

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045667.D
 Acq On : 9 Jun 2020 17:06
 Operator : CG/JU
 Sample : L2904-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MS

Quant Time: Jun 09 18:23:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	74598	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	287492	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	191791	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	403797	20.00	ng	0.00
76) Chrysene-d12	21.61	240	358928	20.00	ng	0.00
87) Perylene-d12	24.75	264	390683	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	230134	60.29	ng	0.00
7) Phenol-d6	7.14	99	193330	35.58	ng	0.00
23) Nitrobenzene-d5	9.11	82	489459	92.84	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	320543	130.69	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1029003	91.01	ng	0.00
79) Terphenyl-d14	19.96	244	1501090	97.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	24815	13.110	ng	95
3) Pyridine	3.82	79	36957	7.010	ng	91
4) n-Nitrosodimethylamine	3.72	42	25350	14.695	ng	# 91
6) Aniline	7.27	93	65349	9.214	ng	97
8) 2-Chlorophenol	7.53	128	150515	35.957	ng	98
9) Benzaldehyde	7.09	77	105471	29.797	ng	97
10) Phenol	7.17	94	69390	12.392	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	170709	39.086	ng	95
12) 1,3-Dichlorobenzene	7.84	146	180072	35.797	ng	99
13) 1,4-Dichlorobenzene	7.98	146	182697	36.802	ng	97
14) 1,2-Dichlorobenzene	8.30	146	173397	36.316	ng	97
15) Benzyl Alcohol	8.20	79	103190	22.992	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	158075	38.129	ng	98
17) 2-Methylphenol	8.41	107	105274	25.119	ng	95
18) Hexachloroethane	9.03	117	71235	37.467	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	156119	41.555	ng	95
20) 3+4-Methylphenols	8.74	107	126726	22.205	ng	94
22) Acetophenone	8.77	105	280749	41.203	ng	97
24) Nitrobenzene	9.15	77	235985	41.779	ng	95
25) Isophorone	9.68	82	420984	40.547	ng	96
26) 2-Nitrophenol	9.86	139	102257	42.320	ng	92
27) 2,4-Dimethylphenol	9.94	122	150125	41.890	ng	93
28) bis(2-Chloroethoxy)methane	10.16	93	236503	43.435	ng	97
29) 2,4-Dichlorophenol	10.42	162	177569	41.959	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	203252	40.645	ng	98
31) Naphthalene	10.80	128	546944	40.826	ng	100
32) Benzoic acid	10.07	122	23111	17.525	ng	86
33) 4-Chloroaniline	10.92	127	53115	9.485	ng	93
34) Hexachlorobutadiene	11.10	225	136243	38.543	ng	97
35) Caprolactam	11.72	113	7806	5.025	ng	92
36) 4-Chloro-3-methylphenol	12.06	107	176944	37.105	ng	92
37) 2-Methylnaphthalene	12.41	142	417824	41.844	ng	99
38) 1-Methylnaphthalene	12.64	142	394563	41.831	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	238431	44.508	ng	98

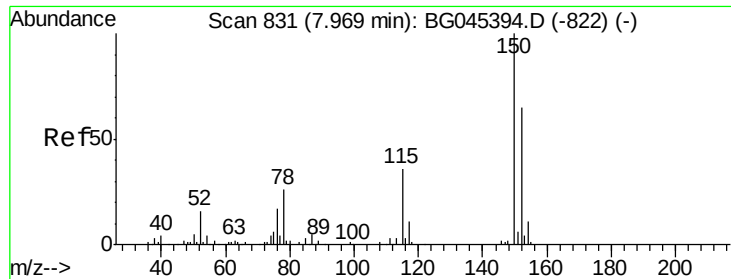
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045667.D
 Acq On : 9 Jun 2020 17:06
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	278308	90.010	ng	98
43) 2,4,6-Trichlorophenol	13.03	196	158726	42.653	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	166120	39.064	ng	97
46) 1,1'-Biphenyl	13.42	154	522906	44.372	ng	99
47) 2-Chloronaphthalene	13.47	162	397918	41.581	ng	99
48) 2-Nitroaniline	13.68	65	124718	39.620	ng	91
49) Acenaphthylene	14.32	152	642820	41.820	ng	99
50) Dimethylphthalate	14.05	163	693292	52.695	ng	99
51) 2,6-Dinitrotoluene	14.17	165	118502	39.916	ng	99
52) Acenaphthene	14.66	154	378189	36.756	ng	97
53) 3-Nitroaniline	14.50	138	39556	13.107	ng	94
54) 2,4-Dinitrophenol	14.71	184	138605	71.866	ng	95
55) Dibenzofuran	14.99	168	625983	40.969	ng	95
56) 4-Nitrophenol	14.86	139	43635	19.097	ng	85
57) 2,4-Dinitrotoluene	14.96	165	160768	37.391	ng	95
58) Fluorene	15.64	166	502453	40.027	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	151620	40.527	ng	98
60) Diethylphthalate	15.42	149	524031	38.267	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	283222	39.428	ng	99
62) 4-Nitroaniline	15.67	138	87097	27.644	ng	94
63) Azobenzene	15.93	77	513866	40.244	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	103352	43.948	ng	92
66) n-Nitrosodiphenylamine	15.85	169	449949	46.410	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	192083	43.930	ng	98
68) Hexachlorobenzene	16.65	284	203493	44.497	ng	97
69) Atrazine	16.81	200	142613	35.713	ng	98
70) Pentachlorophenol	17.01	266	219116	92.275	ng	97
71) Phenanthrene	17.38	178	764808	43.386	ng	99
72) Anthracene	17.48	178	780019	44.062	ng	98
73) Carbazole	17.75	167	687479	39.841	ng	99
74) Di-n-butylphthalate	18.31	149	809628	39.091	ng	99
75) Fluoranthene	19.40	202	861684	38.431	ng	99
77) Benzidine	19.85	184	918	0.091	ng	# 1
78) Pyrene	19.76	202	878579	42.941	ng	99
80) Butylbenzylphthalate	20.65	149	353176	39.991	ng	96
81) Benzo(a)anthracene	21.59	228	859270	42.975	ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	3078	0.392	ng	# 71
83) Chrysene	21.65	228	826741	43.002	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	495729	40.835	ng	99
85) Di-n-octyl phthalate	22.68	149	821037	39.377	ng	98
86) Indeno(1,2,3-cd)pyrene	28.33	276	1071220	42.609	ng	# 95
88) Benzo(b)fluoranthene	23.76	252	894951	42.713	ng	99
89) Benzo(k)fluoranthene	23.82	252	856923	43.532	ng	99
90) Benzo(a)pyrene	24.60	252	809348	41.475	ng	99
91) Dibenzo(a,h)anthracene	28.39	278	892641	45.521	ng	98
92) Benzo(g,h,i)perylene	29.44	276	911700	46.487	ng	97

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

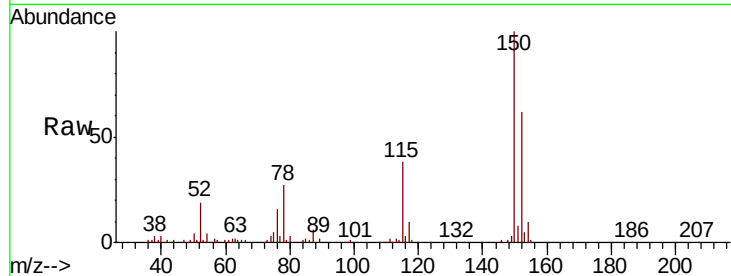


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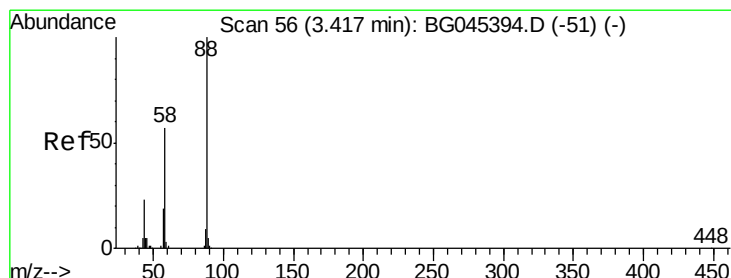
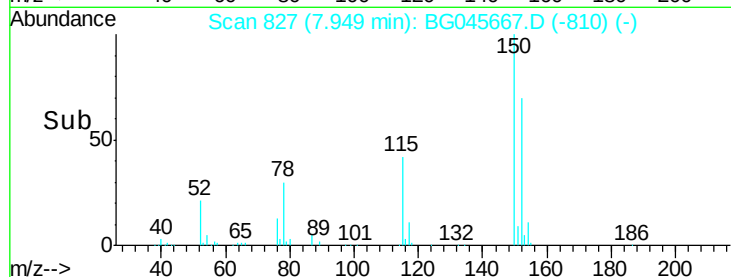
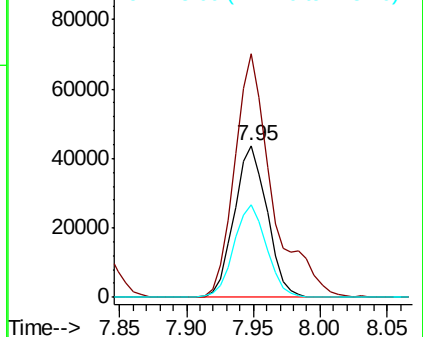
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Instrument :
BNA_G
ClientSampleId :
VE-4-11MS

Tot Ion:152 Resp: 74598
Ion Ratio Lower Upper
152 100
150 160.4 122.4 183.6
115 60.6 44.2 66.4



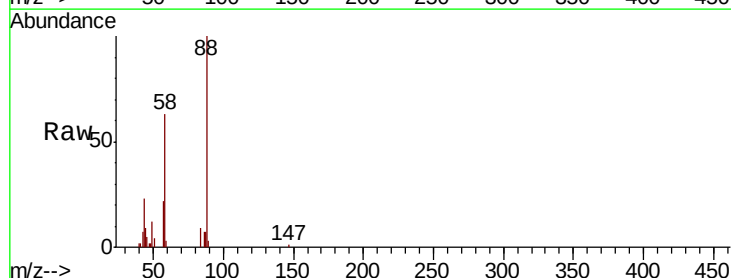
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



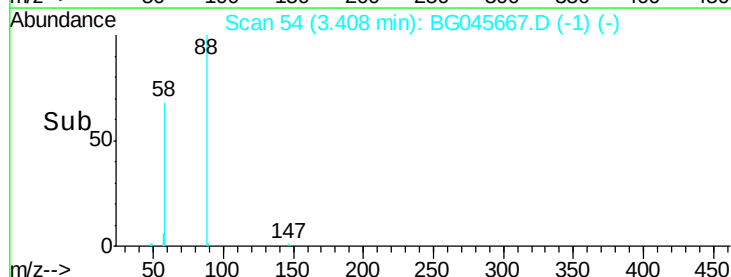
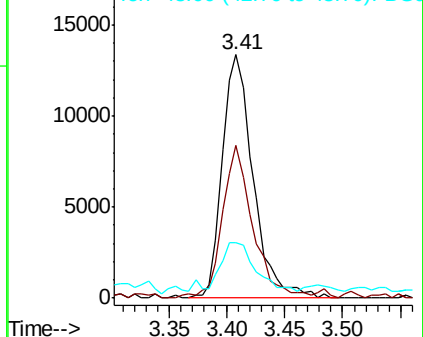
#2

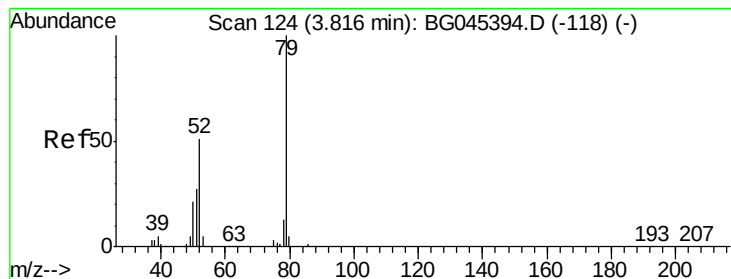
1,4-Dioxane
Concen: 13.110 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt Ion: 88 Resp: 24815
Ion Ratio Lower Upper
88 100
58 61.7 45.7 68.5
43 21.6 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: 7.010 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

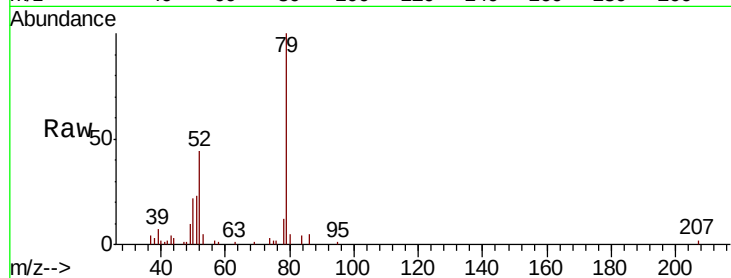
Tot Ion: 79 Resp: 36957

Ion Ratio Lower Upper

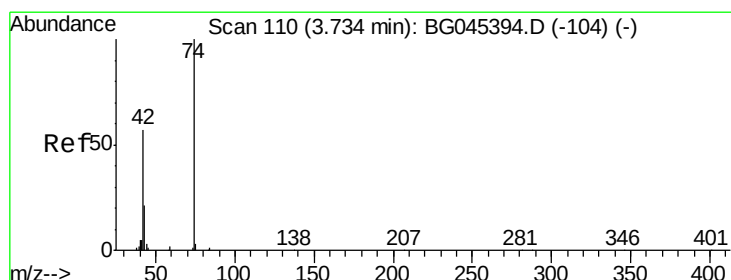
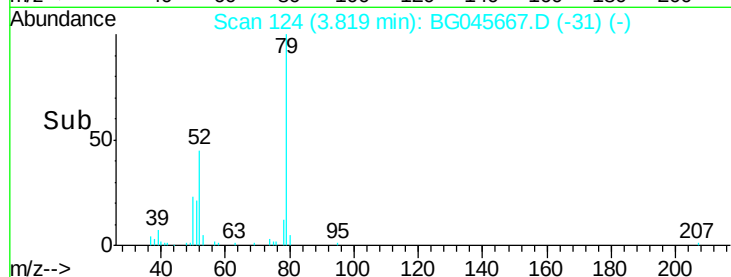
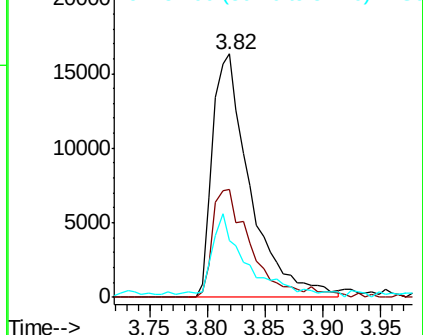
79 100

52 44.1 40.8 61.2

51 23.4 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 14.695 ng

RT: 3.72 min Scan# 108

Delta R.T. 0.01 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

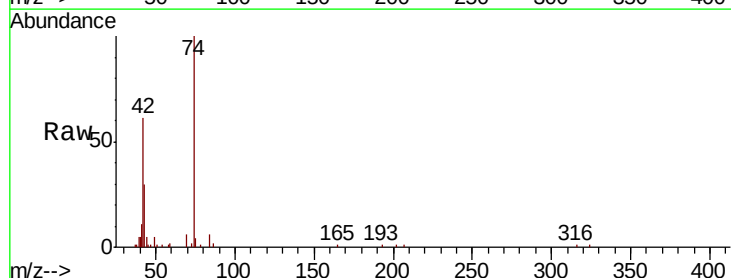
Tgt Ion: 42 Resp: 25350

Ion Ratio Lower Upper

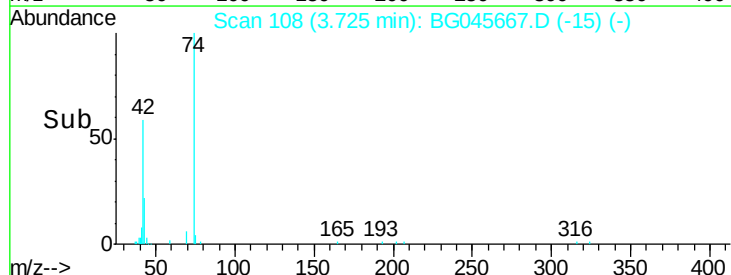
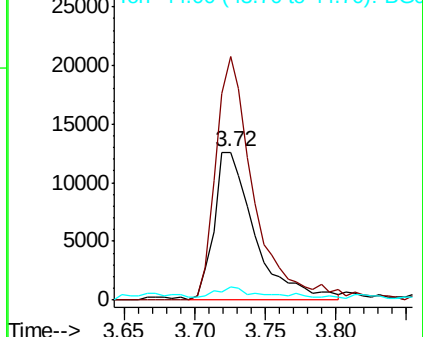
42 100

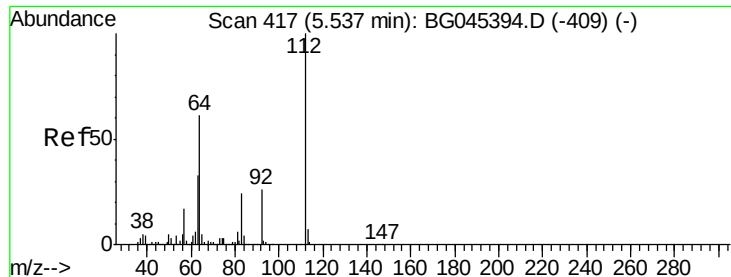
74 164.3 141.3 211.9

44 8.9 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: 60.290 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

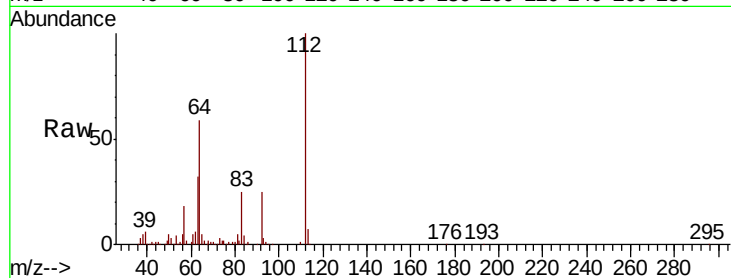
Tot Ion:112 Resp: 230134

Ion Ratio Lower Upper

112 100

64 58.6 48.6 72.8

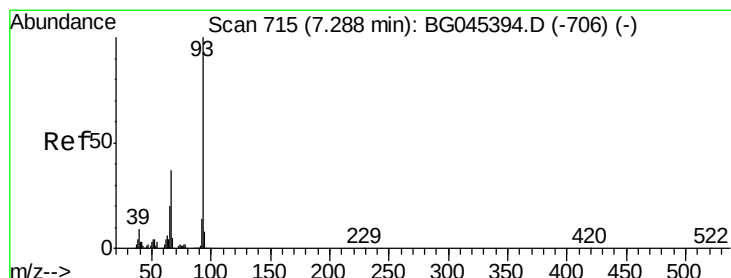
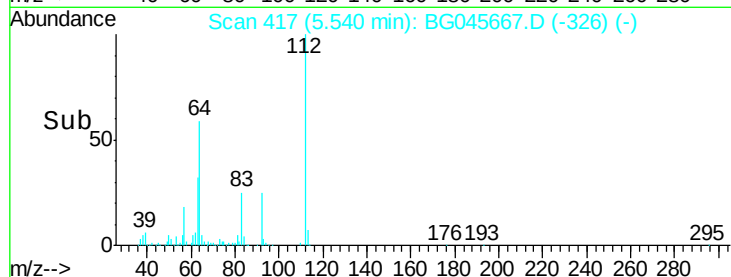
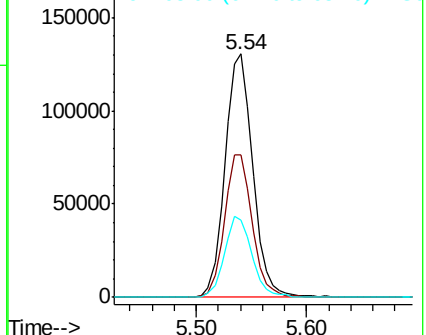
63 31.7 26.5 39.7



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: 9.214 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

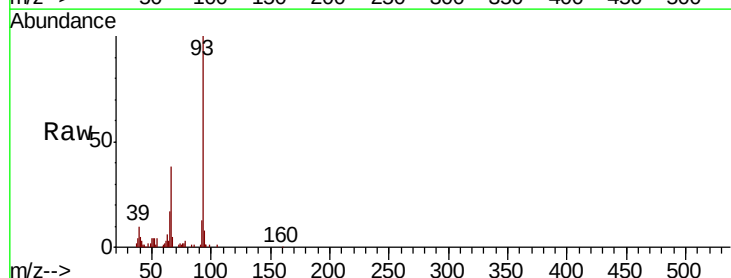
Tgt Ion: 93 Resp: 65349

Ion Ratio Lower Upper

93 100

66 38.4 29.6 44.4

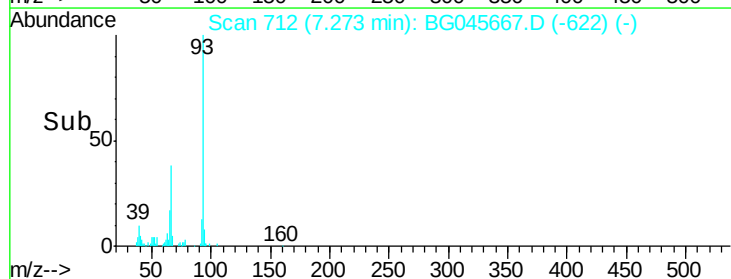
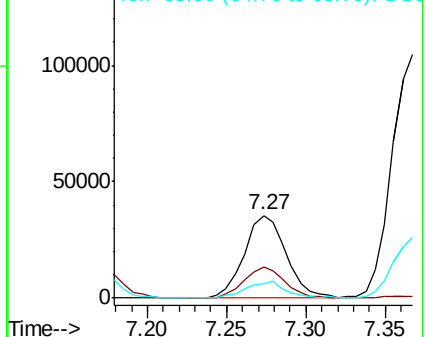
65 17.4 15.9 23.9

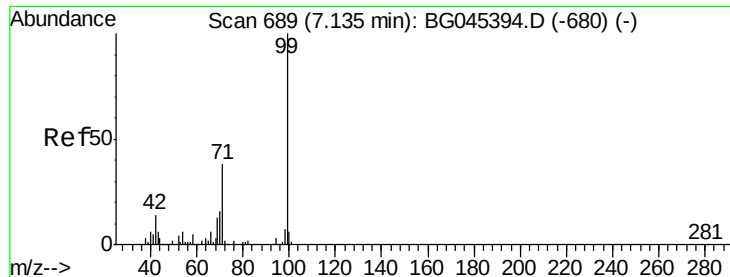


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 35.585 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

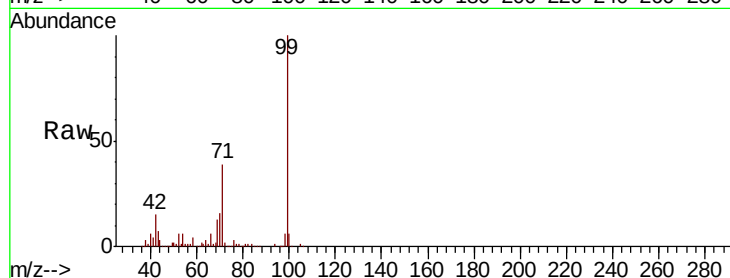
BNA_G

ClientSampleId :

VE-4-11MS

Tot Ion: 99 Resp: 193330

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.3	16.9
71	38.6	30.8	46.2

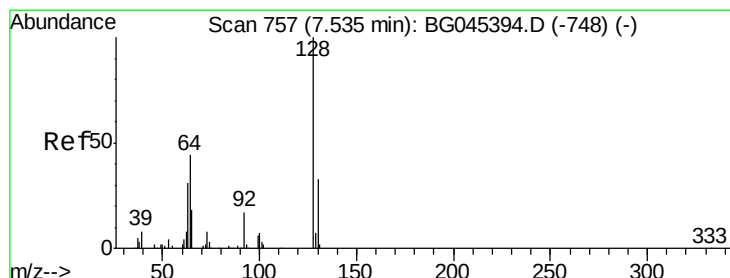
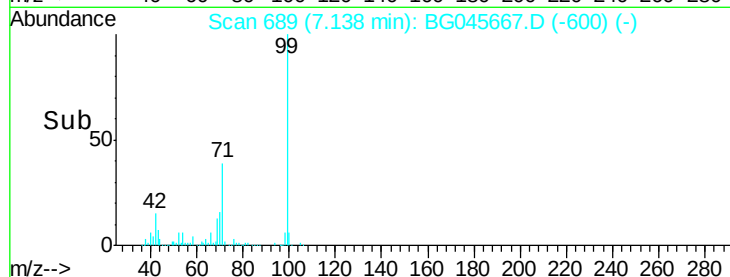
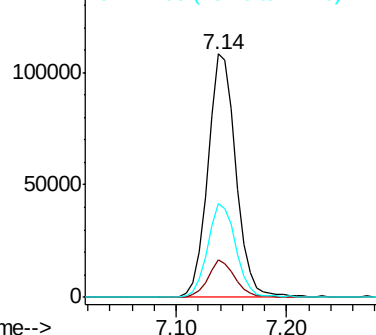


Abundance

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: 35.957 ng

RT: 7.53 min Scan# 755

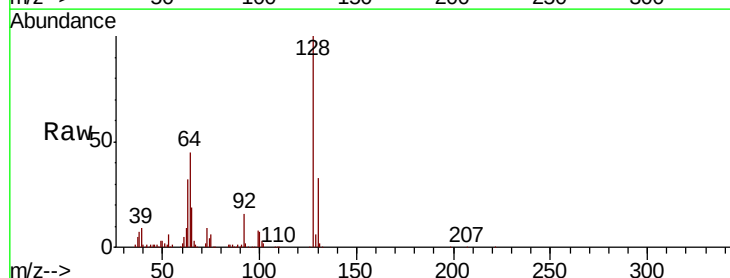
Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Tgt Ion: 128 Resp: 150515

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	45.2	27.0	67.0

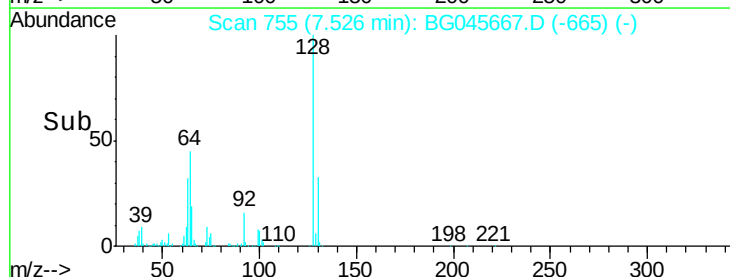
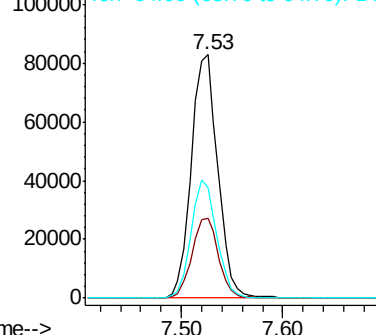


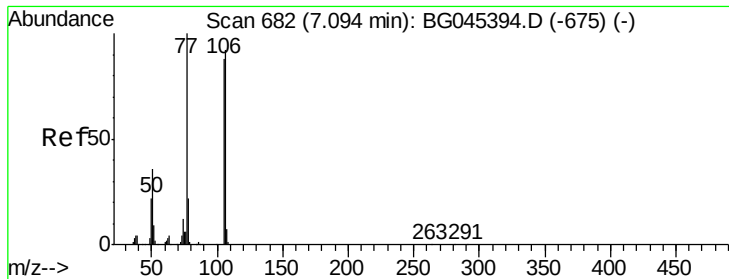
Abundance

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: 29.797 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

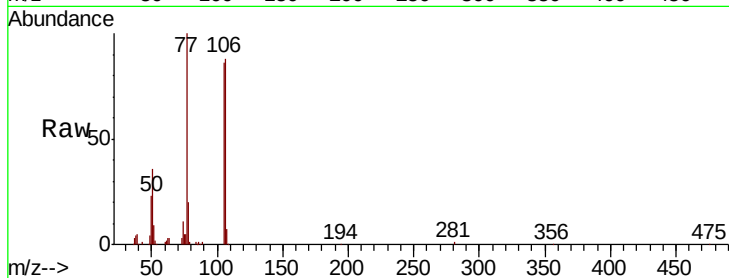
Tot Ion: 77 Resp: 105471

Ion Ratio Lower Upper

77 100

105 85.9 68.5 108.5

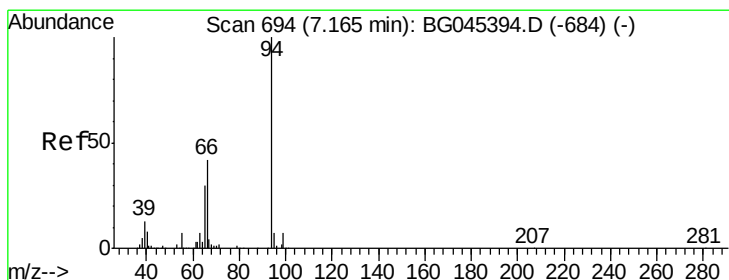
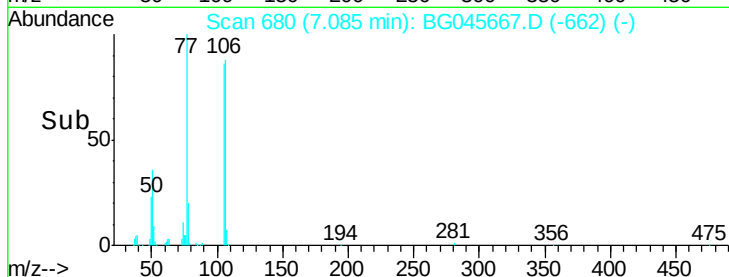
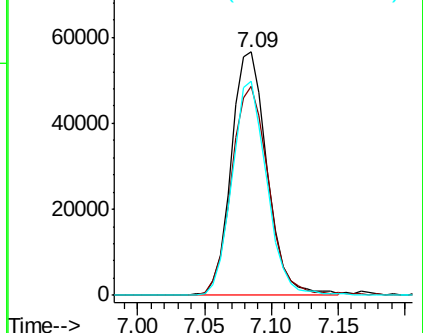
106 88.2 71.6 111.6



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: 12.392 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

