

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
 Data File : BG043778.D
 Acq On : 26 Nov 2019 15:14
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 16:50:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	49667	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	274545	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	233396	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	657084	20.00	ng	0.00
76) Chrysene-d12	21.65	240	806914	20.00	ng	-0.01
87) Perylene-d12	24.83	264	762349	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	228029	82.54	ng	0.00
7) Phenol-d6	7.18	99	412521	102.72	ng	0.00
23) Nitrobenzene-d5	9.17	82	404499	81.01	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	238570	84.75	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	1094876	77.11	ng	-0.01
79) Terphenyl-d14	20.01	244	2509973	70.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	41590	33.952	ng	97
3) Pyridine	3.91	79	169328	49.093	ng	97
4) n-Nitrosodimethylamine	3.82	42	66084	38.570	ng	# 90
6) Aniline	7.34	93	260812	49.835	ng	99
8) 2-Chlorophenol	7.59	128	145923	46.310	ng	97
9) Benzaldehyde	7.16	77	118454	49.379	ng	96
10) Phenol	7.21	94	210488	51.055	ng	94
11) bis(2-Chloroethyl)ether	7.44	93	150062	43.613	ng	94
12) 1,3-Dichlorobenzene	7.92	146	149896	40.411	ng	99
13) 1,4-Dichlorobenzene	8.06	146	155741	41.453	ng	99
14) 1,2-Dichlorobenzene	8.38	146	158425	44.565	ng	97
15) Benzyl Alcohol	8.25	79	163872	48.853	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	246118	41.592	ng	99
17) 2-Methylphenol	8.46	107	146786	49.798	ng	97
18) Hexachloroethane	9.12	117	54589	38.490	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	153675	48.659	ng	91
20) 3+4-Methylphenols	8.78	107	213829	51.998	ng	97
22) Acetophenone	8.84	105	282025	38.757	ng	# 95
24) Nitrobenzene	9.22	77	199600	38.889	ng	97
25) Isophorone	9.74	82	436341	40.753	ng	98
26) 2-Nitrophenol	9.93	139	77025	41.595	ng	97
27) 2,4-Dimethylphenol	9.99	122	150451	41.377	ng	92
28) bis(2-Chloroethoxy)methane	10.23	93	256134	38.814	ng	98
29) 2,4-Dichlorophenol	10.47	162	191385	43.296	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	193171	37.292	ng	98
31) Naphthalene	10.88	128	557716	40.951	ng	99
32) Benzoic acid	10.10	122	145681	55.558	ng	97
33) 4-Chloroaniline	10.97	127	305948	46.627	ng	97
34) Hexachlorobutadiene	11.18	225	110103	32.324	ng	99
35) Caprolactam	11.72	113	99095	55.132	ng	93
36) 4-Chloro-3-methylphenol	12.09	107	236184	47.544	ng	99
37) 2-Methylnaphthalene	12.48	142	459193	44.742	ng	98
38) 1-Methylnaphthalene	12.70	142	441199	45.296	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	258499	34.807	ng	98

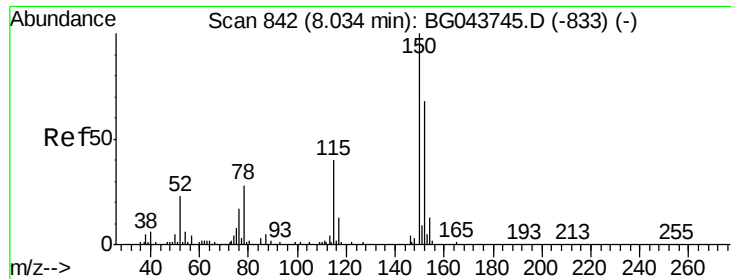
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
 Data File : BG043778.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	96695	24.099	ng	97
43) 2,4,6-Trichlorophenol	13.08	196	194365	40.693	ng	97
44) 2,4,5-Trichlorophenol	13.15	196	214768	43.222	ng	95
46) 1,1'-Biphenyl	13.49	154	635273	39.267	ng	100
47) 2-Chloronaphthalene	13.53	162	523937	39.712	ng	99
48) 2-Nitroaniline	13.72	65	185021	47.902	ng	94
49) Acenaphthylene	14.37	152	852076	41.050	ng	98
50) Dimethylphthalate	14.10	163	766550	41.460	ng	99
51) 2,6-Dinitrotoluene	14.21	165	164969	48.047	ng	97
52) Acenaphthene	14.71	154	548048	41.286	ng	100
53) 3-Nitroaniline	14.54	138	209208	52.166	ng	# 93
54) 2,4-Dinitrophenol	14.74	184	56582	40.335	ng	90
55) Dibenzofuran	15.05	168	865809	41.867	ng	99
56) 4-Nitrophenol	14.84	139	183885	54.436	ng	88
57) 2,4-Dinitrotoluene	15.00	165	245100	51.474	ng	# 97
58) Fluorene	15.70	166	720332	42.475	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	212003	42.479	ng	95
60) Diethylphthalate	15.47	149	804761	42.149	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	382023	40.914	ng	99
62) 4-Nitroaniline	15.70	138	251378	54.663	ng	91
63) Azobenzene	15.98	77	713649	41.010	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	87135	38.462	ng	98
66) n-Nitrosodiphenylamine	15.90	169	694717	39.933	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	257338	37.138	ng	96
68) Hexachlorobenzene	16.71	284	286135	37.772	ng	98
69) Atrazine	16.85	200	269056	38.589	ng	97
70) Pentachlorophenol	17.04	266	196906	42.598	ng	99
71) Phenanthrene	17.43	178	1331004	40.937	ng	98
72) Anthracene	17.52	178	1326570	40.391	ng	98
73) Carbazole	17.79	167	1368343	42.337	ng	98
74) Di-n-butylphthalate	18.36	149	1614961	38.777	ng	98
75) Fluoranthene	19.44	202	1831156	39.263	ng	96
77) Benzidine	19.61	184	893598	37.911	ng	99
78) Pyrene	19.80	202	1887377	36.242	ng	96
80) Butylbenzylphthalate	20.70	149	982698	41.423	ng	100
81) Benzo(a)anthracene	21.64	228	2101465	38.956	ng	96
82) 3,3'-Dichlorobenzidine	21.55	252	778269	38.472	ng	99
83) Chrysene	21.70	228	1988507	38.956	ng	96
84) Bis(2-ethylhexyl)phthalate	21.57	149	1389133	41.616	ng	95
85) Di-n-octyl phthalate	22.78	149	2135910	39.450	ng	98
86) Indeno(1,2,3-cd)pyrene	28.44	276	2062862	34.741	ng	99
88) Benzo(b)fluoranthene	23.83	252	1884523	41.403	ng	95
89) Benzo(k)fluoranthene	23.90	252	1784835	40.858	ng	98
90) Benzo(a)pyrene	24.69	252	1723208	40.261	ng	99
91) Dibenzo(a,h)anthracene	28.52	278	1665959	40.129	ng	# 96
92) Benzo(g,h,i)perylene	29.57	276	1625260	39.698	ng	97

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

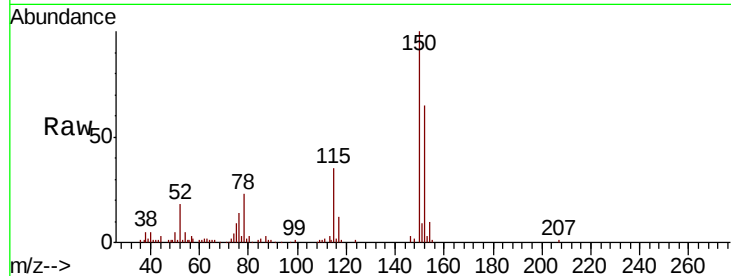


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	117.8	176.8
115	53.9	47.0	70.4

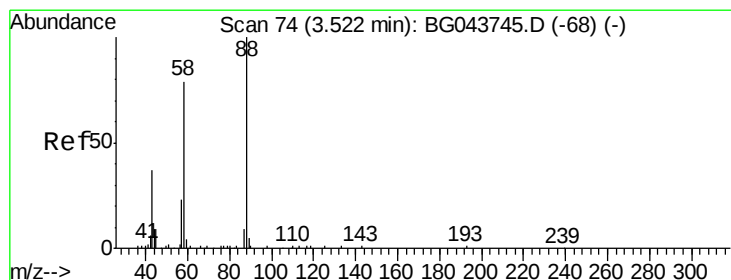
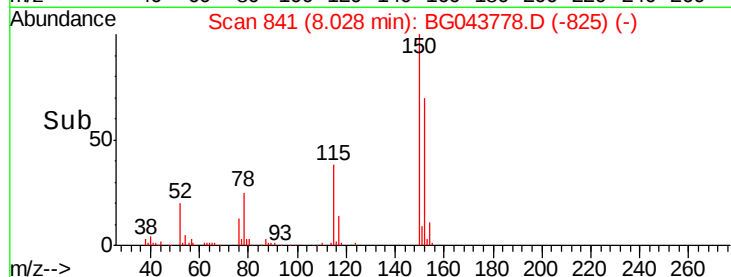
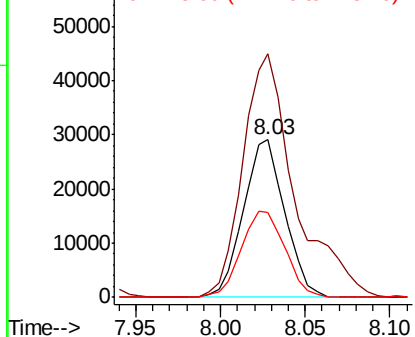


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

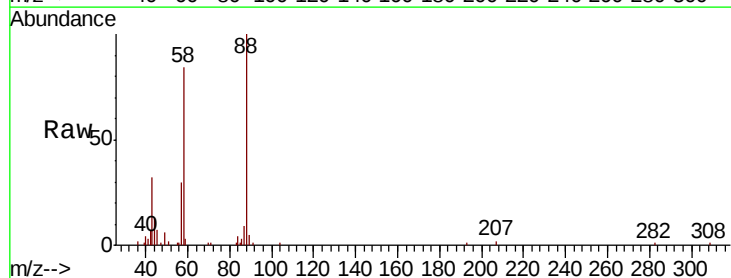
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.952 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.9	62.3	93.5
43	31.2	28.9	43.3

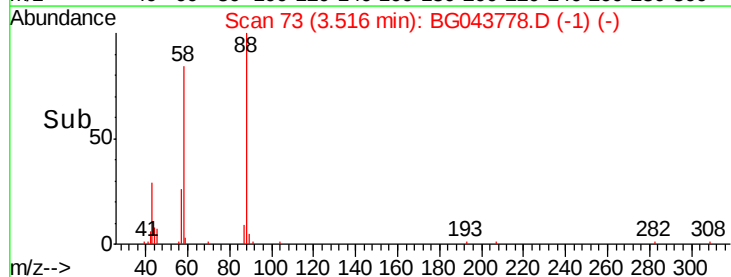
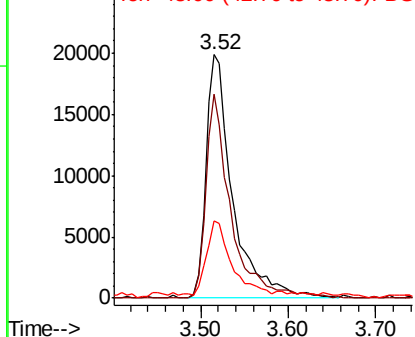


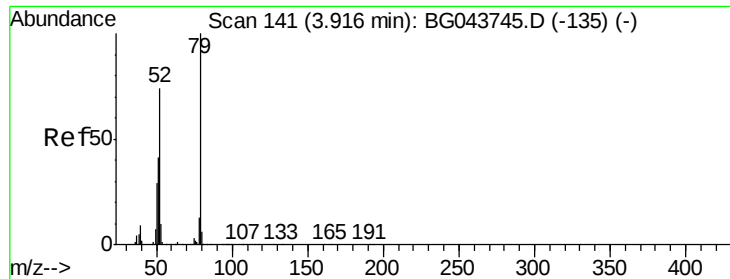
Abundance

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: 49.093 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

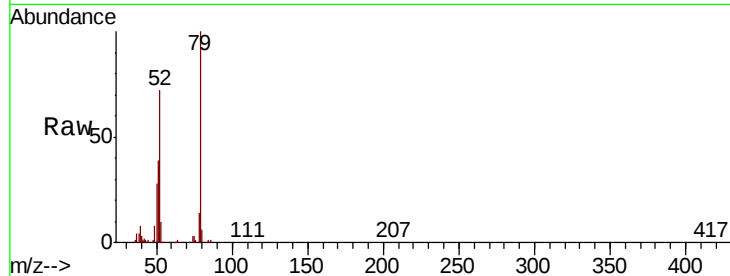
Tot Ion: 79 Resp: 169328

Ion Ratio Lower Upper

79 100

52 71.6 59.0 88.6

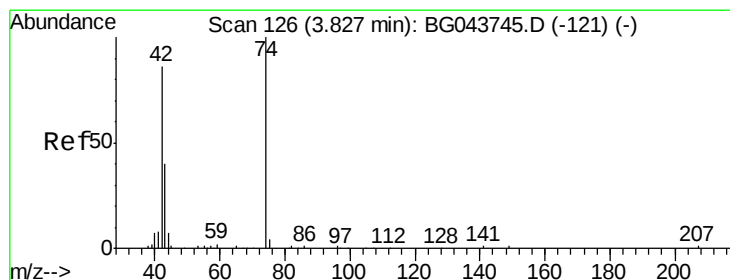
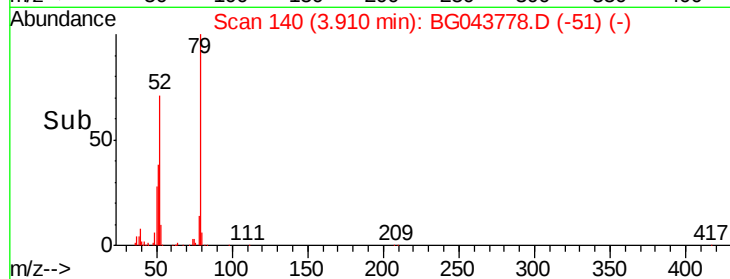
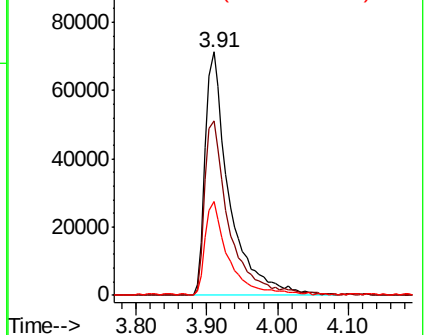
51 38.7 32.9 49.3



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: 38.570 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

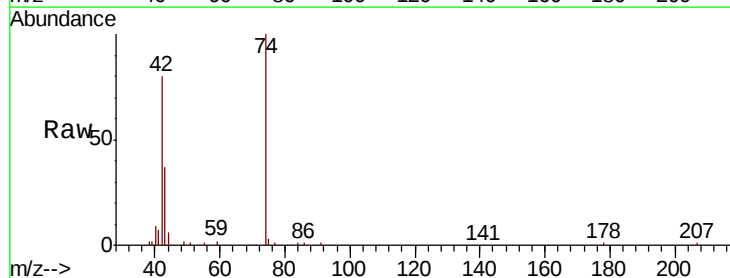
Tgt Ion: 42 Resp: 66084

Ion Ratio Lower Upper

42 100

74 125.4 91.9 137.9

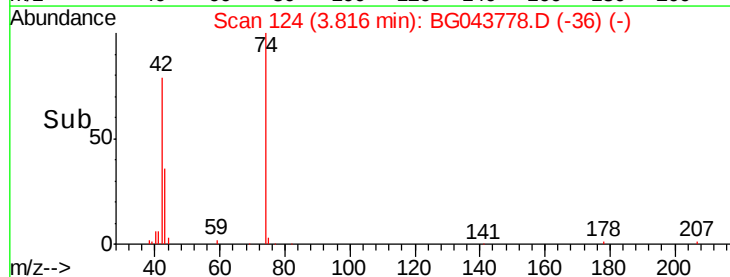
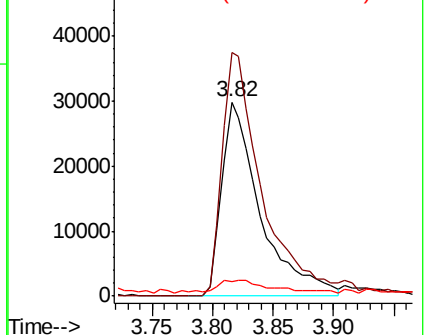
44 7.3 9.1 13.7#

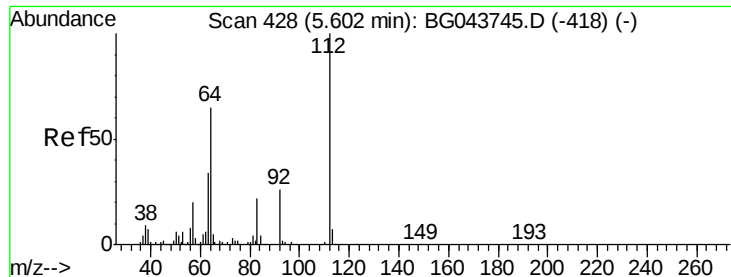


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.539 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

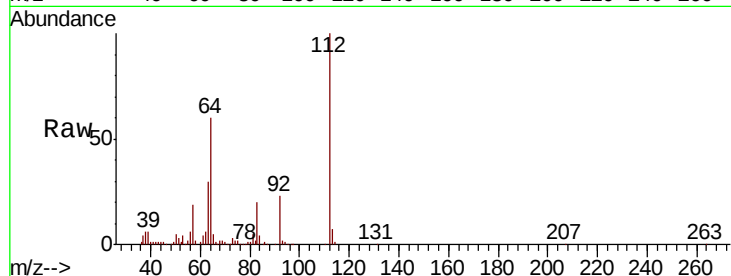
Tot Ion:112 Resp: 228029

Ion Ratio Lower Upper

112 100

64 59.9 51.7 77.5

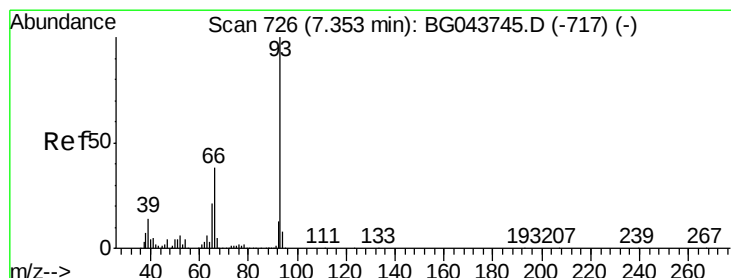
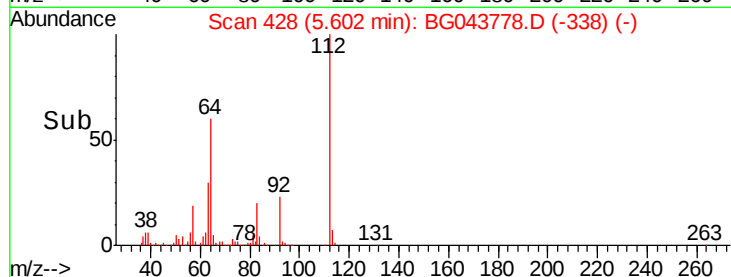
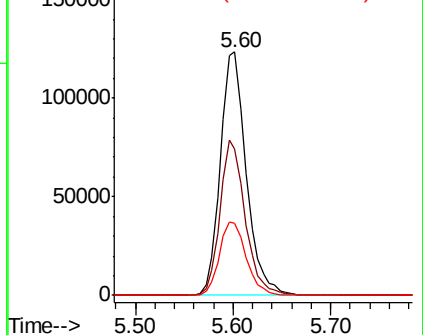
63 29.7 26.8 40.2



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: 49.835 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

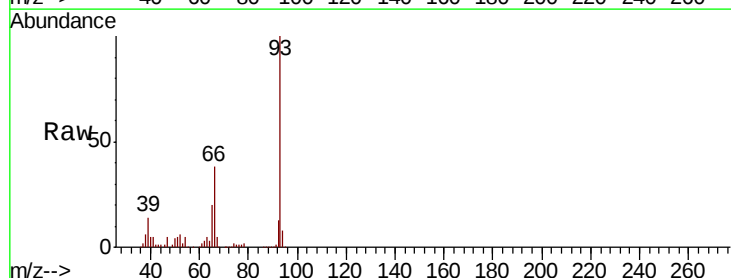
Tgt Ion: 93 Resp: 260812

Ion Ratio Lower Upper

93 100

66 37.9 30.6 46.0

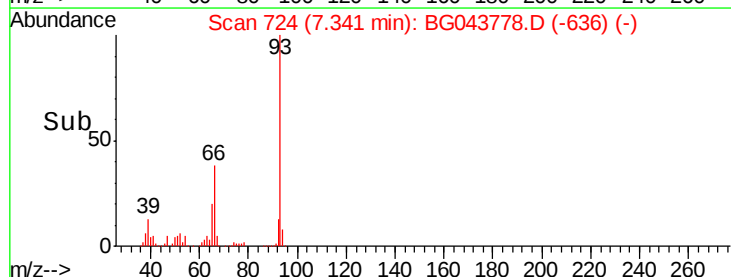
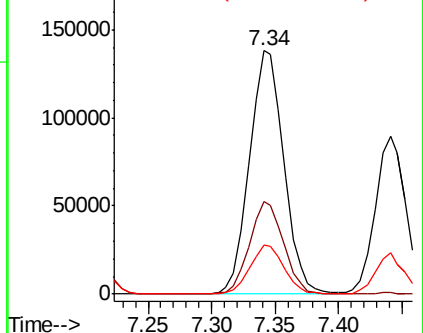
65 20.1 16.8 25.2

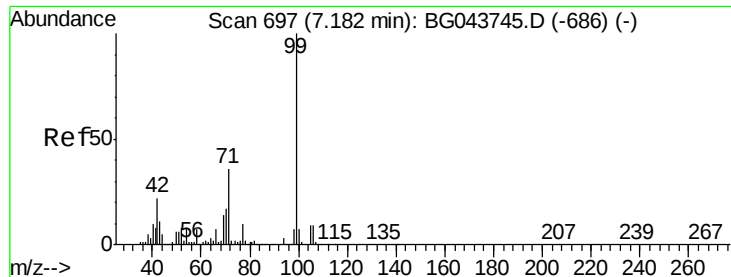


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.718 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

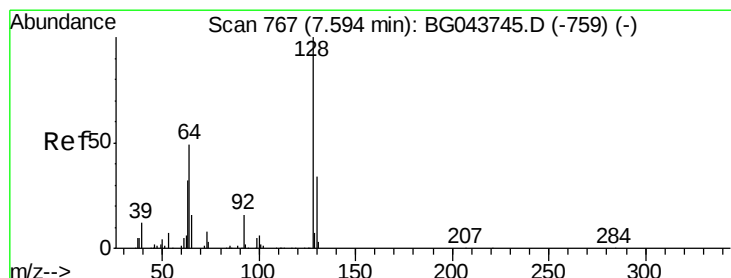
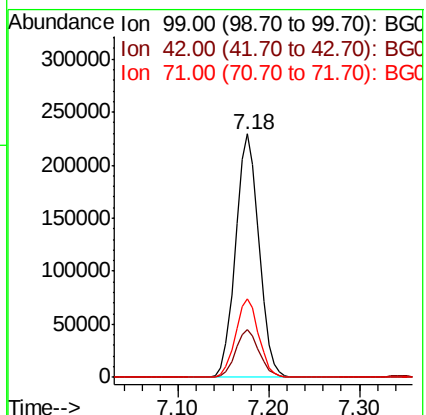
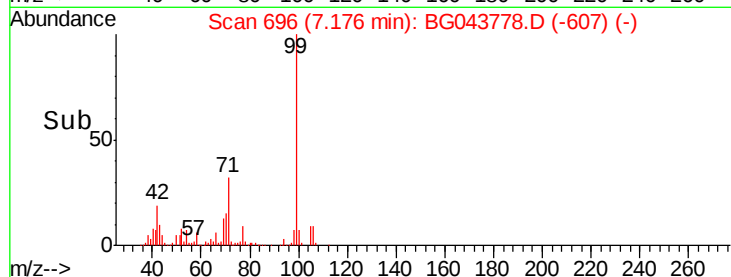
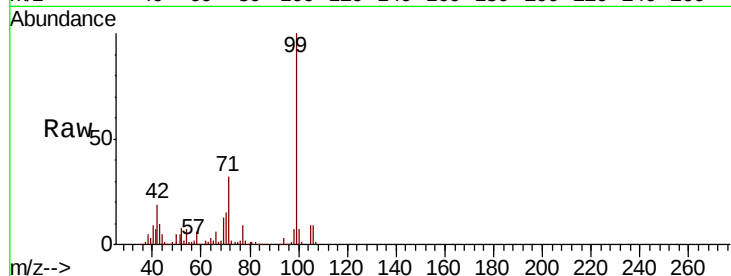
Tot Ion: 99 Resp: 412521

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.4	26.0
71	32.3	29.5	44.3

99 100

42 19.5 17.4 26.0

71 32.3 29.5 44.3



#8

2-Chlorophenol

Concen: 46.310 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

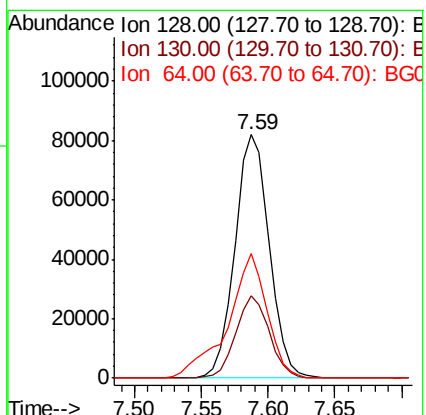
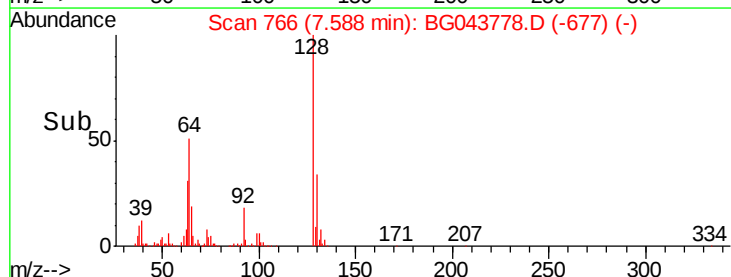
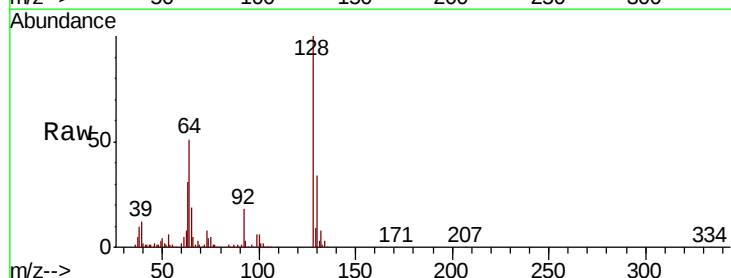
Tgt Ion: 128 Resp: 145923

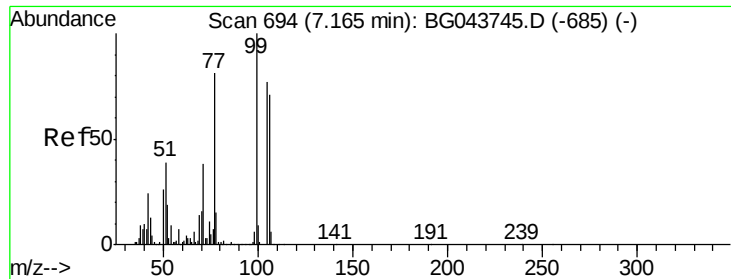
Ion	Ratio	Lower	Upper
128	100		
130	33.7	14.3	54.3
64	51.4	34.5	74.5

128 100

130 33.7 14.3 54.3

64 51.4 34.5 74.5





#9

Benzaldehyde

Concen: 49.379 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

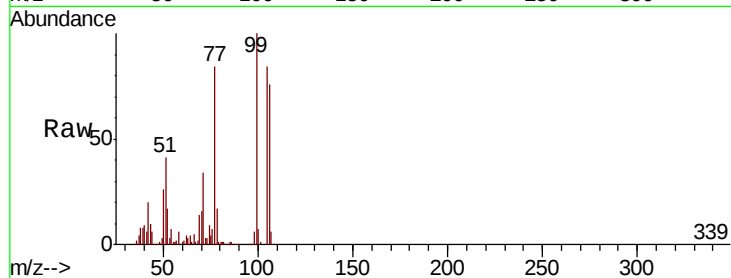
Tot Ion: 77 Resp: 118454

Ion Ratio Lower Upper

77 100

105 99.1 75.0 115.0

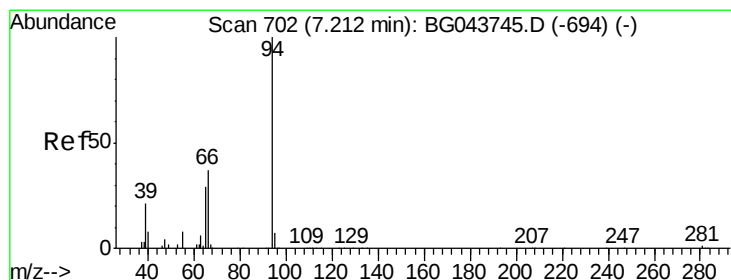
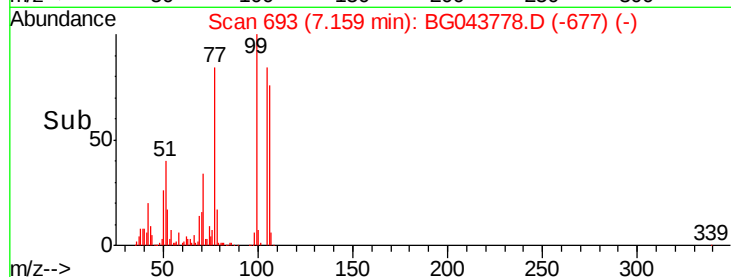
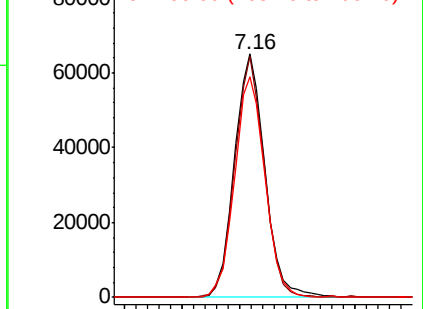
106 90.4 67.4 107.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.055 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

