

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042820\
 Data File : BG045186.D
 Acq On : 28 Apr 2020 15:34
 Operator : CG/JU
 Sample : L2331-08MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMSD

Quant Time: Apr 28 16:10:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 14:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	61287	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	247737	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	193499	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	491624	20.00	ng	0.00
76) Chrysene-d12	21.65	240	452175	20.00	ng	0.00
87) Perylene-d12	24.83	264	472986	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	503050	135.51	ng	0.00
7) Phenol-d6	7.17	99	664199	120.43	ng	0.01
23) Nitrobenzene-d5	9.16	82	476776	87.81	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	421657	141.06	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1145106	86.78	ng	0.00
79) Terphenyl-d14	20.00	244	2132159	102.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	72535	43.967	ng	# 64
3) Pyridine	3.87	79	145466	28.637	ng	96
4) n-Nitrosodimethylamine	3.76	42	72702	46.721	ng	97
6) Aniline	7.32	93	101559	14.162	ng	98
8) 2-Chlorophenol	7.57	128	198735	49.813	ng	99
9) Benzaldehyde	7.14	77	4542	Below Cal		96
10) Phenol	7.19	94	239540	43.401	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	195461	44.481	ng	95
12) 1,3-Dichlorobenzene	7.89	146	217859	46.340	ng	99
13) 1,4-Dichlorobenzene	8.03	146	217177	46.360	ng	99
14) 1,2-Dichlorobenzene	8.35	146	206905	46.167	ng	94
15) Benzyl Alcohol	8.24	79	194737	42.112	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	173890	40.313	ng	96
17) 2-Methylphenol	8.45	107	178506	41.919	ng	98
18) Hexachloroethane	9.09	117	84532	48.001	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	167912	43.048	ng	98
20) 3+4-Methylphenols	8.77	107	244890	41.086	ng	96
22) Acetophenone	8.82	105	311065	46.431	ng	# 98
24) Nitrobenzene	9.20	77	253509	45.551	ng	97
25) Isophorone	9.73	82	488044	43.894	ng	98
26) 2-Nitrophenol	9.91	139	113872	47.501	ng	97
27) 2,4-Dimethylphenol	9.98	122	184730	48.565	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	266291	45.583	ng	98
29) 2,4-Dichlorophenol	10.46	162	217938	49.620	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	231140	46.481	ng	96
31) Naphthalene	10.86	128	630263	46.506	ng	98
32) Benzoic acid	10.12	122	126755	42.147	ng	92
33) 4-Chloroaniline	10.97	127	13961	2.209	ng	94
34) Hexachlorobutadiene	11.15	225	158908	46.608	ng	98
35) Caprolactam	11.73	113	43015	24.607	ng	92
36) 4-Chloro-3-methylphenol	12.10	107	260206	50.431	ng	97
37) 2-Methylnaphthalene	12.47	142	479951	45.626	ng	96
38) 1-Methylnaphthalene	12.68	142	468936	47.222	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	265229	42.572	ng	99

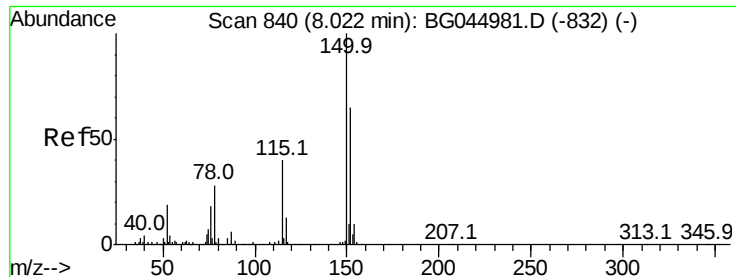
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042820\
 Data File : BG045186.D
 Acq On : 28 Apr 2020 15:34
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 14:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	380295	97.663	nq	98
43) 2,4,6-Trichlorophenol	13.07	196	203026	46.174	nq	98
44) 2,4,5-Trichlorophenol	13.15	196	221370	44.230	nq	99
46) 1,1'-Biphenyl	13.47	154	624433	42.457	nq	99
47) 2-Chloronaphthalene	13.52	162	487659	43.394	nq	98
48) 2-Nitroaniline	13.71	65	161930	43.795	nq	95
49) Acenaphthylene	14.36	152	817745	44.674	nq	99
50) Dimethylphthalate	14.09	163	726807	46.130	nq	98
51) 2,6-Dinitrotoluene	14.20	165	165556	46.979	nq	98
52) Acenaphthene	14.70	154	511108	41.268	nq	99
53) 3-Nitroaniline	14.53	138	36432	9.426	nq	93
54) 2,4-Dinitrophenol	14.74	184	222813	106.328	nq	93
55) Dibenzofuran	15.04	168	822198	45.535	nq	97
56) 4-Nitrophenol	14.86	139	232139	77.461	nq	97
57) 2,4-Dinitrotoluene	15.00	165	242080	47.005	nq	95
58) Fluorene	15.69	166	695813	47.178	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	221332	49.700	nq	98
60) Diethylphthalate	15.46	149	753155	45.849	nq	98
61) 4-Chlorophenyl-phenylether	15.68	204	385839	45.451	nq	98
62) 4-Nitroaniline	15.70	138	131837	32.886	nq	92
63) Azobenzene	15.97	77	697390	46.048	nq	99
65) 4,6-Dinitro-2-methylphenol	15.76	198	163767	50.679	nq	94
66) n-Nitrosodiphenylamine	15.90	169	572838	40.554	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	273907	43.187	nq	97
68) Hexachlorobenzene	16.70	284	299993	45.607	nq	96
69) Atrazine	16.84	200	134982	23.967	nq	97
70) Pentachlorophenol	17.04	266	366033	90.710	nq	99
71) Phenanthrene	17.43	178	1152575	45.623	nq	99
72) Anthracene	17.52	178	1191217	47.006	nq	99
73) Carbazole	17.79	167	1014907	39.465	nq	97
74) Di-n-butylphthalate	18.35	149	1337272	48.202	nq	99
75) Fluoranthene	19.44	202	1457773	49.744	nq	98
77) Benzidine	19.71	184	5752	Below Cal	#	94
78) Pyrene	19.80	202	1439257	46.170	nq	99
80) Butylbenzylphthalate	20.68	149	593100	45.900	nq	98
81) Benzo(a)anthracene	21.63	228	1339516	45.706	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	58208	4.990	nq	95
83) Chrysene	21.70	228	1311464	46.574	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	834264	46.943	nq	99
85) Di-n-octyl phthalate	22.75	149	1403803	45.679	nq	100
86) Indeno(1,2,3-cd)pyrene	28.45	276	1644064	43.975	nq	98
88) Benzo(b)fluoranthene	23.83	252	1435859	48.463	nq	99
89) Benzo(k)fluoranthene	23.89	252	1455129	51.645	nq	99
90) Benzo(a)pyrene	24.68	252	1324280	47.341	nq	98
91) Dibenzo(a,h)anthracene	28.51	278	1366922	48.495	nq	96
92) Benzo(g,h,i)perylene	29.57	276	1265608	44.786	nq	98

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

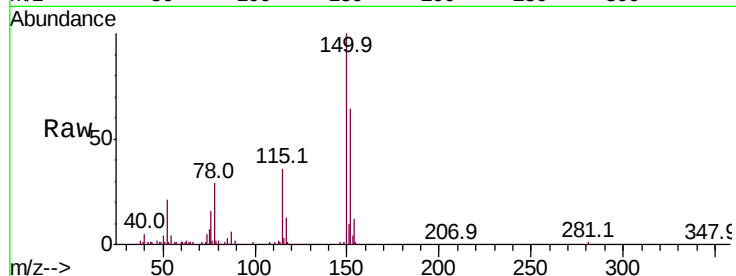


#1

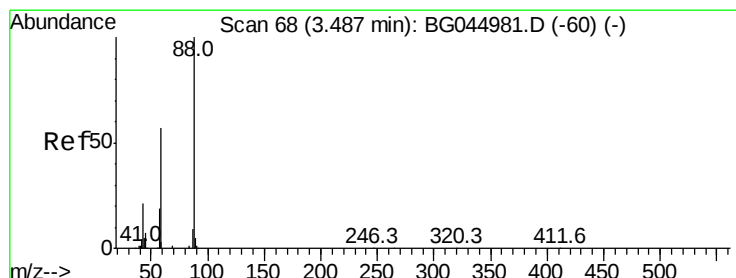
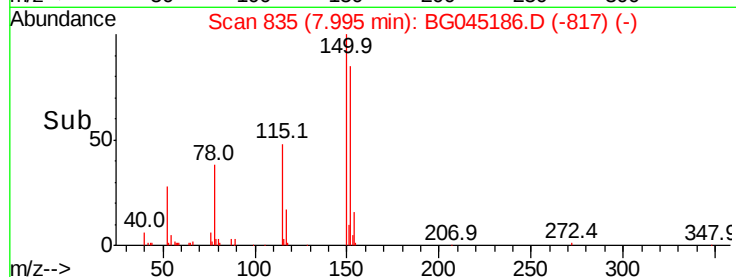
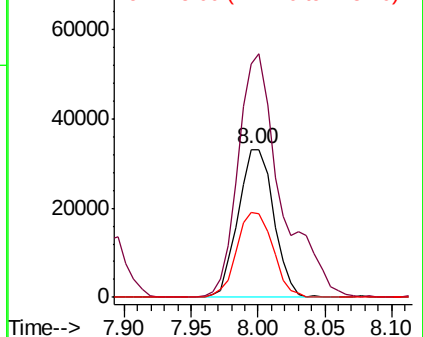
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

Tot Ion:152 Resp: 61287
Ion Ratio Lower Upper
152 100
150 157.4 123.6 185.4
115 57.3 49.1 73.7



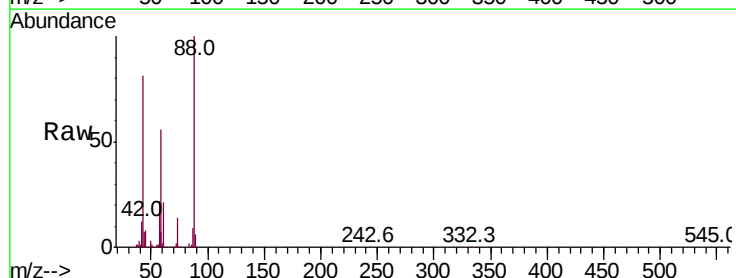
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



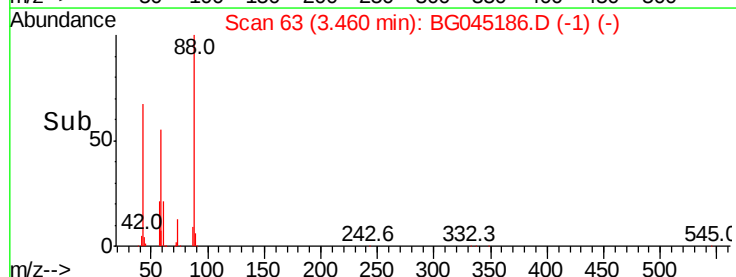
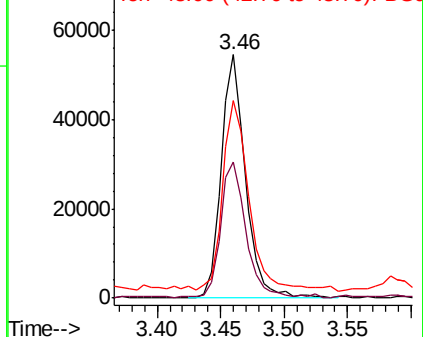
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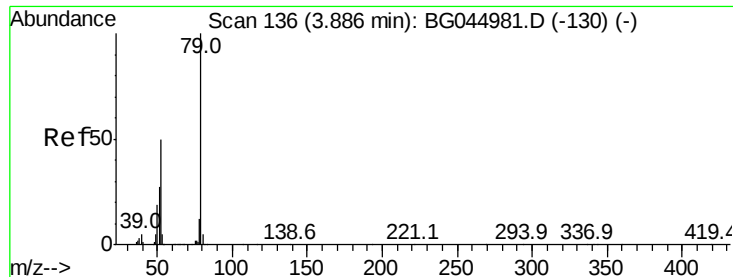
1,4-Dioxane
Concen: 43.967 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Tgt Ion: 88 Resp: 72535
Ion Ratio Lower Upper
88 100
58 56.7 46.6 69.8
43 82.2 17.5 26.3#



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: 28.637 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.02 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

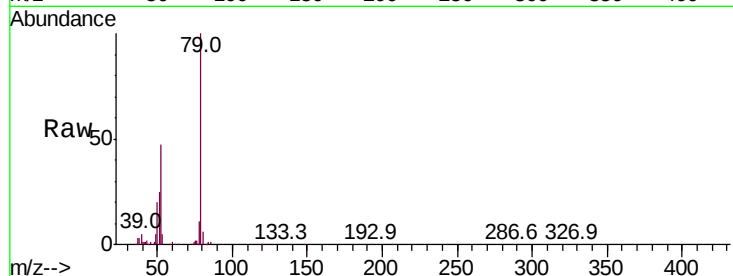
Tot Ion: 79 Resp: 145466

Ion Ratio Lower Upper

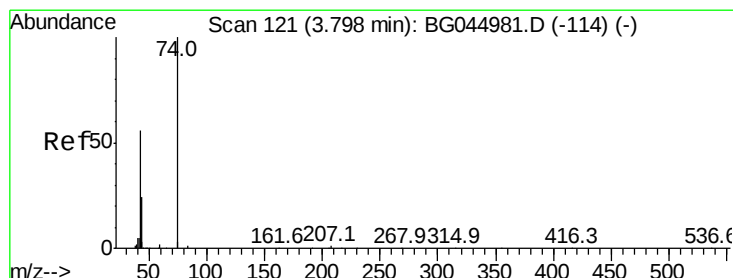
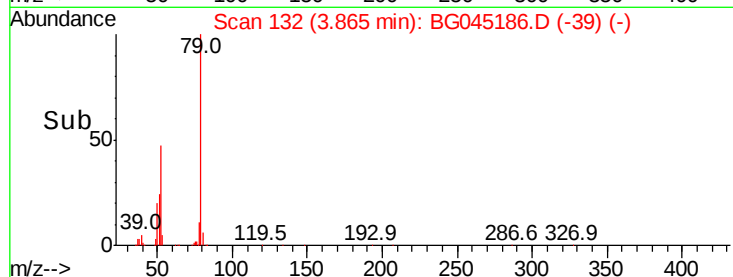
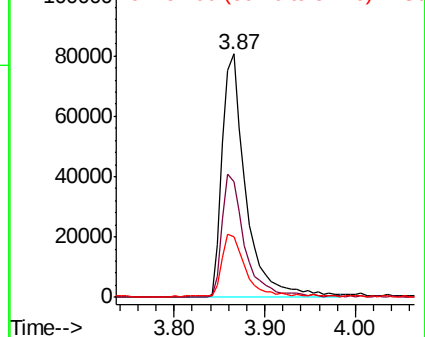
79 100

52 47.3 39.8 59.6

51 25.0 21.4 32.2



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: 46.721 ng

RT: 3.76 min Scan# 114

Delta R.T. 0.00 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

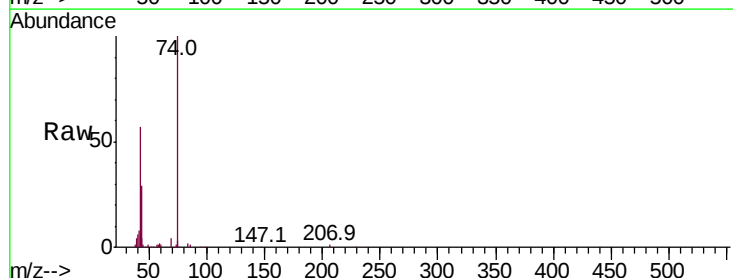
Tgt Ion: 42 Resp: 72702

Ion Ratio Lower Upper

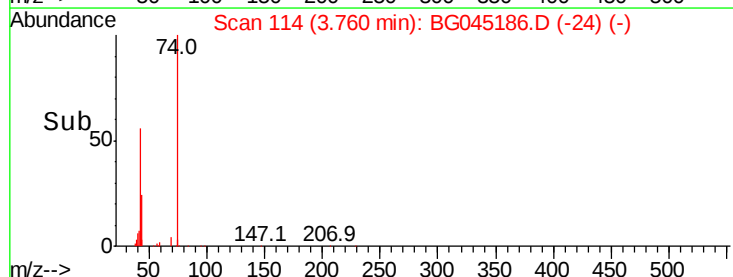
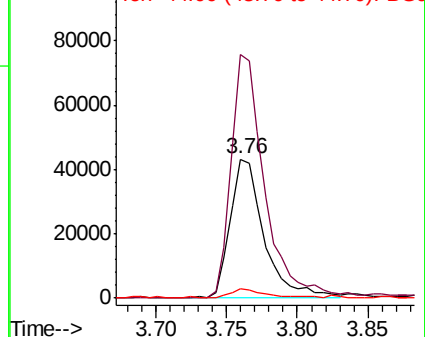
42 100

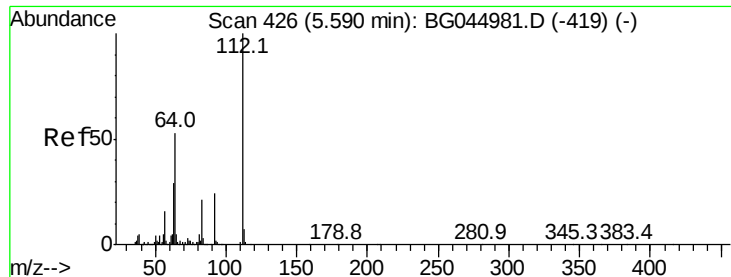
74 174.9 143.0 214.6

44 6.5 4.6 6.8



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: 135.511 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

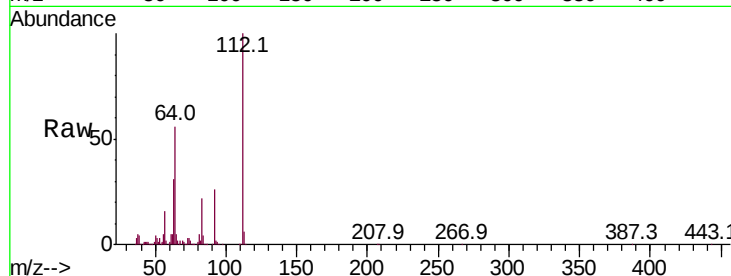
Tot Ion:112 Resp: 503050

Ion Ratio Lower Upper

112 100

64 55.7 42.4 63.6

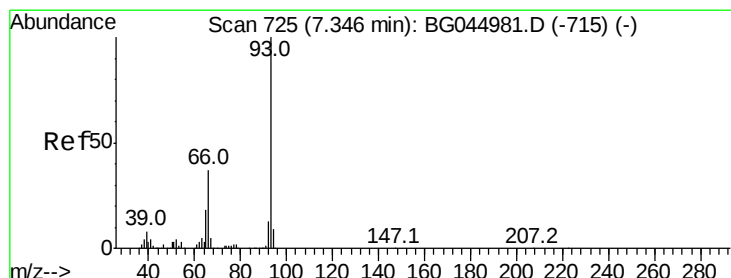
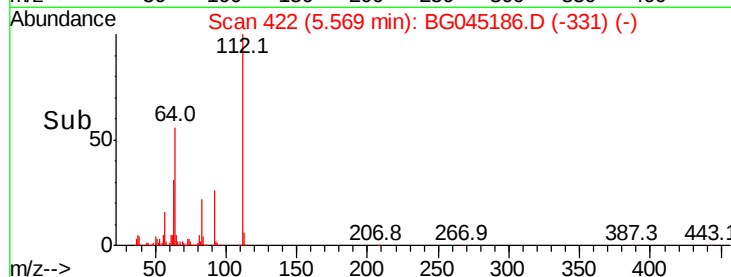
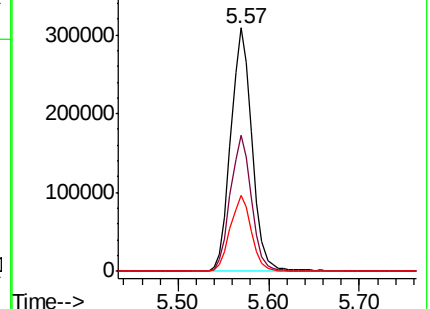
63 31.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.162 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

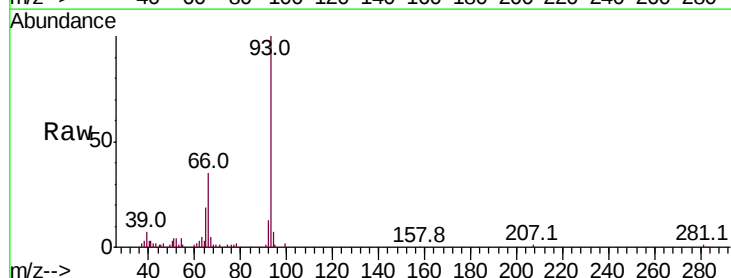
Tgt Ion: 93 Resp: 101559

Ion Ratio Lower Upper

93 100

66 35.5 29.8 44.8

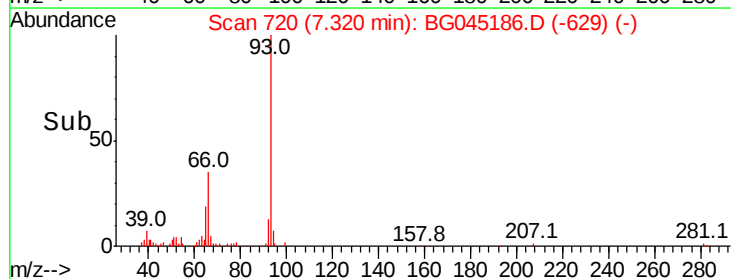
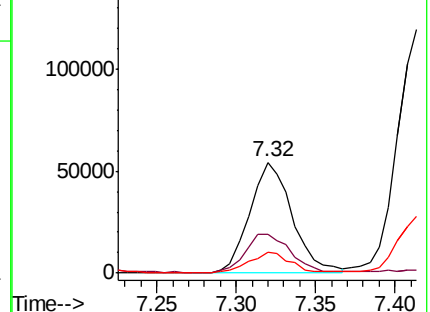
65 18.5 14.6 22.0

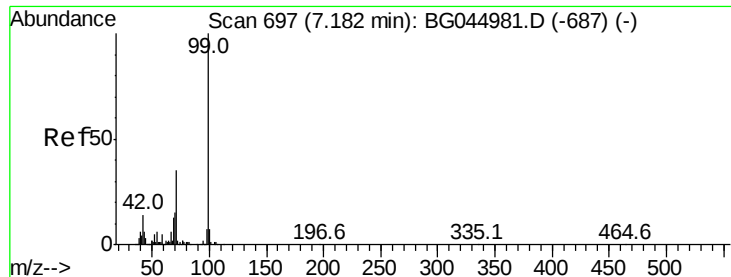


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.425 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

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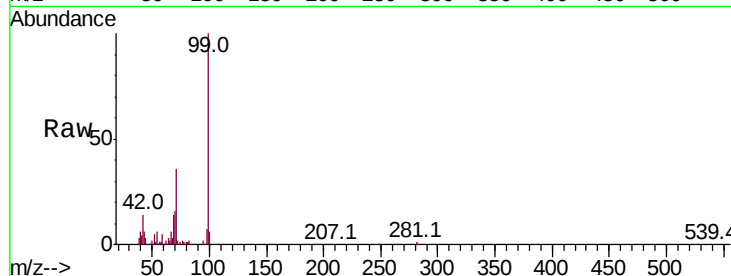
Tot Ion: 99 Resp: 664199

Ion Ratio Lower Upper

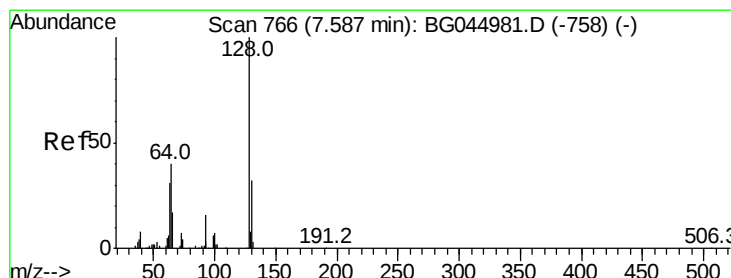
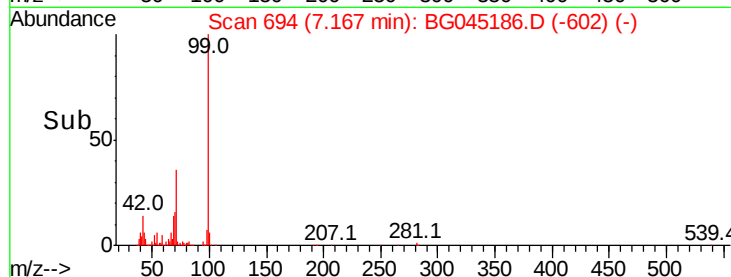
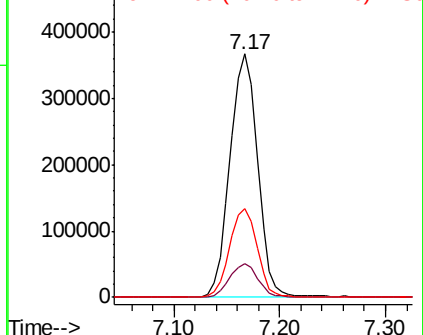
99 100

42 14.1 11.3 16.9

71 36.2 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.813 ng

RT: 7.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

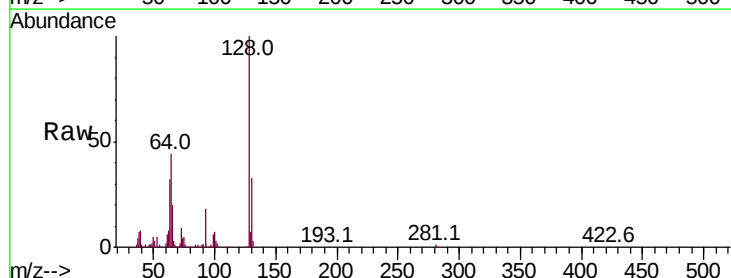
Tgt Ion: 128 Resp: 198735

Ion Ratio Lower Upper

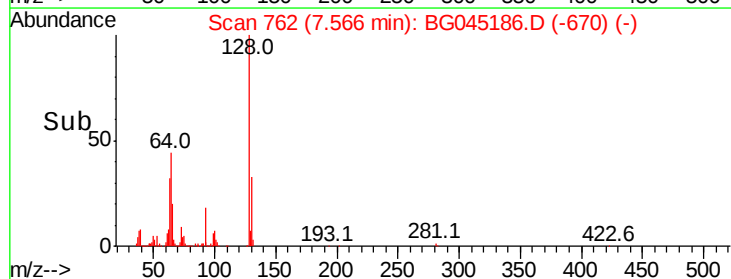
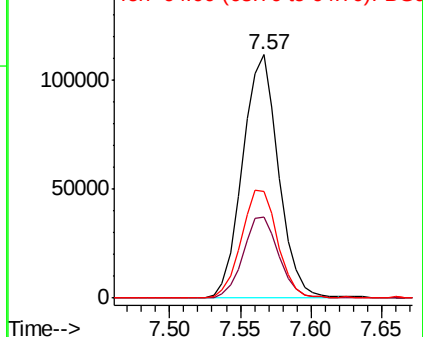
128 100