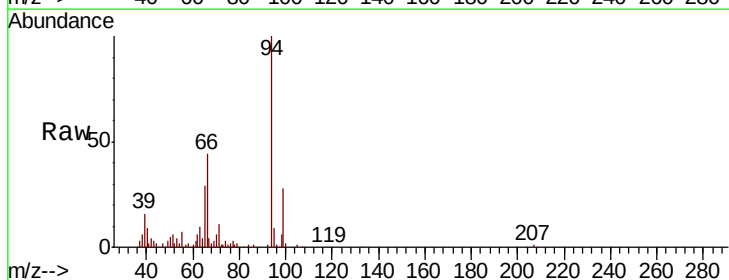
Tgt Ion: 94 Resp: 69390

Ion Ratio Lower Upper

94 100

65 29.3 9.8 49.8

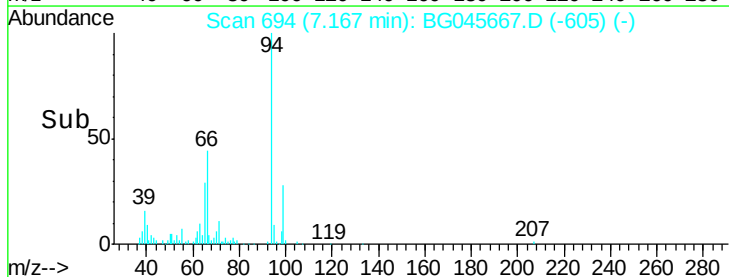
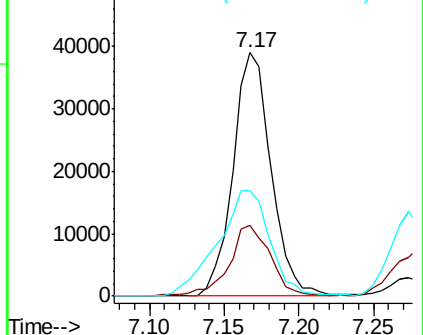
66 43.5 22.0 62.0

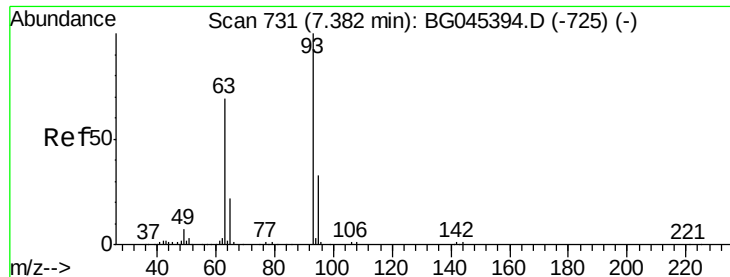


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

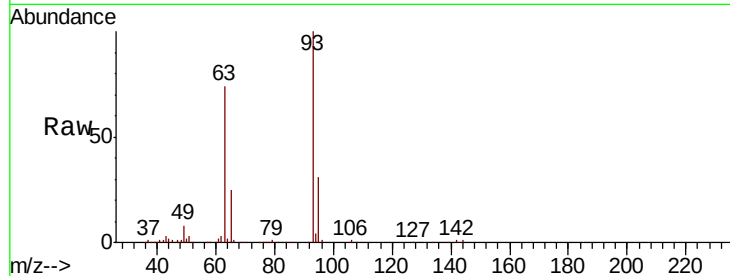




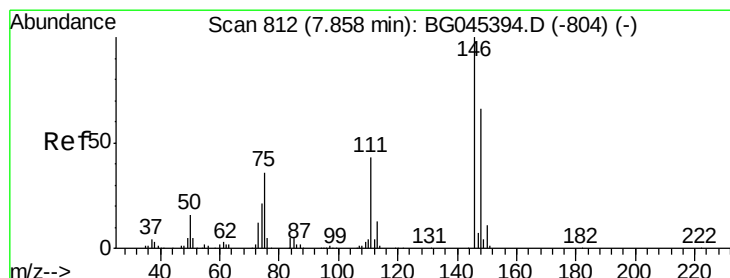
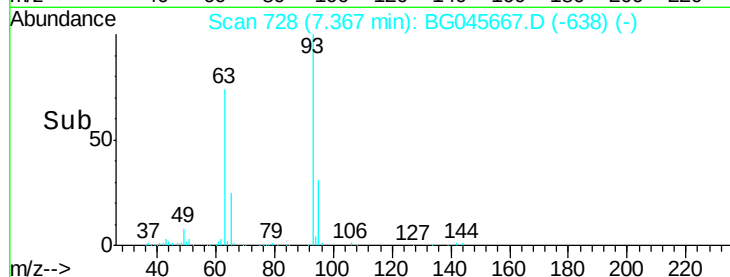
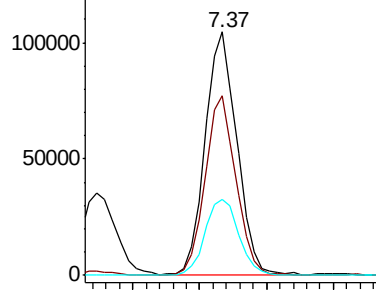
#11
bis(2-Chloroethyl)ether
Concen: 39.086 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Instrument :
BNA_G
ClientSampled :
VE-4-11MS

Tot Ion	93	Resp	170709
Ion	Ratio	Lower	Upper
93	100		
63	73.6	48.4	88.4
95	31.4	12.4	52.4

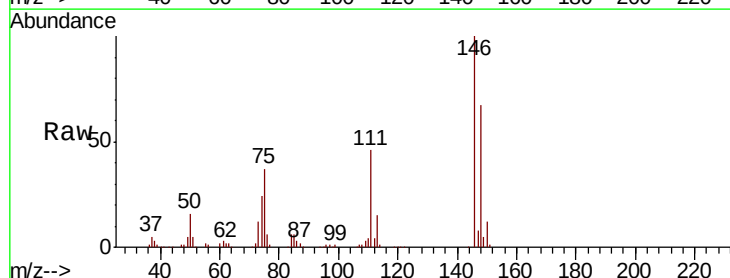


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

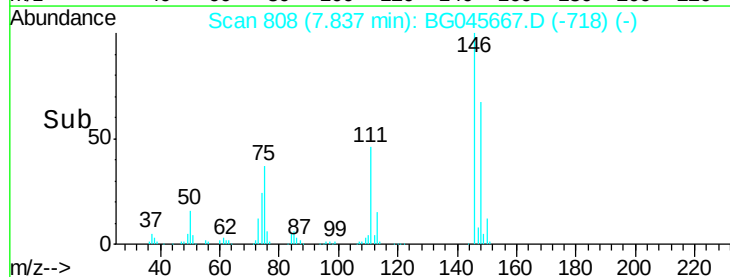
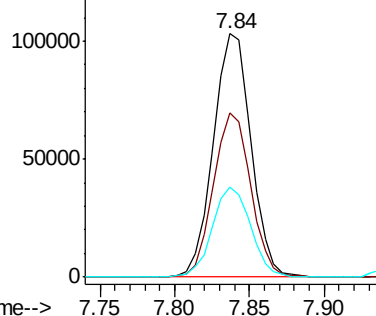


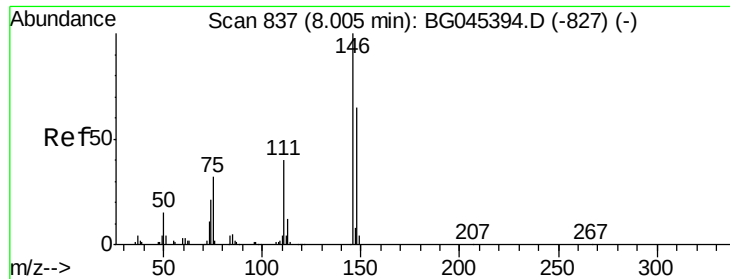
#12
1,3-Dichlorobenzene
Concen: 35.797 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt Ion	146	Resp	180072
Ion	Ratio	Lower	Upper
146	100		
148	67.3	53.2	79.8
75	36.8	28.6	43.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

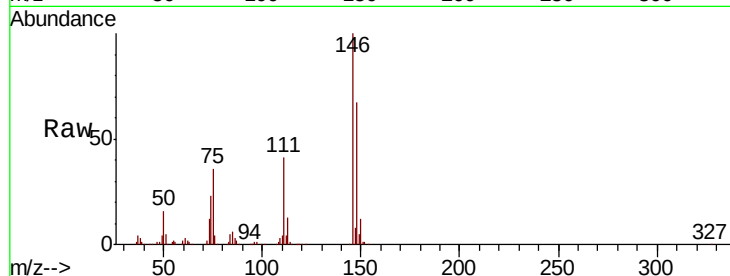




#13
 1,4-Dichlorobenzene
 Concen: 36.802 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.4	51.8	77.8
111	41.0	32.1	48.1

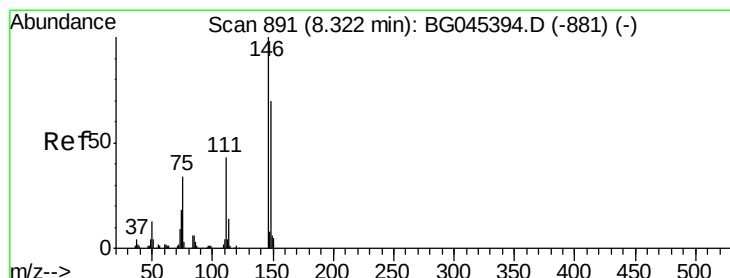
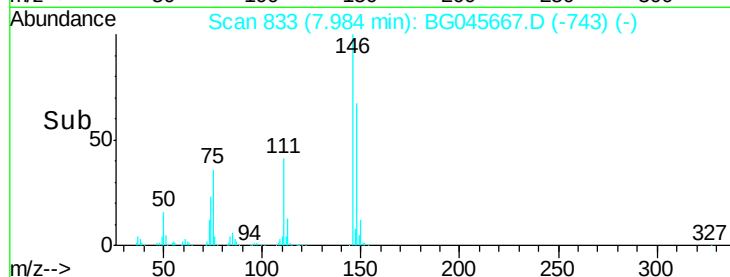
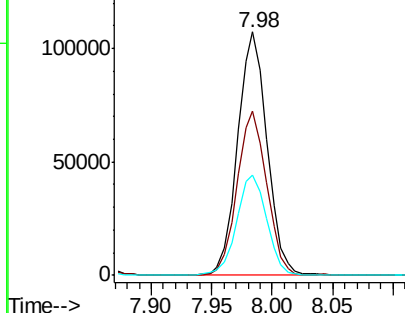


Abundance

Ion 146.00 (145.70 to 146.70): E

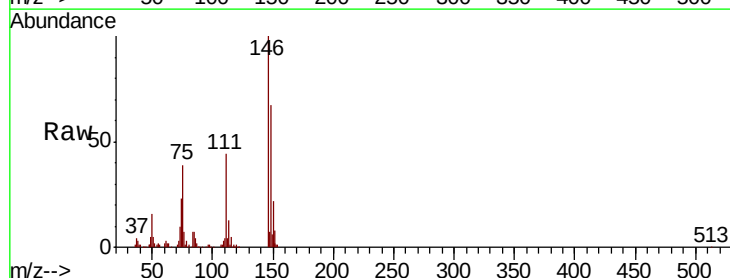
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.316 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	55.9	83.9
111	44.1	35.0	52.4

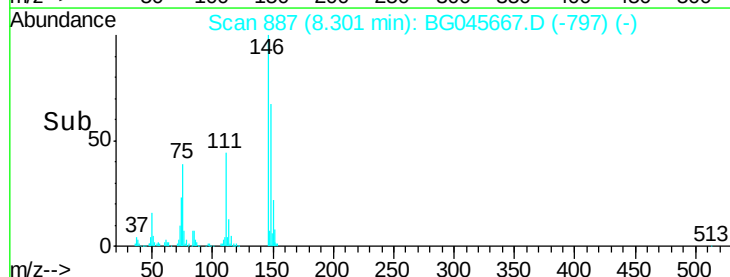
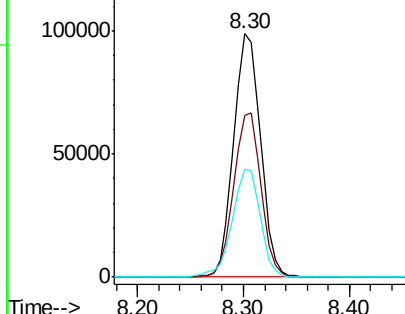


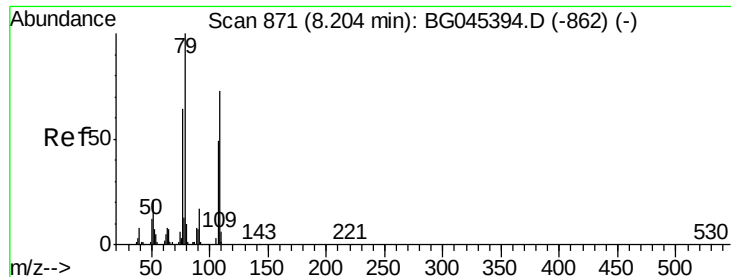
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 22.992 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

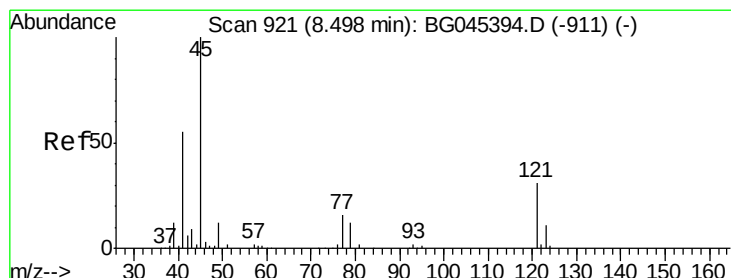
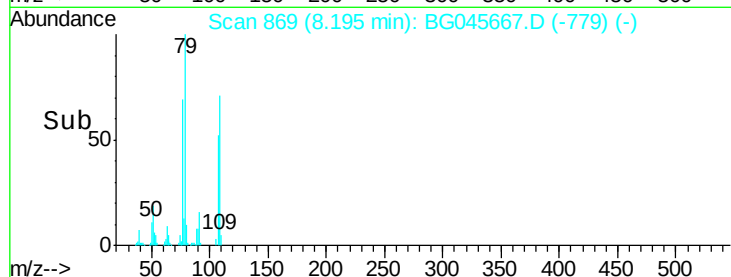
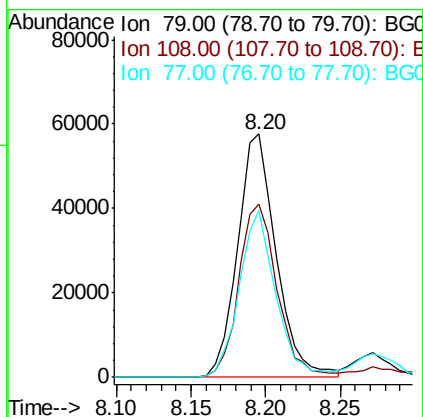
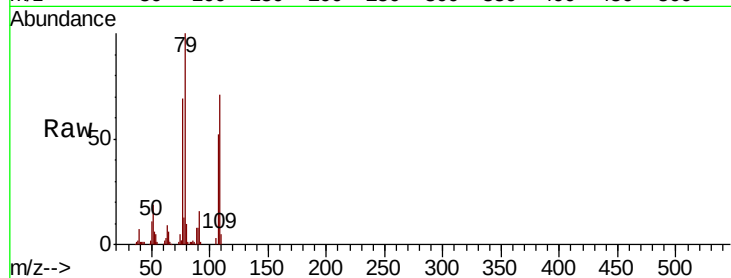
Tot Ion: 79 Resp: 103190

Ion Ratio Lower Upper

79 100

108 71.2 58.2 87.4

77 68.7 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.129 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

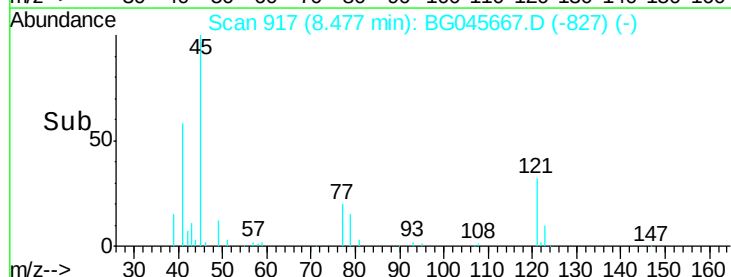
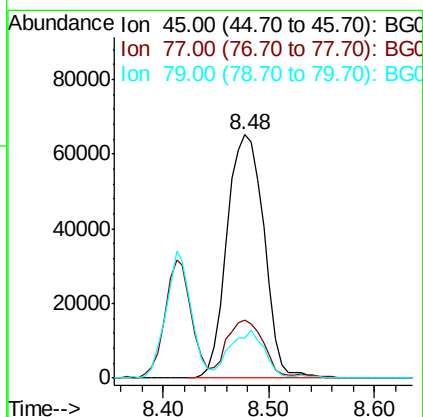
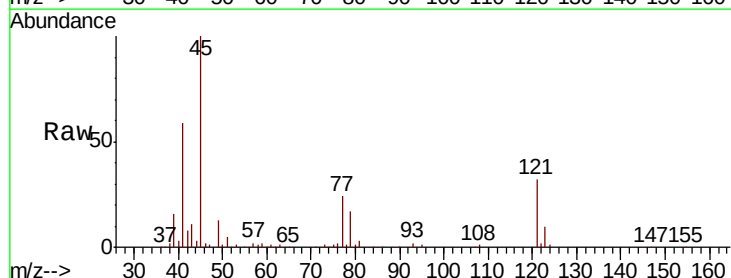
Tgt Ion: 45 Resp: 158075

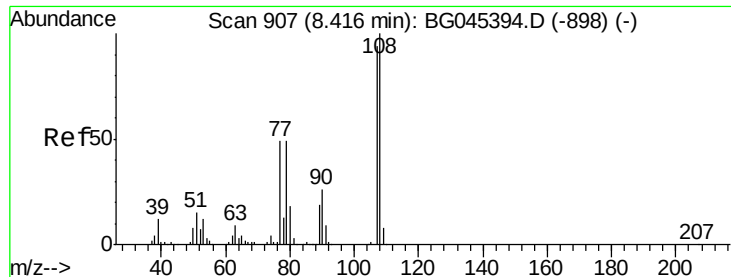
Ion Ratio Lower Upper

45 100

77 23.8 4.0 44.0

79 16.5 0.0 38.6





#17

2-Methylphenol

Concen: 25.119 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampled :

VE-4-11MS

Tot Ion:107 Resp: 105274

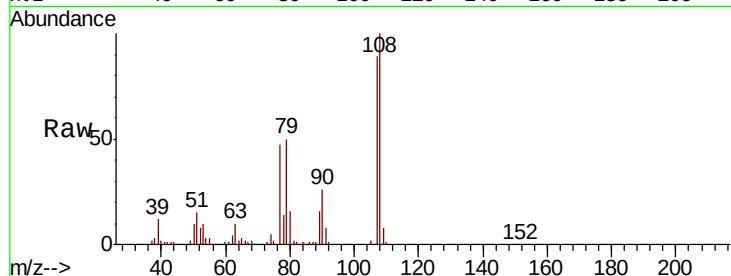
Ion Ratio Lower Upper

107 100

108 112.6 85.2 127.8

77 52.7 41.6 62.4

79 56.7 41.8 62.8

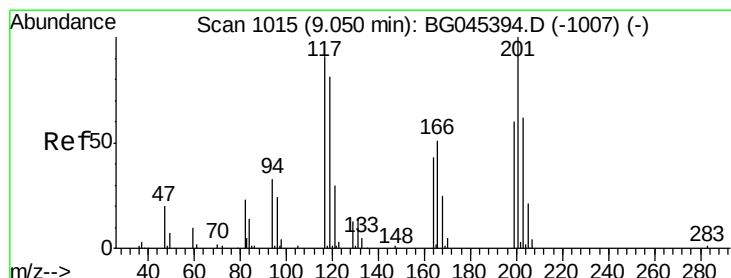
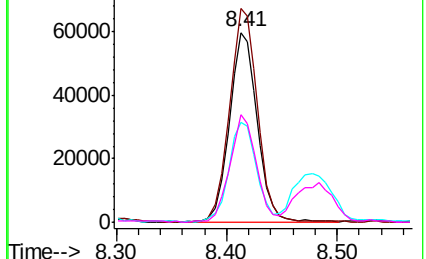
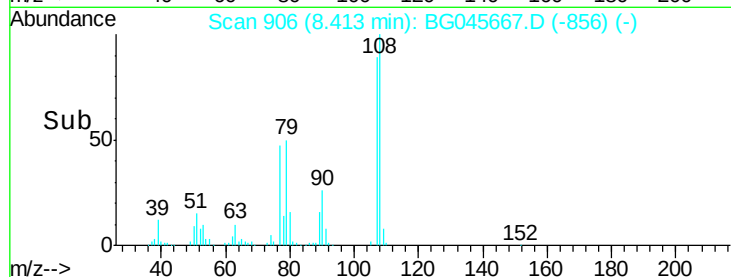


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.467 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

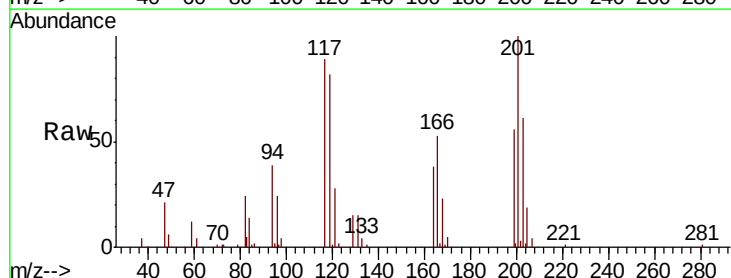
Tgt Ion:117 Resp: 71235

Ion Ratio Lower Upper

117 100

119 92.8 71.3 106.9

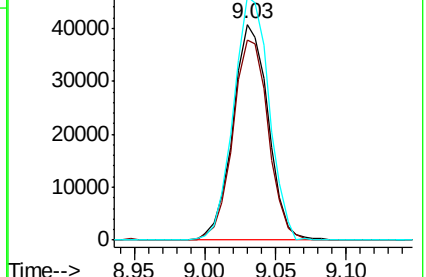
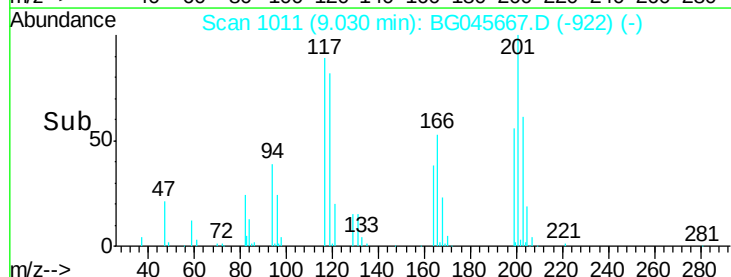
201 112.7 87.5 131.3

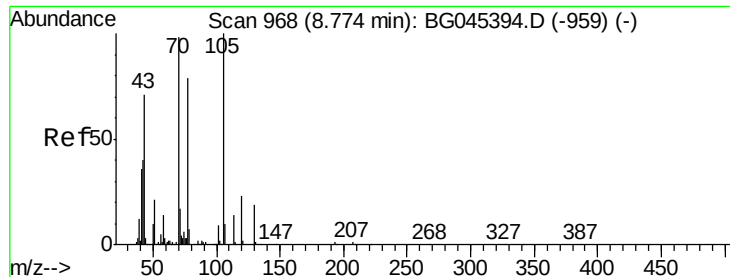


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.555 ng

RT: 8.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

Tot Ion: 70 Resp: 156119

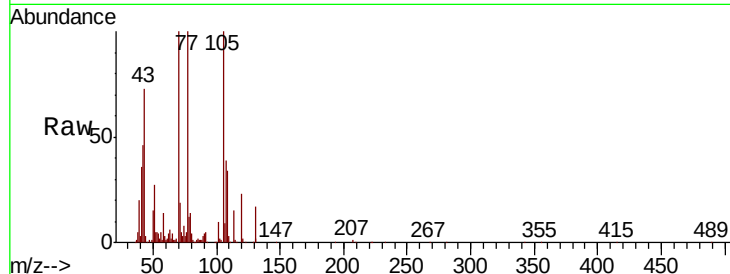
Ion Ratio Lower Upper

70 100

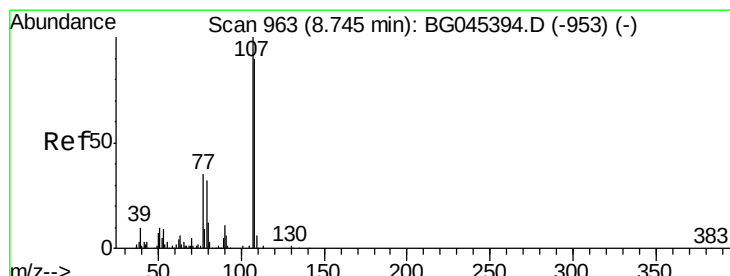
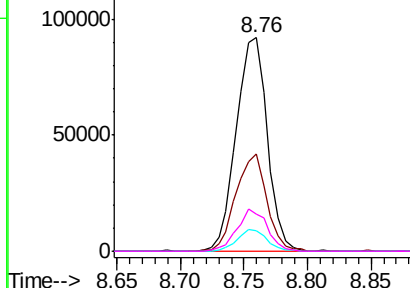
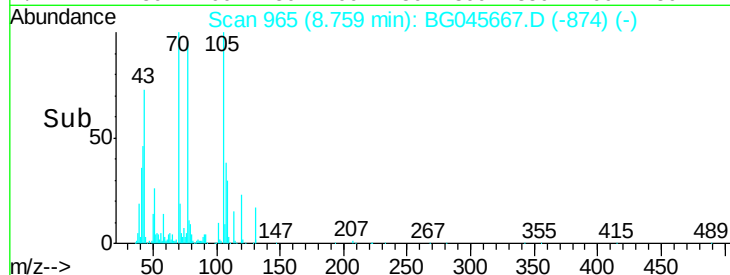
42 45.6 33.2 49.8

101 9.9 7.8 11.6

130 17.4 15.4 23.2



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



#20

3+4-Methylphenols

Concen: 22.205 ng

RT: 8.74 min Scan# 962

Delta R.T. -0.01 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Tgt Ion: 107 Resp: 126726

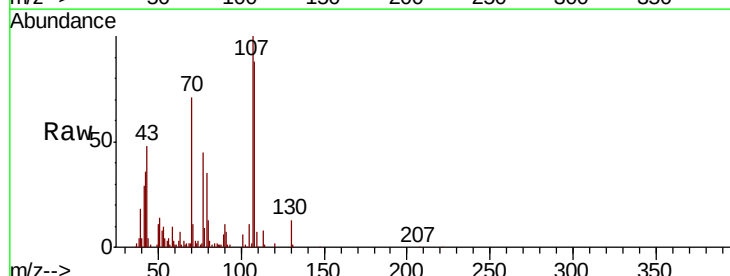
Ion Ratio Lower Upper

107 100

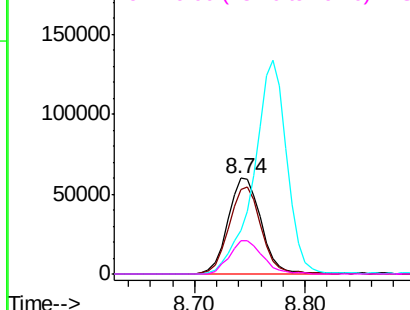
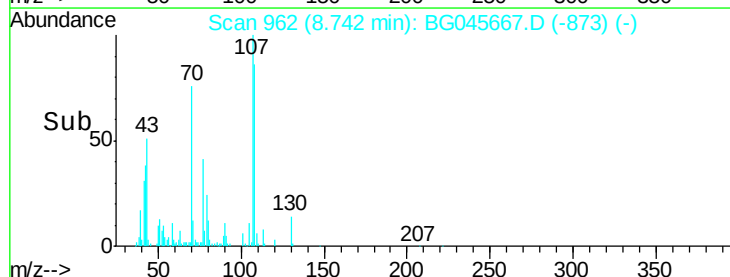
108 88.4 70.3 110.3

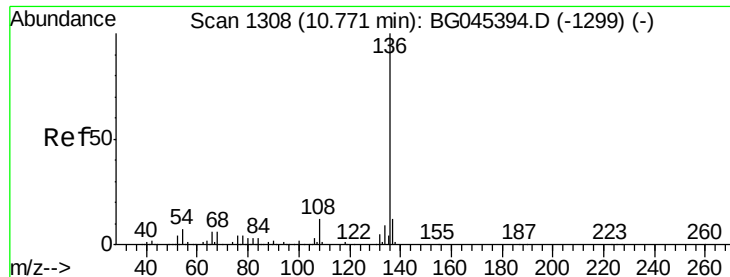
77 45.4 15.4 55.4

79 35.2 12.6 52.6



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

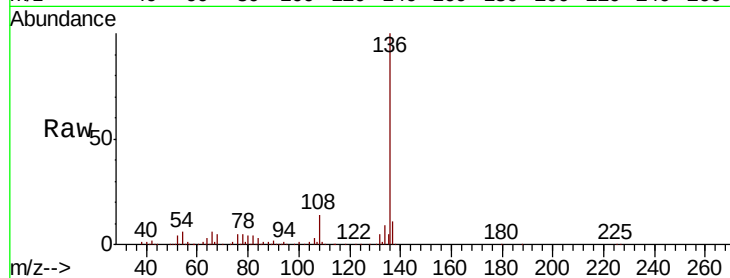




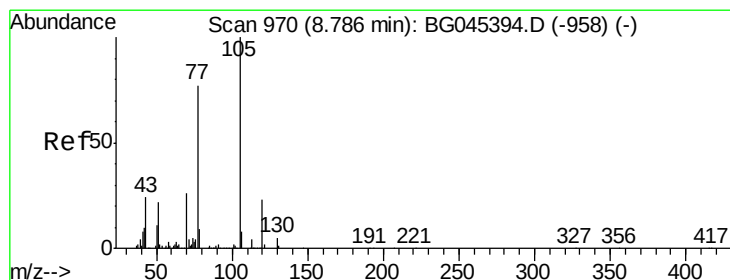
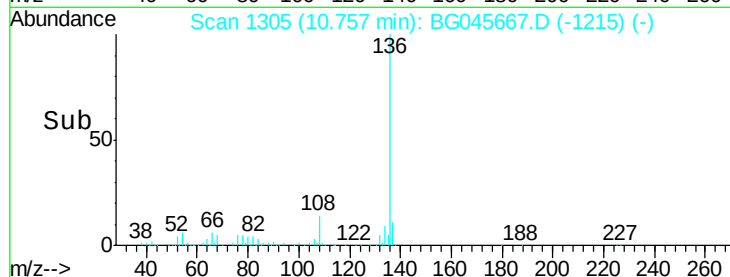
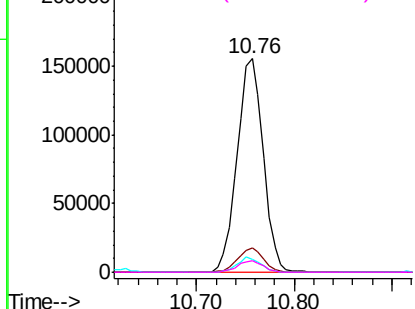
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Instrument :
BNA_G
ClientSampleId :
VE-4-11MS

Tot Ion:136	Resp:	287492	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	9.4	14.2	
54 6.2	5.8	8.6	
68 5.1	4.5	6.7	