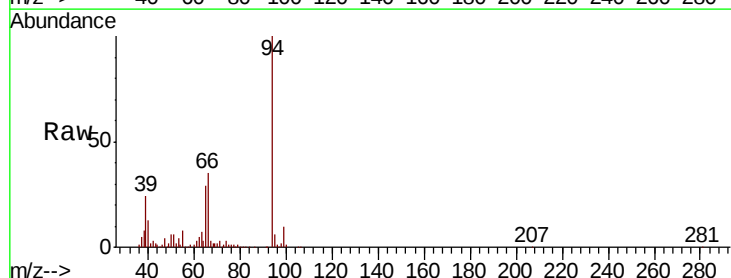
Tgt Ion: 94 Resp: 210488

Ion Ratio Lower Upper

94 100

65 29.3 10.3 50.3

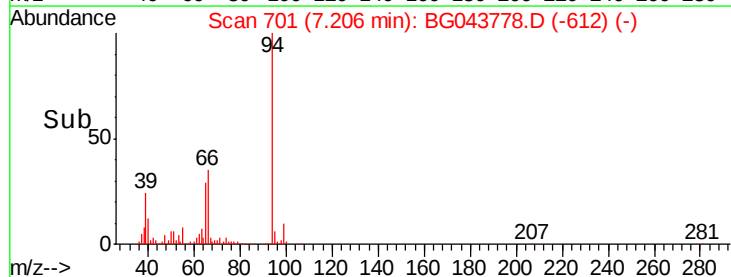
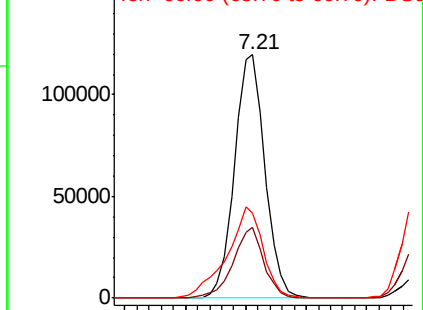
66 34.7 20.5 60.5

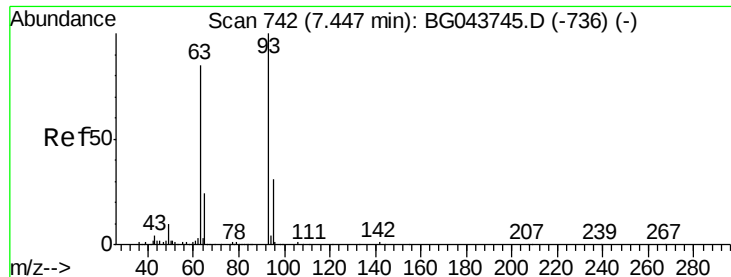


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 43.613 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

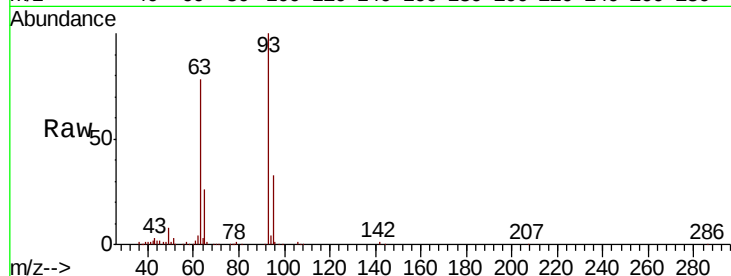
Tot Ion: 93 Resp: 150062

Ion Ratio Lower Upper

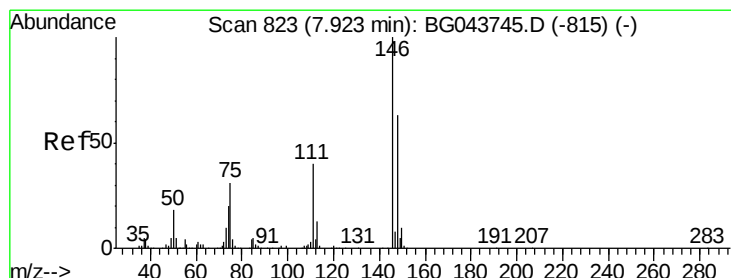
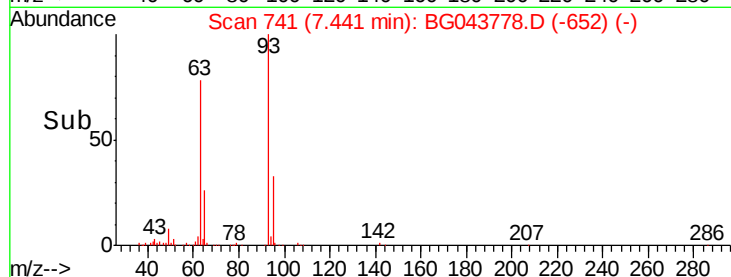
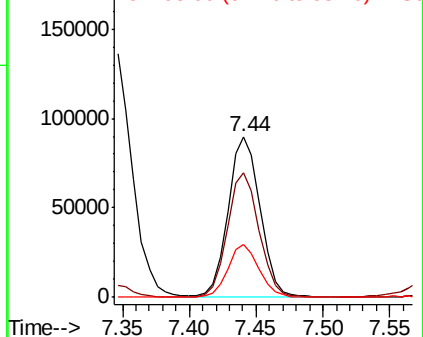
93 100

63 77.8 64.4 104.4

95 32.9 11.3 51.3



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: 40.411 ng

RT: 7.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

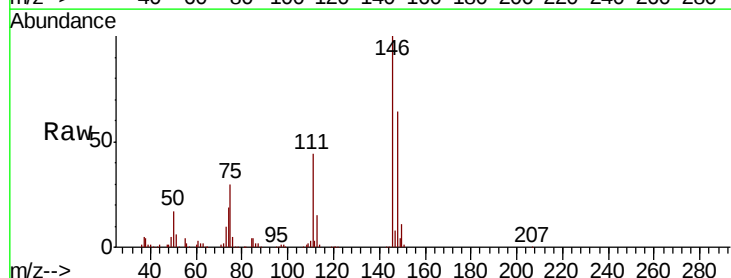
Tgt Ion: 146 Resp: 149896

Ion Ratio Lower Upper

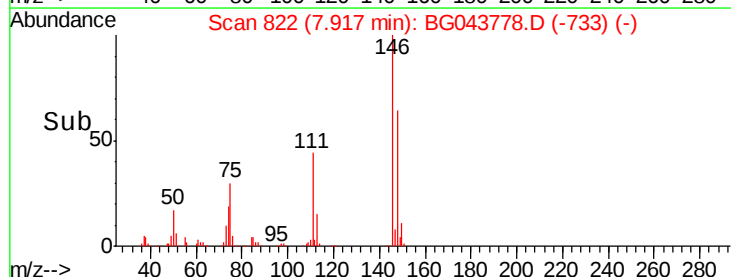
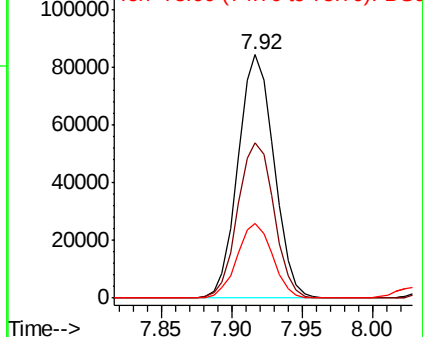
146 100

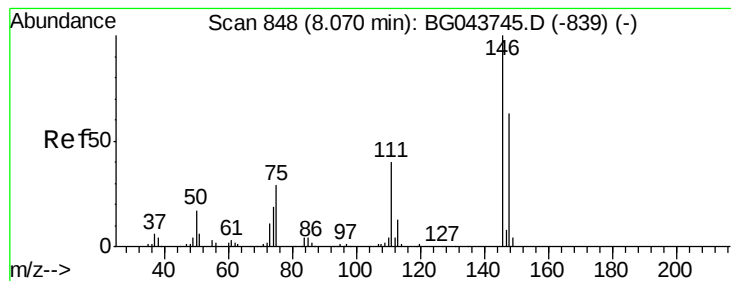
148 63.8 50.6 75.8

75 30.4 25.2 37.8



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: 41.453 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

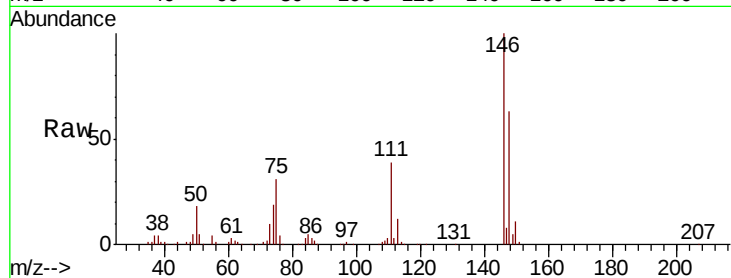
Tot Ion:146 Resp: 155741

Ion Ratio Lower Upper

146 100

148 63.4 50.1 75.1

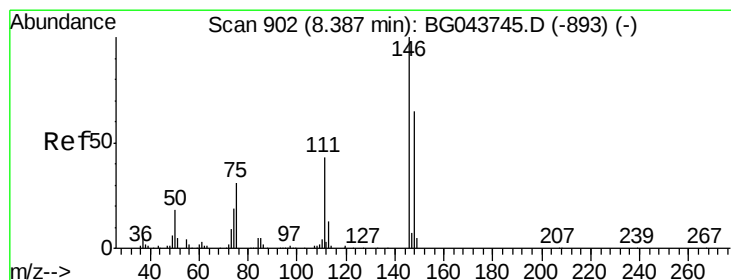
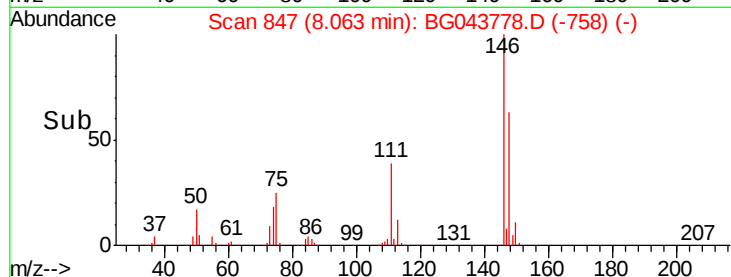
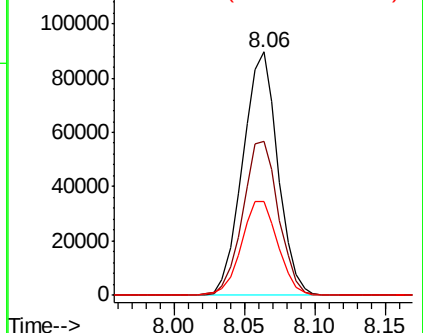
111 38.8 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.565 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

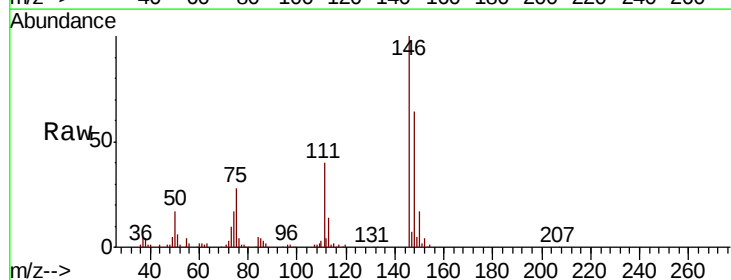
Tgt Ion:146 Resp: 158425

Ion Ratio Lower Upper

146 100

148 63.7 52.1 78.1

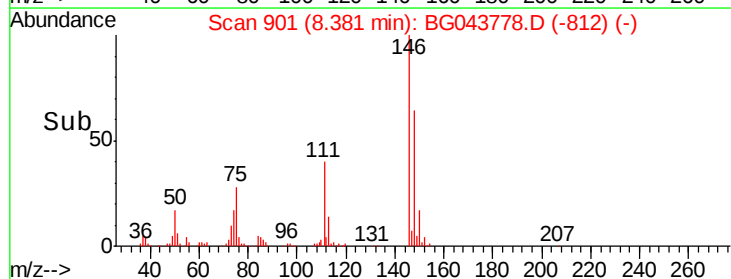
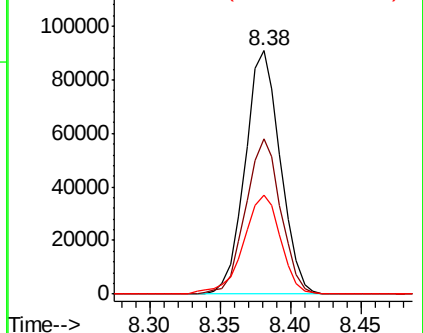
111 40.4 34.7 52.1

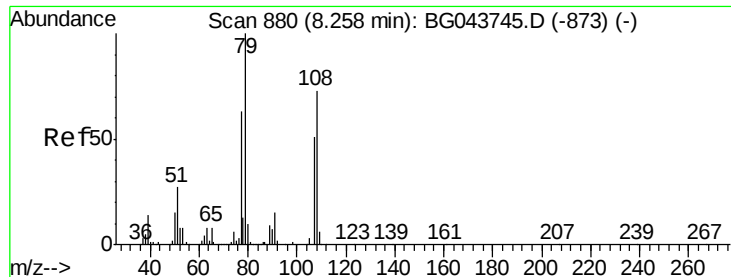


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.853 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

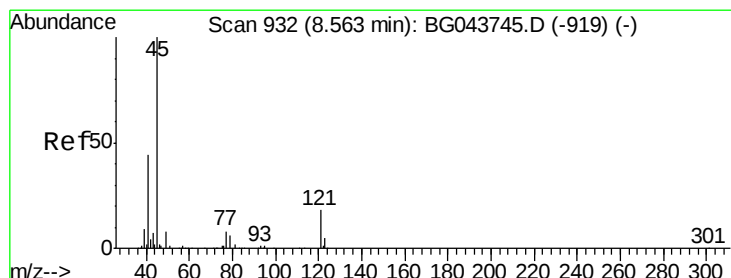
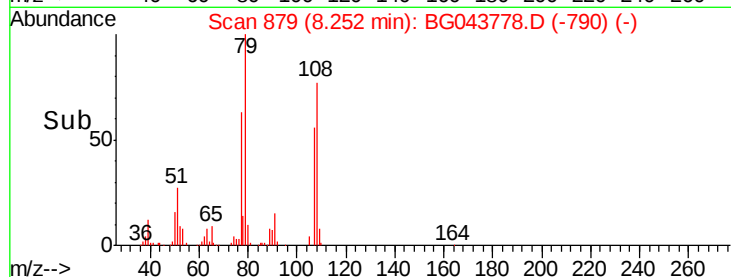
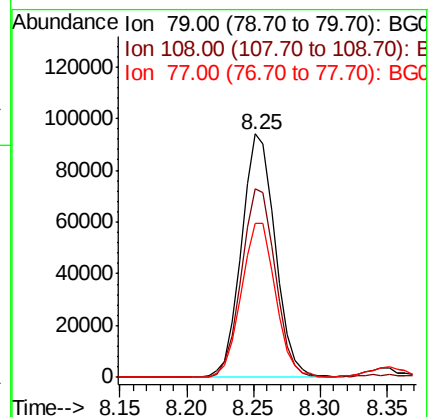
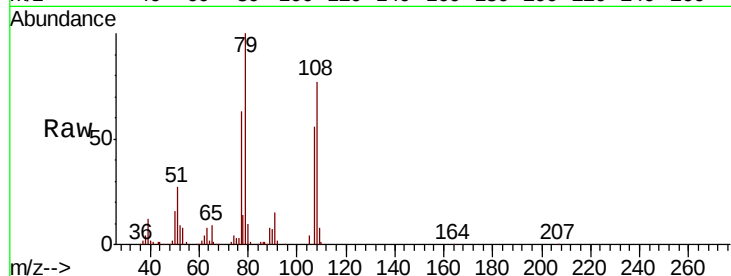
Tot Ion: 79 Resp: 163872

Ion Ratio Lower Upper

79 100

108 77.2 58.2 87.2

77 63.3 50.2 75.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.592 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

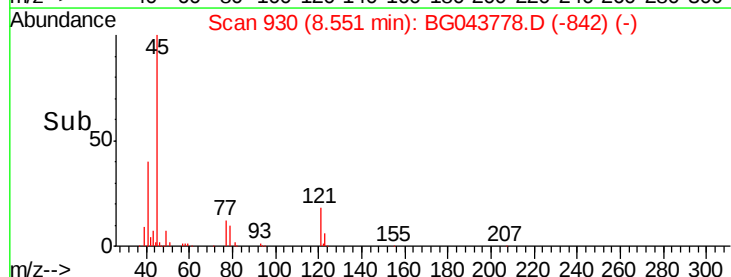
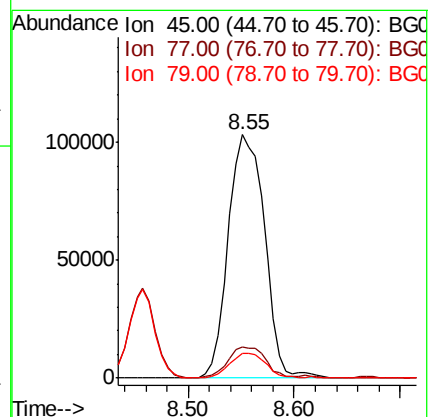
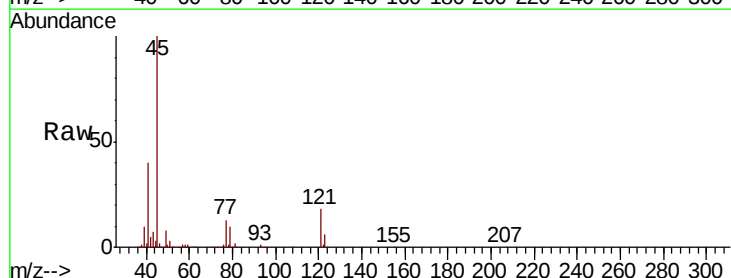
Tgt Ion: 45 Resp: 246118

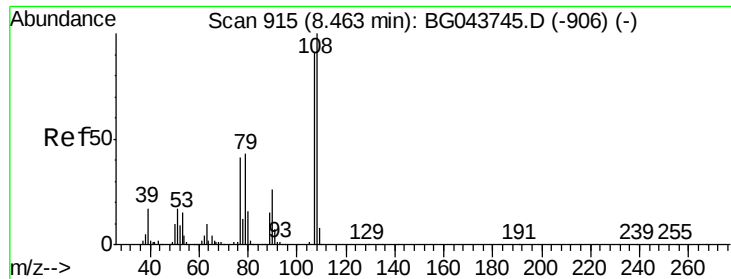
Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.2

79 10.2 0.0 29.9

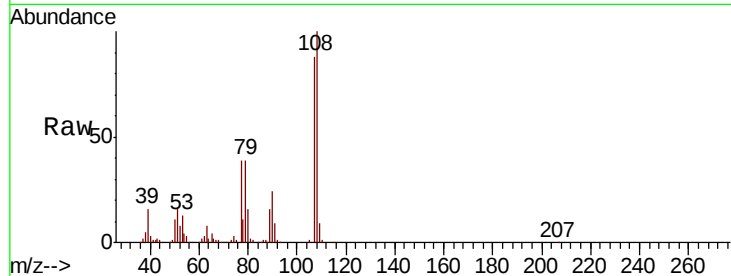




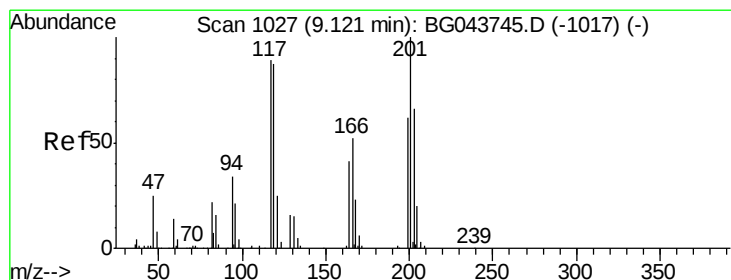
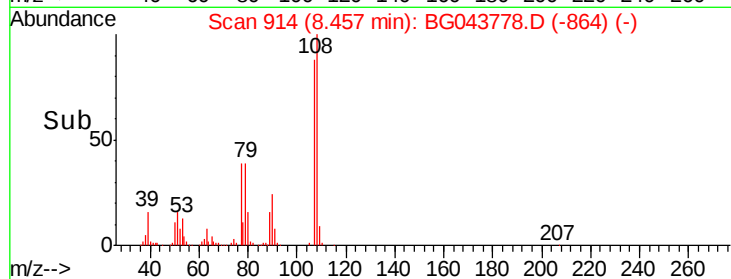
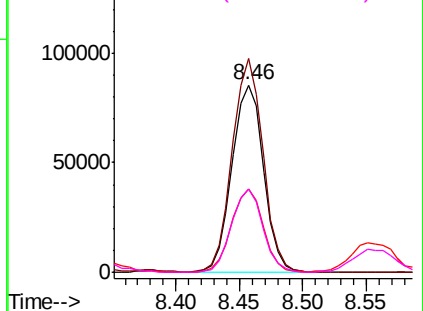
#17
2-Methylphenol
Concen: 49.798 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	146786
Ion	Ratio	Lower	Upper
107	100		
108	114.1	88.0	132.0
77	44.8	35.9	53.9
79	44.3	38.2	57.2

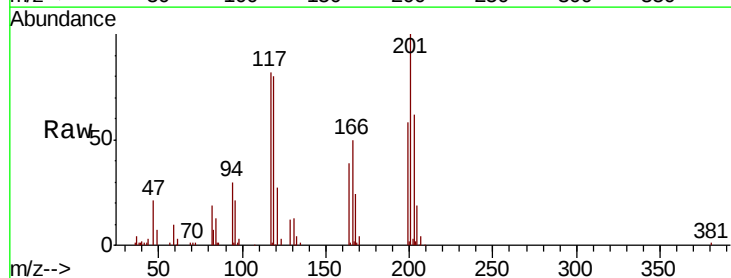


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

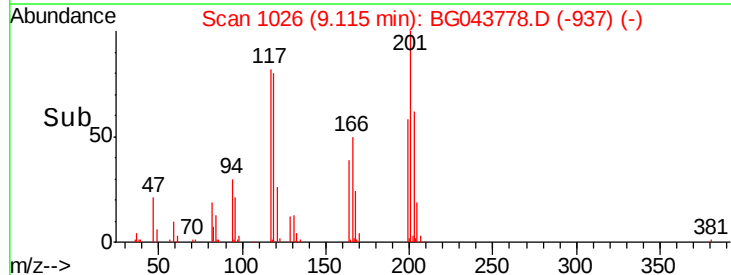
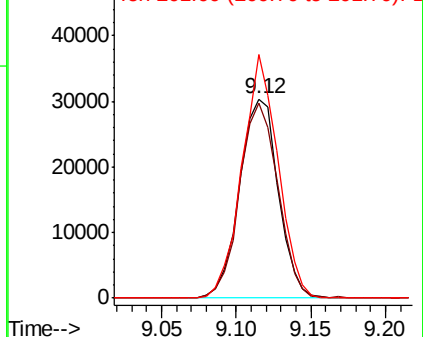


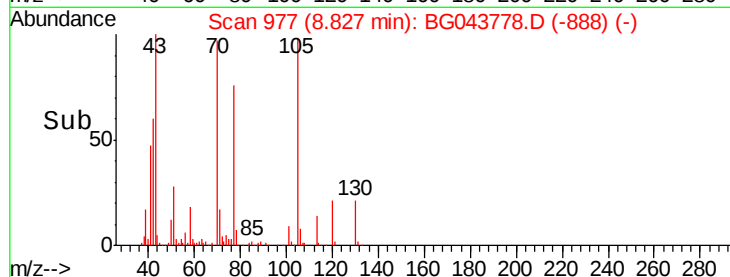
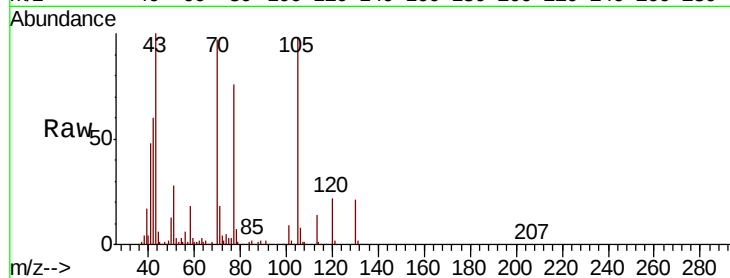
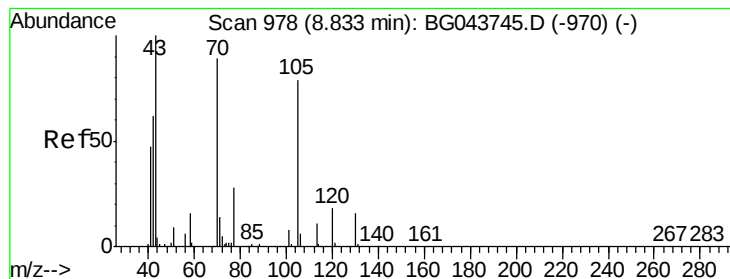
#18
Hexachloroethane
Concen: 38.490 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion:	117	Resp:	54589
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.7	116.5
201	122.4	89.4	134.0



Abundance Ion 117.00 (116.70 to 117.70): E
50000 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: 48.659 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 153675

Ion Ratio Lower Upper

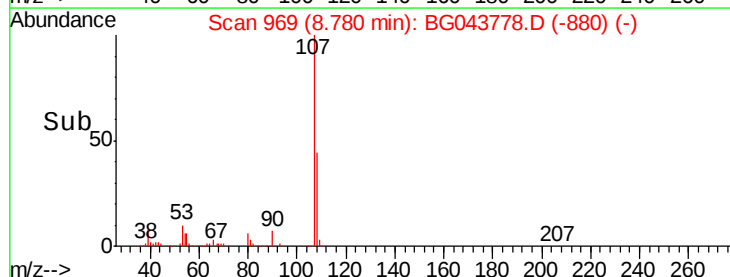
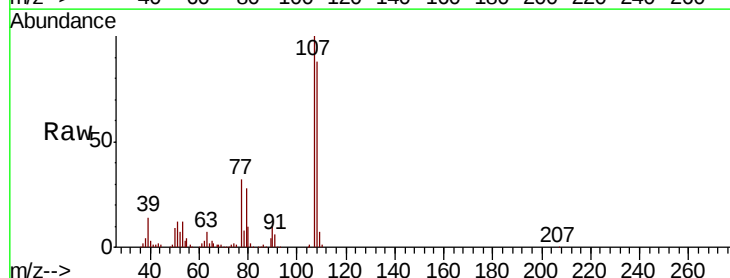
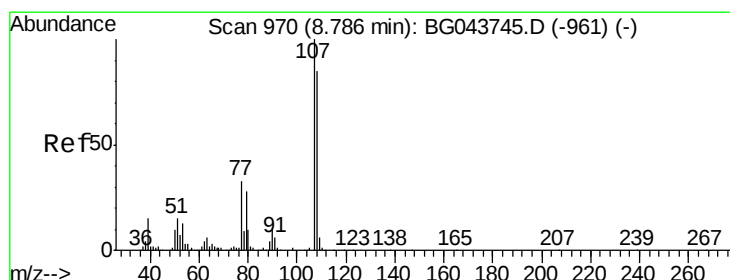
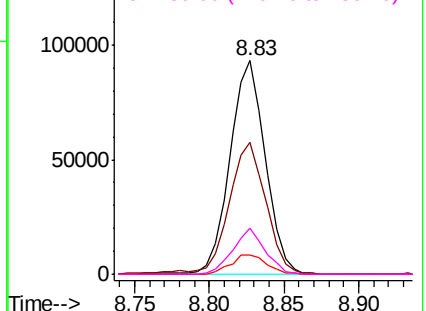
70 100

42 61.7 56.4 84.6

101 9.2 6.7 10.1

130 21.3 14.7 22.1

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: 51.998 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Tgt Ion: 107 Resp: 213829

Ion Ratio Lower Upper

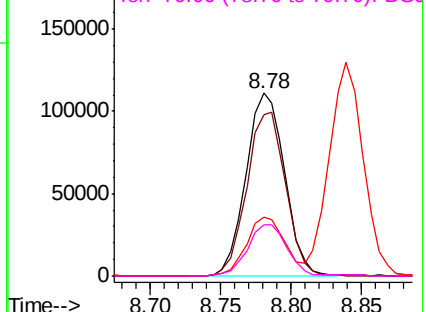
107 100

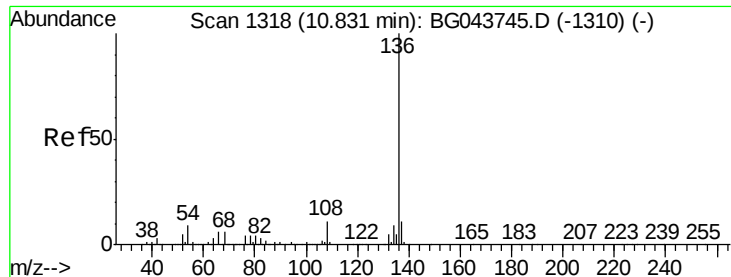
108 88.3 64.6 104.6

77 32.1 13.7 53.7

79 28.2 8.5 48.5

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: 10.82 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 274545

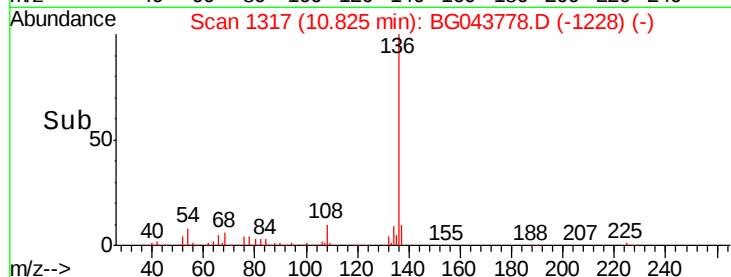
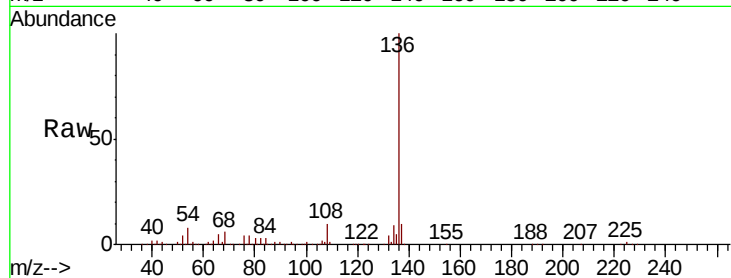
Ion Ratio Lower Upper

136 100

137 9.9 8.8 13.2

54 8.3 7.5 11.3

68 6.4 4.9 7.3

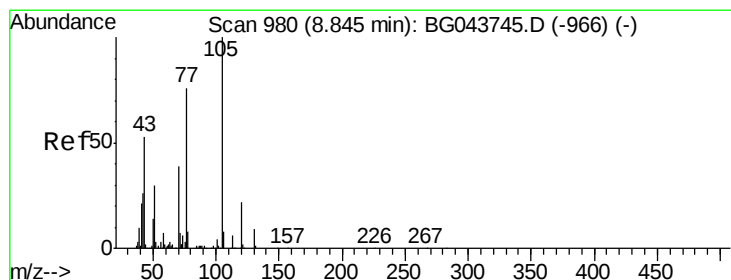
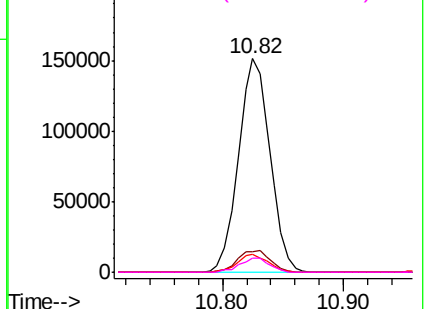


