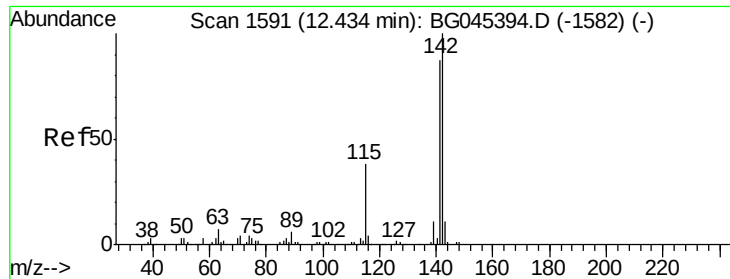
Tot Ion:113 Resp: 56337
 Ion Ratio Lower Upper
 113 100
 55 137.0 96.0 136.0#
 56 102.6 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 54.804 ng
 RT: 12.06 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BG045727.D
 Acq: 11 Jun 2020 18:57

Tgt Ion:107 Resp: 178864
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.8 31.2
 142 80.7 62.8 94.2

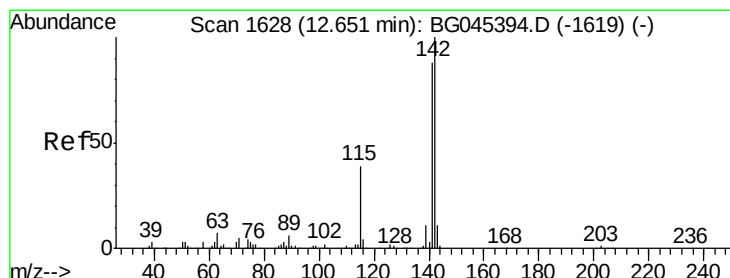
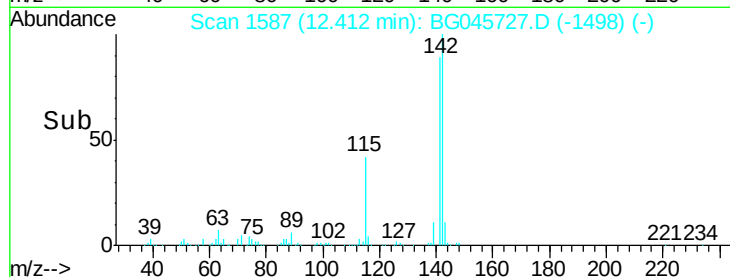
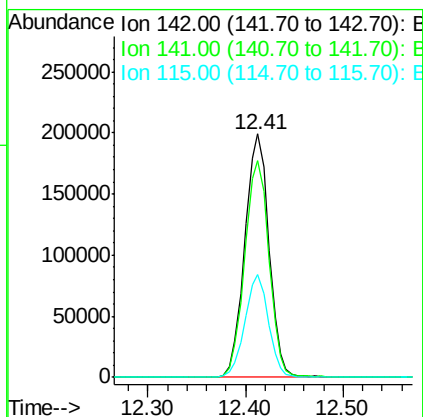
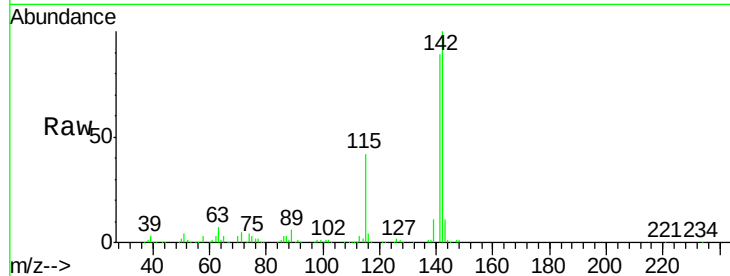




#37
2-Methylnaphthalene
Concen: 50.273 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

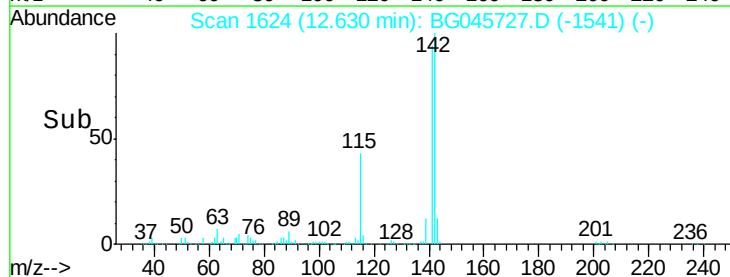
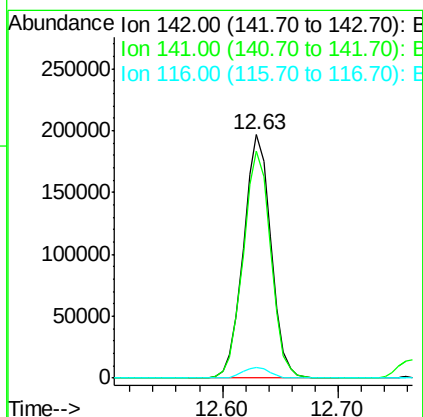
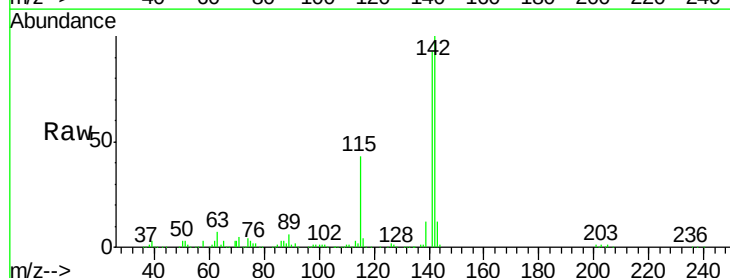
Instrument :
BNA_G
ClientSampleId :
PB129468BS

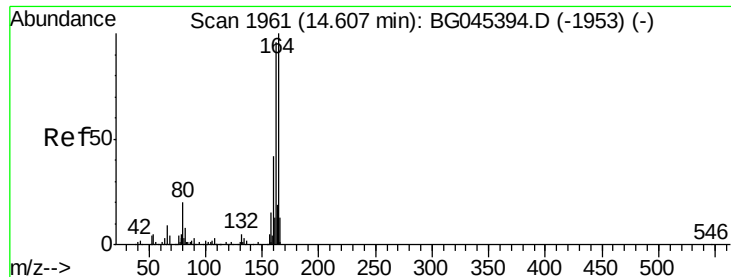
Tot Ion:142 Resp: 343557
Ion Ratio Lower Upper
142 100
141 88.9 70.0 105.0
115 42.1 30.8 46.2



#38
1-Methylnaphthalene
Concen: 50.085 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion:142 Resp: 323318
Ion Ratio Lower Upper
142 100
141 93.5 70.8 106.2
116 4.4 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

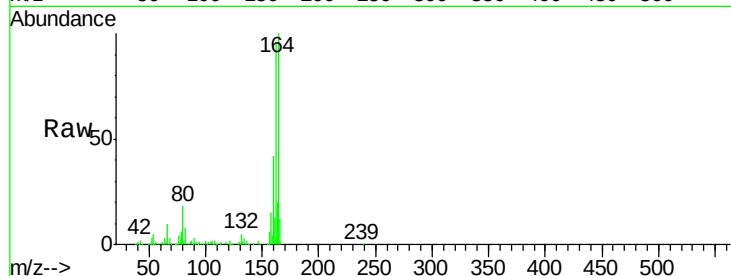
Tot Ion:164 Resp: 147960

Ion Ratio Lower Upper

164 100

162 95.6 76.9 115.3

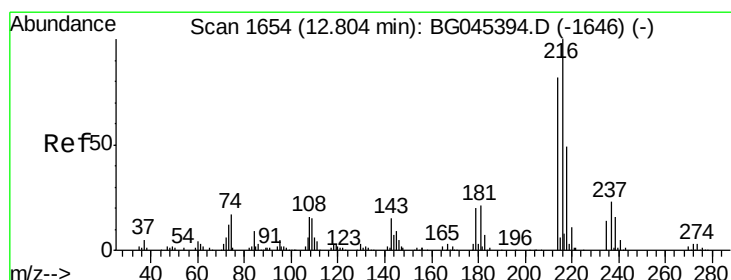
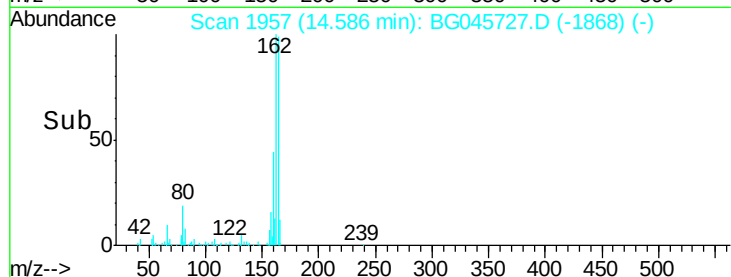
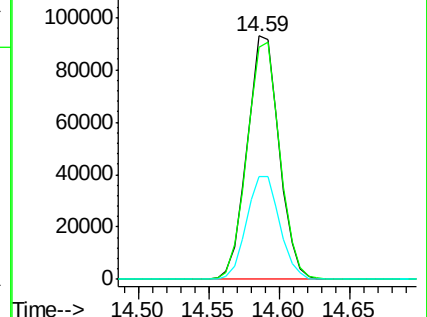
160 42.1 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.214 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Tgt Ion:216 Resp: 190991

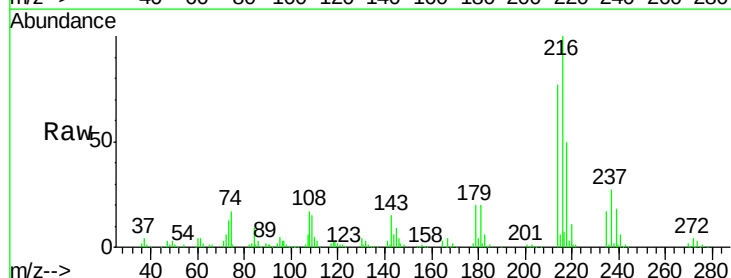
Ion Ratio Lower Upper

216 100

214 77.7 63.7 95.5

179 19.7 16.1 24.1

108 19.6 13.8 20.6

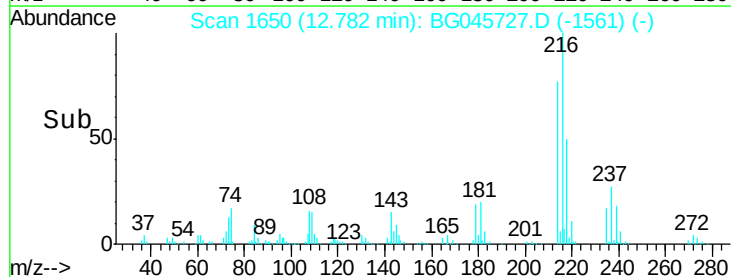
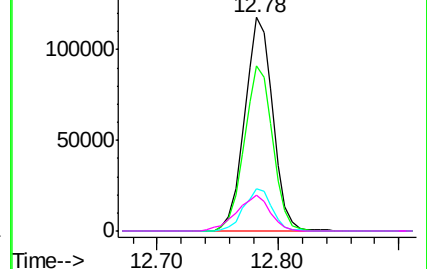


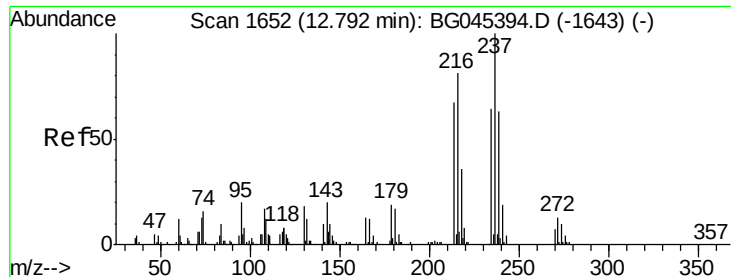
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.458 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

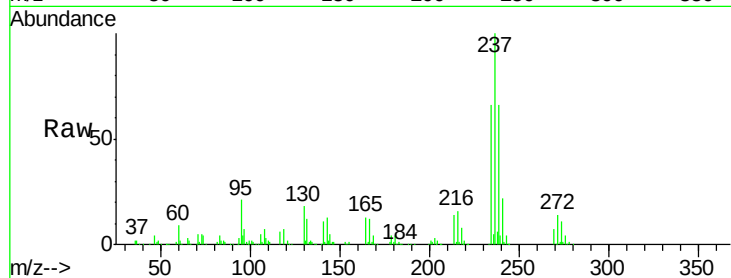
Tot Ion:237 Resp: 225316

Ion Ratio Lower Upper

237 100

235 65.7 44.4 84.4

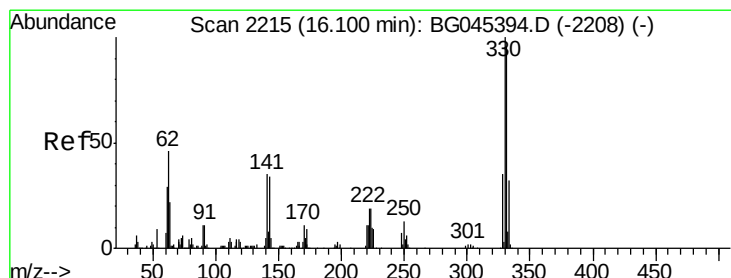
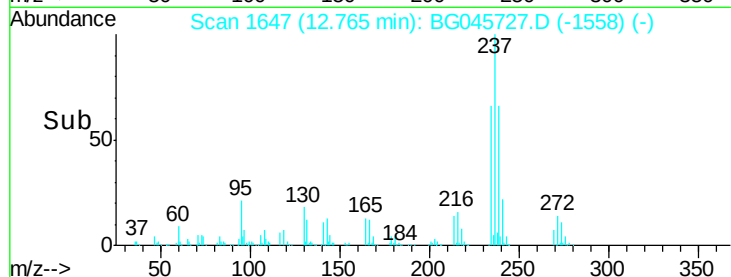
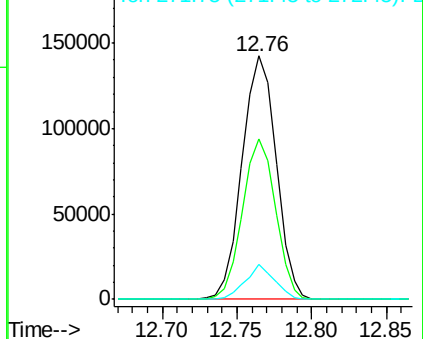
272 14.1 0.0 32.5



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: 144.867 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

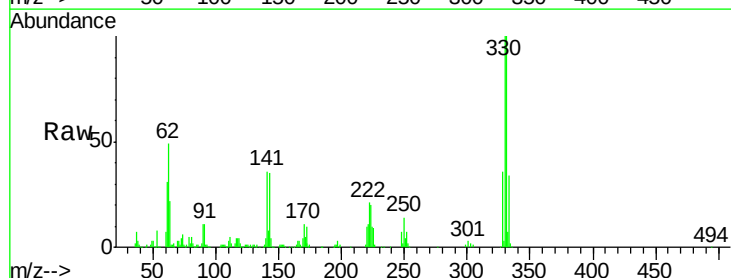
Tgt Ion:330 Resp: 274123

Ion Ratio Lower Upper

330 100

332 98.9 78.2 117.4

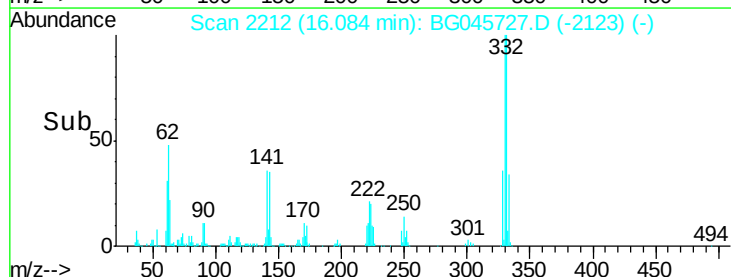
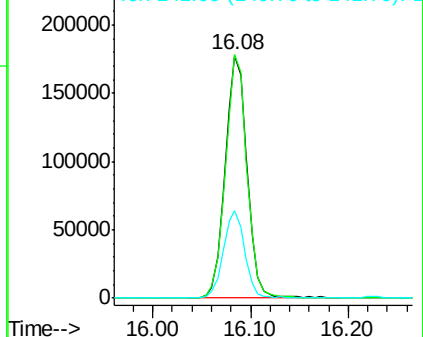
141 35.6 28.2 42.4

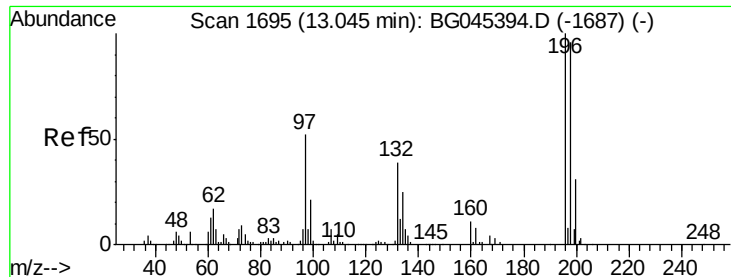


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

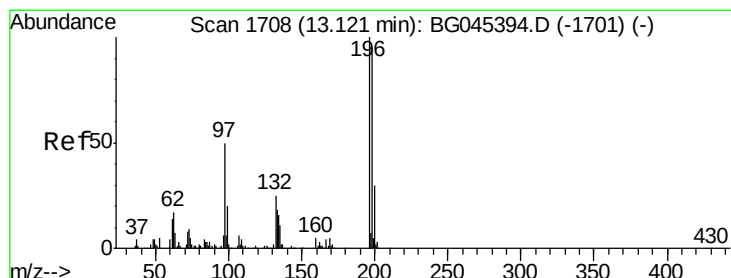
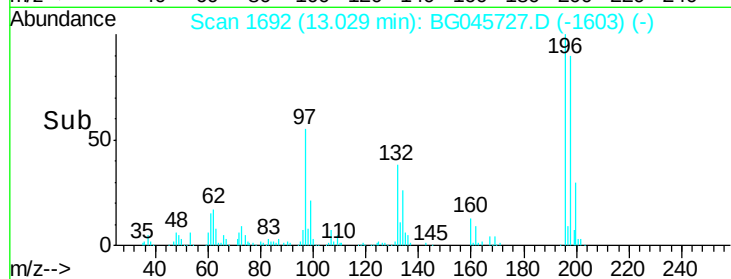
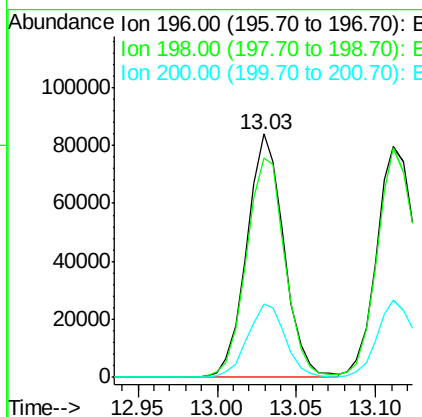
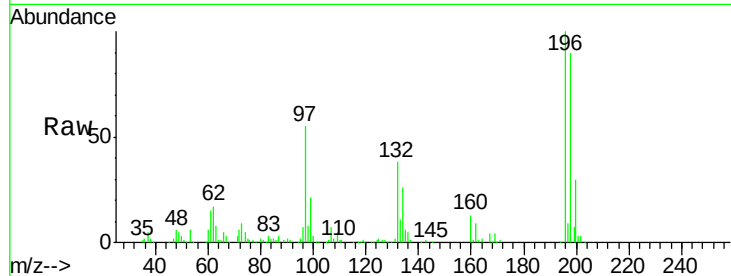