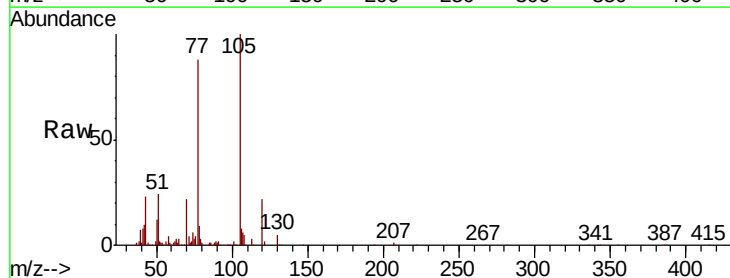


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

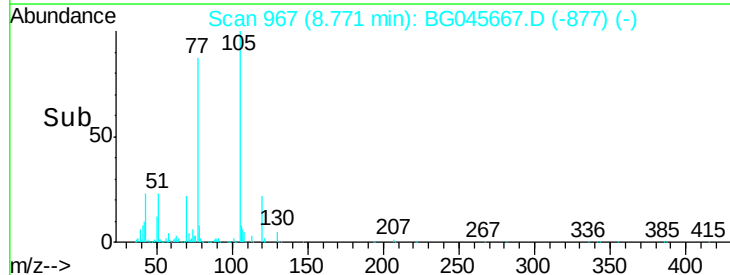
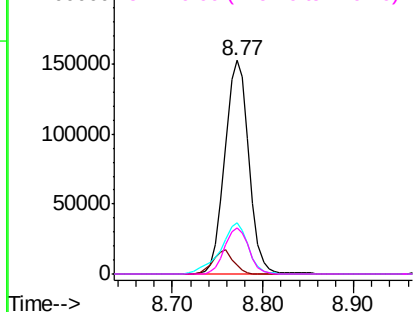


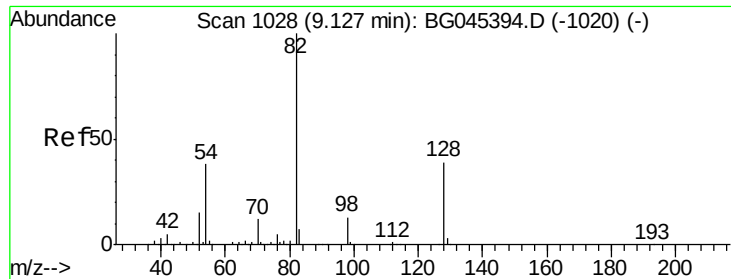
#22
Acetophenone
Concen: 41.203 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt	Ion:105	Resp:	280749
Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.4	5.0
51	23.7	18.2	27.2
120	21.6	18.6	27.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

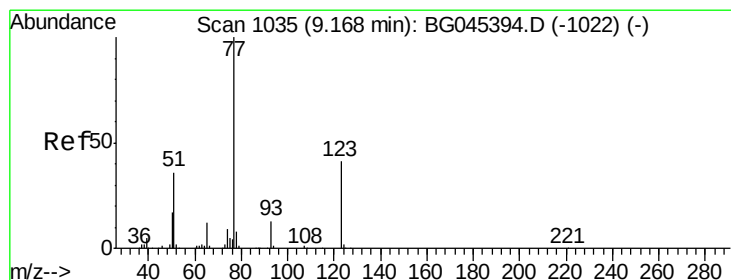
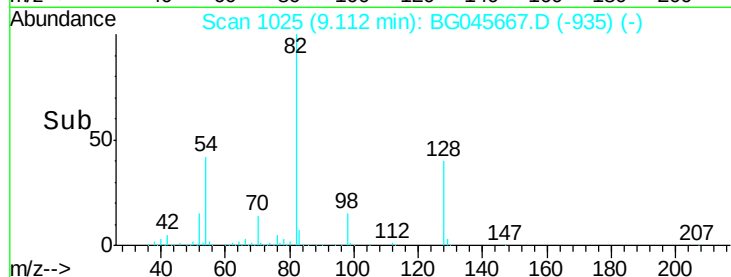
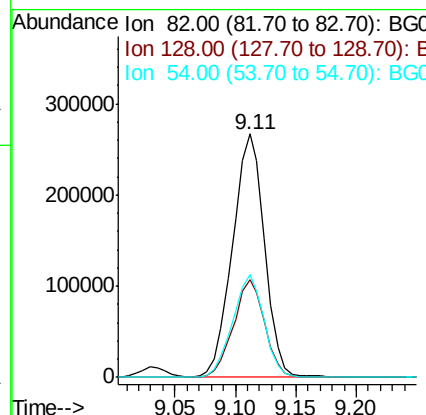
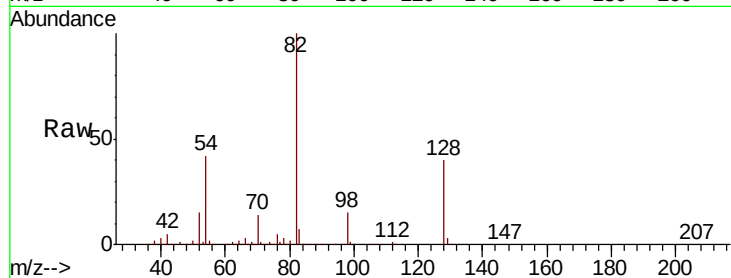




#23
 Nitrobenzene-d5
 Concen: 92.841 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

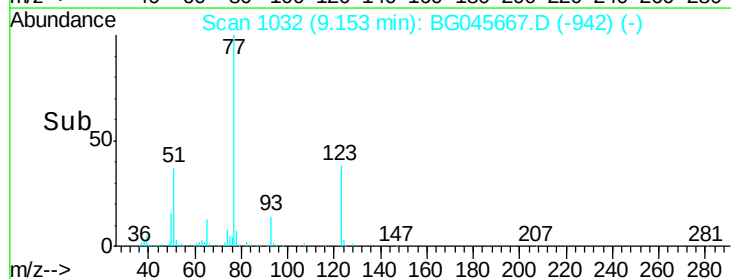
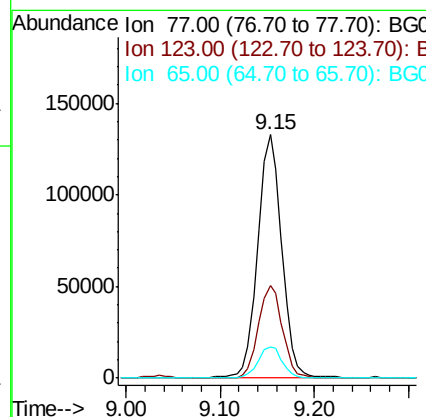
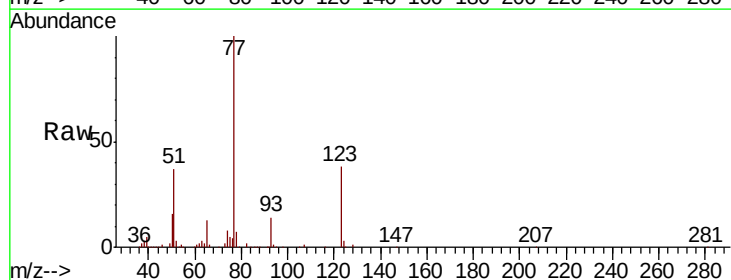
Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MS

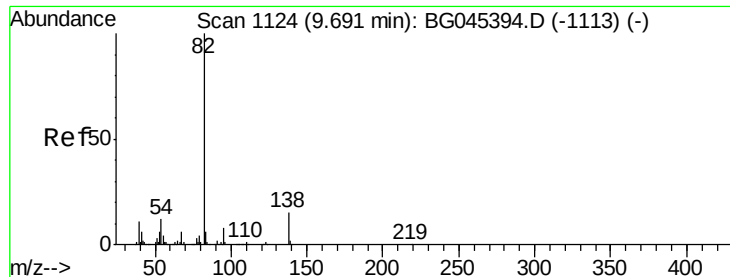
Tot Ion	82	Resp	489459
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.9	46.3
54	42.2	30.3	45.5



#24
 Nitrobenzene
 Concen: 41.779 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

Tgt Ion	77	Resp	235985
Ion Ratio	Lower	Upper	
77	100		
123	37.9	32.9	49.3
65	12.9	9.4	14.2





#25

Isophorone

Concen: 40.547 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

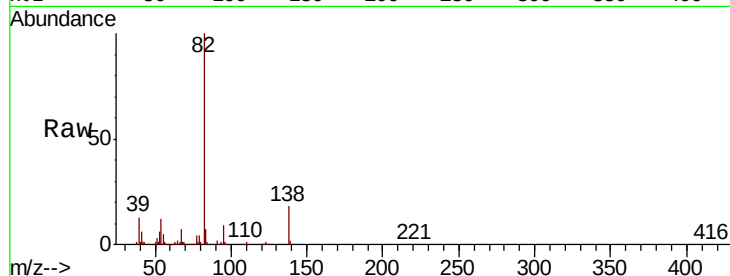
Tot Ion: 82 Resp: 420984

Ion Ratio Lower Upper

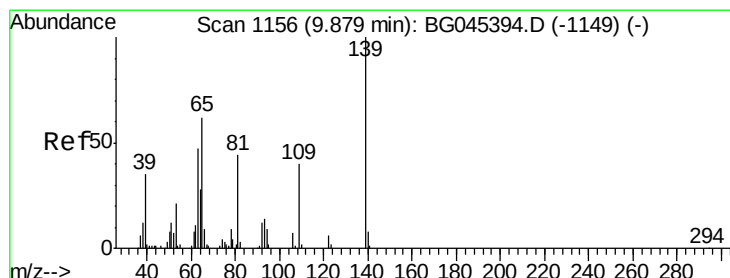
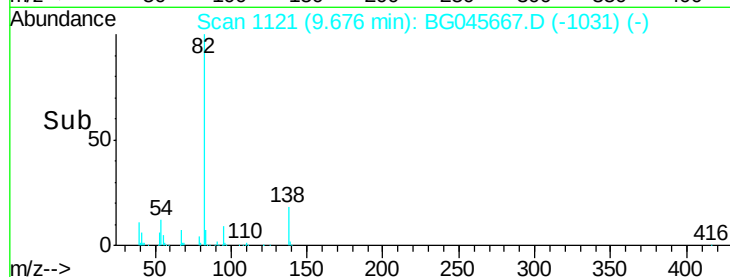
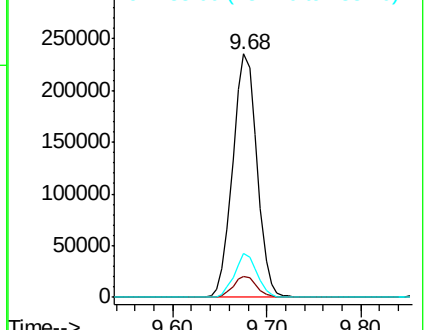
82 100

95 8.6 6.7 10.1

138 18.0 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: 42.320 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

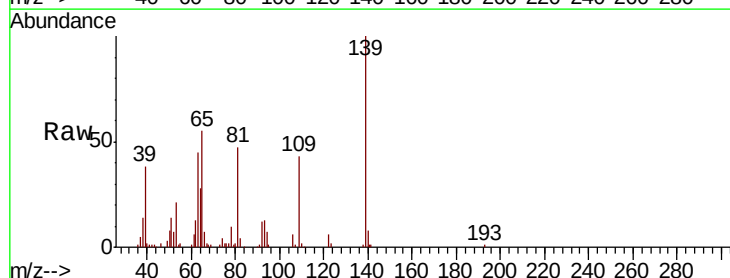
Tgt Ion: 139 Resp: 102257

Ion Ratio Lower Upper

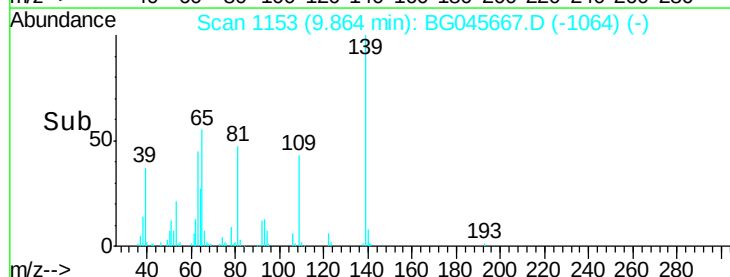
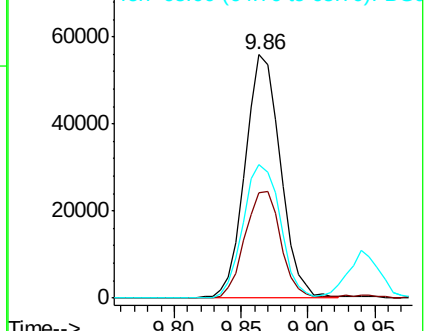
139 100

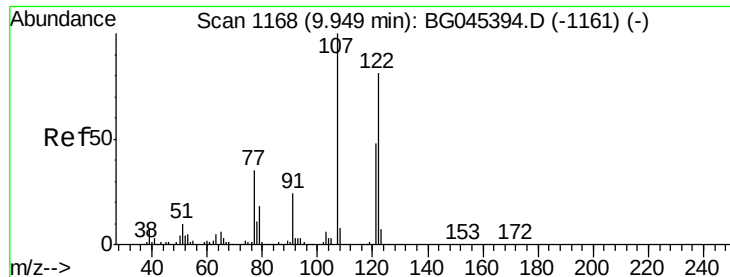
109 43.4 32.2 48.4

65 55.0 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: 41.890 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

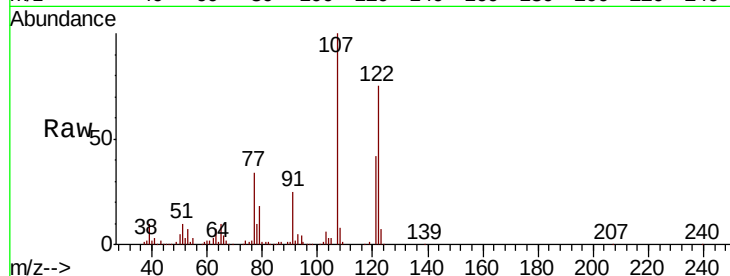
Tot Ion:122 Resp: 150125

Ion Ratio Lower Upper

122 100

107 133.0 99.0 148.4

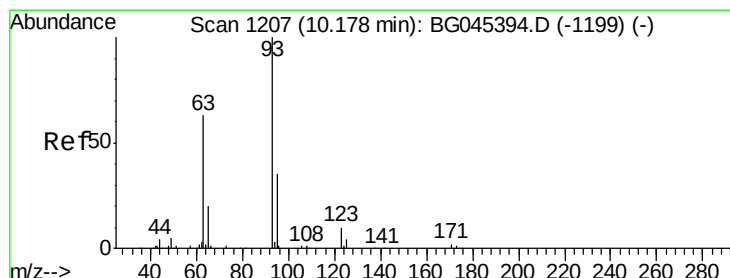
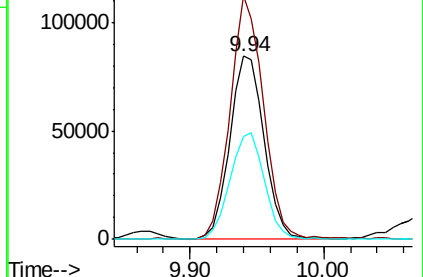
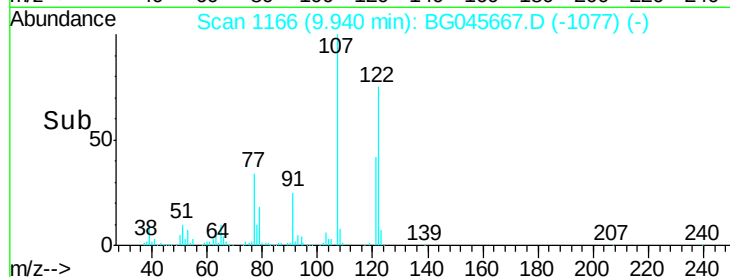
121 56.2 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.435 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

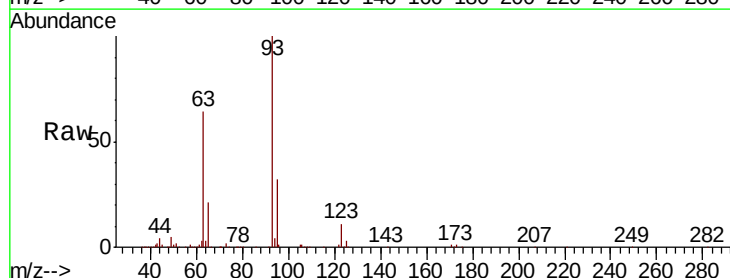
Tgt Ion: 93 Resp: 236503

Ion Ratio Lower Upper

93 100

95 32.4 27.6 41.4

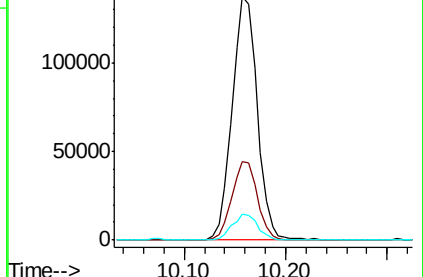
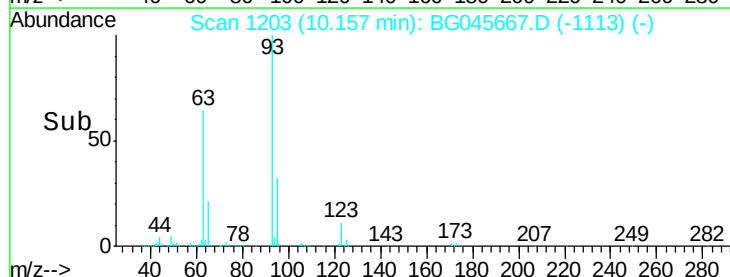
123 10.6 8.1 12.1

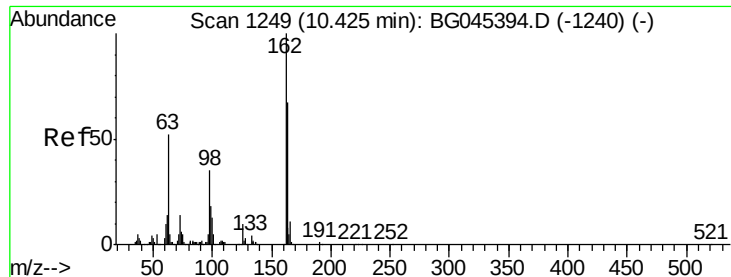


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

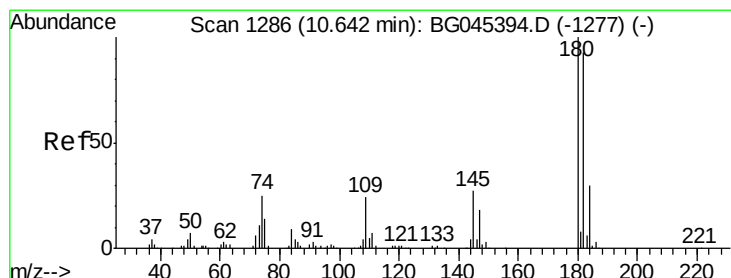
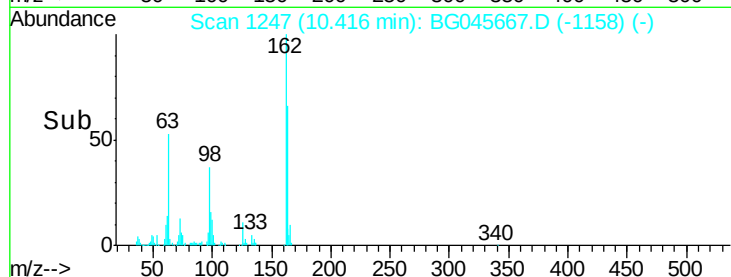
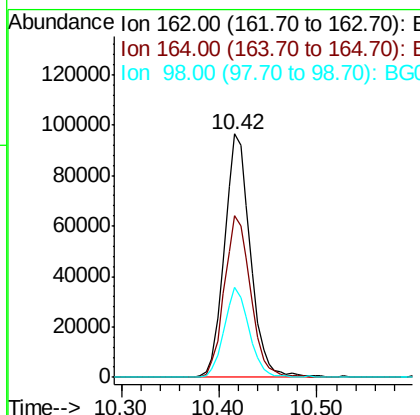
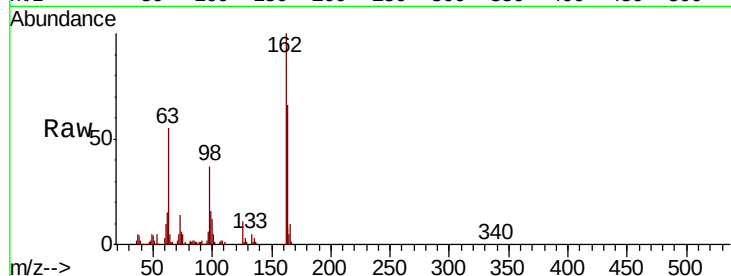




#29
 2,4-Dichlorophenol
 Concen: 41.959 ng
 RT: 10.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

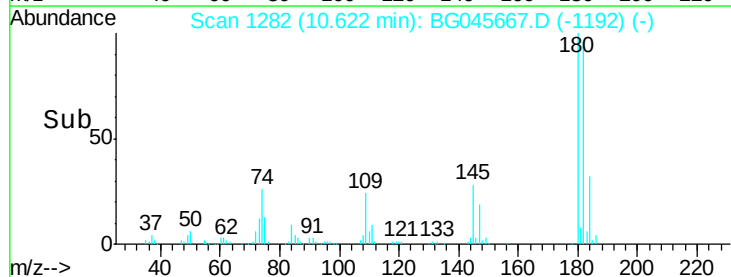
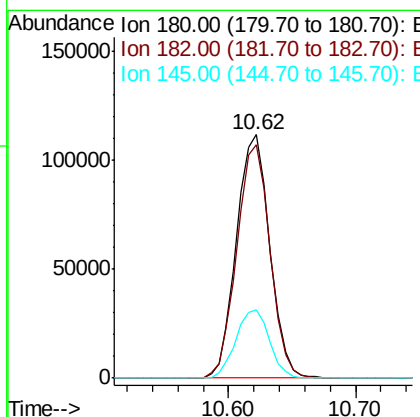
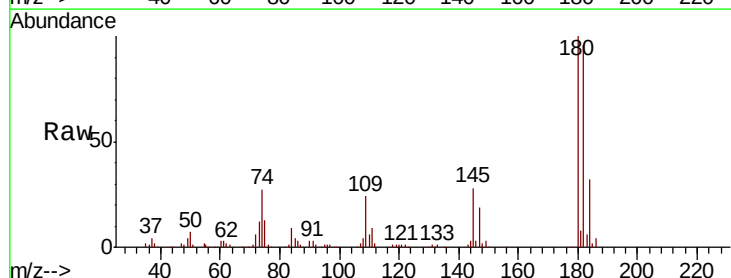
Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MS

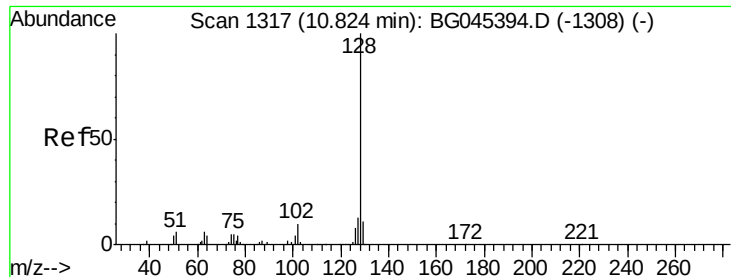
Tot Ion	162	Resp	177569
Ion	Ratio	Lower	Upper
162	100		
164	66.2	46.8	86.8
98	36.8	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.645 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

Tgt Ion	180	Resp	203252
Ion	Ratio	Lower	Upper
180	100		
182	96.1	74.8	112.2
145	28.3	21.9	32.9

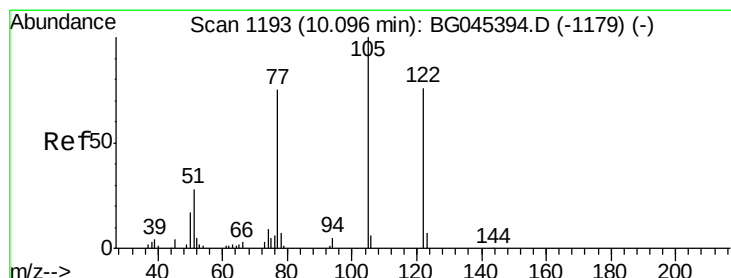
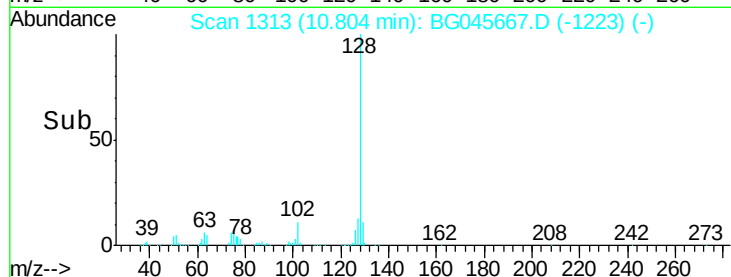
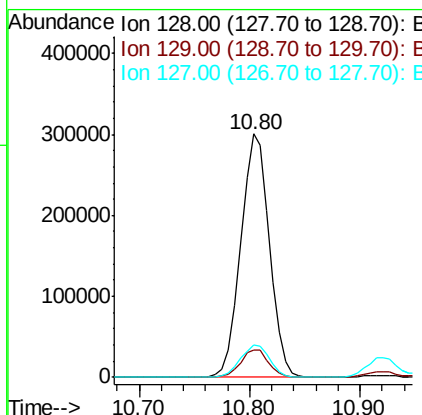
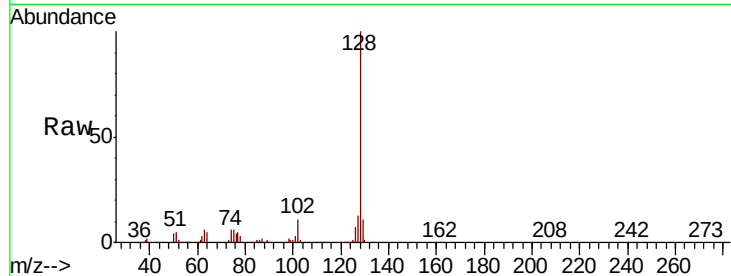




#31
Naphthalene
Concen: 40.826 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

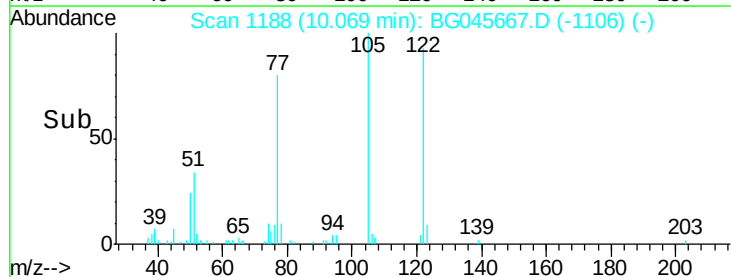
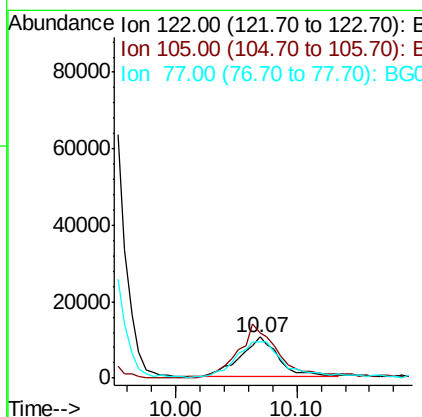
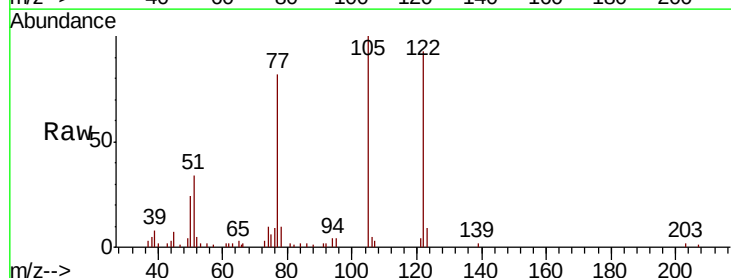
Instrument :
BNA_G
ClientSampleId :
VE-4-11MS

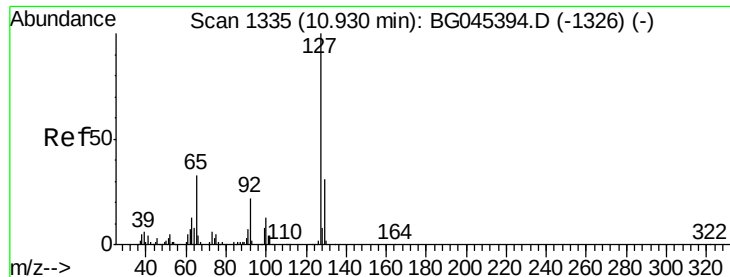
Tot Ion:128 Resp: 546944
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 17.525 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.05 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt Ion:122 Resp: 23111
Ion Ratio Lower Upper
122 100
105 108.0 107.9 147.9
77 88.2 78.9 118.9

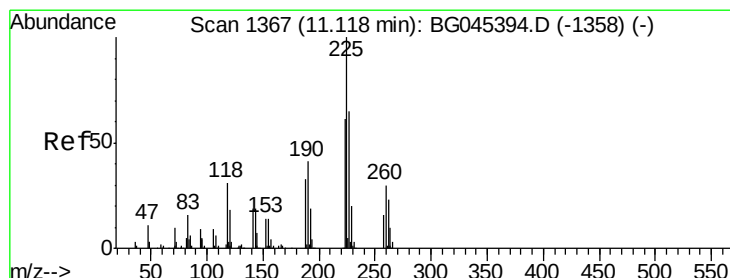
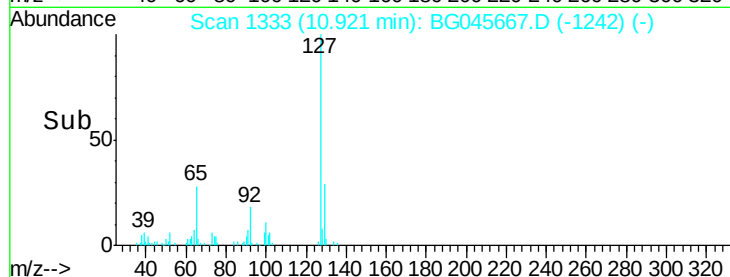
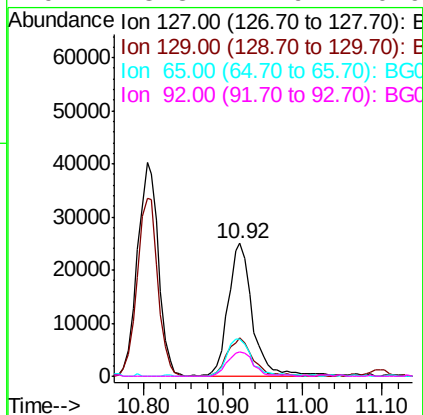
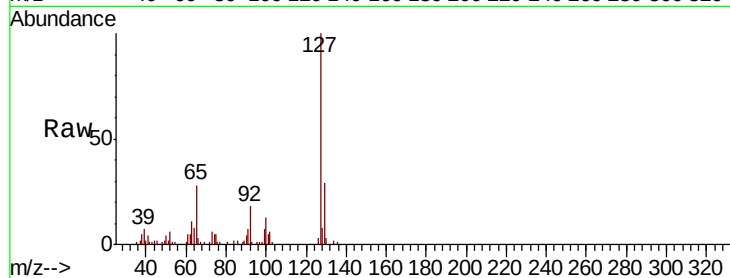