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.757 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Tgt Ion:105 Resp: 282025

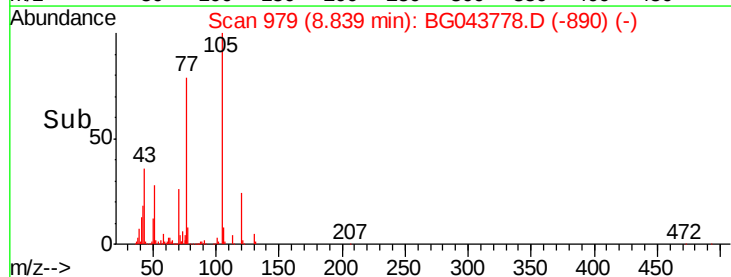
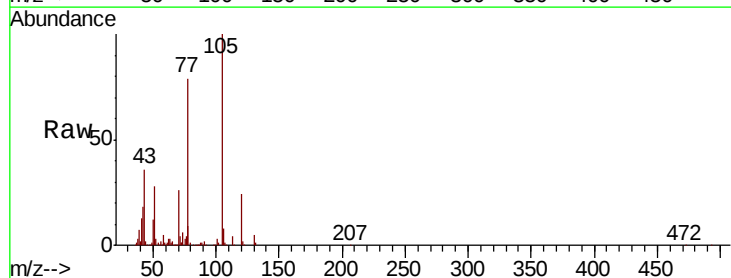
Ion Ratio Lower Upper

105 100

71 4.3 6.3 9.5#

51 28.1 24.7 37.1

120 23.7 17.7 26.5

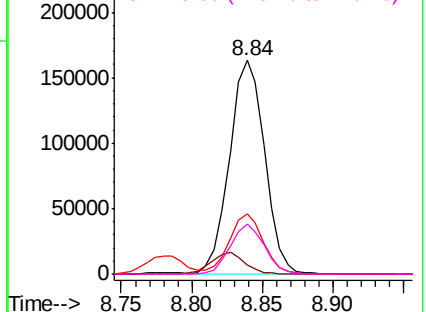


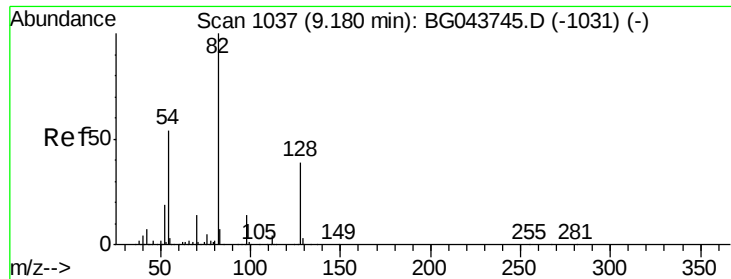
Abundance Ion 105.00 (104.70 to 105.70): E

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

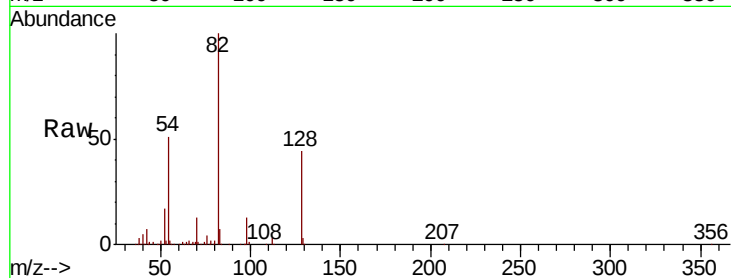




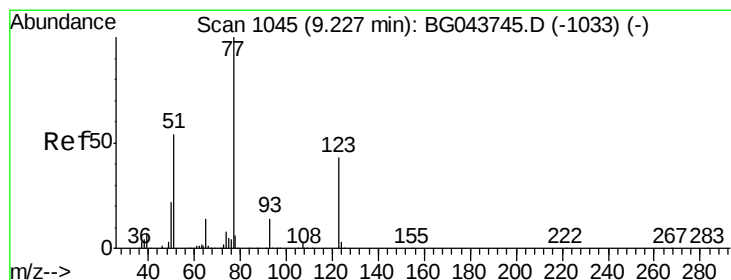
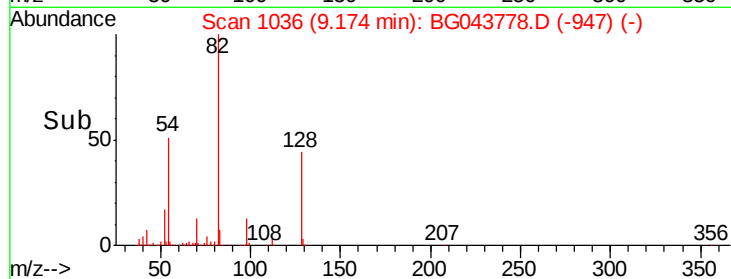
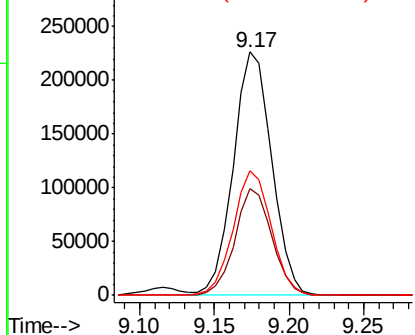
#23
 Nitrobenzene-d5
 Concen: 81.008 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	404499
Ion Ratio	Lower	Upper	
82	100		
128	43.6	31.3	46.9
54	51.0	42.7	64.1

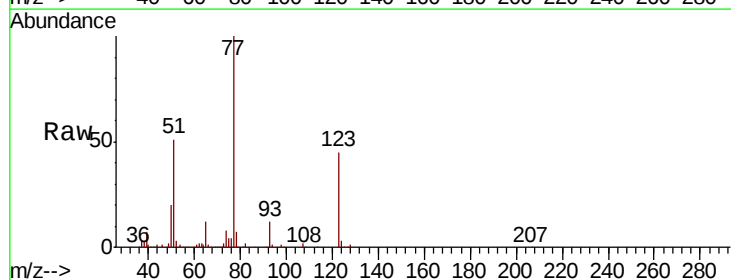


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

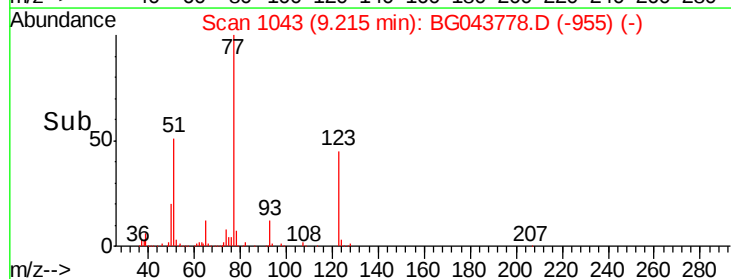
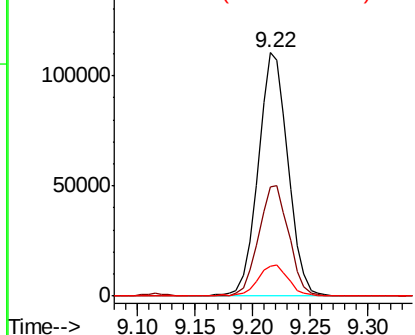


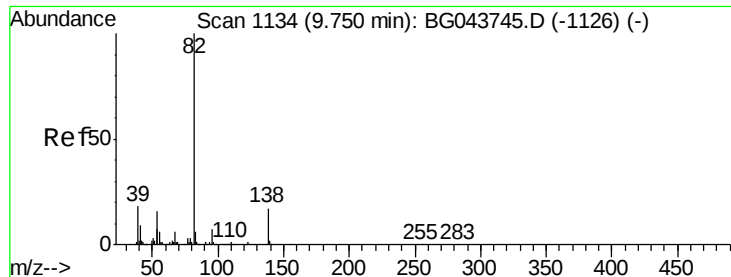
#24
 Nitrobenzene
 Concen: 38.889 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

Tgt Ion	77	Resp	199600
Ion Ratio	Lower	Upper	
77	100		
123	45.1	34.7	52.1
65	12.4	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

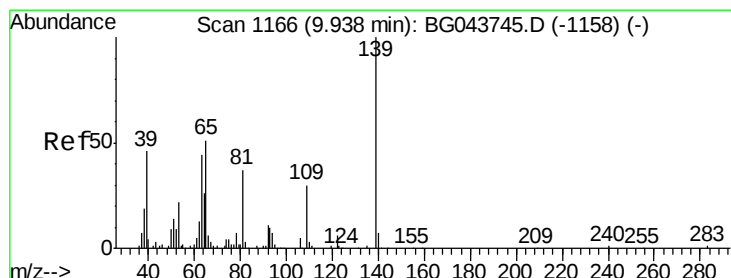
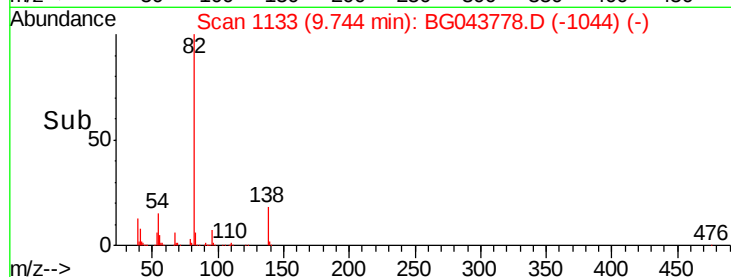
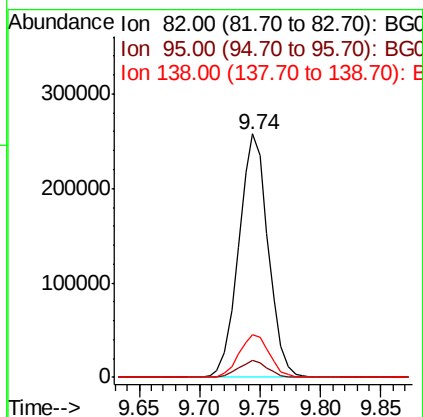
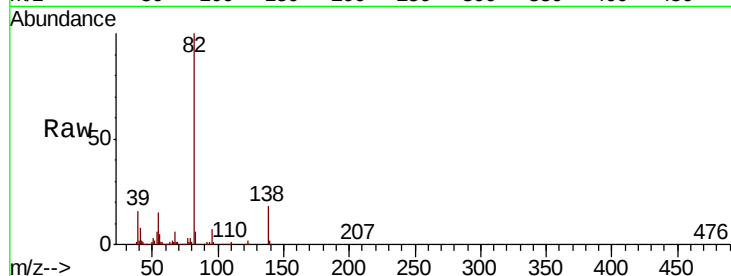




#25
Isophorone
Concen: 40.753 ng
RT: 9.74 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

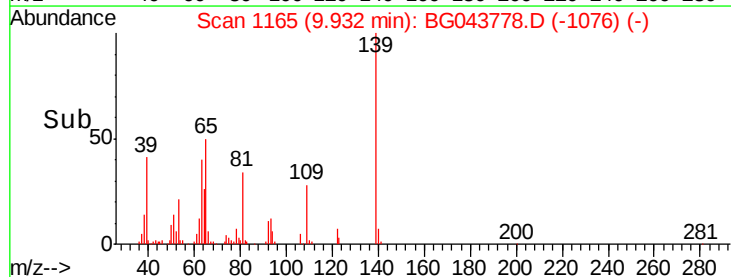
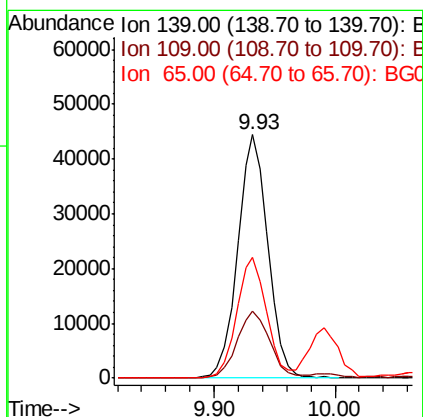
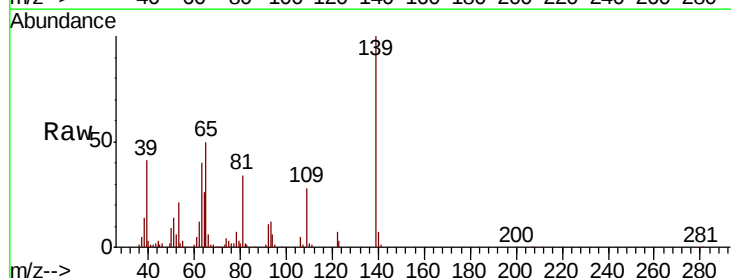
Instrument :
BNA_F
ClientSampleId :

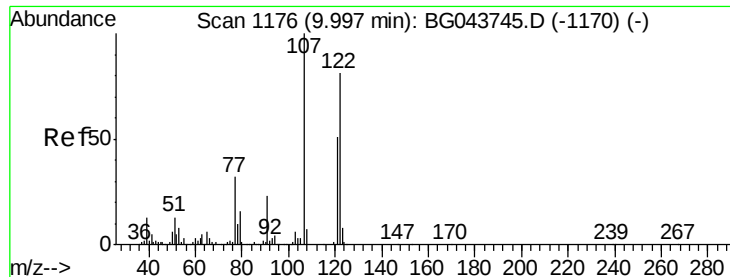
Tot Ion: 82 Resp: 436341
Ion Ratio Lower Upper
82 100
95 7.0 5.9 8.9
138 17.7 13.3 19.9



#26
2-Nitrophenol
Concen: 41.595 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion: 139 Resp: 77025
Ion Ratio Lower Upper
139 100
109 27.5 24.1 36.1
65 49.8 41.1 61.7

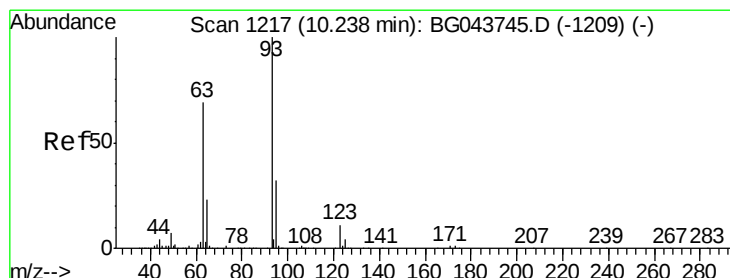
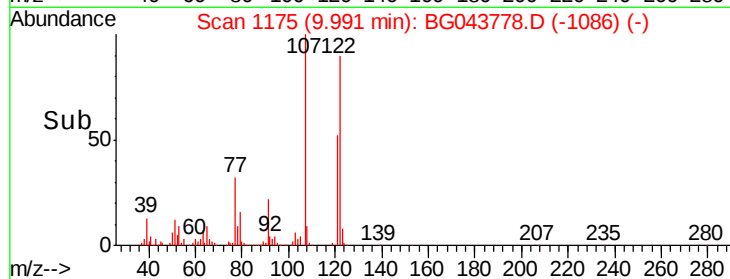
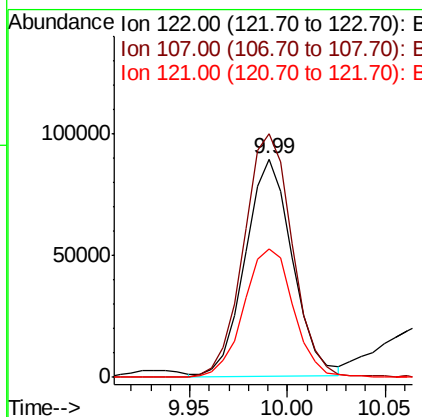
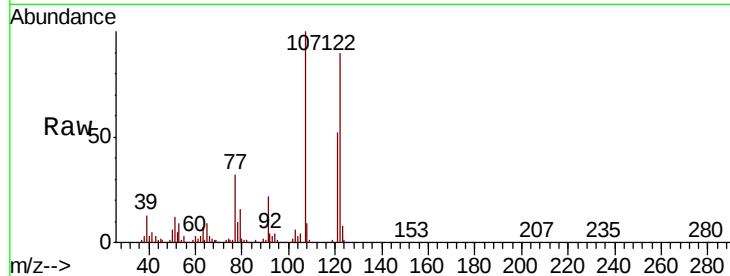




#27
 2,4-Dimethylphenol
 Concen: 41.377 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

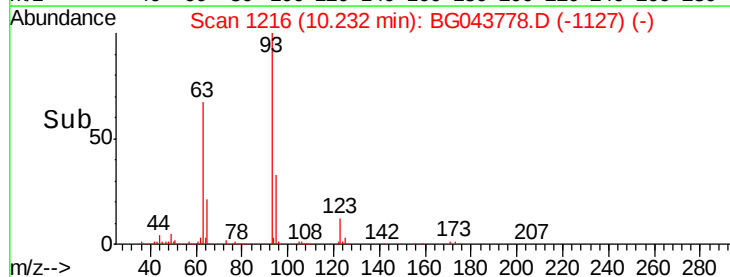
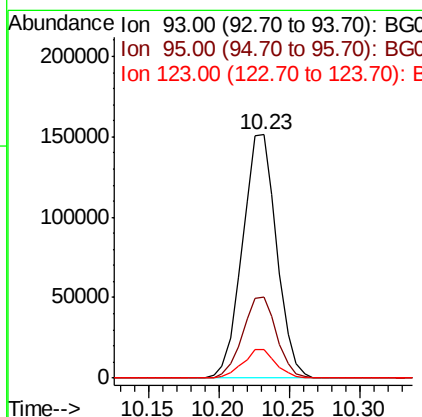
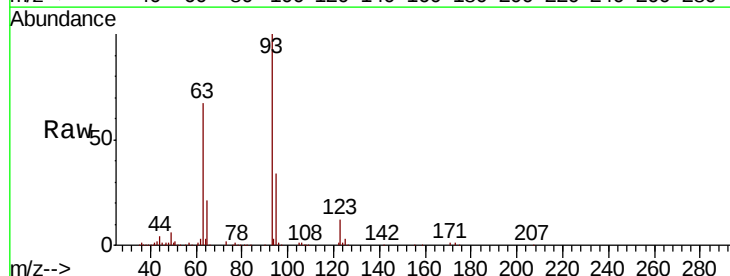
Instrument :
 BNA_F
 ClientSampled :

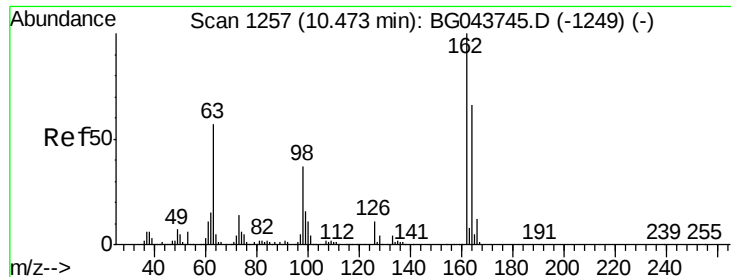
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	98.5	147.7
121	58.5	49.6	74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.814 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.0	39.0
123	11.8	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 43.296 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampled :

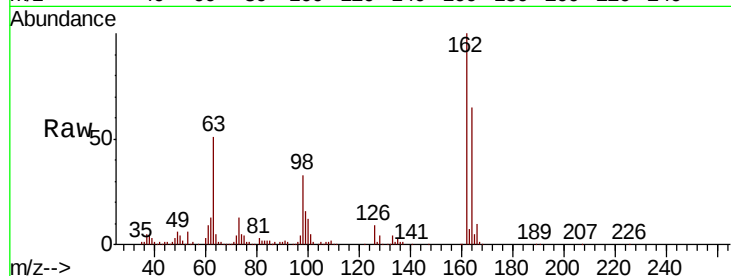
Tot Ion:162 Resp: 191385

Ion Ratio Lower Upper

162 100

164 64.9 46.4 86.4

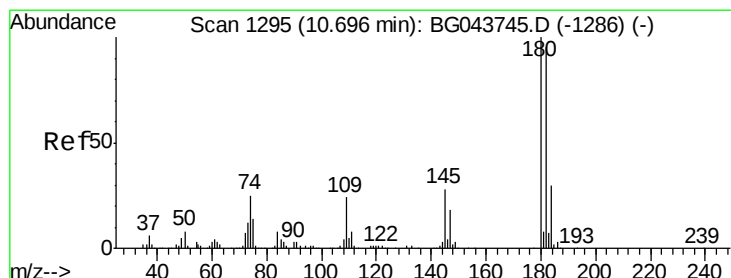
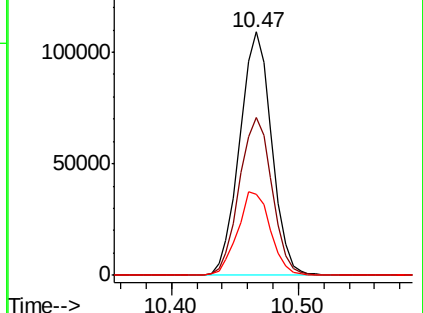
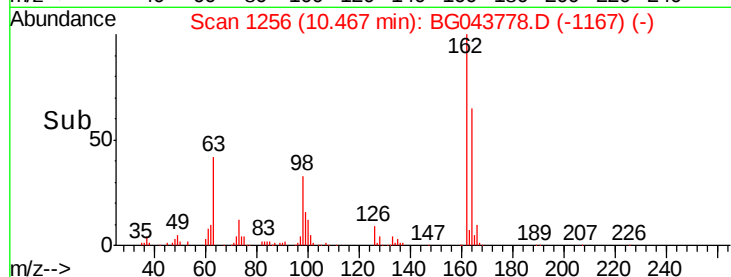
98 33.4 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 37.292 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

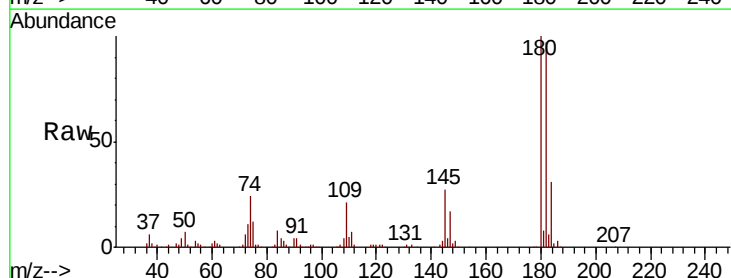
Tgt Ion:180 Resp: 193171

Ion Ratio Lower Upper

180 100

182 96.6 75.8 113.6

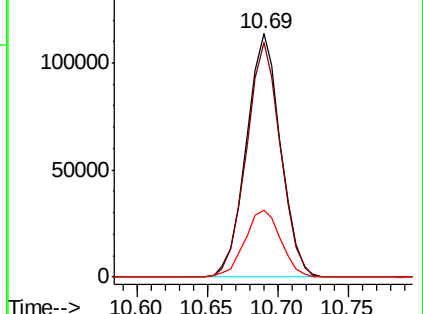
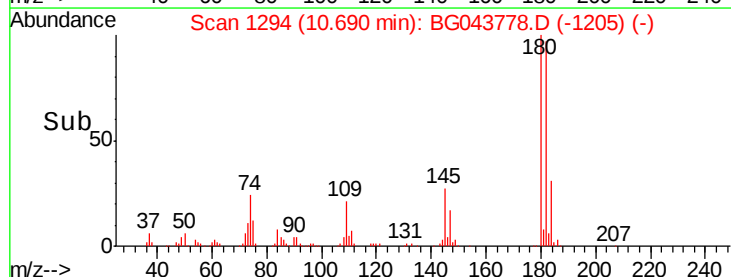
145 27.5 22.5 33.7

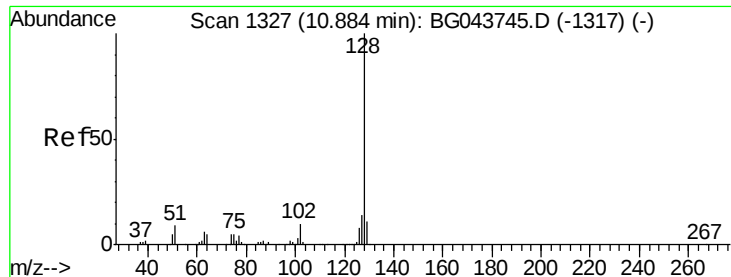


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

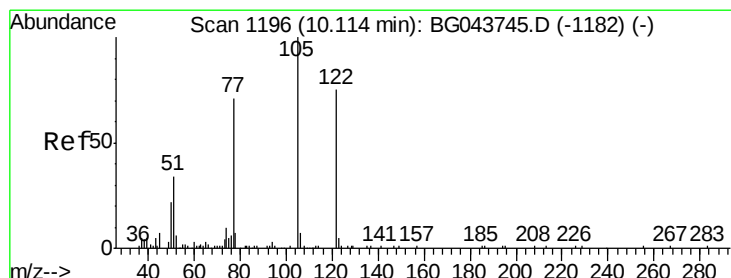
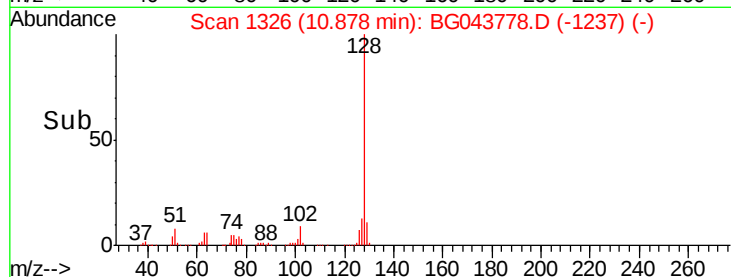
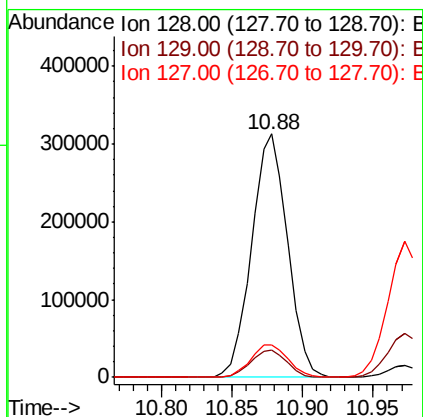
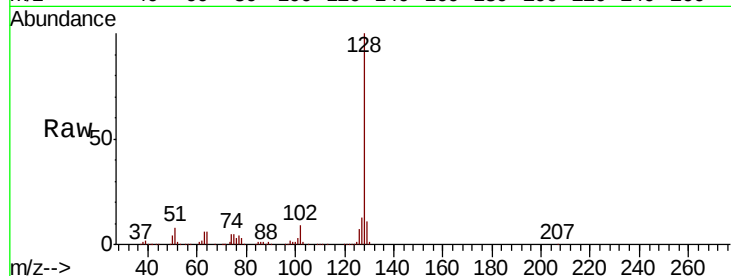




#31
Naphthalene
Concen: 40.951 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

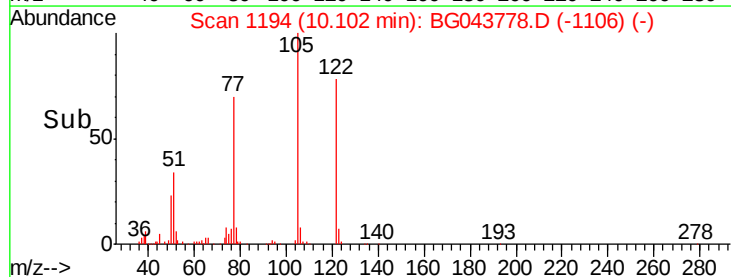
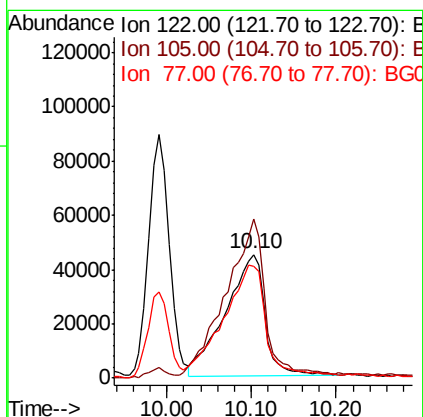
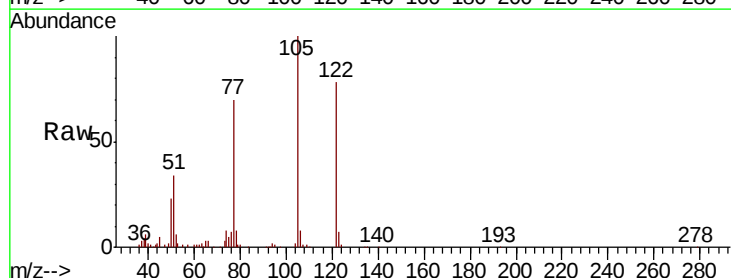
Instrument :
BNA_F
ClientSampleId :

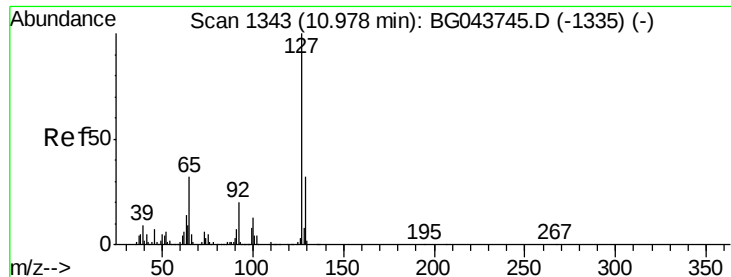
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.5	11.4	17.0



#32
Benzoic acid
Concen: 55.558 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.5	109.3	149.3
77	90.0	76.1	116.1

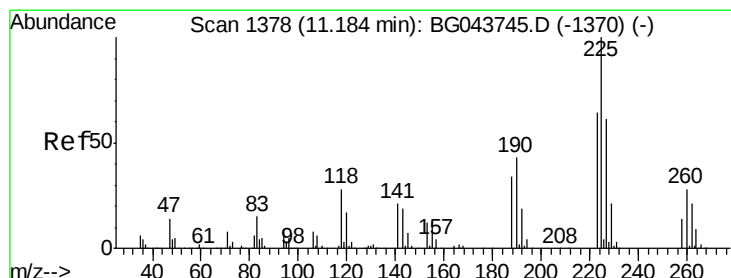
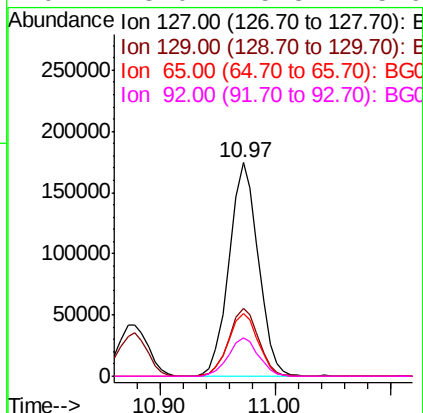
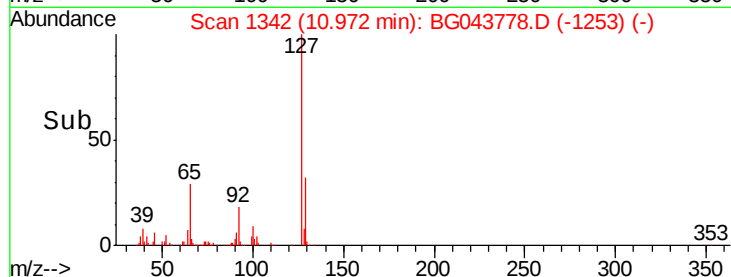
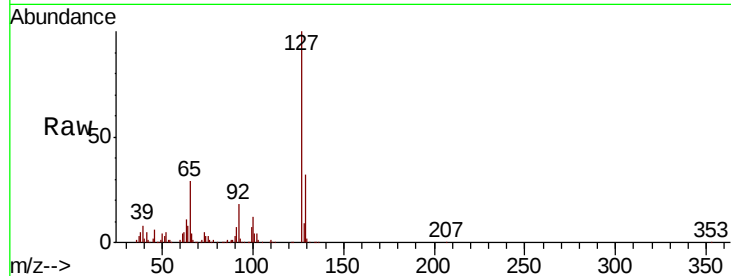