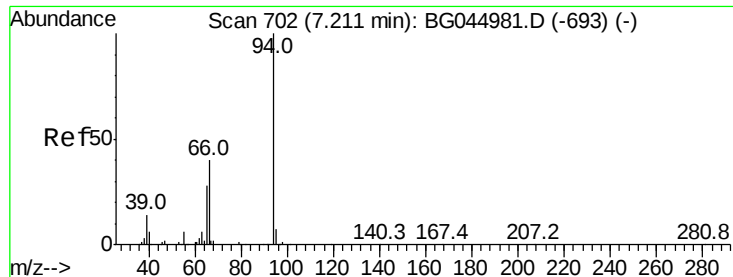
130 33.3 12.3 52.3

64 44.0 24.4 64.4



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





#10

Phenol

Concen: 43.401 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

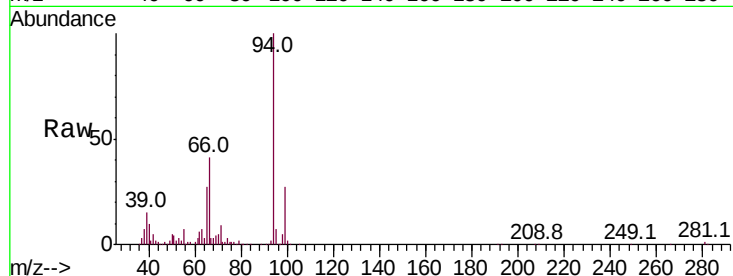
Tot Ion: 94 Resp: 239540

Ion Ratio Lower Upper

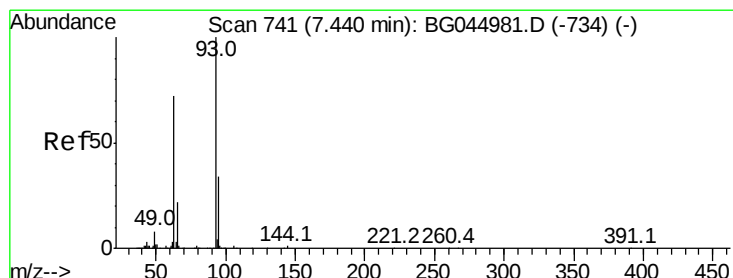
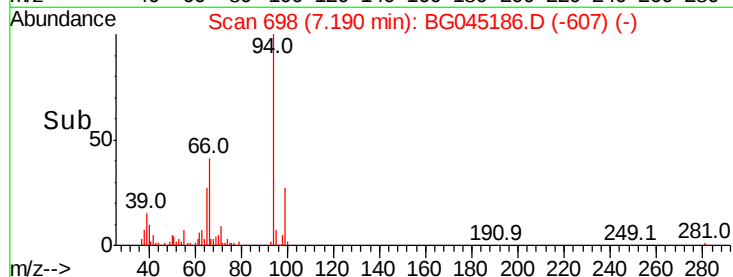
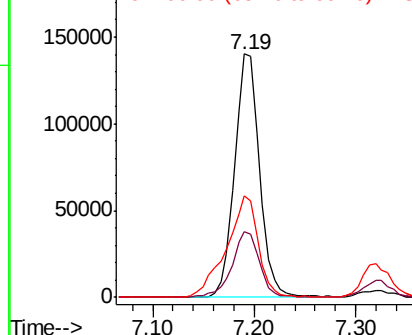
94 100

65 27.0 8.2 48.2

66 41.5 20.4 60.4



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: 44.481 ng

RT: 7.41 min Scan# 736

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

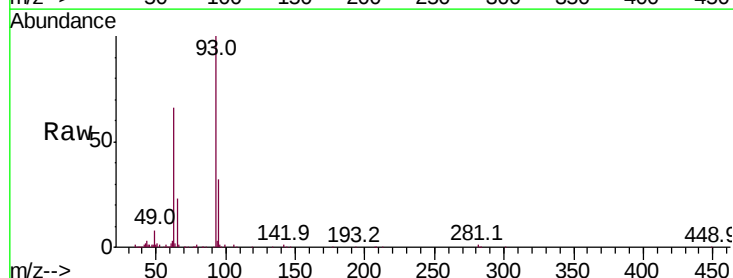
Tgt Ion: 93 Resp: 195461

Ion Ratio Lower Upper

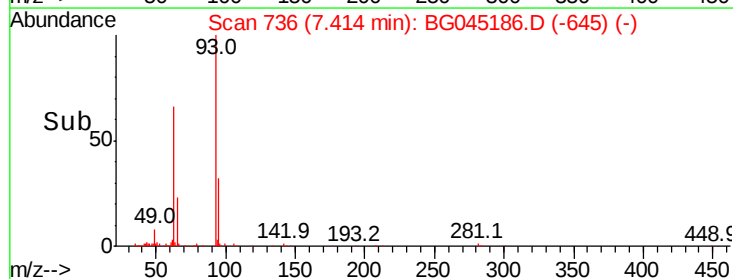
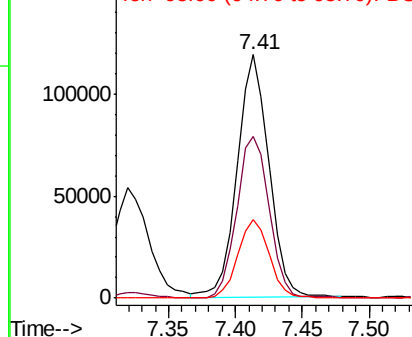
93 100

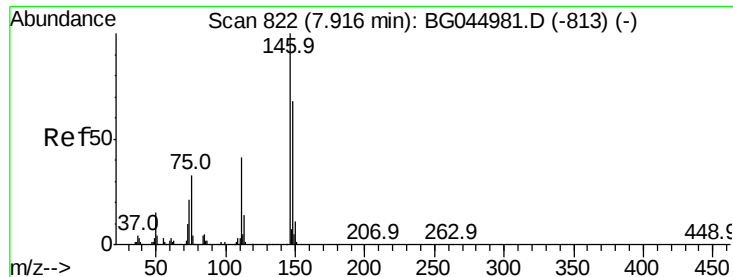
63 66.4 51.8 91.8

95 32.5 13.8 53.8



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: 46.340 ng

RT: 7.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

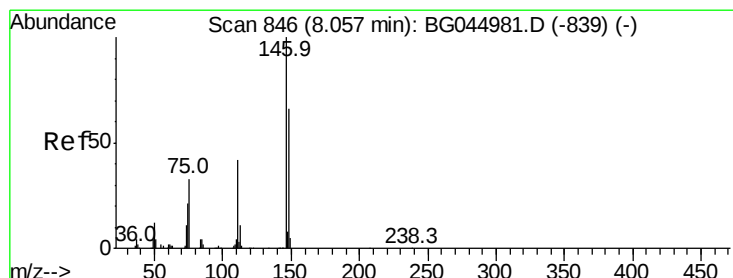
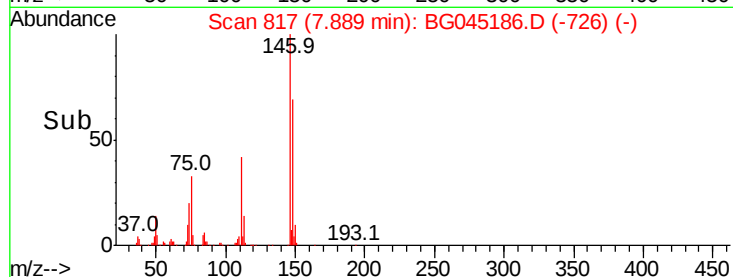
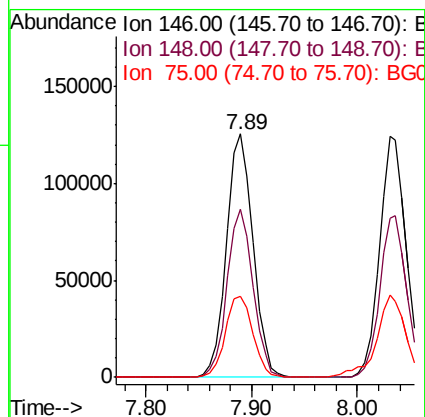
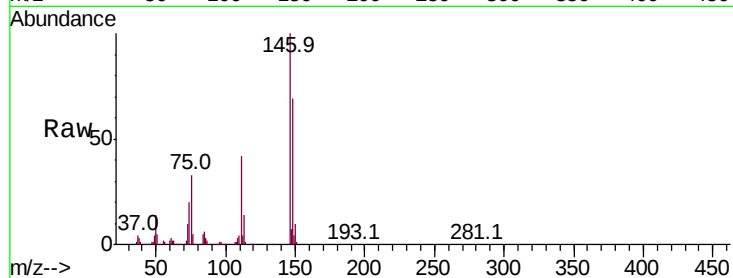
Tot Ion:146 Resp: 217859

Ion Ratio Lower Upper

146 100

148 69.2 54.6 81.8

75 33.4 26.0 39.0



#13

1,4-Dichlorobenzene

Concen: 46.360 ng

RT: 8.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

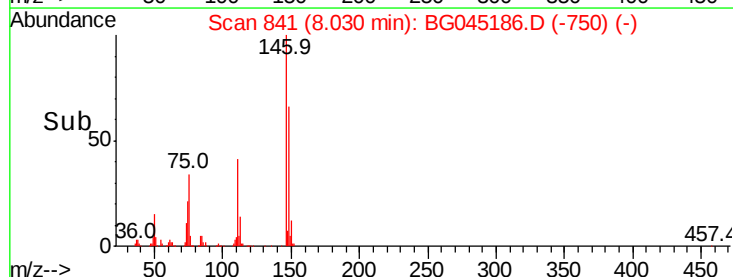
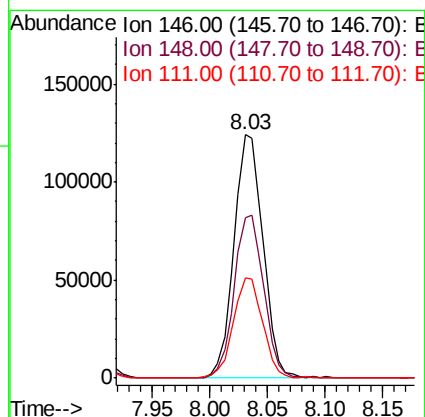
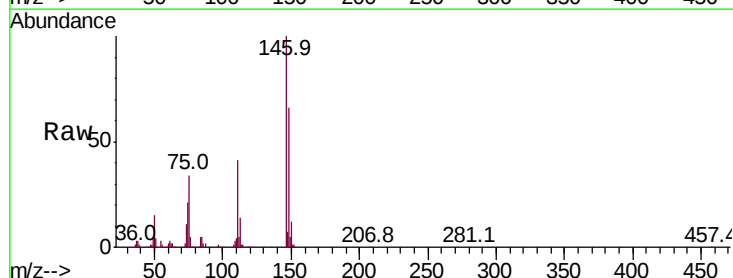
Tgt Ion:146 Resp: 217177

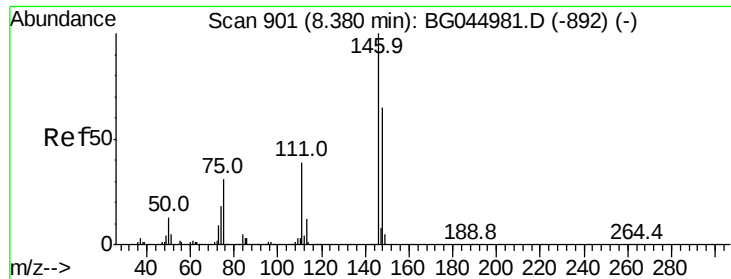
Ion Ratio Lower Upper

146 100

148 66.0 53.3 79.9

111 41.1 33.8 50.8

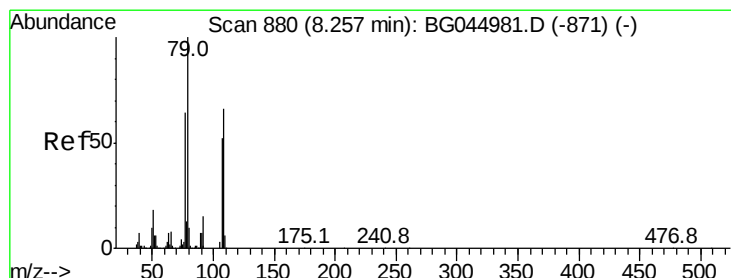
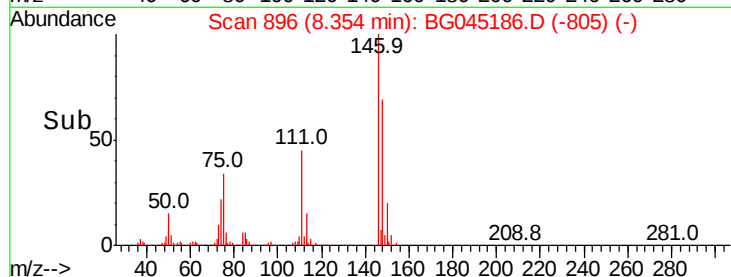
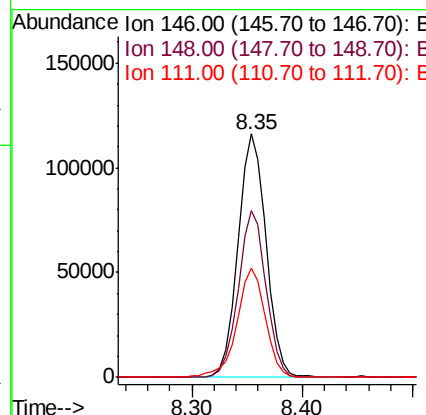
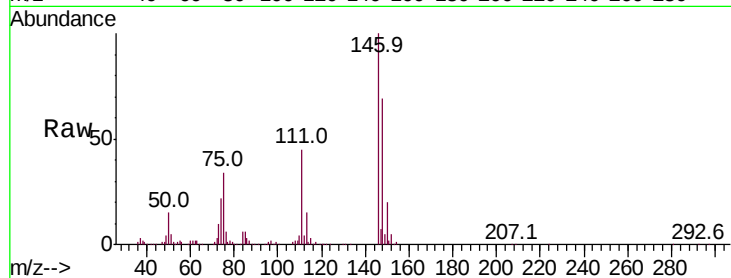




#14
 1,2-Dichlorobenzene
 Concen: 46.167 ng
 RT: 8.35 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BG045186.D
 Acq: 28 Apr 2020 15:34

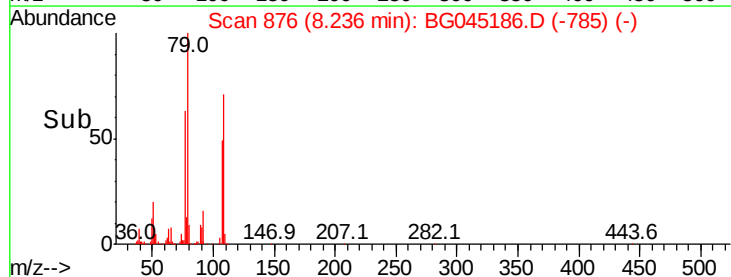
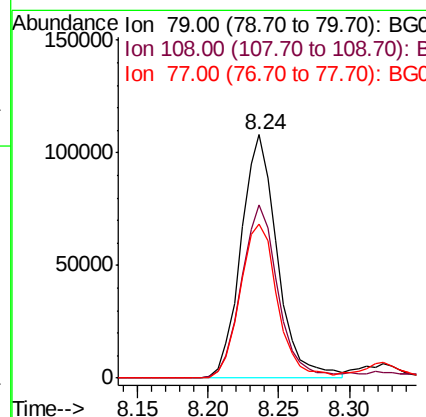
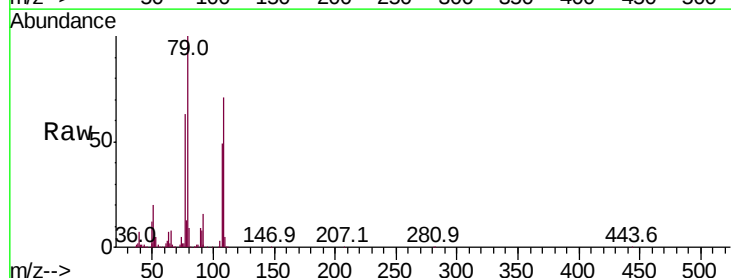
Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMSD

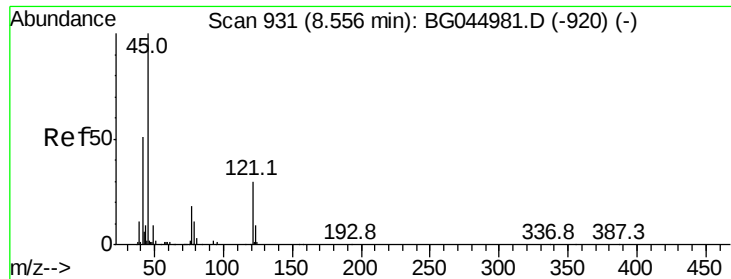
Tot Ion	Ratio	Lower	Upper
146	100		
148	68.7	51.9	77.9
111	44.8	31.3	46.9



#15
 Benzyl Alcohol
 Concen: 42.112 ng
 RT: 8.24 min Scan# 876
 Delta R.T. 0.01 min
 Lab File: BG045186.D
 Acq: 28 Apr 2020 15:34

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.9	52.7	79.1
77	63.1	51.3	76.9

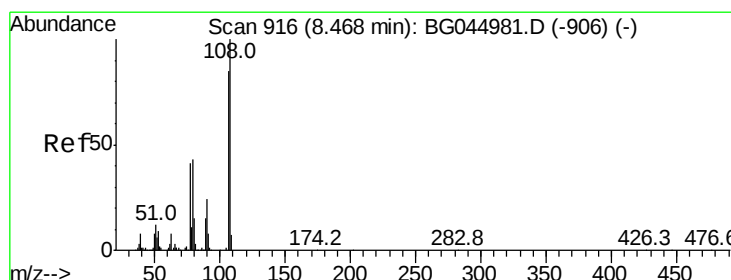
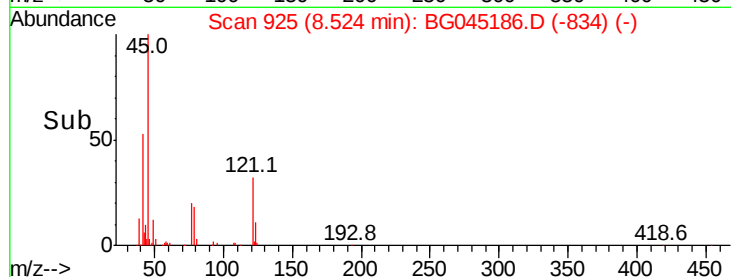
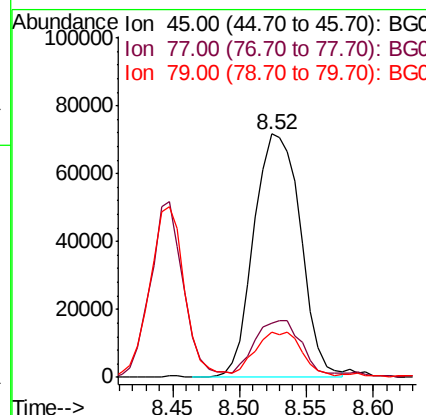
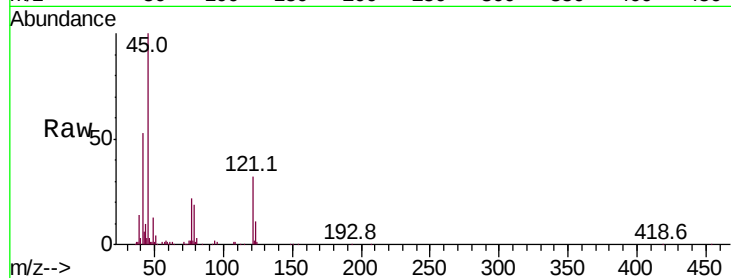




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.313 ng
RT: 8.52 min Scan# 925
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

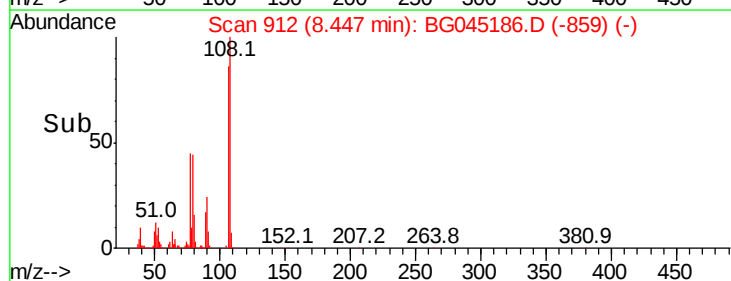
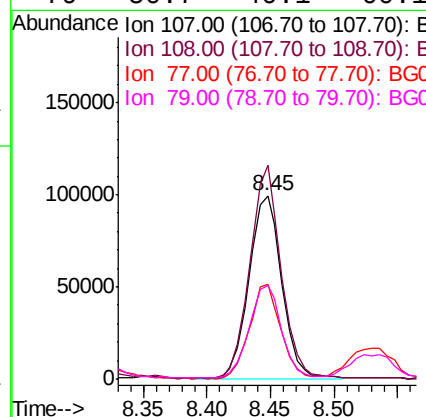
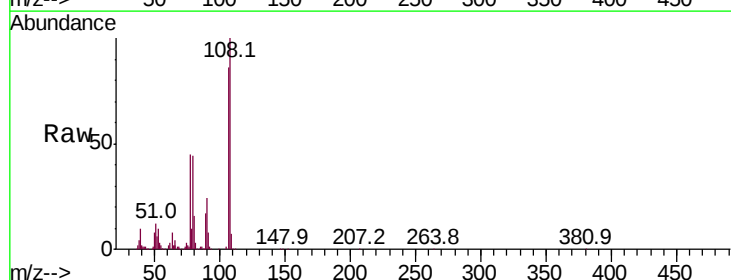
Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

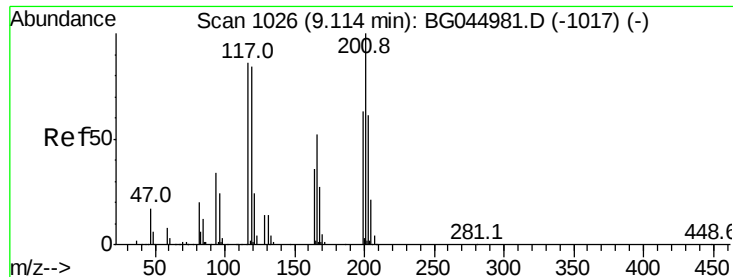
Tot Ion: 45 Resp: 173890
Ion Ratio Lower Upper
45 100
77 22.5 1.9 41.9
79 18.7 0.0 35.5



#17
2-Methylphenol
Concen: 41.919 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Tgt Ion:107 Resp: 178506
Ion Ratio Lower Upper
107 100
108 116.6 93.8 140.6
77 52.0 38.5 57.7
79 50.7 40.1 60.1





#18

Hexachloroethane

Concen: 48.001 ng

RT: 9.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

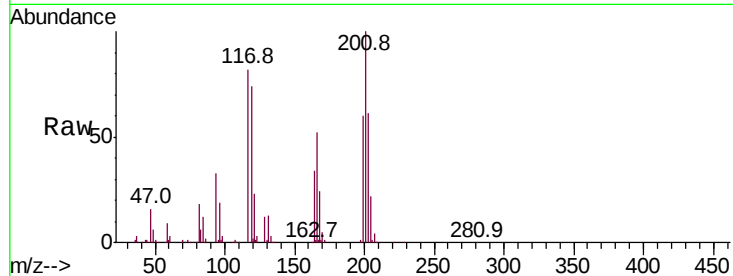
Tot Ion:117 Resp: 84532

Ion Ratio Lower Upper

117 100

119 90.3 78.3 117.5

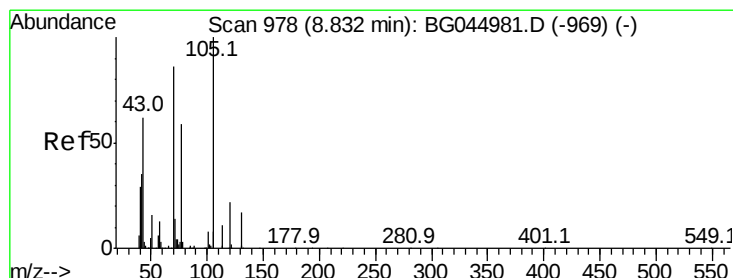
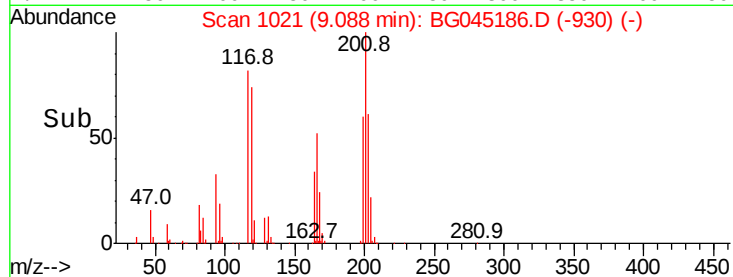
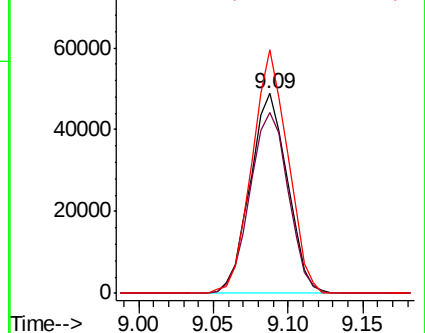
201 121.7 92.9 139.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 43.048 ng

RT: 8.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Tgt Ion: 70 Resp: 167912

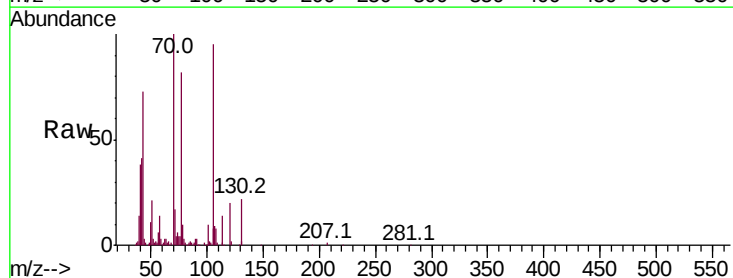
Ion Ratio Lower Upper

70 100

42 41.0 33.3 49.9

101 9.8 7.8 11.8

130 21.9 15.8 23.6

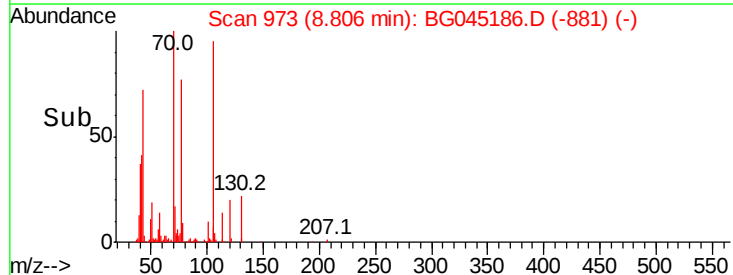
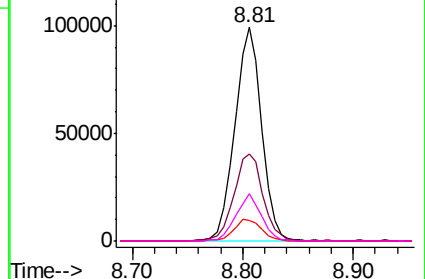


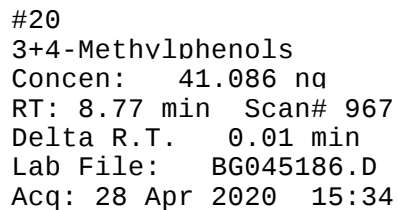
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

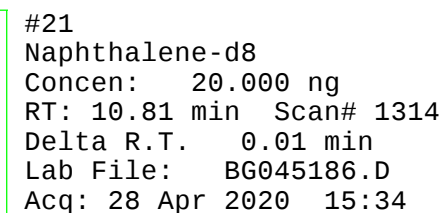
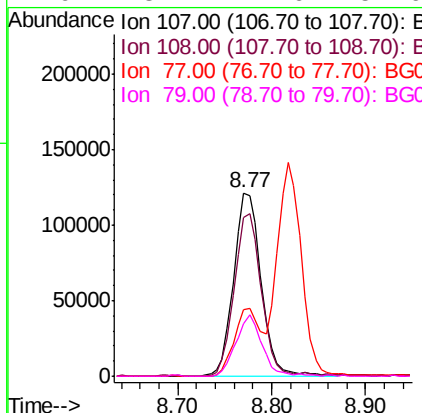
Ion 130.00 (129.70 to 130.70): BGC



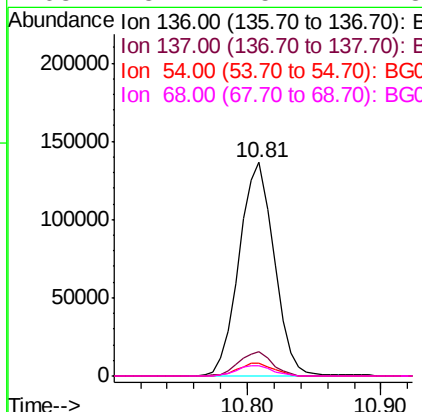


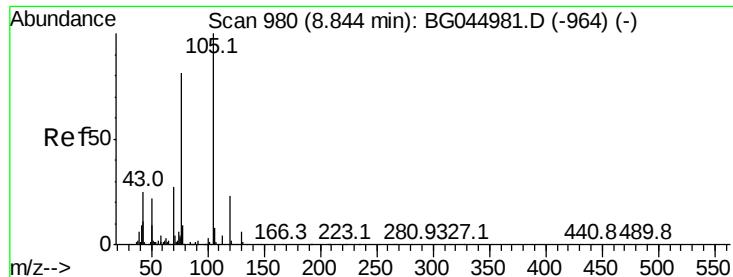
Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

Tot	Ion:107	Resp:	244890
Ion	Ratio	Lower	Upper
107	100		
108	86.3	69.9	109.9
77	36.2	15.2	55.2
79	28.7	11.6	51.6