#33
4-Chloroaniline
Concen: 9.485 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

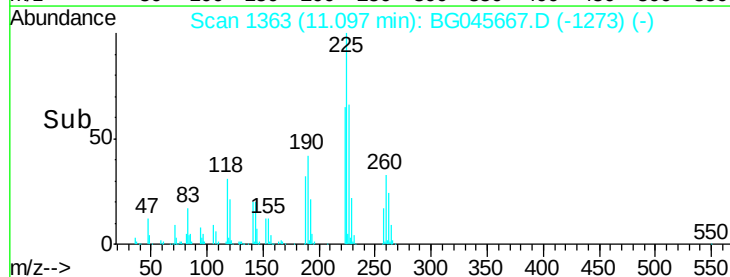
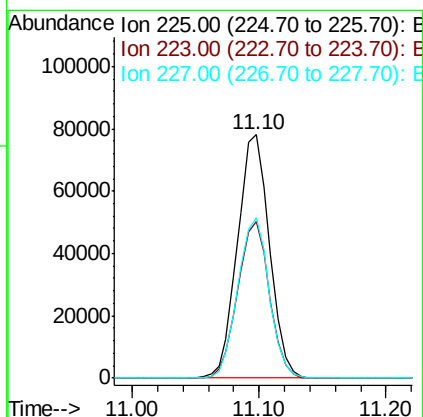
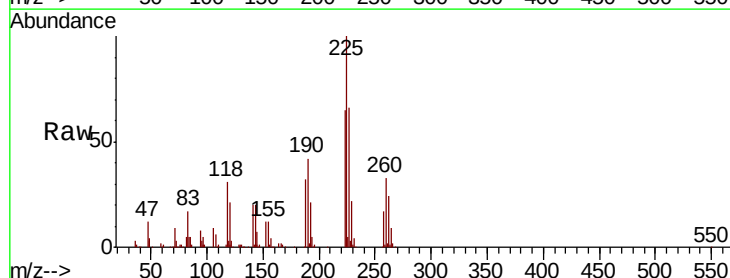
Instrument :
BNA_G
ClientSampleId :
VE-4-11MS

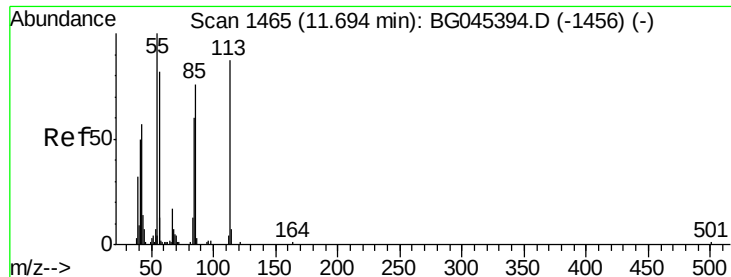
Tot Ion	Ratio	Lower	Upper
127	100		
129	28.7	24.7	37.1
65	28.4	26.2	39.2
92	18.3	17.9	26.9



#34
Hexachlorobutadiene
Concen: 38.543 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.1	73.7
227	65.9	52.0	78.0

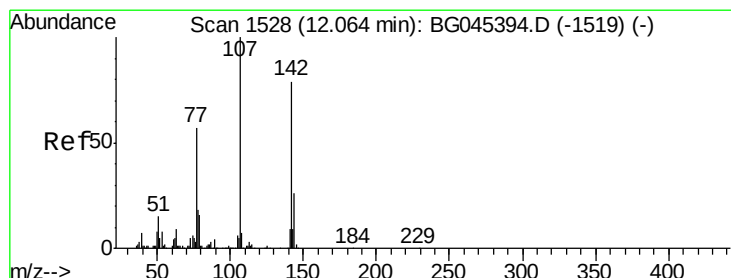
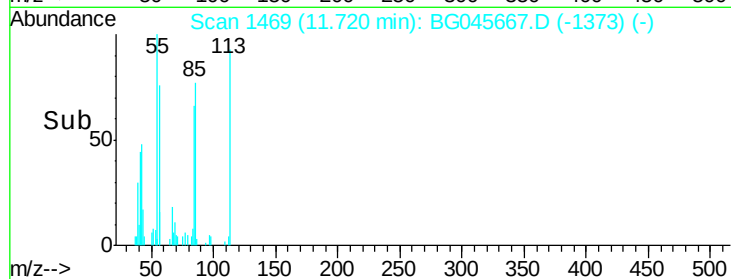
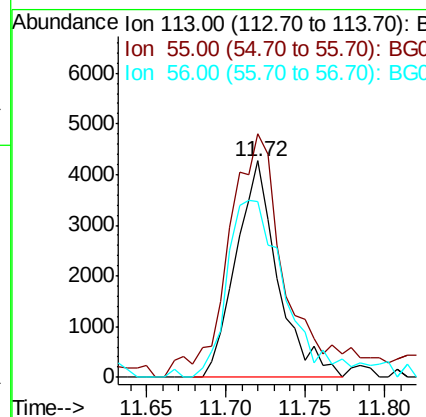
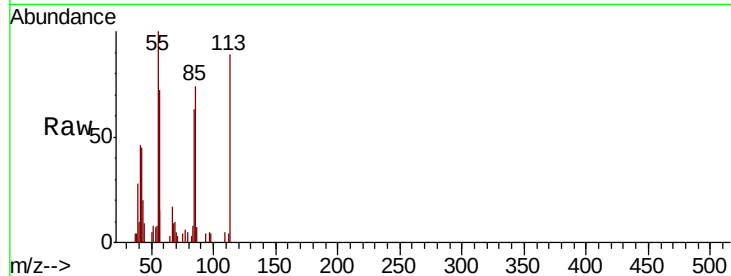




#35
 Caprolactam
 Concen: 5.025 ng
 RT: 11.72 min Scan# 1469
 Delta R.T. 0.03 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

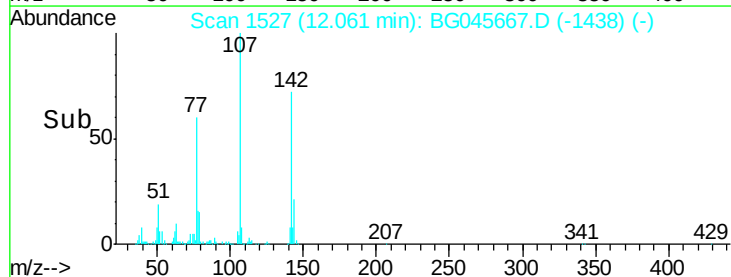
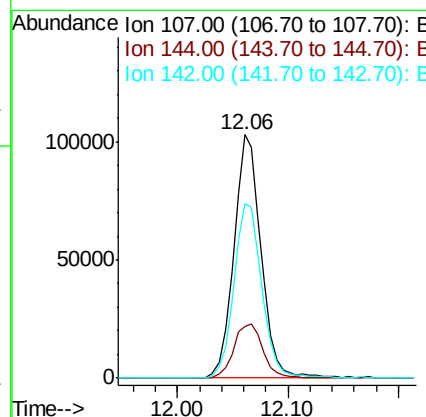
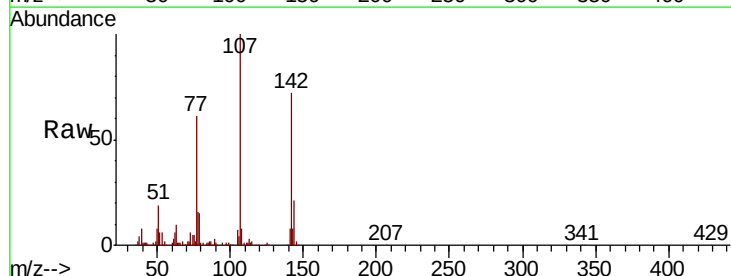
Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MS

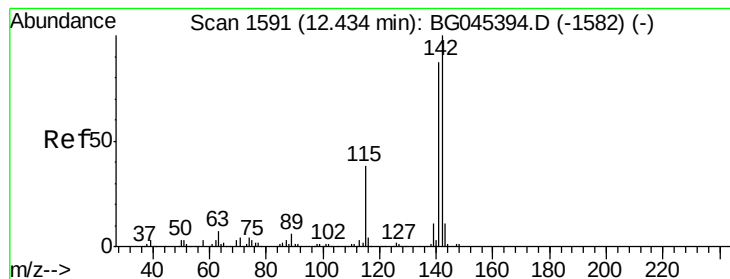
Tot Ion:113 Resp: 7806
 Ion Ratio Lower Upper
 113 100
 55 112.7 96.0 136.0
 56 81.5 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 37.105 ng
 RT: 12.06 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

Tgt Ion:107 Resp: 176944
 Ion Ratio Lower Upper
 107 100
 144 21.4 20.8 31.2
 142 71.7 62.8 94.2





#37

2-Methylnaphthalene

Concen: 41.844 ng

RT: 12.41 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

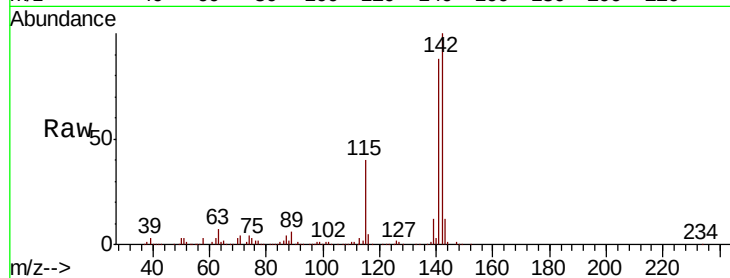
Tot Ion:142 Resp: 417824

Ion Ratio Lower Upper

142 100

141 87.8 70.0 105.0

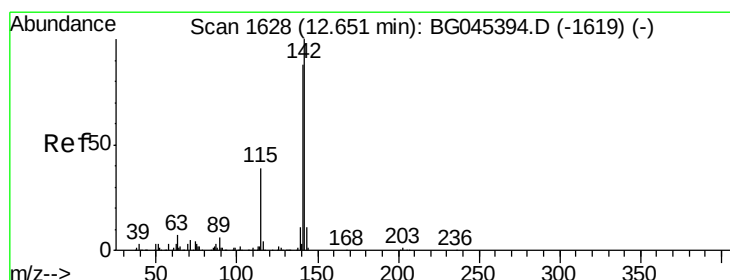
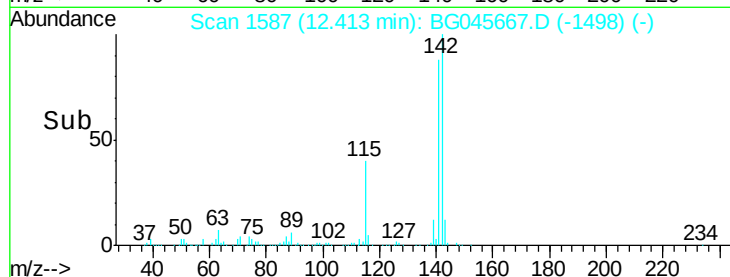
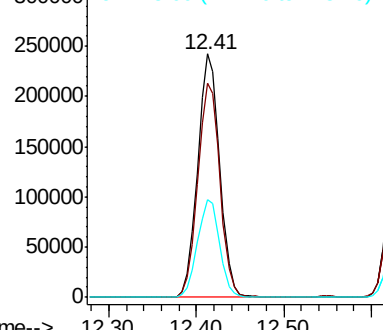
115 39.9 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.831 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

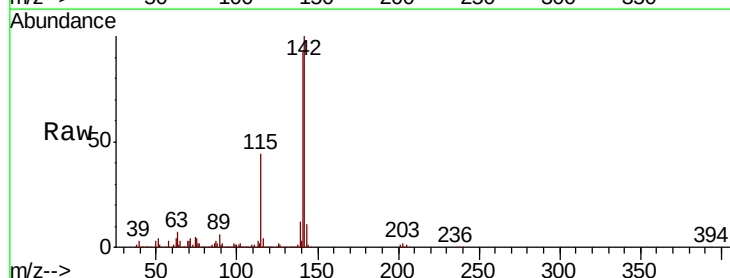
Tgt Ion:142 Resp: 394563

Ion Ratio Lower Upper

142 100

141 92.9 70.8 106.2

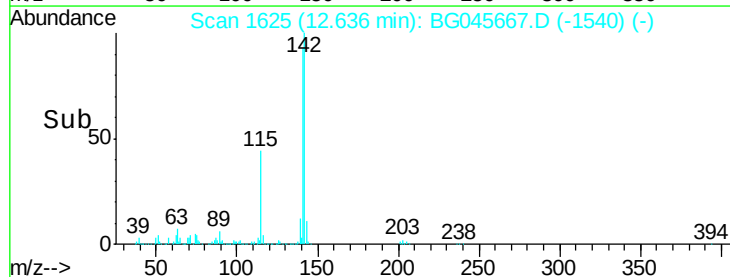
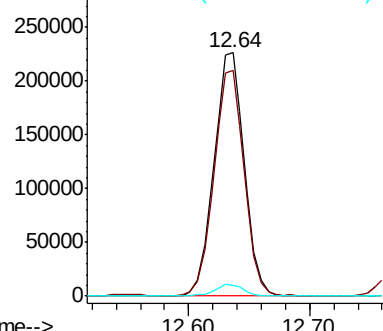
116 4.5 3.0 4.6

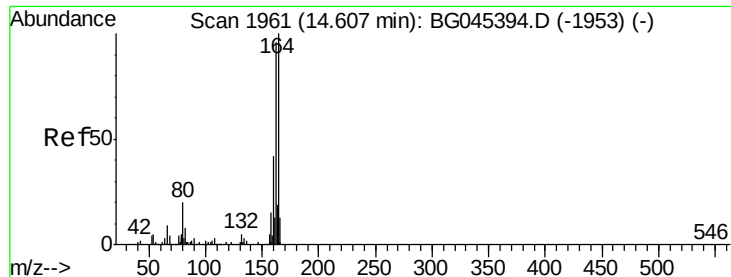


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

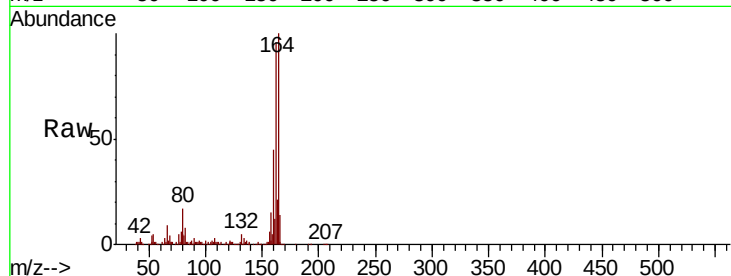
Tot Ion:164 Resp: 191791

Ion Ratio Lower Upper

164 100

162 96.4 76.9 115.3

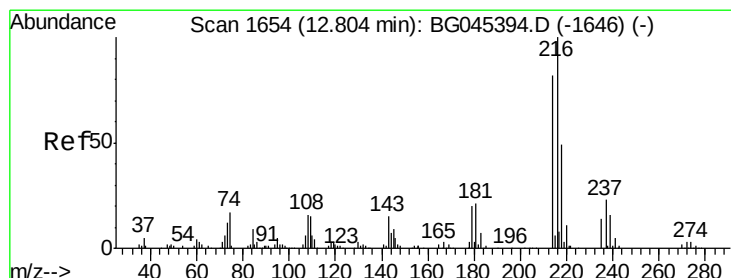
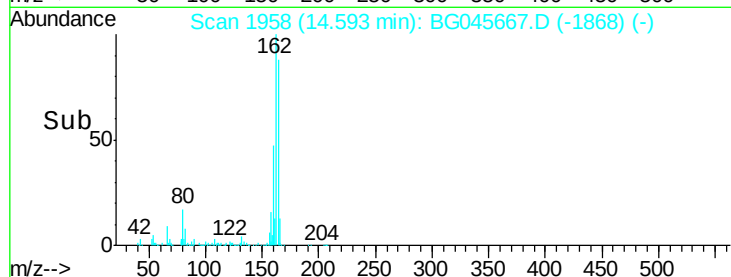
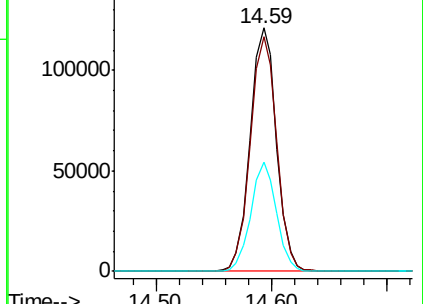
160 45.0 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.508 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Tgt Ion:216 Resp: 238431

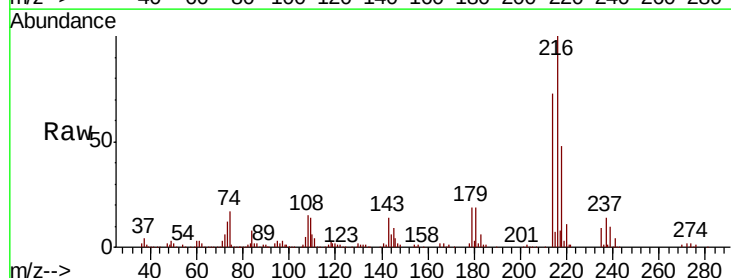
Ion Ratio Lower Upper

216 100

214 78.3 63.7 95.5

179 19.8 16.1 24.1

108 19.2 13.8 20.6

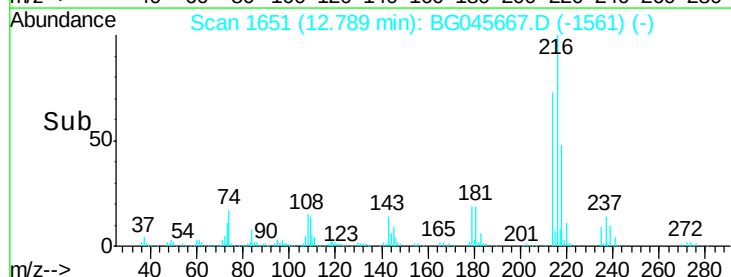
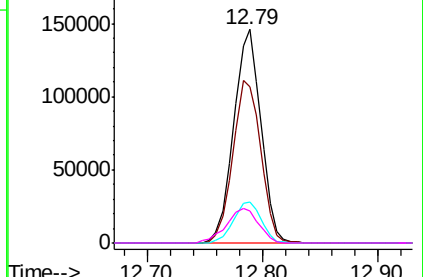


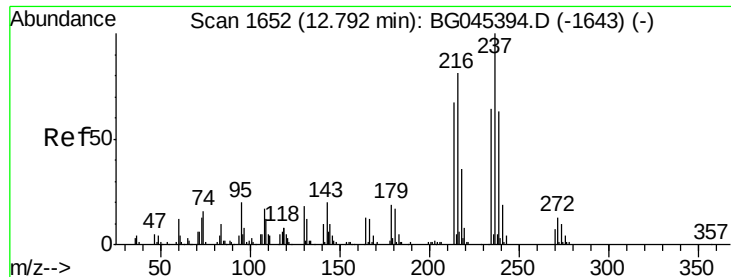
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.010 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

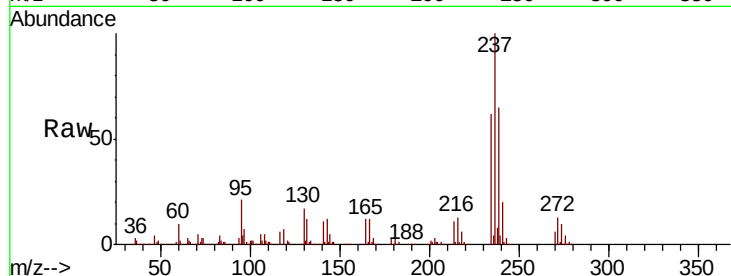
Tot Ion:237 Resp: 278308

Ion Ratio Lower Upper

237 100

235 62.2 44.4 84.4

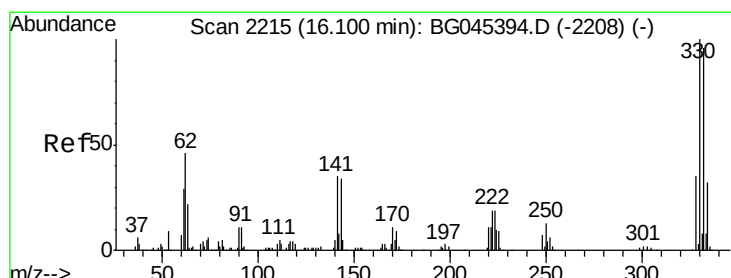
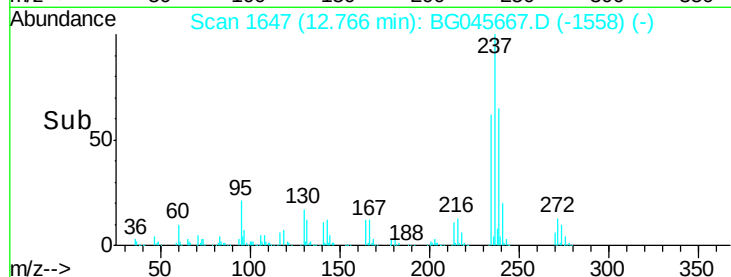
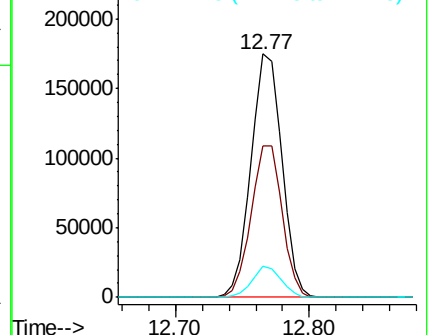
272 12.6 0.0 32.5



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: 130.685 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

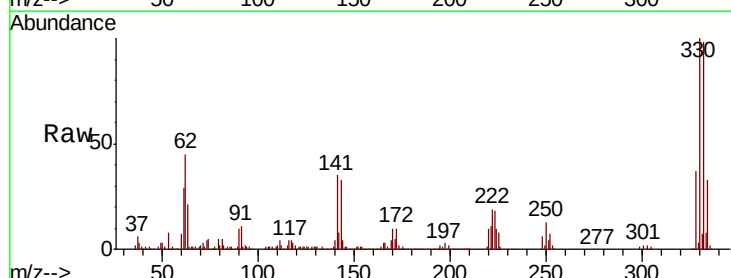
Tgt Ion:330 Resp: 320543

Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.4

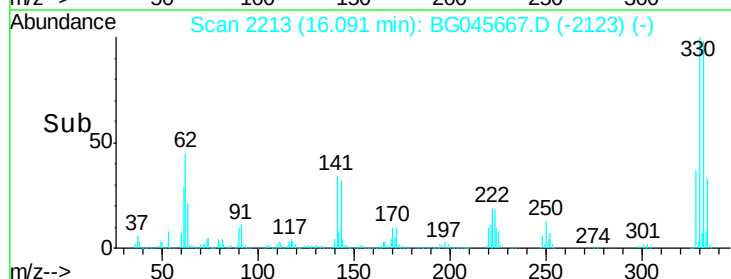
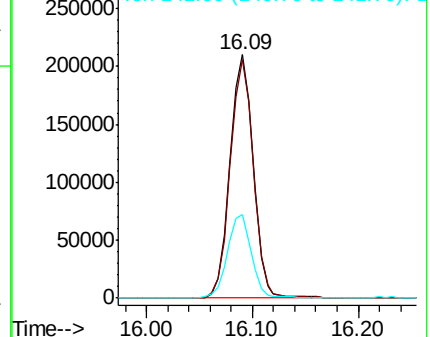
141 35.0 28.2 42.4

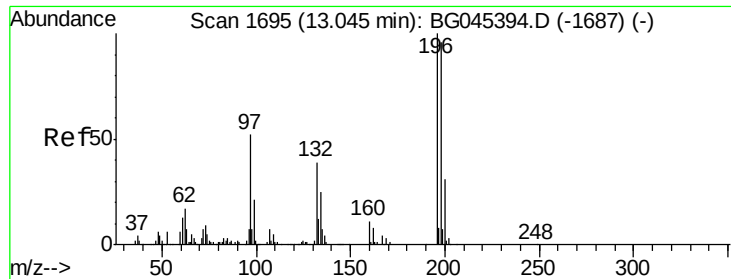


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

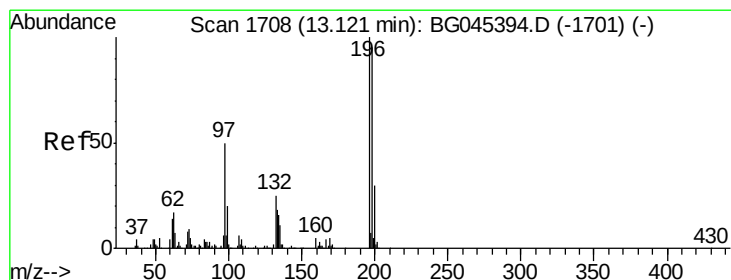
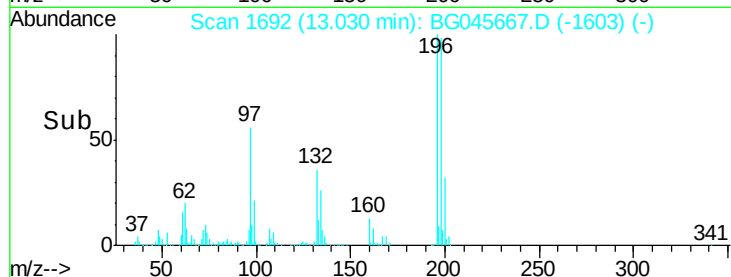
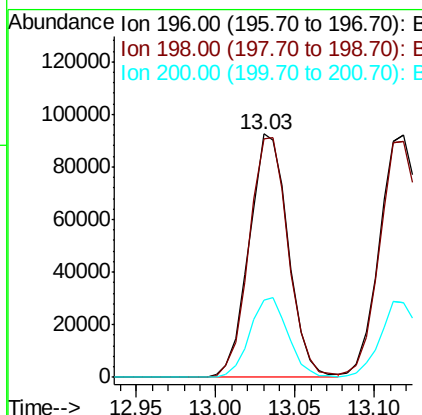
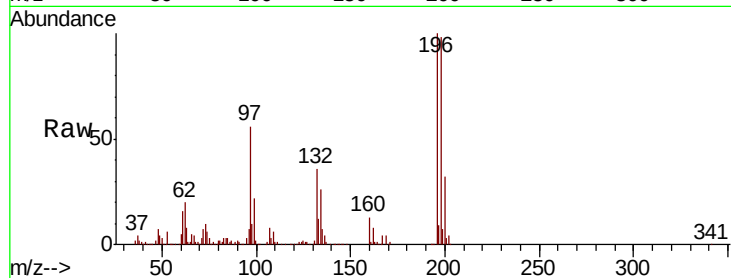




#43
 2,4,6-Trichlorophenol
 Concen: 42.653 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

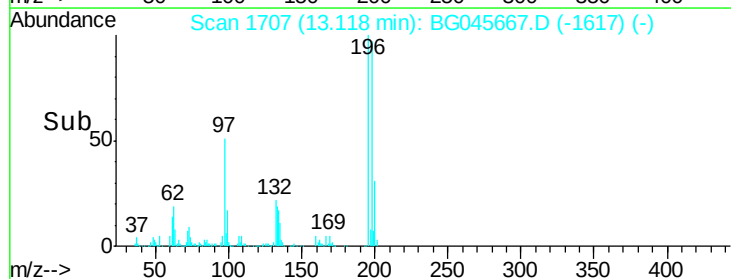
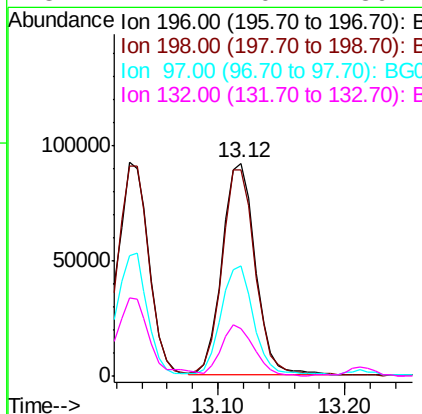
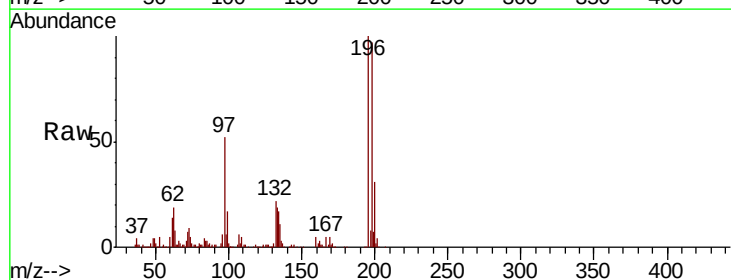
Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MS

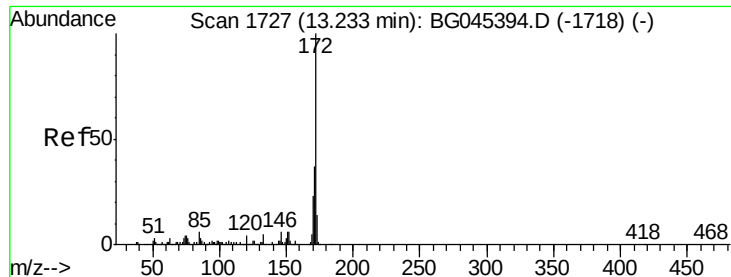
Tot Ion:196 Resp: 158726
 Ion Ratio Lower Upper
 196 100
 198 98.0 76.7 115.1
 200 31.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.064 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

Tgt Ion:196 Resp: 166120
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.1 114.1
 97 51.9 40.0 60.0
 132 22.4 20.2 30.2



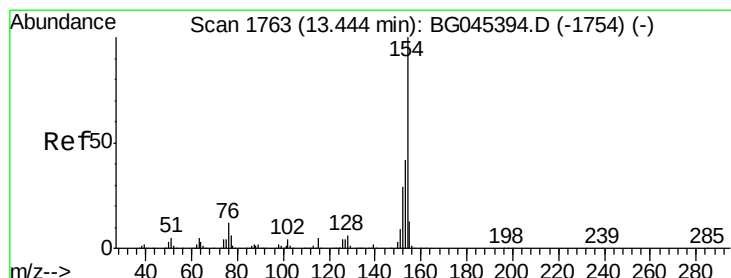
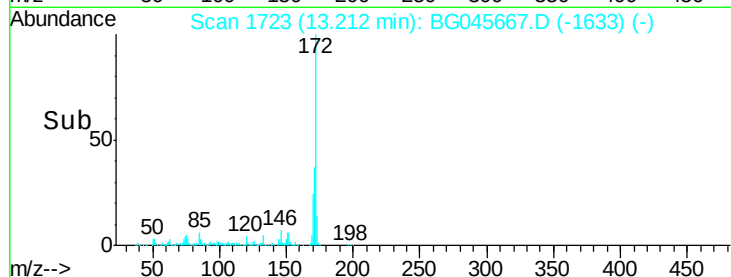
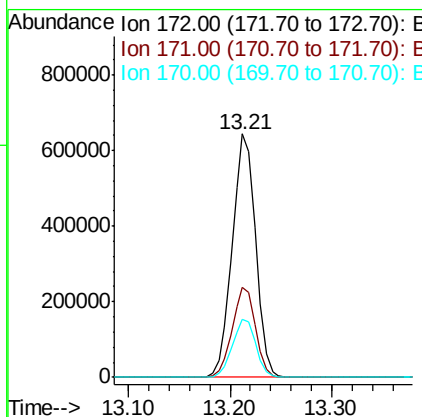
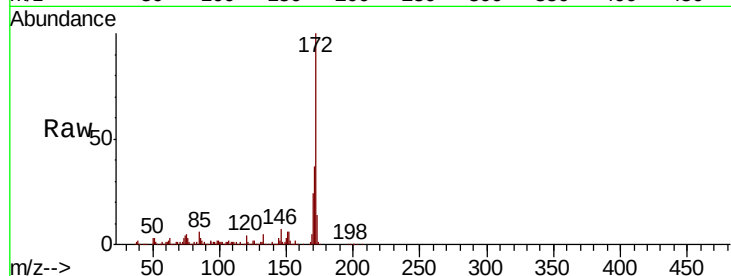