#33
4-Chloroaniline
Concen: 46.627 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

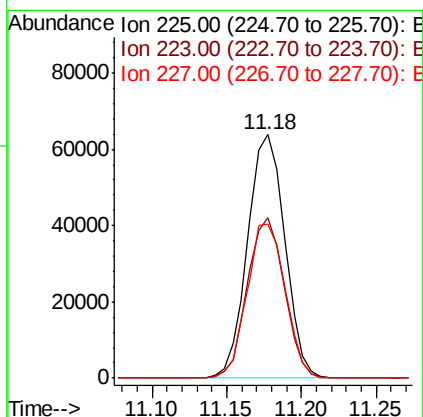
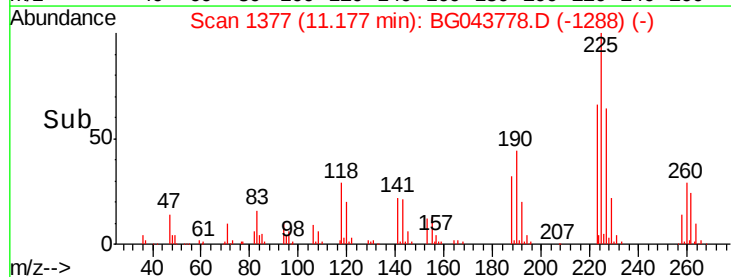
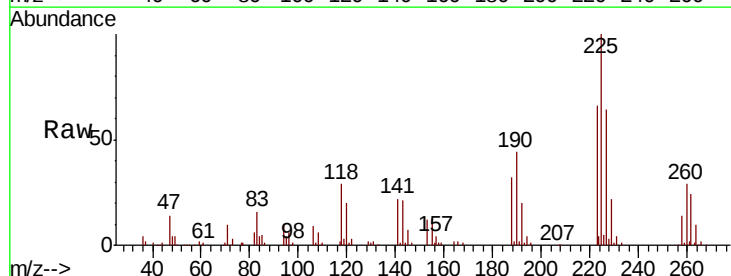
Instrument :
BNA_F
ClientSampled :

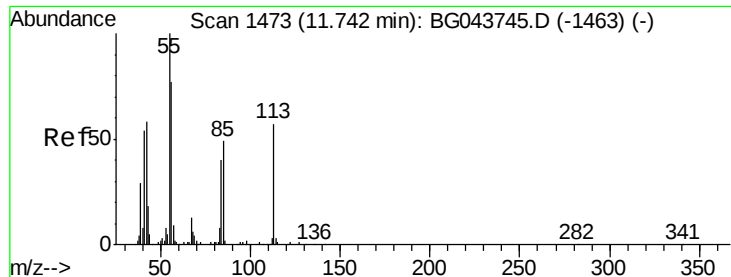
Tot Ion:	127	Resp:	305948
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	29.3	25.8	38.8
92	18.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 32.324 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion:	225	Resp:	110103
Ion	Ratio	Lower	Upper
225	100		
223	65.9	51.2	76.8
227	63.5	51.0	76.4

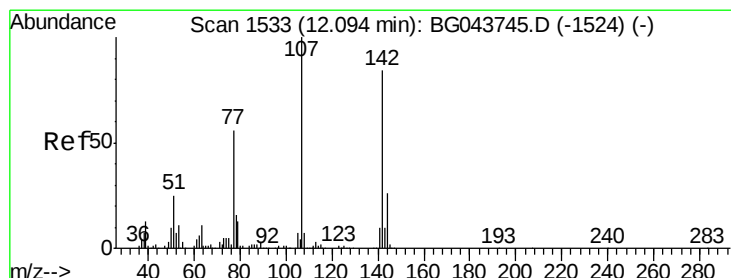
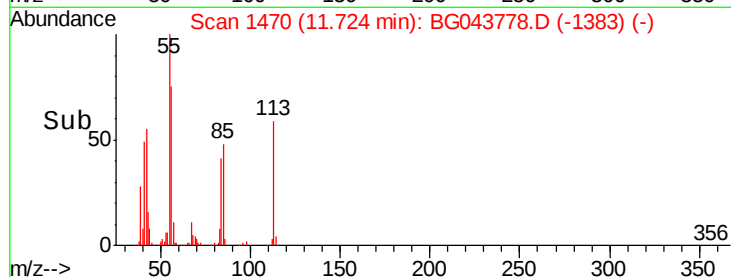
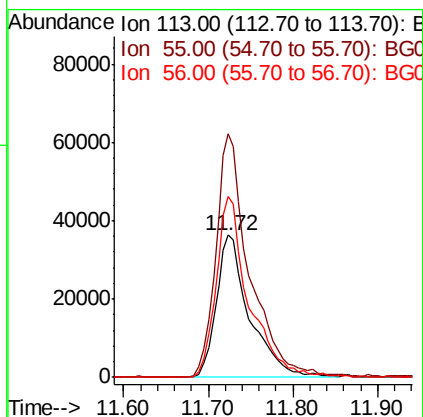
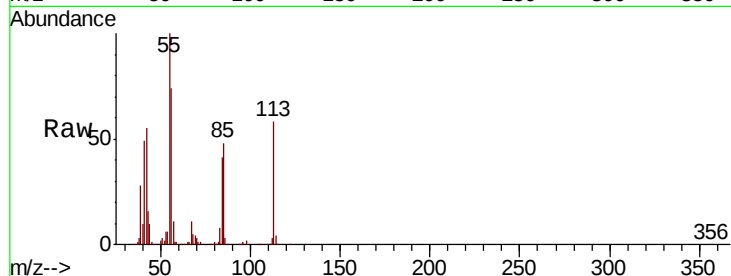




#35
Caprolactam
Concen: 55.132 ng
RT: 11.72 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

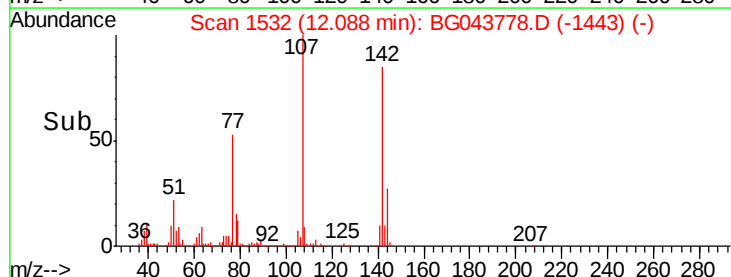
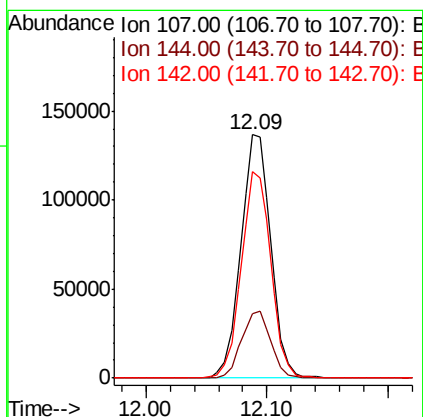
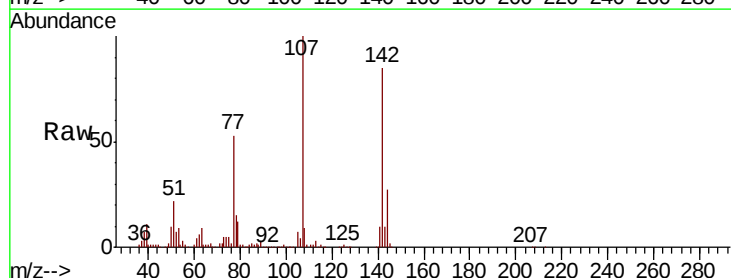
Instrument :
BNA_F
ClientSampleId :

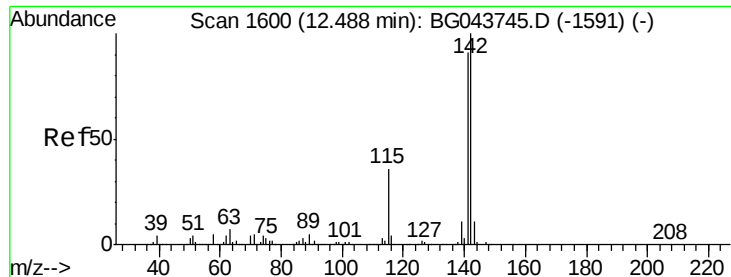
Tot Ion:113 Resp: 99095
Ion Ratio Lower Upper
113 100
55 171.0 160.9 200.9
56 127.1 116.8 156.8



#36
4-Chloro-3-methylphenol
Concen: 47.544 ng
RT: 12.09 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion:107 Resp: 236184
Ion Ratio Lower Upper
107 100
144 26.7 21.0 31.4
142 84.9 67.0 100.4

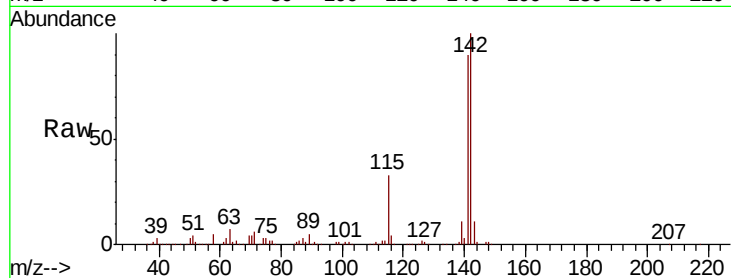




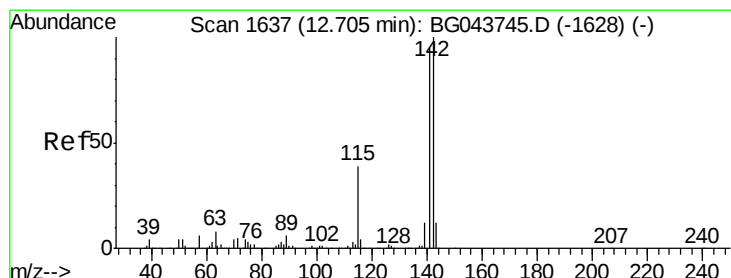
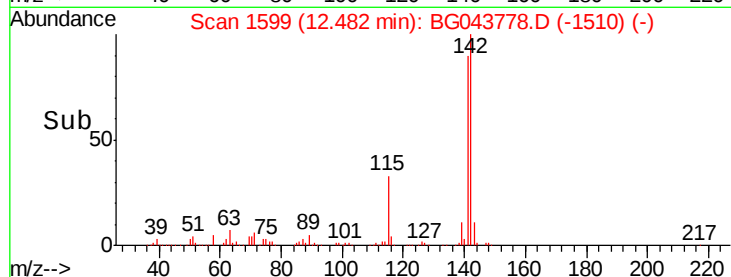
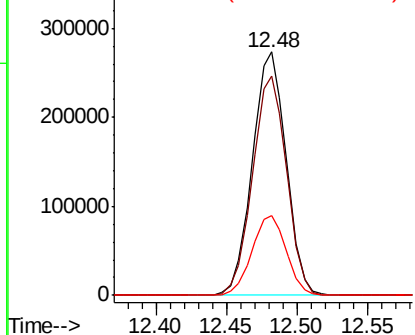
#37
2-Methylnaphthalene
Concen: 44.742 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.8	109.2
115	32.9	28.9	43.3

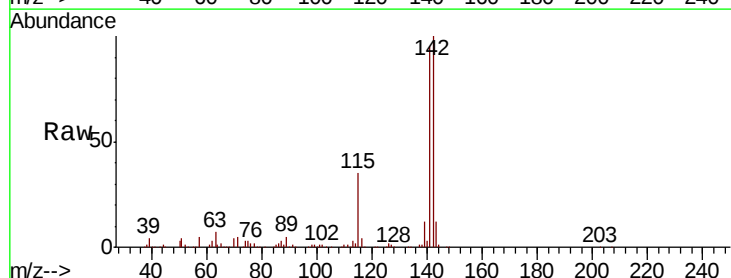


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

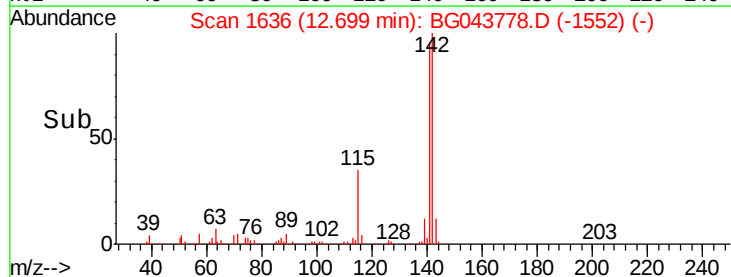
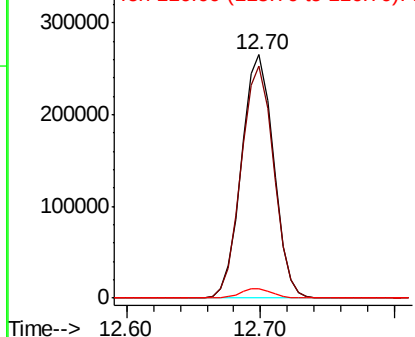


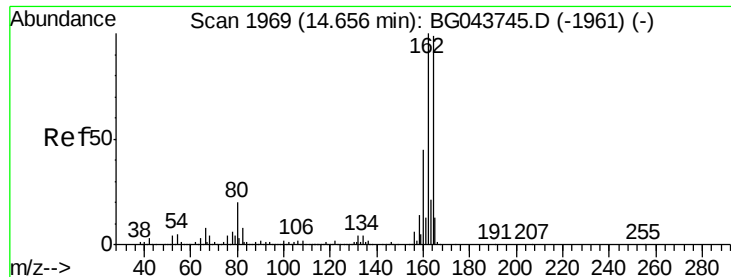
#38
1-Methylnaphthalene
Concen: 45.296 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	75.8	113.8
116	4.0	3.4	5.0



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

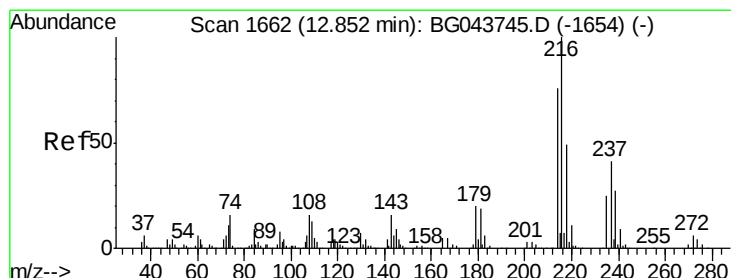
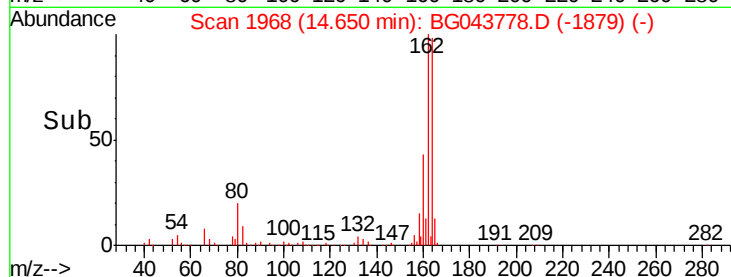
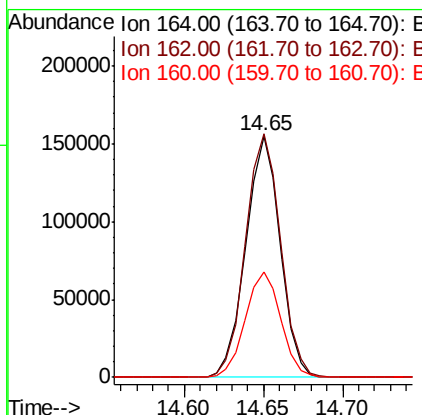
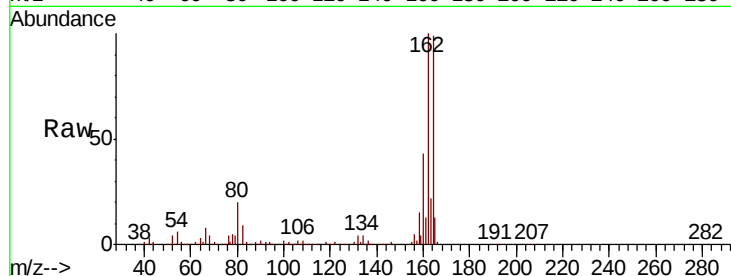




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

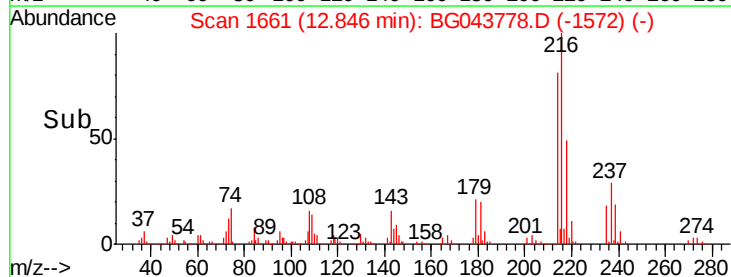
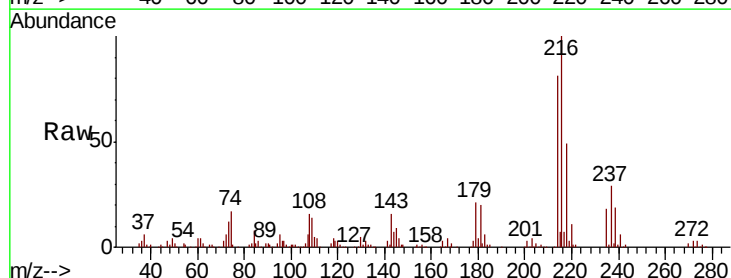
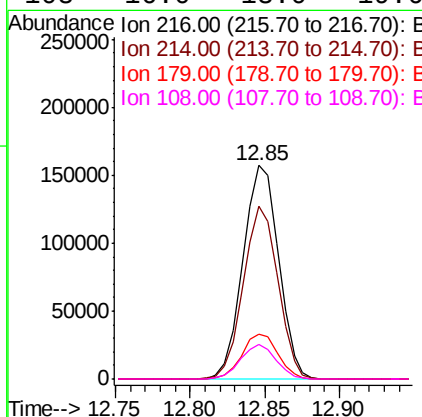
Instrument :
BNA_F
ClientSampleId :

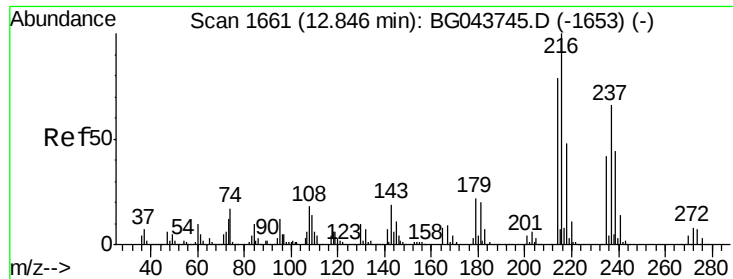
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	121.0
160	43.8	36.3	54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.807 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.0	93.0
179	21.3	16.3	24.5
108	16.0	13.0	19.6

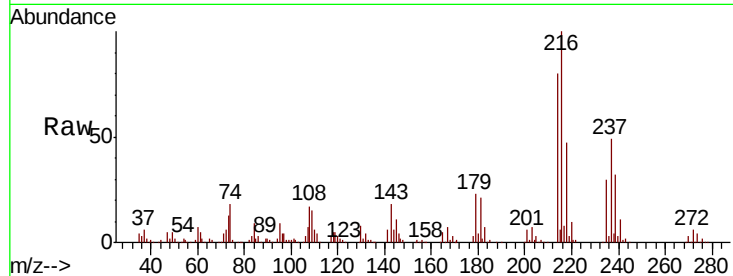




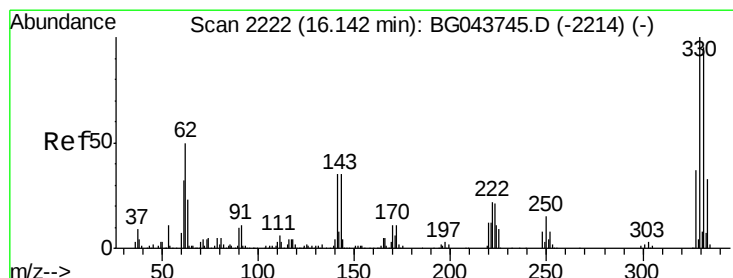
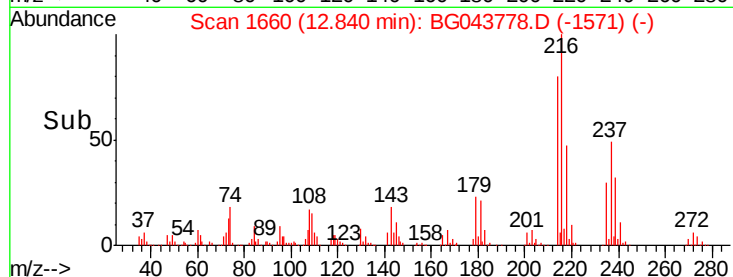
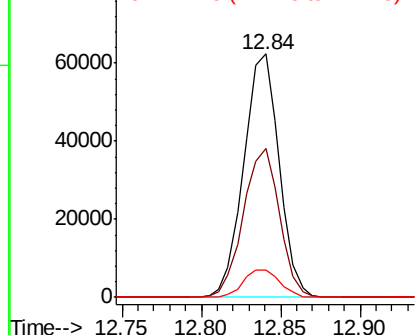
#41
Hexachlorocyclopentadiene
Concen: 24.099 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 96695
Ion Ratio Lower Upper
237 100
235 61.2 43.8 83.8
272 11.3 0.0 31.8

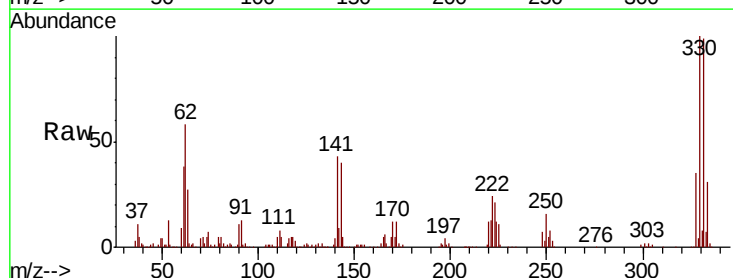


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

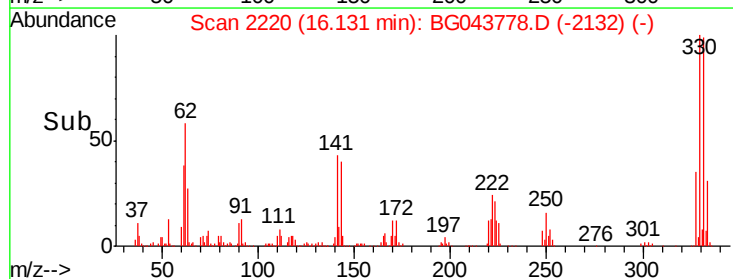
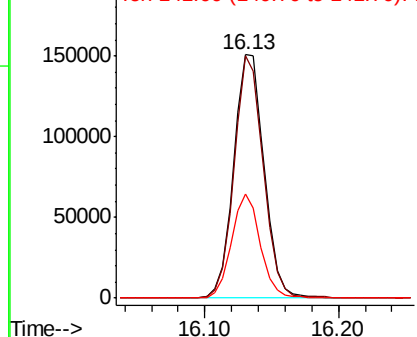


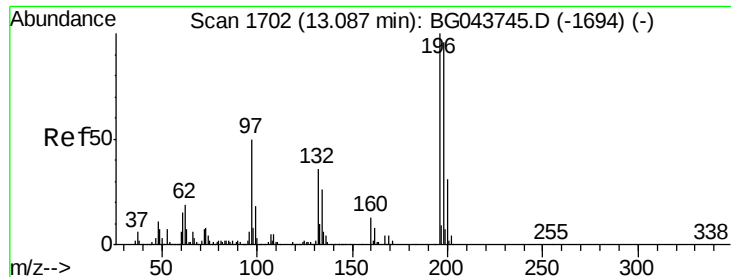
#42
2,4,6-Tribromophenol
Concen: 84.746 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion:330 Resp: 238570
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 40.6 31.4 47.2



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

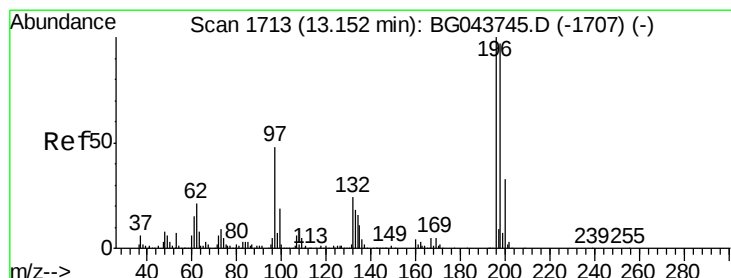
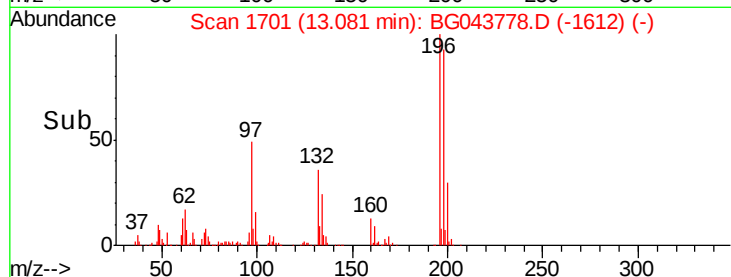
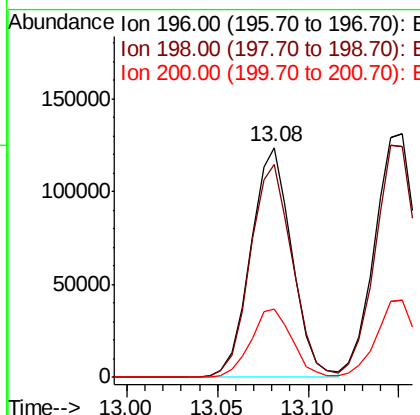
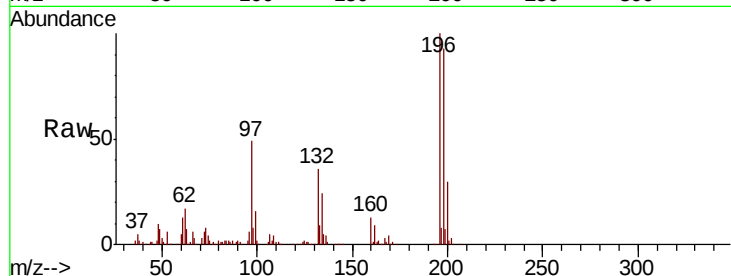




#43
 2,4,6-Trichlorophenol
 Concen: 40.693 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

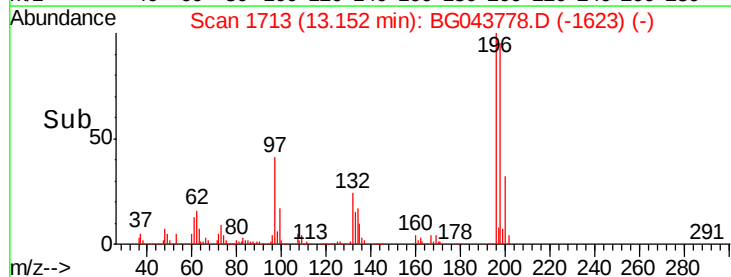
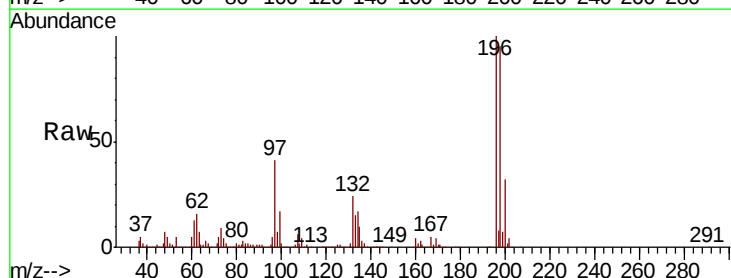
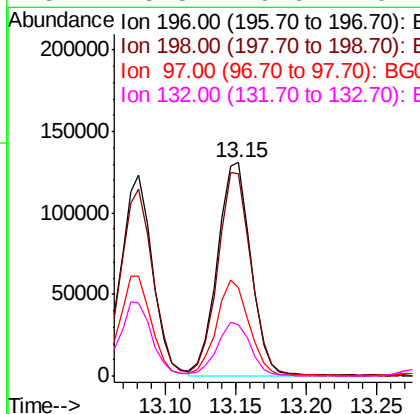
Instrument :
 BNA_F
 ClientSampleId :

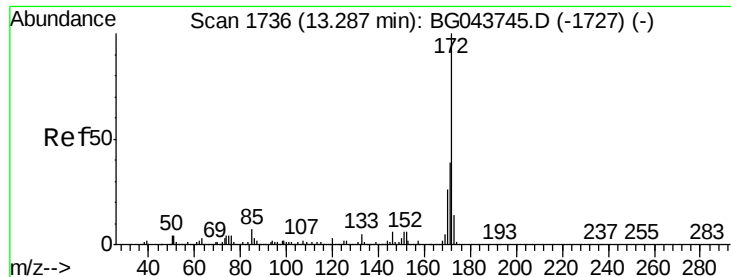
Tot Ion	196	Resp	194365
Ion Ratio	Lower	Upper	
196	100		
198	92.8	76.5	114.7
200	29.7	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 43.222 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

Tgt Ion	196	Resp	214768
Ion Ratio	Lower	Upper	
196	100		
198	94.8	78.2	117.2
97	41.5	39.1	58.7
132	23.8	19.6	29.4