#43
 2,4,6-Trichlorophenol
 Concen: 47.624 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG045727.D
 Acq: 11 Jun 2020 18:57

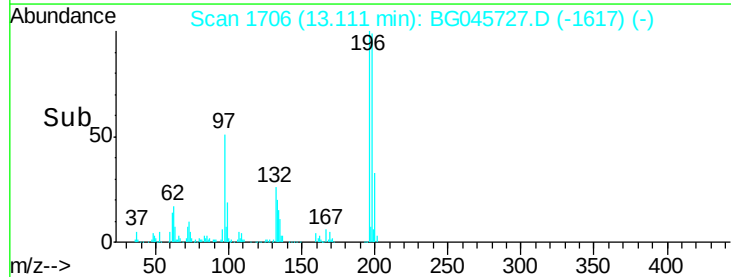
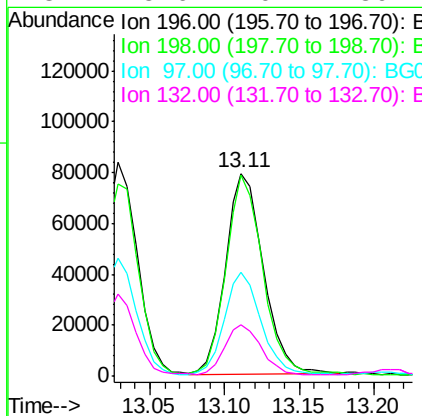
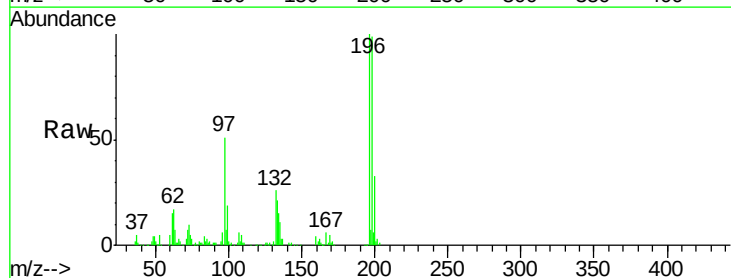
Instrument :
 BNA_G
 ClientSampleID :
 PB129468BS

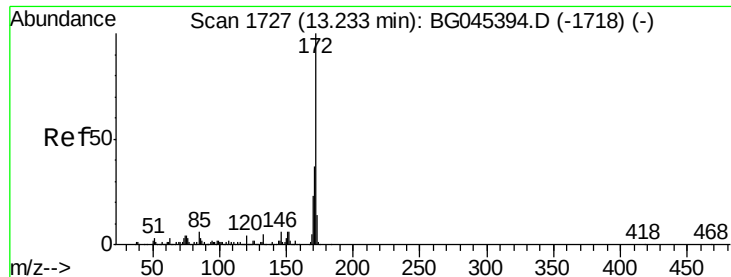
Tot Ion:196 Resp: 136721
 Ion Ratio Lower Upper
 196 100
 198 89.9 76.7 115.1
 200 29.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.493 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045727.D
 Acq: 11 Jun 2020 18:57

Tgt Ion:196 Resp: 139405
 Ion Ratio Lower Upper
 196 100
 198 99.2 76.1 114.1
 97 51.4 40.0 60.0
 132 25.6 20.2 30.2

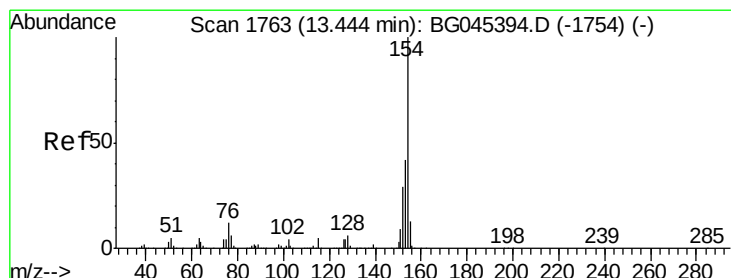
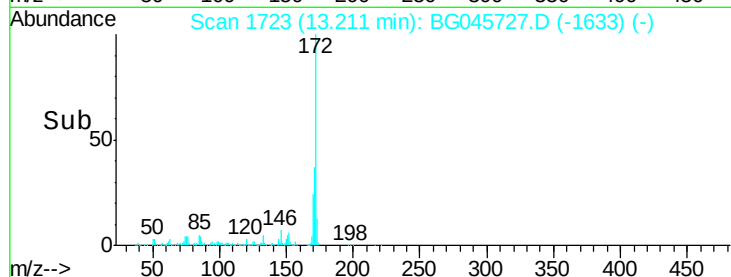
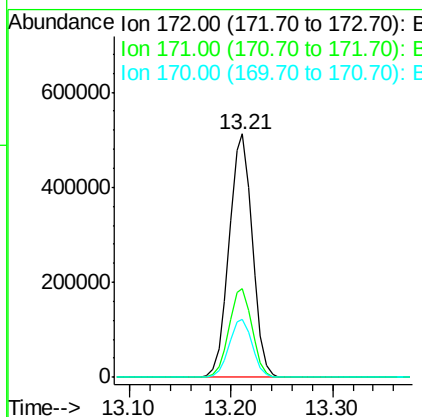
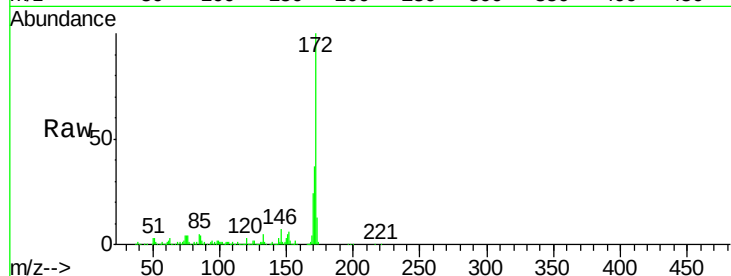




#45
2-Fluorobiphenyl
Concen: 93.302 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

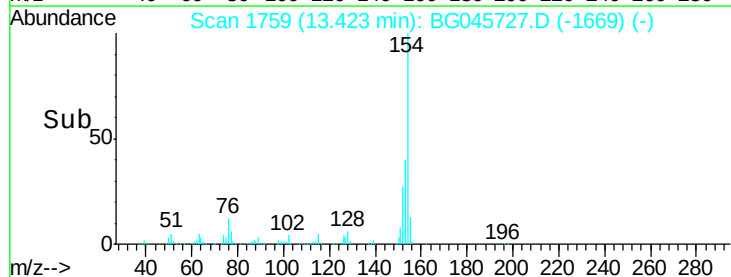
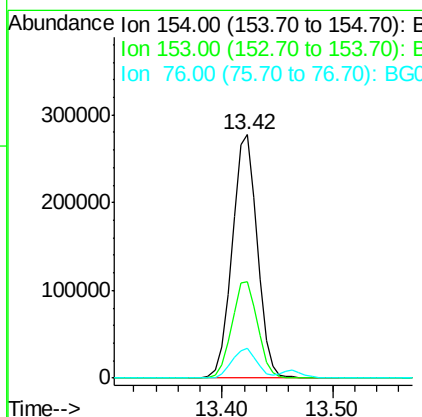
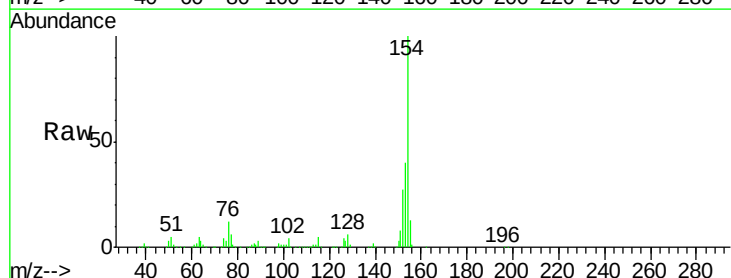
Instrument :
BNA_G
ClientSampleId :
PB129468BS

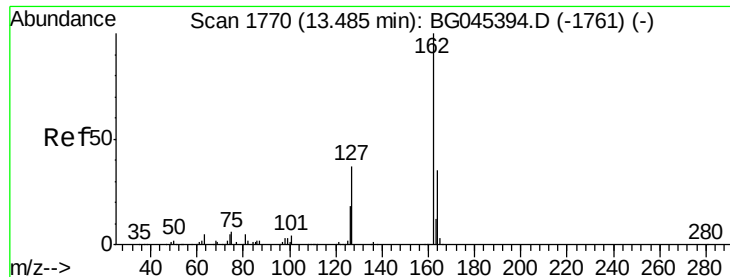
Tot Ion:172 Resp: 813872
Ion Ratio Lower Upper
172 100
171 36.6 29.5 44.3
170 23.8 18.5 27.7



#46
1,1'-Biphenyl
Concen: 48.793 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion:154 Resp: 443597
Ion Ratio Lower Upper
154 100
153 39.7 22.2 62.2
76 12.0 0.0 32.4

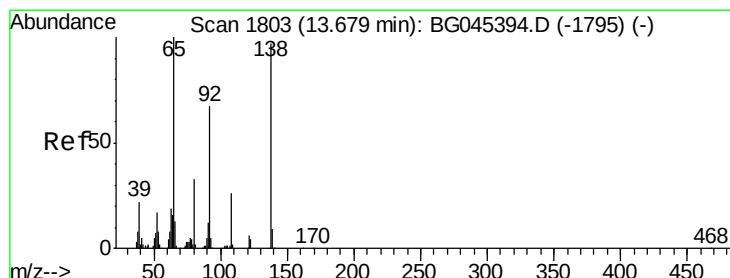
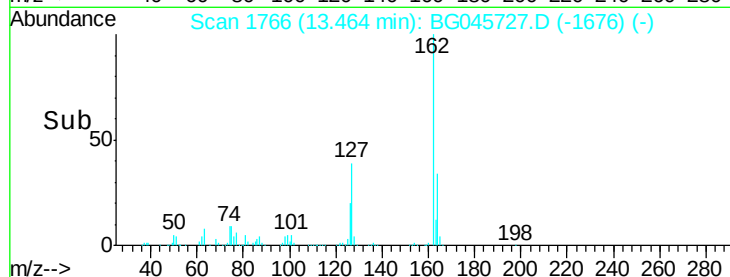
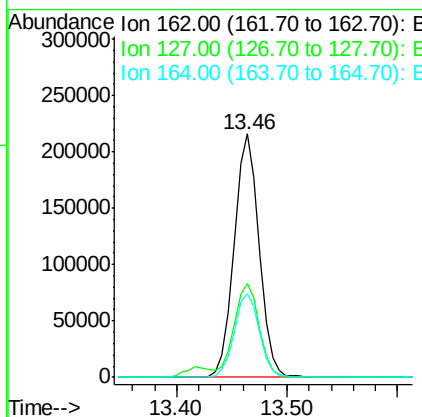
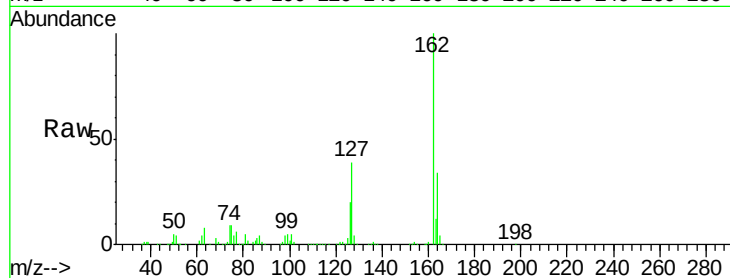




#47
2-Chloronaphthalene
Concen: 46.419 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

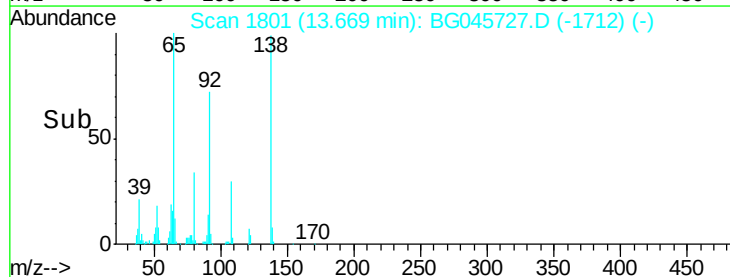
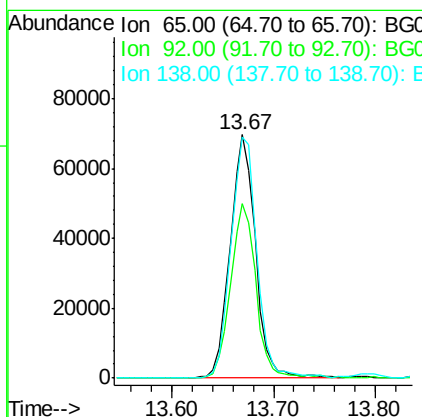
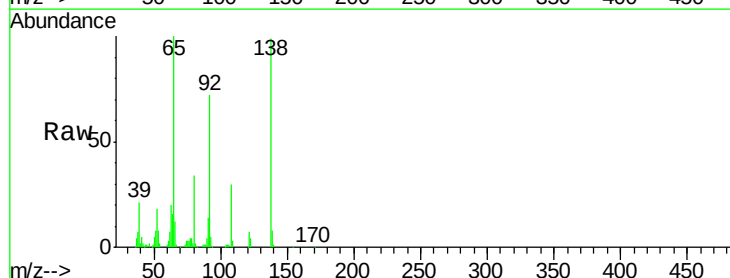
Instrument :
BNA_G
ClientSampleId :
PB129468BS

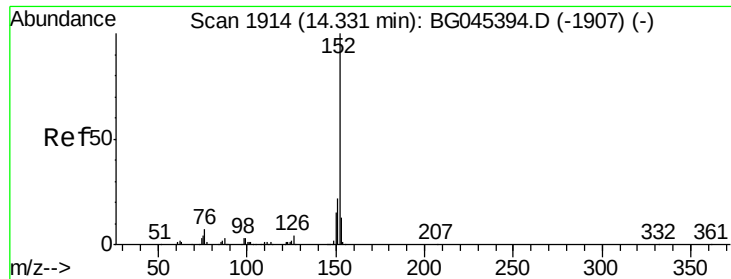
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.6	47.4
164	34.3	28.1	42.1



#48
2-Nitroaniline
Concen: 49.876 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	53.8	80.8
138	98.9	77.9	116.9





#49

Acenaphthylene

Concen: 47.670 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

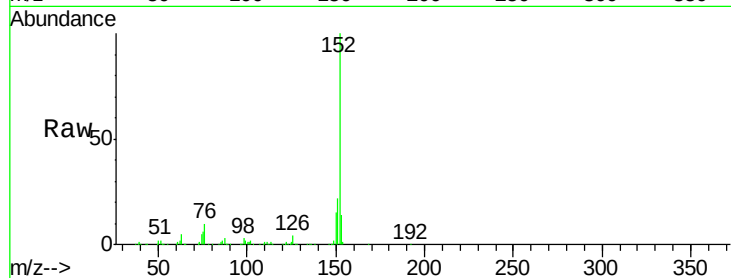
Tot Ion:152 Resp: 565293

Ion Ratio Lower Upper

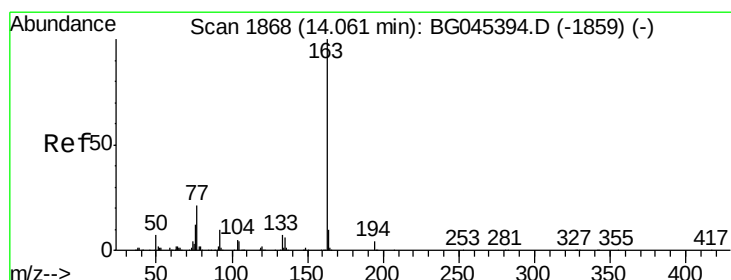
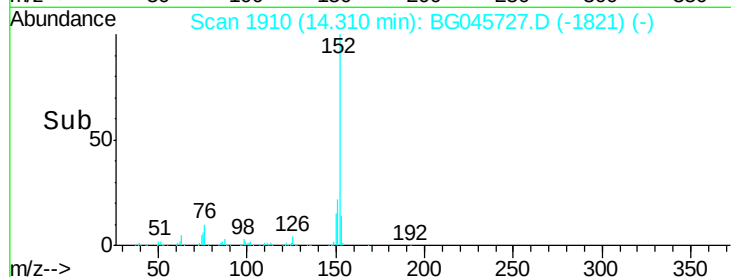
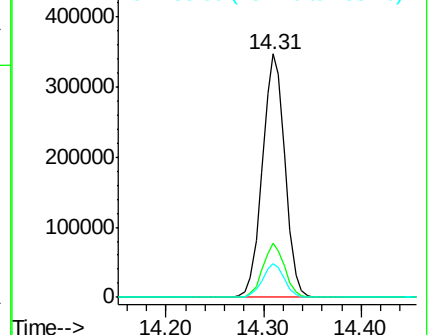
152 100

151 22.3 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: 48.274 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