#45
2-Fluorobiphenyl
Concen: 91.005 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Instrument :
BNA_G
ClientSampleId :
VE-4-11MS

Tot Ion:172 Resp: 1029003

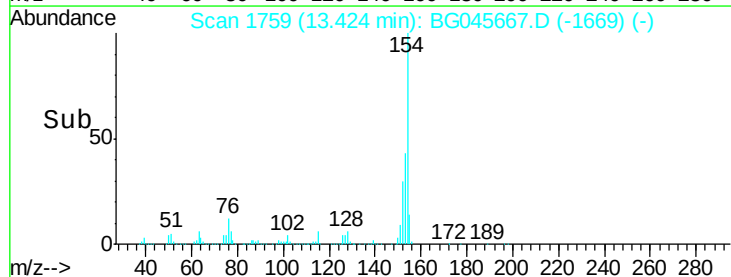
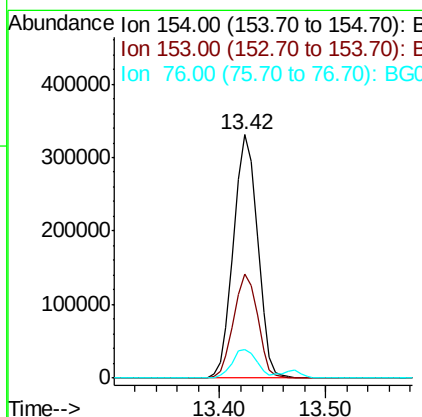
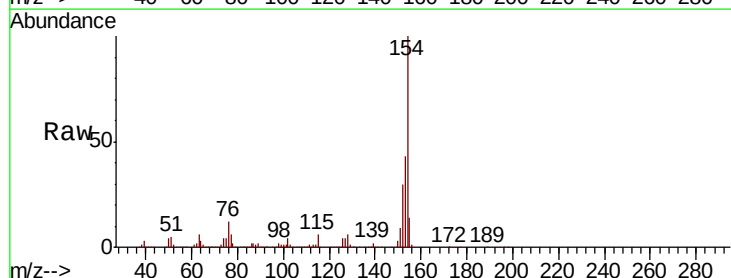
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.5	44.3
170	23.8	18.5	27.7

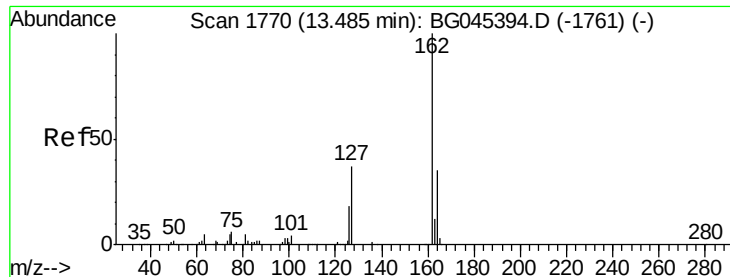


#46
1,1'-Biphenyl
Concen: 44.372 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt Ion:154 Resp: 522906

Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.2	62.2
76	12.0	0.0	32.4





#47

2-Chloronaphthalene

Concen: 41.581 ng

RT: 13.47 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

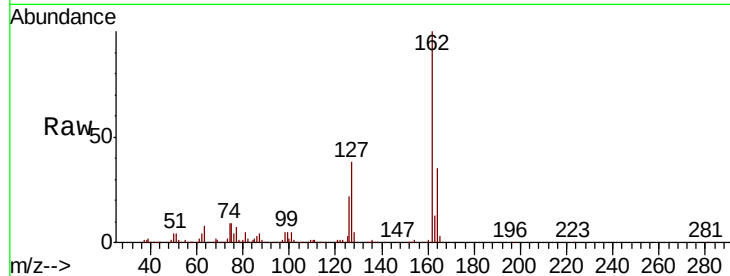
Tot Ion:162 Resp: 397918

Ion Ratio Lower Upper

162 100

127 38.1 31.6 47.4

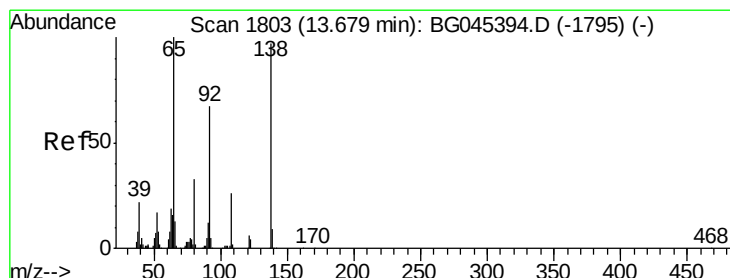
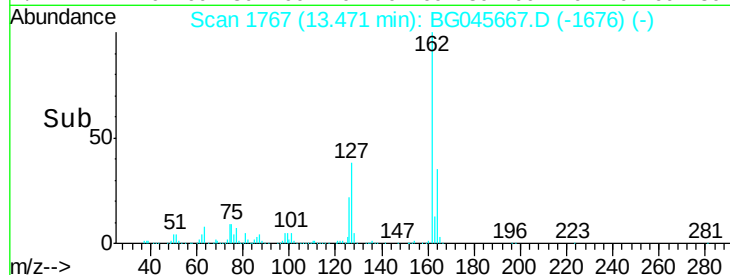
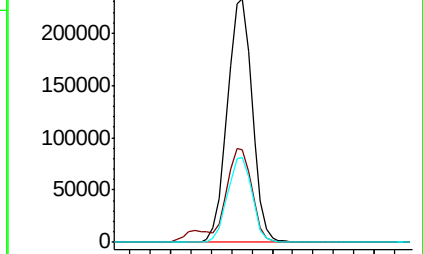
164 35.1 28.1 42.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.620 ng

RT: 13.68 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

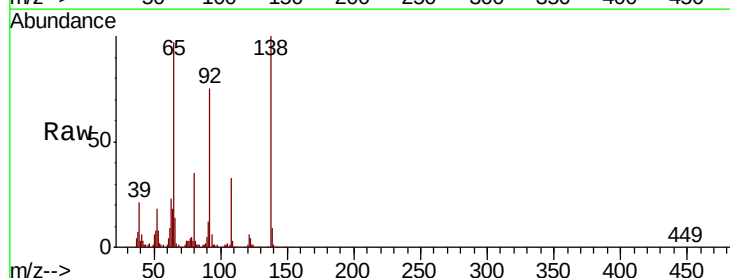
Tgt Ion: 65 Resp: 124718

Ion Ratio Lower Upper

65 100

92 77.7 53.8 80.8

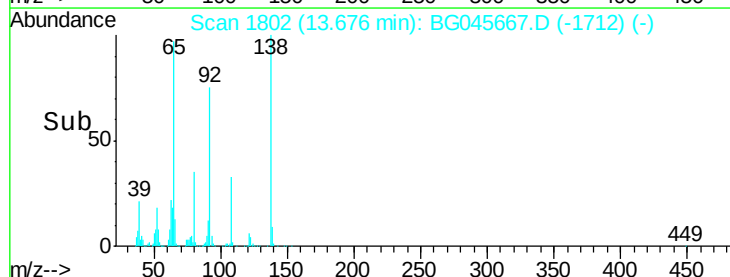
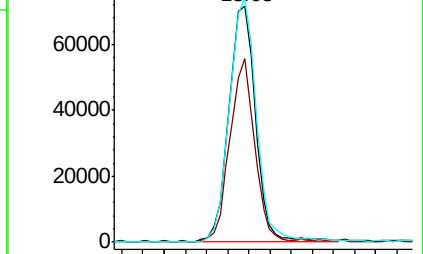
138 103.3 77.9 116.9

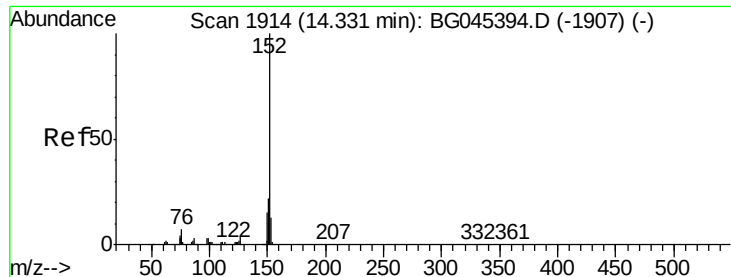


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.820 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

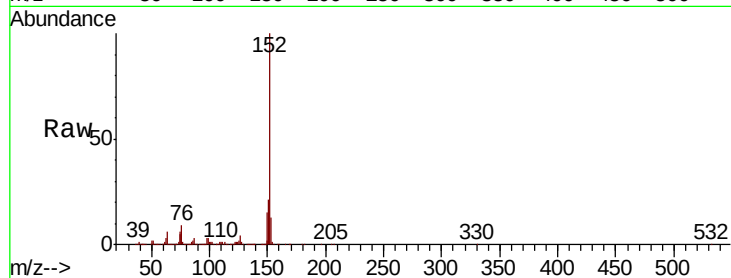
Tot Ion:152 Resp: 642820

Ion Ratio Lower Upper

152 100

151 21.2 17.4 26.2

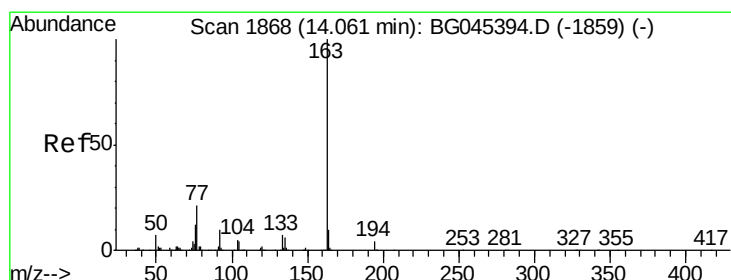
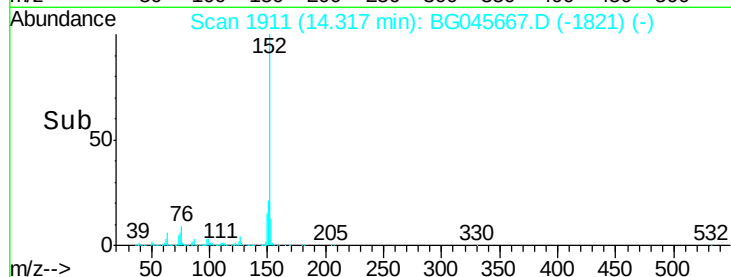
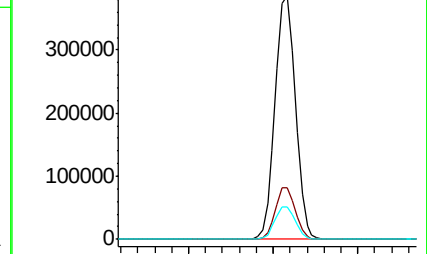
153 13.4 10.7 16.1



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: 52.695 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

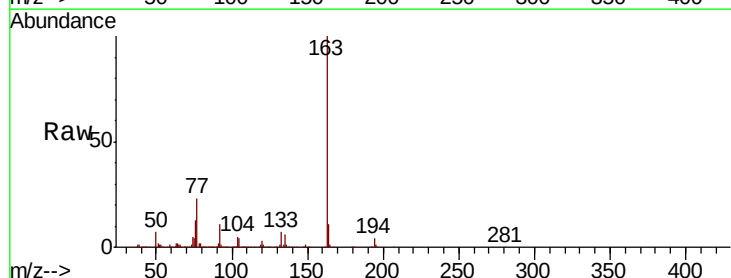
Tgt Ion:163 Resp: 693292

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

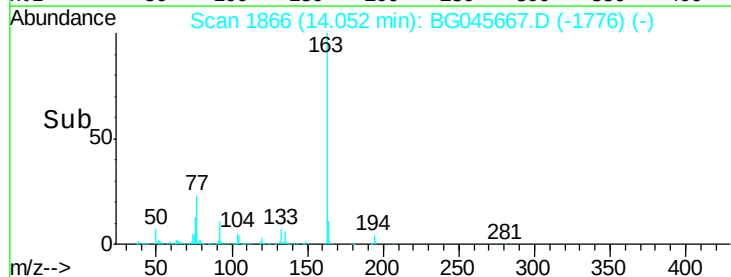
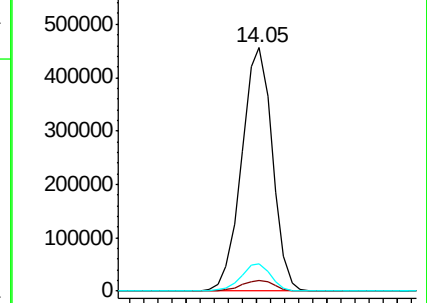
164 11.0 8.3 12.5

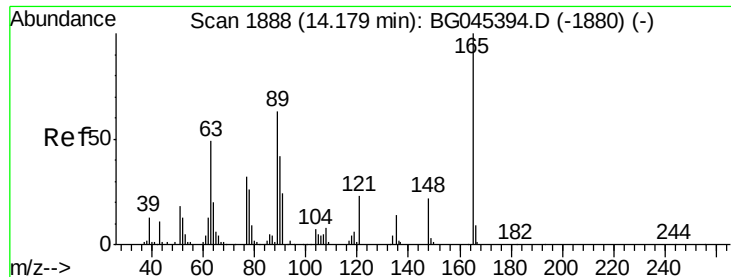


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

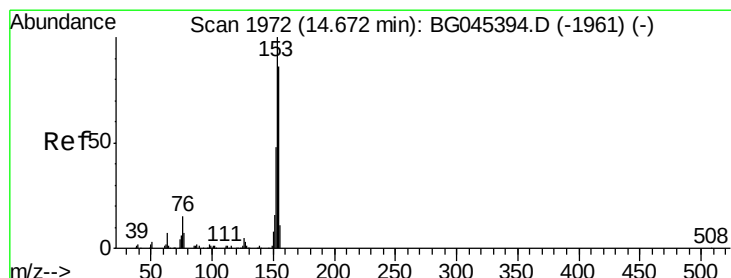
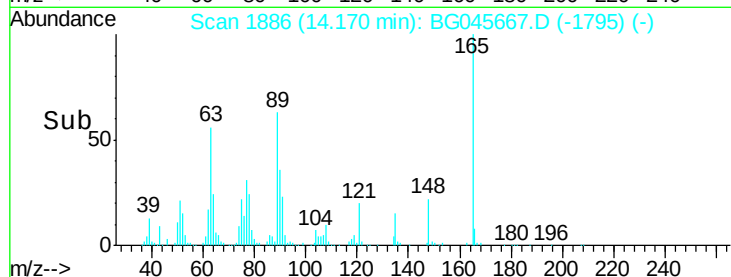
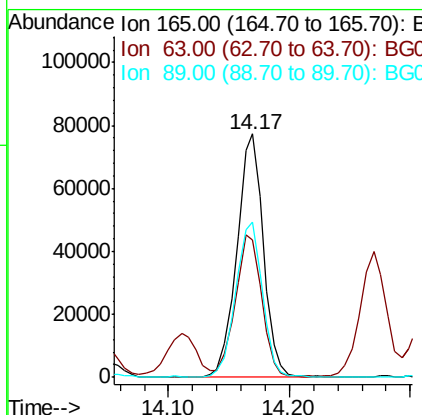
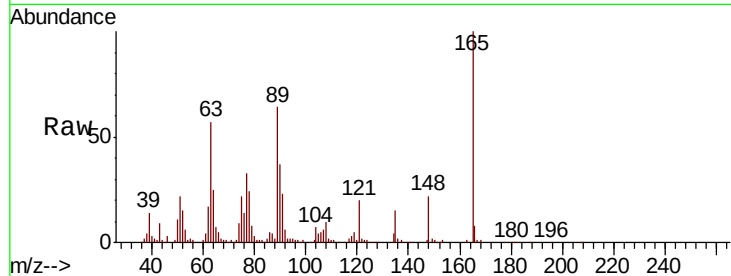




#51
 2,6-Dinitrotoluene
 Concen: 39.916 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

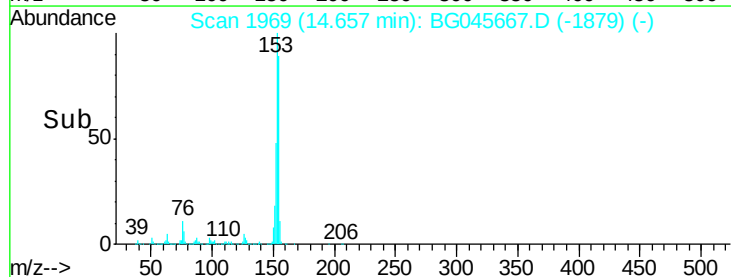
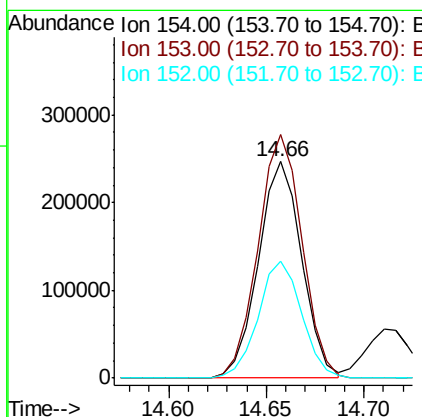
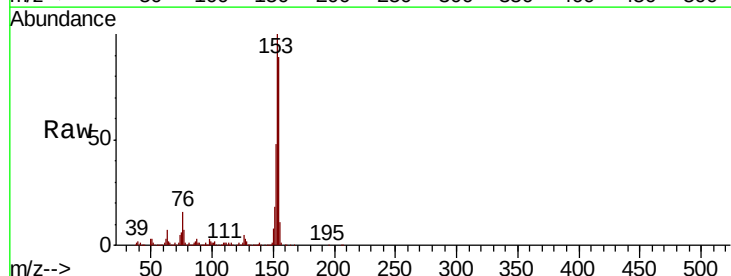
Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MS

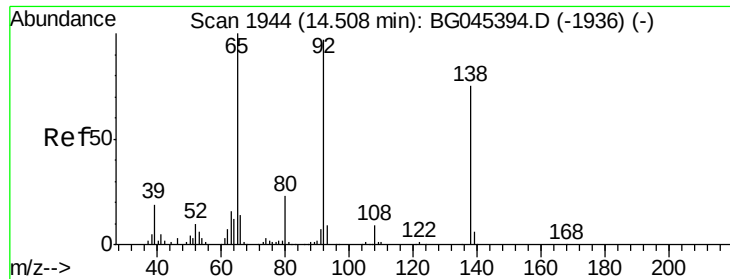
Tot Ion:165 Resp: 118502
 Ion Ratio Lower Upper
 165 100
 63 56.7 45.0 67.4
 89 63.5 50.2 75.4



#52
 Acenaphthene
 Concen: 36.756 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

Tgt Ion:154 Resp: 378189
 Ion Ratio Lower Upper
 154 100
 153 112.7 92.8 139.2
 152 54.4 44.6 66.8

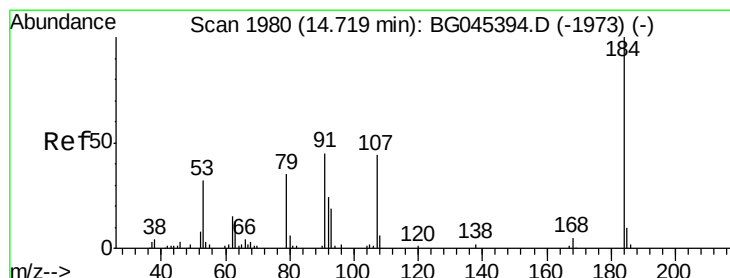
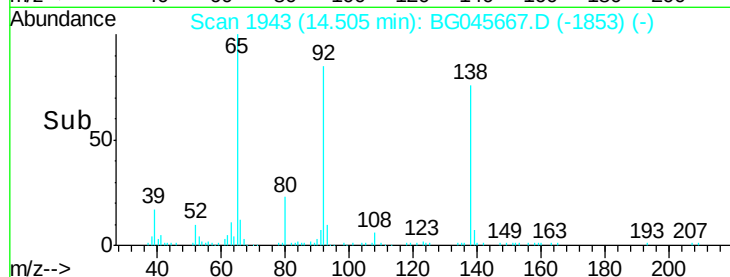
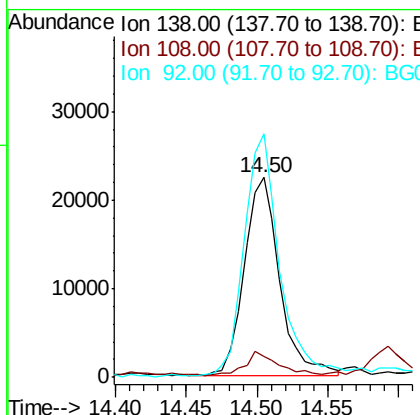
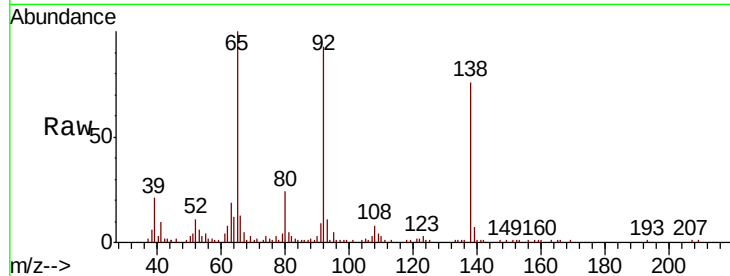




#53
3-Nitroaniline
Concen: 13.107 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

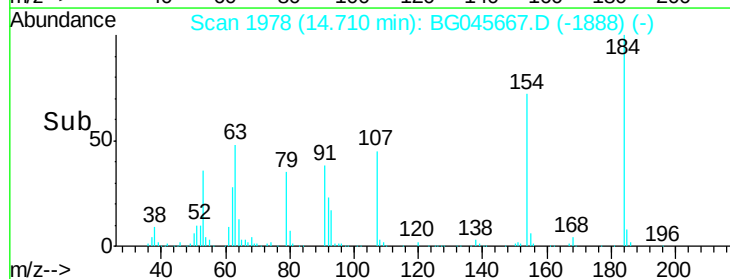
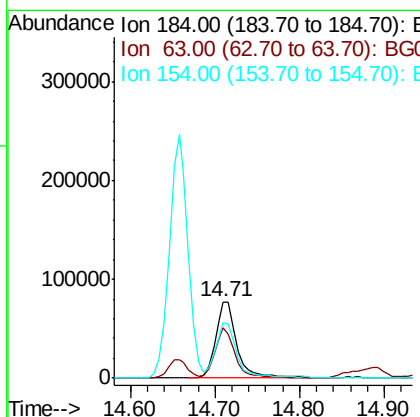
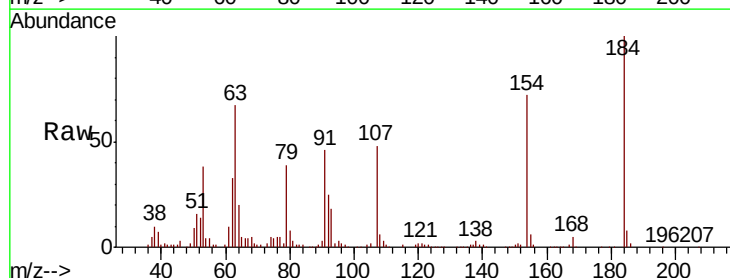
Instrument :
BNA_G
ClientSampleId :
VE-4-11MS

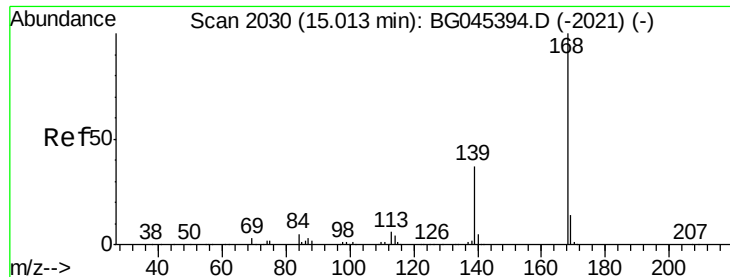
Tot Ion:138 Resp: 39556
Ion Ratio Lower Upper
138 100
108 10.4 9.8 14.6
92 121.9 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 71.866 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt Ion:184 Resp: 138605
Ion Ratio Lower Upper
184 100
63 66.6 47.8 71.6
154 71.9 58.3 87.5

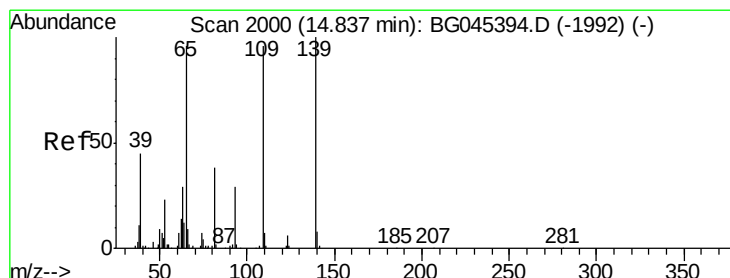
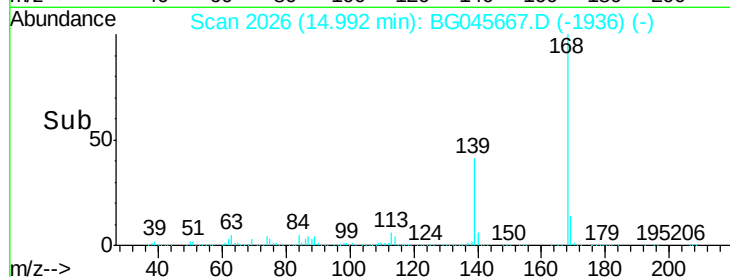
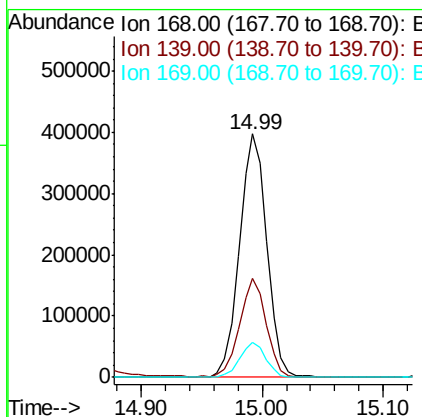
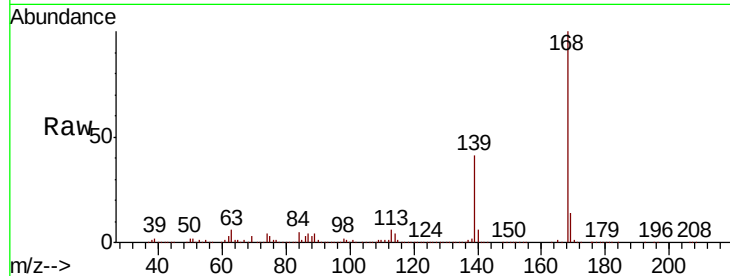




#55
Dibenzofuran
Concen: 40.969 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

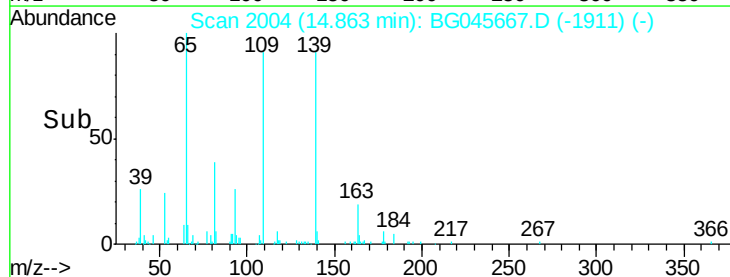
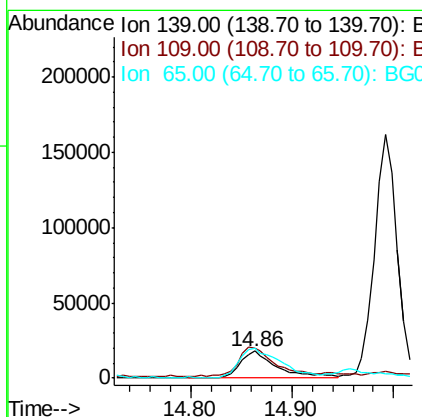
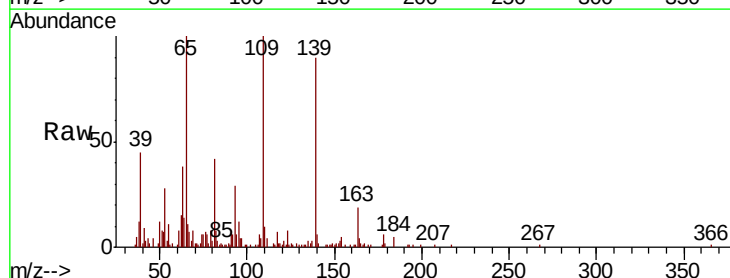
Instrument :
BNA_G
ClientSampleId :
VE-4-11MS

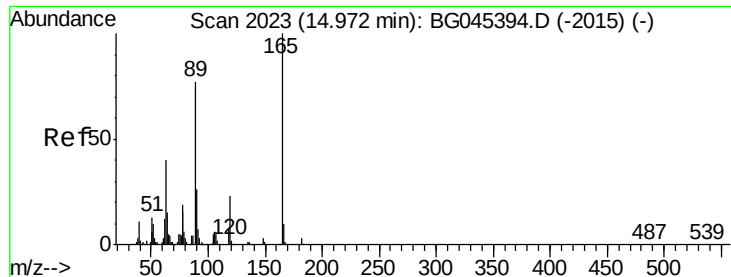
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	29.9	44.9
169	14.4	10.9	16.3



#56
4-Nitrophenol
Concen: 19.097 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.9	75.6	115.6
65	110.4	76.8	116.8