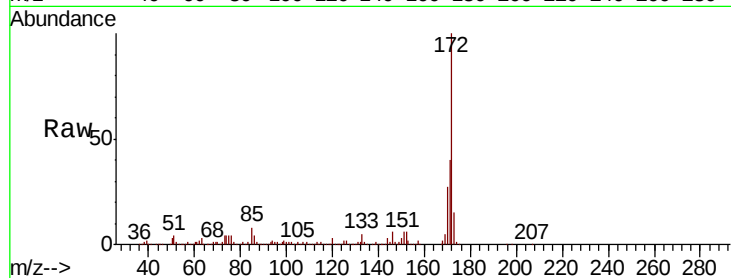




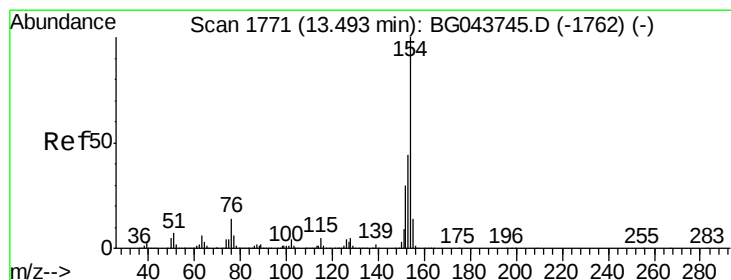
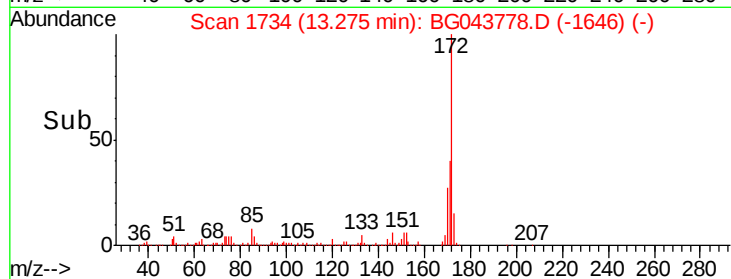
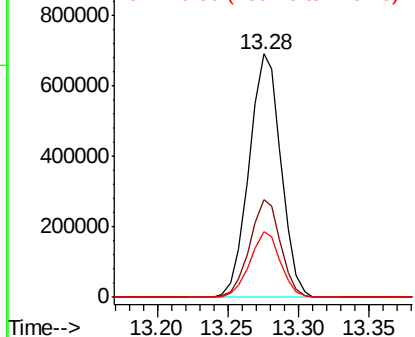
#45
2-Fluorobiphenyl
Concen: 77.111 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1094876
Ion Ratio Lower Upper
172 100
171 40.3 31.0 46.6
170 27.1 21.0 31.4

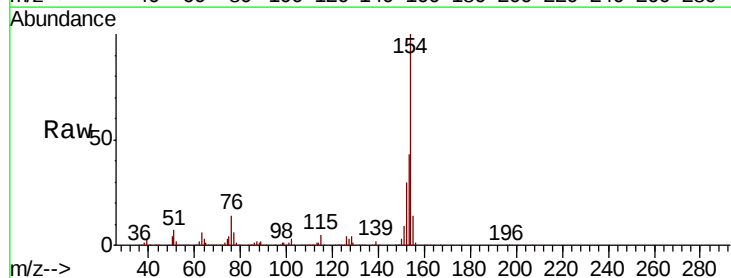


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

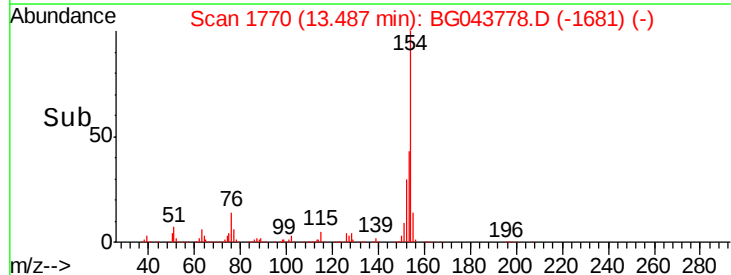
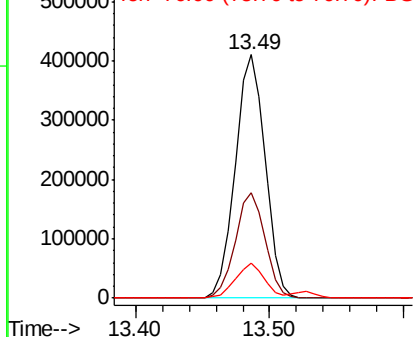


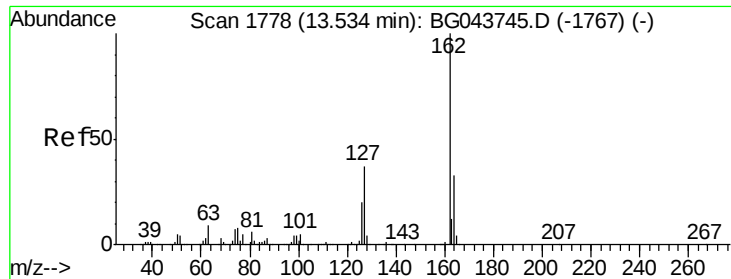
#46
1,1'-Biphenyl
Concen: 39.267 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion:154 Resp: 635273
Ion Ratio Lower Upper
154 100
153 43.5 23.5 63.5
76 14.2 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

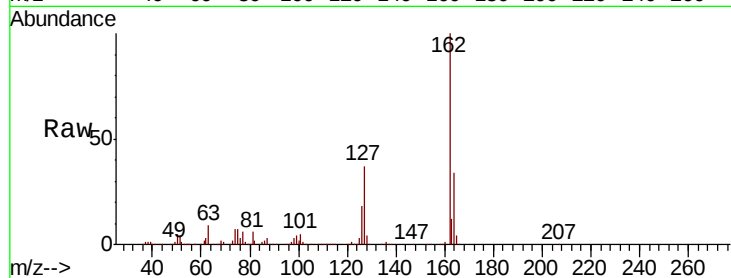




#47
2-Chloronaphthalene
Concen: 39.712 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.0	45.0
164	33.5	26.4	39.6

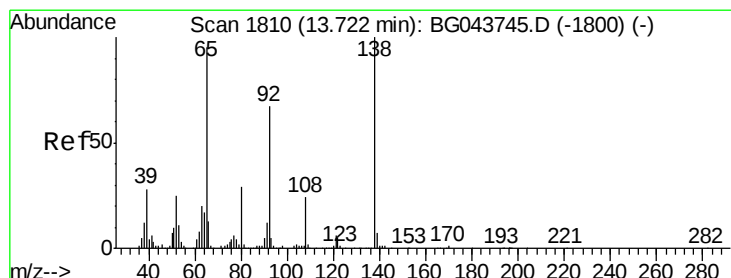
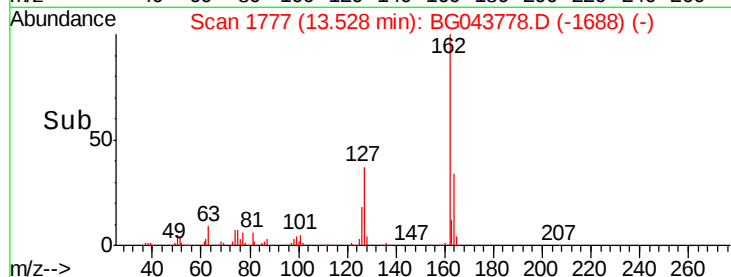
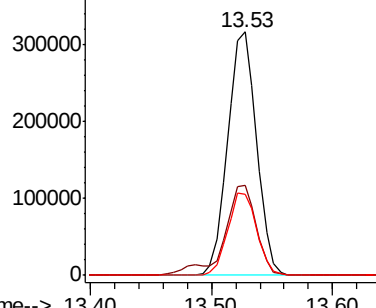


Abundance

Ion 162.00 (161.70 to 162.70): E

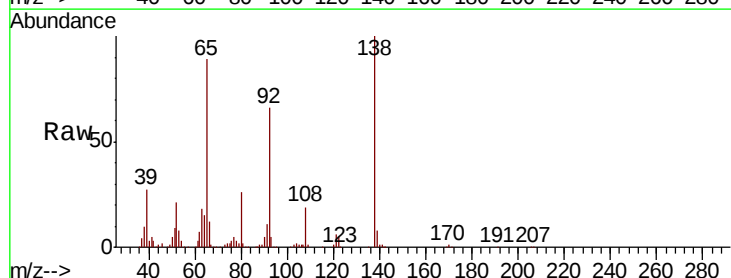
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.902 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	56.1	84.1
138	112.0	84.2	126.4

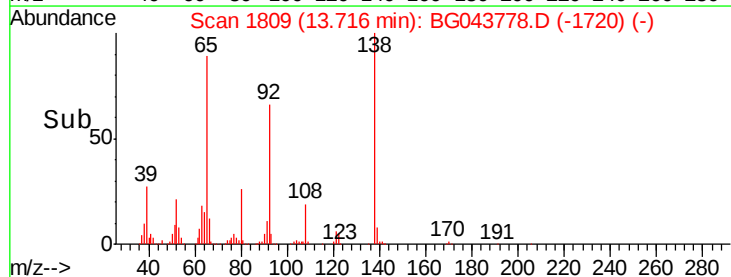
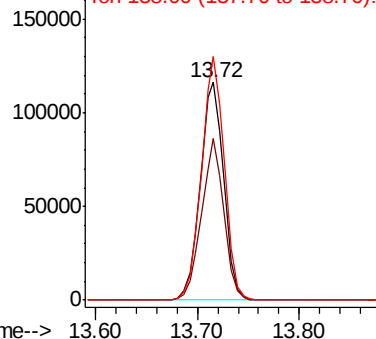


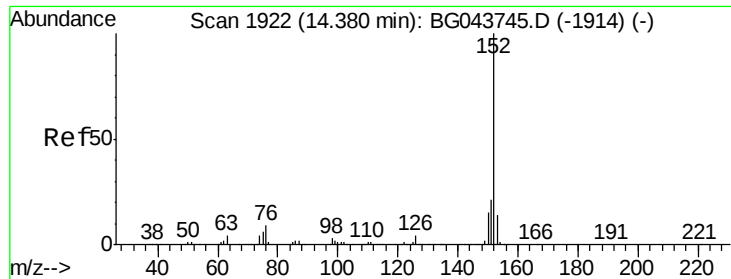
Abundance

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: 41.050 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

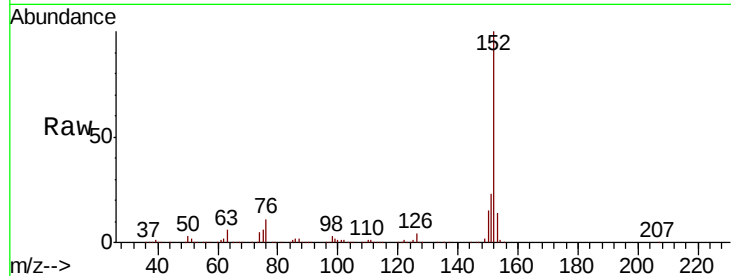
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 852076

Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.0	25.6
153	13.8	10.8	16.2

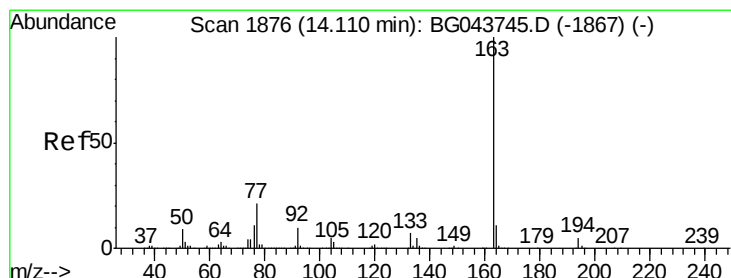
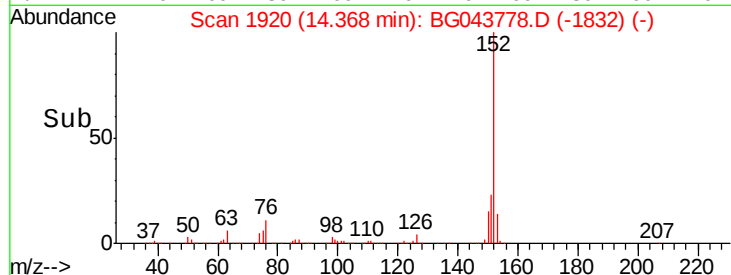
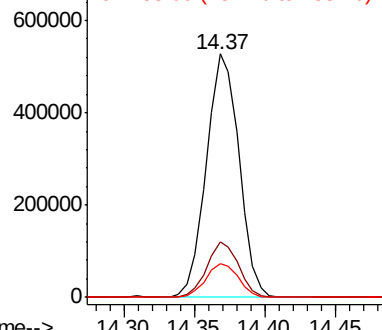


Abundance

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: 41.460 ng

RT: 14.10 min Scan# 1875

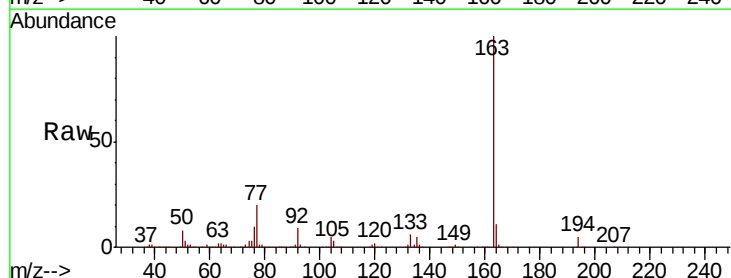
Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Tgt Ion:163 Resp: 766550

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	11.2	8.7	13.1

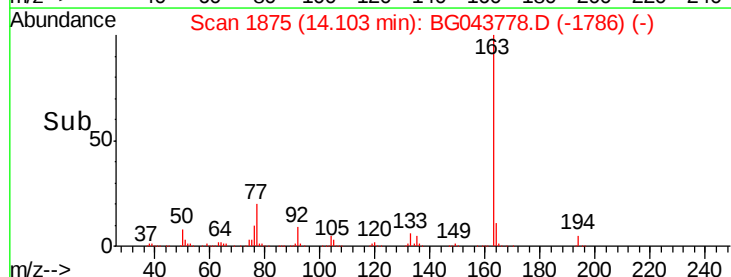
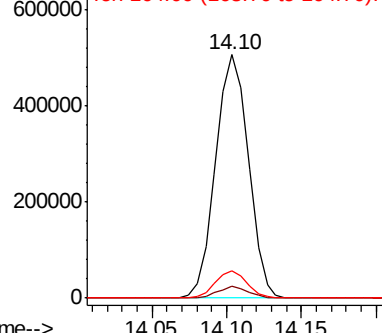


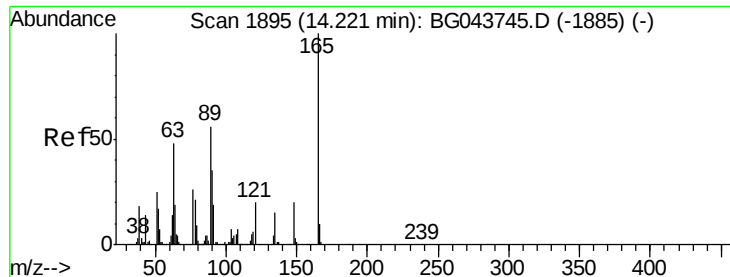
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.047 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

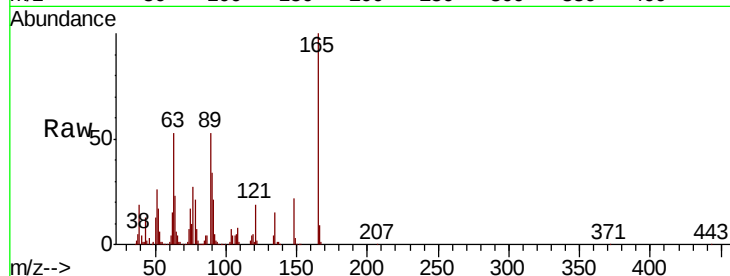
Tot Ion:165 Resp: 164969

Ion Ratio Lower Upper

165 100

63 52.5 43.4 65.2

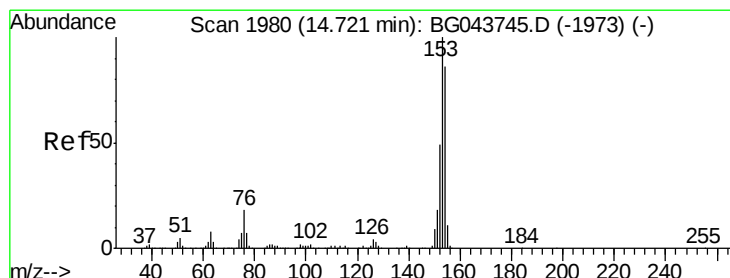
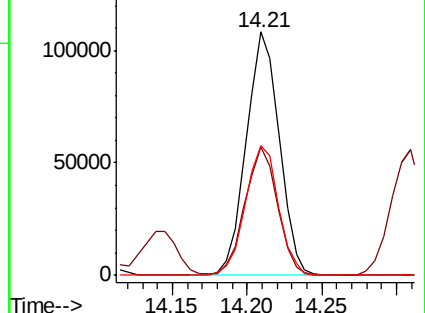
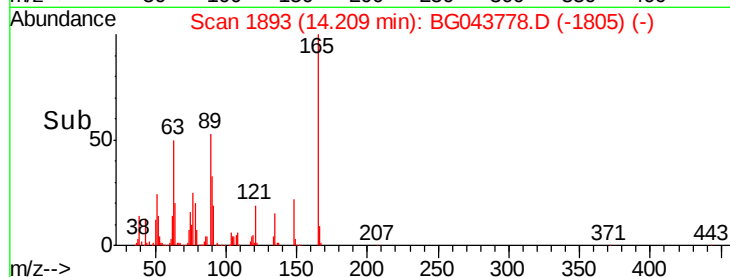
89 53.3 44.6 67.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.286 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

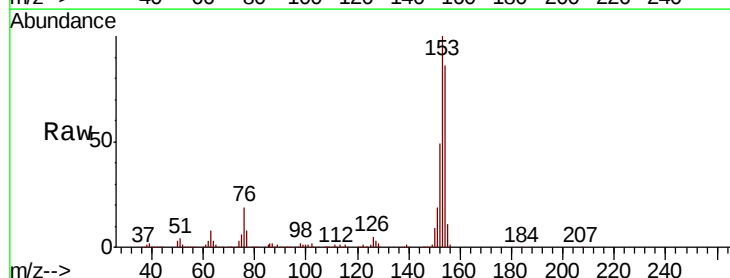
Tgt Ion:154 Resp: 548048

Ion Ratio Lower Upper

154 100

153 116.2 92.9 139.3

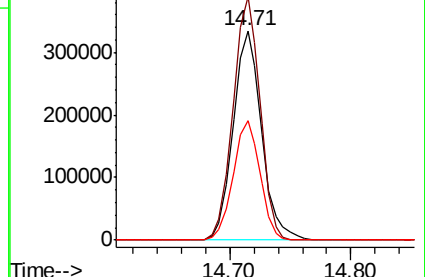
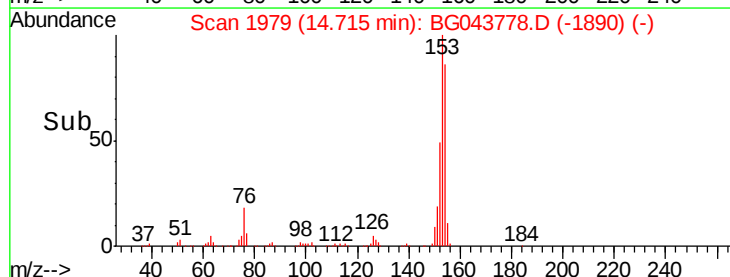
152 57.1 45.2 67.8

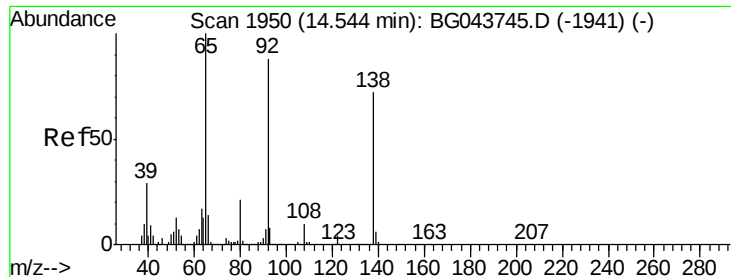


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

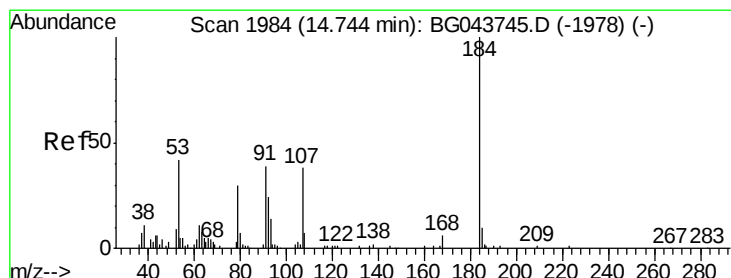
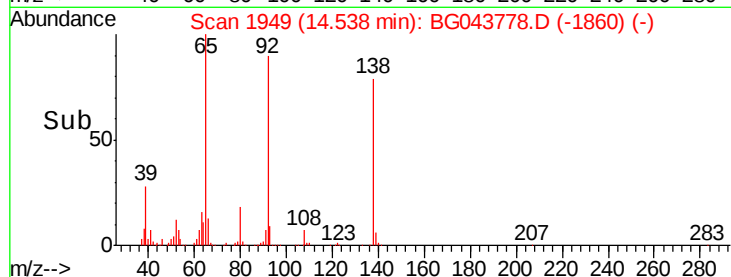
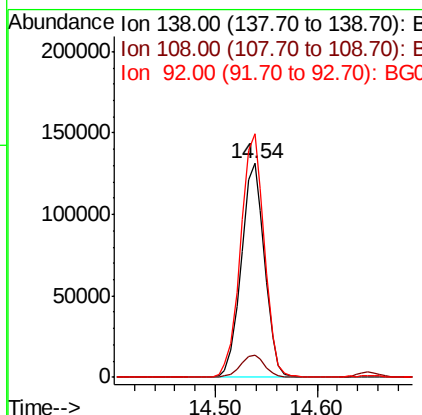
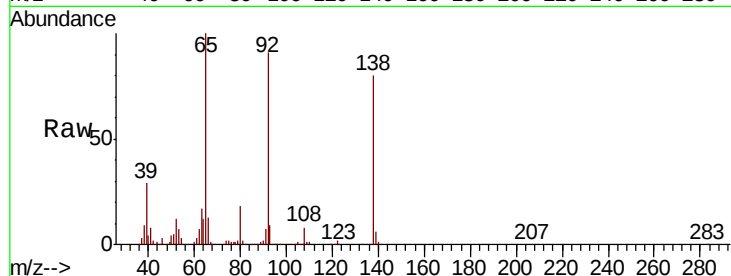




#53
 3-Nitroaniline
 Concen: 52.166 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

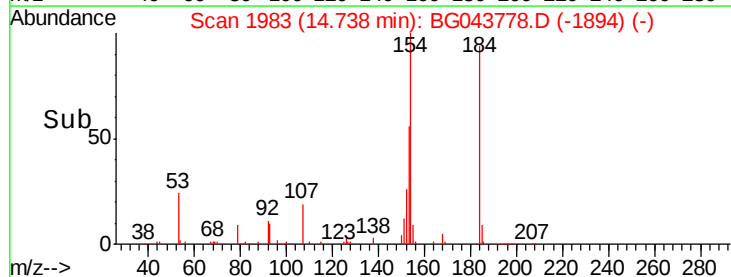
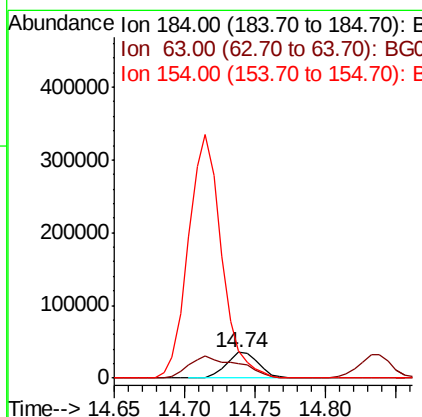
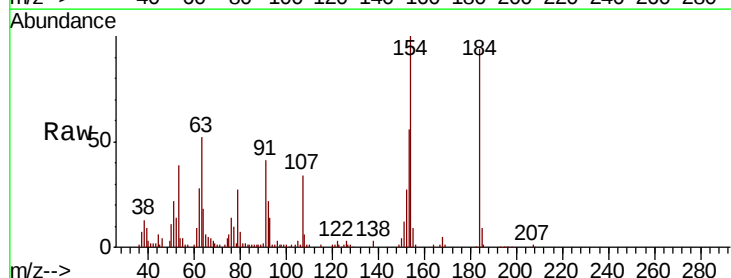
Instrument :
 BNA_F
 ClientSampleId :

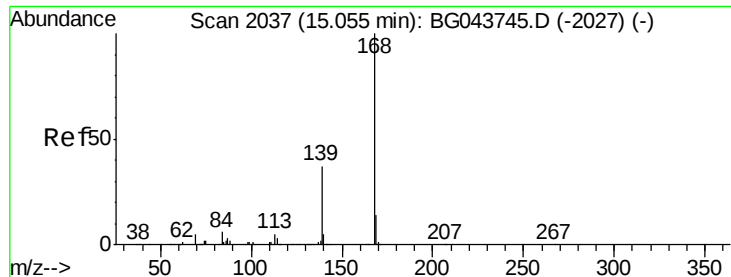
Tot Ion:138 Resp: 209208
 Ion Ratio Lower Upper
 138 100
 108 10.2 11.7 17.5#
 92 113.7 97.2 145.8



#54
 2,4-Dinitrophenol
 Concen: 40.335 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

Tgt Ion:184 Resp: 56582
 Ion Ratio Lower Upper
 184 100
 63 55.6 52.4 78.6
 154 106.0 92.8 139.2

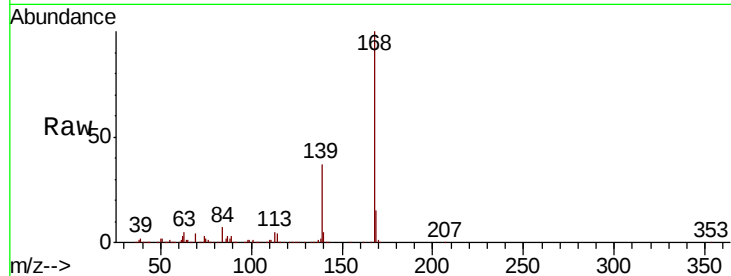




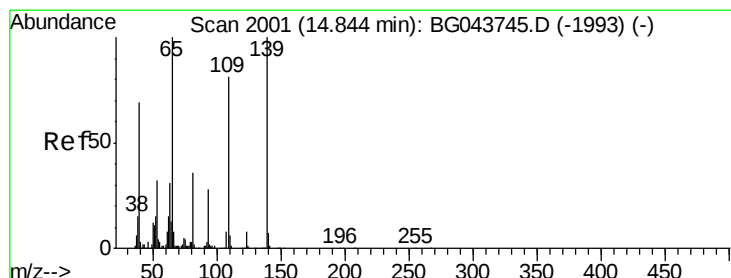
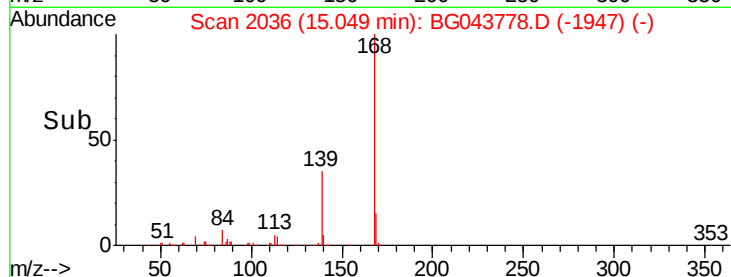
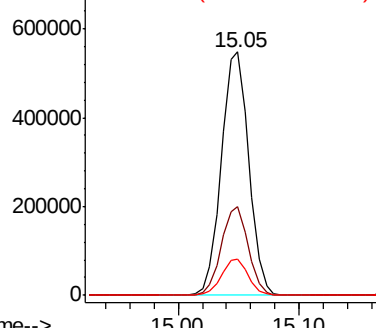
#55
Dibenzofuran
Concen: 41.867 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.4	44.2
169	14.7	11.3	16.9

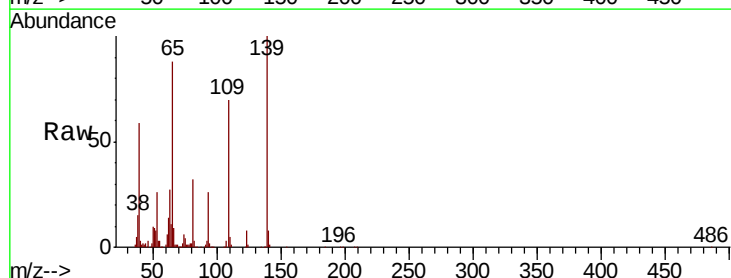


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

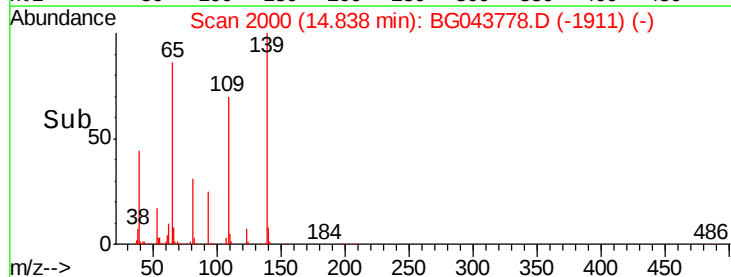
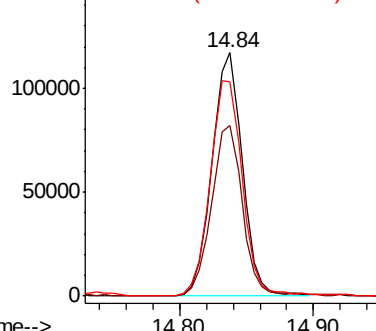


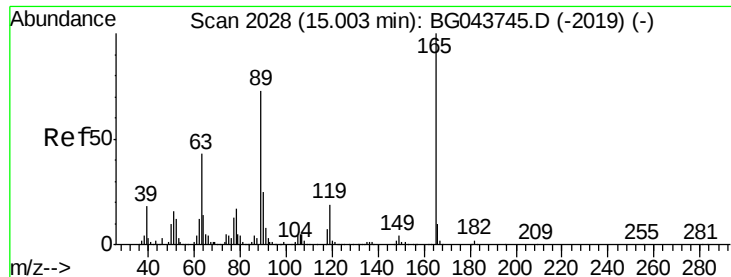
#56
4-Nitrophenol
Concen: 54.436 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.3	61.4	101.4
65	87.9	80.3	120.3