Tgt	Ion:136	Resp:	247737
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	5.8	4.8	7.2
68	5.1	5.2	7.8#





#22

Acetophenone

Concen: 46.431 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

Tot Ion:105 Resp: 311065

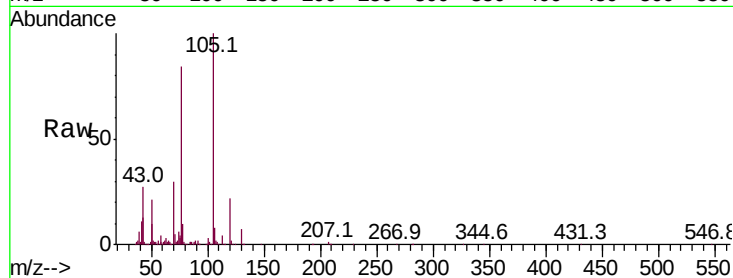
Ion Ratio Lower Upper

105 100

71 5.2 3.3 4.9#

51 20.6 17.3 25.9

120 22.4 18.4 27.6

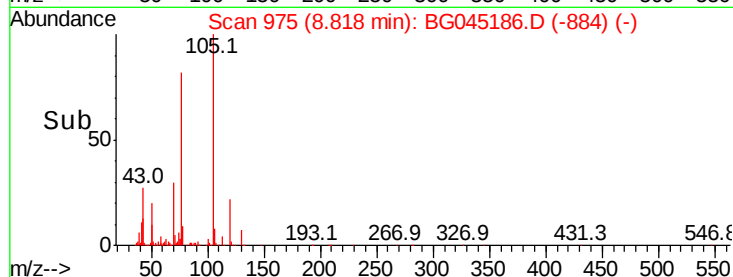
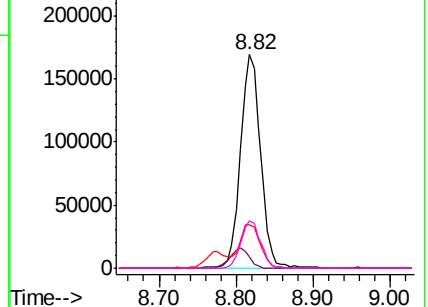


Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.814 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

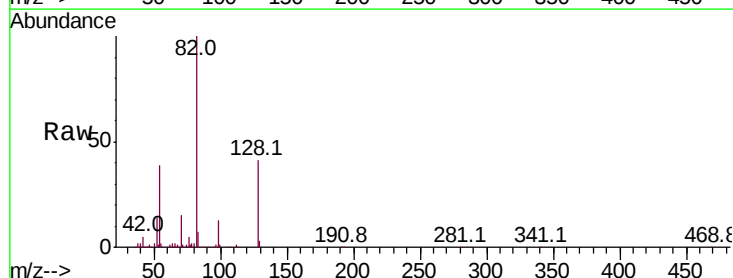
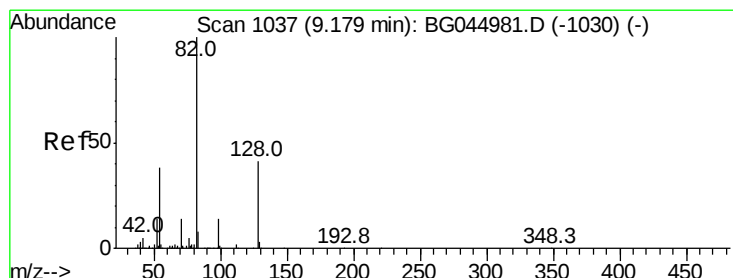
Tgt Ion: 82 Resp: 476776

Ion Ratio Lower Upper

82 100

128 41.0 33.0 49.4

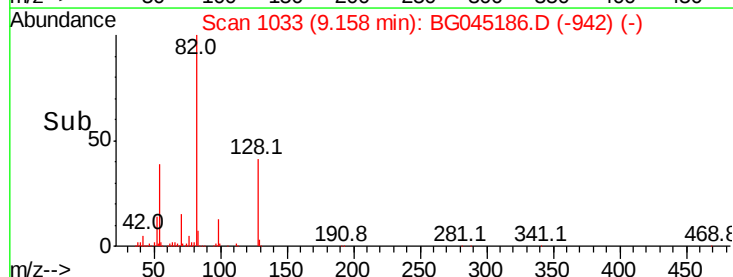
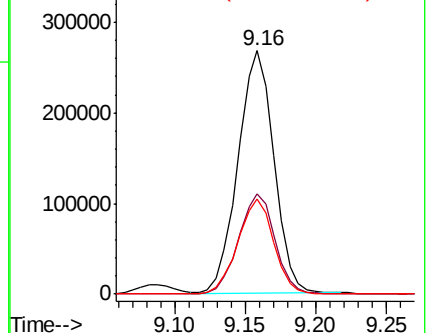
54 39.0 30.4 45.6

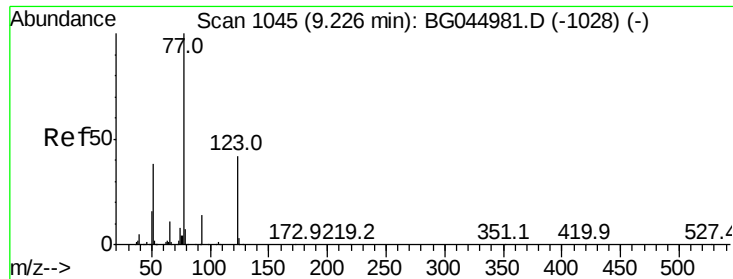


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

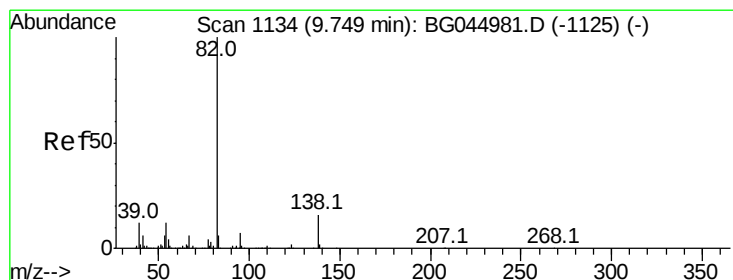
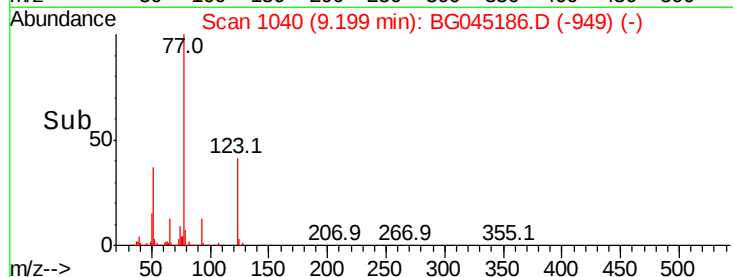
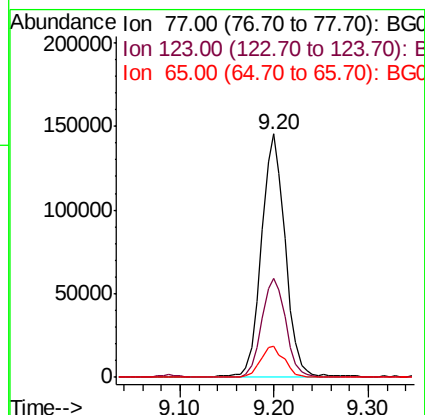
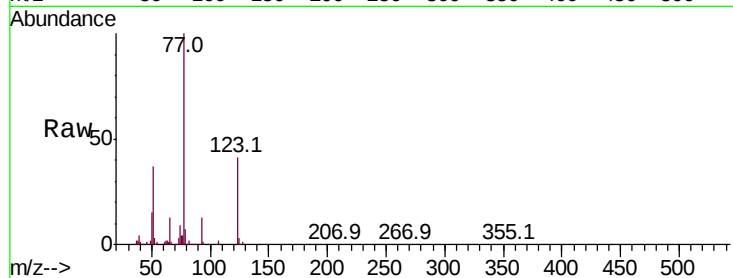




#24
Nitrobenzene
Concen: 45.551 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

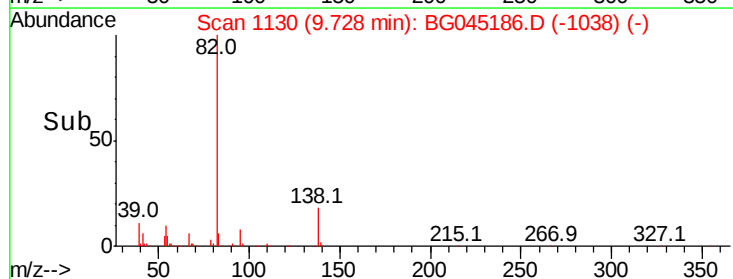
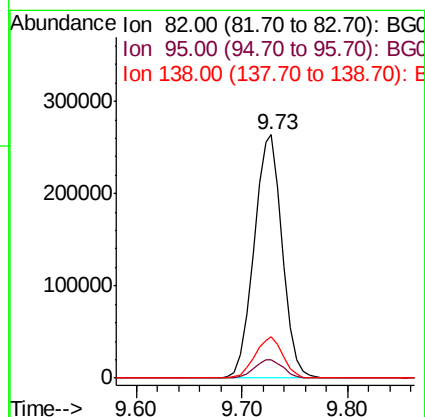
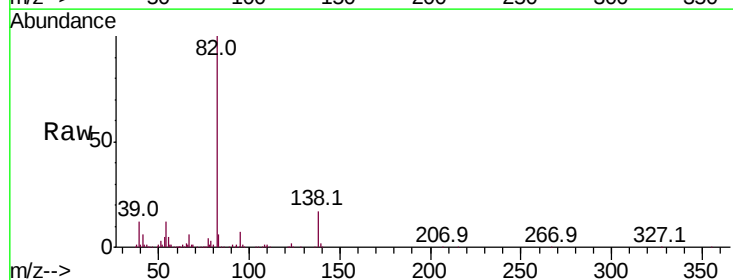
Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

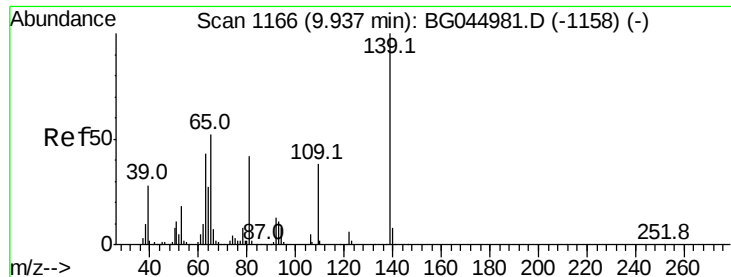
Tot Ion	Ratio	Lower	Upper
77	100		
123	40.9	34.3	51.5
65	12.7	8.9	13.3



#25
Isophorone
Concen: 43.894 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.0	9.0
138	17.1	12.7	19.1





#26

2-Nitrophenol

Concen: 47.501 ng

RT: 9.91 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

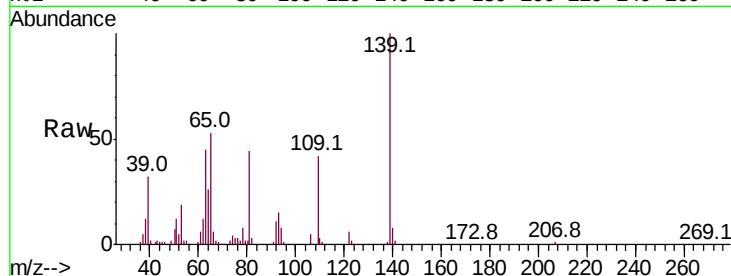
Tot Ion:139 Resp: 113872

Ion Ratio Lower Upper

139 100

109 41.6 30.6 45.8

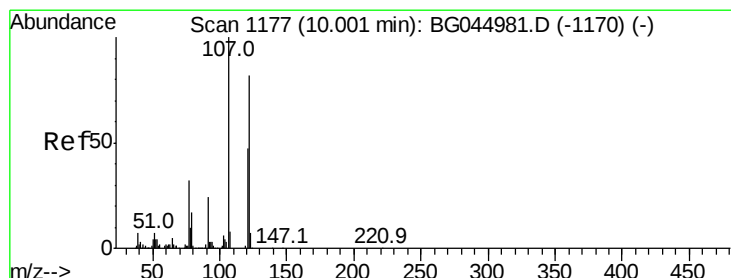
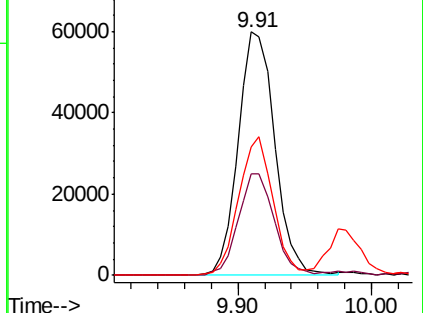
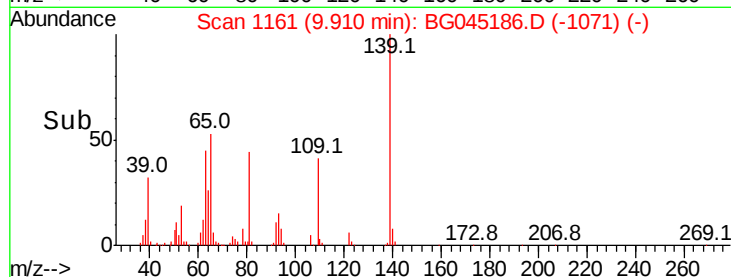
65 53.0 41.8 62.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#27

2,4-Dimethylphenol

Concen: 48.565 ng

RT: 9.98 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

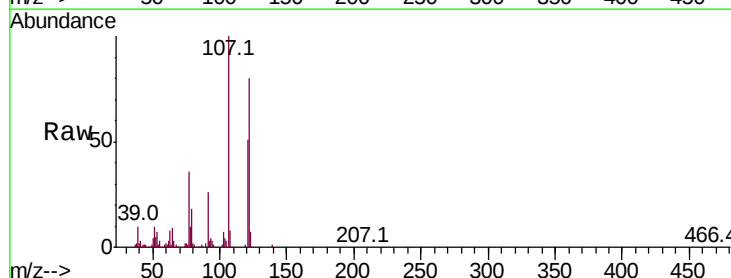
Tgt Ion:122 Resp: 184730

Ion Ratio Lower Upper

122 100

107 124.4 96.8 145.2

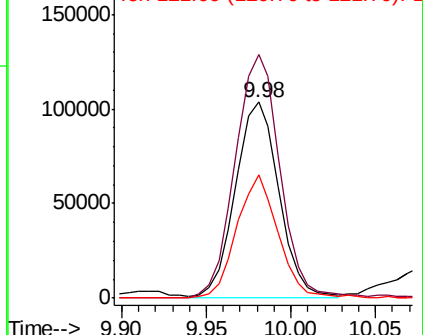
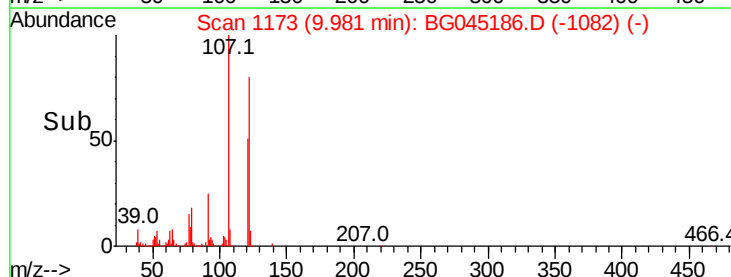
121 63.1 45.6 68.4

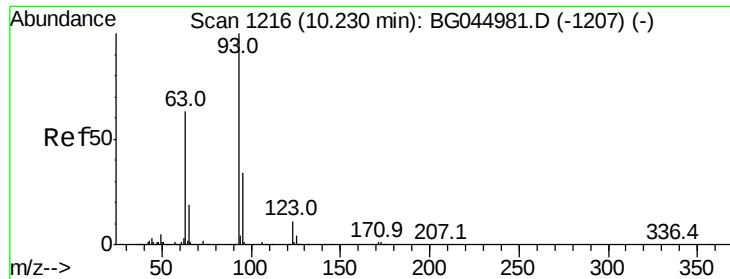


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

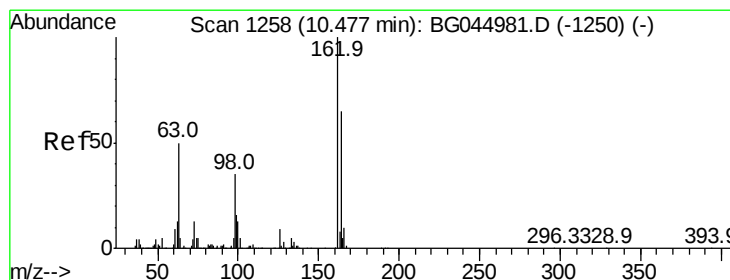
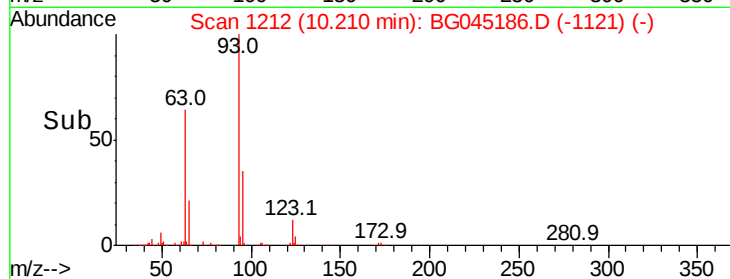
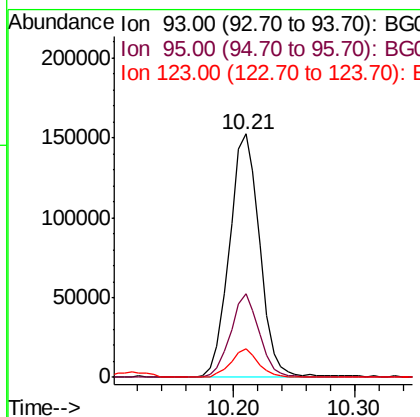
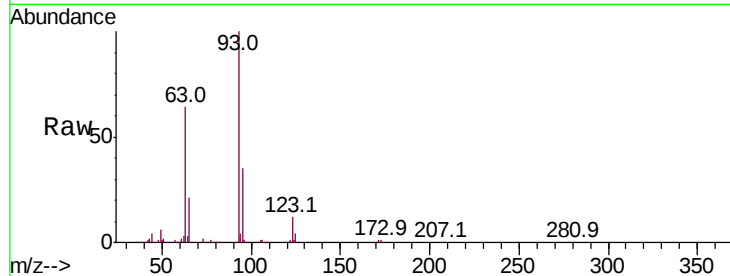




#28
bis(2-Chloroethoxy)methane
Concen: 45.583 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

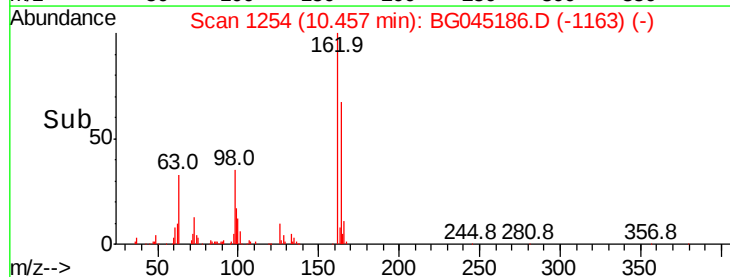
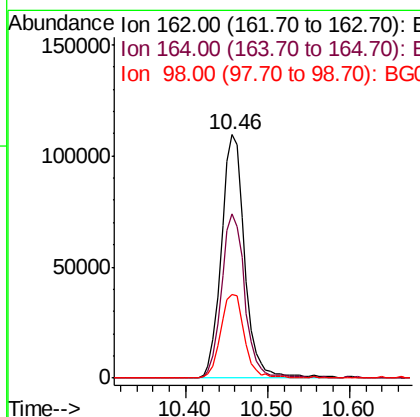
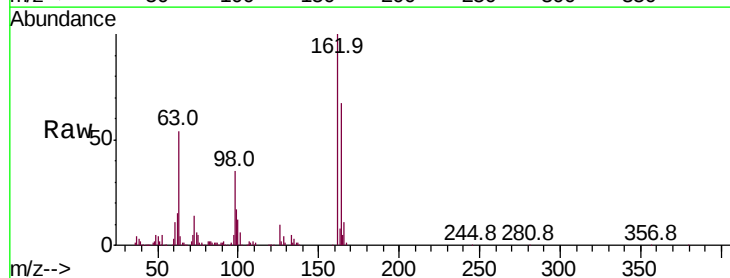
Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

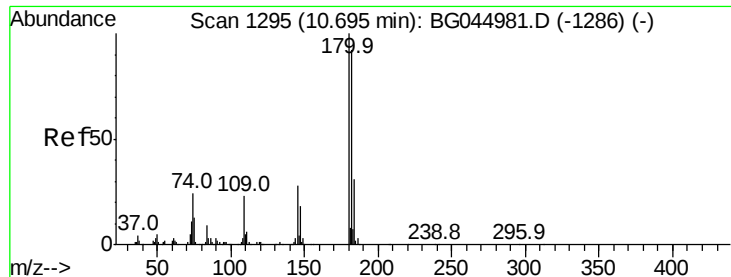
Tot Ion	93	Resp	266291
Ion Ratio	100		
Lower	27.0		
Upper	40.4		
95	34.6		
123	11.8		
	8.7		
	13.1		



#29
2,4-Dichlorophenol
Concen: 49.620 ng
RT: 10.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Tgt Ion	162	Resp	217938
Ion Ratio	100		
Lower	45.0		
Upper	85.0		
164	67.5		
98	34.6		
	15.2		
	55.2		

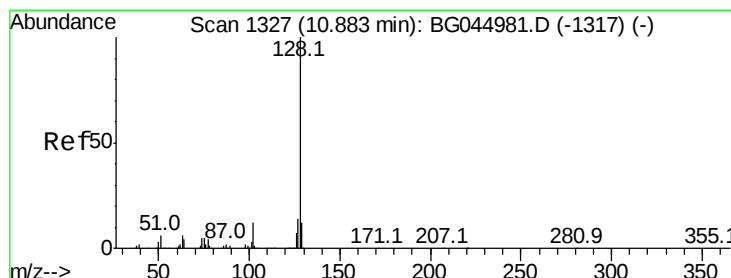
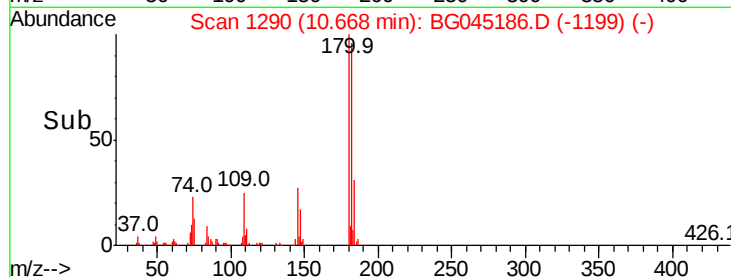
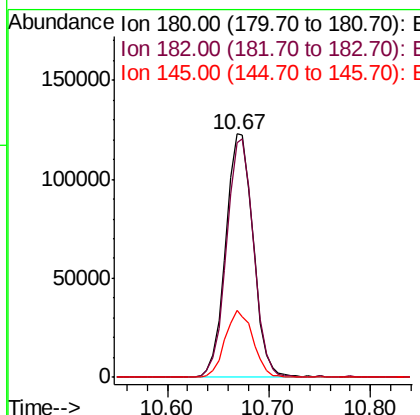
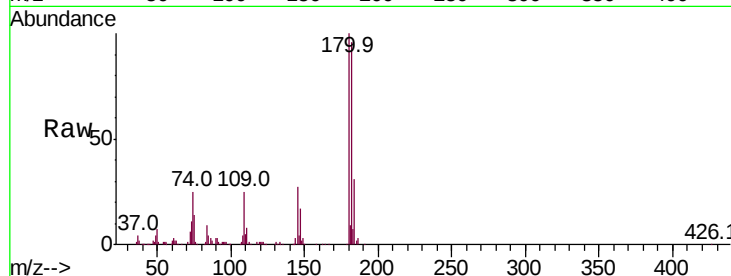




#30
 1,2,4-Trichlorobenzene
 Concen: 46.481 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BG045186.D
 Acq: 28 Apr 2020 15:34

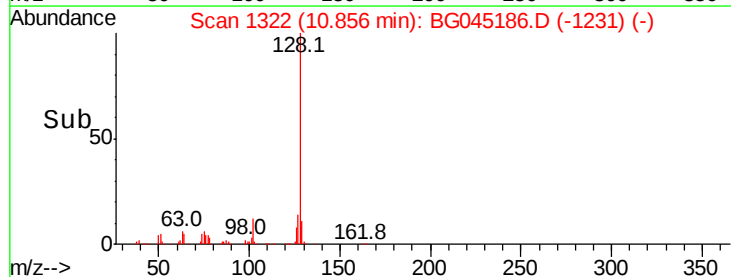
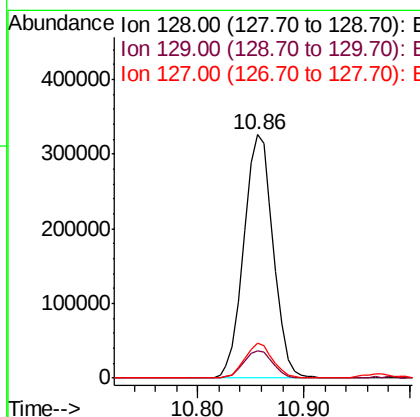
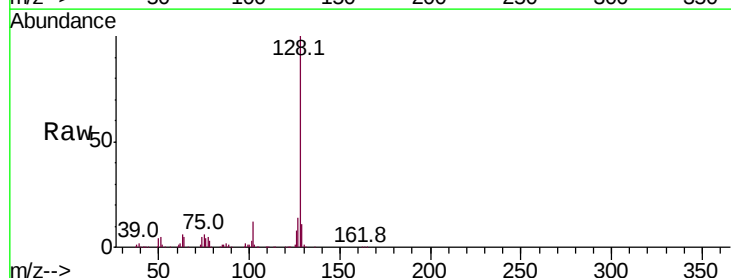
Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMSD

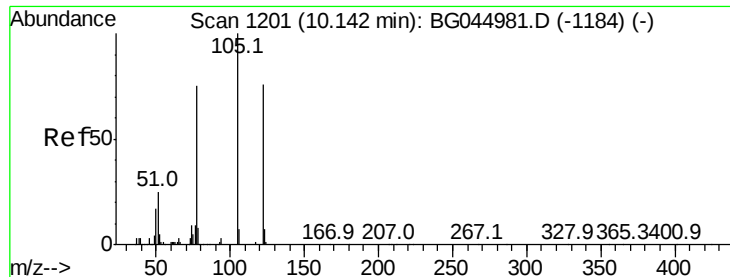
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	73.3	109.9
145	27.3	22.6	33.8



#31
 Naphthalene
 Concen: 46.506 ng
 RT: 10.86 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BG045186.D
 Acq: 28 Apr 2020 15:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	14.4	10.8	16.2





#32

Benzoic acid

Concen: 42.147 ng

RT: 10.12 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

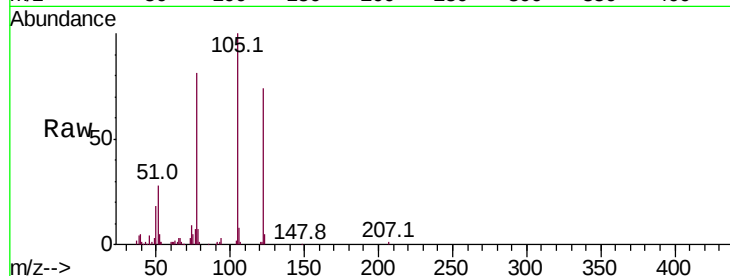
Tot Ion:122 Resp: 126755

Ion Ratio Lower Upper

122 100

105 134.8 108.4 148.4

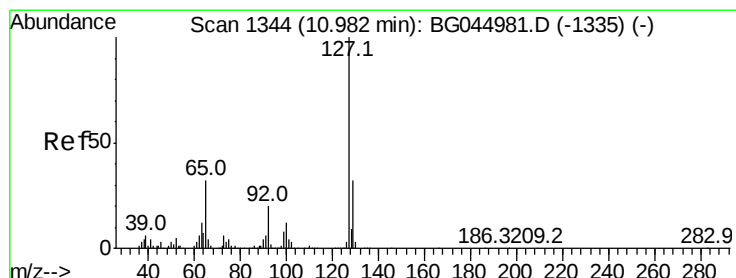
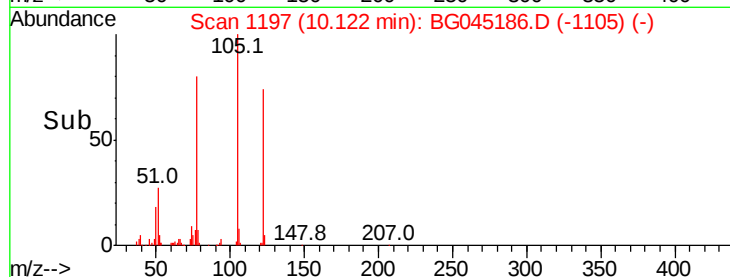
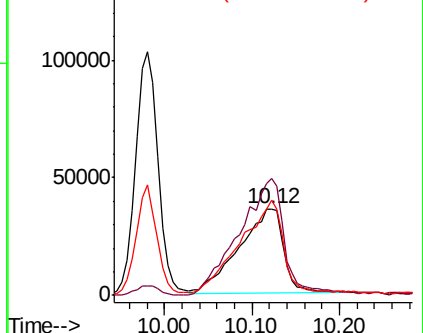
77 109.6 78.8 118.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 2.209 ng