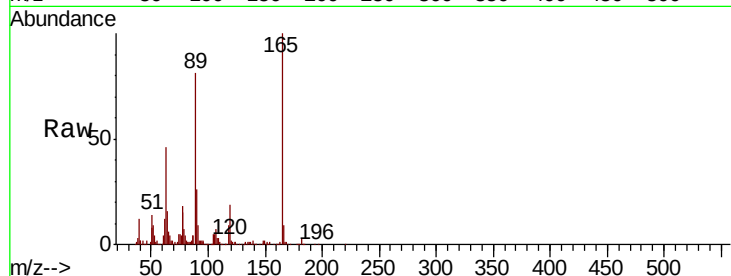




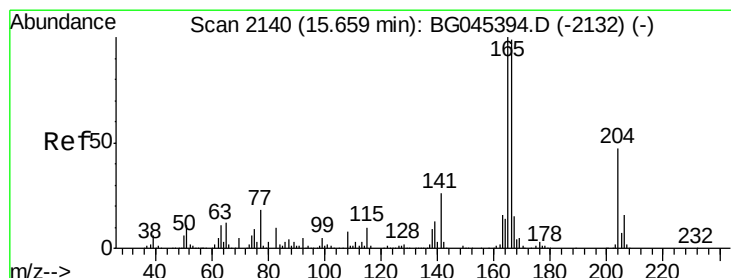
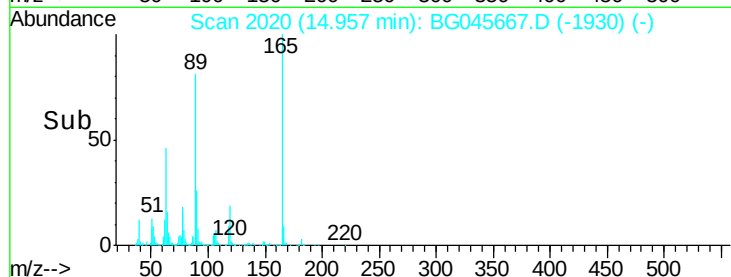
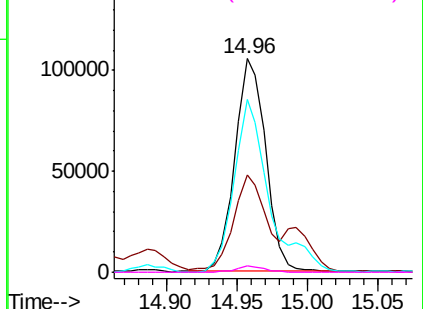
#57
2,4-Dinitrotoluene
Concen: 37.391 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Instrument :
BNA_G
ClientSampleId :
VE-4-11MS

Tot Ion:165 Resp: 160768
Ion Ratio Lower Upper
165 100
63 45.8 32.5 48.7
89 80.7 61.8 92.6
182 2.9 2.3 3.5

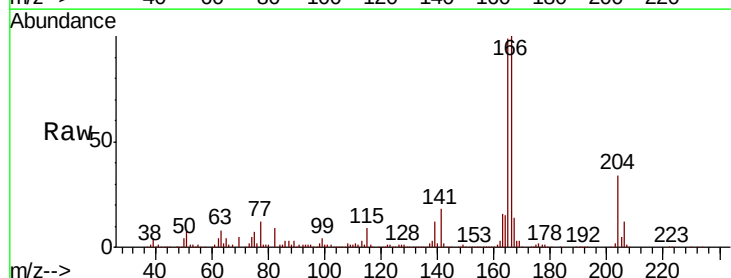


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

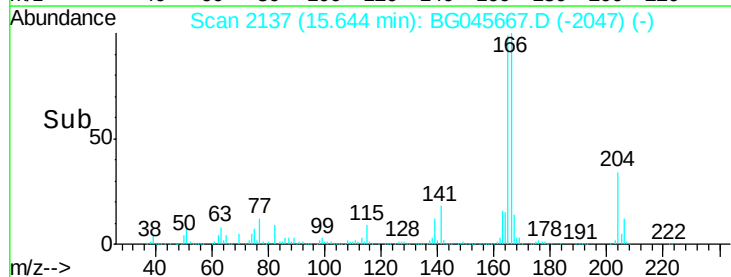
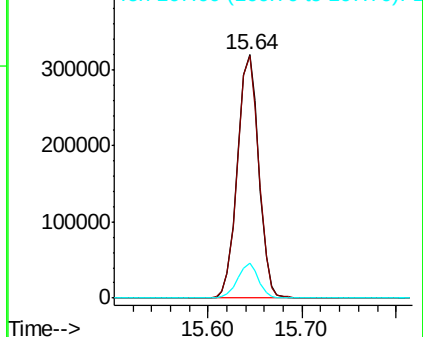


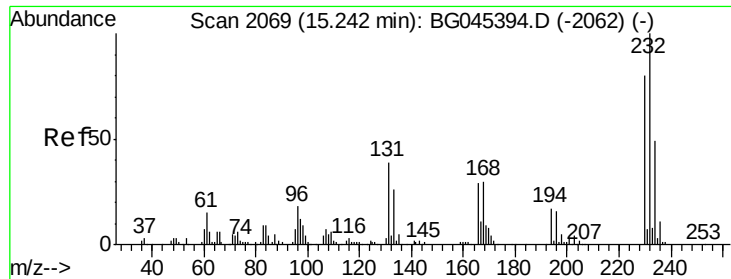
#58
Fluorene
Concen: 40.027 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt Ion:166 Resp: 502453
Ion Ratio Lower Upper
166 100
165 99.3 80.8 121.2
167 14.1 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

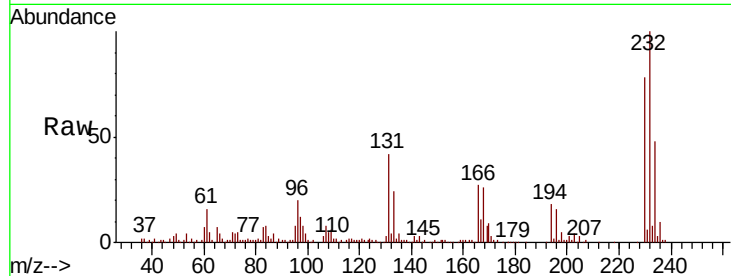




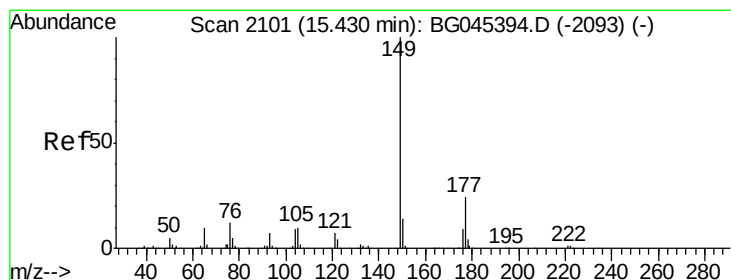
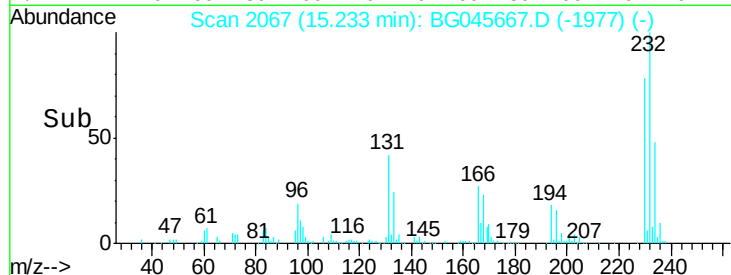
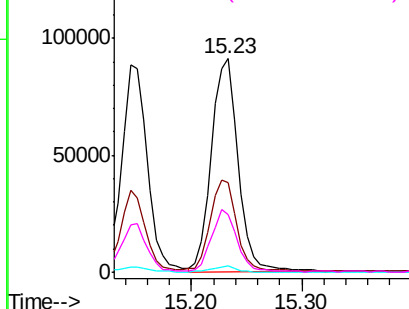
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.527 ng
RT: 15.23 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Instrument :
BNA_G
ClientSampled :
VE-4-11MS

Tot Ion:232 Resp: 151620
Ion Ratio Lower Upper
232 100
131 41.0 33.7 50.5
130 2.8 2.1 3.1
166 27.9 23.2 34.8

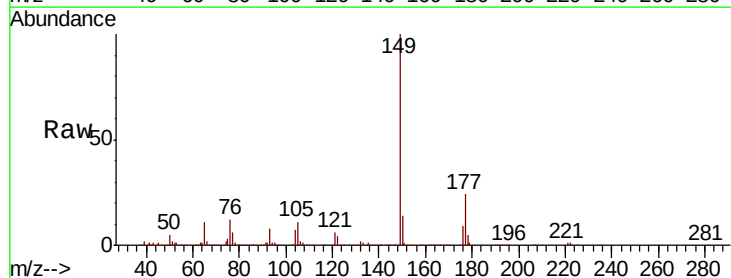


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

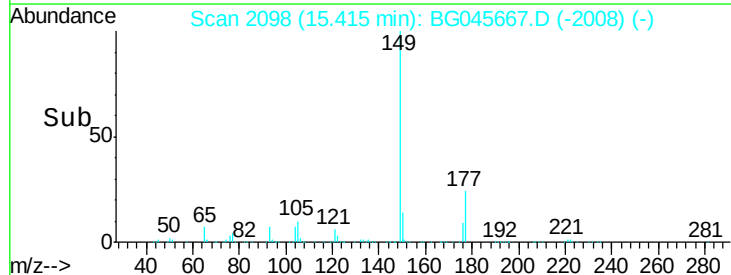
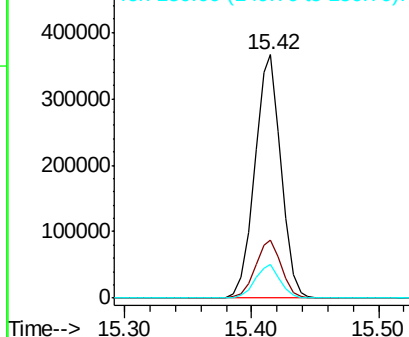


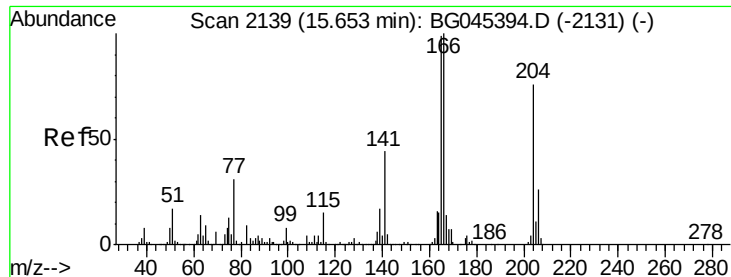
#60
Diethylphthalate
Concen: 38.267 ng
RT: 15.42 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt Ion:149 Resp: 524031
Ion Ratio Lower Upper
149 100
177 23.8 19.0 28.4
150 13.7 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

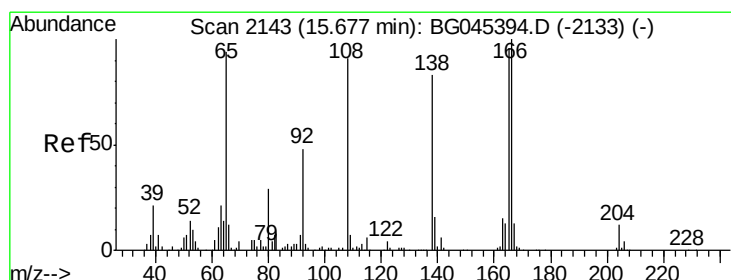
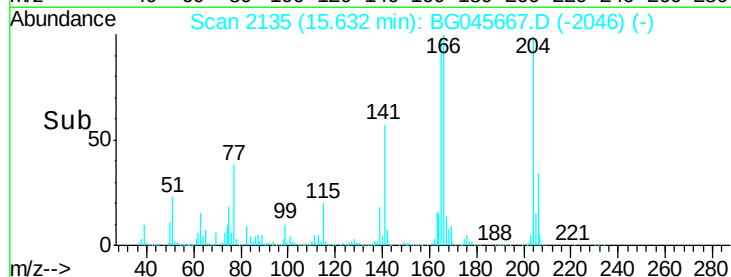
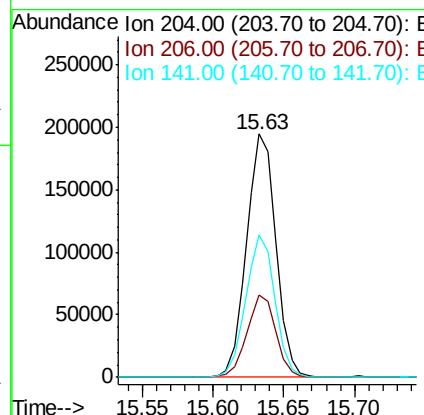
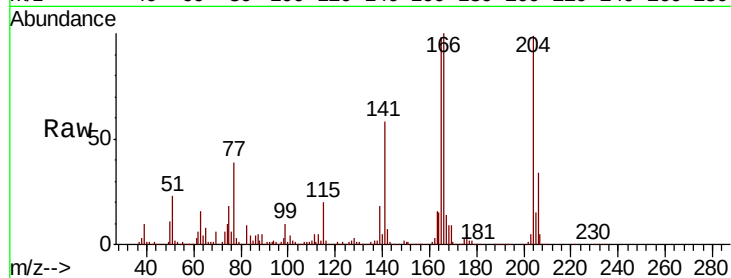




#61
4-Chlorophenyl-phenylether
Concen: 39.428 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

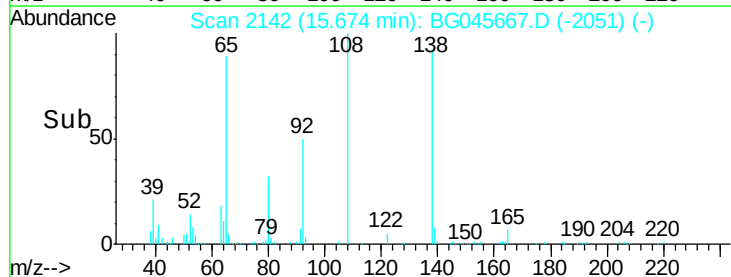
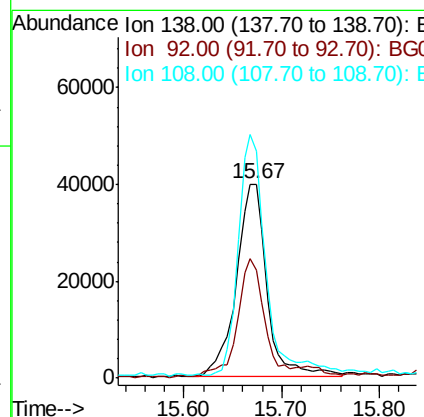
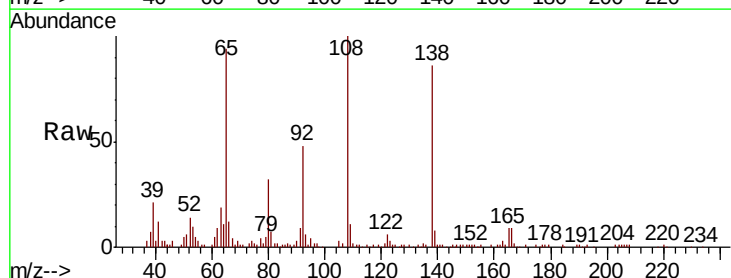
Instrument :
BNA_G
ClientSampleId :
VE-4-11MS

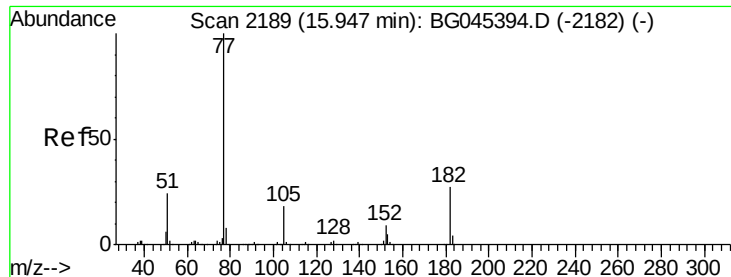
Tot Ion:204 Resp: 283222
Ion Ratio Lower Upper
204 100
206 34.0 27.3 40.9
141 58.5 45.9 68.9



#62
4-Nitroaniline
Concen: 27.644 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt Ion:138 Resp: 87097
Ion Ratio Lower Upper
138 100
92 55.9 38.0 78.0
108 116.9 89.3 129.3





#63

Azobenzene

Concen: 40.244 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

Tot Ion: 77 Resp: 513866

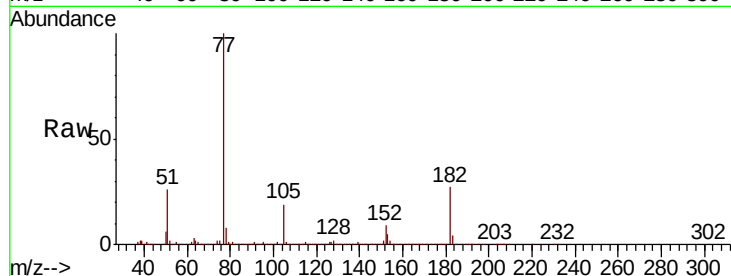
Ion Ratio Lower Upper

77 100

182 27.2 6.5 46.5

105 19.0 0.0 37.9

51 25.5 4.1 44.1

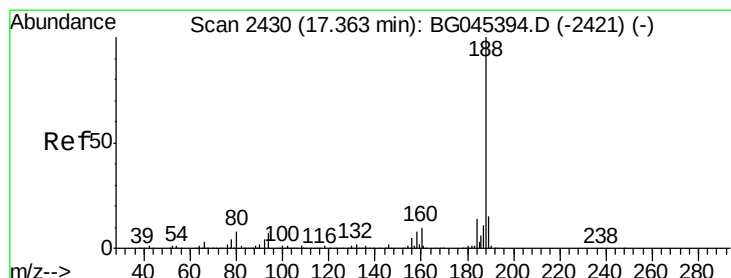
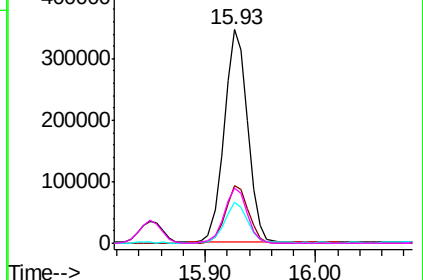
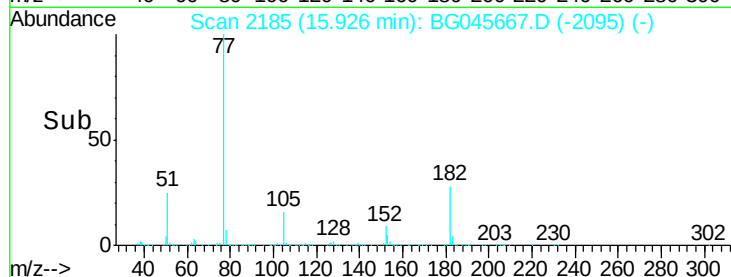


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2426

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

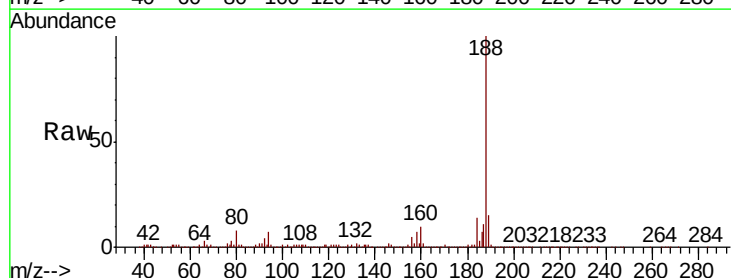
Tgt Ion: 188 Resp: 403797

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

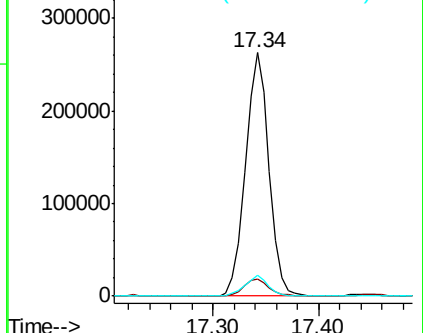
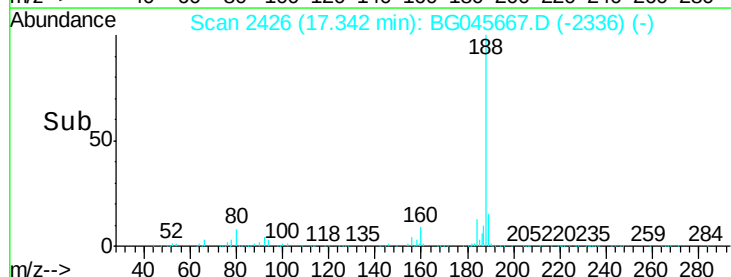
80 8.4 6.6 10.0

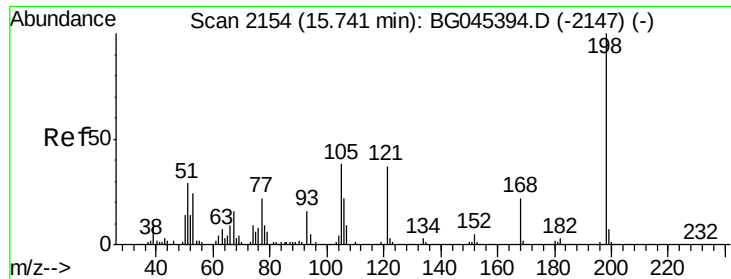


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.948 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

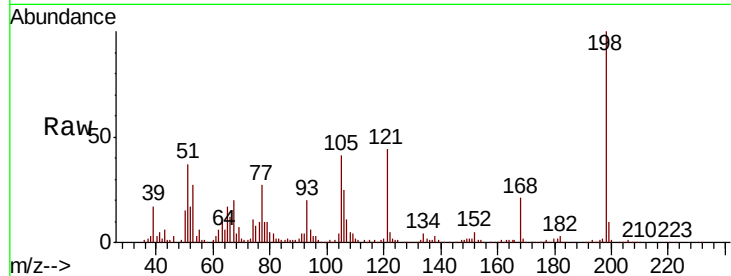
Tot Ion:198 Resp: 103352

Ion Ratio Lower Upper

198 100

51 37.4 10.0 50.0

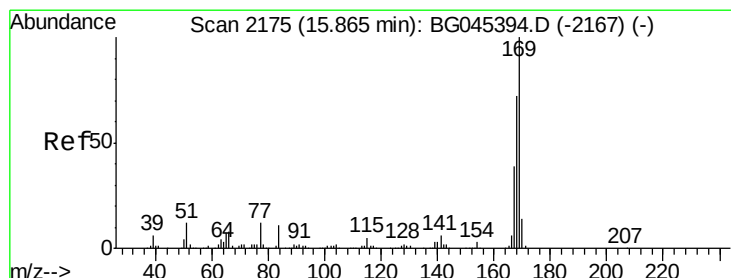
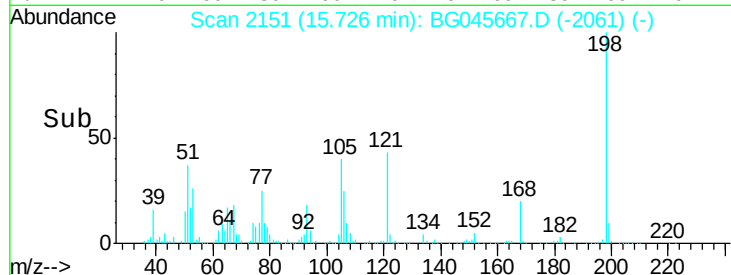
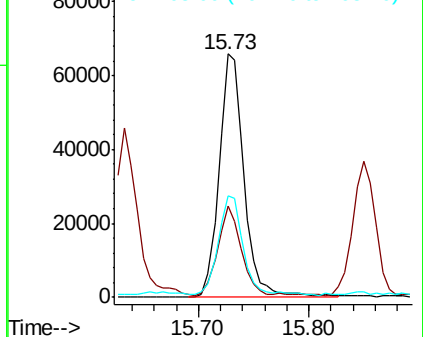
105 41.5 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.410 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

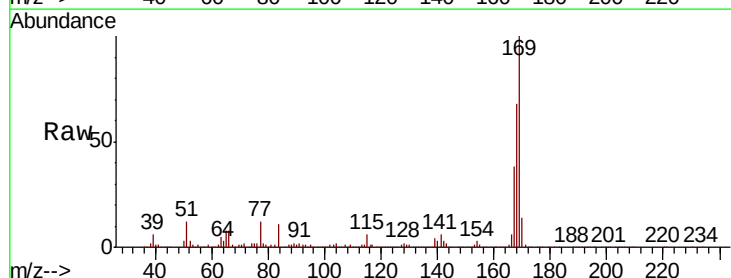
Tgt Ion:169 Resp: 449949

Ion Ratio Lower Upper

169 100

168 68.2 57.8 86.6

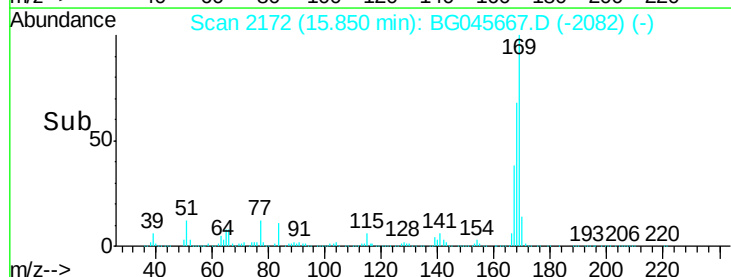
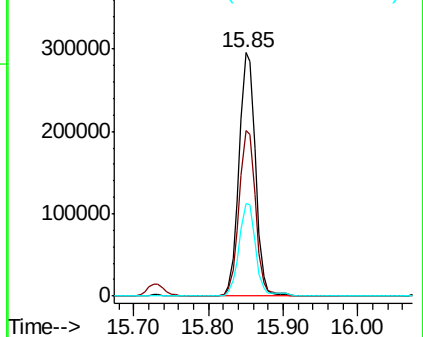
167 37.9 31.5 47.3

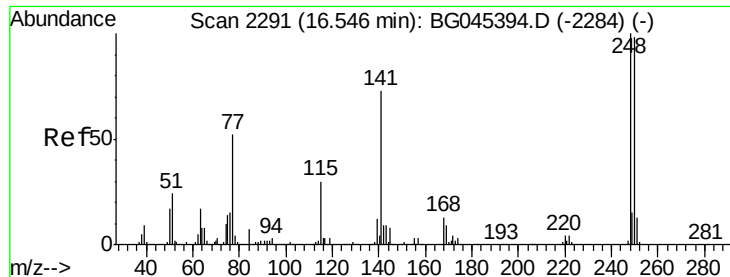


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

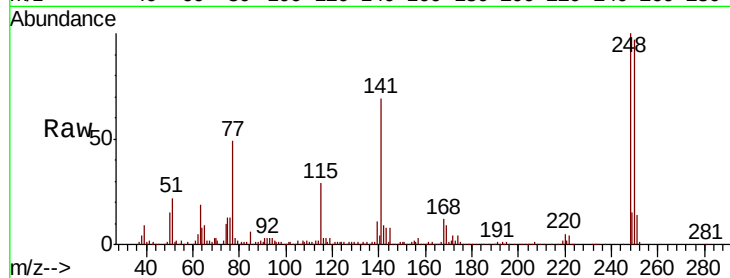




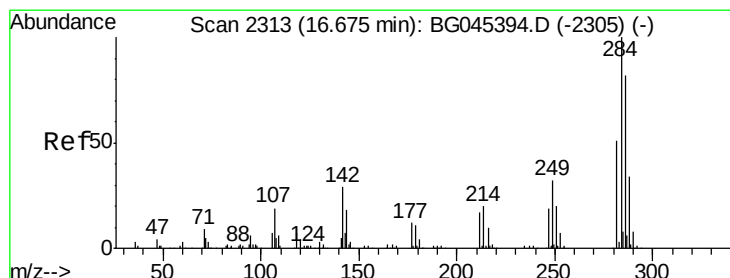
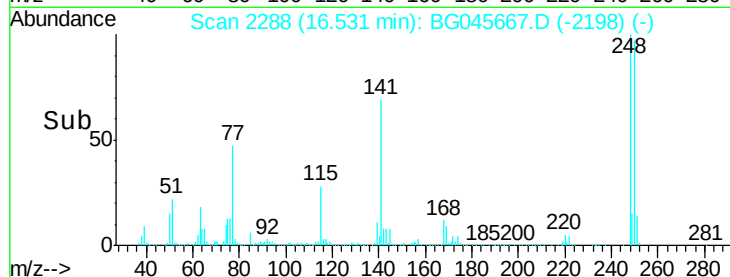
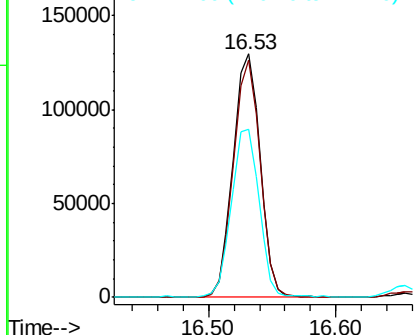
#67
4-Bromophenyl-phenylether
Concen: 43.930 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Instrument :
BNA_G
ClientSampleId :
VE-4-11MS

Tot Ion:248 Resp: 192083
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 69.2 58.2 87.2

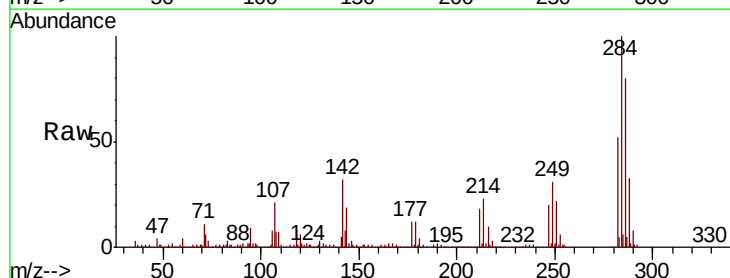


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

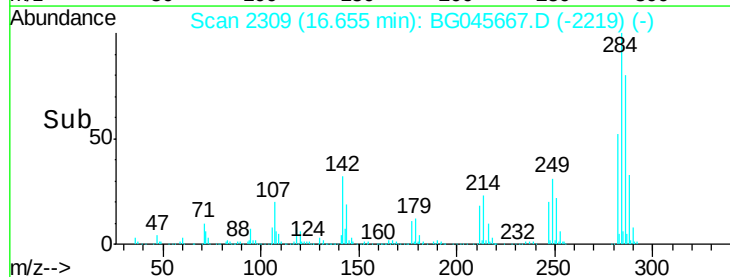
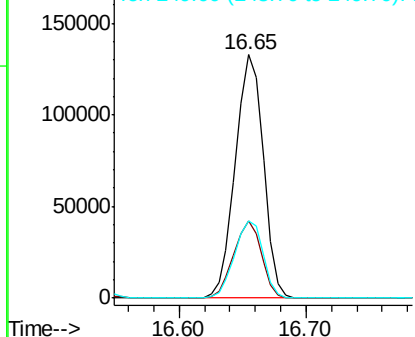