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

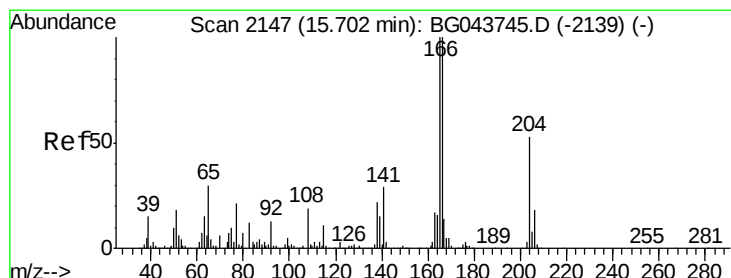
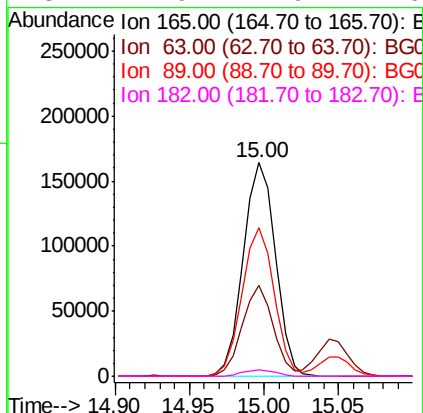
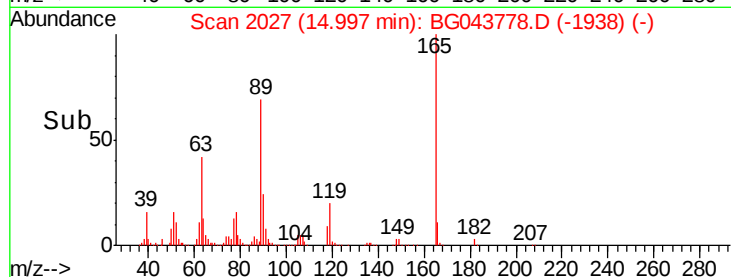
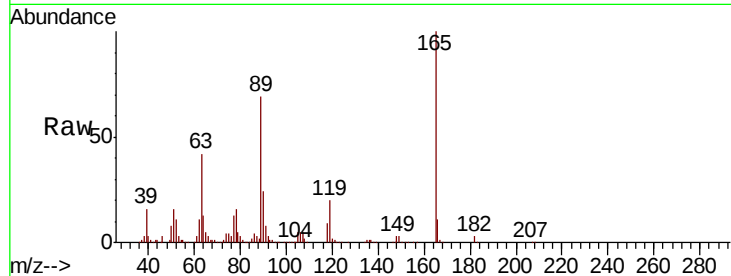




#57
 2,4-Dinitrotoluene
 Concen: 51.474 ng
 RT: 15.00 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

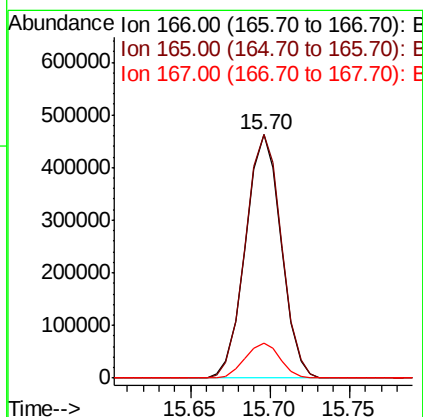
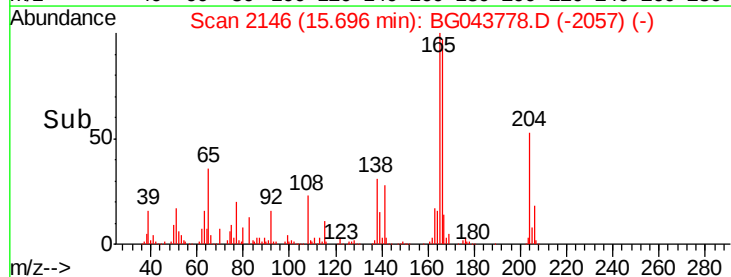
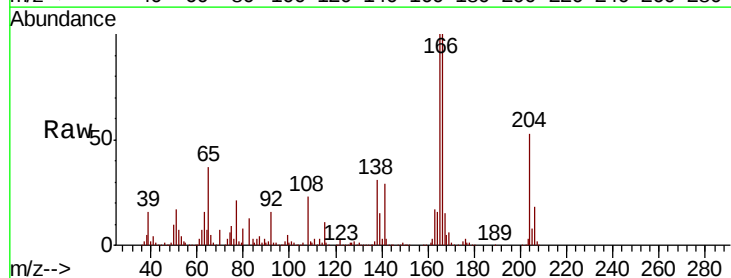
Instrument :
 BNA_F
 ClientSampleId :

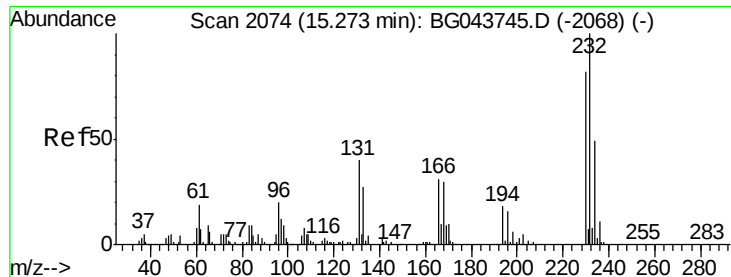
Tot Ion:	165	Resp:	245100
Ion	Ratio	Lower	Upper
165	100		
63	42.4	34.6	51.8
89	69.3	58.3	87.5
182	2.9	1.9	2.9#



#58
 Fluorene
 Concen: 42.475 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

Tgt Ion:	166	Resp:	720332
Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.9	119.9
167	14.6	11.4	17.0

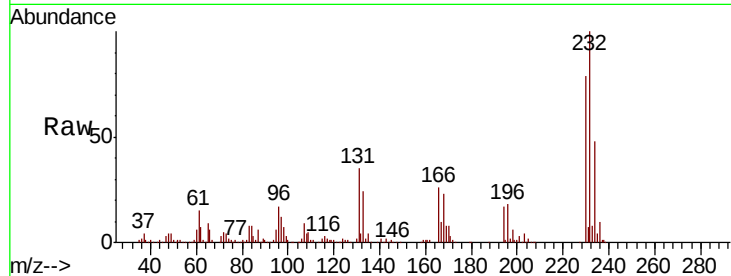




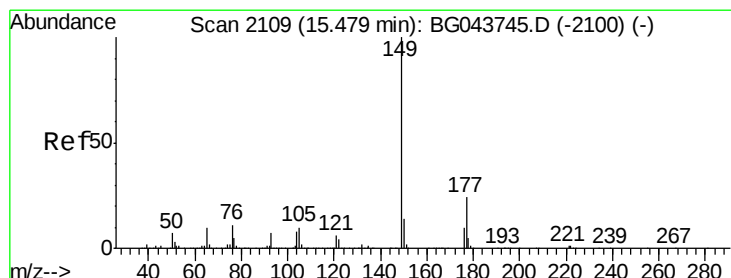
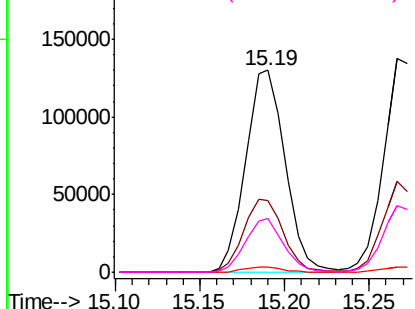
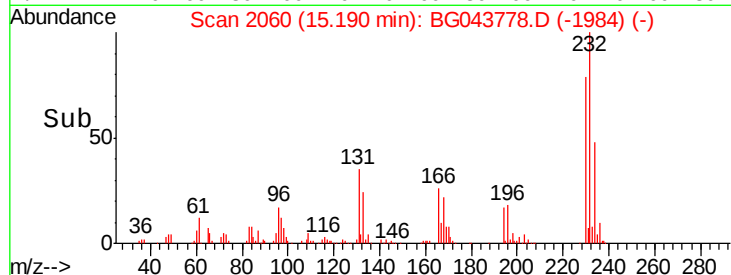
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.479 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.08 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	212003
Ion Ratio	Lower	Upper
232	100	
131	36.6	27.0 40.6
130	2.4	1.6 2.4
166	25.6	18.2 27.2

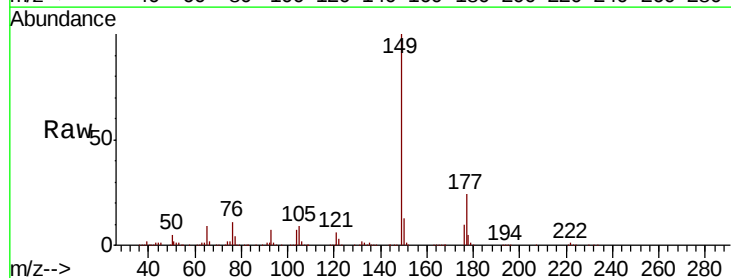


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

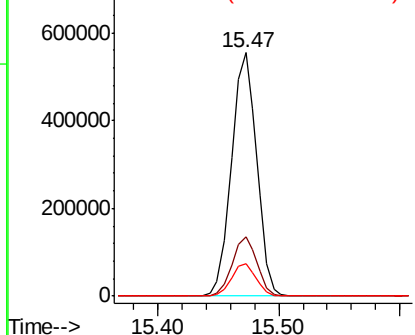
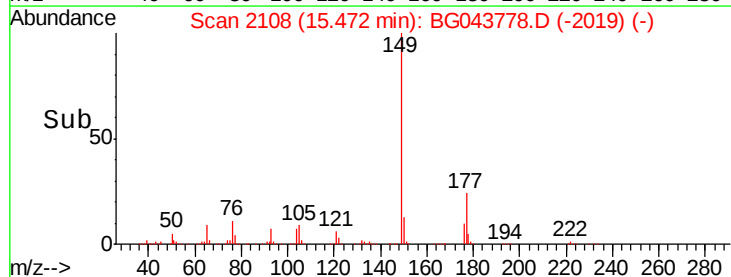


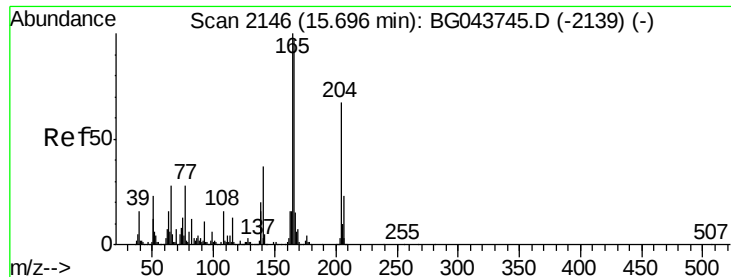
#60
 Diethylphthalate
 Concen: 42.149 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

Tgt Ion:149	Resp:	804761
Ion Ratio	Lower	Upper
149	100	
177	24.4	19.3 28.9
150	13.4	11.1 16.7



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

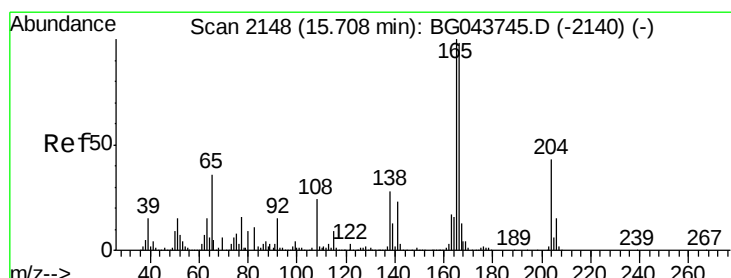
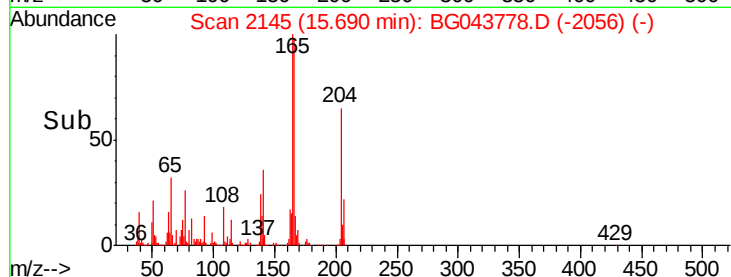
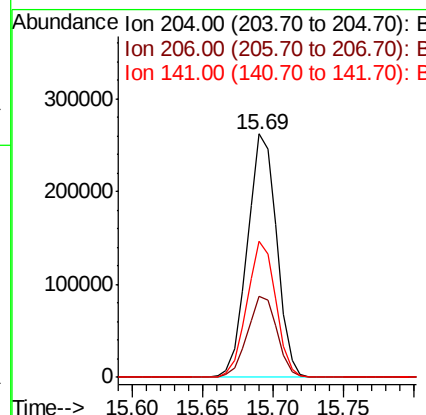
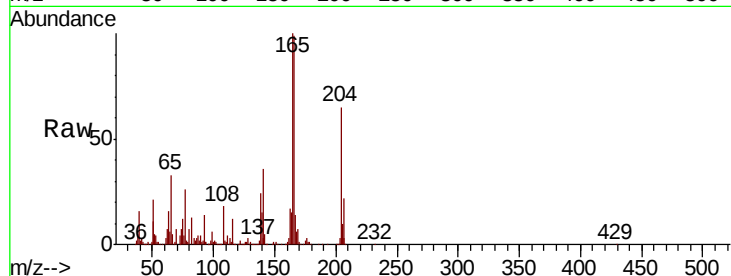




#61
4-Chlorophenyl-phenylether
Concen: 40.914 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

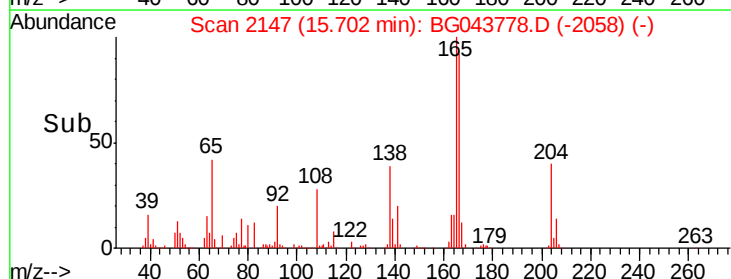
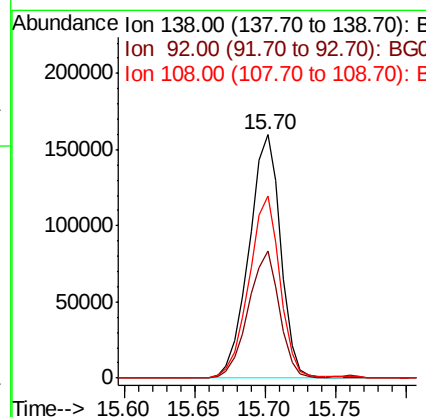
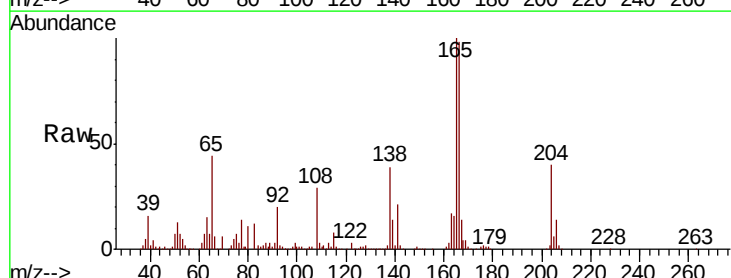
Instrument :
BNA_F
ClientSampleId :

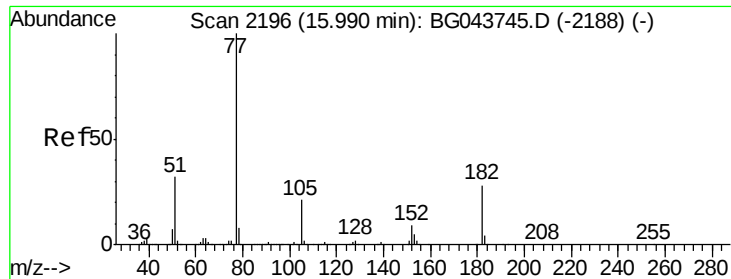
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.4	41.0
141	55.7	44.3	66.5



#62
4-Nitroaniline
Concen: 54.663 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.1	34.6	74.6
108	74.8	65.7	105.7





#63

Azobenzene

Concen: 41.010 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 713649

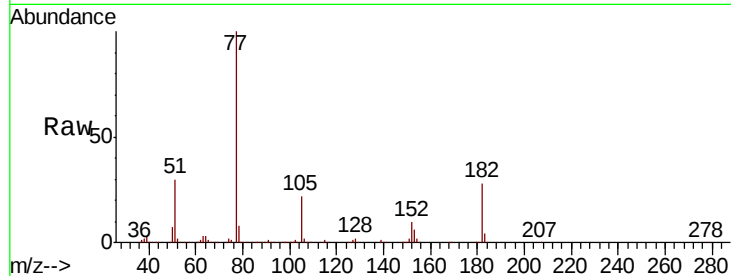
Ion Ratio Lower Upper

77 100

182 27.8 7.6 47.6

105 21.9 0.7 40.7

51 29.8 12.1 52.1



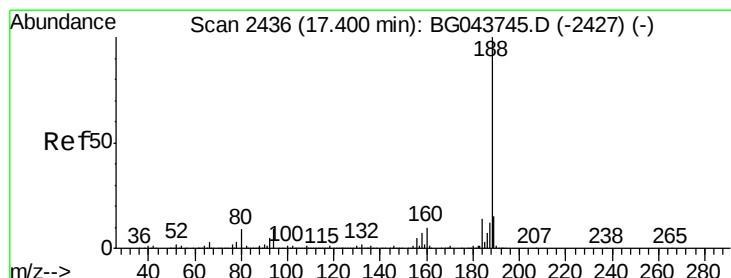
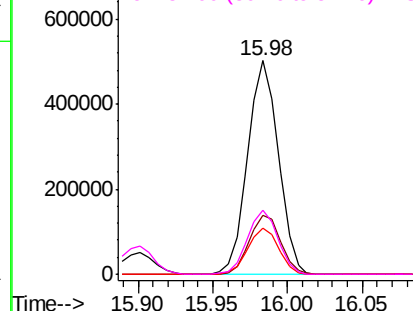
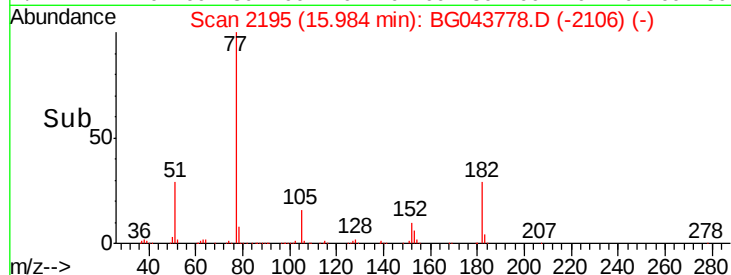
Abundance

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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

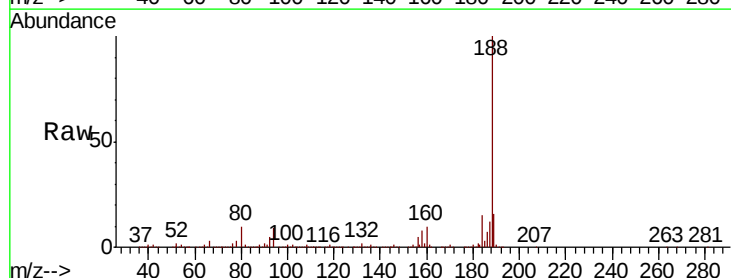
Tgt Ion: 188 Resp: 657084

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

80 9.9 7.5 11.3

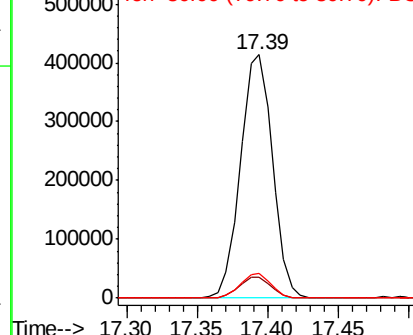
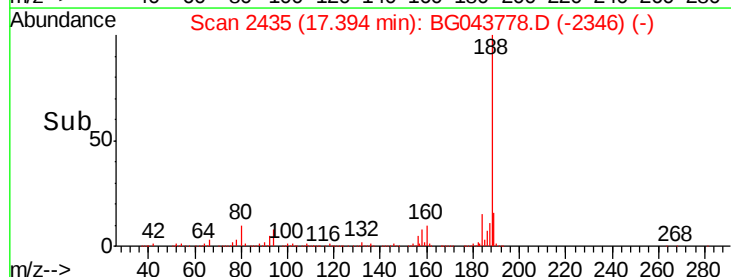


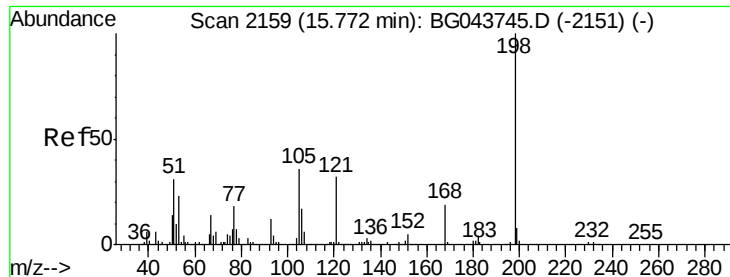
Abundance

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: 38.462 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

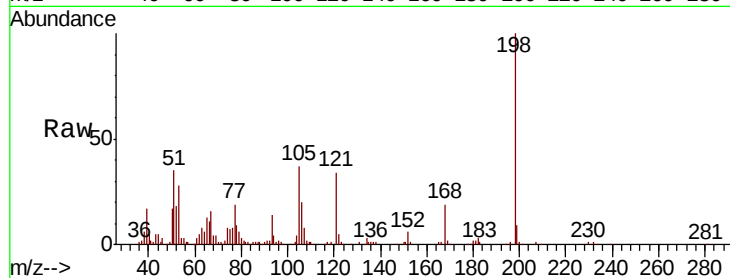
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 87135

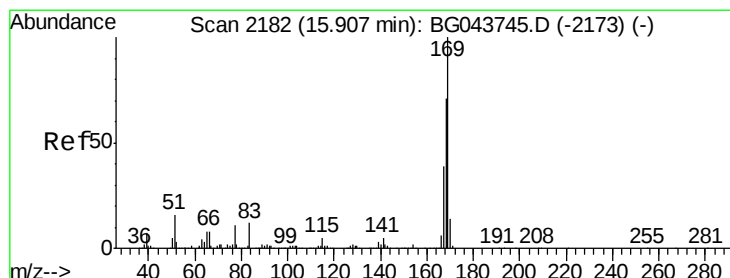
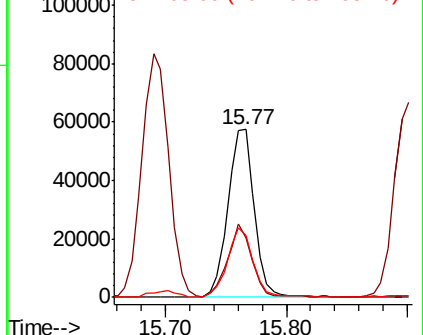
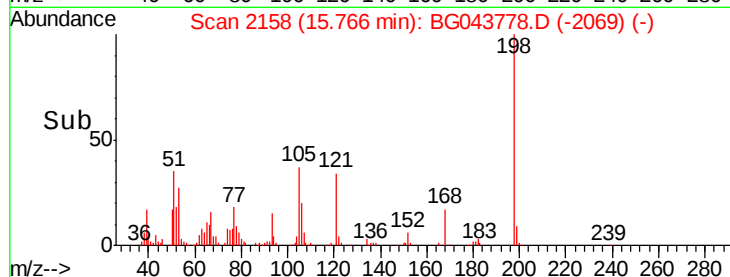
Ion	Ratio	Lower	Upper
198	100		
51	35.2	16.8	56.8
105	37.0	17.3	57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043778.D (-2069) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.933 ng

RT: 15.90 min Scan# 2181

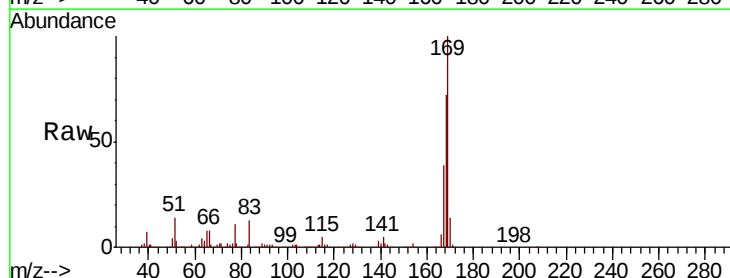
Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Tgt Ion:169 Resp: 694717

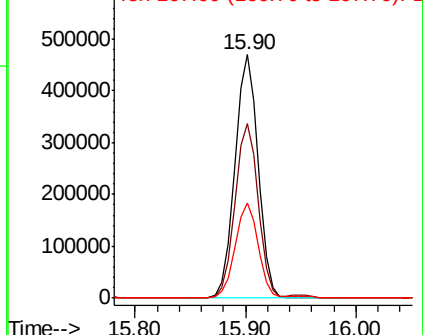
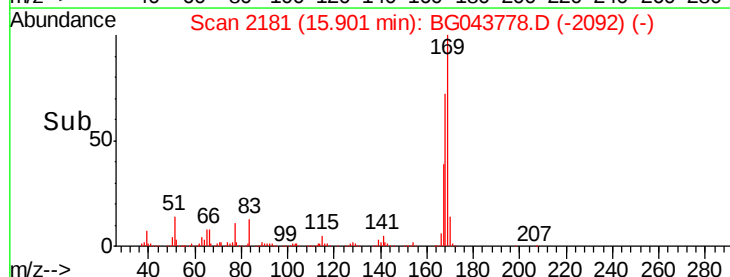
Ion	Ratio	Lower	Upper
169	100		
168	71.9	56.6	85.0
167	39.1	30.8	46.2

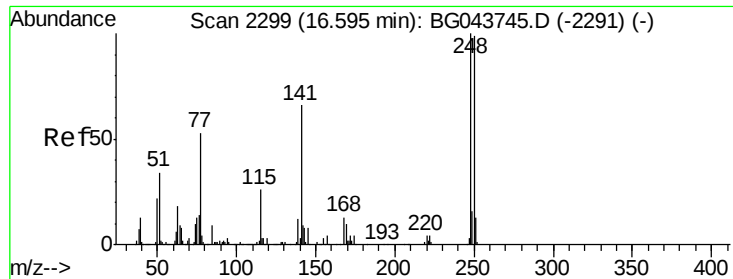


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 37.138 ng

RT: 16.58 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampled :

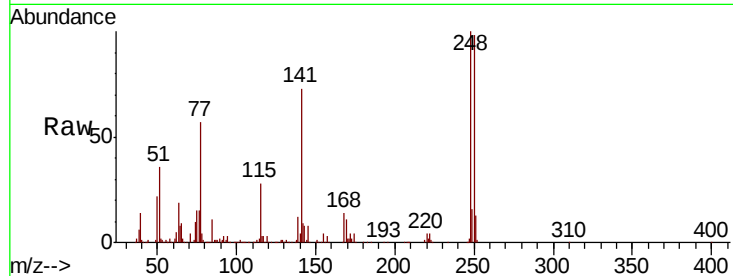
Tot Ion:248 Resp: 257338

Ion Ratio Lower Upper

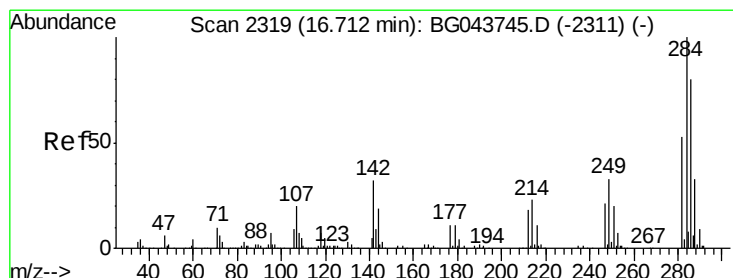
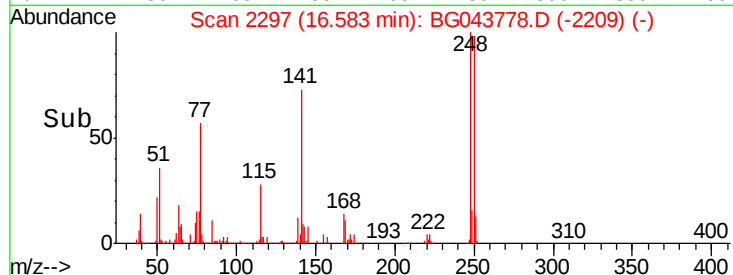
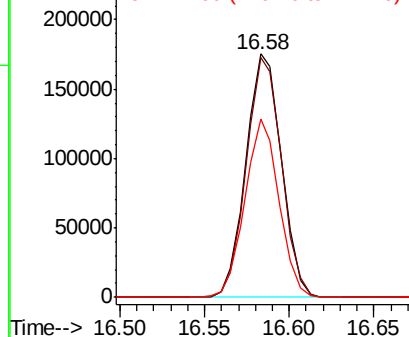
248 100

250 98.3 79.3 118.9

141 73.4 53.0 79.6



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: 37.772 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

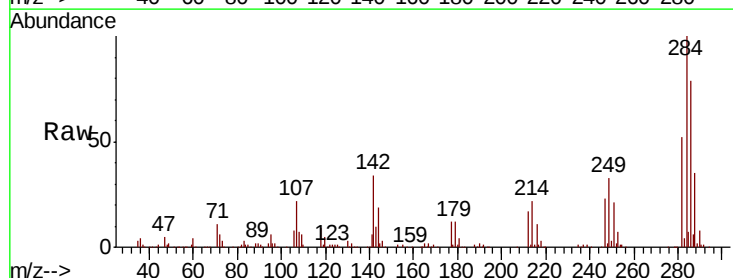
Tgt Ion:284 Resp: 286135

Ion Ratio Lower Upper

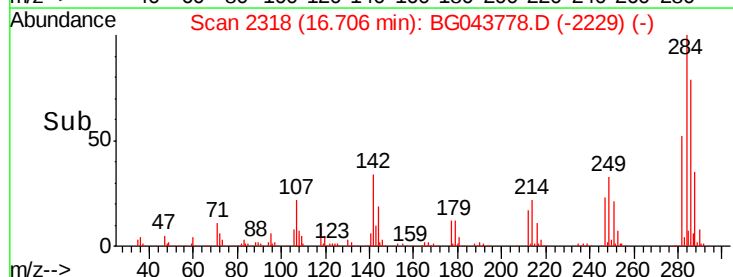
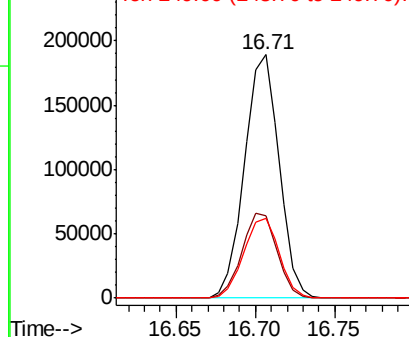
284 100