RT: 10.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Tgt Ion:127 Resp: 13961

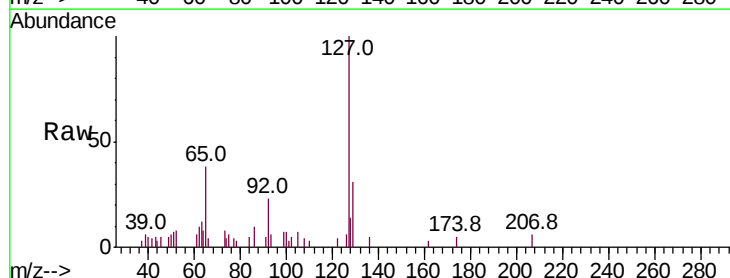
Ion Ratio Lower Upper

127 100

129 31.2 25.7 38.5

65 38.0 25.4 38.2

92 22.9 16.1 24.1

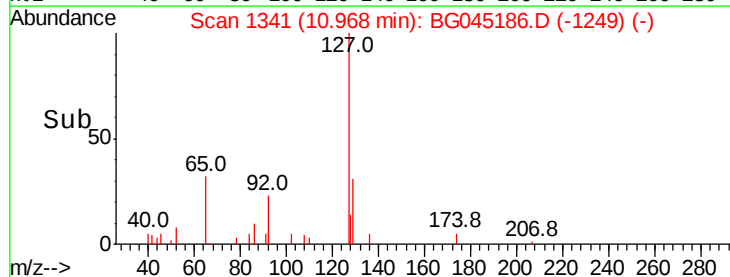
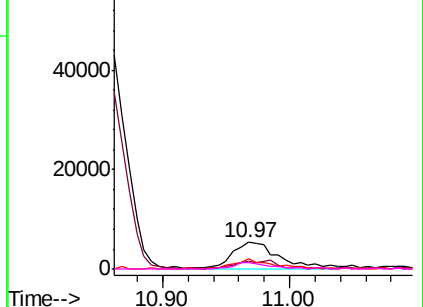


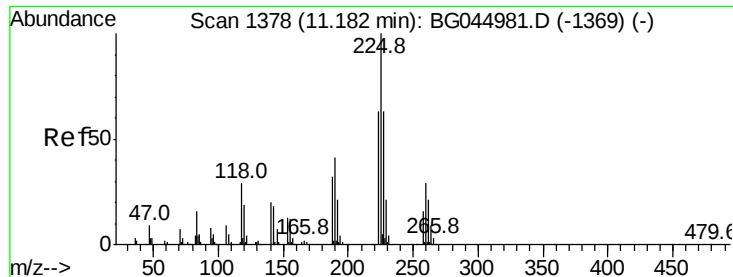
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 46.608 ng

RT: 11.15 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

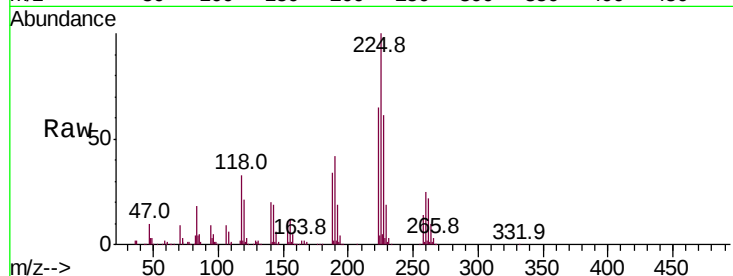
Tot Ion:225 Resp: 158908

Ion Ratio Lower Upper

225 100

223 64.7 50.7 76.1

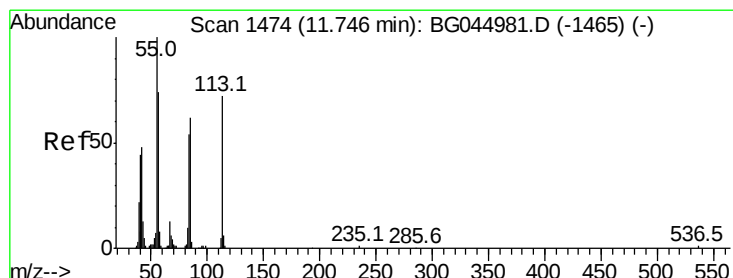
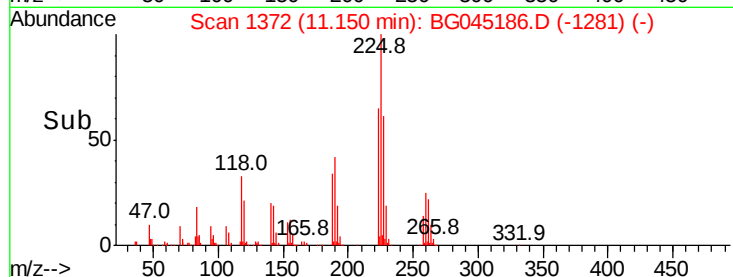
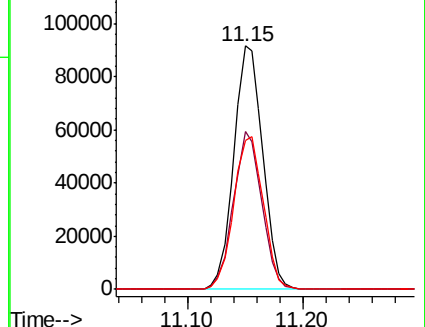
227 61.3 50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 24.607 ng

RT: 11.73 min Scan# 1471

Delta R.T. 0.02 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

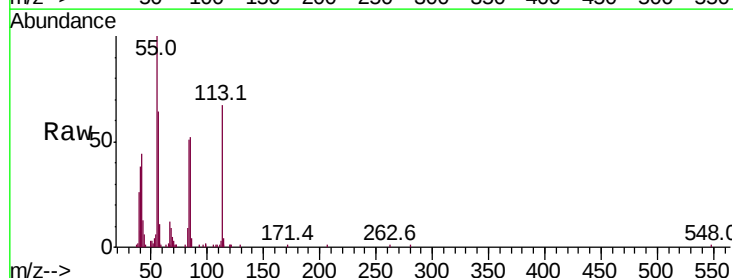
Tgt Ion:113 Resp: 43015

Ion Ratio Lower Upper

113 100

55 148.9 118.8 158.8

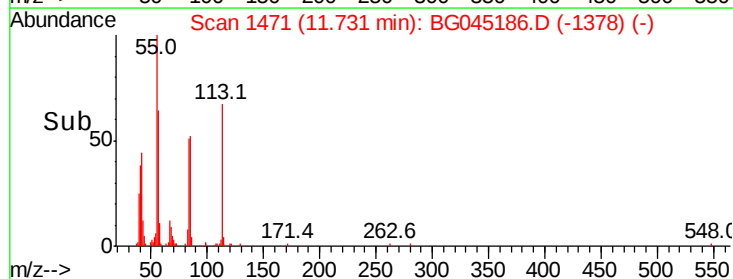
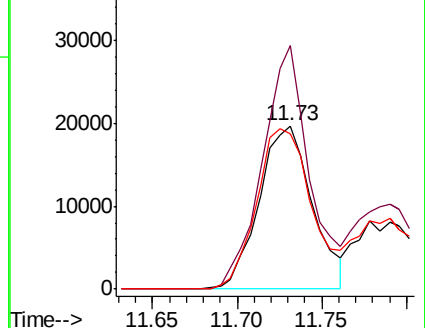
56 95.3 82.6 122.6

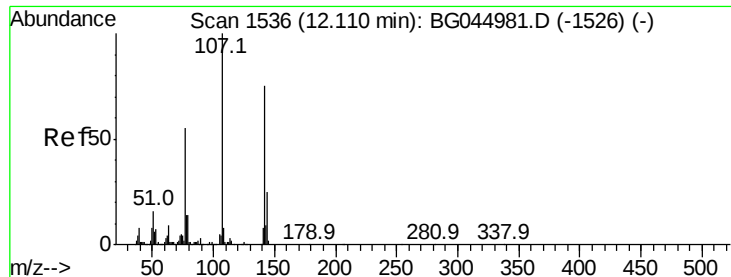


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG

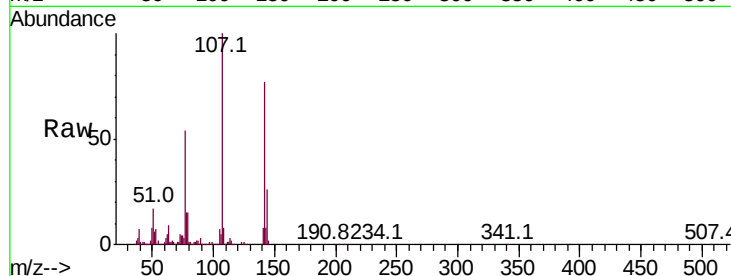




#36
4-Chloro-3-methylphenol
Concen: 50.431 ng
RT: 12.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.1	19.8	29.6
142	76.8	59.7	89.5

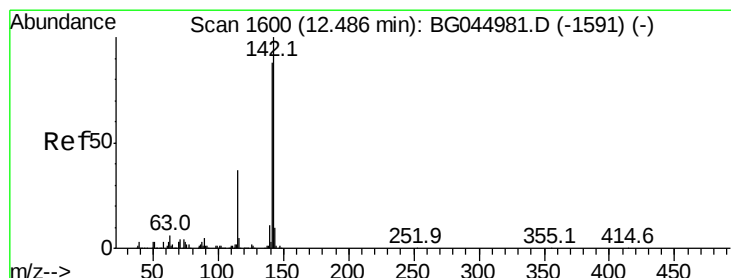
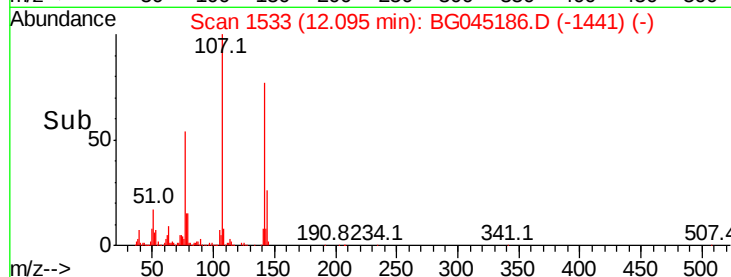
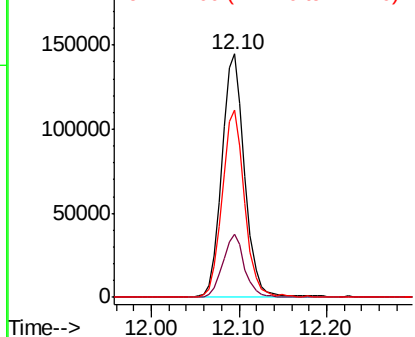


Abundance

Ion 107.00 (106.70 to 107.70): E

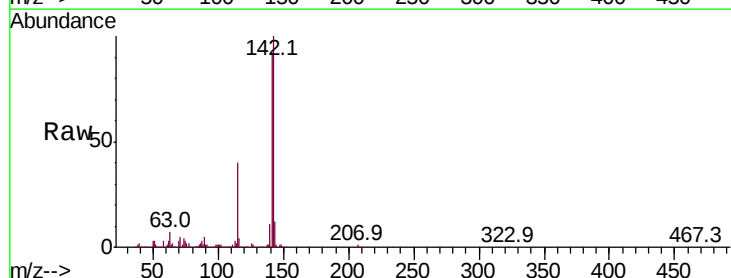
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
2-Methylnaphthalene
Concen: 45.626 ng
RT: 12.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.3	105.5
115	39.9	29.8	44.6

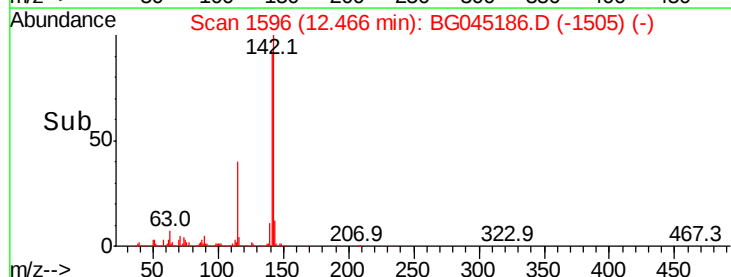
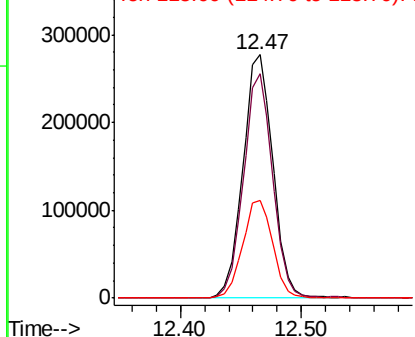


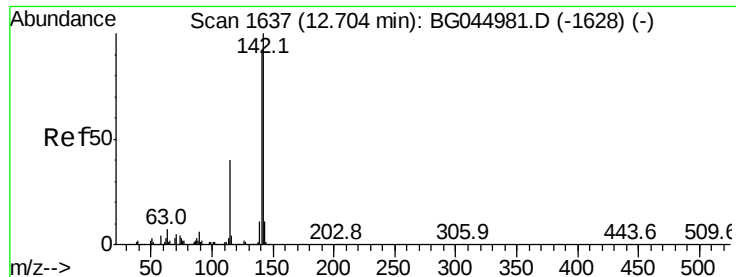
Abundance

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

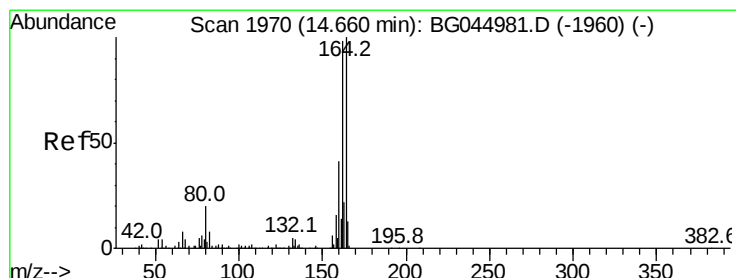
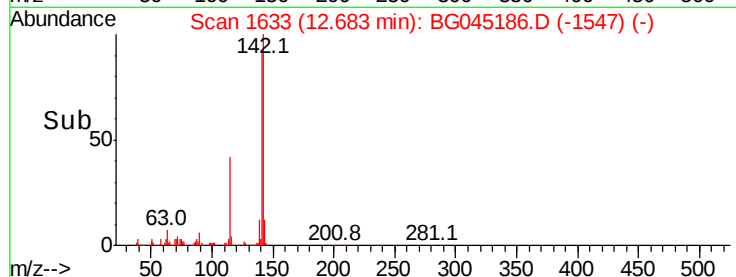
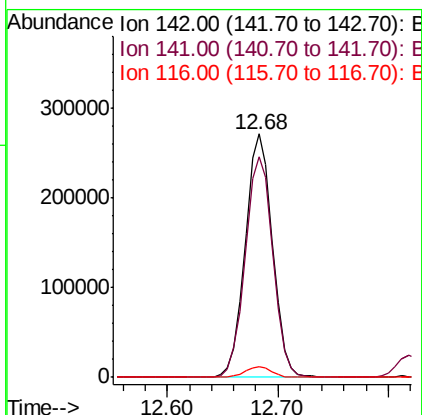
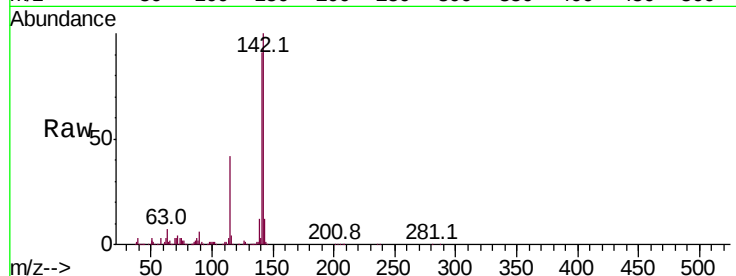




#38
1-Methylnaphthalene
Concen: 47.222 ng
RT: 12.68 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

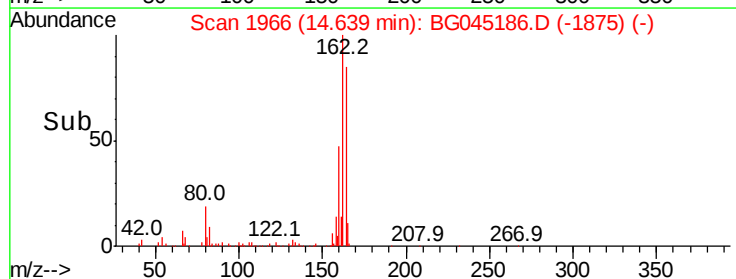
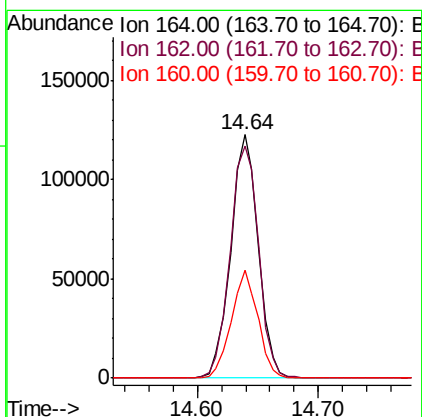
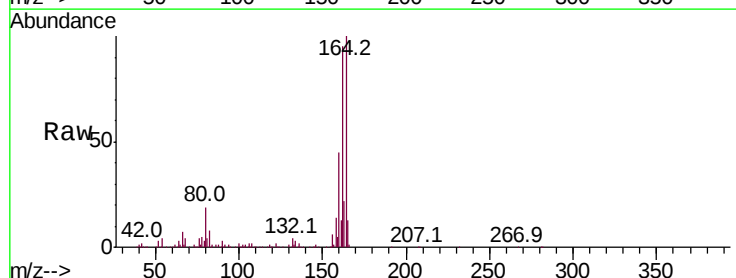
Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

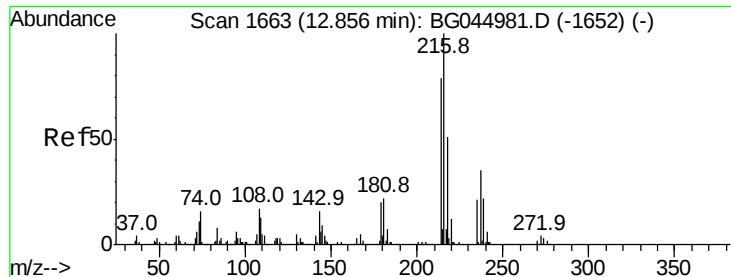
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
116	4.2	3.1	4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.3	78.7	118.1
160	44.5	32.8	49.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.572 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

Tot Ion:216 Resp: 265229

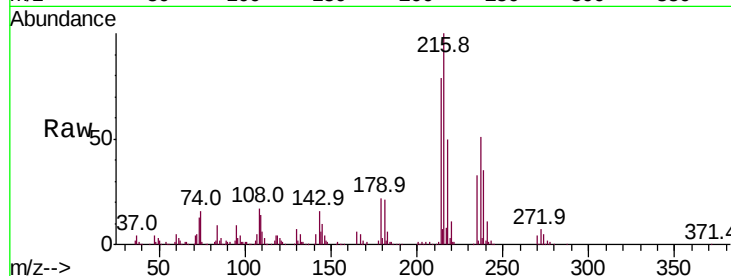
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.6

179 20.6 15.8 23.8

108 19.2 14.2 21.2

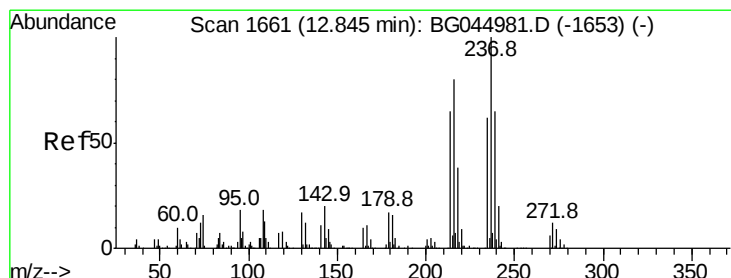
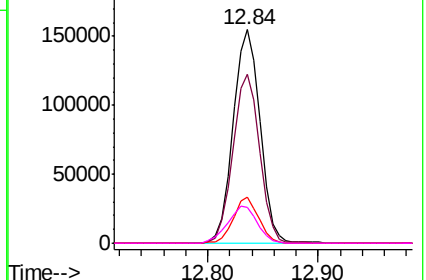
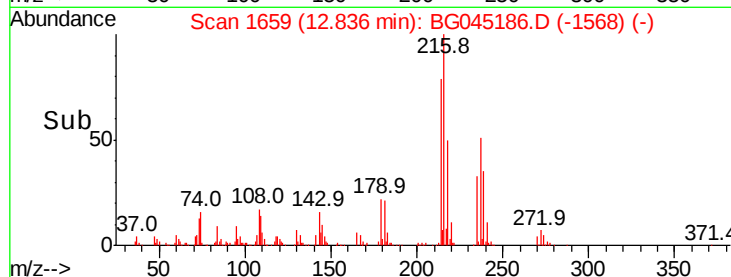


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 97.663 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

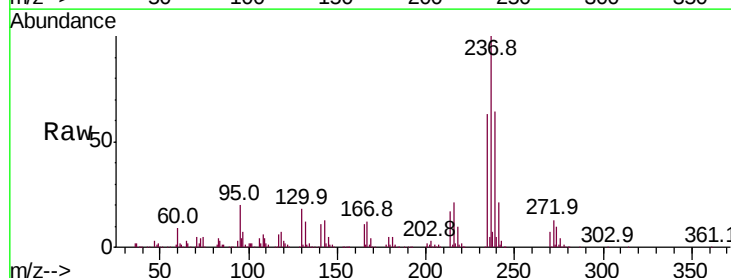
Tgt Ion:237 Resp: 380295

Ion Ratio Lower Upper

237 100

235 63.4 41.6 81.6

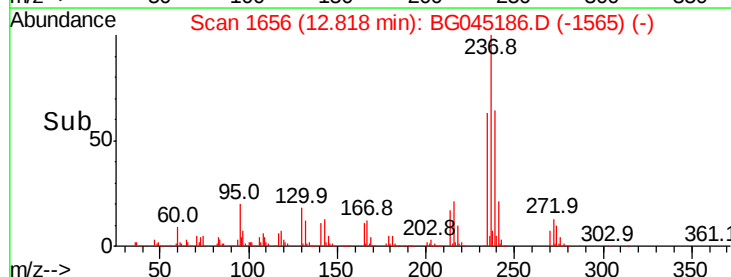
272 12.7 0.0 32.1



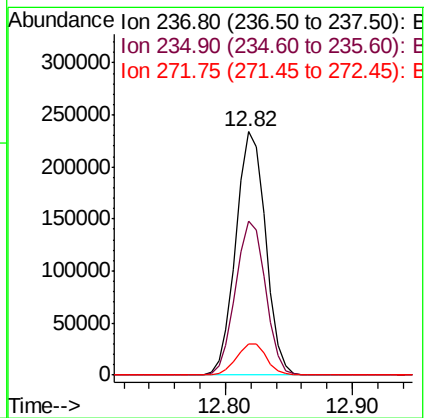
Abundance Ion 236.80 (236.50 to 237.50): E

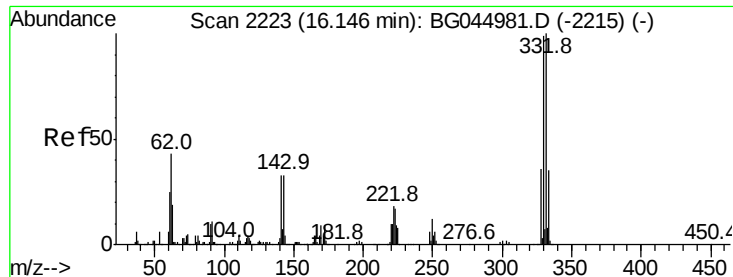
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

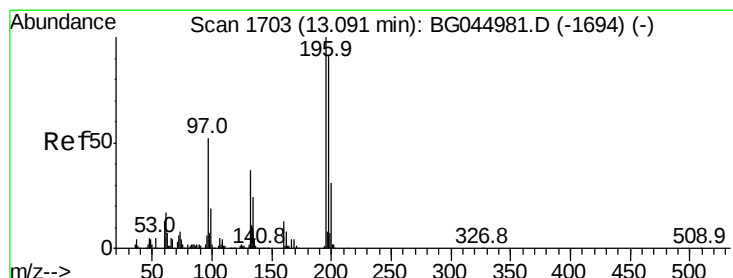
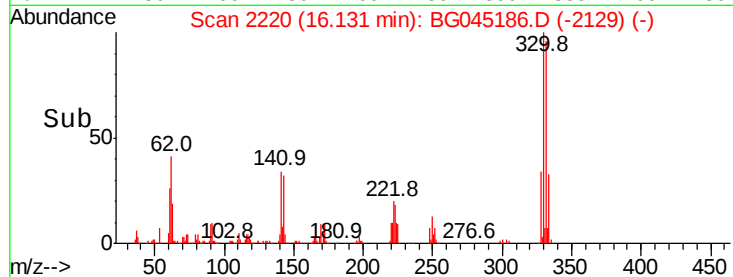
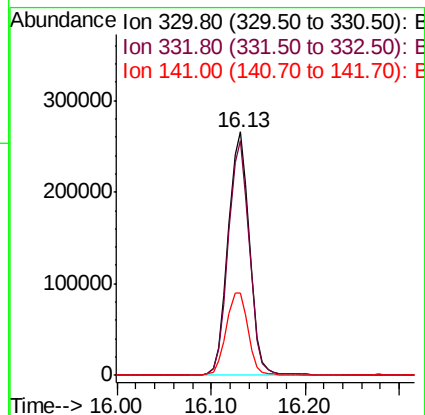
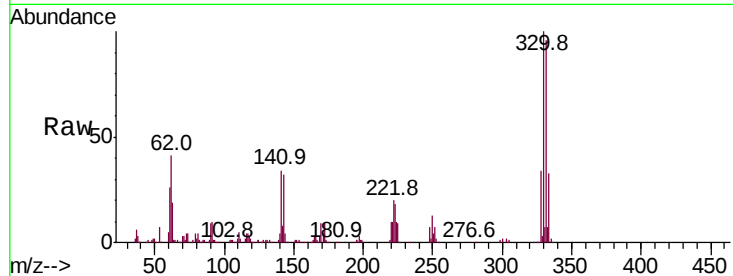




#42
 2,4,6-Tribromophenol
 Concen: 141.055 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: BG045186.D
 Acq: 28 Apr 2020 15:34

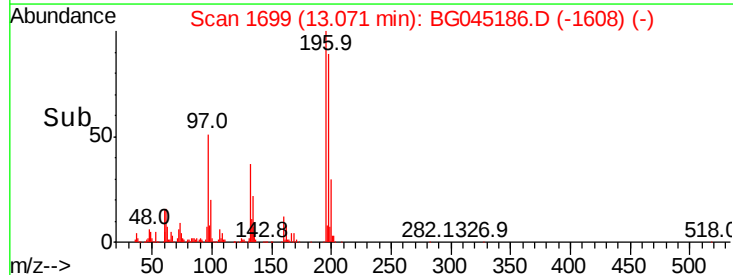
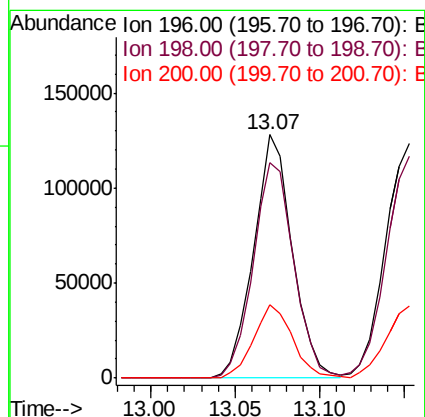
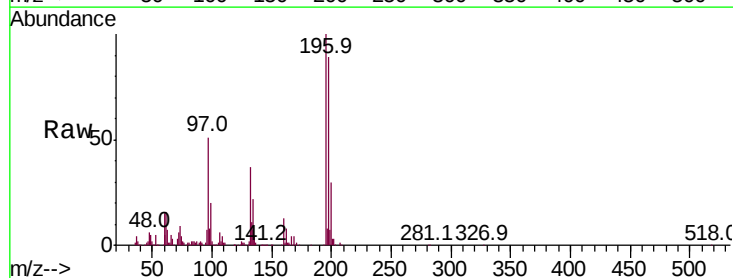
Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMSD