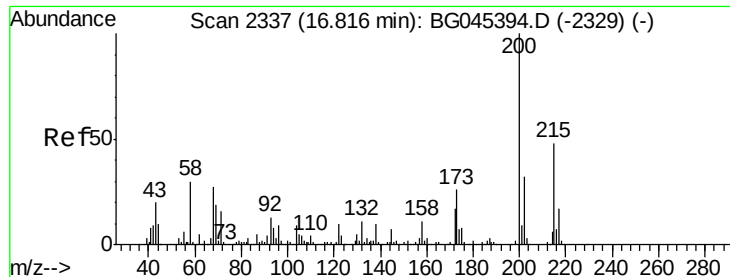
#68
Hexachlorobenzene
Concen: 44.497 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt Ion:284 Resp: 203493
Ion Ratio Lower Upper
284 100
142 31.9 23.0 34.6
249 31.5 25.8 38.6



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





#69

Atrazine

Concen: 35.713 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.01 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

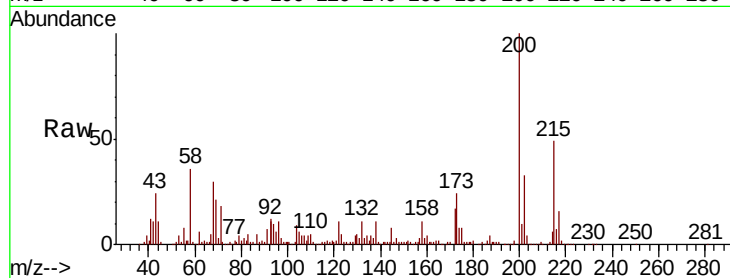
Tot Ion:200 Resp: 142613

Ion Ratio Lower Upper

200 100

173 24.0 5.5 45.5

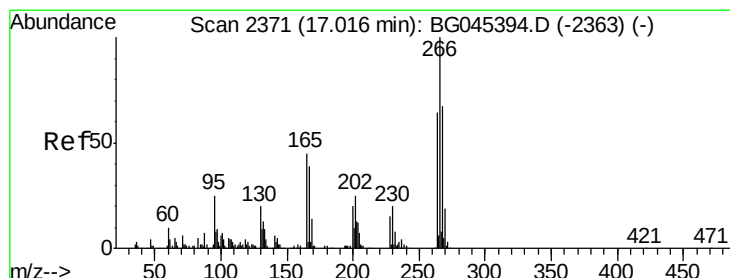
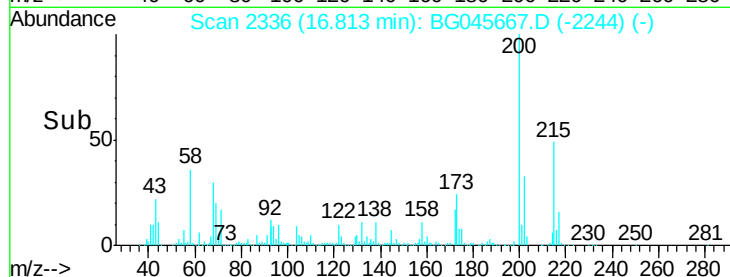
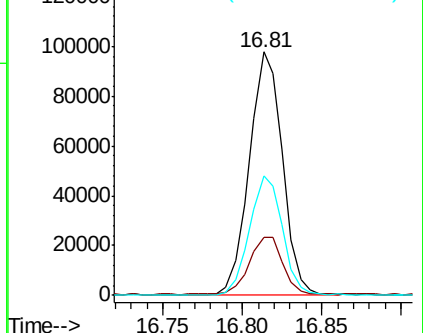
215 49.0 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 92.275 ng

RT: 17.01 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

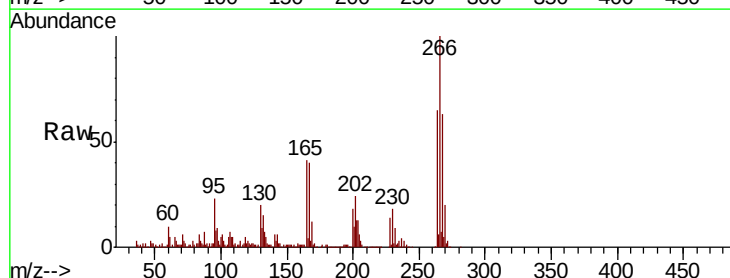
Tgt Ion:266 Resp: 219116

Ion Ratio Lower Upper

266 100

268 63.0 53.2 79.8

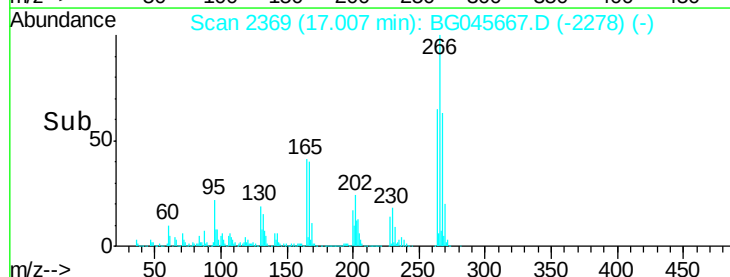
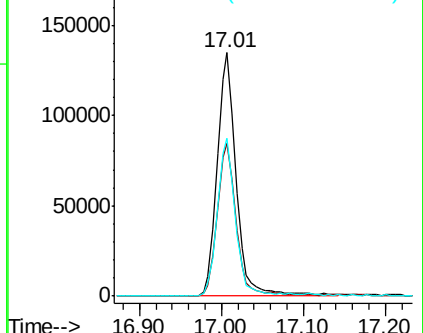
264 64.7 51.0 76.4

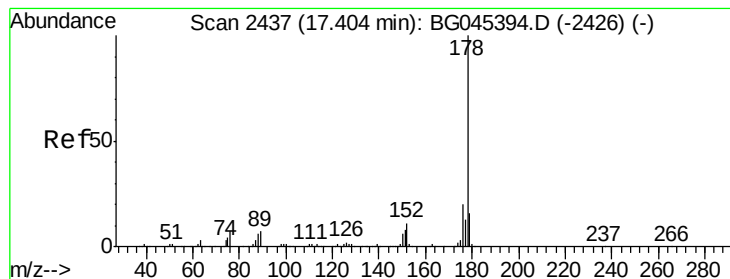


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.386 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

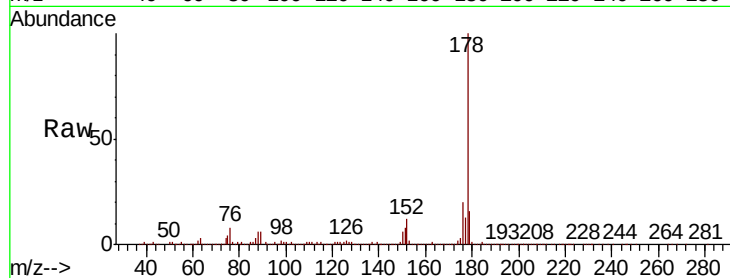
Tot Ion:178 Resp: 764808

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

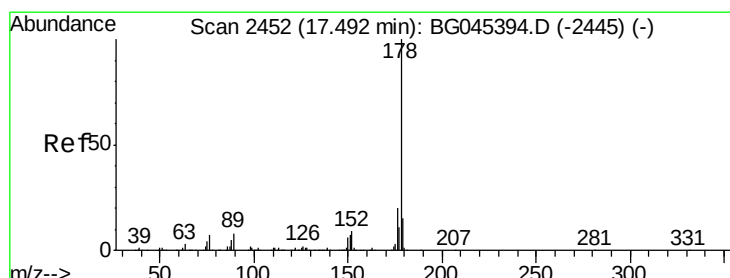
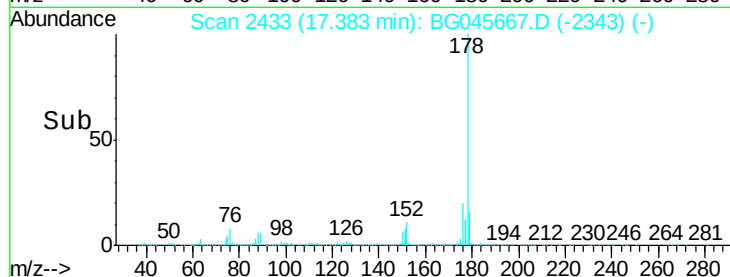
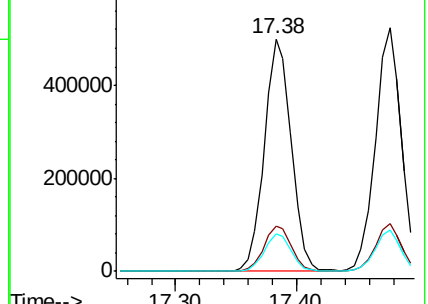
179 16.3 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.062 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

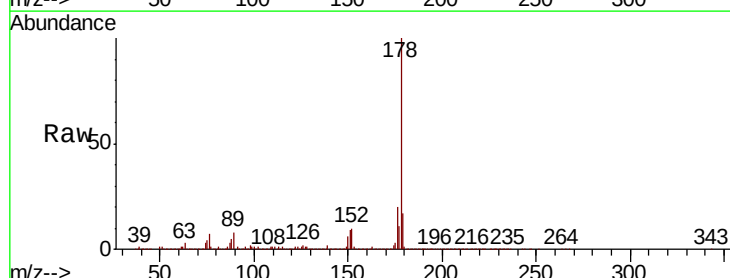
Tgt Ion:178 Resp: 780019

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

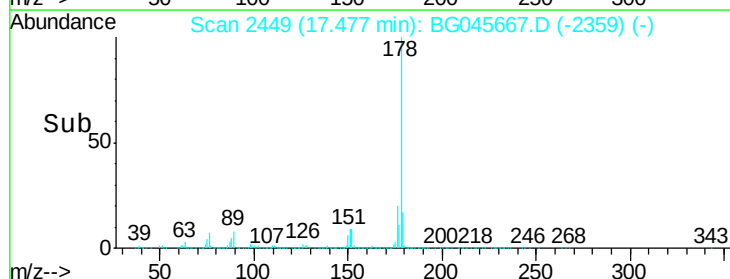
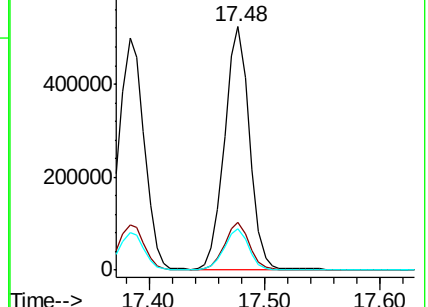
179 17.2 12.2 18.4

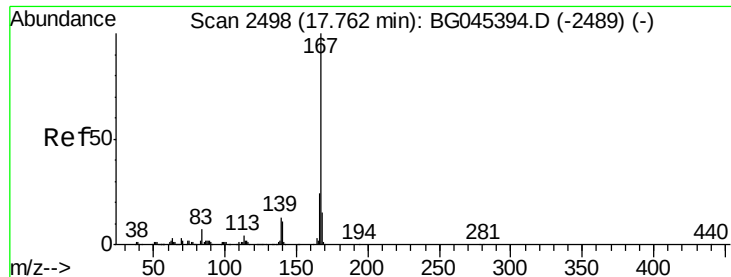


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

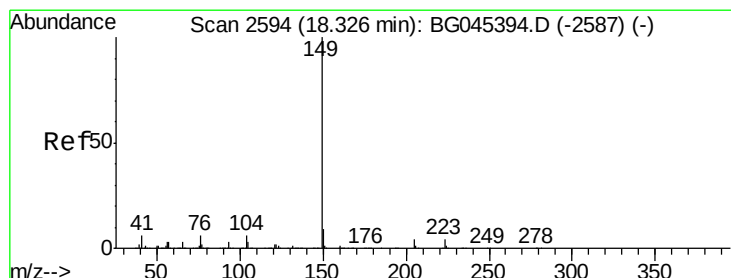
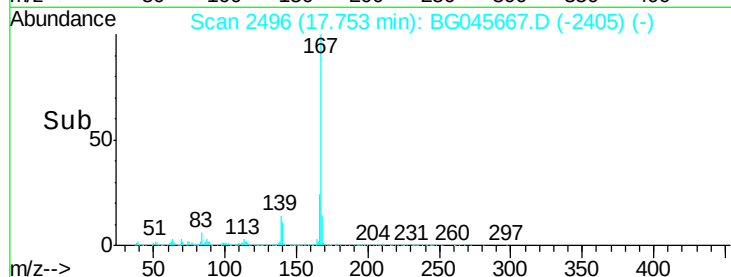
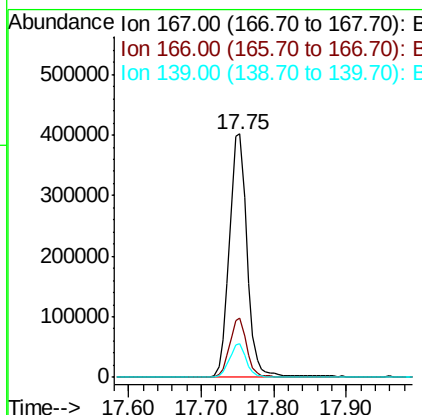
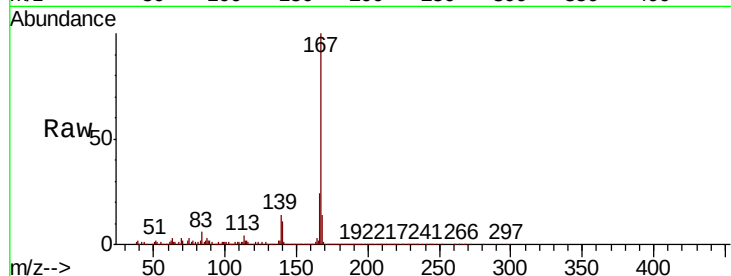




#73
 Carbazole
 Concen: 39.841 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

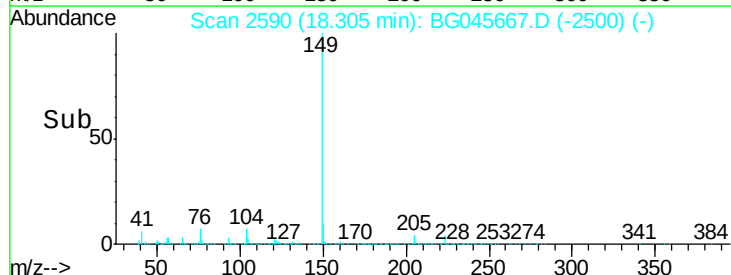
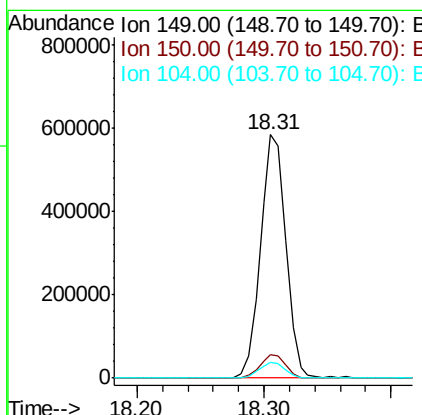
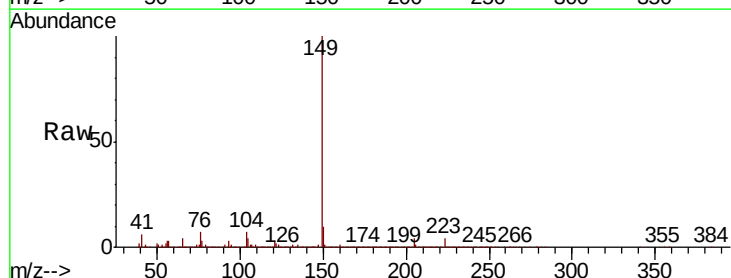
Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MS

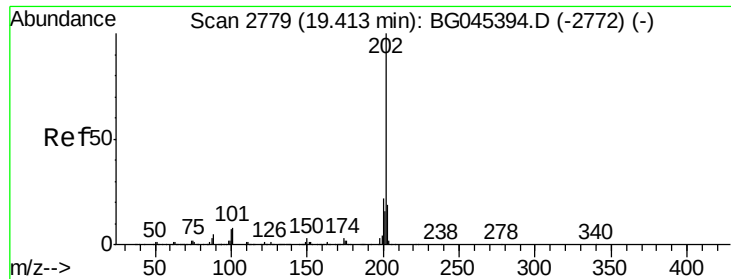
Tot Ion:167 Resp: 687479
 Ion Ratio Lower Upper
 167 100
 166 24.3 19.2 28.8
 139 13.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 39.091 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG045667.D
 Acq: 9 Jun 2020 17:06

Tgt Ion:149 Resp: 809628
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 6.7 5.0 7.4





#75

Fluoranthene

Concen: 38.431 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

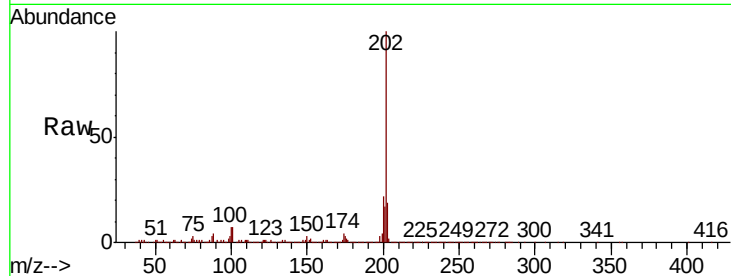
Tot Ion:202 Resp: 861684

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.3

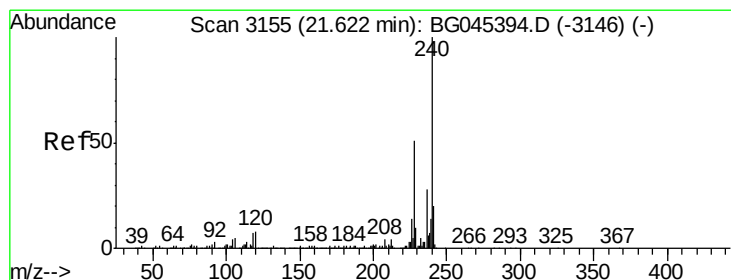
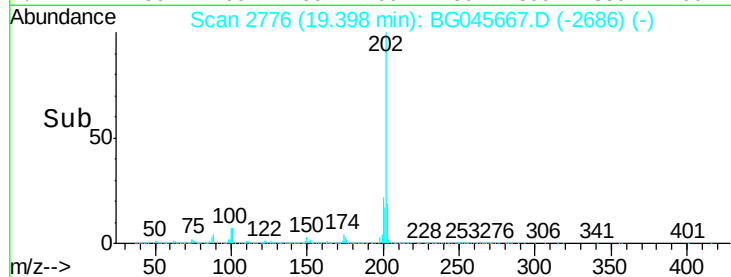
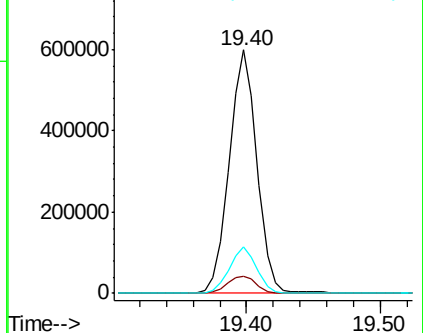
203 19.2 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

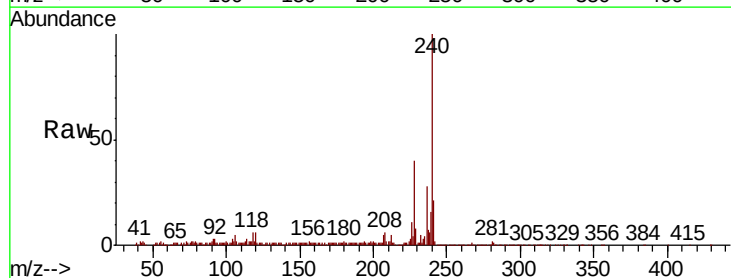
Tgt Ion:240 Resp: 358928

Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

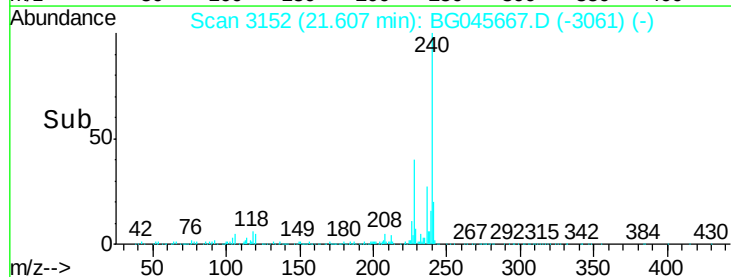
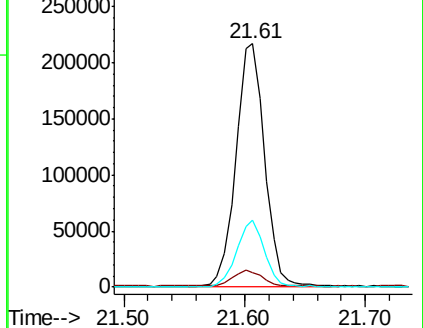
236 27.6 22.3 33.5

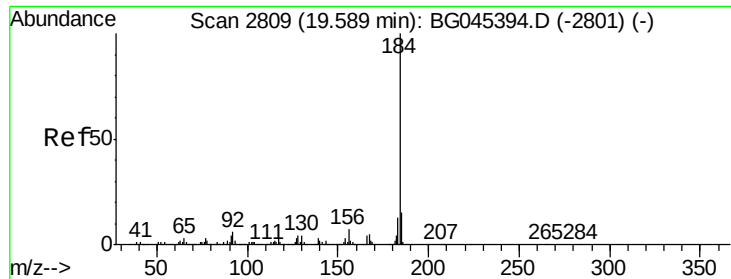


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.091 ng

RT: 19.85 min Scan# 2853

Delta R.T. 0.27 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampled :

VE-4-11MS

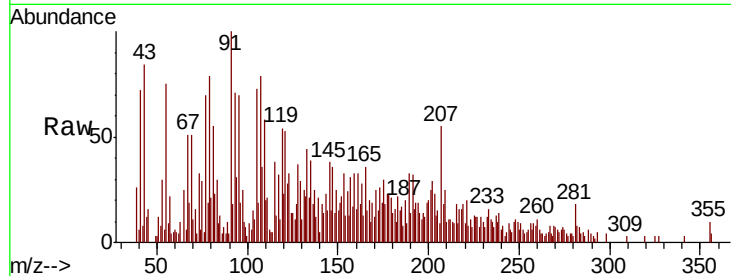
Tot Ion:184 Resp: 918

Ion Ratio Lower Upper

184 100

185 110.9 11.7 17.5#

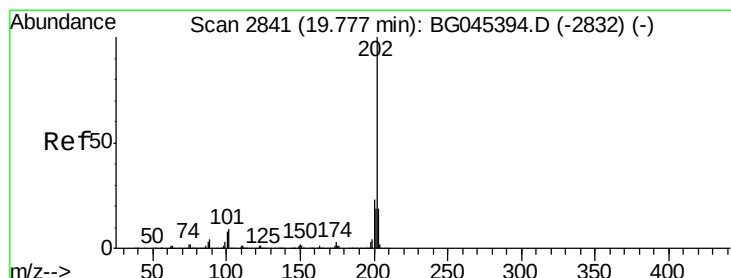
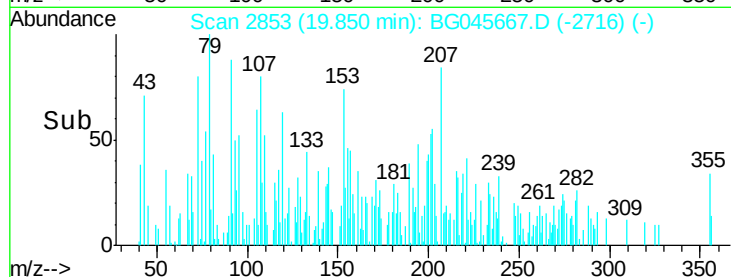
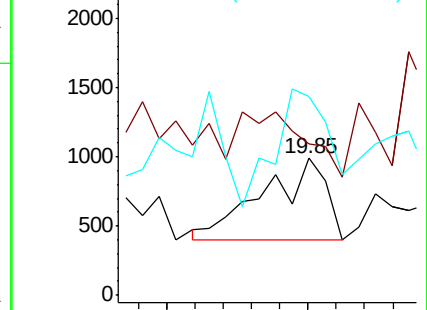
183 145.6 10.2 15.4#



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: 42.941 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

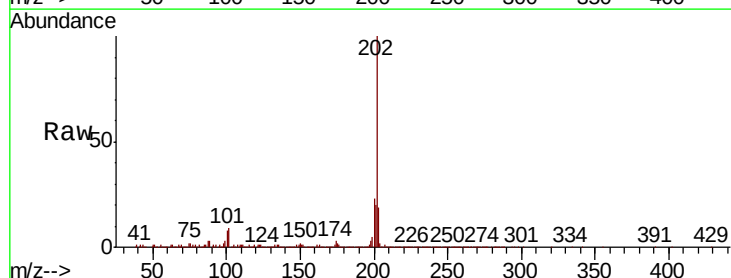
Tgt Ion:202 Resp: 878579

Ion Ratio Lower Upper

202 100

200 22.9 18.2 27.2

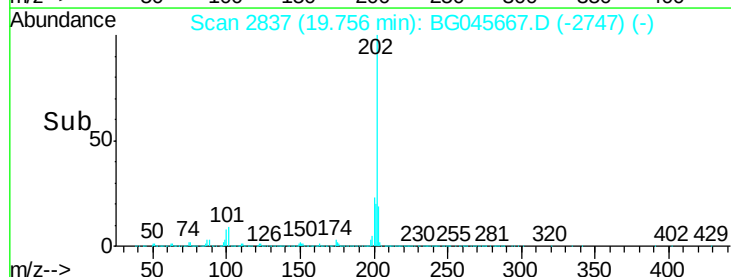
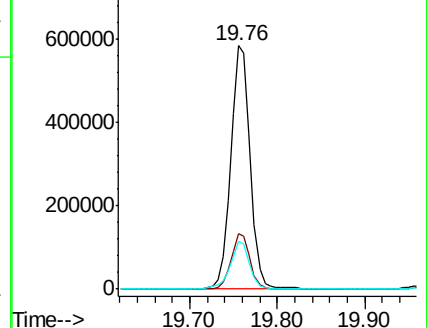
203 19.4 15.1 22.7

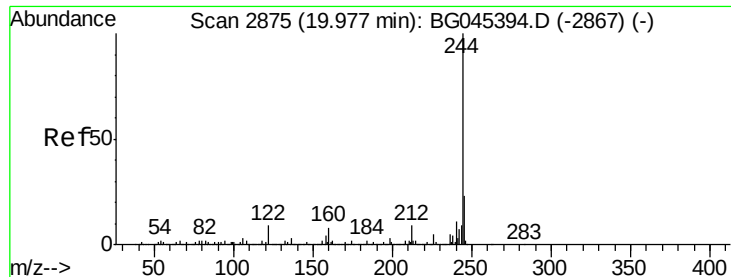


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.540 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

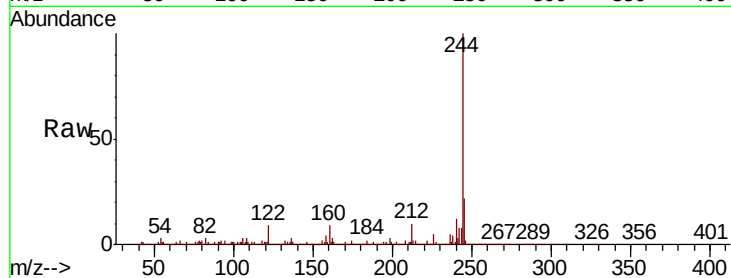
Tot Ion:244 Resp: 1501090

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.4	11.0
122	8.8	6.8	10.2

244 100

212 9.5 7.4 11.0

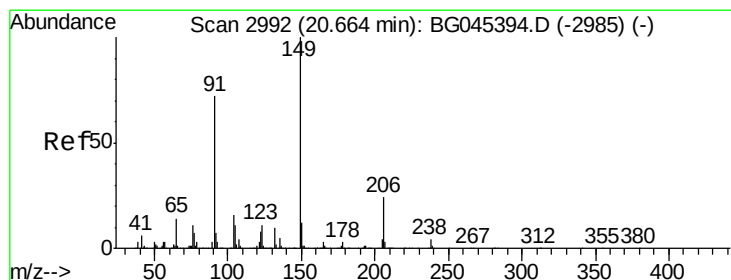
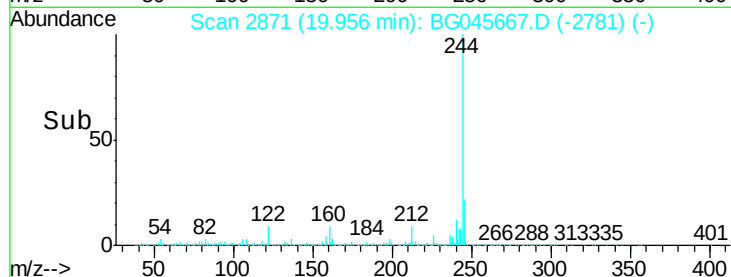
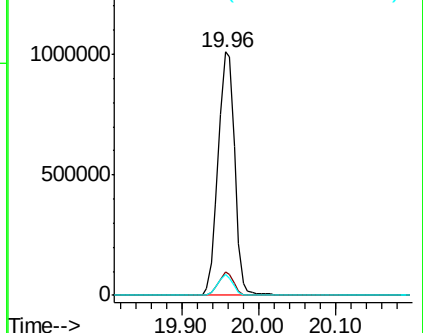
122 8.8 6.8 10.2



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: 39.991 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

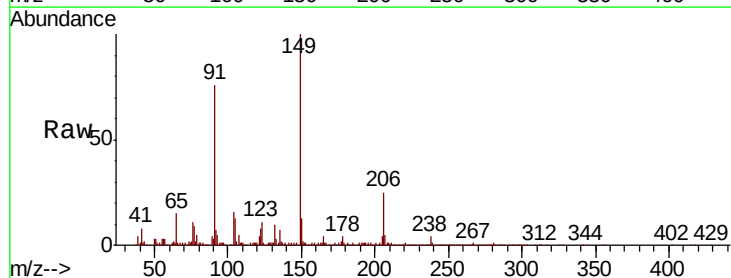
Tgt Ion:149 Resp: 353176

Ion	Ratio	Lower	Upper
149	100		
91	76.3	57.8	86.6
206	24.6	19.1	28.7

149 100

91 76.3 57.8 86.6

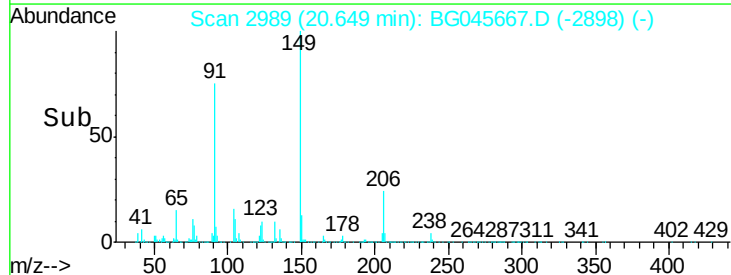
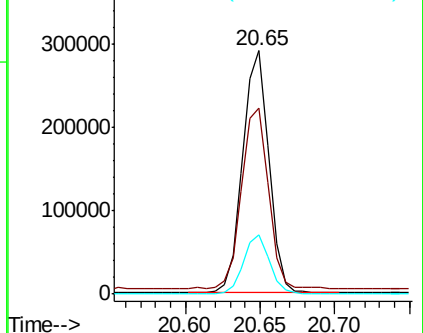
206 24.6 19.1 28.7