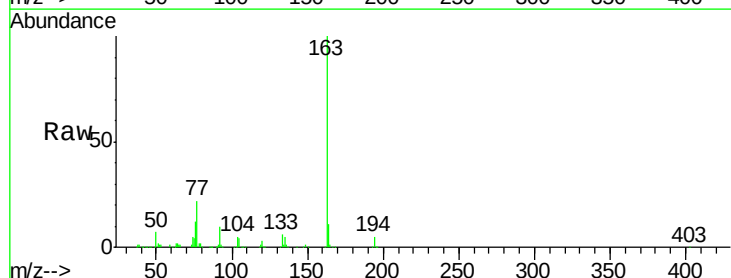
Tgt Ion:163 Resp: 489982

Ion Ratio Lower Upper

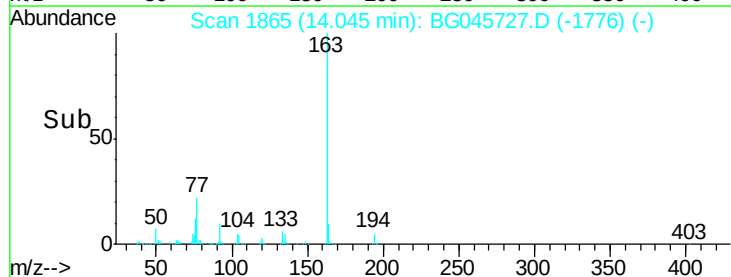
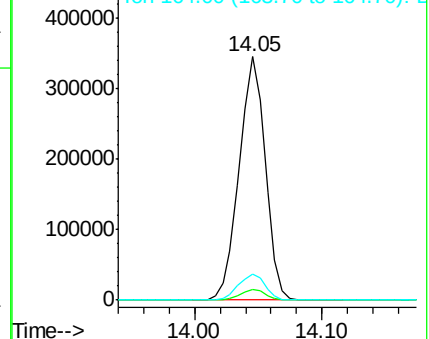
163 100

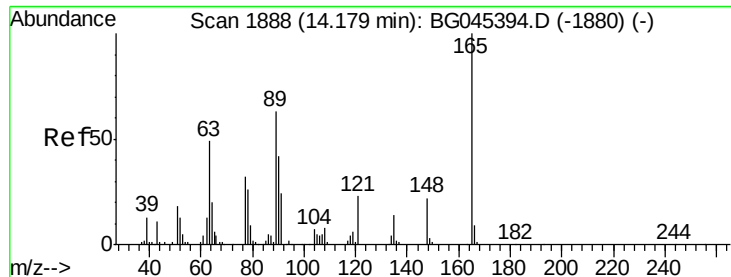
194 4.5 3.2 4.8

164 10.5 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

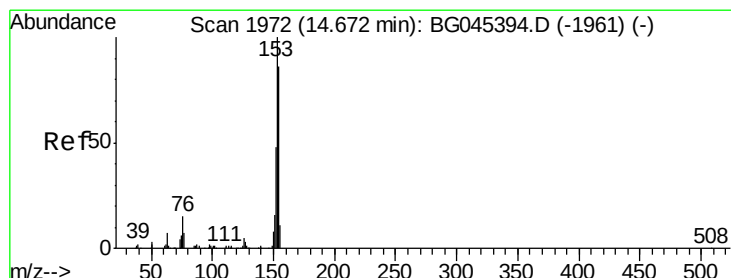
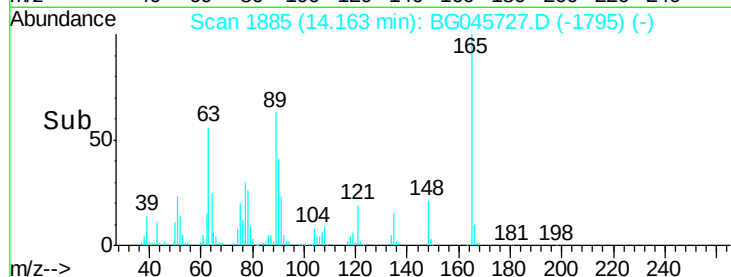
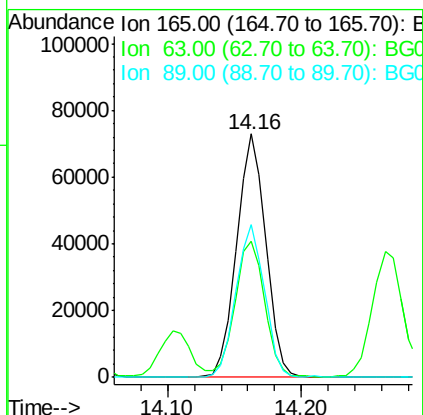
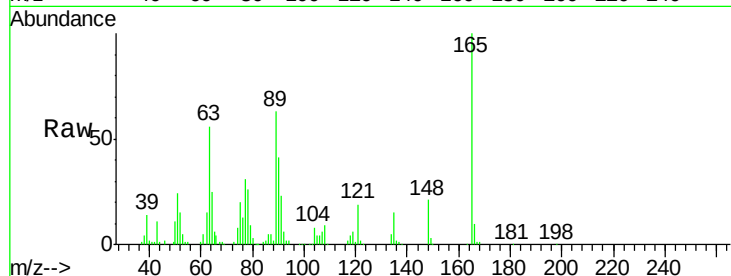




#51
2,6-Dinitrotoluene
Concen: 48.053 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

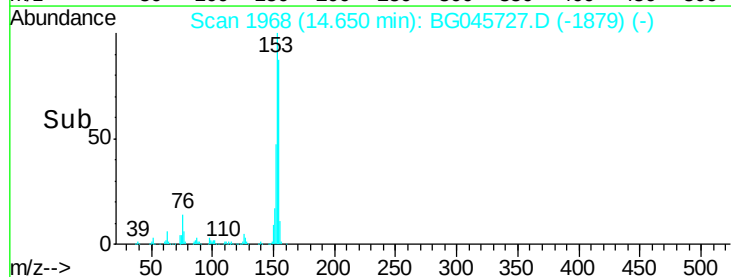
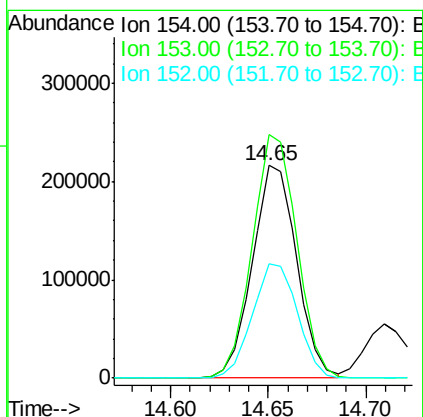
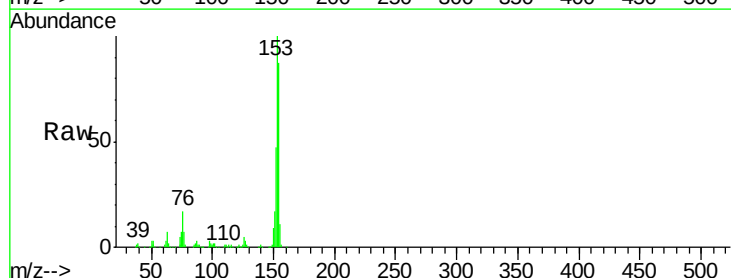
Instrument :
BNA_G
ClientSampleId :
PB129468BS

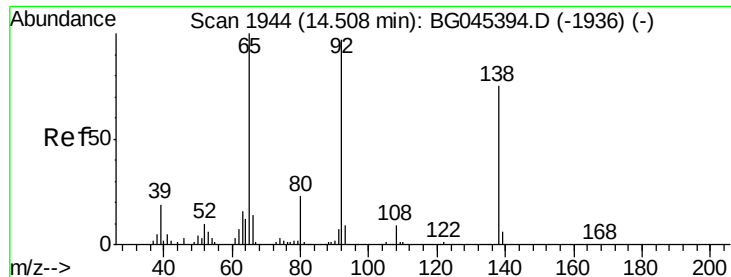
Tot Ion:165 Resp: 110058
Ion Ratio Lower Upper
165 100
63 56.1 45.0 67.4
89 62.8 50.2 75.4



#52
Acenaphthene
Concen: 42.851 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion:154 Resp: 340142
Ion Ratio Lower Upper
154 100
153 114.7 92.8 139.2
152 53.9 44.6 66.8

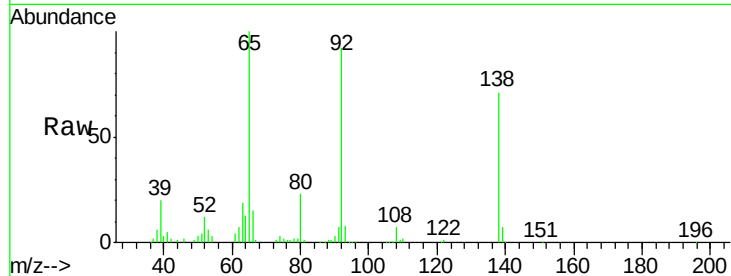




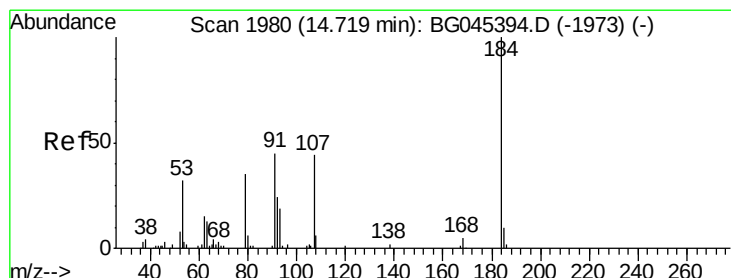
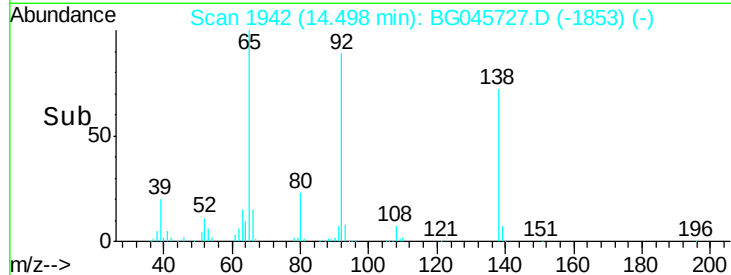
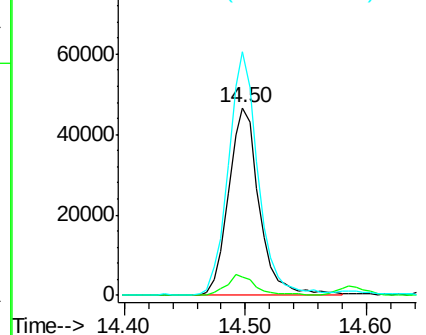
#53
3-Nitroaniline
Concen: 35.255 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion:138 Resp: 82082
Ion Ratio Lower Upper
138 100
108 10.0 9.8 14.6
92 129.7 103.0 154.4

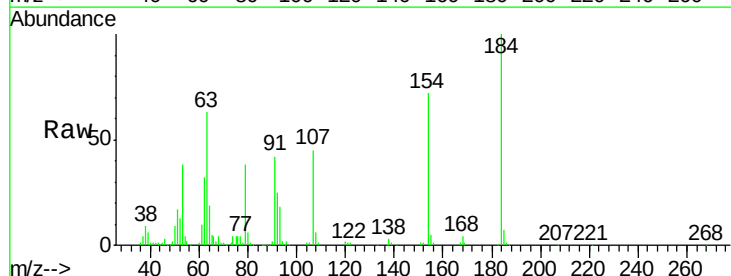


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

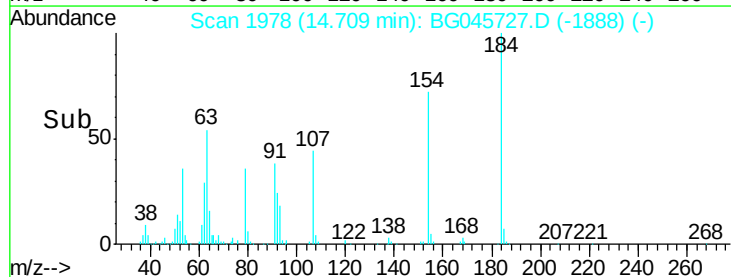
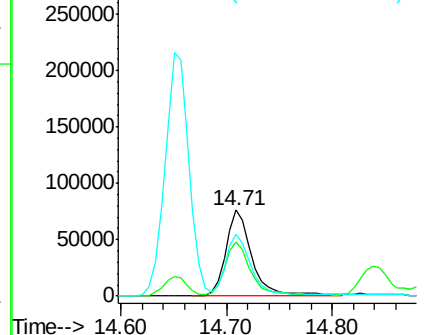


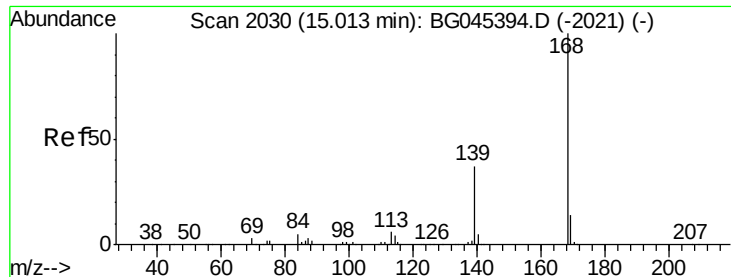
#54
2,4-Dinitrophenol
Concen: 87.064 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion:184 Resp: 131401
Ion Ratio Lower Upper
184 100
63 62.6 47.8 71.6
154 72.0 58.3 87.5



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

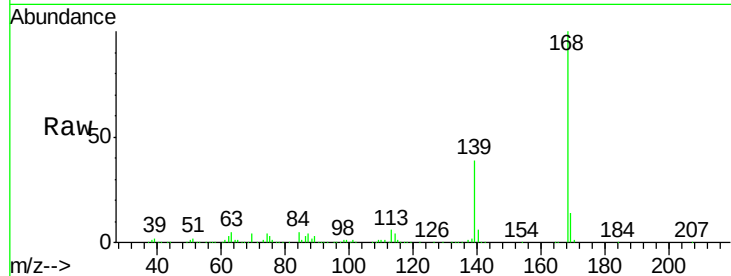




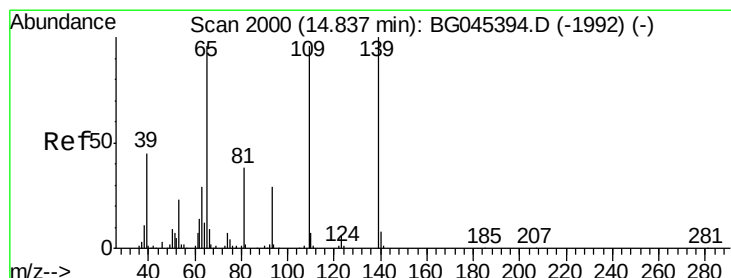
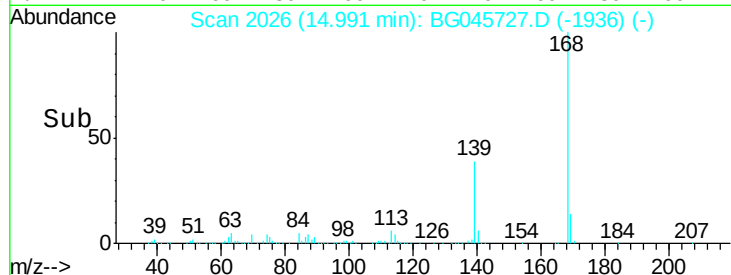
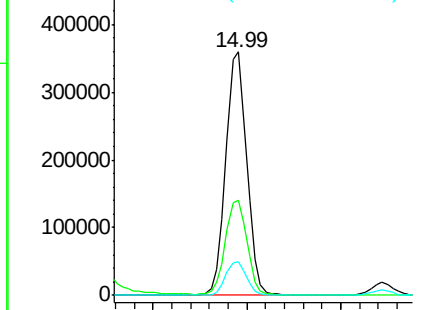
#55
Dibenzofuran
Concen: 47.596 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	29.9	44.9
169	13.8	10.9	16.3

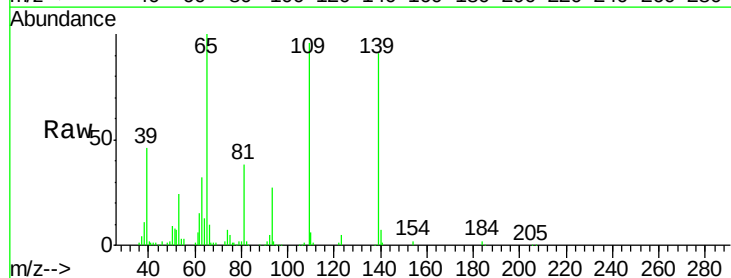


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

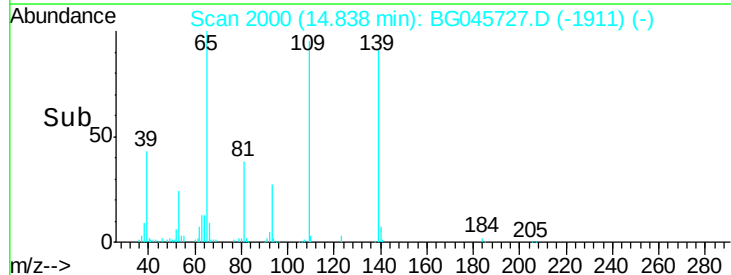
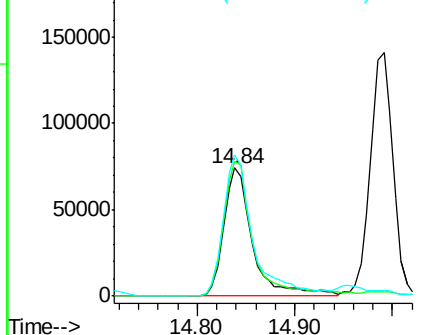


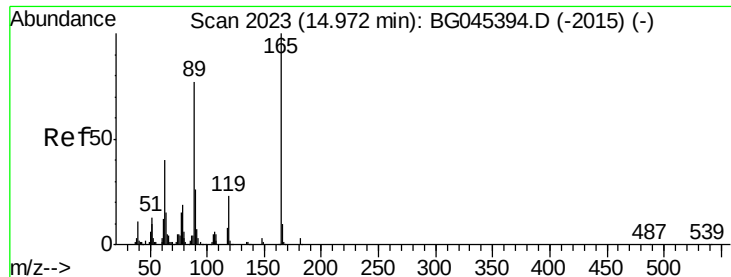
#56
4-Nitrophenol
Concen: 86.221 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.7	75.6	115.6
65	109.8	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): BGO