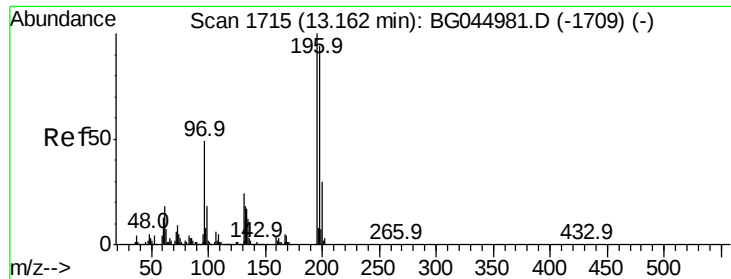
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	79.1	118.7
141	34.8	27.1	40.7



#43
 2,4,6-Trichlorophenol
 Concen: 46.174 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: BG045186.D
 Acq: 28 Apr 2020 15:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	88.7	72.5	108.7
200	30.0	24.5	36.7





#44

2,4,5-Trichlorophenol

Concen: 44.230 ng

RT: 13.15 min Scan# 1713

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

Tot Ion:196 Resp: 221370

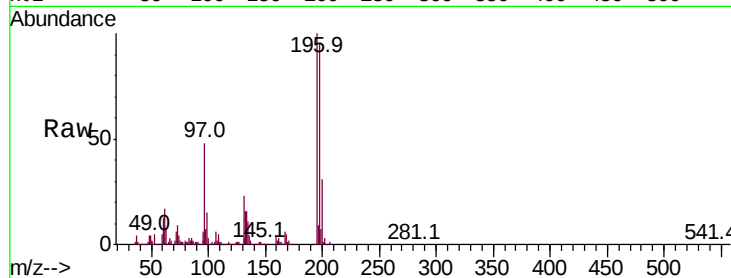
Ion Ratio Lower Upper

196 100

198 94.6 75.7 113.5

97 48.5 39.6 59.4

132 23.3 19.6 29.4

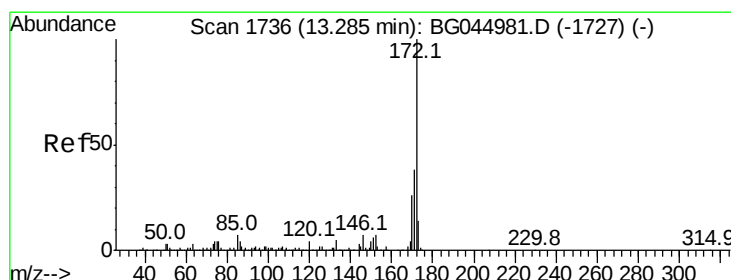
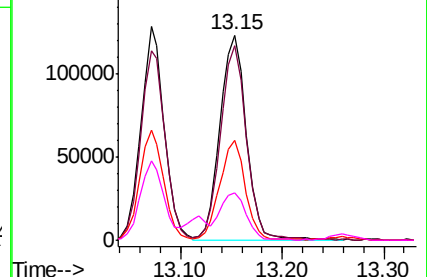
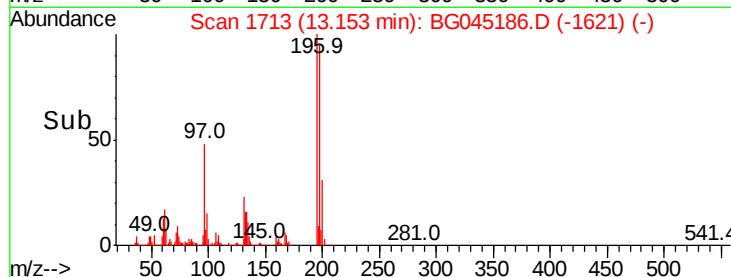


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 86.775 ng

RT: 13.26 min Scan# 1732

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

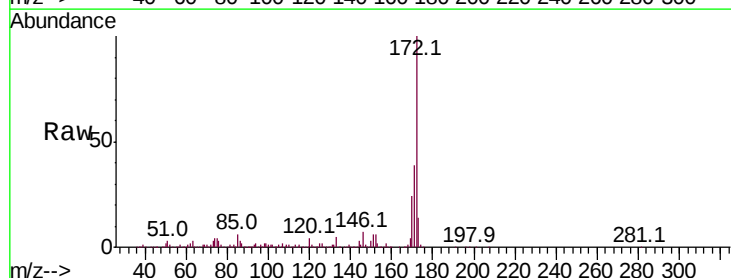
Tgt Ion:172 Resp: 1145106

Ion Ratio Lower Upper

172 100

171 39.2 30.6 46.0

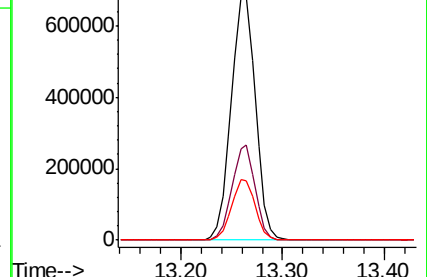
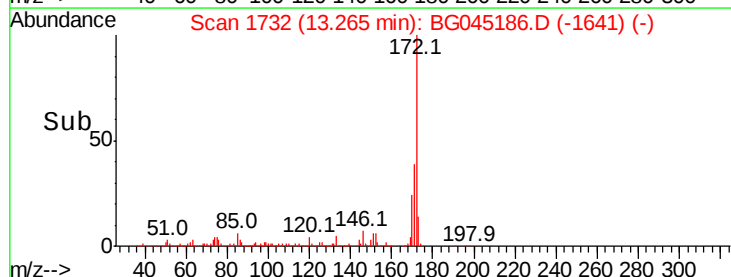
170 24.5 20.5 30.7

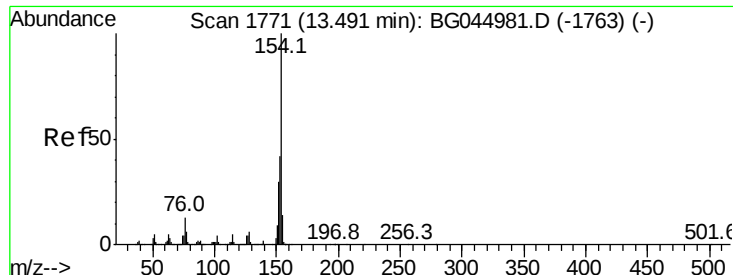


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 42.457 ng

RT: 13.47 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

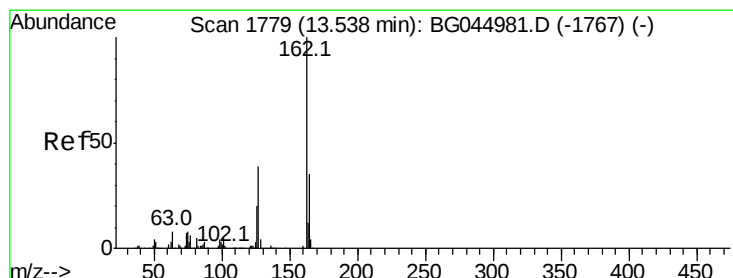
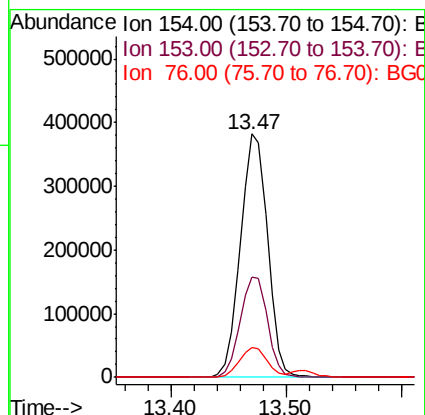
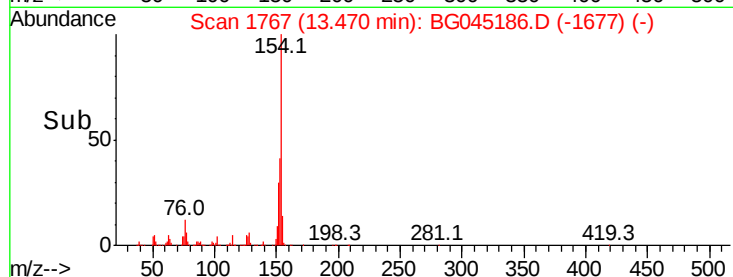
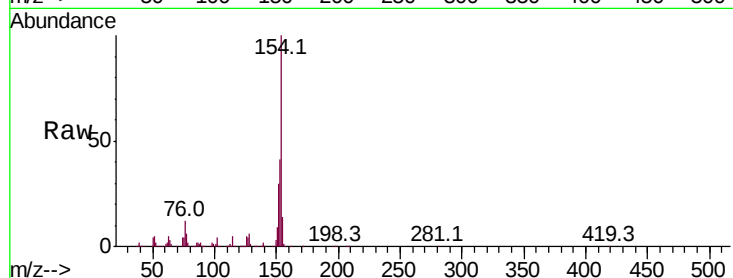
Tot Ion:154 Resp: 624433

Ion Ratio Lower Upper

154 100

153 41.2 21.9 61.9

76 12.2 0.0 33.1



#47

2-Chloronaphthalene

Concen: 43.394 ng

RT: 13.52 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

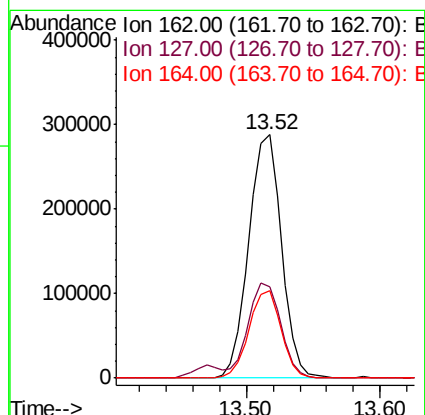
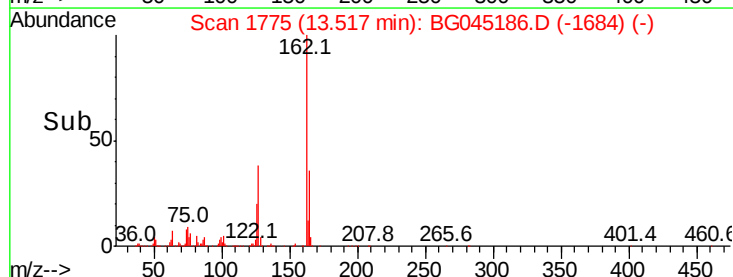
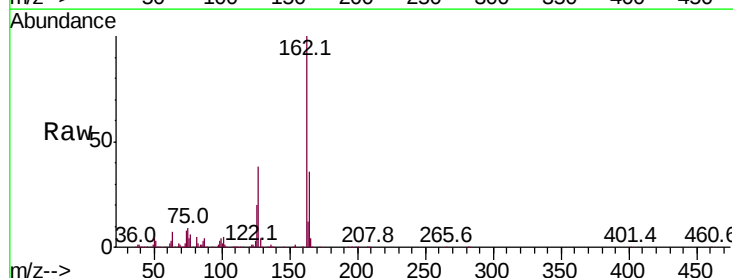
Tgt Ion:162 Resp: 487659

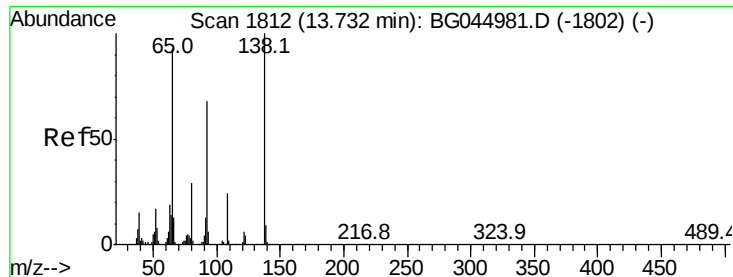
Ion Ratio Lower Upper

162 100

127 37.6 31.3 46.9

164 36.1 27.8 41.8

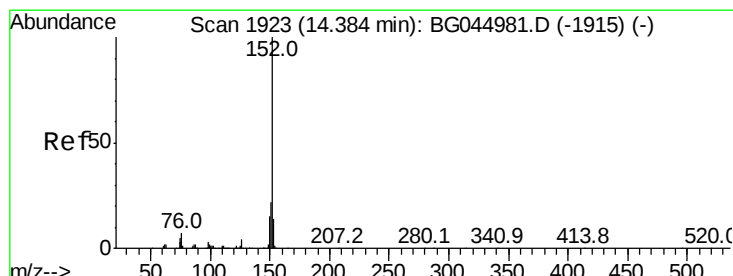
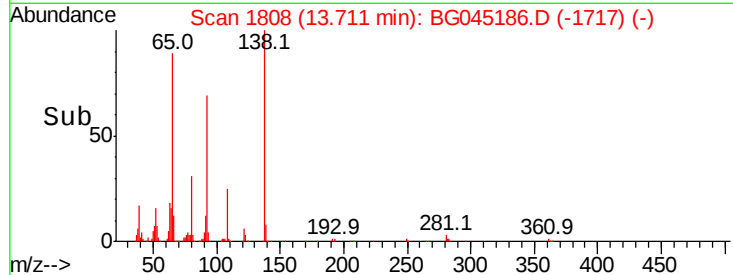
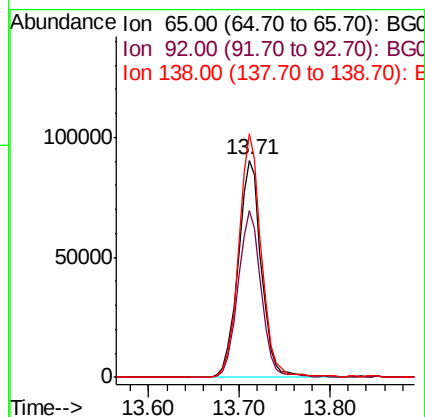
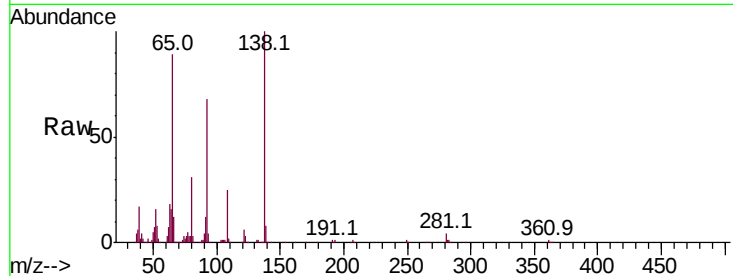




#48
2-Nitroaniline
Concen: 43.795 ng
RT: 13.71 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

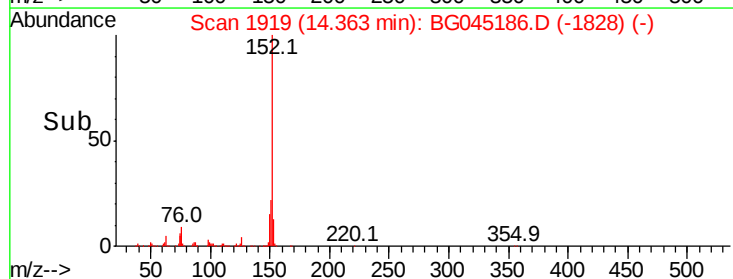
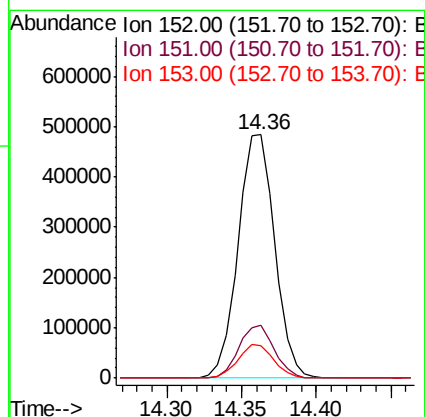
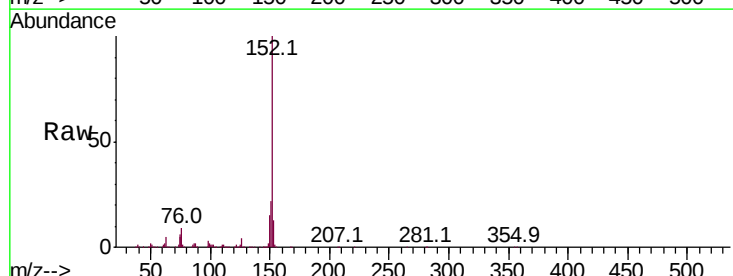
Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

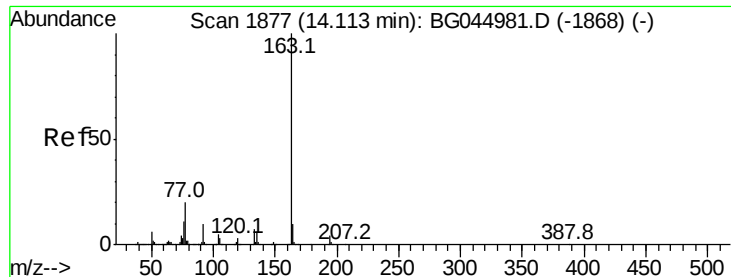
Tot Ion: 65 Resp: 161930
Ion Ratio Lower Upper
65 100
92 76.7 58.3 87.5
138 112.1 85.6 128.4



#49
Acenaphthylene
Concen: 44.674 ng
RT: 14.36 min Scan# 1919
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Tgt Ion: 152 Resp: 817745
Ion Ratio Lower Upper
152 100
151 22.0 17.2 25.8
153 13.2 11.0 16.4





#50

Dimethylphthalate

Concen: 46.130 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

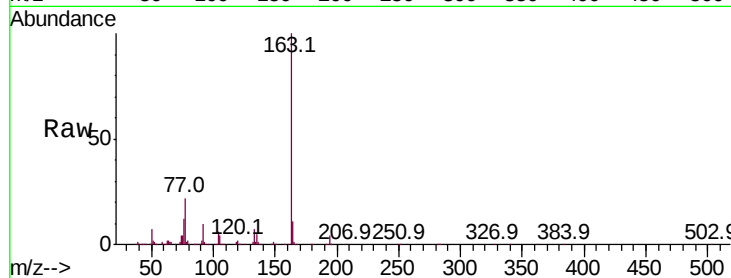
Tot Ion:163 Resp: 726807

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

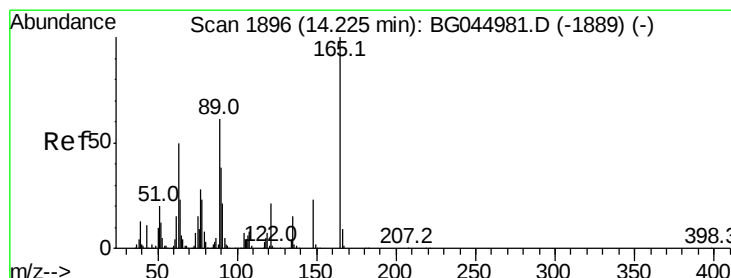
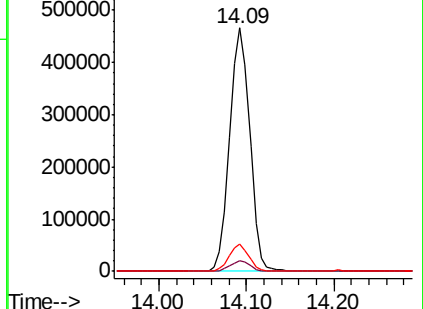
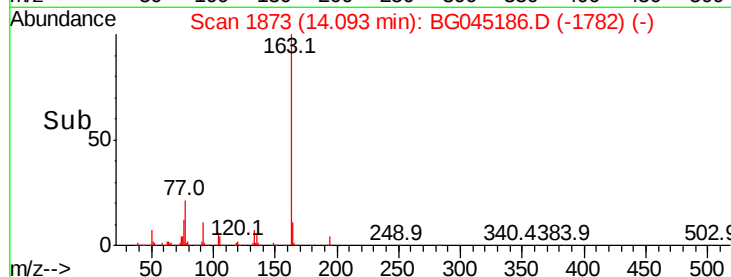
164 11.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 46.979 ng

RT: 14.20 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

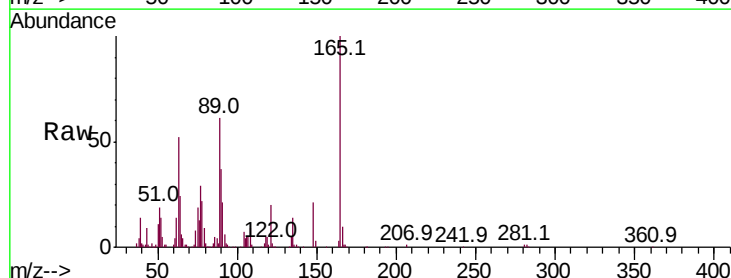
Tgt Ion:165 Resp: 165556

Ion Ratio Lower Upper

165 100

63 52.4 40.4 60.6

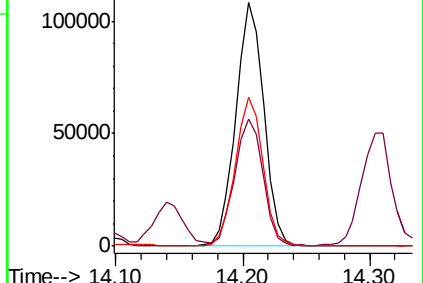
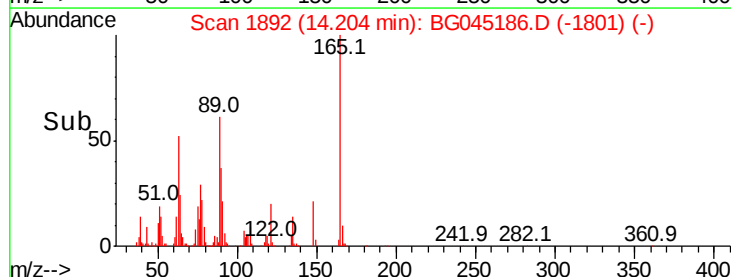
89 61.1 49.1 73.7

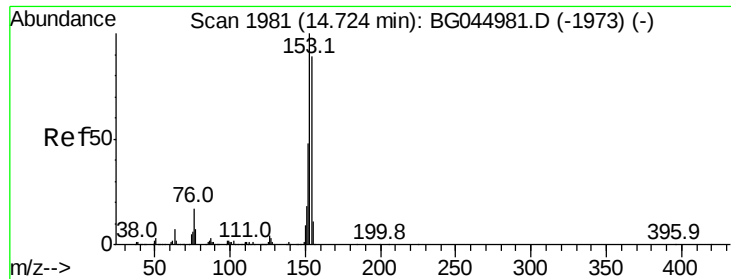


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 41.268 ng

RT: 14.70 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

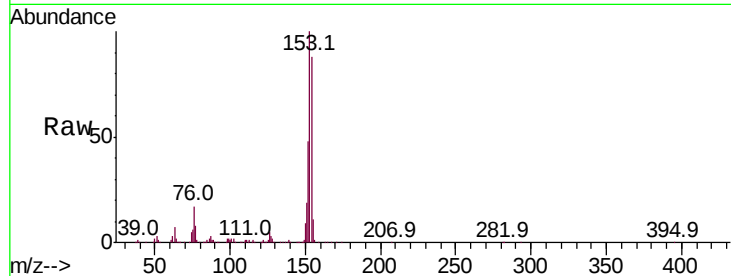
Tot Ion:154 Resp: 511108

Ion Ratio Lower Upper

154 100

153 113.3 89.7 134.5

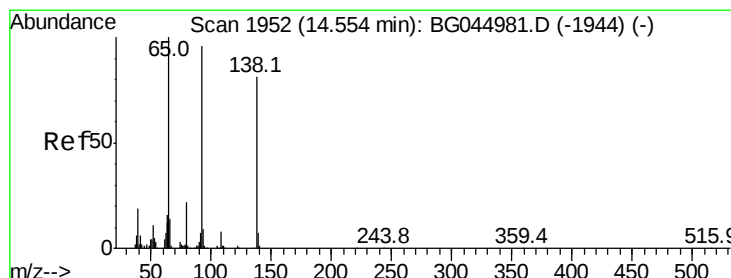
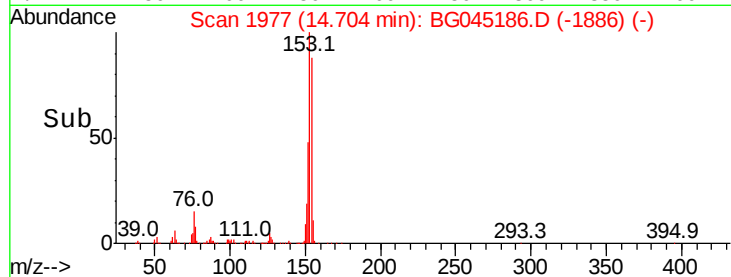
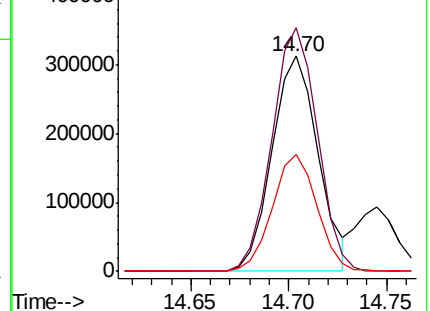
152 54.4 43.1 64.7



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: 9.426 ng

RT: 14.53 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

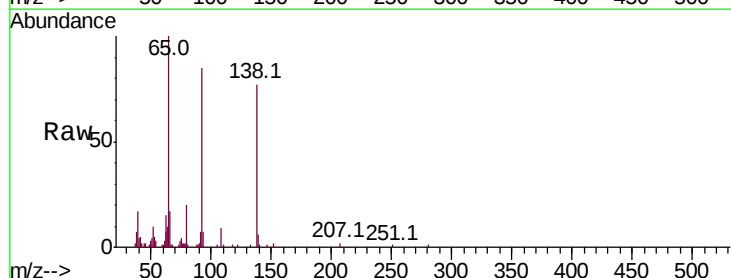
Tgt Ion:138 Resp: 36432

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.8

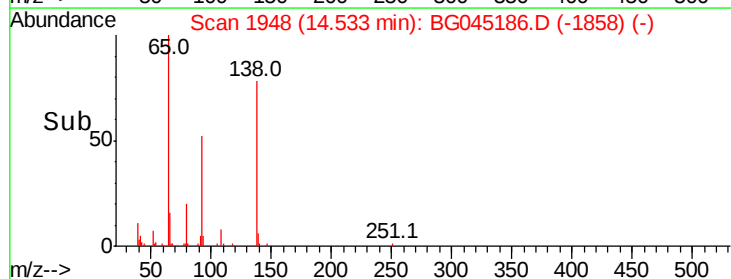
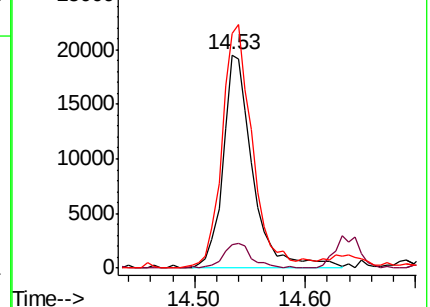
92 110.4 94.5 141.7