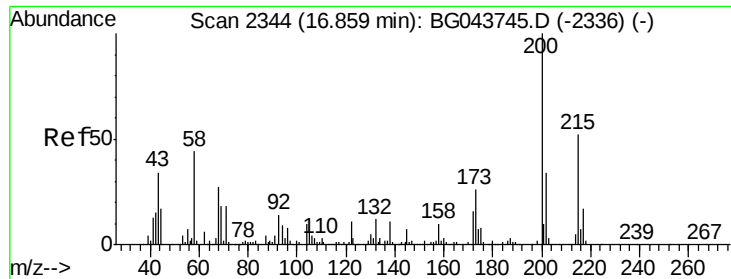
142 34.0 25.4 38.0

249 32.6 26.2 39.4



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

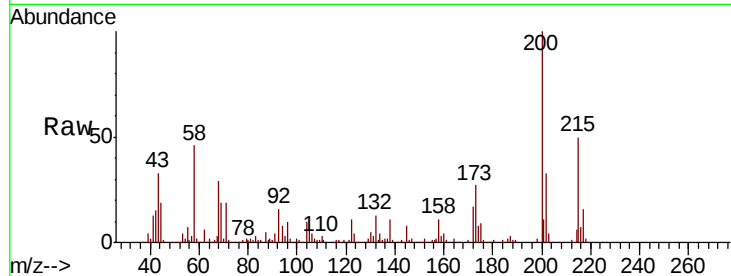




#69
 Atrazine
 Concen: 38.589 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.01 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.0	46.0
215	49.9	32.4	72.4

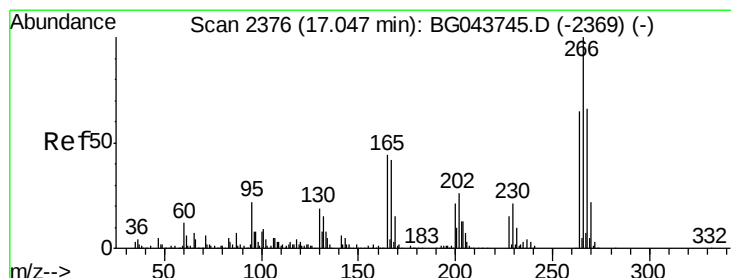
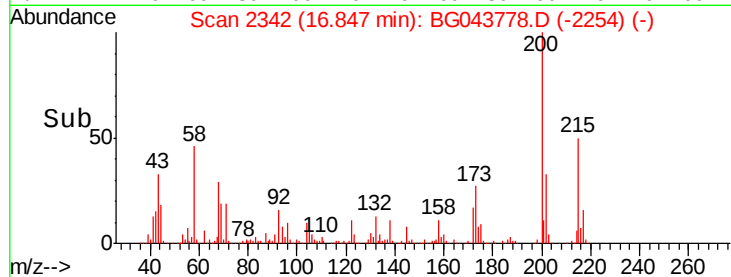
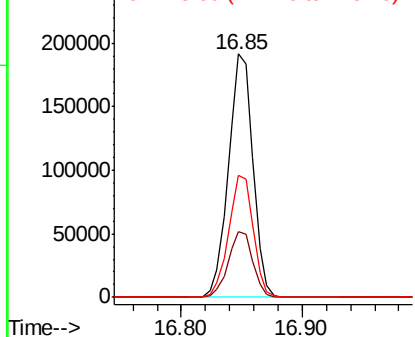


Abundance

Ion 200.00 (199.70 to 200.70): E

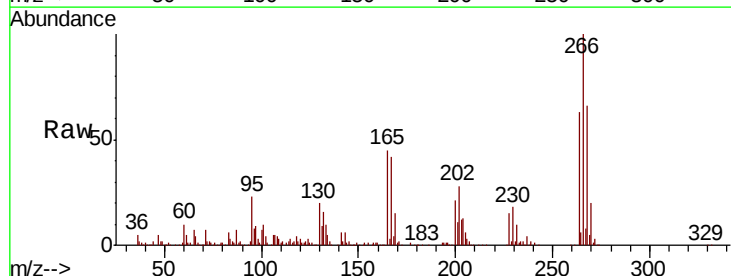
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 42.598 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BG043778.D
 Acq: 26 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	52.9	79.3
264	63.3	51.6	77.4

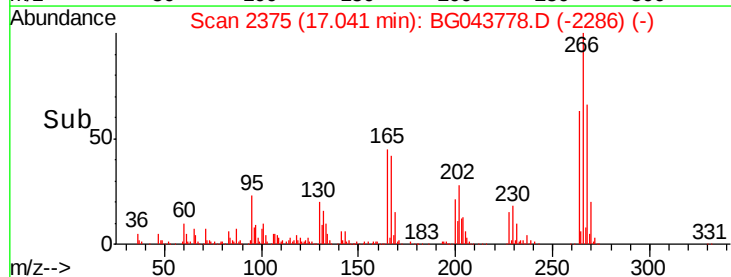
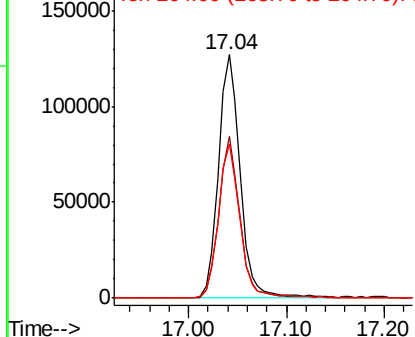


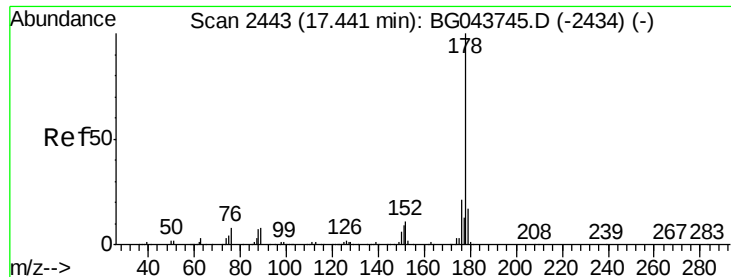
Abundance

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

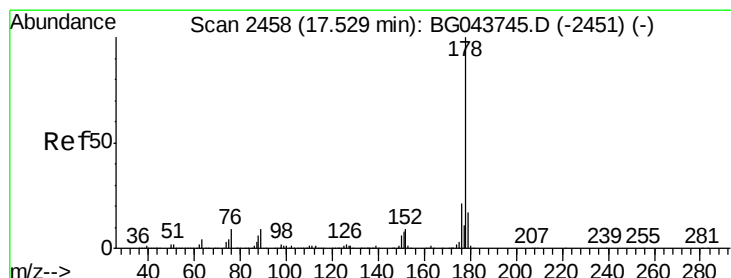
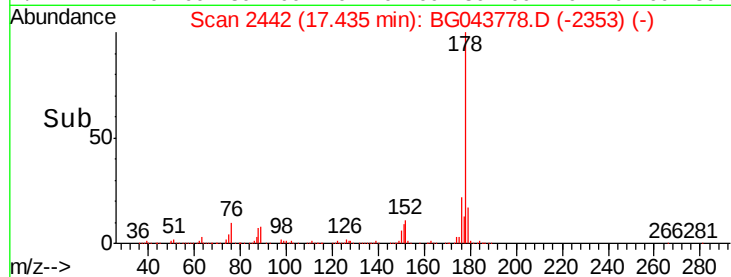
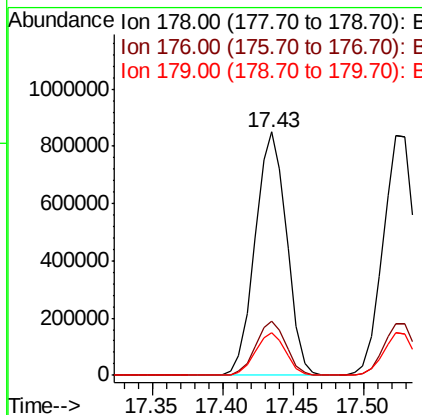
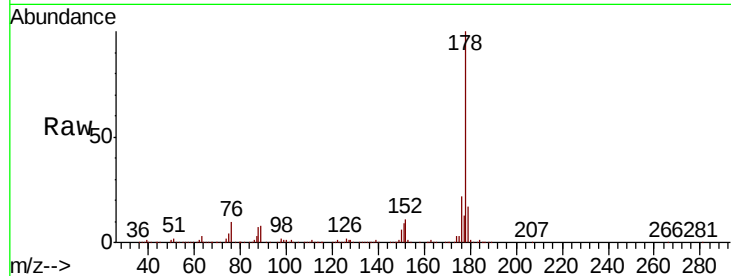




#71
Phenanthrene
Concen: 40.937 ng
RT: 17.43 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

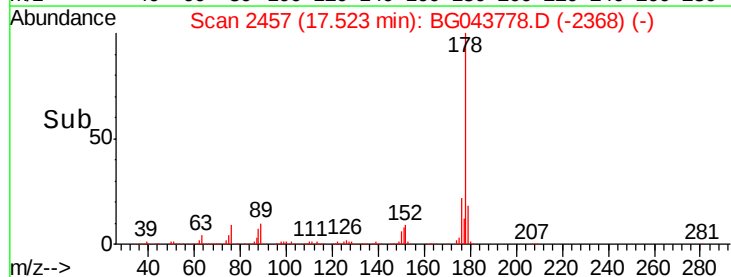
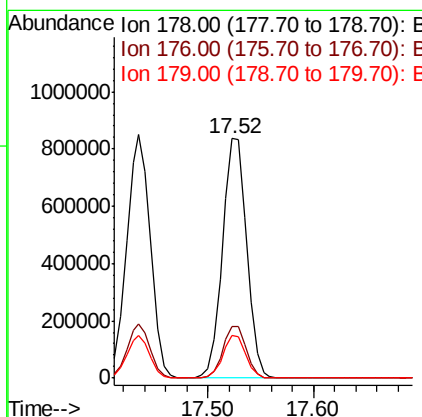
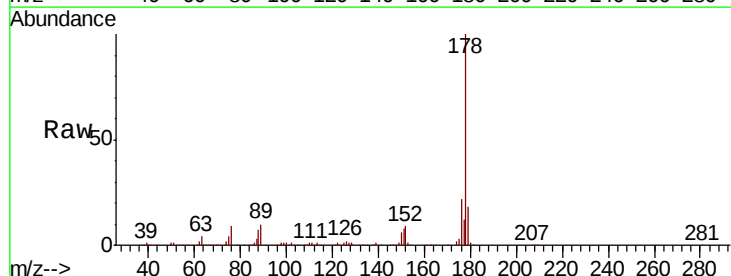
Instrument :
BNA_F
ClientSampleId :

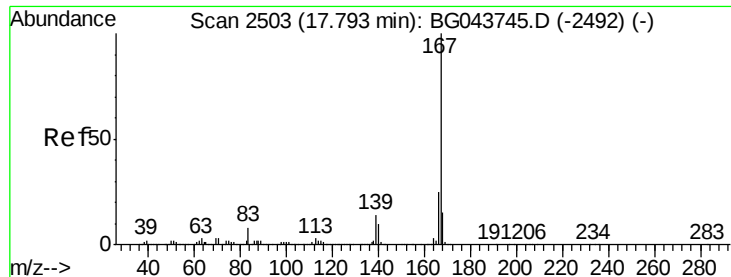
Tot Ion:178 Resp: 1331004
Ion Ratio Lower Upper
178 100
176 22.1 16.9 25.3
179 17.4 13.5 20.3



#72
Anthracene
Concen: 40.391 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion:178 Resp: 1326570
Ion Ratio Lower Upper
178 100
176 21.8 16.5 24.7
179 17.7 13.4 20.2





#73

Carbazole

Concen: 42.337 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampled :

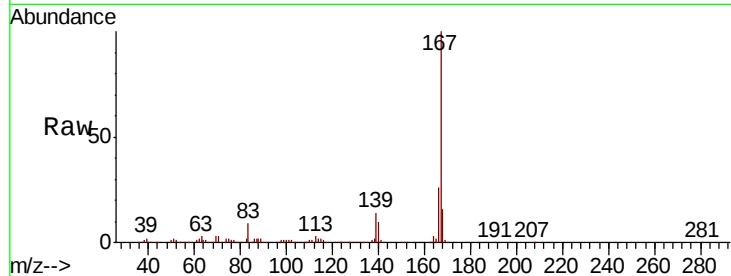
Tot Ion:167 Resp: 1368343

Ion Ratio Lower Upper

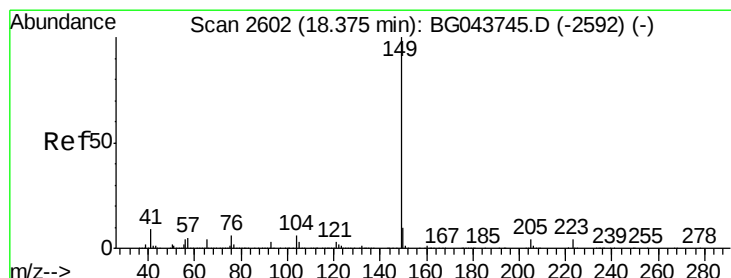
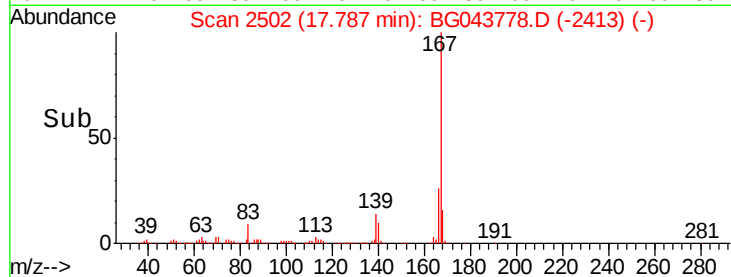
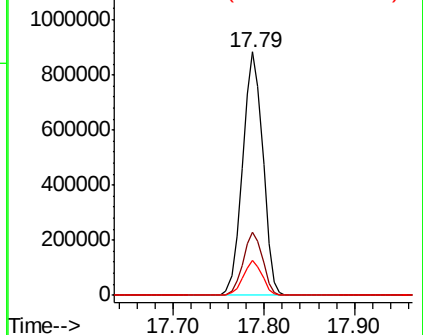
167 100

166 26.0 19.8 29.6

139 14.3 10.9 16.3



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



#74

Di-n-butylphthalate

Concen: 38.777 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

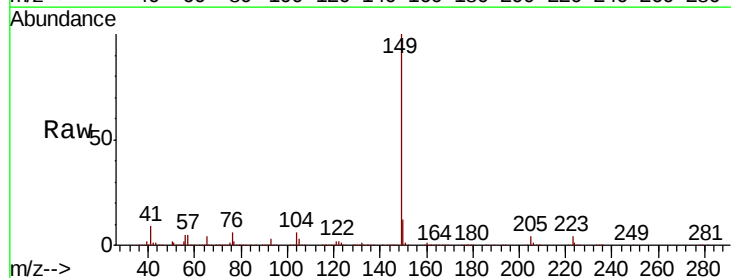
Tgt Ion:149 Resp: 1614961

Ion Ratio Lower Upper

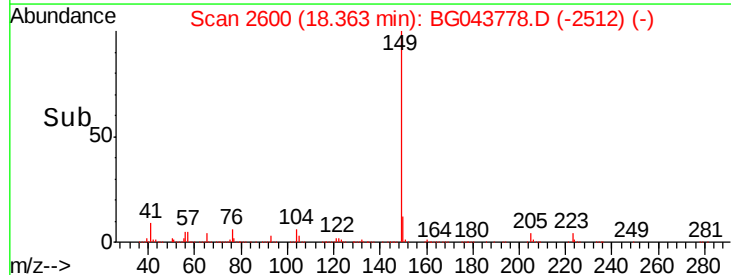
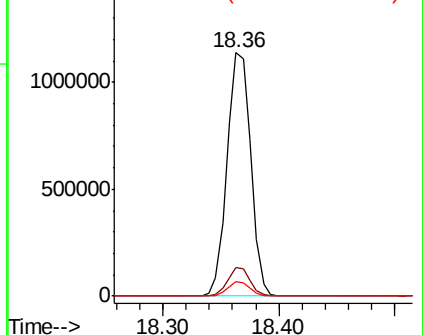
149 100

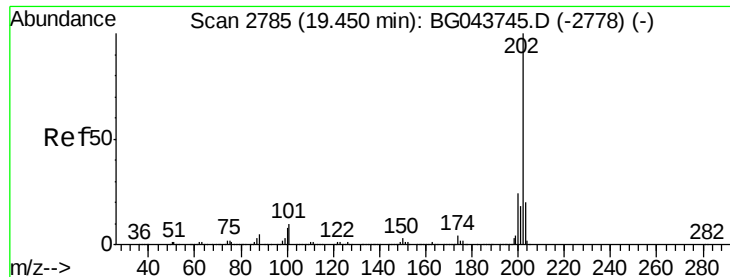
150 11.7 8.4 12.6

104 6.0 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.263 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

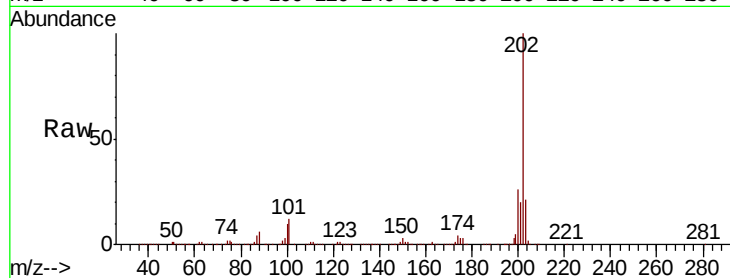
Tot Ion:202 Resp: 1831156

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.1

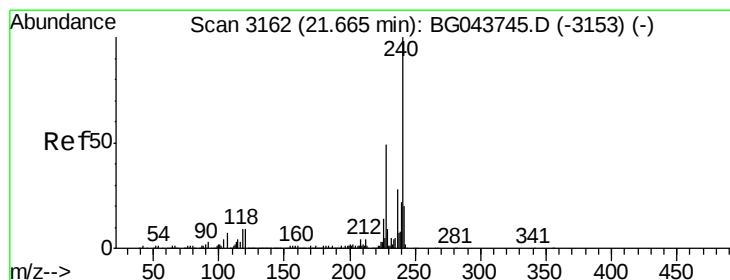
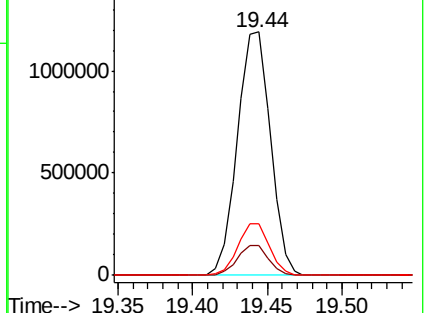
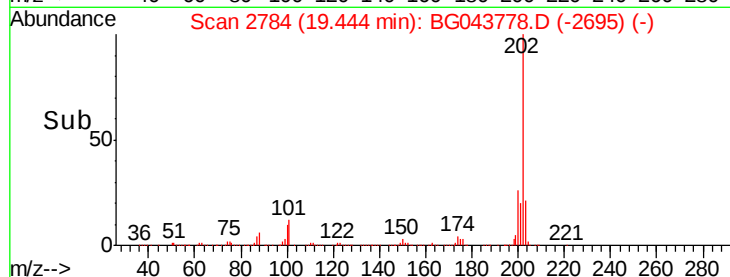
203 21.4 0.0 39.7



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: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

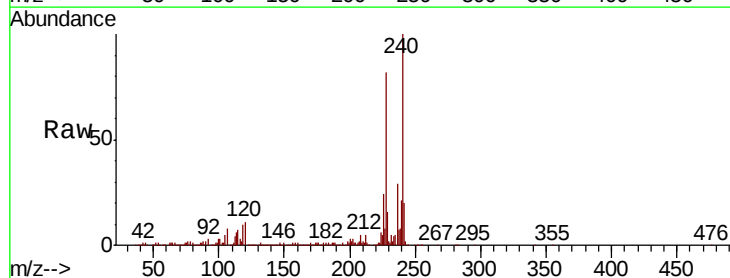
Tgt Ion:240 Resp: 806914

Ion Ratio Lower Upper

240 100

120 10.7 7.5 11.3

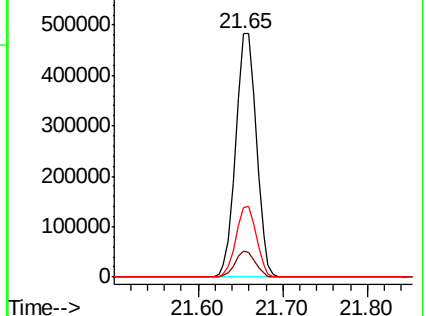
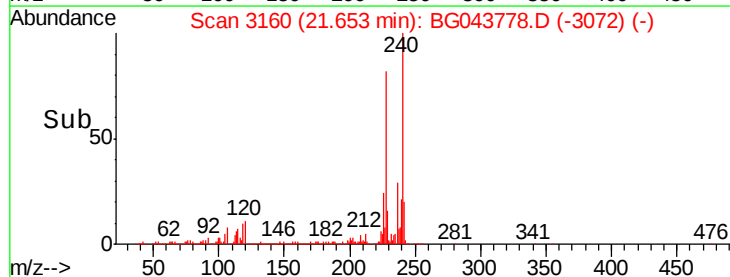
236 28.5 22.6 34.0

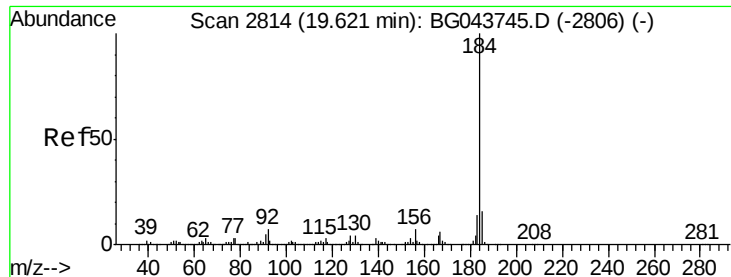


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.911 ng

RT: 19.61 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

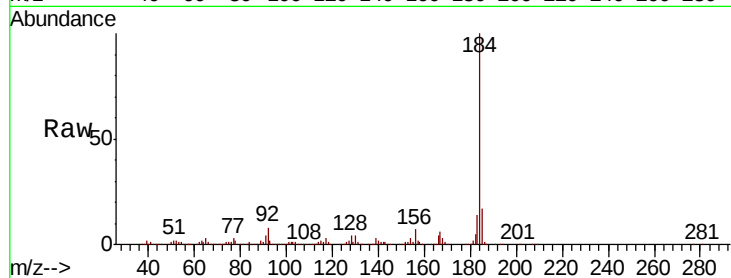
Tot Ion:184 Resp: 893598

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.8	19.2
183	14.0	11.3	16.9

184 100

185 16.5 12.8 19.2

183 14.0 11.3 16.9



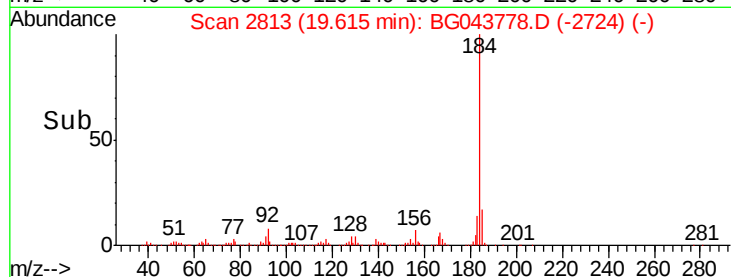
Abundance

Ion 184.00 (183.70 to 184.70): E

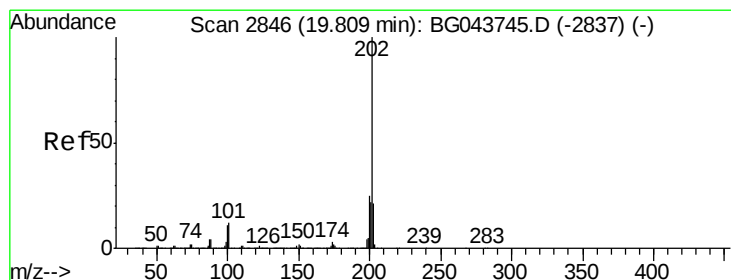
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.61



Time--> 19.50 19.60 19.70



#78

Pyrene

Concen: 36.242 ng

RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

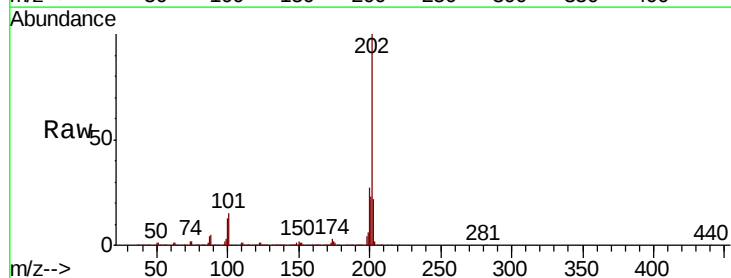
Tgt Ion:202 Resp: 1887377

Ion	Ratio	Lower	Upper
202	100		
200	26.8	19.8	29.6
203	22.2	16.6	24.8

202 100

200 26.8 19.8 29.6

203 22.2 16.6 24.8



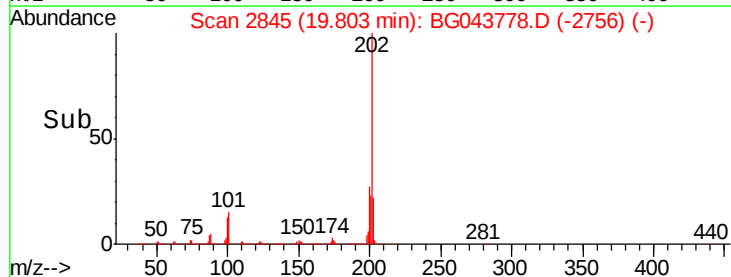
Abundance

Ion 202.00 (201.70 to 202.70): E

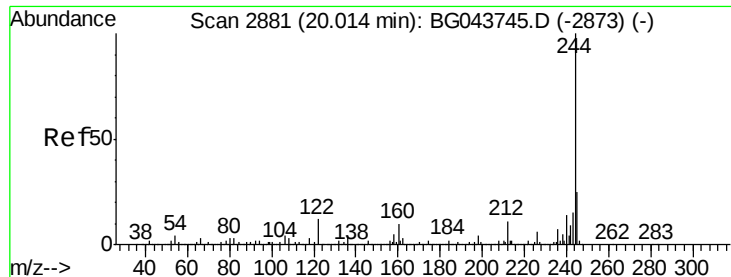
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.80



Time--> 19.70 19.80 19.90



#79

Terphenyl-d14

Concen: 70.288 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

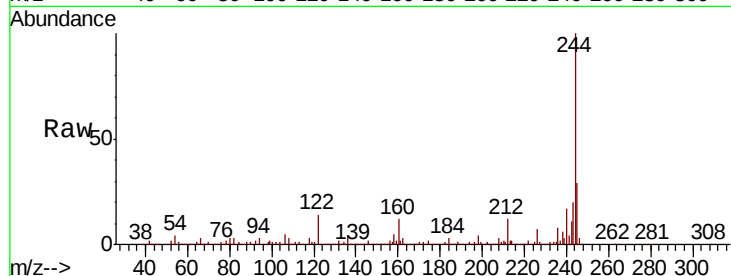
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 2509973

Ion	Ratio	Lower	Upper
244	100		
212	12.1	8.5	12.7
122	13.8	9.5	14.3

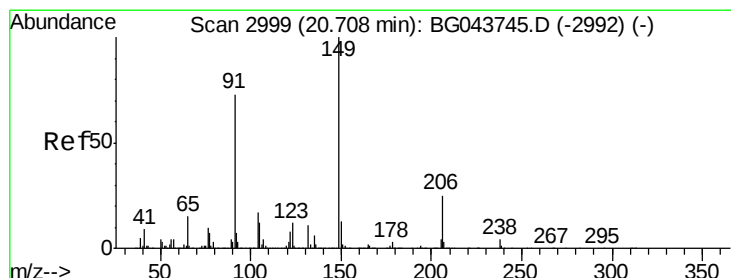
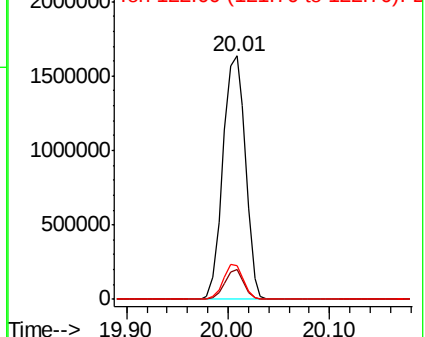
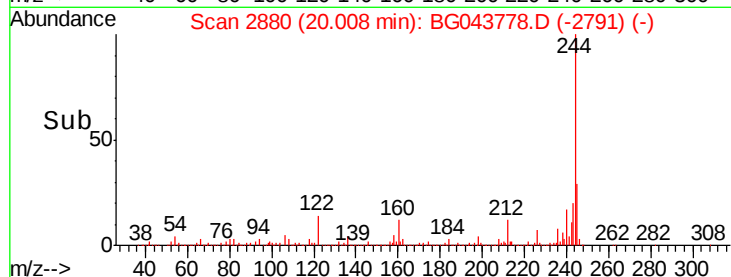


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.423 ng

RT: 20.70 min Scan# 2997

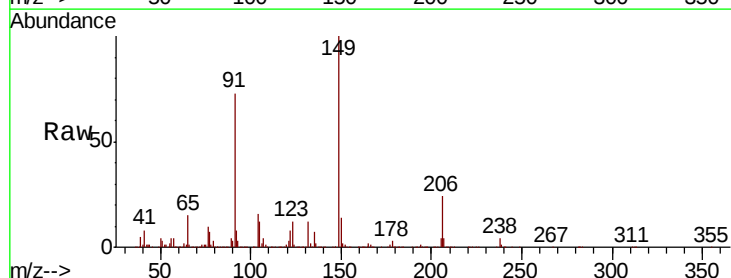
Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Tgt Ion:149 Resp: 982698

Ion	Ratio	Lower	Upper
149	100		
91	73.5	58.8	88.2
206	23.9	19.8	29.6

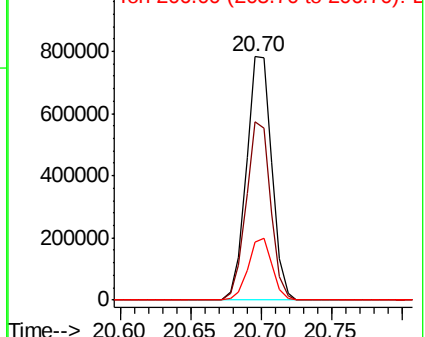
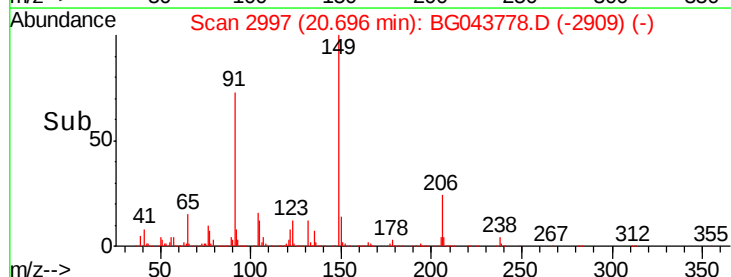