#57

2,4-Dinitrotoluene

Concen: 48.507 ng

RT: 14.96 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

Tot Ion:165 Resp: 160900

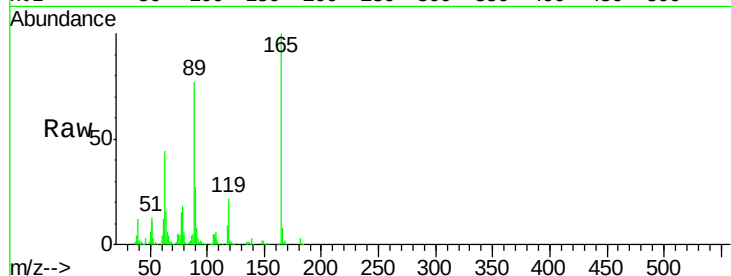
Ion Ratio Lower Upper

165 100

63 44.5 32.5 48.7

89 76.8 61.8 92.6

182 2.8 2.3 3.5

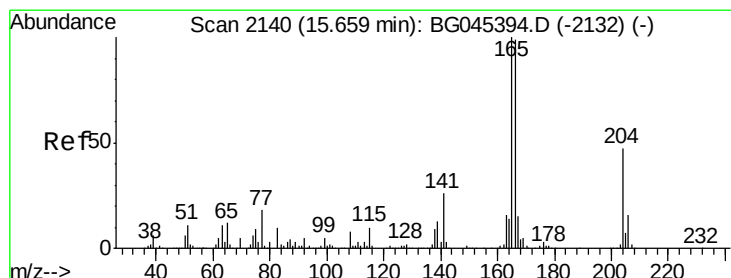
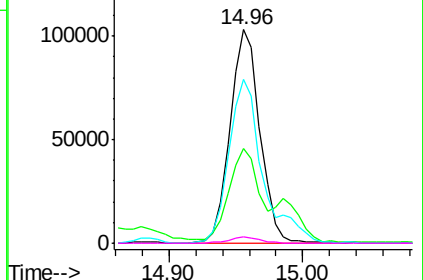
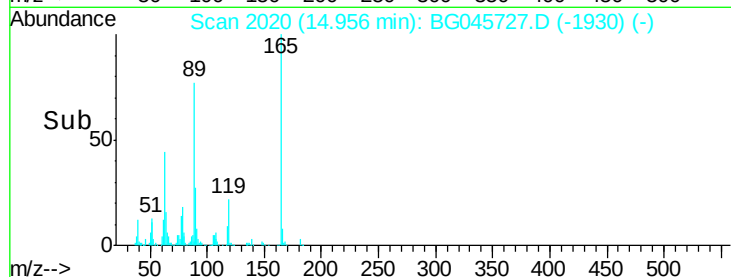


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 49.187 ng

RT: 15.64 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

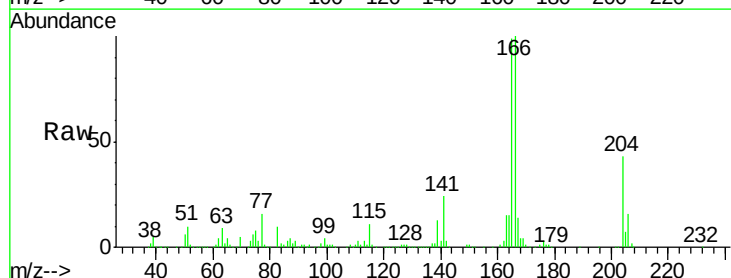
Tgt Ion:166 Resp: 476339

Ion Ratio Lower Upper

166 100

165 98.8 80.8 121.2

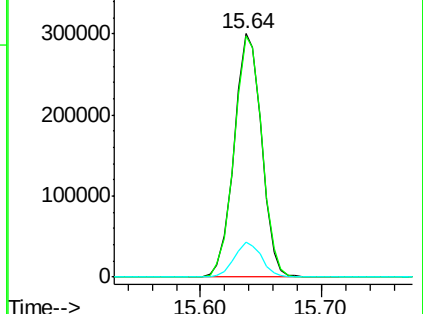
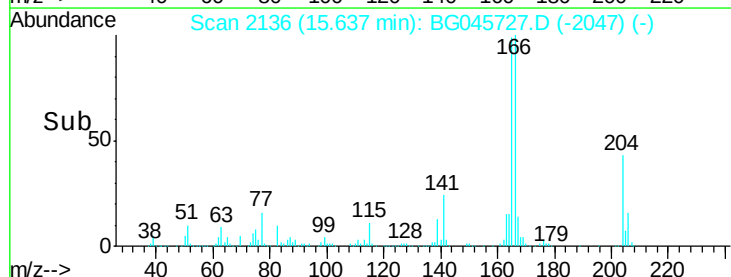
167 14.3 12.0 18.0

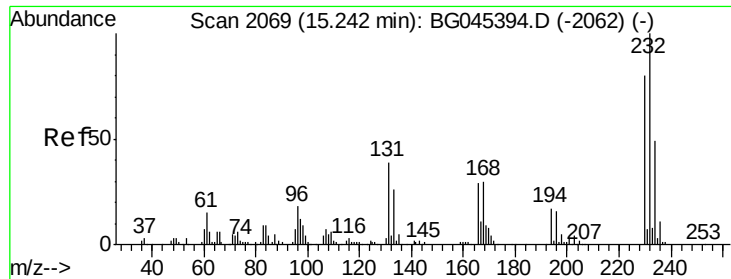


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

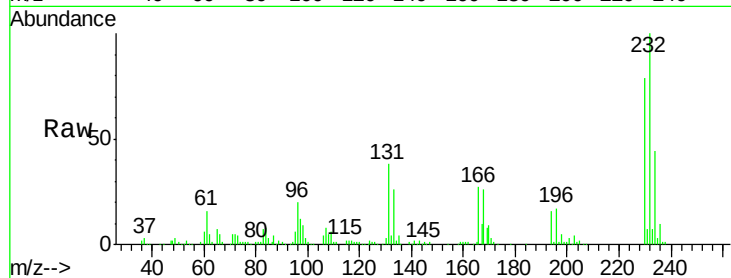




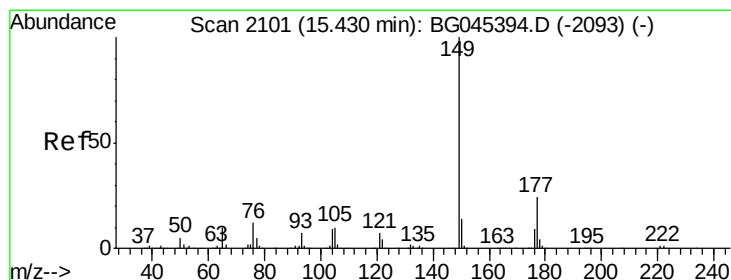
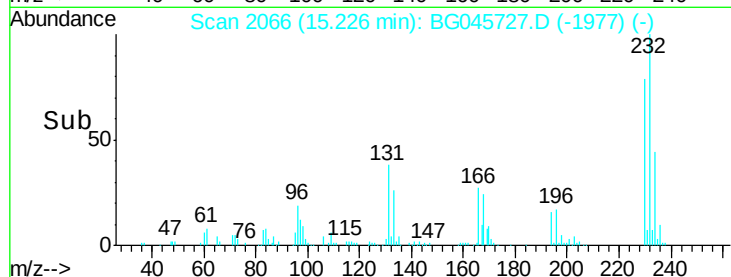
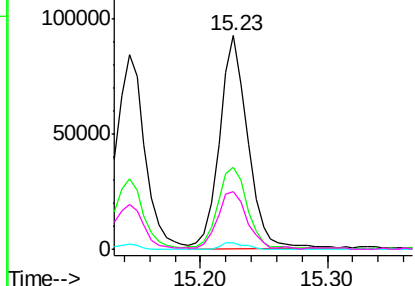
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.445 ng
RT: 15.23 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion:	232	Resp:	142709
Ion	Ratio	Lower	Upper
232	100		
131	40.4	33.7	50.5
130	2.6	2.1	3.1
166	28.4	23.2	34.8

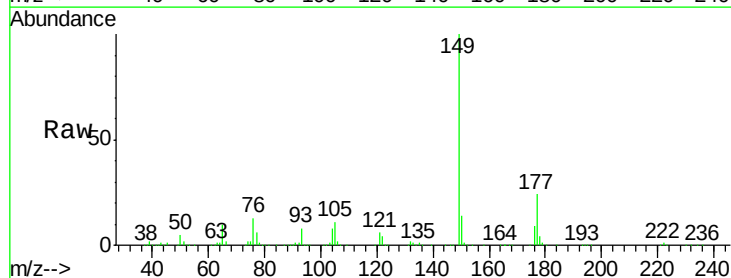


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

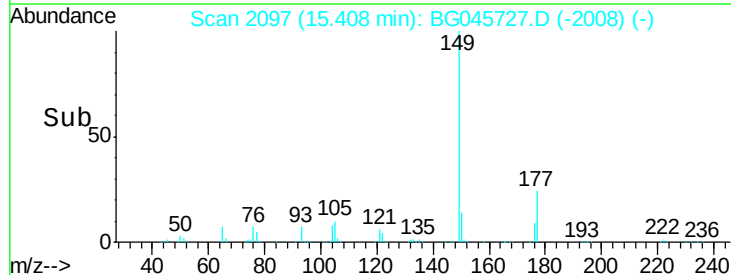
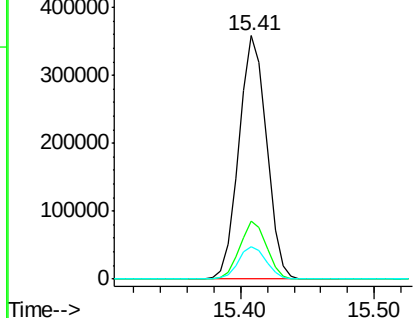


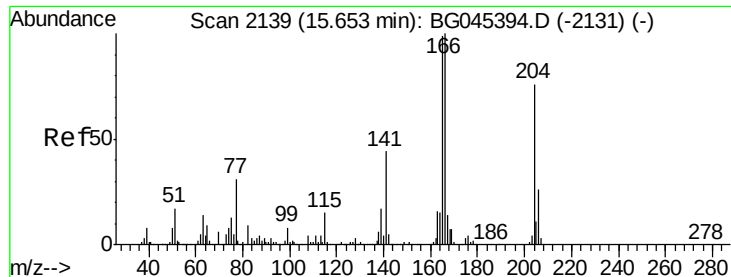
#60
Diethylphthalate
Concen: 48.556 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion:	149	Resp:	512969
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.0	28.4
150	13.5	11.4	17.0



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

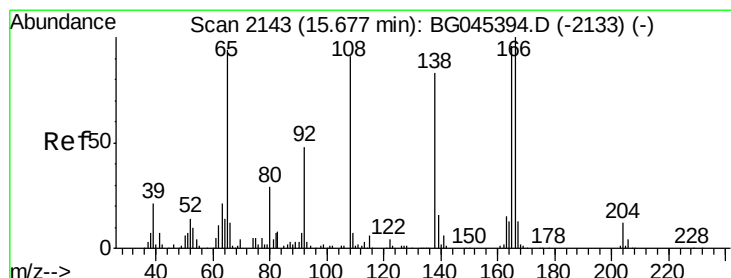
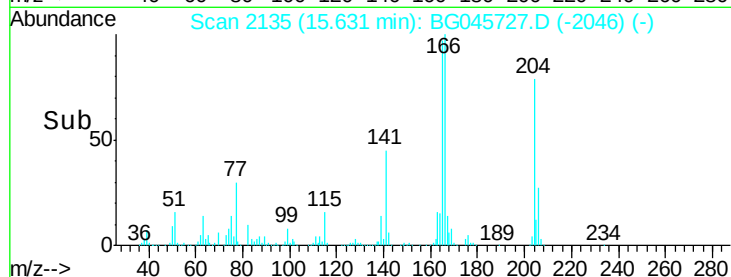
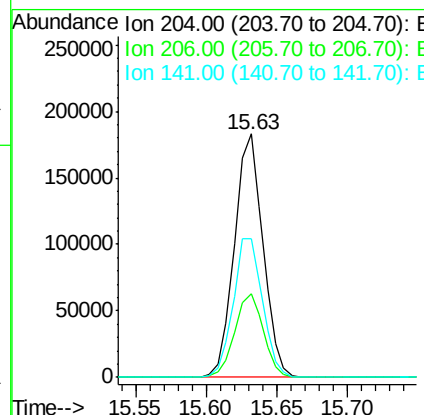
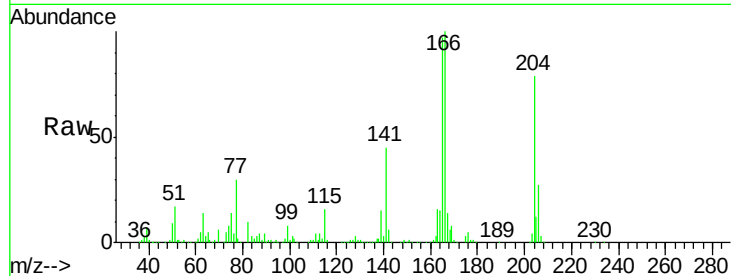




#61
4-Chlorophenyl-phenylether
Concen: 46.488 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

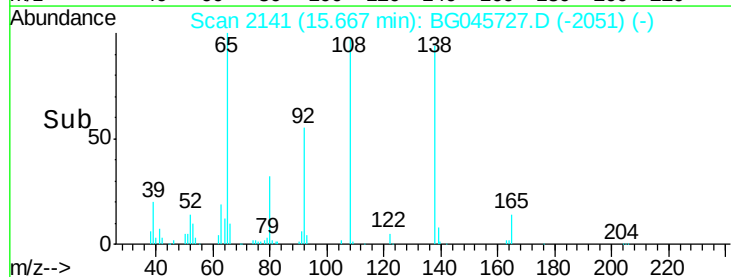
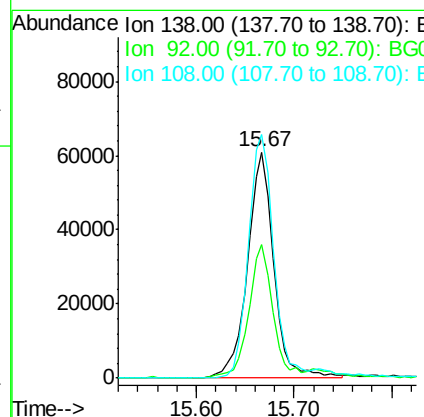
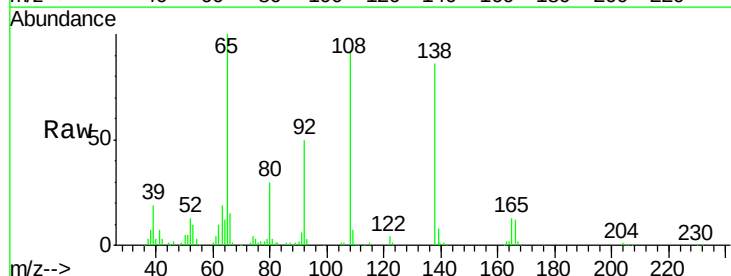
Instrument :
BNA_G
ClientSampleId :
PB129468BS

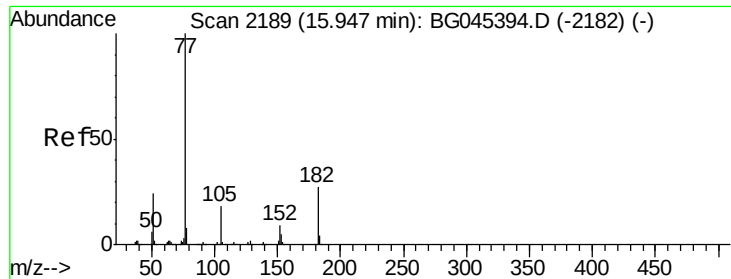
Tot Ion:204 Resp: 257618
Ion Ratio Lower Upper
204 100
206 34.3 27.3 40.9
141 57.0 45.9 68.9



#62
4-Nitroaniline
Concen: 46.952 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion:138 Resp: 114120
Ion Ratio Lower Upper
138 100
92 58.9 38.0 78.0
108 107.8 89.3 129.3

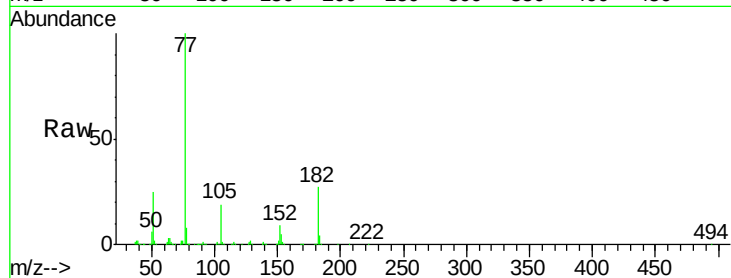




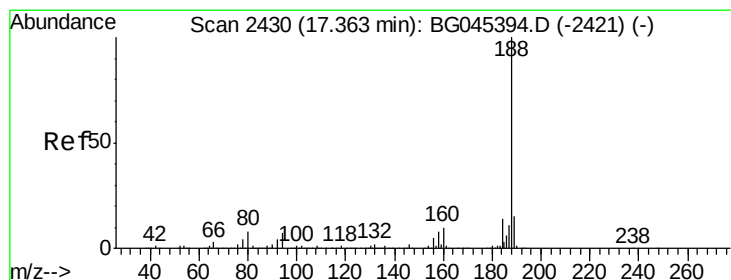
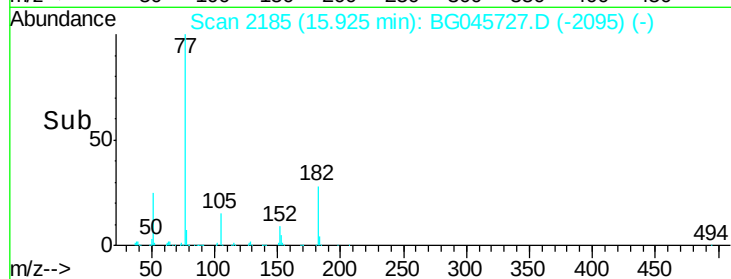
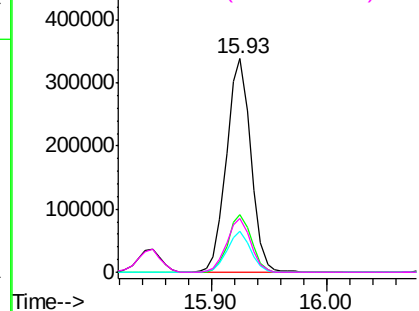
#63
Azobenzene
Concen: 49.829 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion: 77 Resp: 490848
Ion Ratio Lower Upper
77 100
182 26.8 6.5 46.5
105 19.0 0.0 37.9
51 25.2 4.1 44.1