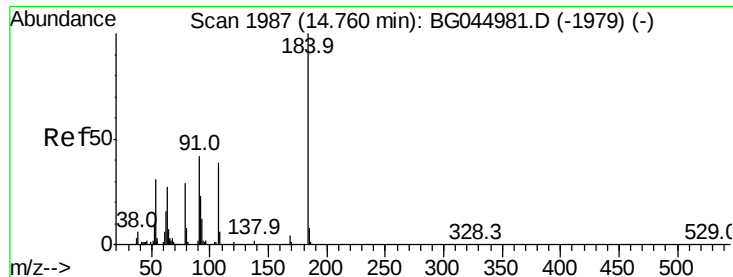


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

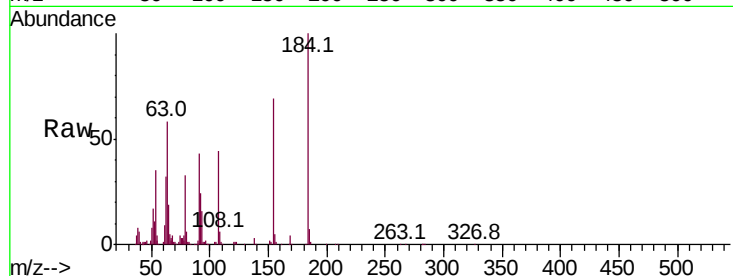




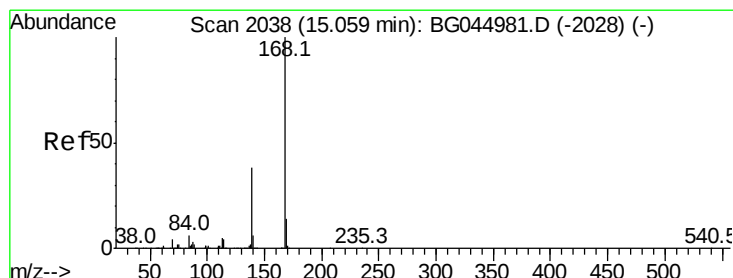
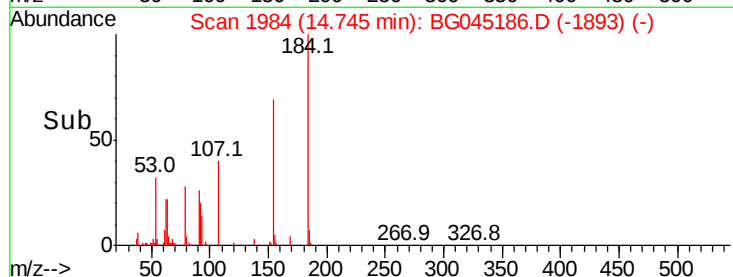
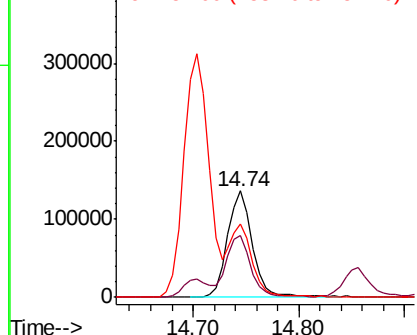
#54
2,4-Dinitrophenol
Concen: 106.328 ng
RT: 14.74 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

Tot Ion:184 Resp: 222813
Ion Ratio Lower Upper
184 100
63 58.1 41.5 62.3
154 69.2 52.3 78.5

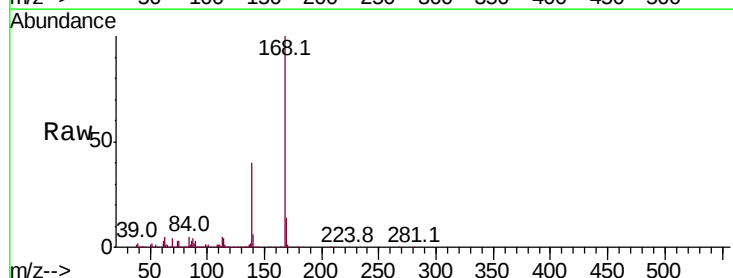


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

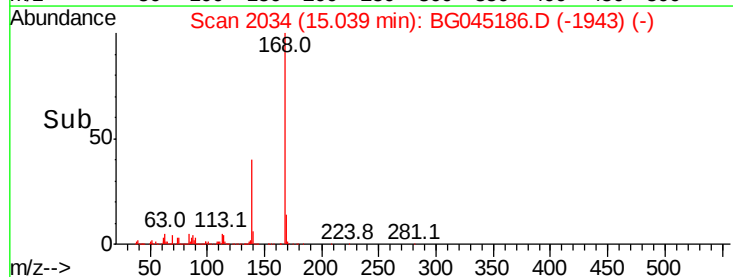
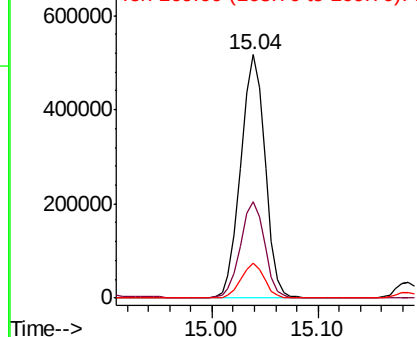


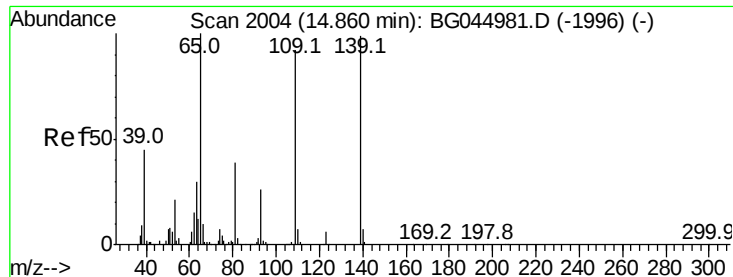
#55
Dibenzofuran
Concen: 45.535 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Tgt Ion:168 Resp: 822198
Ion Ratio Lower Upper
168 100
139 39.7 30.4 45.6
169 14.4 11.0 16.4



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: 77.461 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

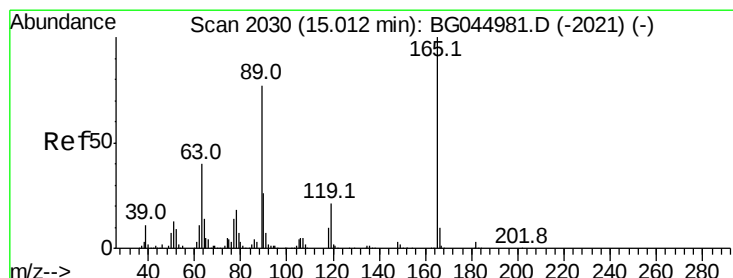
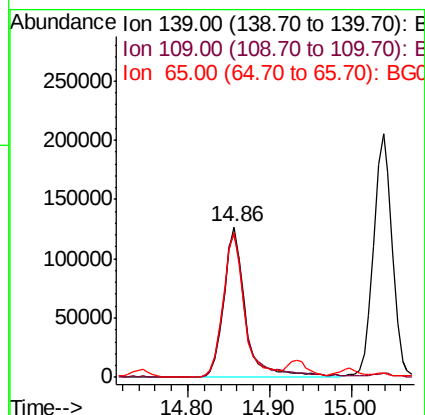
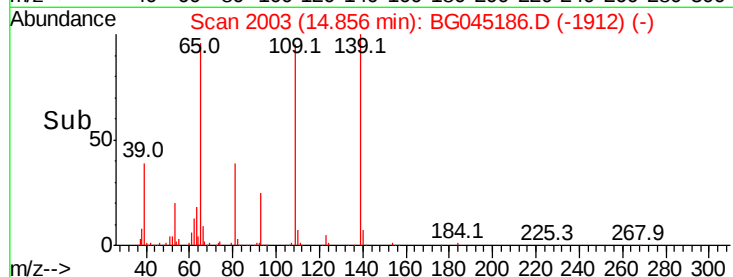
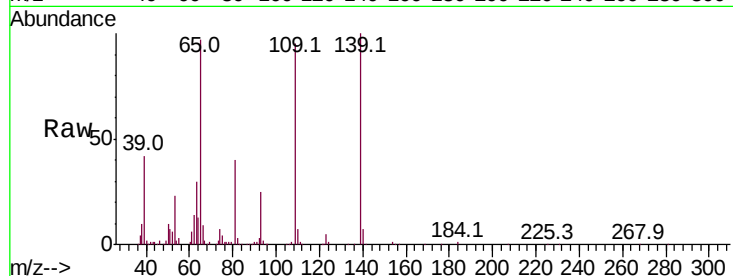
Tot Ion:139 Resp: 232139

Ion Ratio Lower Upper

139 100

109 94.8 73.6 113.6

65 96.8 81.2 121.2



#57

2,4-Dinitrotoluene

Concen: 47.005 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Tgt Ion:165 Resp: 242080

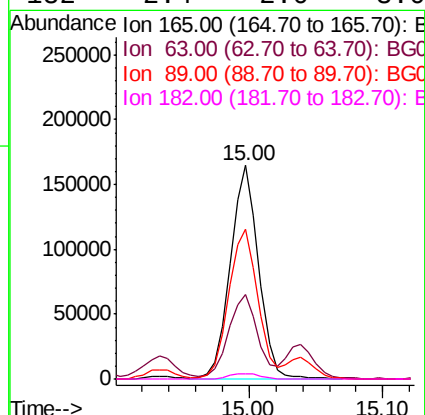
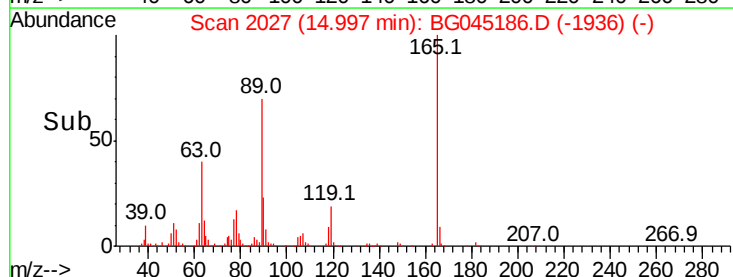
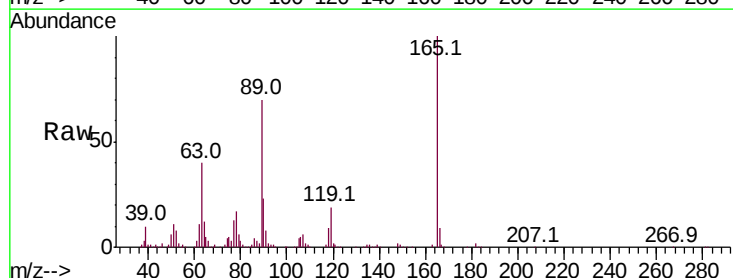
Ion Ratio Lower Upper

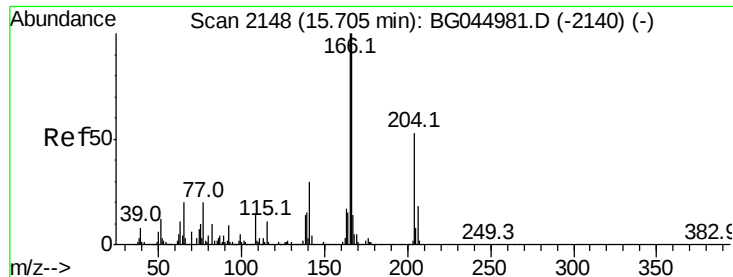
165 100

63 39.7 32.2 48.2

89 70.4 61.7 92.5

182 2.4 2.0 3.0





#58

Fluorene

Concen: 47.178 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

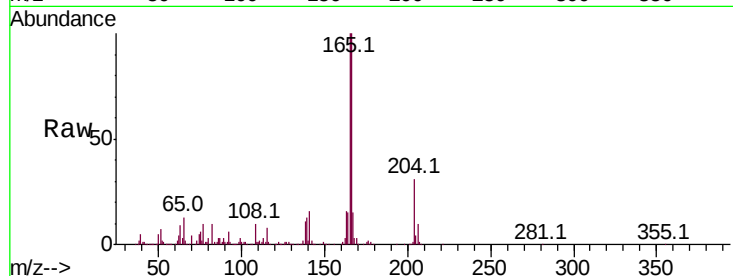
Tot Ion:166 Resp: 695813

Ion Ratio Lower Upper

166 100

165 100.5 79.9 119.9

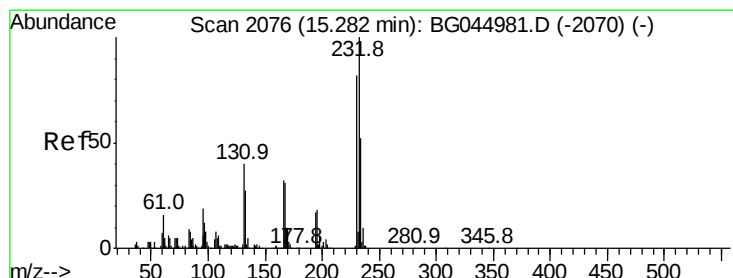
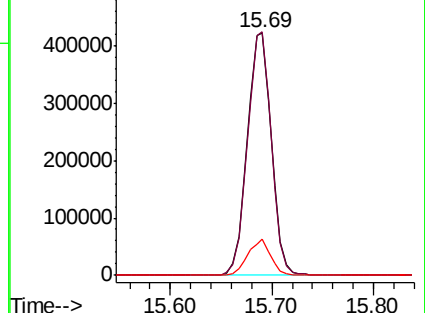
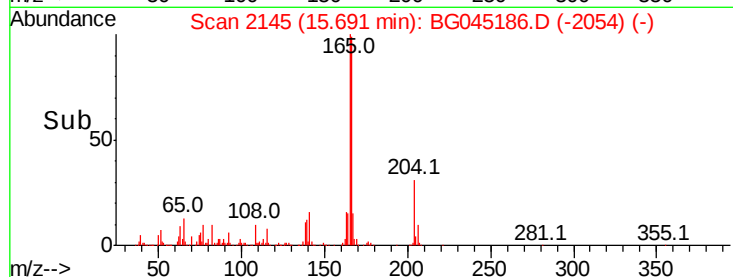
167 14.9 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 49.700 ng

RT: 15.27 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Tgt Ion:232 Resp: 221332

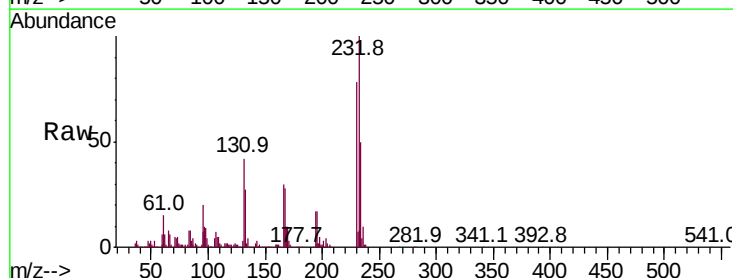
Ion Ratio Lower Upper

232 100

131 40.4 32.2 48.2

130 2.6 2.2 3.2

166 28.4 24.2 36.4

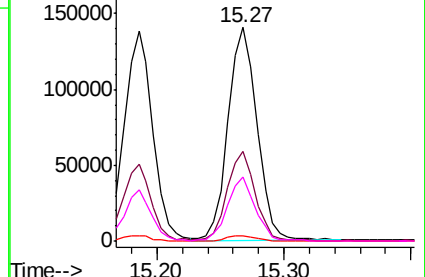
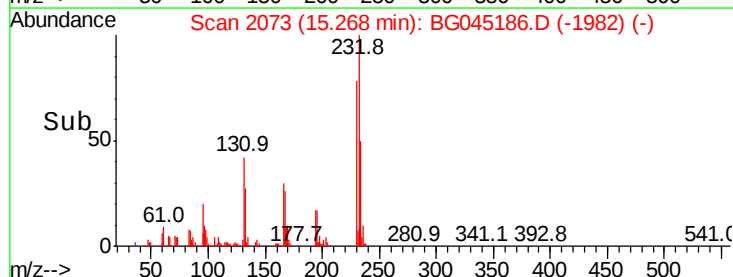


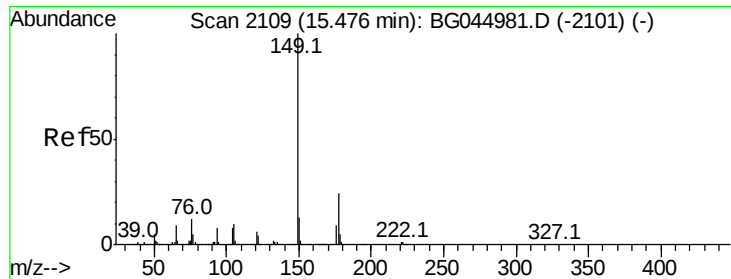
Abundance Ion 232.00 (231.70 to 232.70): E

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

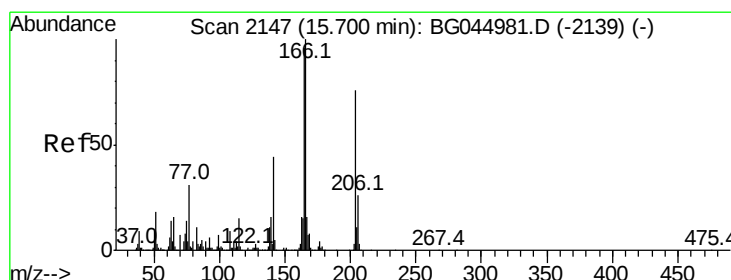
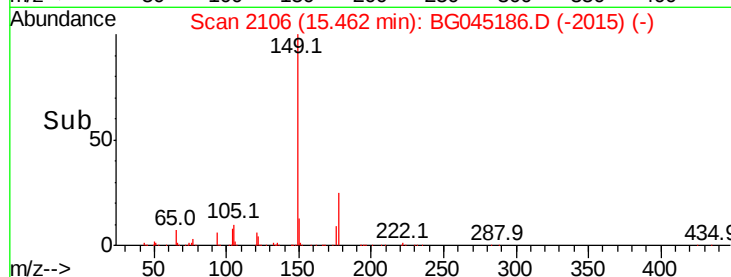
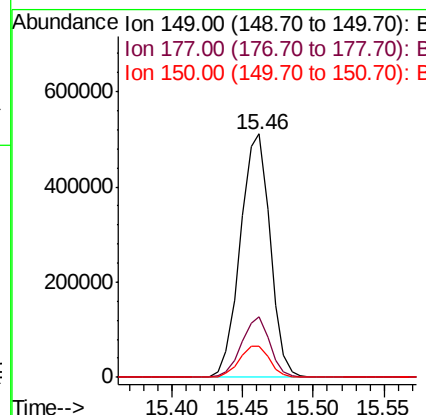
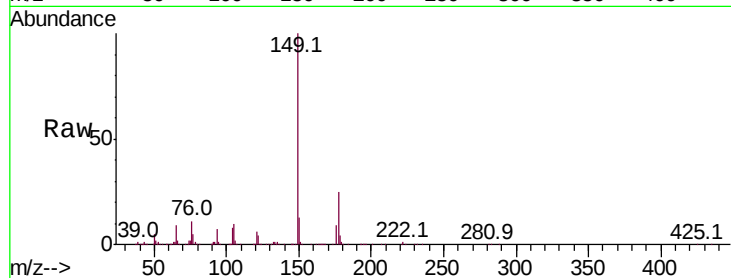




#60
Diethylphthalate
Concen: 45.849 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

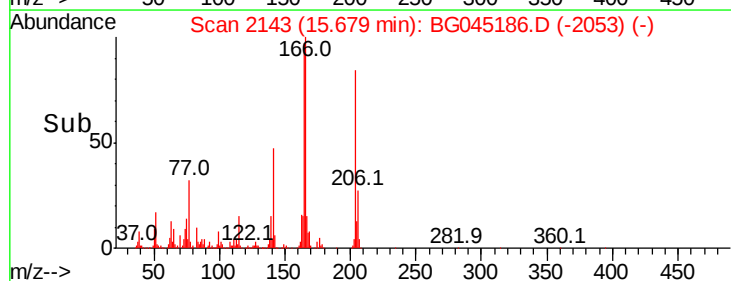
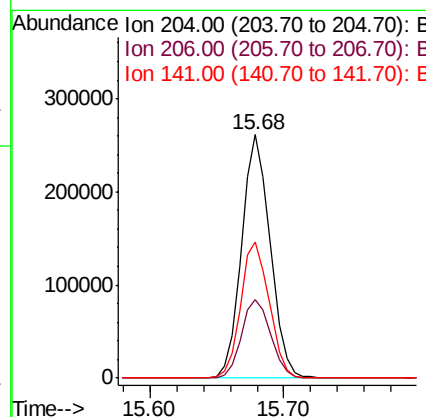
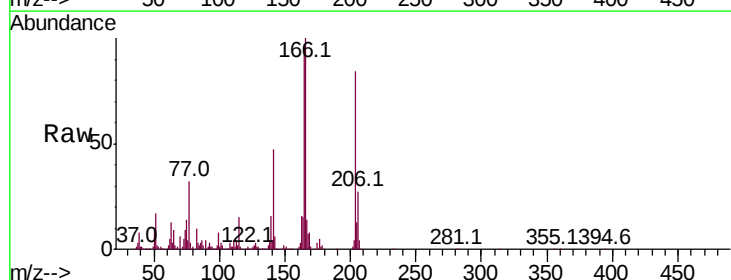
Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

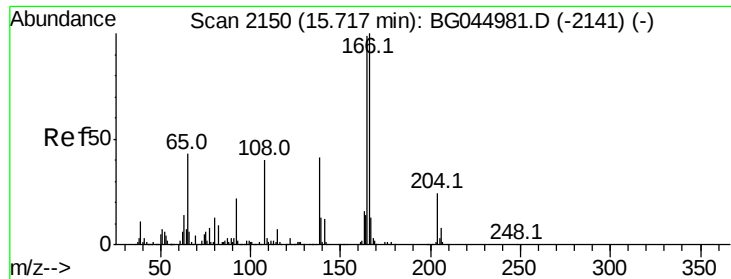
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.9	28.3
150	12.9	10.6	15.8



#61
4-Chlorophenyl-phenylether
Concen: 45.451 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.9	40.3
141	56.0	46.3	69.5





#62

4-Nitroaniline

Concen: 32.886 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

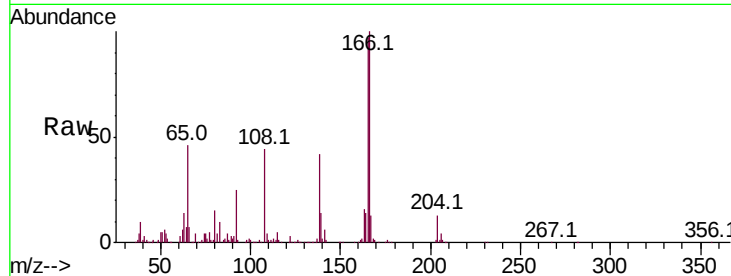
Tot Ion:138 Resp: 131837

Ion Ratio Lower Upper

138 100

92 60.1 33.6 73.6

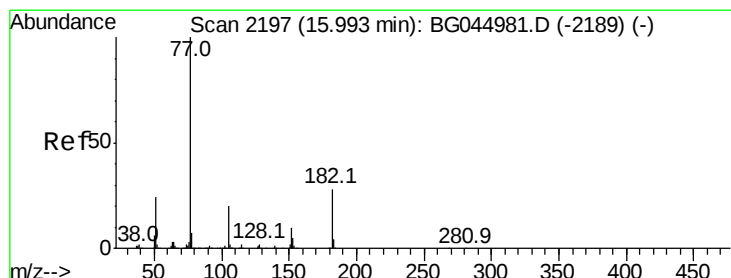
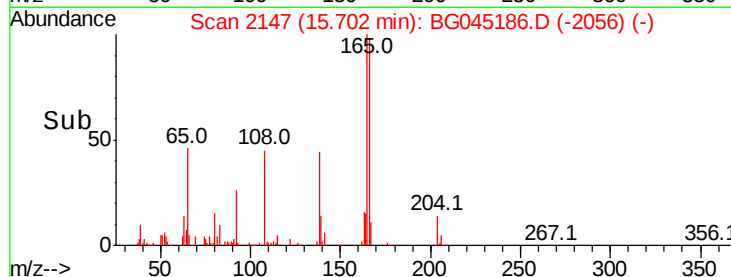
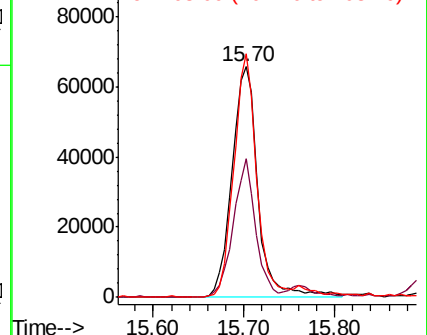
108 105.8 78.2 118.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 46.048 ng

RT: 15.97 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Tgt Ion: 77 Resp: 697390

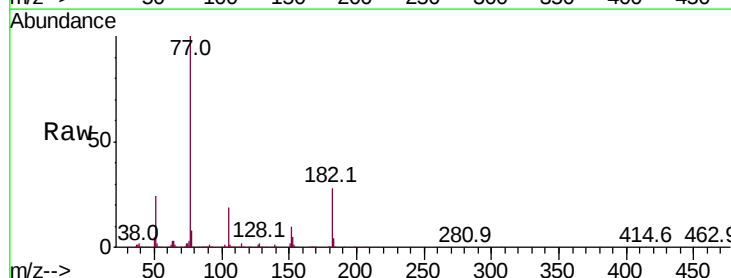
Ion Ratio Lower Upper

77 100

182 28.3 8.4 48.4

105 19.2 0.5 40.5

51 23.7 4.4 44.4

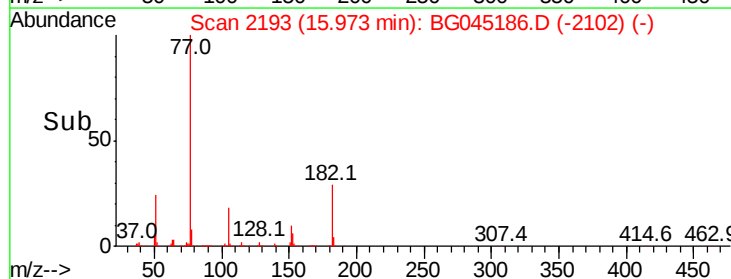
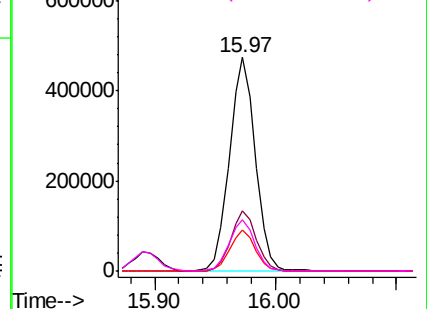


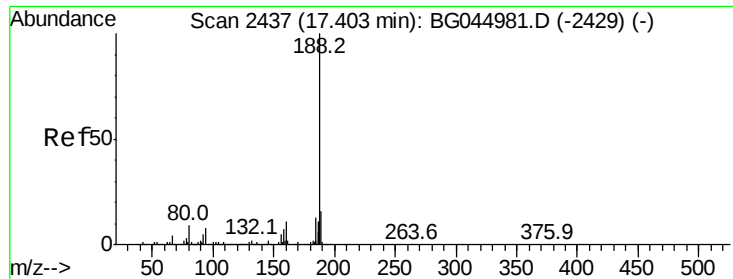
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

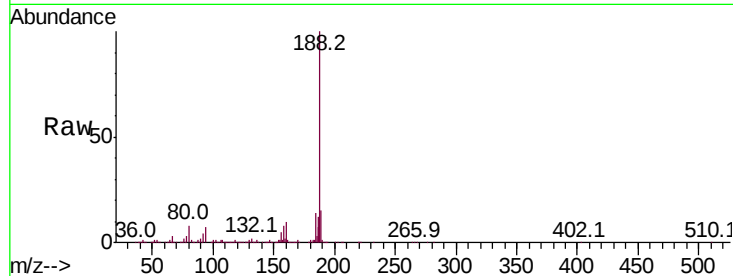
Tot Ion:188 Resp: 491624

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

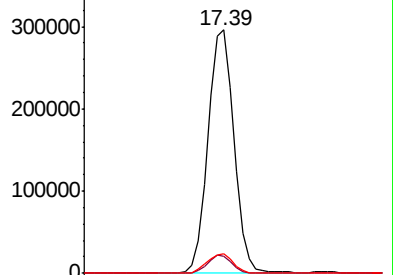
80 8.0 7.0 10.6



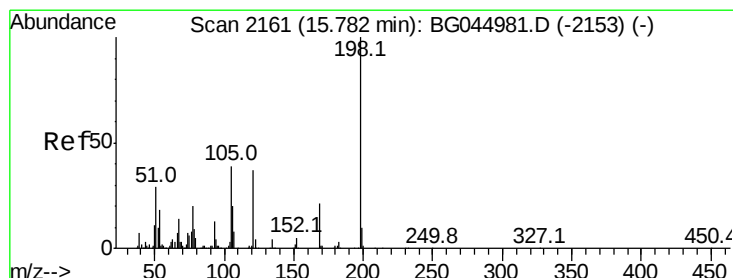
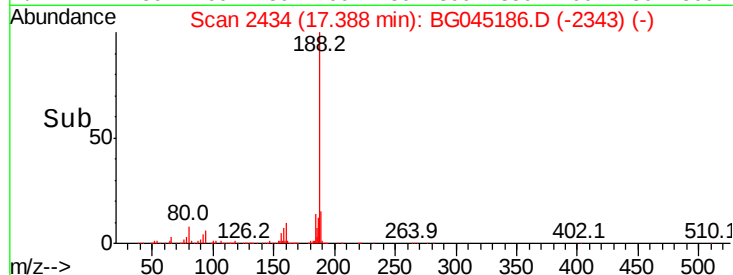
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 50.679 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