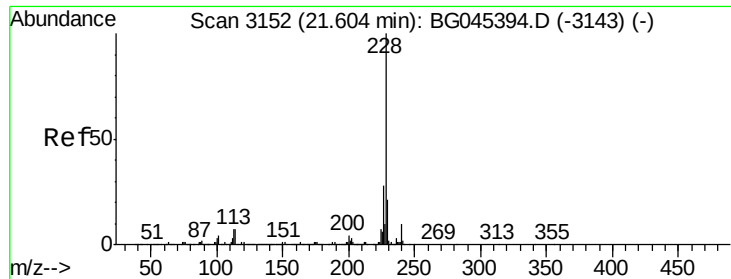


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.975 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

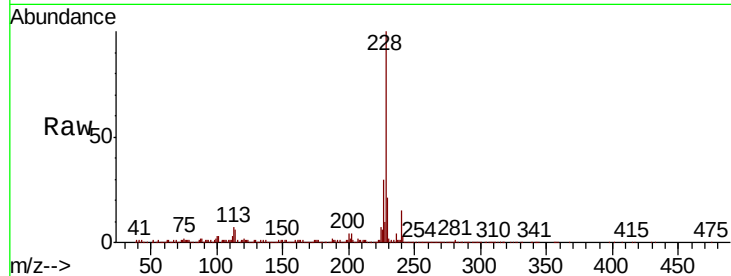
Tot Ion:228 Resp: 859270

Ion Ratio Lower Upper

228 100

226 29.5 22.7 34.1

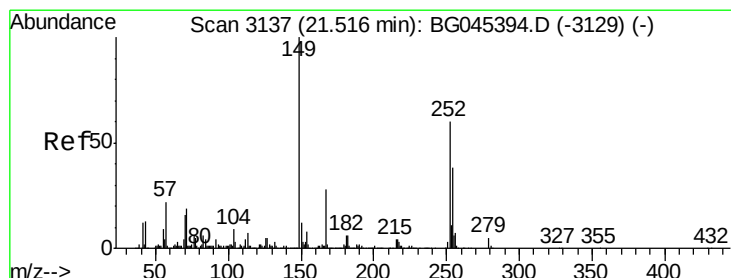
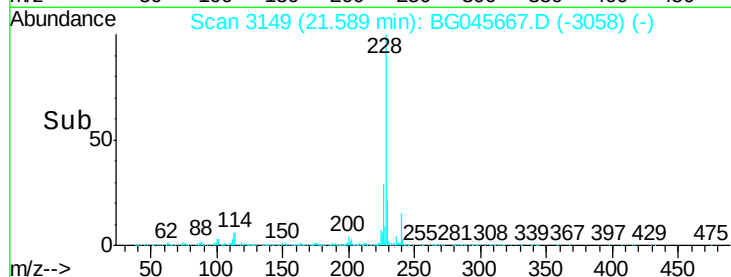
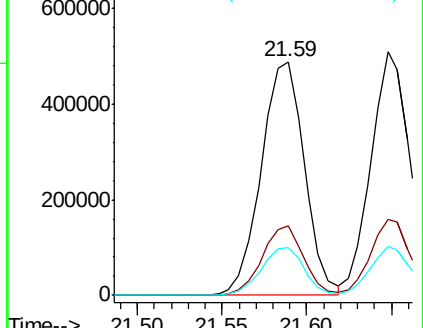
229 20.7 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.392 ng

RT: 21.51 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

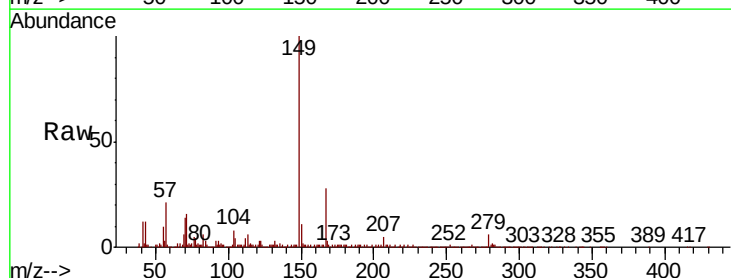
Tgt Ion:252 Resp: 3078

Ion Ratio Lower Upper

252 100

254 47.1 51.3 76.9#

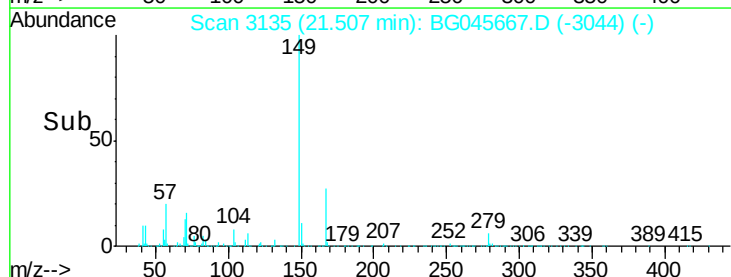
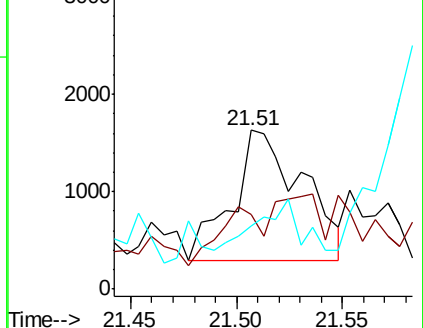
126 39.9 6.6 10.0#

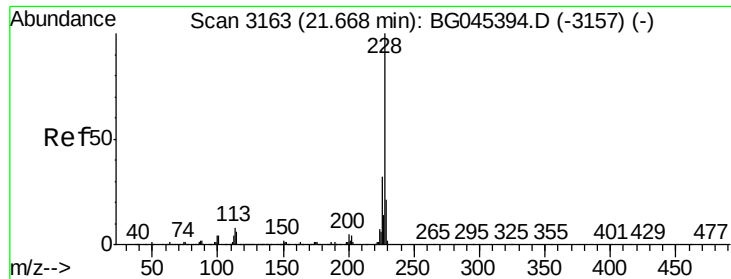


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.002 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

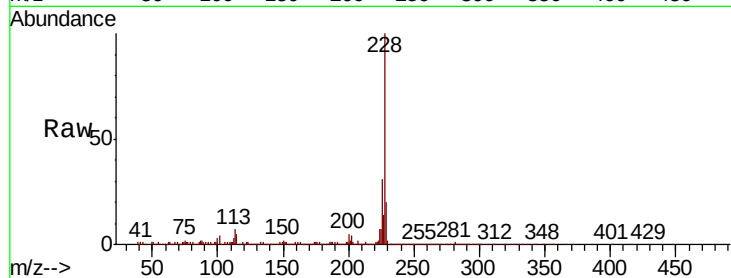
Tot Ion:228 Resp: 826741

Ion Ratio Lower Upper

228 100

226 31.3 25.2 37.8

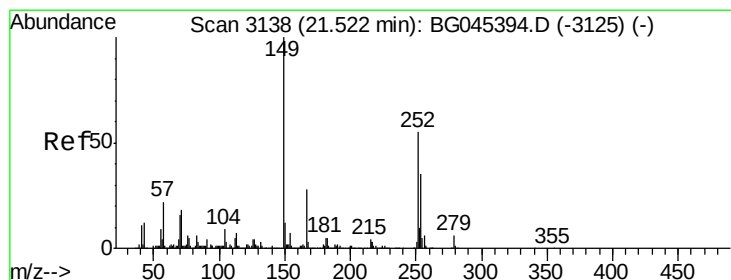
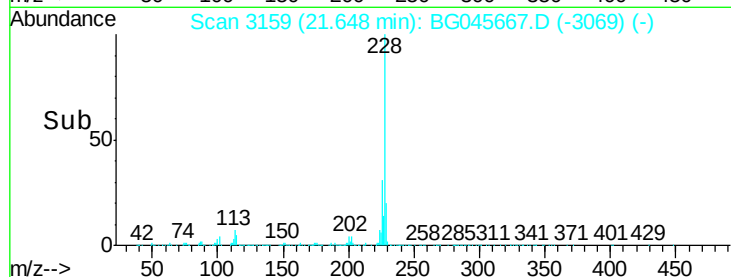
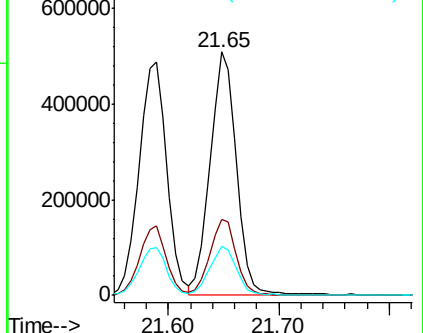
229 20.0 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.835 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

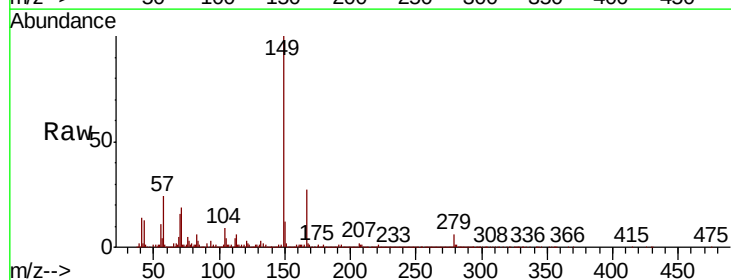
Tgt Ion:149 Resp: 495729

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

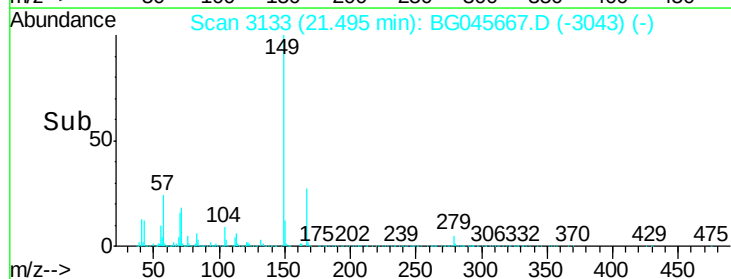
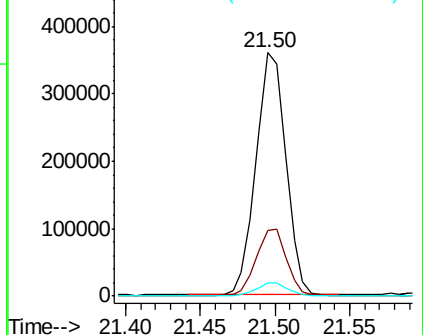
279 5.5 4.7 7.1

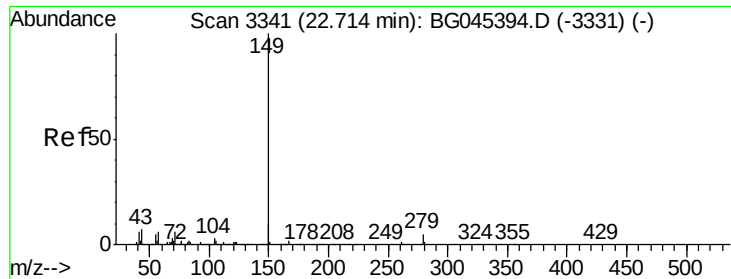


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

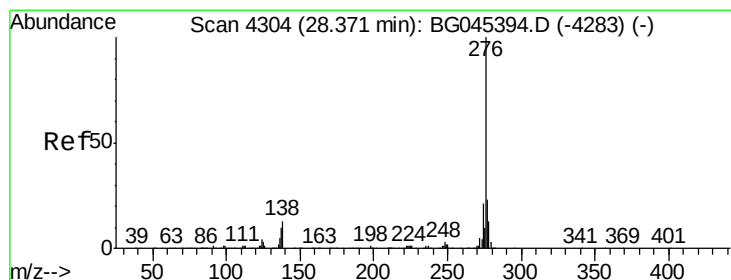
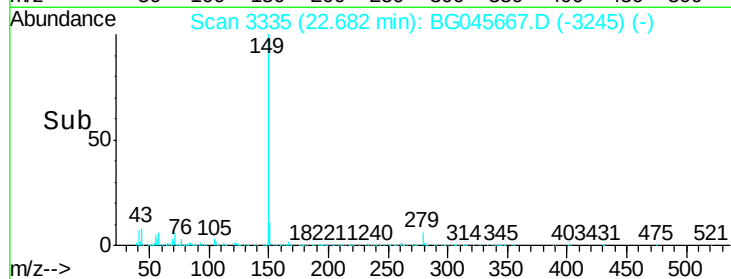
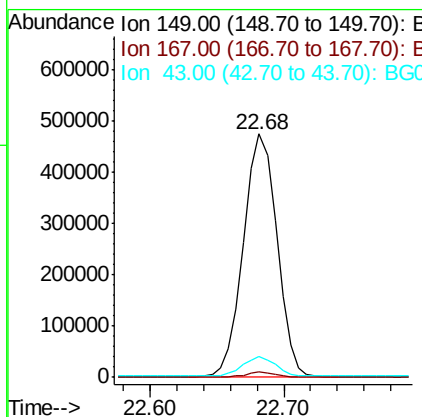
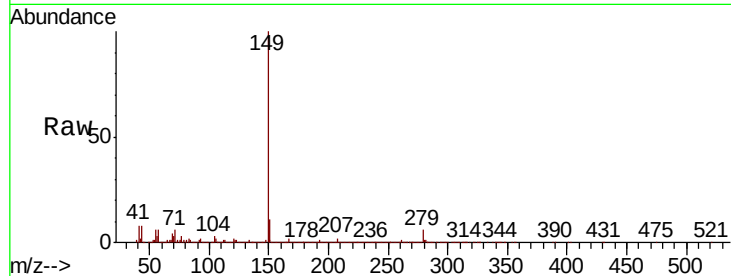




#85
Di-n-octyl phthalate
Concen: 39.377 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

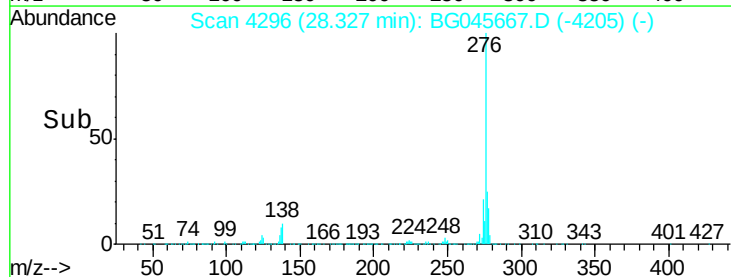
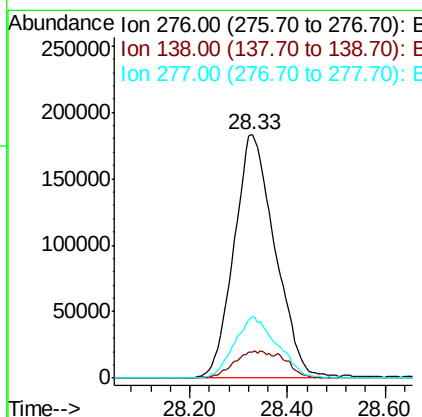
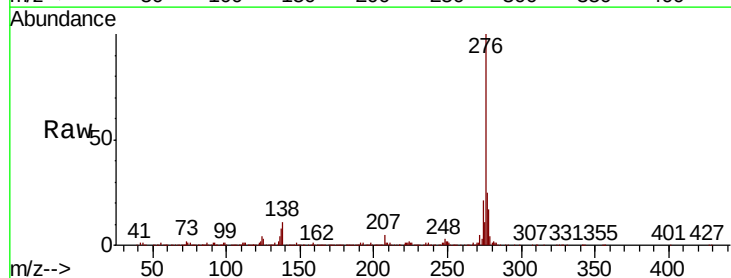
Instrument :
BNA_G
ClientSampleId :
VE-4-11MS

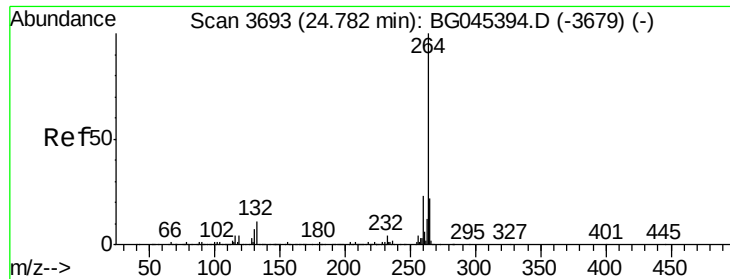
Tot Ion:149 Resp: 821037
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 7.9 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.609 ng
RT: 28.33 min Scan# 4296
Delta R.T. 0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt Ion:276 Resp: 1071220
Ion Ratio Lower Upper
276 100
138 6.5 8.6 12.8#
277 26.2 20.2 30.4

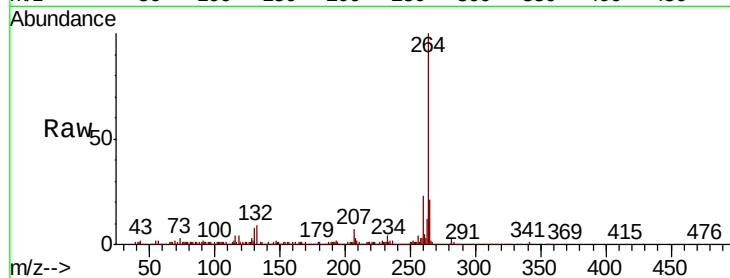




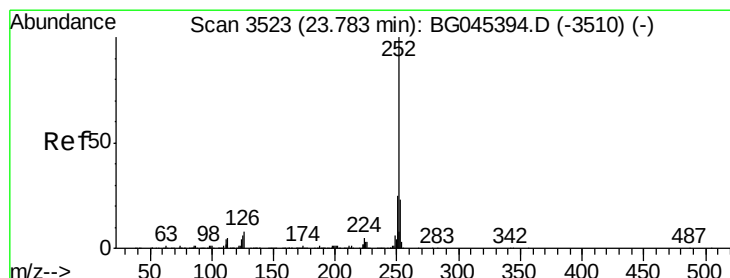
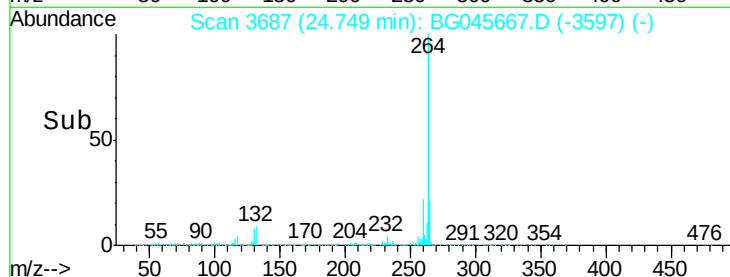
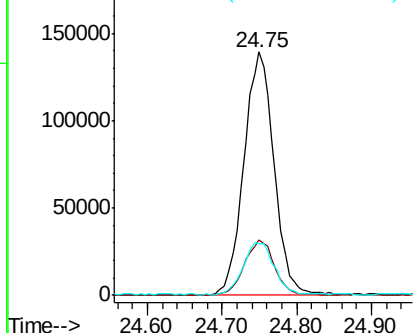
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Instrument :
BNA_G
ClientSampleId :
VE-4-11MS

Tot Ion:264 Resp: 390683
Ion Ratio Lower Upper
264 100
260 22.5 18.2 27.4
265 21.1 17.6 26.4

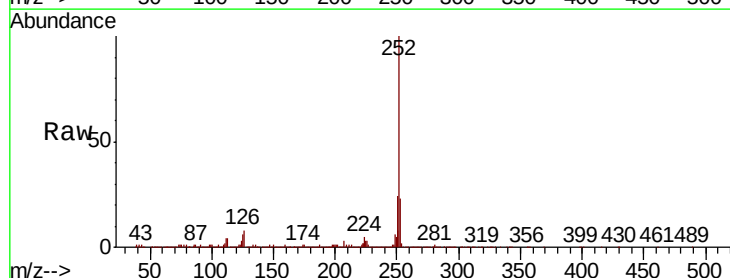


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

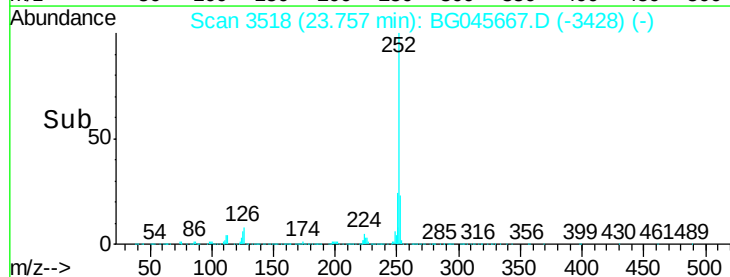
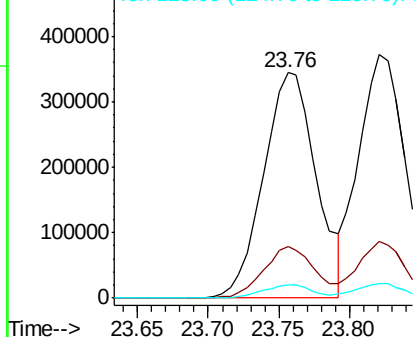


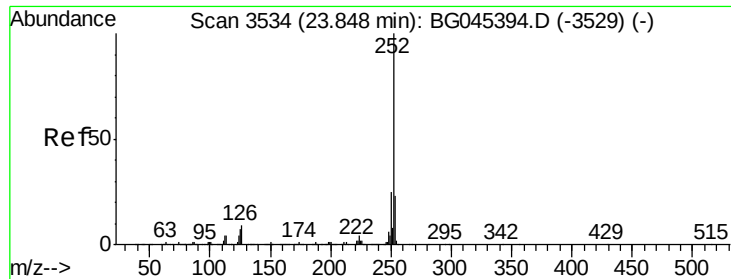
#88
Benzo(b)fluoranthene
Concen: 42.713 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG045667.D
Acq: 9 Jun 2020 17:06

Tgt Ion:252 Resp: 894951
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 5.8 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.532 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

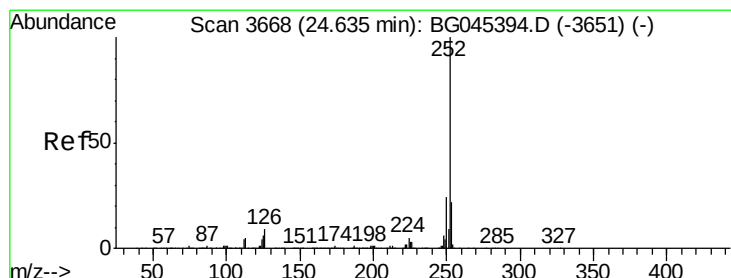
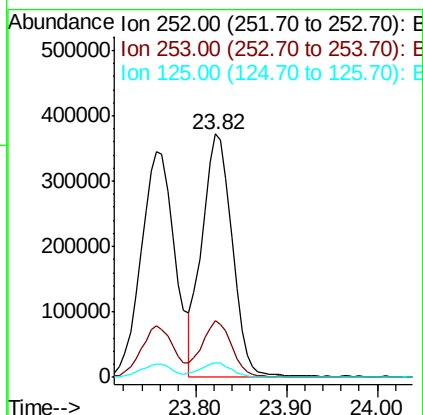
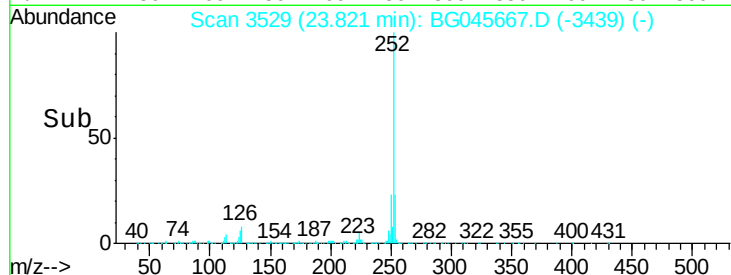
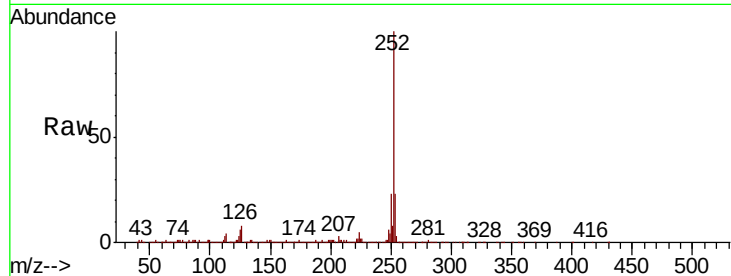
Tot Ion:252 Resp: 856923

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

125 6.1 5.7 8.5



#90

Benzo(a)pyrene

Concen: 41.475 ng

RT: 24.60 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

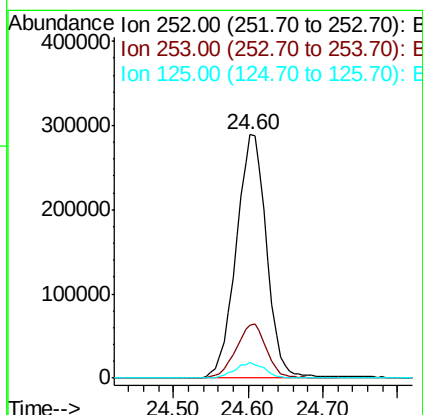
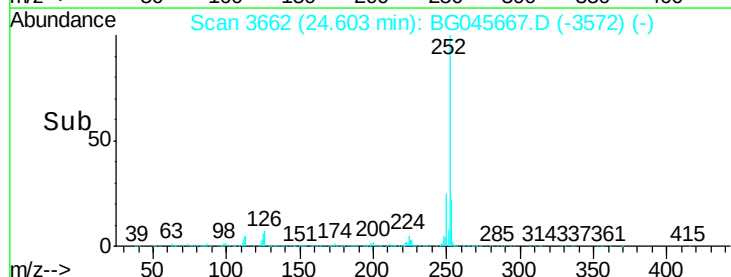
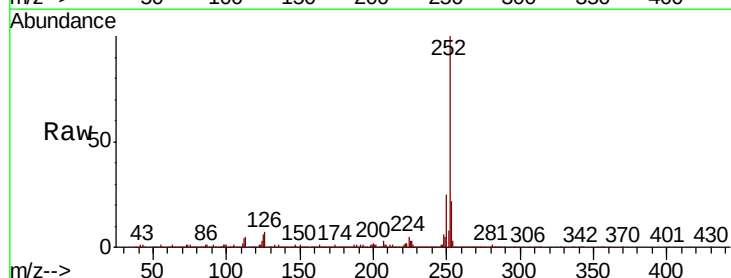
Tgt Ion:252 Resp: 809348

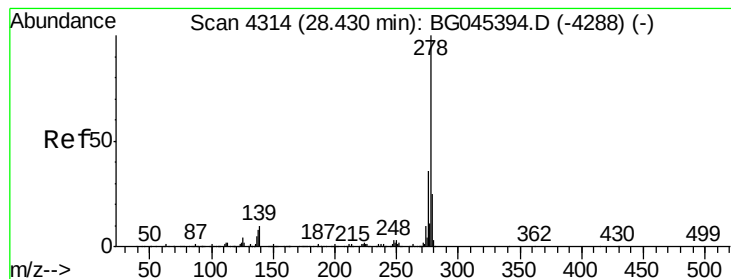
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 6.3 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 45.521 ng

RT: 28.39 min Scan# 4306

Delta R.T. -0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

Instrument :

BNA_G

ClientSampleId :

VE-4-11MS

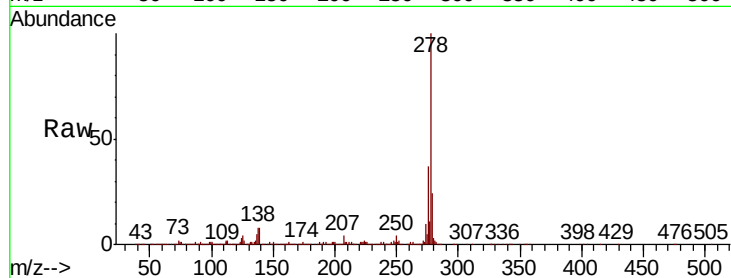
Tot Ion:278 Resp: 892641

Ion Ratio Lower Upper

278 100

139 8.1 7.8 11.8

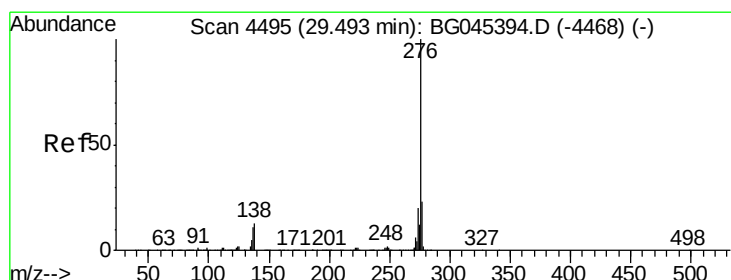
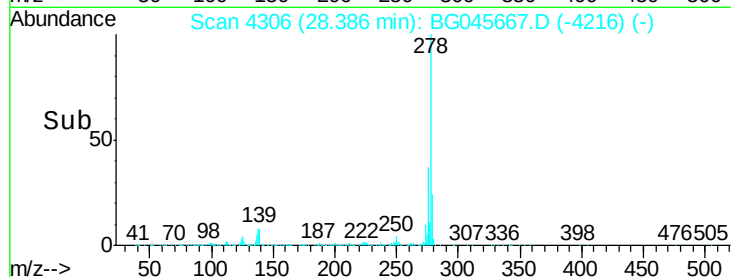
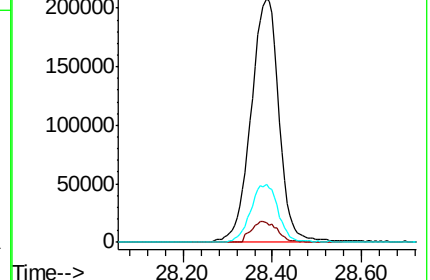
279 24.0 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.487 ng

RT: 29.44 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG045667.D

Acq: 9 Jun 2020 17:06

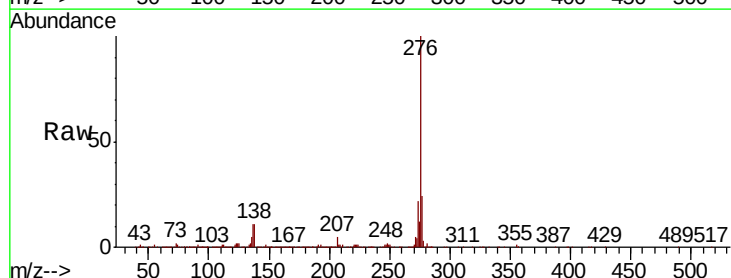
Tgt Ion:276 Resp: 911700

Ion Ratio Lower Upper

276 100

277 23.6 18.1 27.1

138 11.0 10.2 15.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