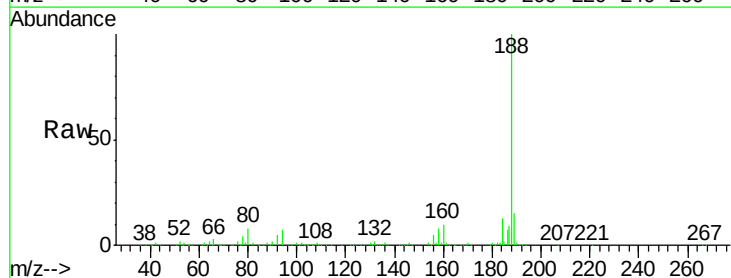


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

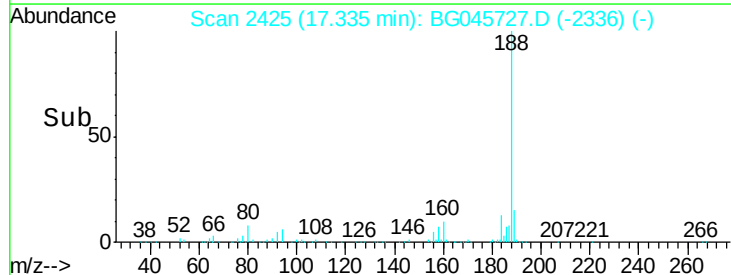
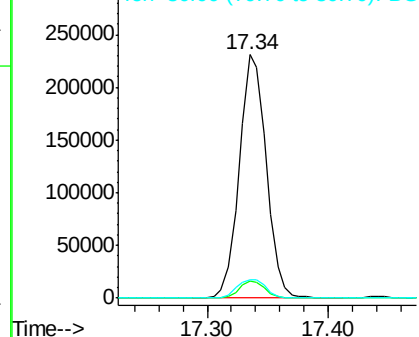


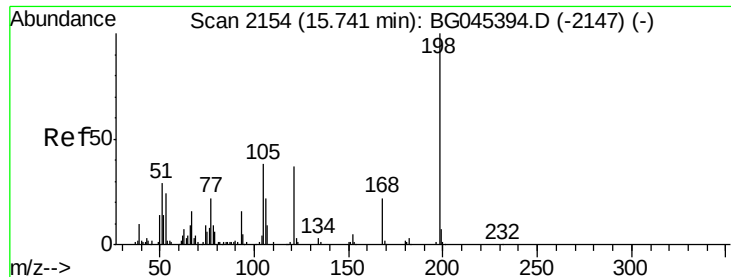
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion: 188 Resp: 360033
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 7.7 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 50.271 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

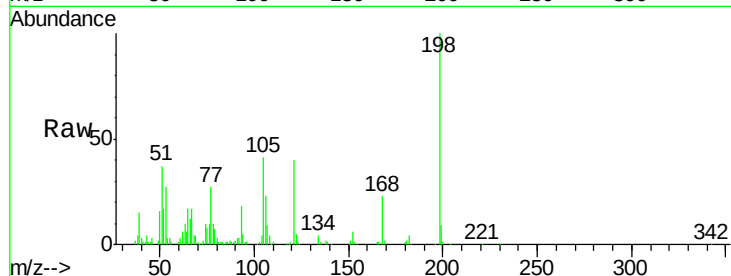
Tot Ion:198 Resp: 105410

Ion	Ratio	Lower	Upper
198	100		
51	37.5	10.0	50.0
105	40.9	18.9	58.9

198 100

51 37.5 10.0 50.0

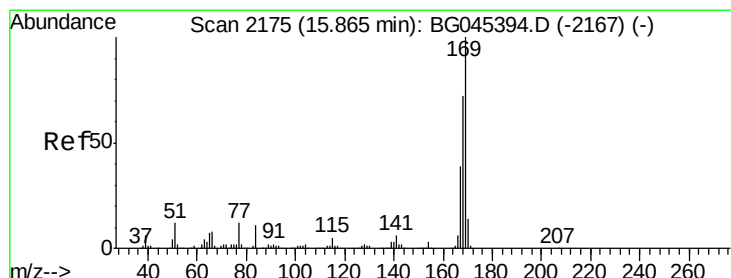
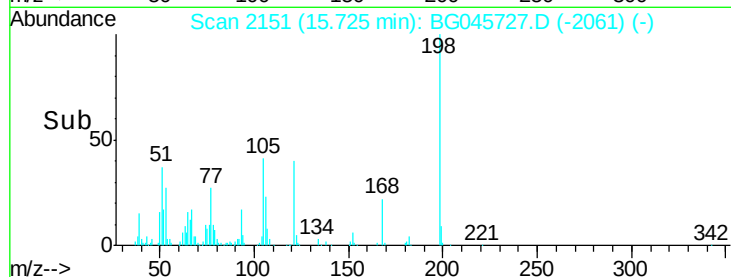
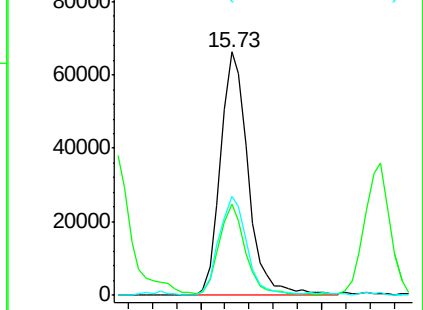
105 40.9 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.370 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

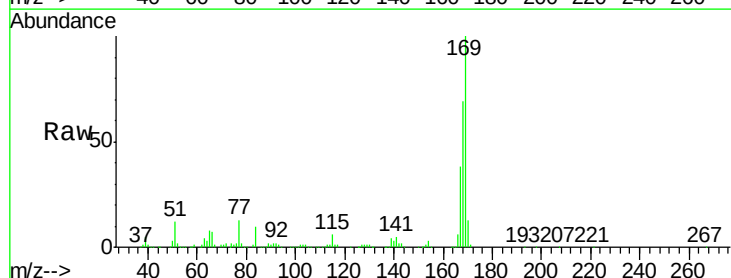
Tgt Ion:169 Resp: 426777

Ion	Ratio	Lower	Upper
169	100		
168	68.7	57.8	86.6
167	37.8	31.5	47.3

169 100

168 68.7 57.8 86.6

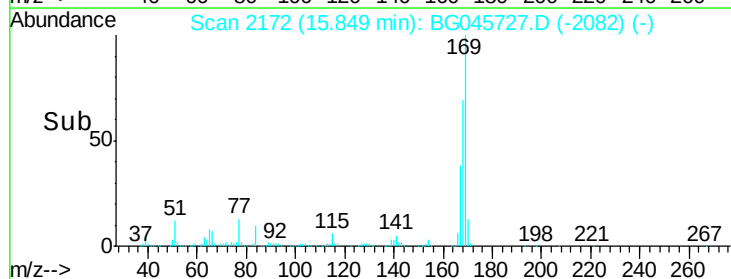
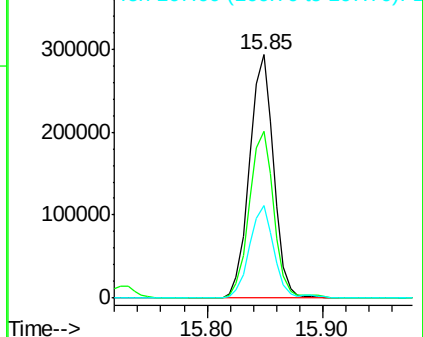
167 37.8 31.5 47.3

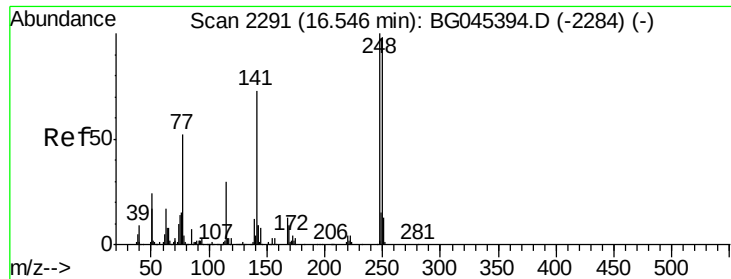


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

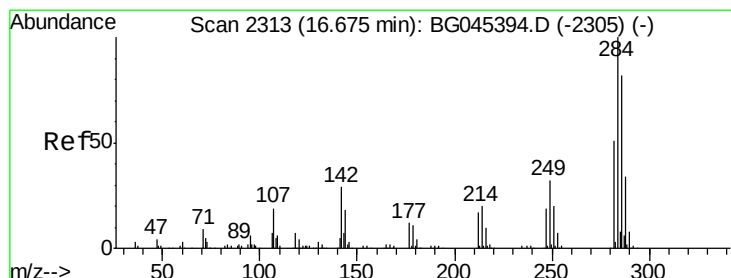
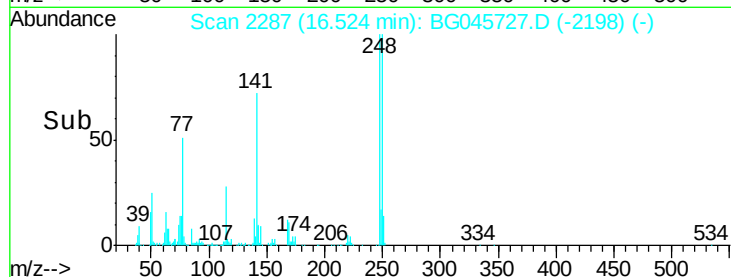
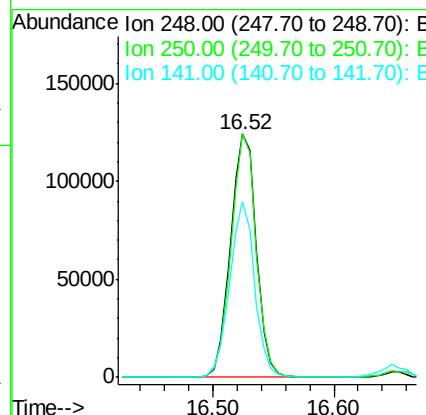
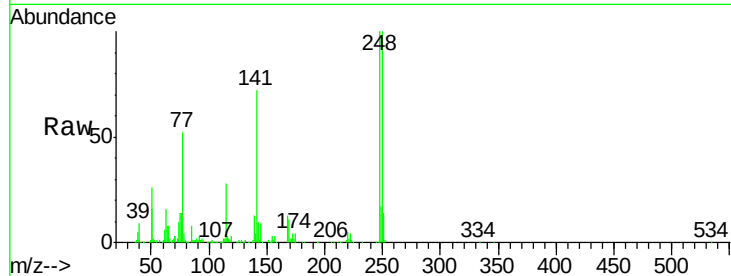




#67
 4-Bromophenyl-phenylether
 Concen: 47.163 ng
 RT: 16.52 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BG045727.D
 Acq: 11 Jun 2020 18:57

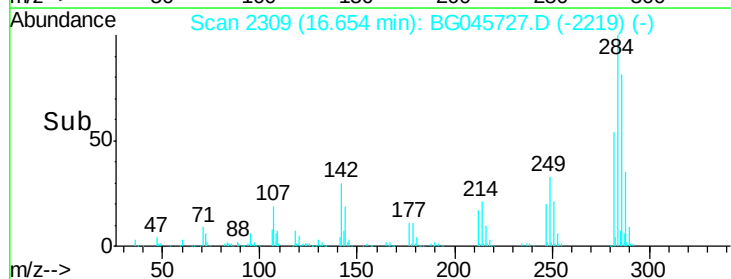
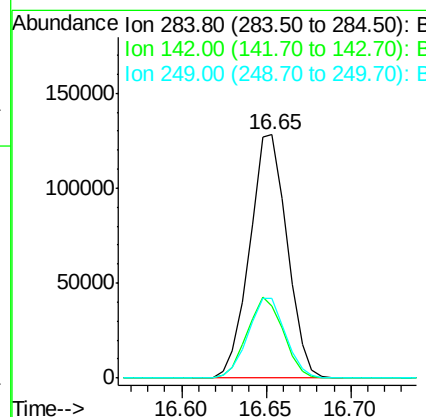
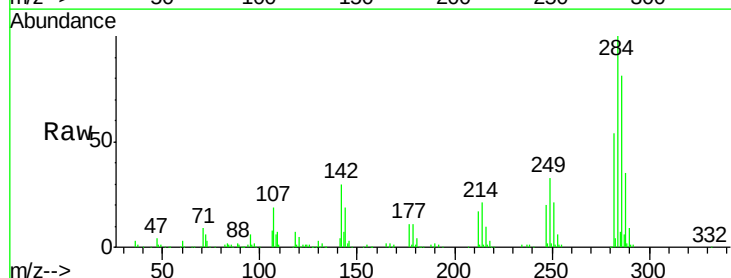
Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

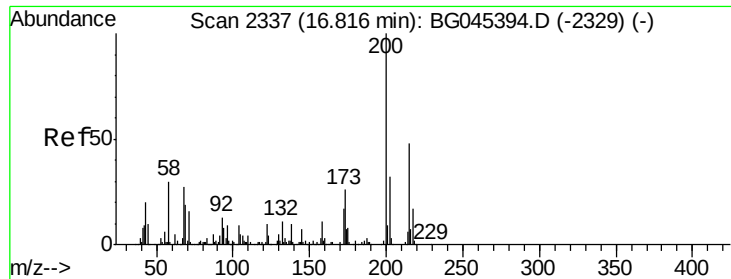
Tot Ion:248 Resp: 183868
 Ion Ratio Lower Upper
 248 100
 250 100.1 78.6 117.8
 141 72.3 58.2 87.2



#68
 Hexachlorobenzene
 Concen: 48.592 ng
 RT: 16.65 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG045727.D
 Acq: 11 Jun 2020 18:57

Tgt Ion:284 Resp: 198137
 Ion Ratio Lower Upper
 284 100
 142 29.8 23.0 34.6
 249 32.9 25.8 38.6

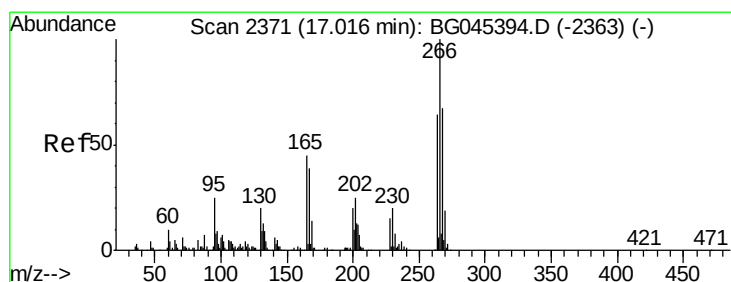
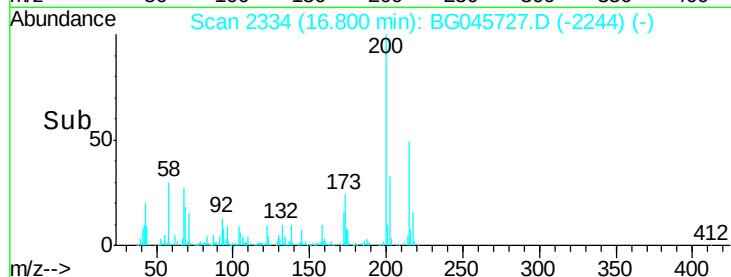
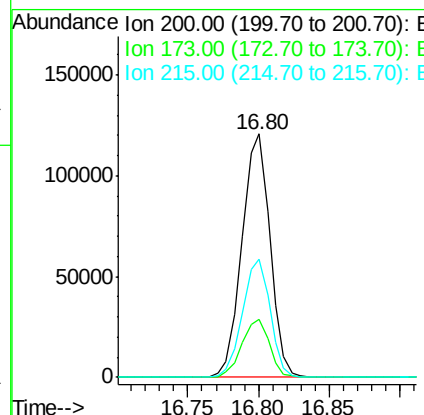
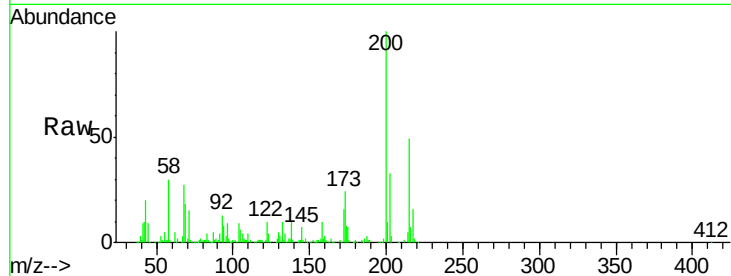




#69
Atrazine
Concen: 47.142 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

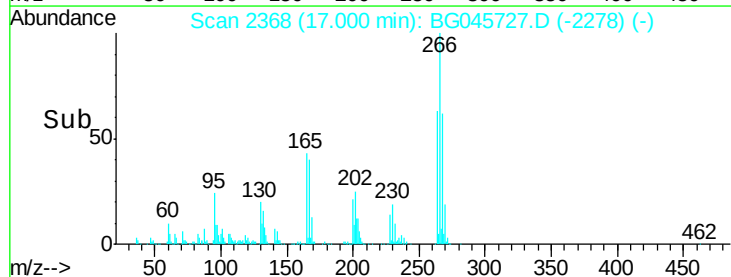
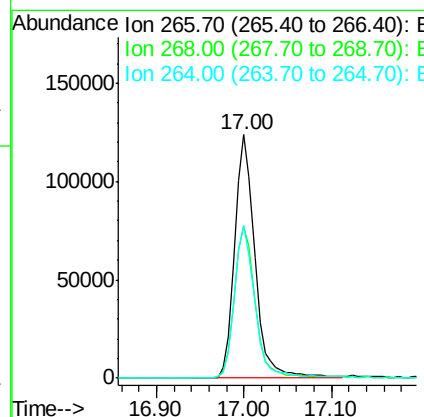
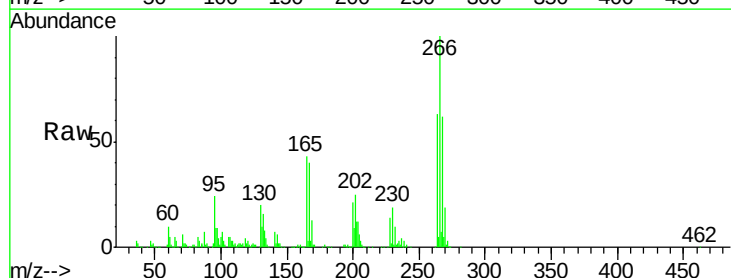
Instrument :
BNA_G
ClientSampleId :
PB129468BS

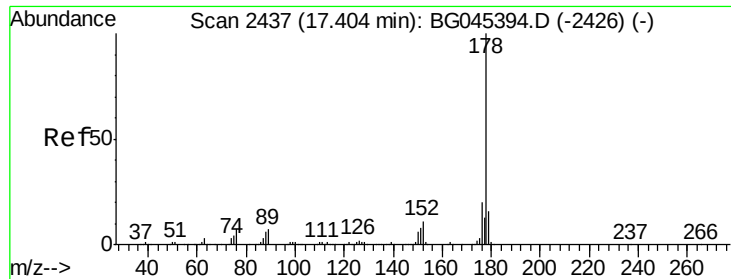
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	5.5	45.5
215	48.8	28.2	68.2