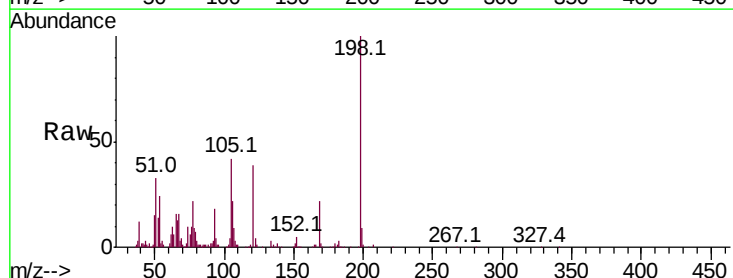
Tgt Ion:198 Resp: 163767

Ion Ratio Lower Upper

198 100

51 33.4 10.0 50.0

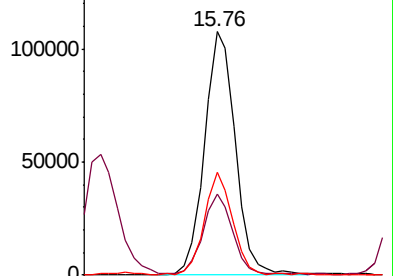
105 42.2 18.9 58.9



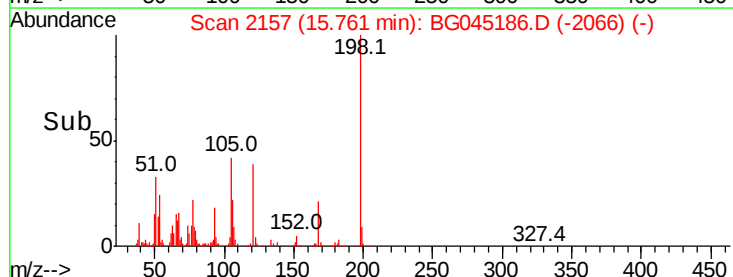
Abundance Ion 198.00 (197.70 to 198.70): E

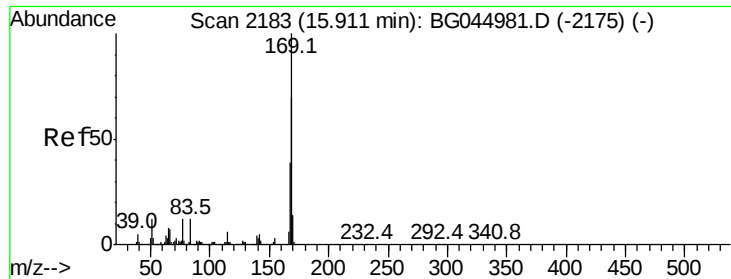
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->

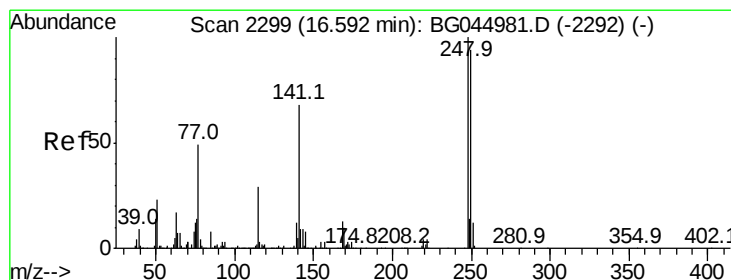
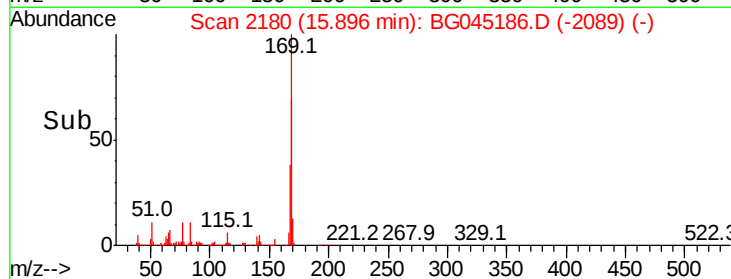
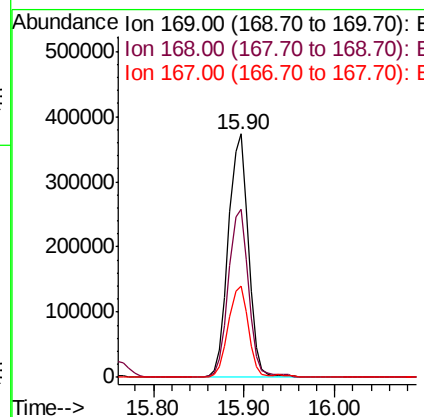
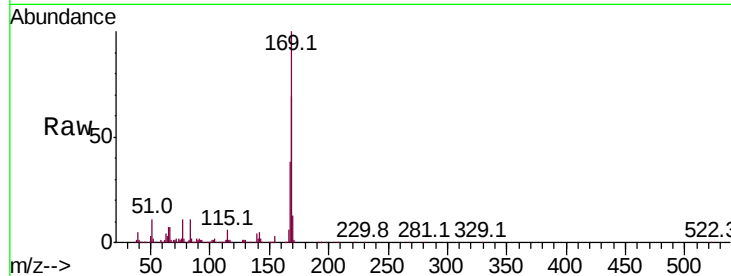




#66
 n-Nitrosodiphenylamine
 Concen: 40.554 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: BG045186.D
 Acq: 28 Apr 2020 15:34

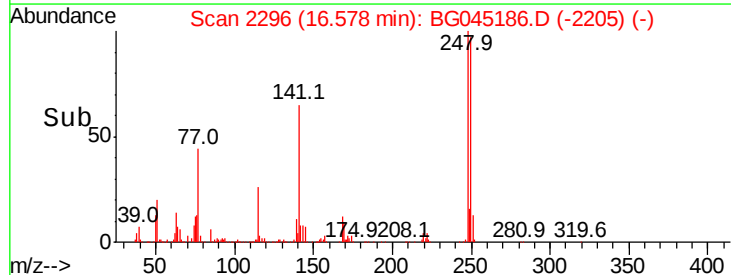
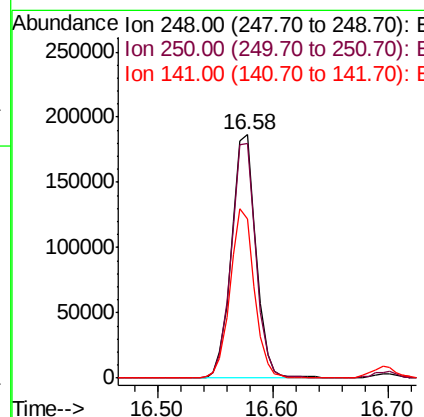
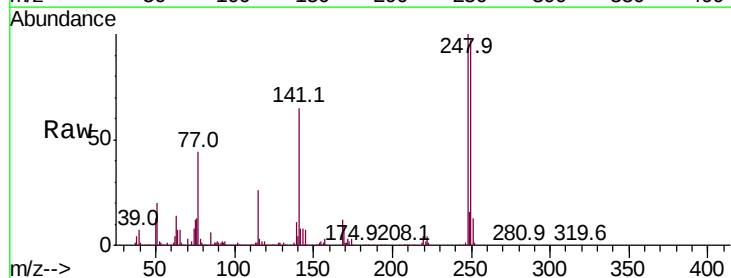
Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMSD

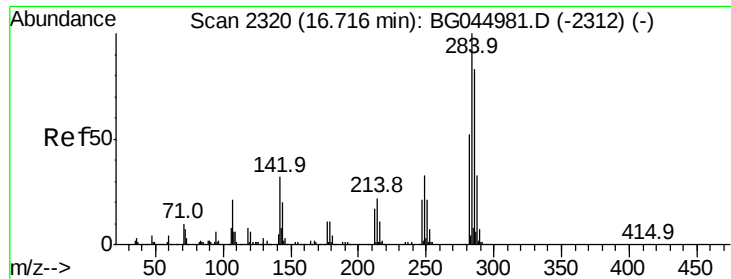
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.8	83.8
167	37.6	30.8	46.2



#67
 4-Bromophenyl-phenylether
 Concen: 43.187 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. 0.01 min
 Lab File: BG045186.D
 Acq: 28 Apr 2020 15:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	75.4	113.2
141	65.2	54.4	81.6

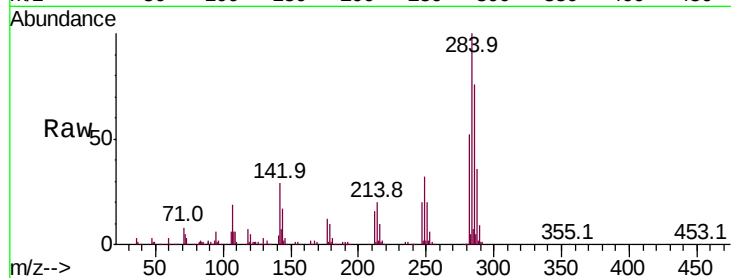




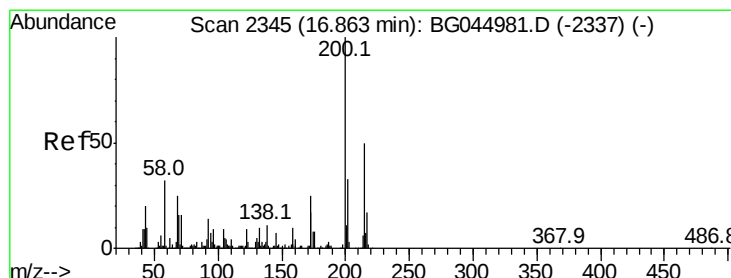
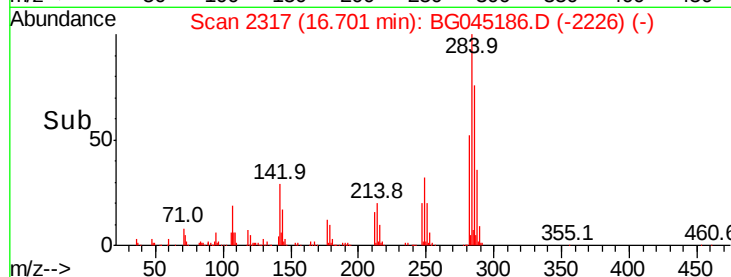
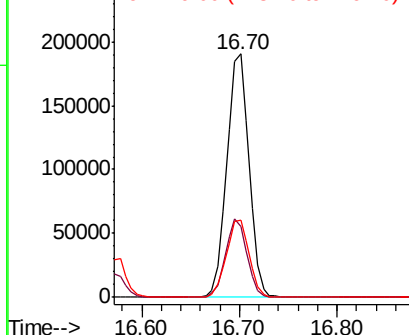
#68
Hexachlorobenzene
Concen: 45.607 ng
RT: 16.70 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.0	25.8	38.6
249	31.6	26.6	39.8

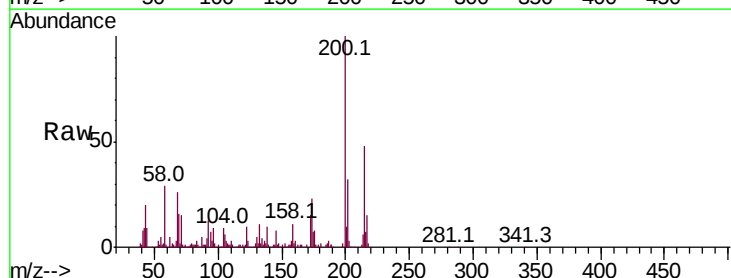


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

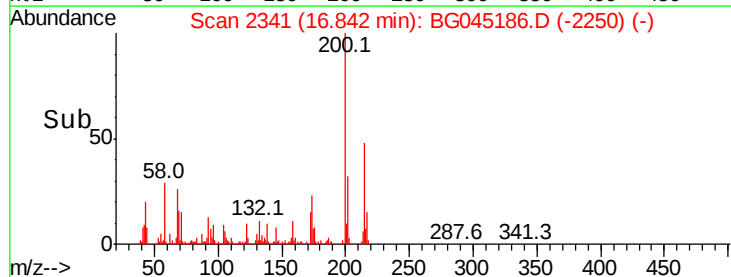
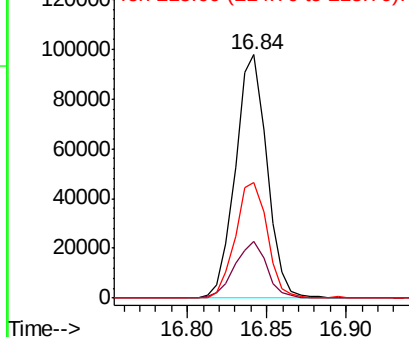


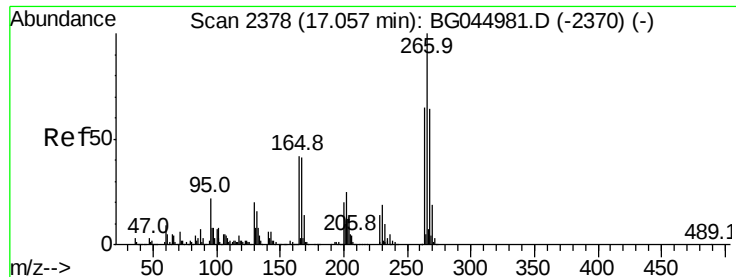
#69
Atrazine
Concen: 23.967 ng
RT: 16.84 min Scan# 2341
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.4	4.5	44.5
215	47.7	30.0	70.0



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: 90.710 ng

RT: 17.04 min Scan# 2375

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

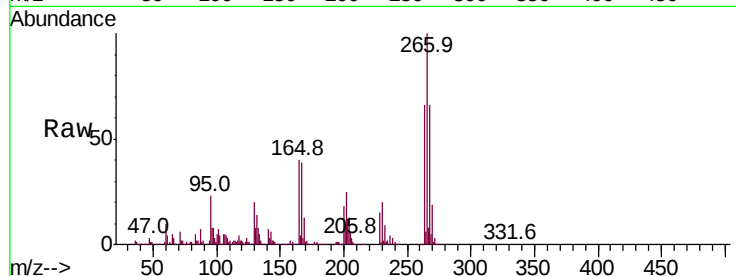
Tot Ion:266 Resp: 366033

Ion Ratio Lower Upper

266 100

268 65.9 51.5 77.3

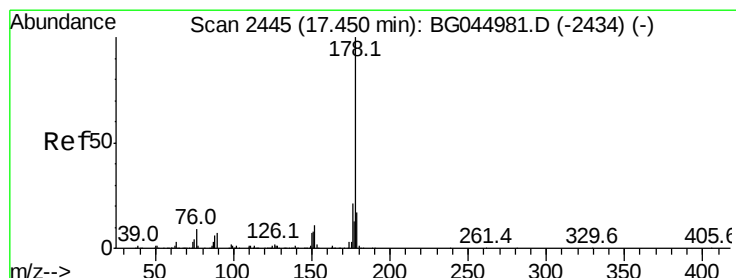
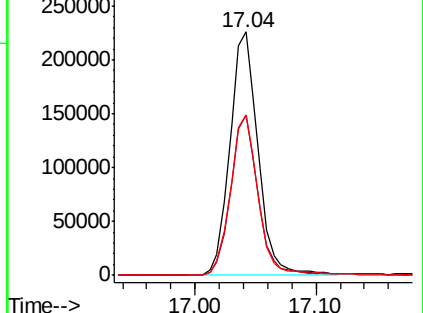
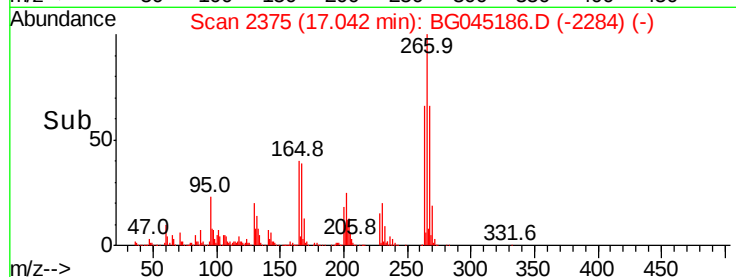
264 66.0 52.2 78.4



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: 45.623 ng

RT: 17.43 min Scan# 2441

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

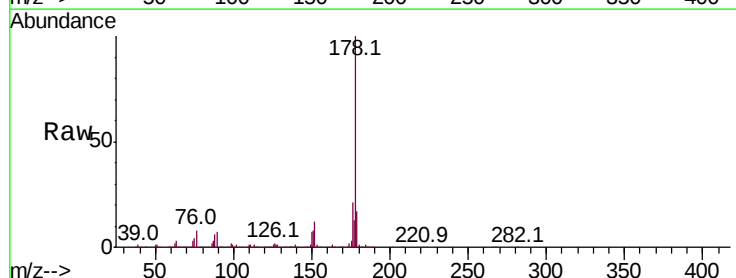
Tgt Ion:178 Resp: 1152575

Ion Ratio Lower Upper

178 100

176 21.3 16.8 25.2

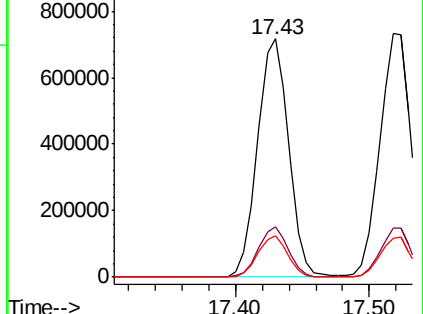
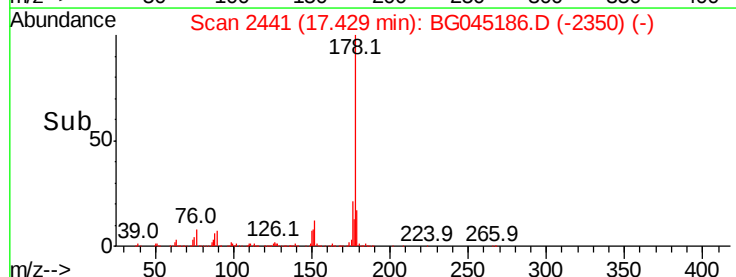
179 17.4 13.2 19.8

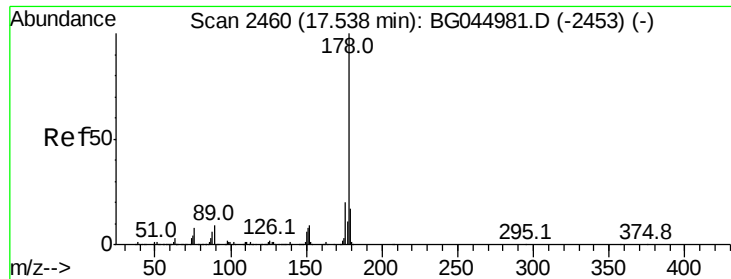


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 47.006 ng

RT: 17.52 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

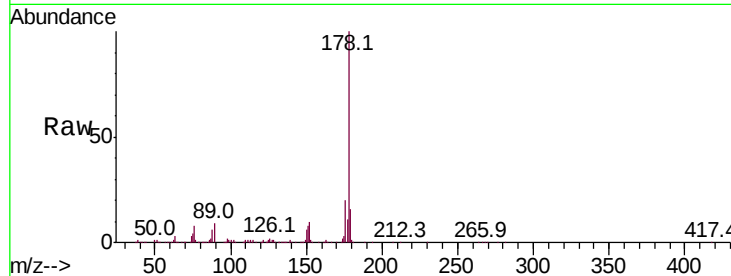
BNA_G

ClientSampleId :

TP-19AMSD

Tot Ion:178 Resp: 1191217

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.2	13.6	20.4

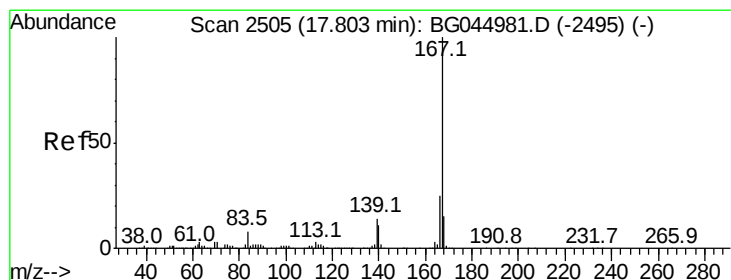
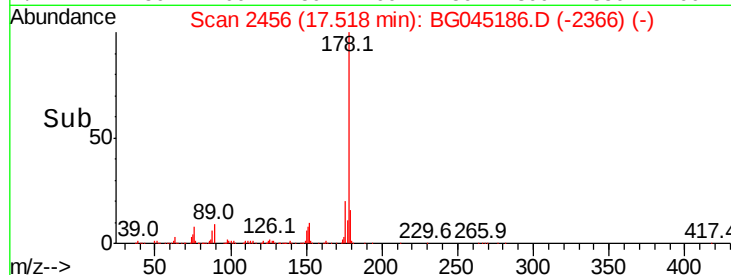
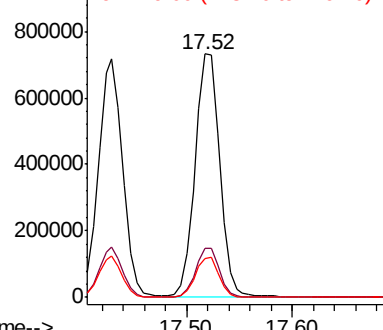


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 39.465 ng

RT: 17.79 min Scan# 2502

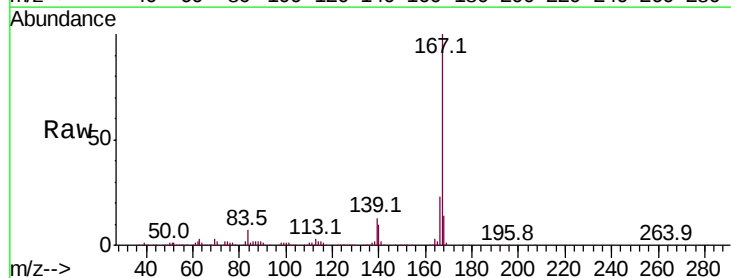
Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Tgt Ion:167 Resp: 1014907

Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.8	29.6
139	13.0	10.9	16.3

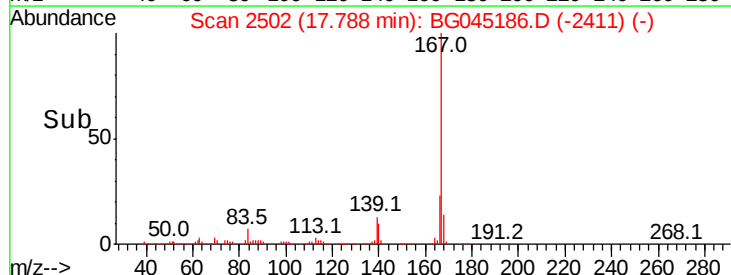
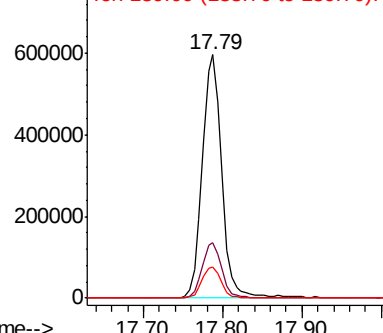


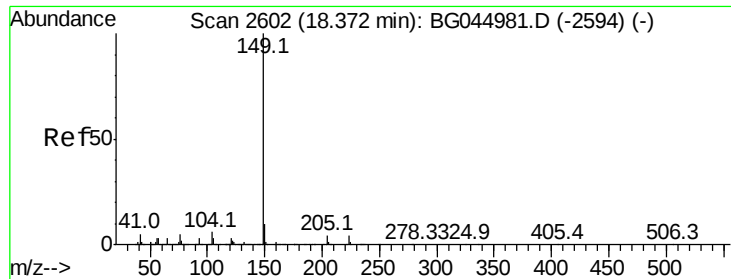
Abundance

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

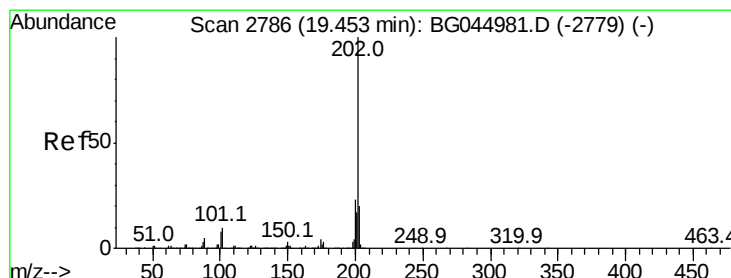
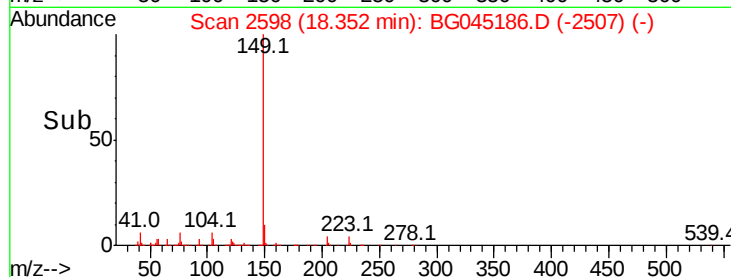
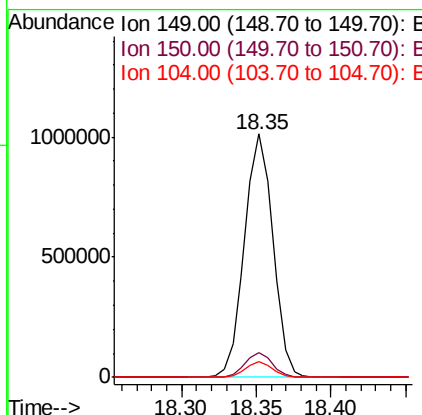
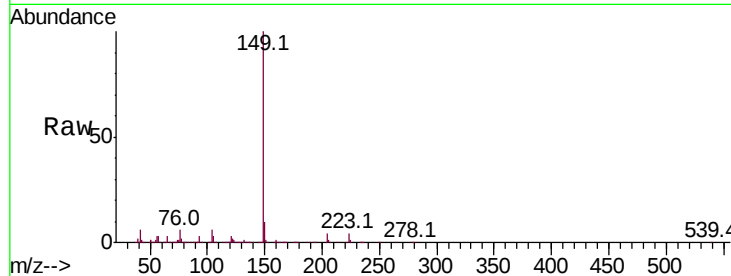




#74
Di-n-butylphthalate
Concen: 48.202 ng
RT: 18.35 min Scan# 2598
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

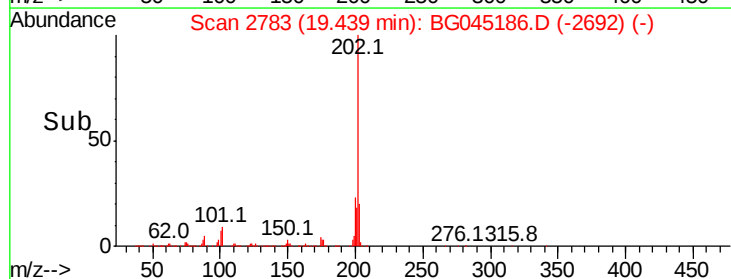
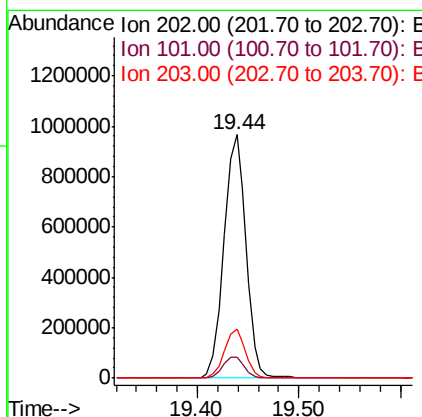
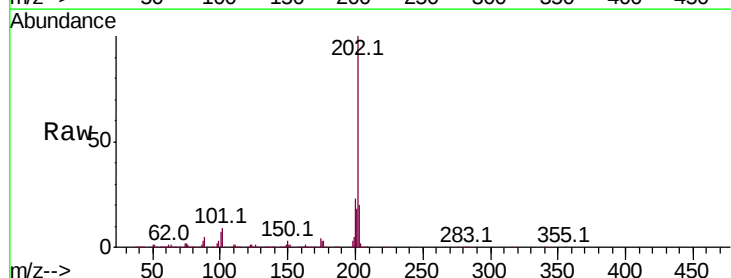
Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

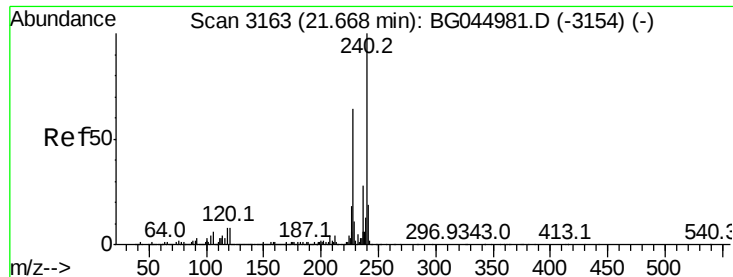
Tot Ion:149 Resp: 1337272
Ion Ratio Lower Upper
149 100
150 10.1 8.2 12.2
104 6.3 4.8 7.2