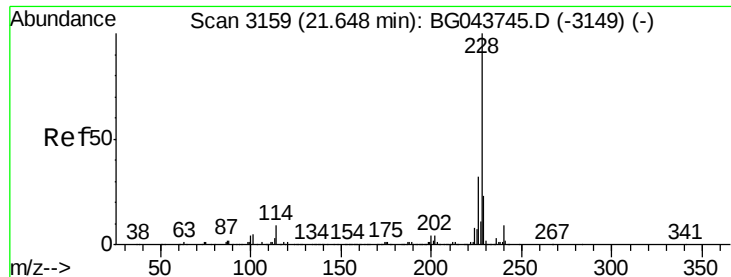
Abundance

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

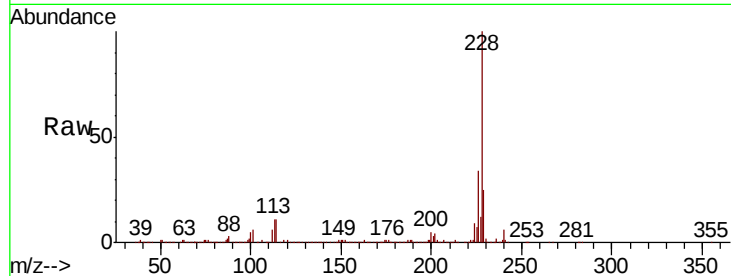




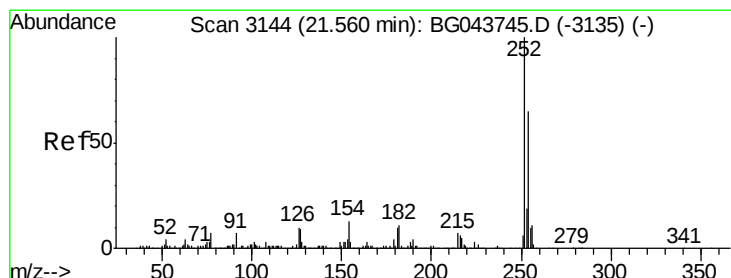
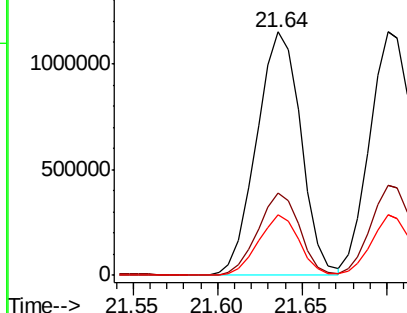
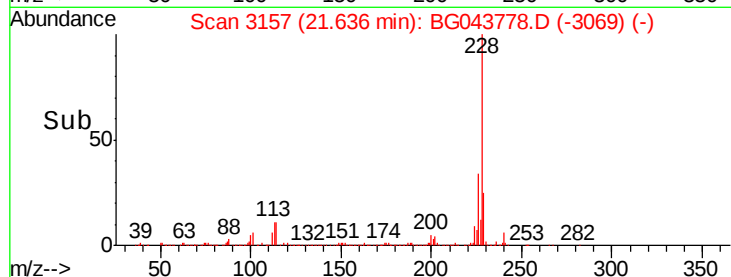
#81
Benzo(a)anthracene
Concen: 38.956 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 2101465
Ion Ratio Lower Upper
228 100
226 33.7 25.4 38.2
229 25.0 18.1 27.1

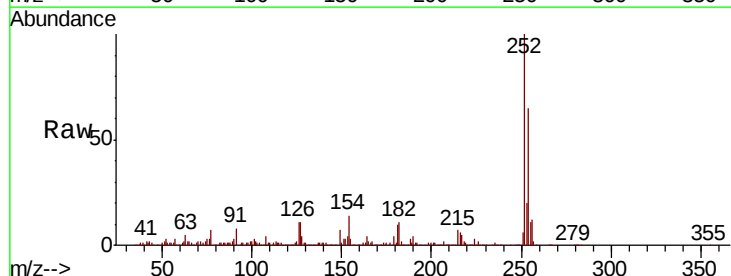


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

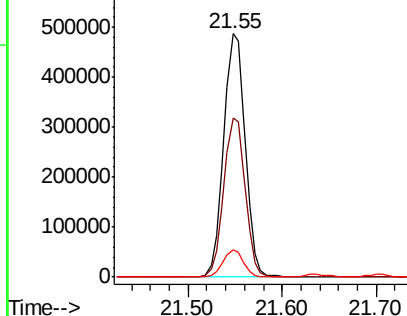
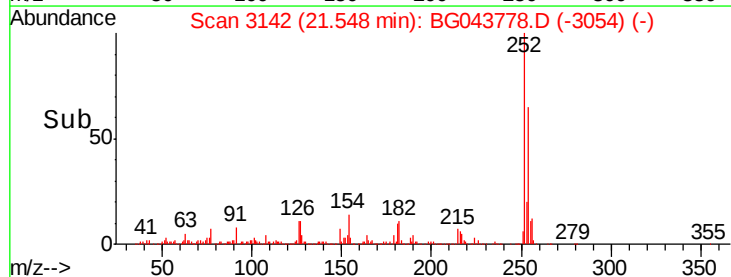


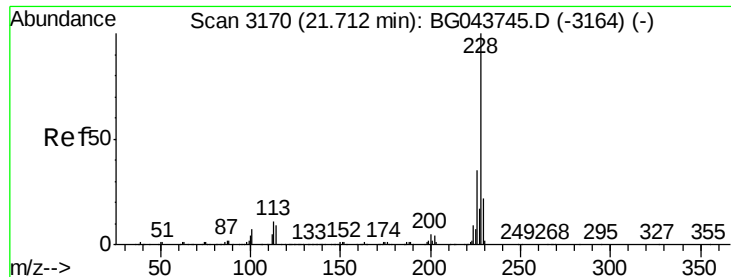
#82
3,3'-Dichlorobenzidine
Concen: 38.472 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion:252 Resp: 778269
Ion Ratio Lower Upper
252 100
254 65.2 52.1 78.1
126 11.2 7.8 11.6



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: 38.956 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

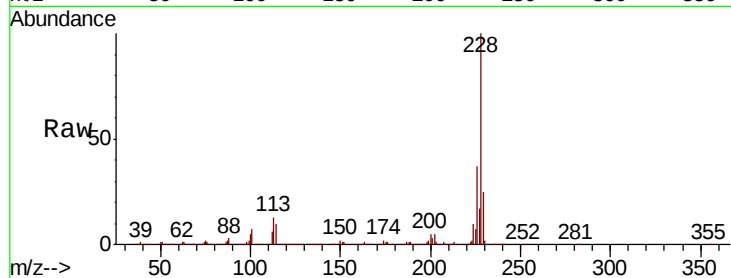
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1988507

Ion	Ratio	Lower	Upper
228	100		
226	37.0	27.8	41.8
229	24.7	17.9	26.9

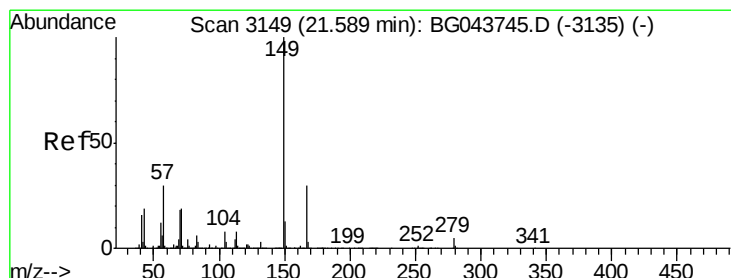
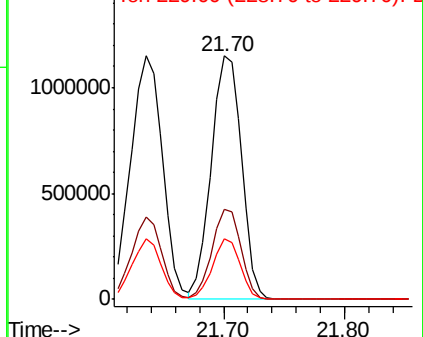
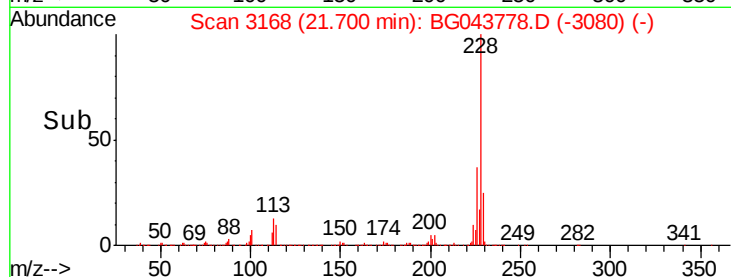


Abundance

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: 41.616 ng

RT: 21.57 min Scan# 3146

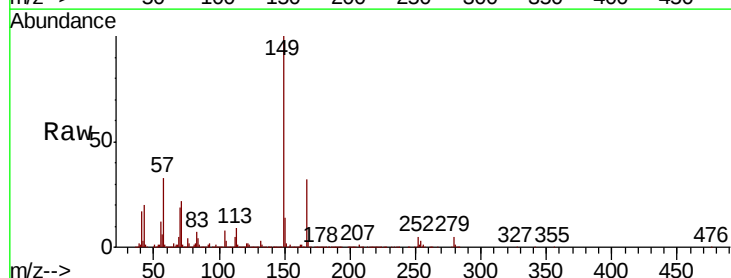
Delta R.T. -0.02 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Tgt Ion:149 Resp: 1389133

Ion	Ratio	Lower	Upper
149	100		
167	32.5	23.8	35.6
279	5.3	4.0	6.0

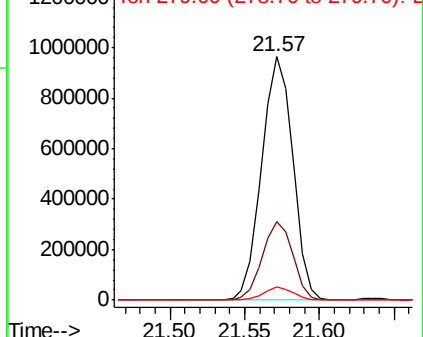
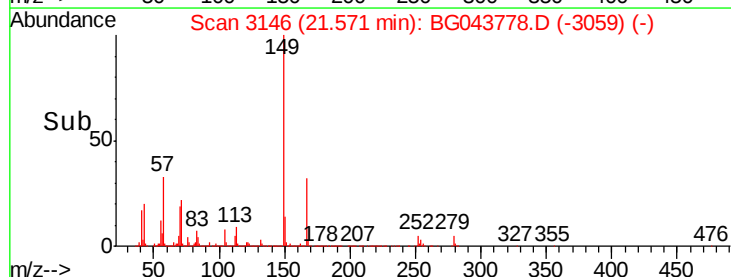


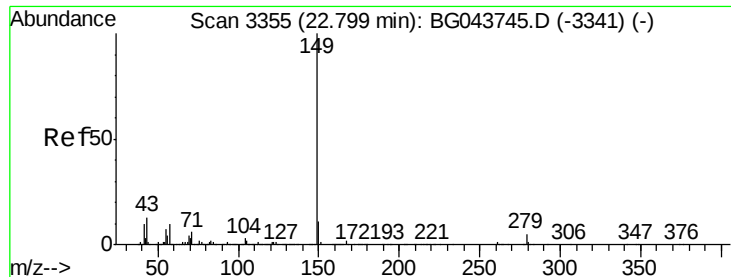
Abundance

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: 39.450 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Instrument :

BNA_F

ClientSampleId :

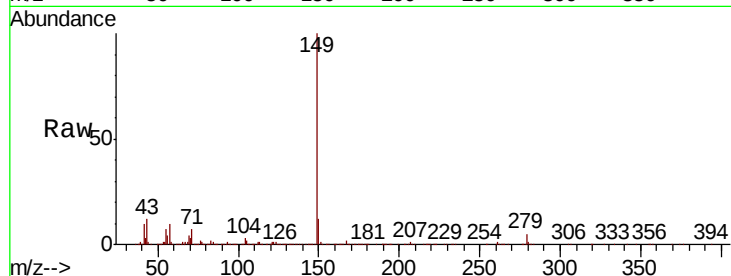
Tot Ion:149 Resp: 2135910

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

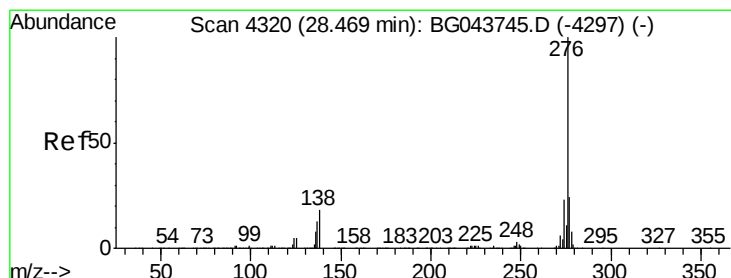
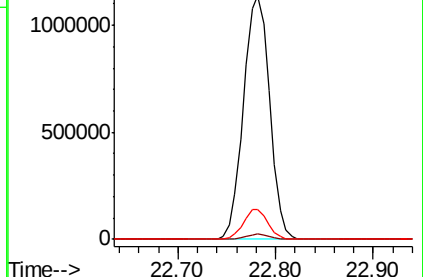
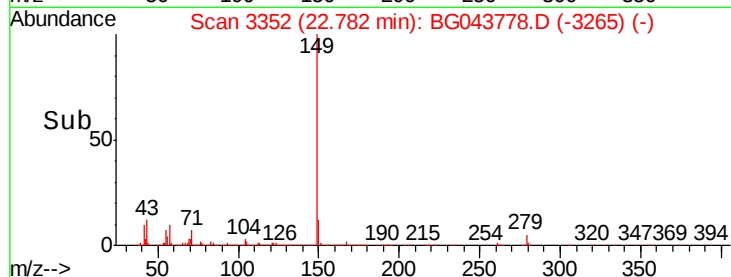
43 11.4 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.741 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.03 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

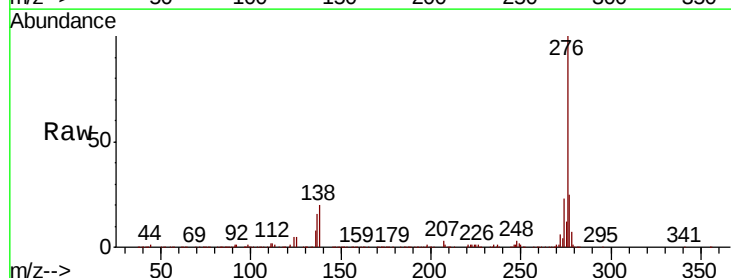
Tgt Ion:276 Resp: 2062862

Ion Ratio Lower Upper

276 100

138 16.9 14.5 21.7

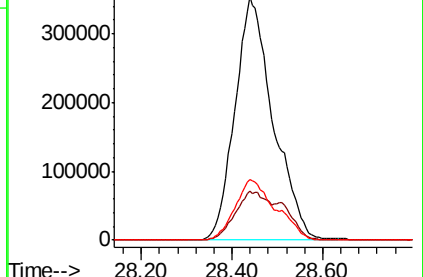
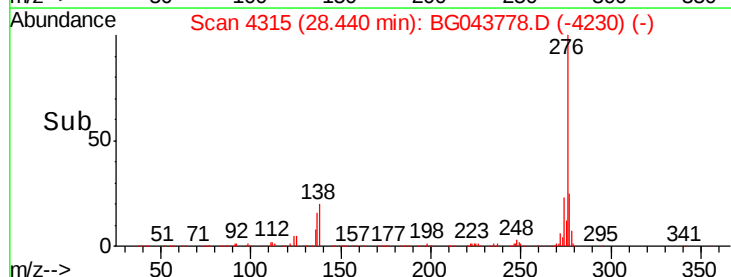
277 26.5 21.1 31.7

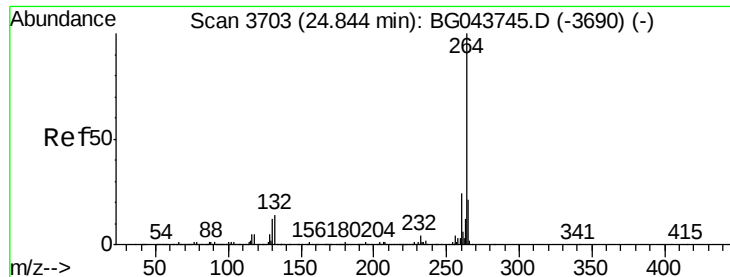


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



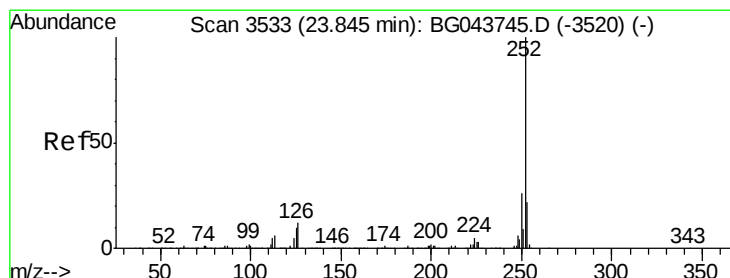
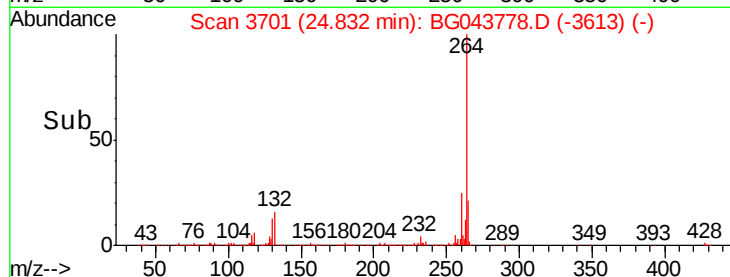
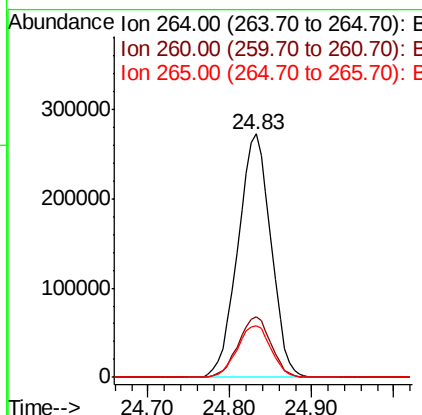
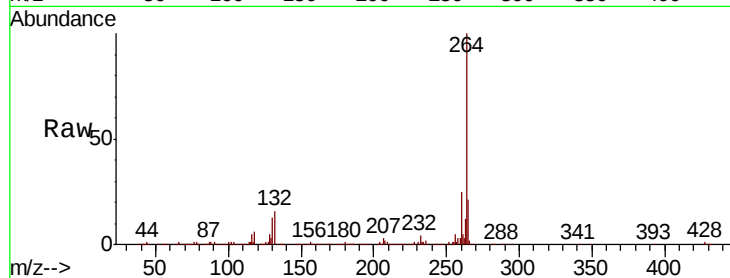


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 762349

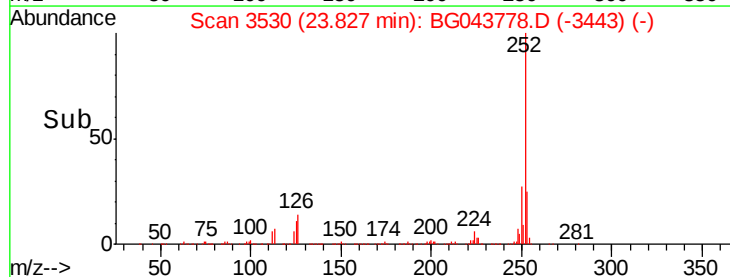
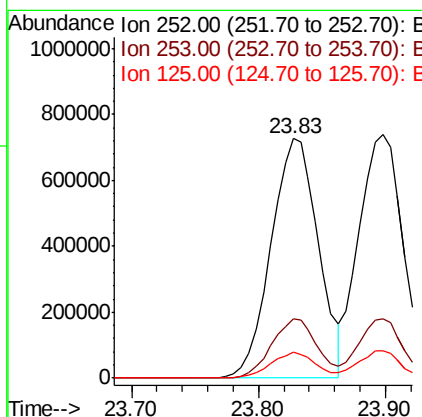
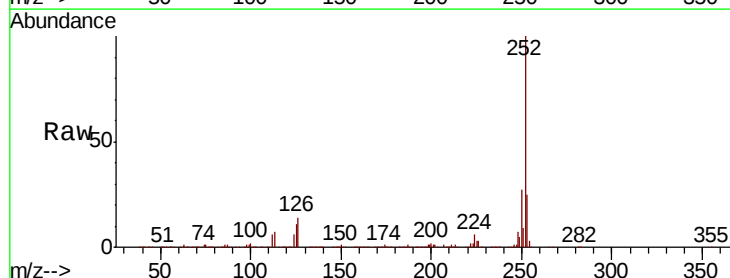
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.2	17.0	25.6

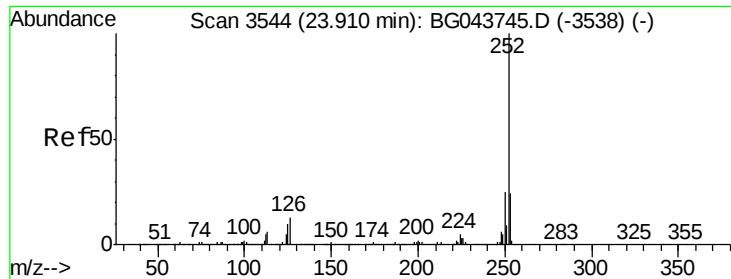


#88
Benzo(b)fluoranthene
Concen: 41.403 ng
RT: 23.83 min Scan# 3530
Delta R.T. -0.02 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion:252 Resp: 1884523

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	10.8	8.0	12.0

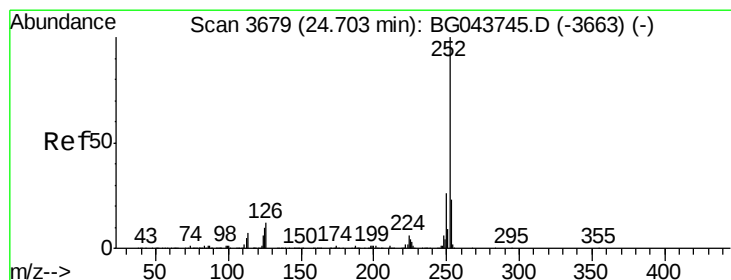
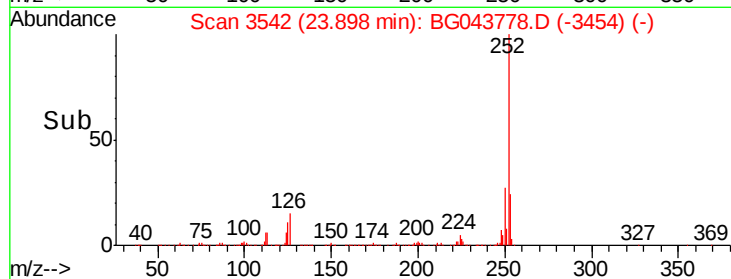
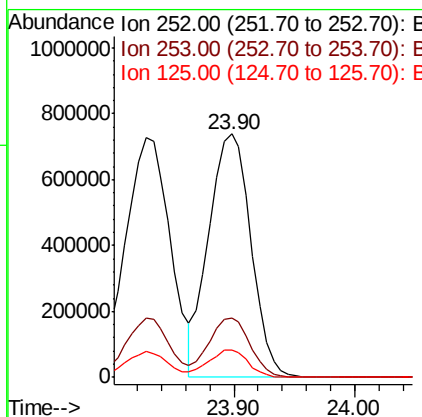
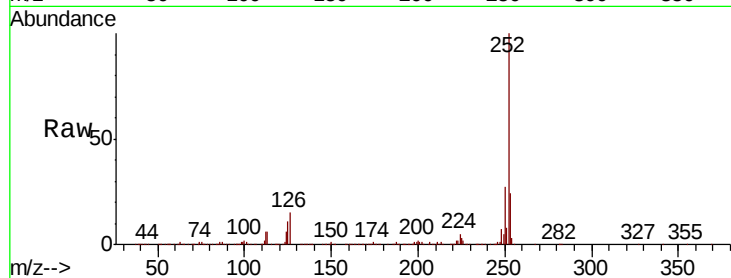




#89
Benzo(k)fluoranthene
Concen: 40.858 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

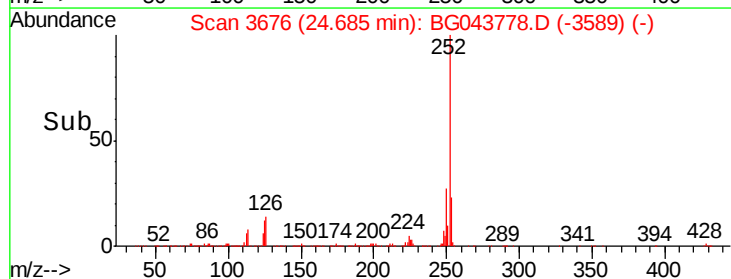
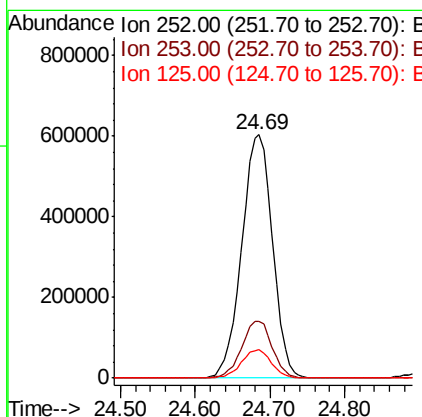
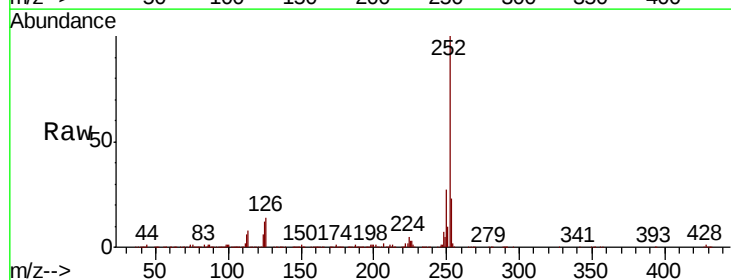
Instrument :
BNA_F
ClientSampleId :

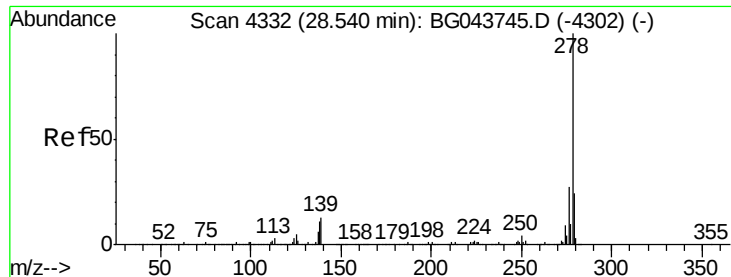
Tot Ion:252 Resp: 1784835
Ion Ratio Lower Upper
252 100
253 24.3 18.8 28.2
125 11.2 7.7 11.5



#90
Benzo(a)pyrene
Concen: 40.261 ng
RT: 24.69 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG043778.D
Acq: 26 Nov 2019 15:14

Tgt Ion:252 Resp: 1723208
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 11.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 40.129 ng

RT: 28.52 min Scan# 4328

Delta R.T. -0.02 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

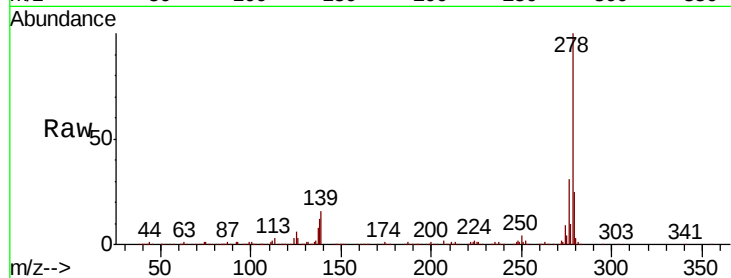
Instrument :

BNA_F

ClientSampled :

Tot Ion:278 Resp: 1665959

Ion	Ratio	Lower	Upper
278	100		
139	16.0	10.4	15.6#
279	25.0	19.3	28.9

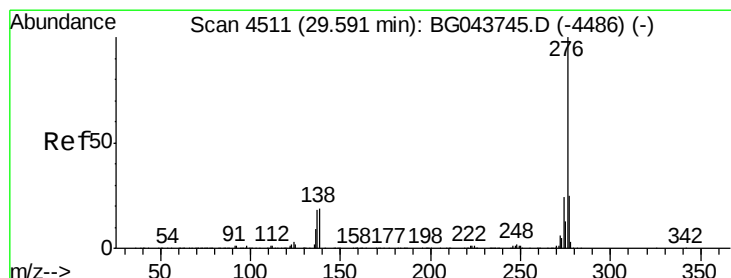
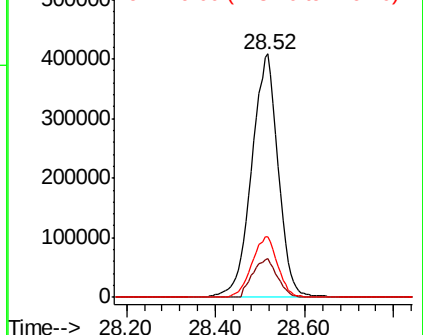
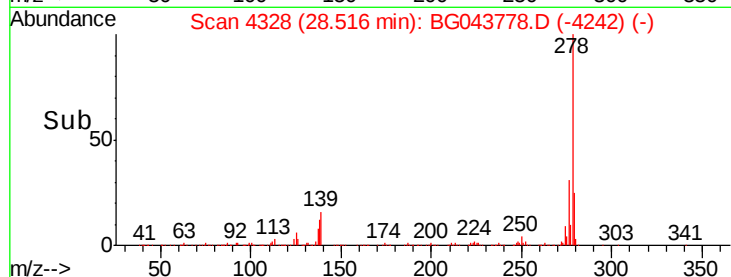


Abundance

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: 39.698 ng

RT: 29.57 min Scan# 4507

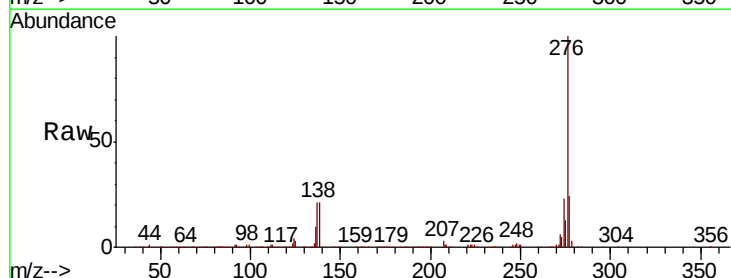
Delta R.T. -0.02 min

Lab File: BG043778.D

Acq: 26 Nov 2019 15:14

Tgt Ion:276 Resp: 1625260

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.7	29.5
138	21.4	14.9	22.3



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