#70
Pentachlorophenol
Concen: 91.826 ng
RT: 17.00 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	53.2	79.8
264	62.7	51.0	76.4

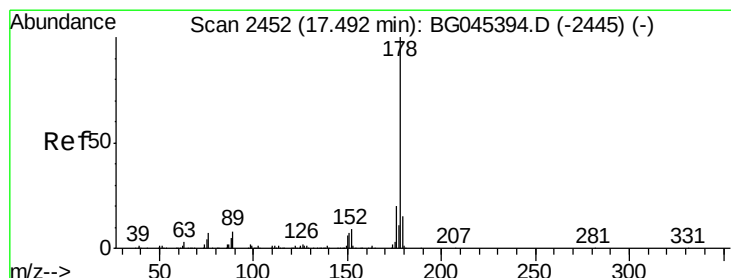
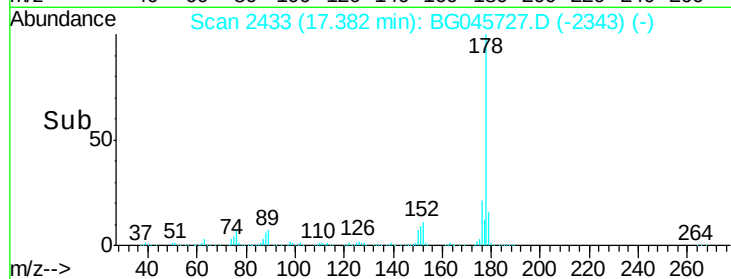
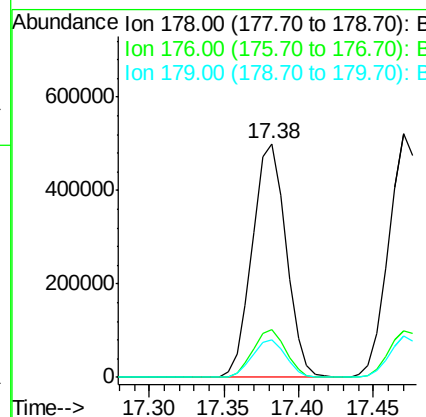
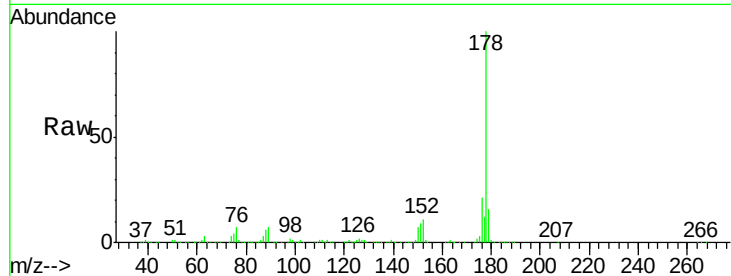




#71
Phenanthrene
Concen: 49.919 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

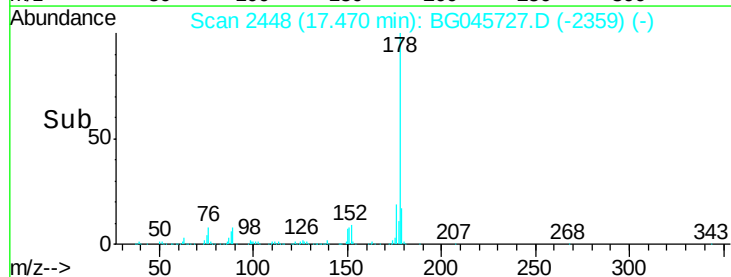
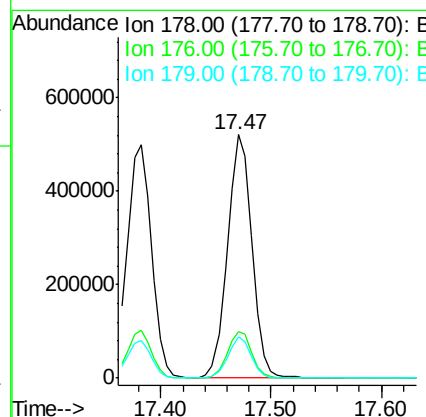
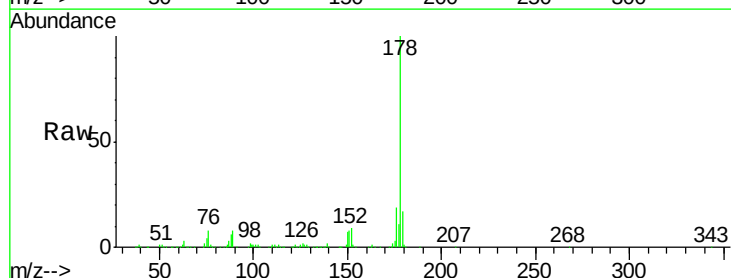
Instrument :
BNA_G
ClientSampleId :
PB129468BS

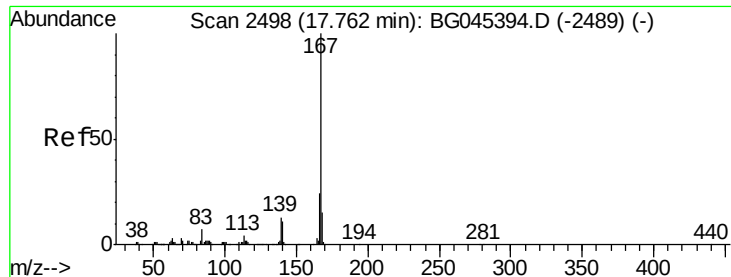
Tot Ion:178 Resp: 784592
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.2 13.1 19.7



#72
Anthracene
Concen: 50.934 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion:178 Resp: 803945
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 17.2 12.2 18.4





#73

Carbazole

Concen: 48.328 ng

RT: 17.75 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

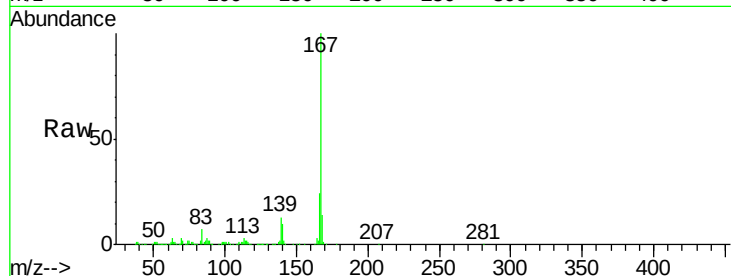
Tot Ion:167 Resp: 743560

Ion Ratio Lower Upper

167 100

166 24.3 19.2 28.8

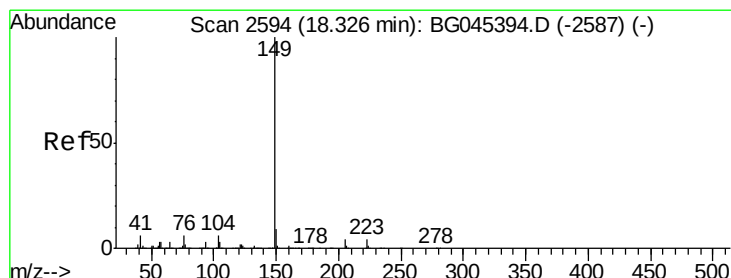
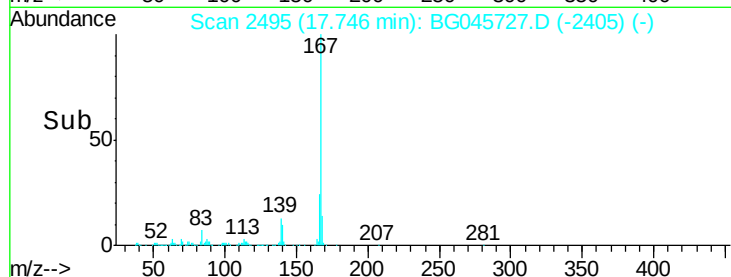
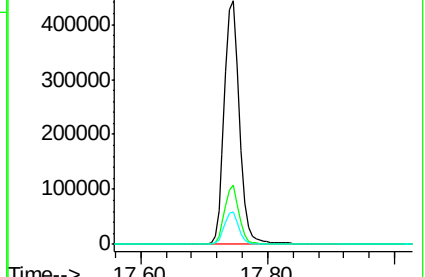
139 13.4 10.6 16.0



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: 48.352 ng

RT: 18.30 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

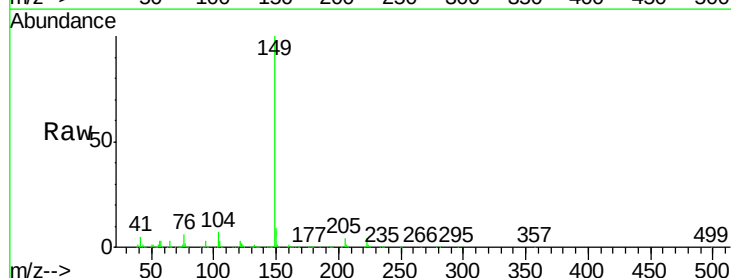
Tgt Ion:149 Resp: 892892

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

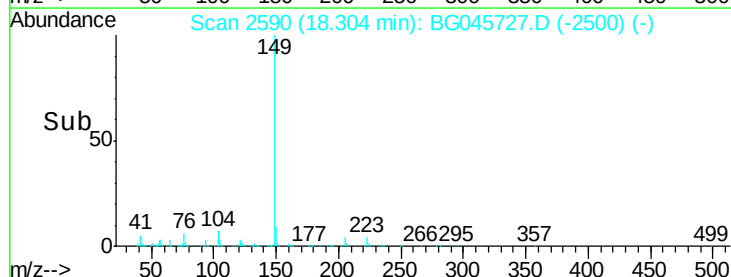
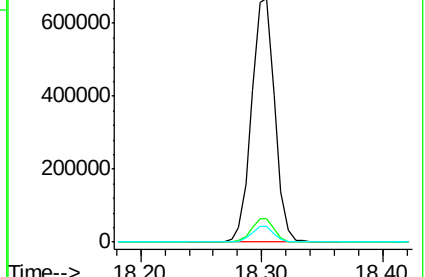
104 6.5 5.0 7.4

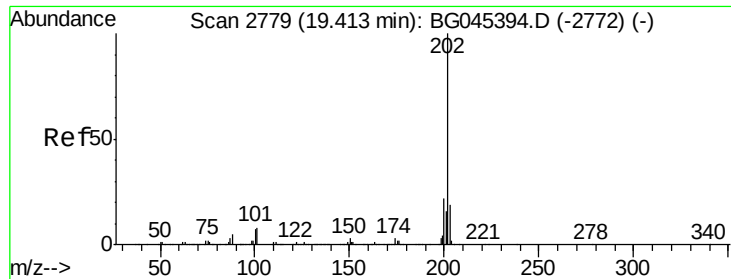


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.162 ng

RT: 19.39 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

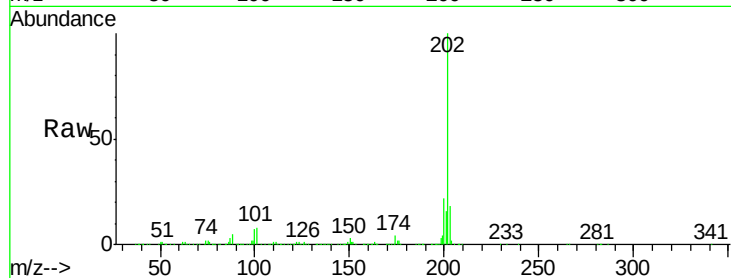
Tot Ion:202 Resp: 982821

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.3

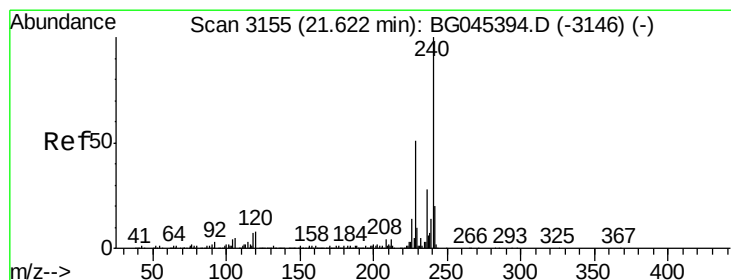
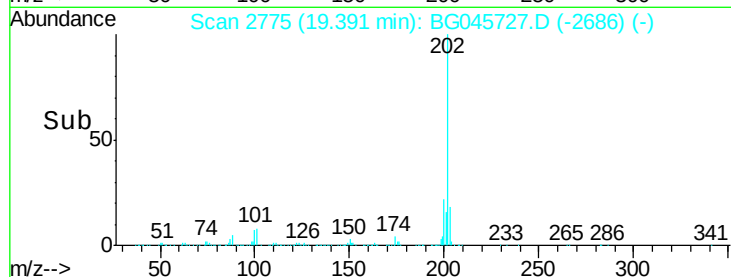
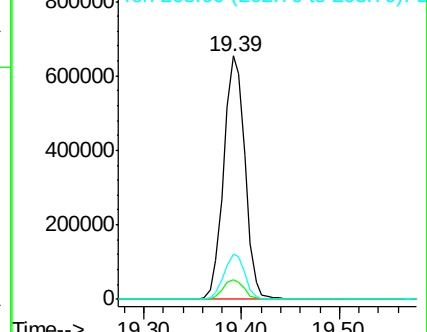
203 18.4 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

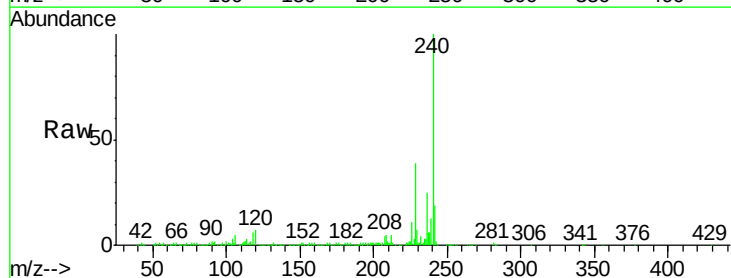
Tgt Ion:240 Resp: 325160

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

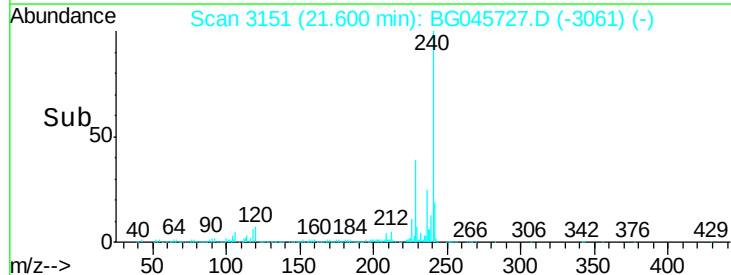
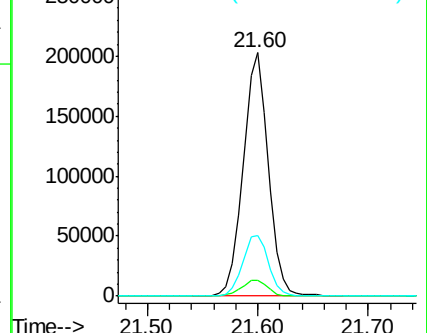
236 24.8 22.3 33.5

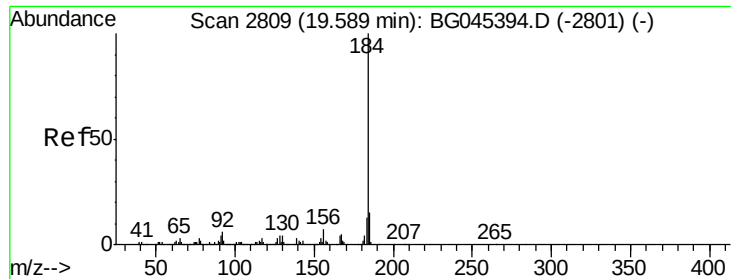


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.210 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

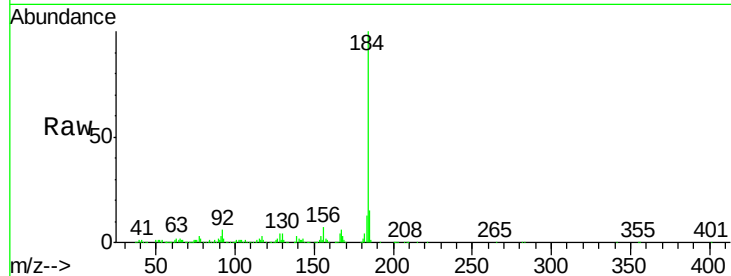
Tot Ion:184 Resp: 522454

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

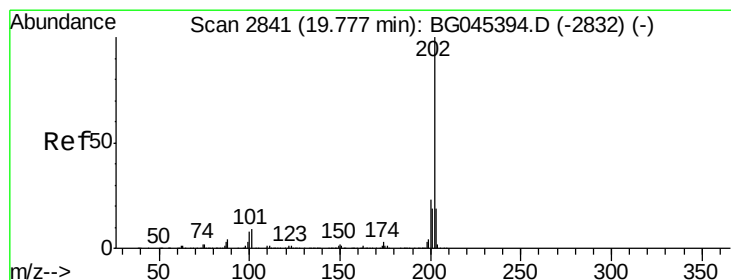
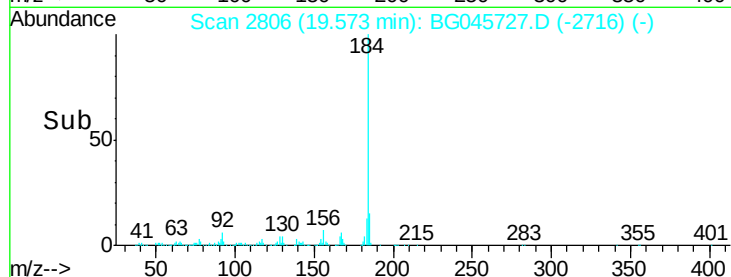
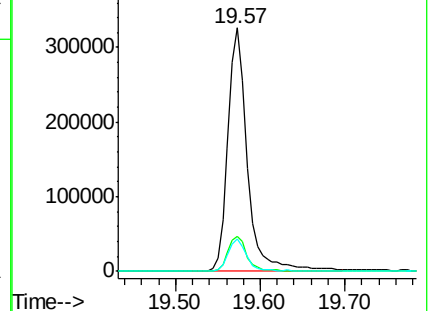
183 13.2 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.636 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

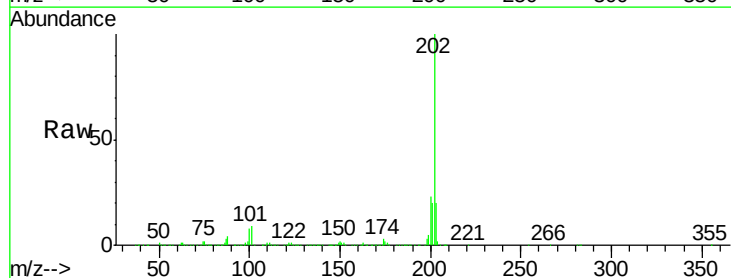
Tgt Ion:202 Resp: 957103

Ion Ratio Lower Upper

202 100

200 22.9 18.2 27.2

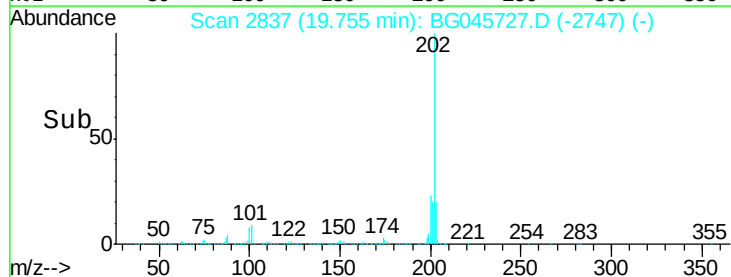
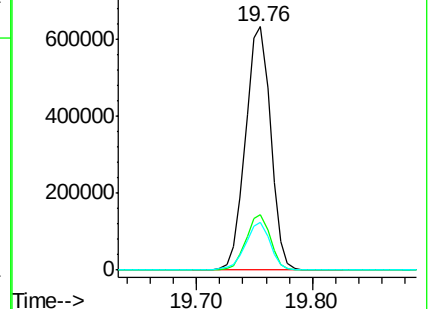
203 19.6 15.1 22.7

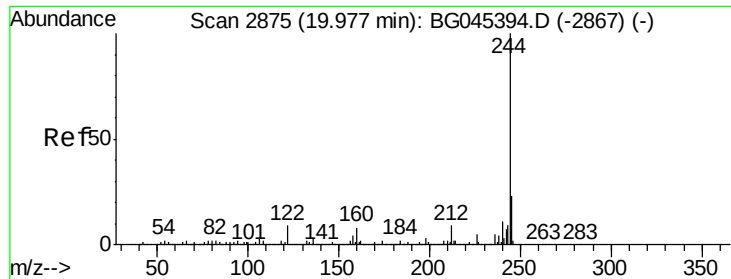


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 105.239 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

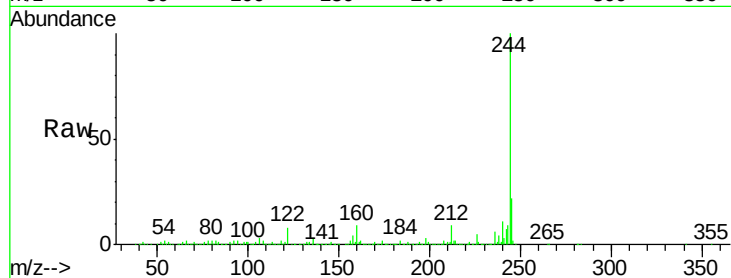
Tot Ion:244 Resp: 1467199

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.0

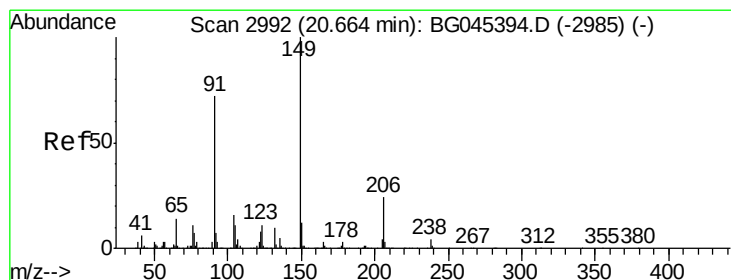
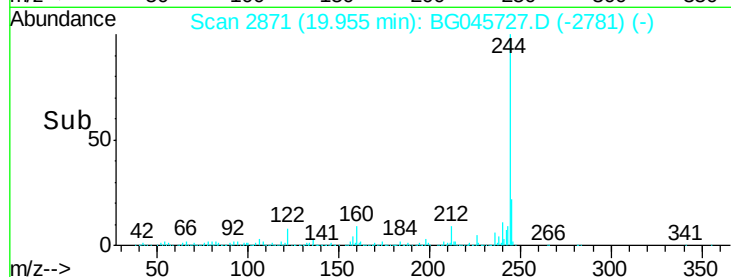
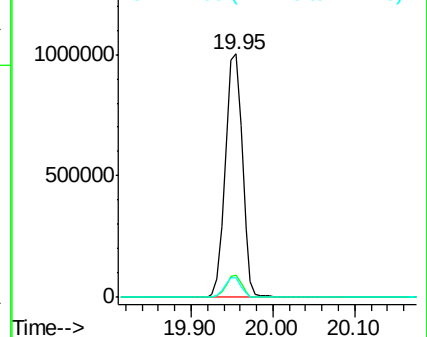
122 8.2 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.507 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

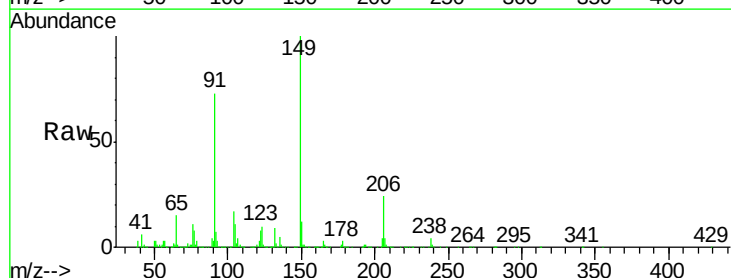
Tgt Ion:149 Resp: 380083

Ion Ratio Lower Upper

149 100

91 73.2 57.8 86.6

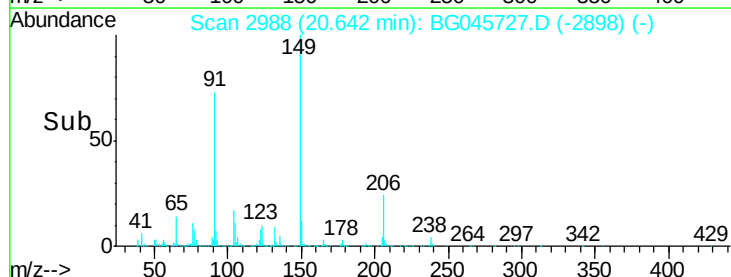
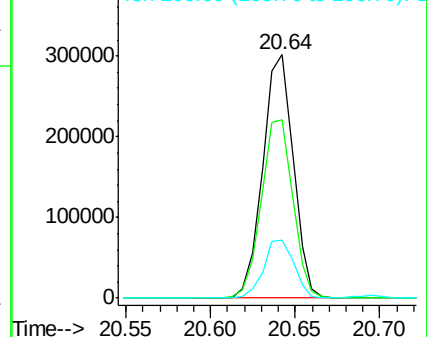
206 23.7 19.1 28.7

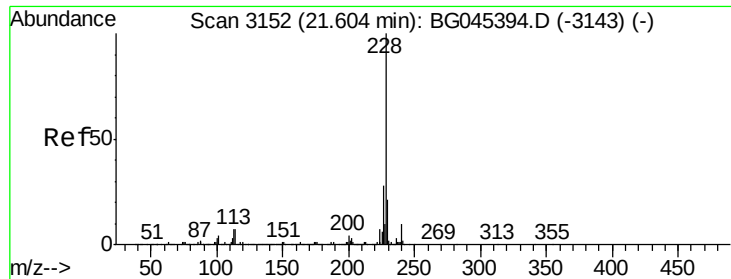


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.497 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

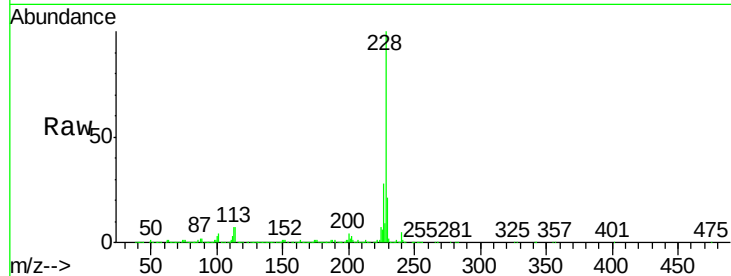
Tot Ion:228 Resp: 896564

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

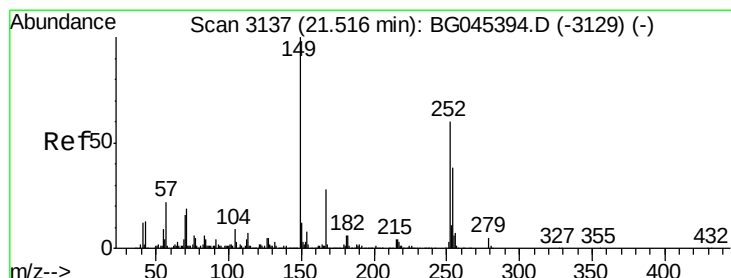
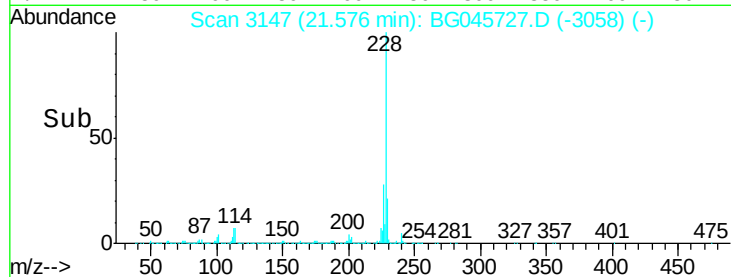
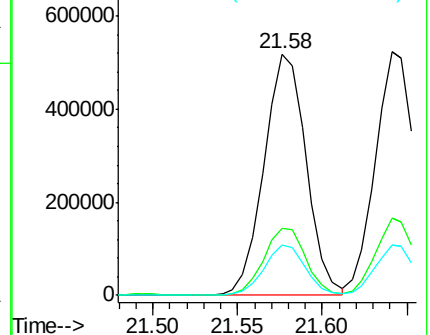
229 20.9 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.564 ng

RT: 21.49 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

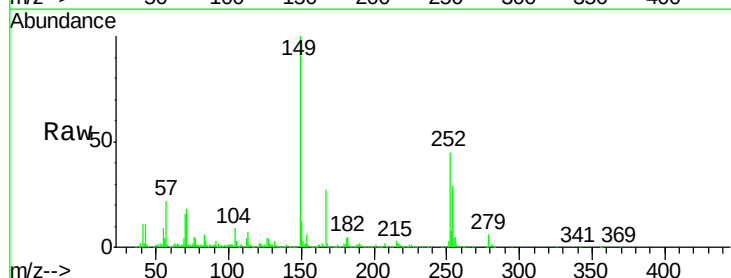
Tgt Ion:252 Resp: 281114

Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

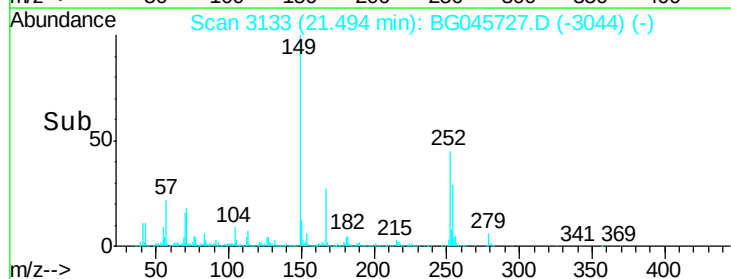
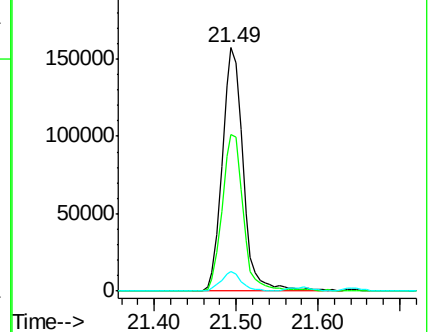
126 8.0 6.6 10.0

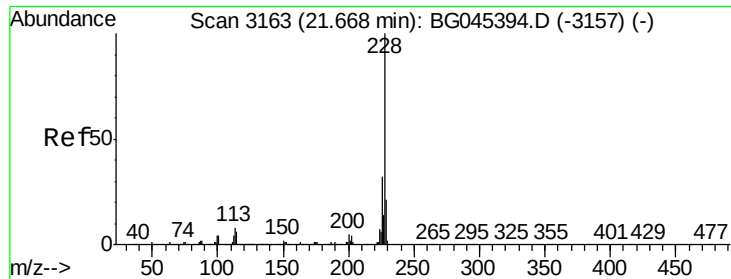


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.377 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

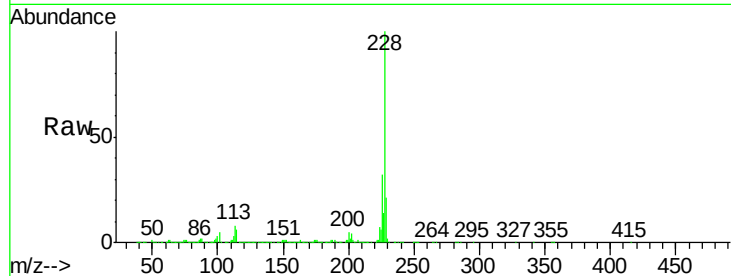
Tot Ion:228 Resp: 859995

Ion Ratio Lower Upper

228 100

226 31.6 25.2 37.8

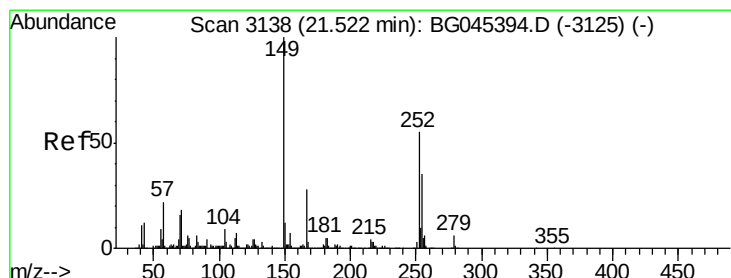
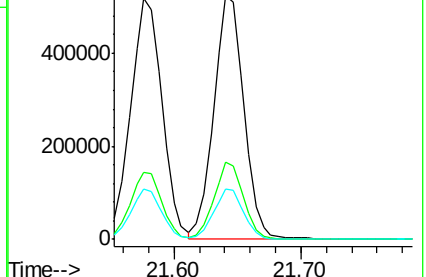
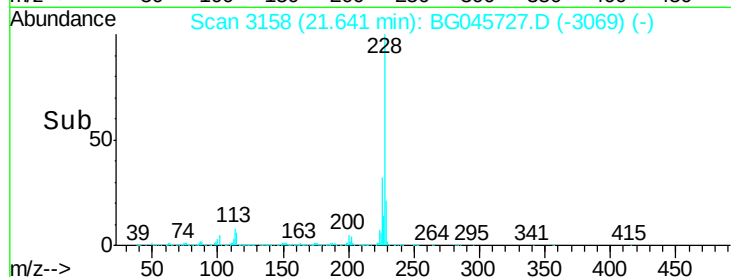
229 20.8 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.661 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

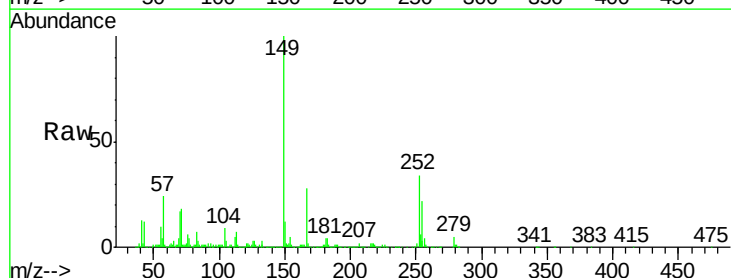
Tgt Ion:149 Resp: 535163

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

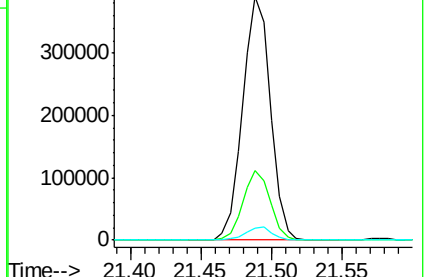
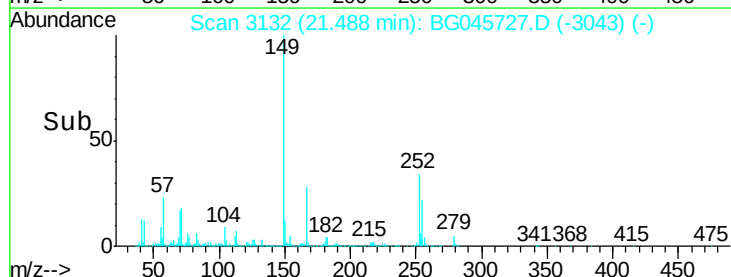
279 5.0 4.7 7.1

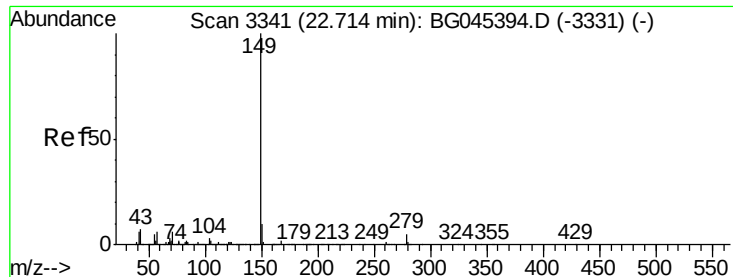


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

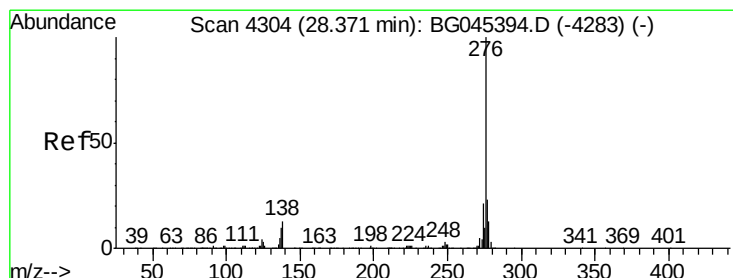
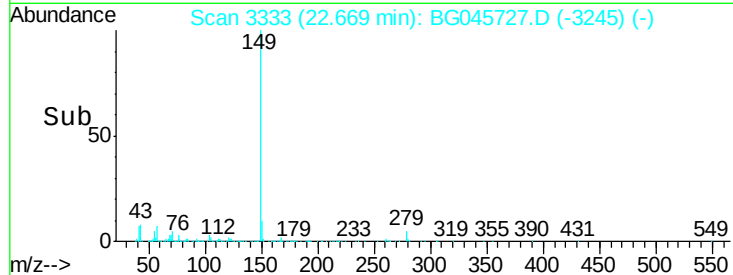
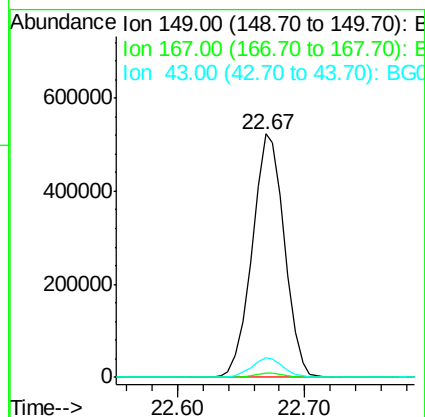
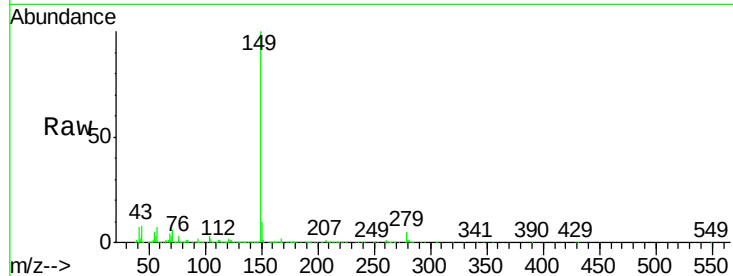




#85
Di-n-octyl phthalate
Concen: 48.758 ng
RT: 22.67 min Scan# 3333
Delta R.T. -0.02 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

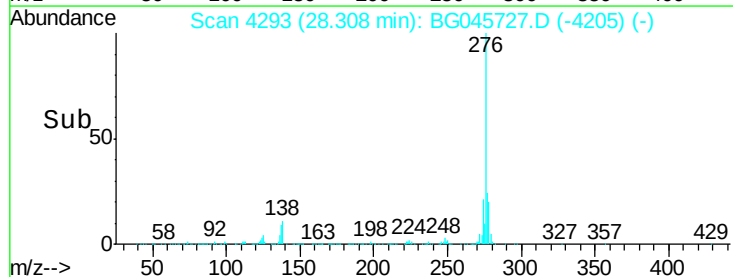
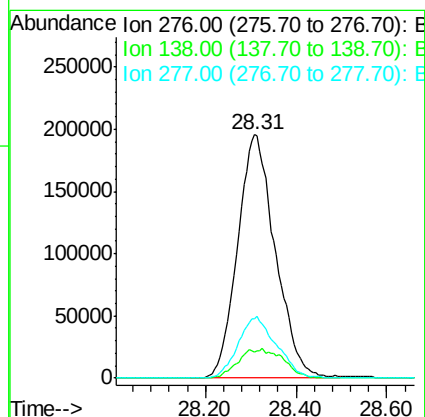
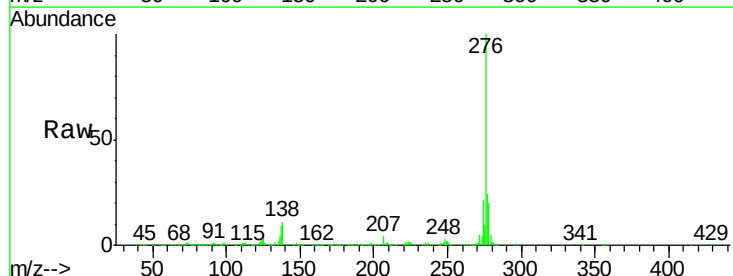
Instrument :
BNA_G
ClientSampleId :
PB129468BS

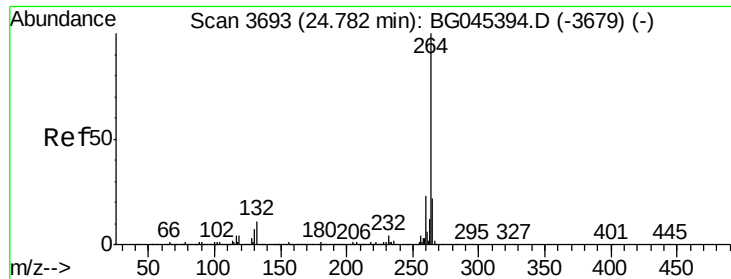
Tot Ion:149 Resp: 920974
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 7.7 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.564 ng
RT: 28.31 min Scan# 4293
Delta R.T. -0.02 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion:276 Resp: 1128853
Ion Ratio Lower Upper
276 100
138 5.7 8.6 12.8#
277 25.7 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

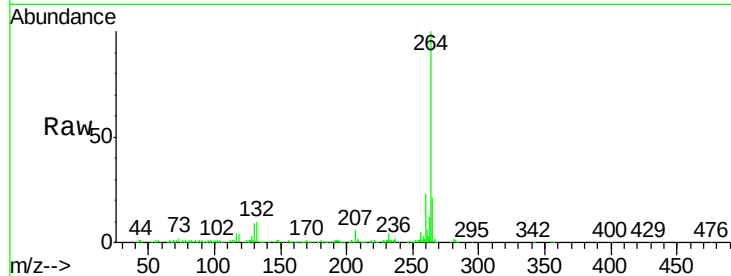
Tot Ion:264 Resp: 357714

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

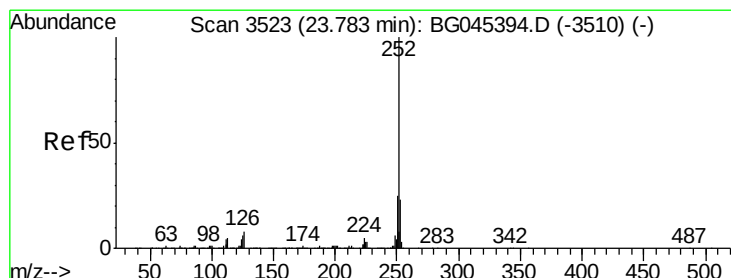
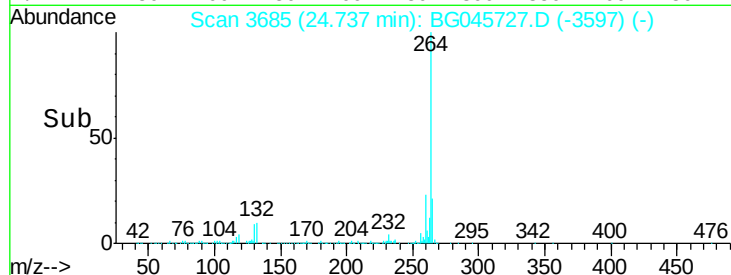
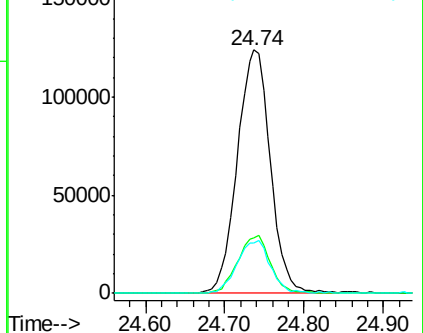
265 20.8 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.667 ng

RT: 23.74 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

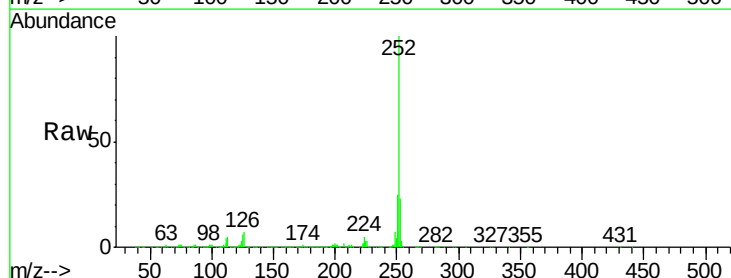
Tgt Ion:252 Resp: 972026

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

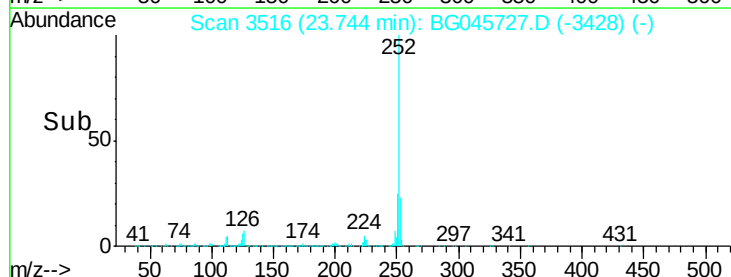
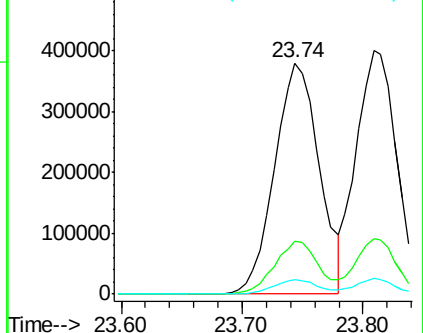
125 6.1 5.0 7.6

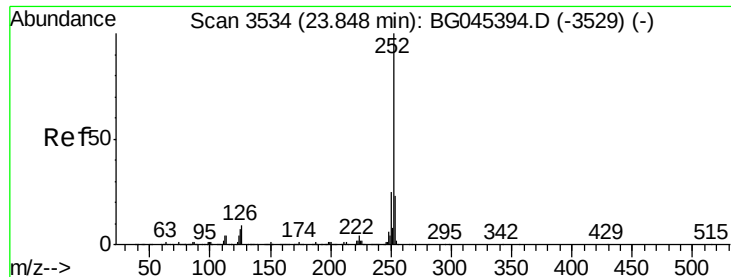


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.817 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.02 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

Instrument :

BNA_G

ClientSampleId :

PB129468BS

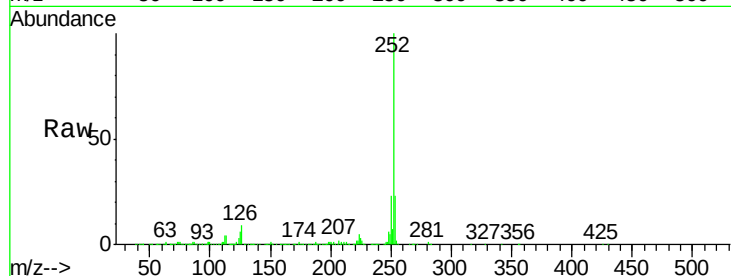
Tot Ion:252 Resp: 933925

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

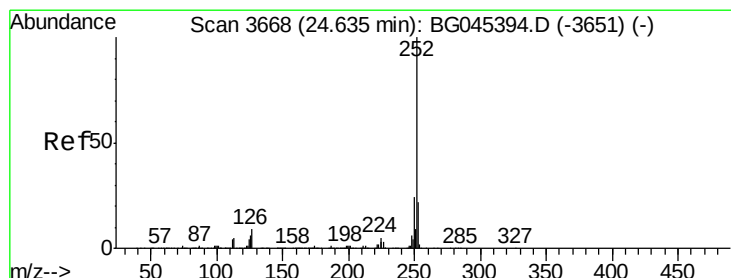
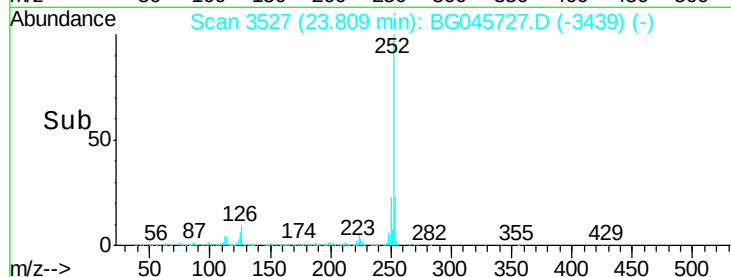
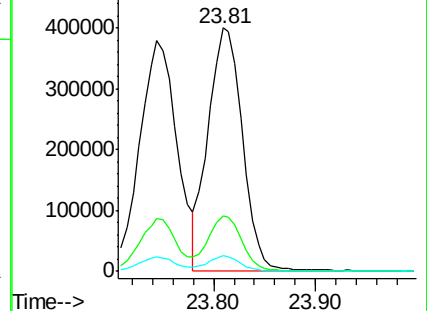
125 6.4 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.240 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.02 min

Lab File: BG045727.D

Acq: 11 Jun 2020 18:57

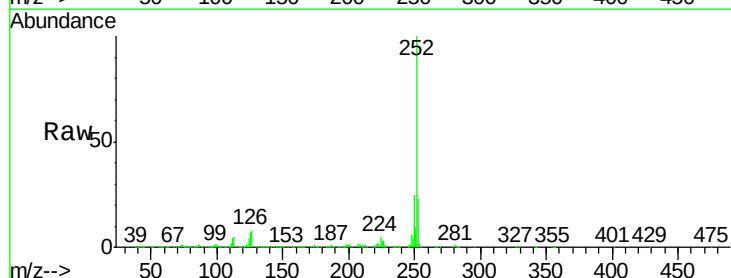
Tgt Ion:252 Resp: 897641

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

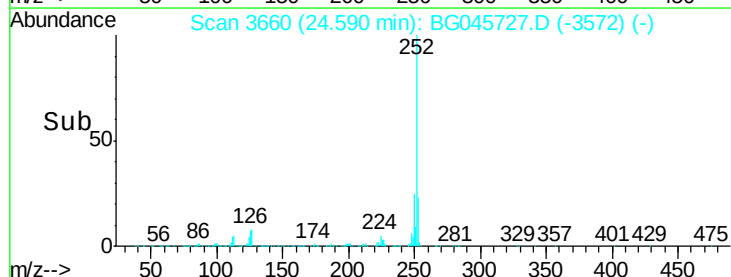
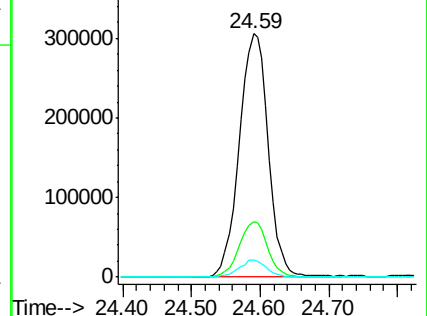
125 7.0 5.0 7.6

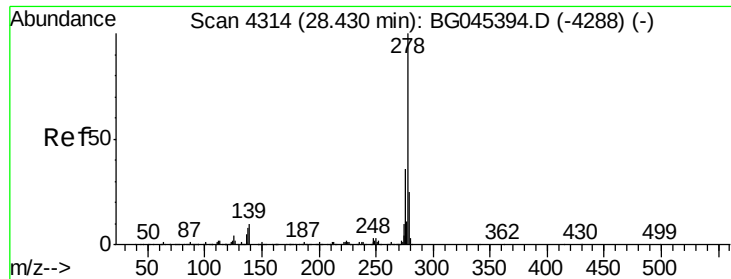


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

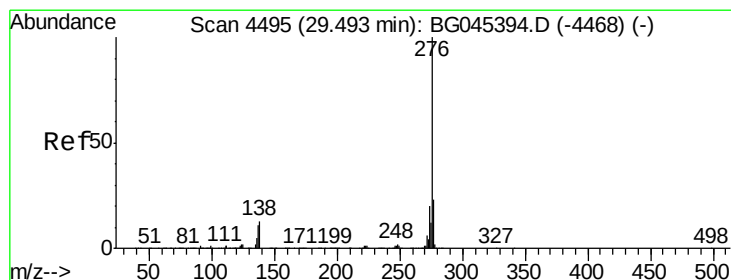
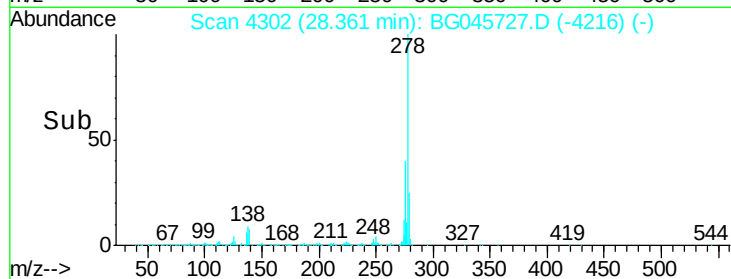
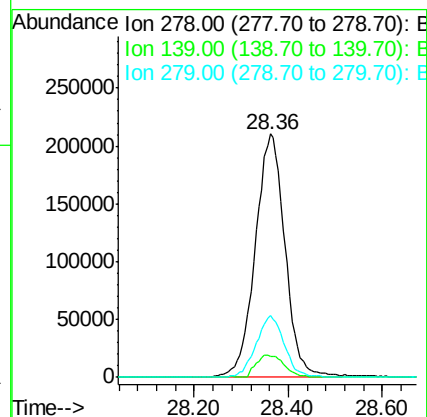
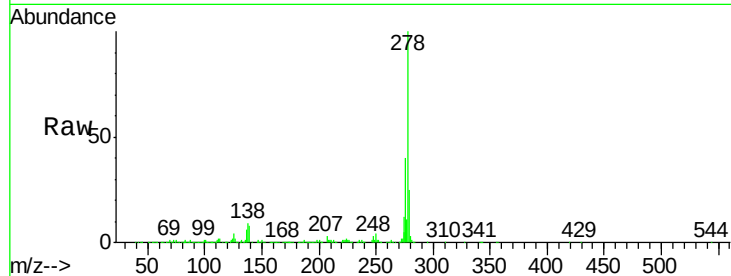




#91
Dibenzo(a,h)anthracene
Concen: 51.599 ng
RT: 28.36 min Scan# 4302
Delta R.T. -0.03 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Instrument :
BNA_G
ClientSampled :
PB129468BS

Tot Ion:278 Resp: 926448
Ion Ratio Lower Upper
278 100
139 8.5 7.8 11.8
279 25.4 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 51.231 ng
RT: 29.42 min Scan# 4483
Delta R.T. -0.02 min
Lab File: BG045727.D
Acq: 11 Jun 2020 18:57

Tgt Ion:276 Resp: 919955
Ion Ratio Lower Upper
276 100
277 23.1 18.1 27.1
138 11.8 10.2 15.4