#75
Fluoranthene
Concen: 49.744 ng
RT: 19.44 min Scan# 2783
Delta R.T. 0.01 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Tgt Ion:202 Resp: 1457773
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.6
203 20.3 0.0 39.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

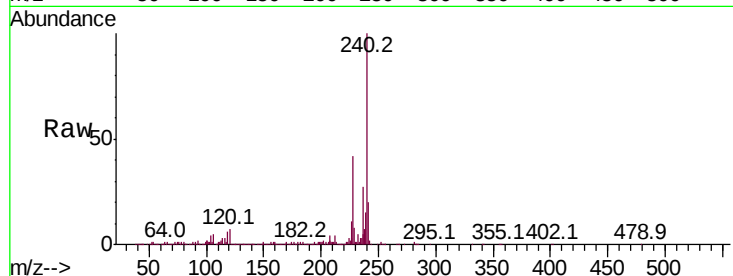
Tot Ion:240 Resp: 452175

Ion Ratio Lower Upper

240 100

120 7.1 6.6 10.0

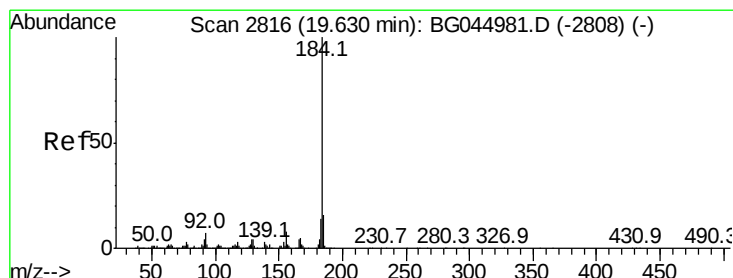
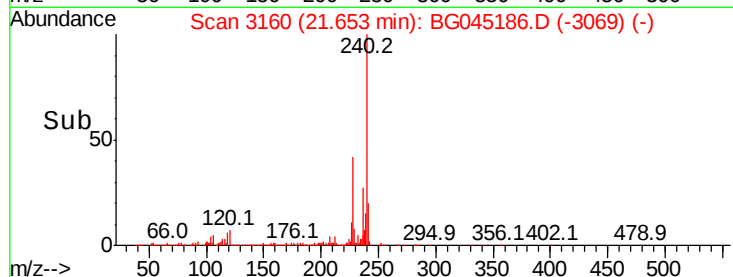
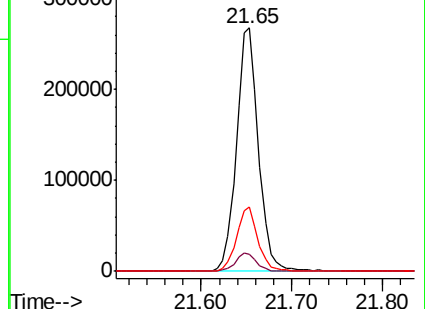
236 26.6 22.2 33.2



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: Below Cal

RT: 19.71 min Scan# 2829

Delta R.T. 0.10 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

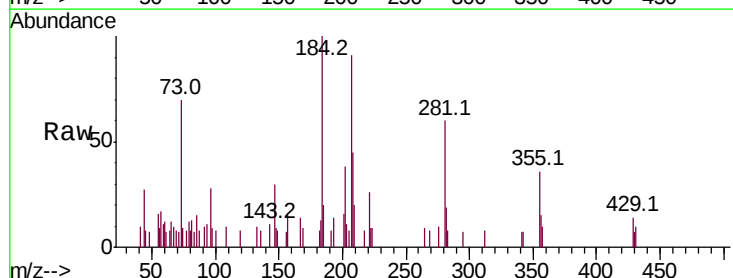
Tgt Ion:184 Resp: 5752

Ion Ratio Lower Upper

184 100

185 19.8 12.6 19.0#

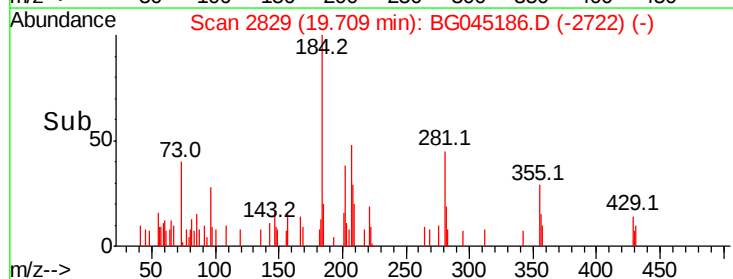
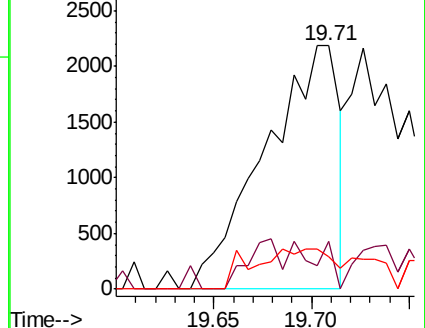
183 13.4 11.3 16.9

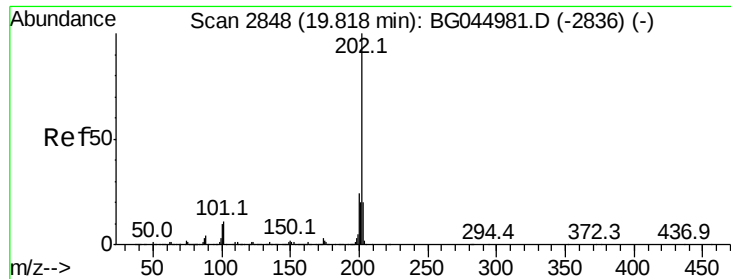


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

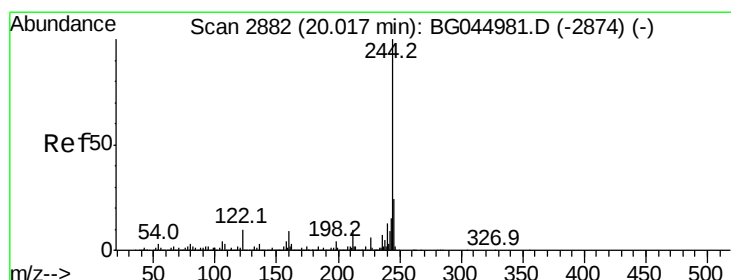
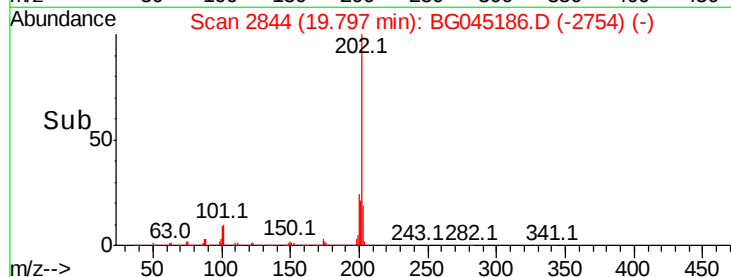
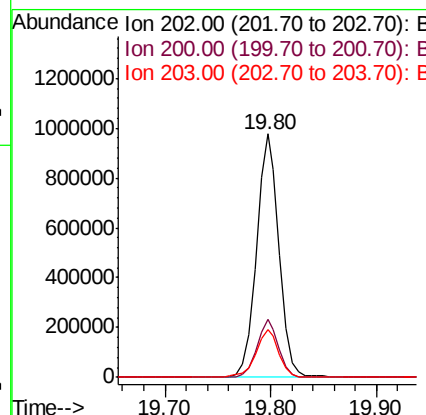
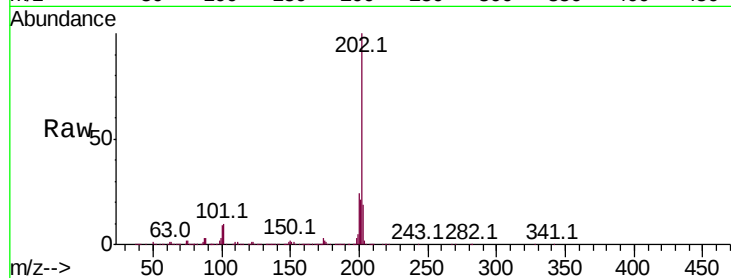




#78
Pvrene
Concen: 46.170 ng
RT: 19.80 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

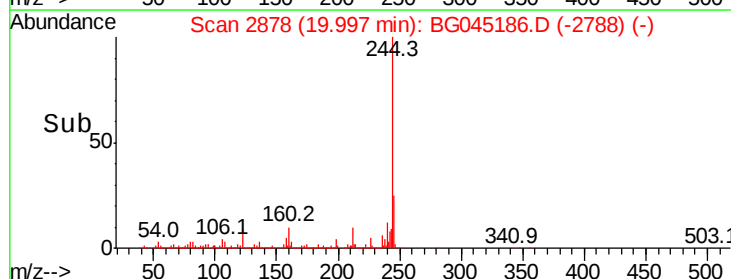
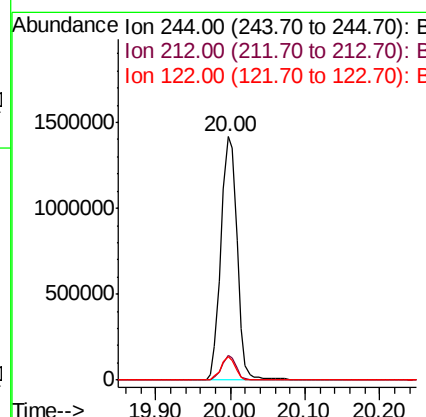
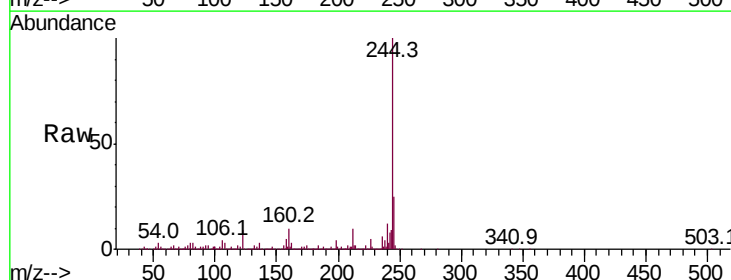
Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

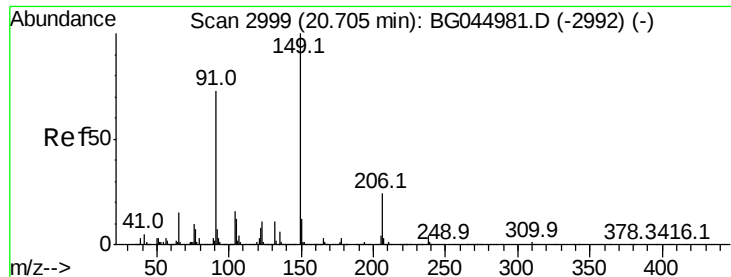
Tot Ion:202 Resp: 1439257
Ion Ratio Lower Upper
202 100
200 23.9 19.0 28.6
203 19.4 16.1 24.1



#79
Terphenyl-d14
Concen: 102.774 ng
RT: 20.00 min Scan# 2878
Delta R.T. 0.00 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Tgt Ion:244 Resp: 2132159
Ion Ratio Lower Upper
244 100
212 10.1 7.9 11.9
122 9.5 7.7 11.5

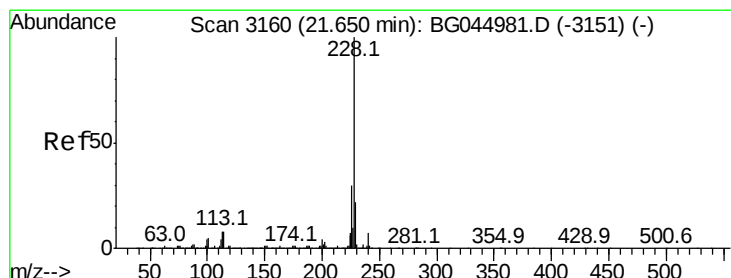
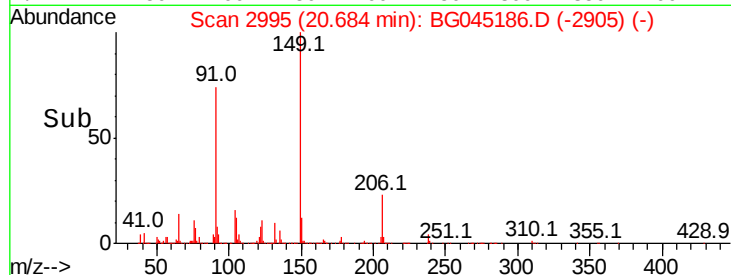
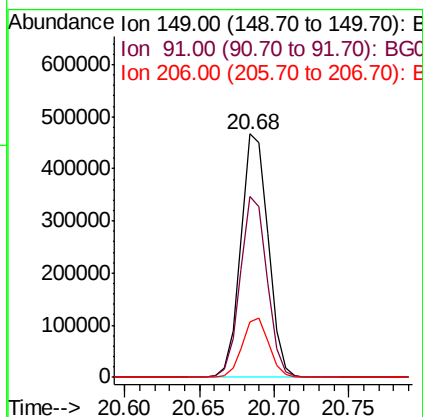
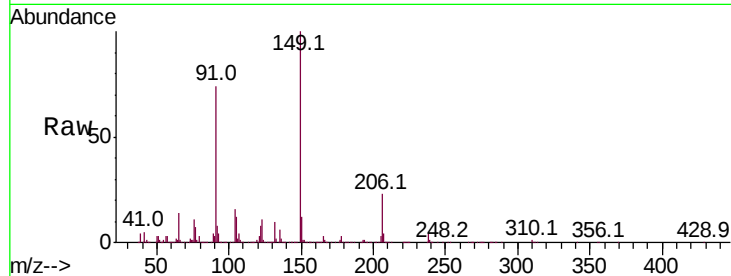




#80
Butylbenzylphthalate
Concen: 45.900 ng
RT: 20.68 min Scan# 2995
Delta R.T. 0.00 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

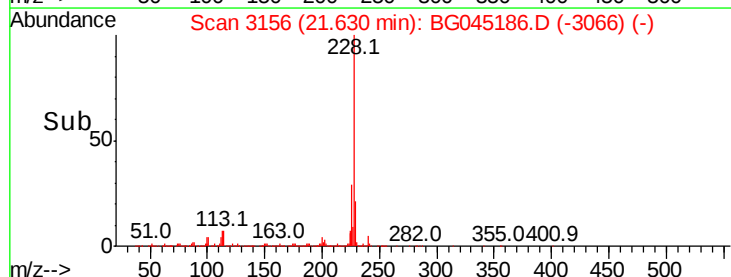
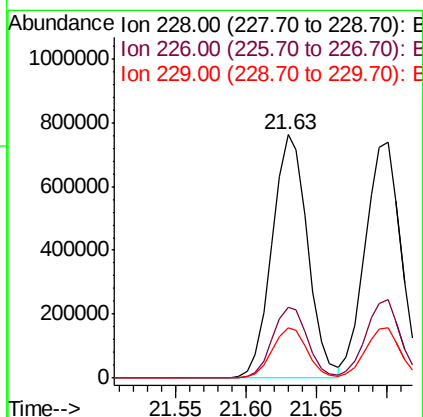
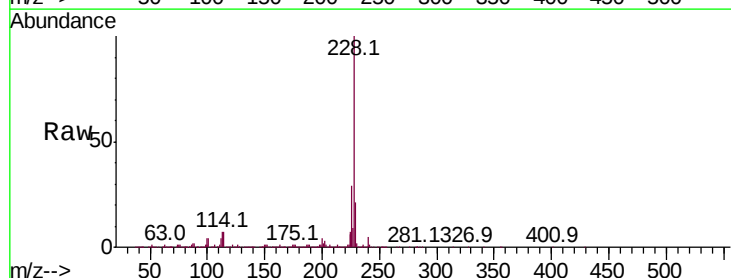
Instrument :
BNA_G
ClientSampleId :
TP-19AMSD

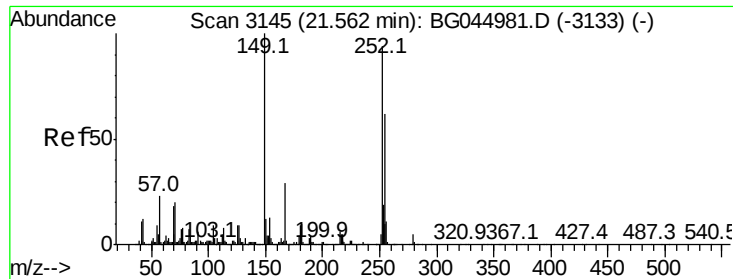
Tot Ion:149 Resp: 593100
Ion Ratio Lower Upper
149 100
91 74.2 58.5 87.7
206 22.7 19.2 28.8



#81
Benzo(a)anthracene
Concen: 45.706 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG045186.D
Acq: 28 Apr 2020 15:34

Tgt Ion:228 Resp: 1339516
Ion Ratio Lower Upper
228 100
226 29.1 24.0 36.0
229 20.9 17.5 26.3

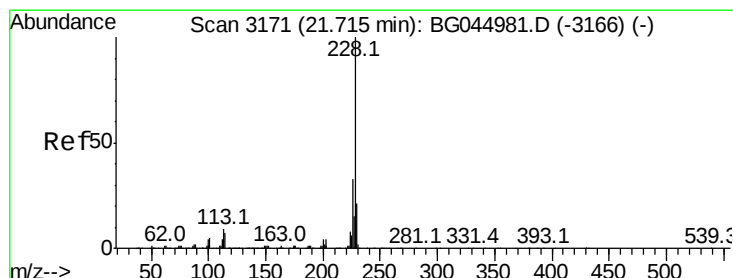
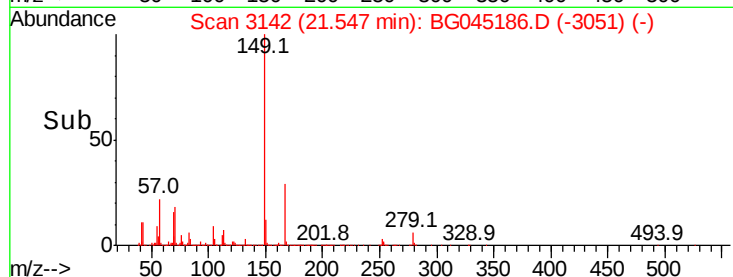
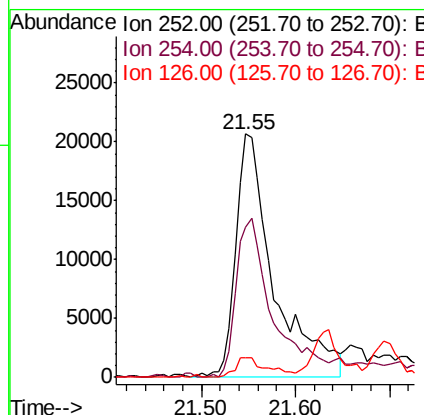
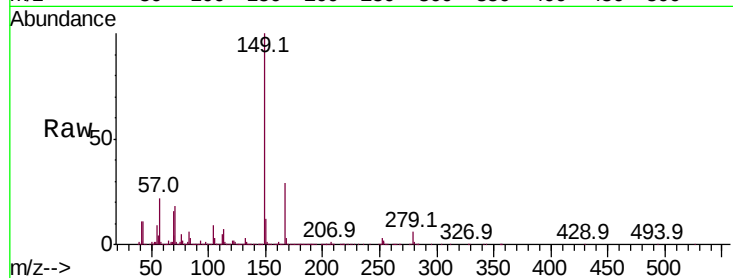




#82
 3,3'-Dichlorobenzidine
 Concen: 4.990 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.01 min
 Lab File: BG045186.D
 Acq: 28 Apr 2020 15:34

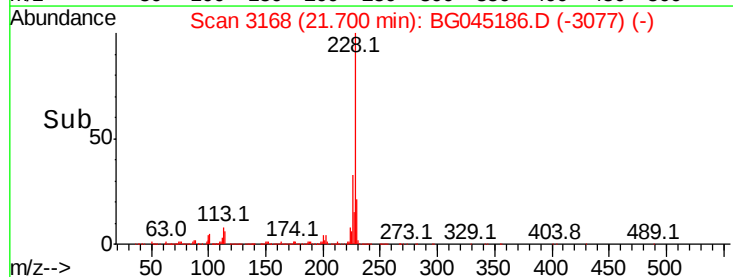
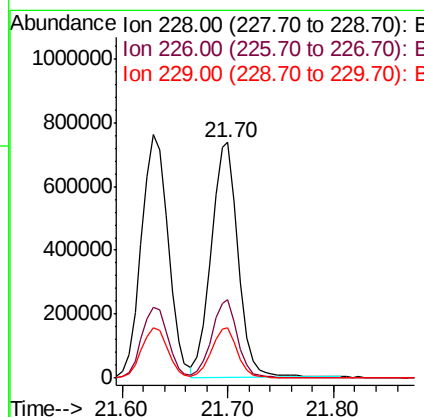
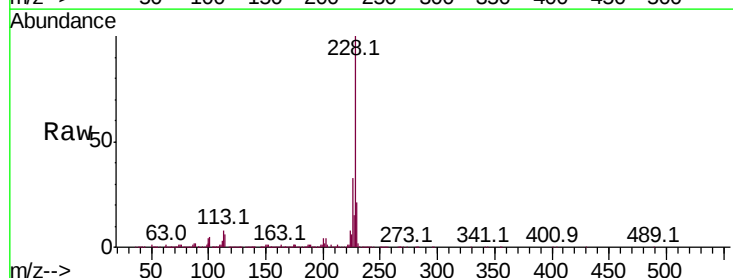
Instrument :
 BNA_G
 ClientSampled :
 TP-19AMSD

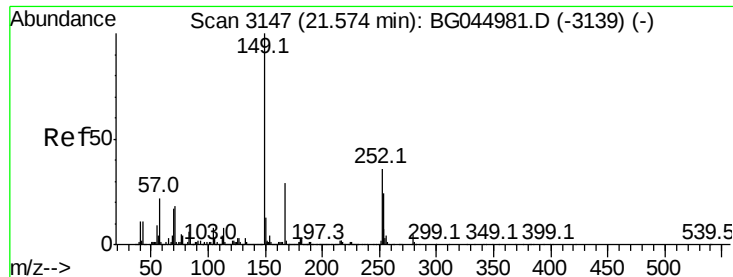
Tot Ion:252 Resp: 58208
 Ion Ratio Lower Upper
 252 100
 254 61.8 52.6 79.0
 126 7.8 7.5 11.3



#83
 Chrysene
 Concen: 46.574 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. 0.01 min
 Lab File: BG045186.D
 Acq: 28 Apr 2020 15:34

Tgt Ion:228 Resp: 1311464
 Ion Ratio Lower Upper
 228 100
 226 33.3 26.2 39.4
 229 21.2 17.0 25.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 46.943 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

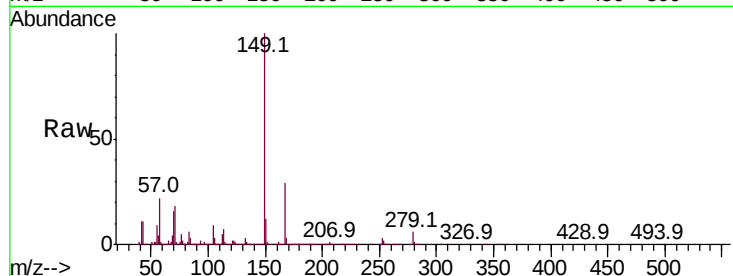
Tot Ion:149 Resp: 834264

Ion Ratio Lower Upper

149 100

167 28.8 23.4 35.0

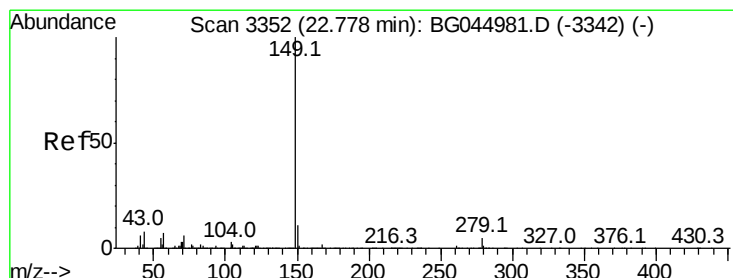
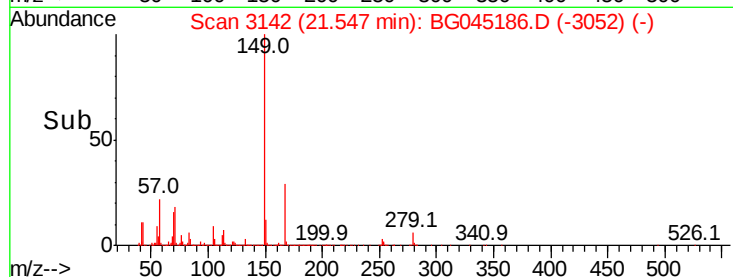
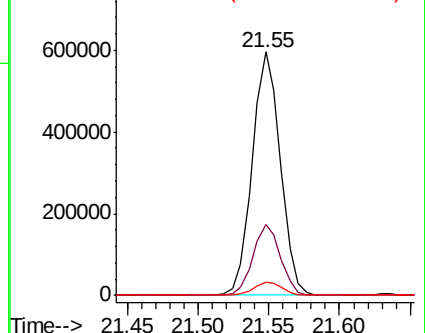
279 5.7 4.3 6.5



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: 45.679 ng

RT: 22.75 min Scan# 3347

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

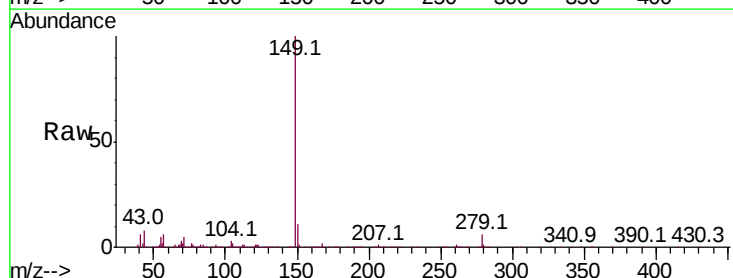
Tgt Ion:149 Resp: 1403803

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

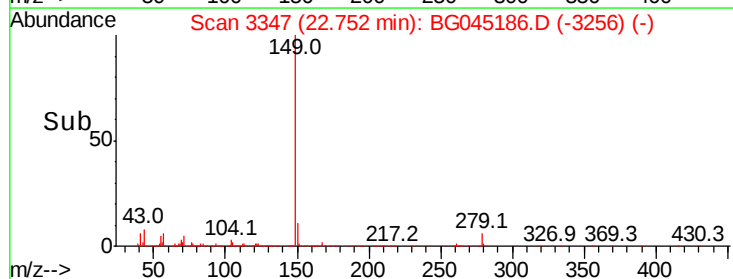
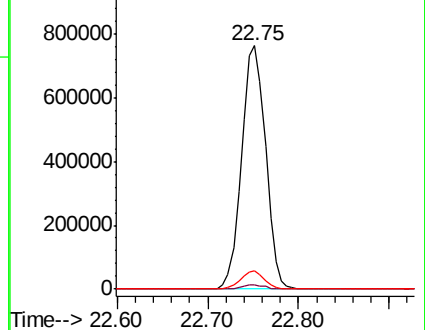
43 7.1 5.7 8.5

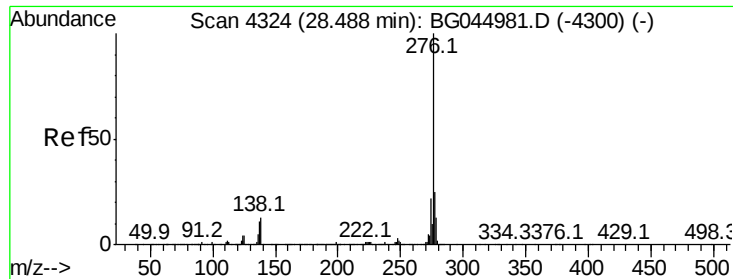


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



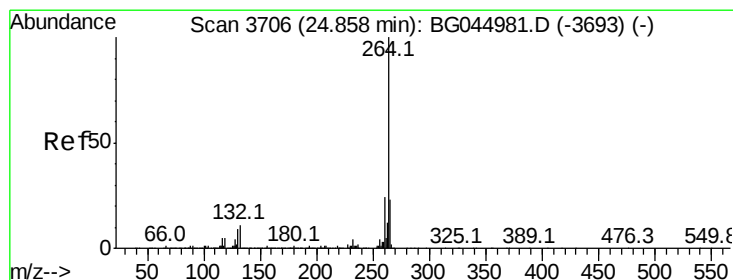
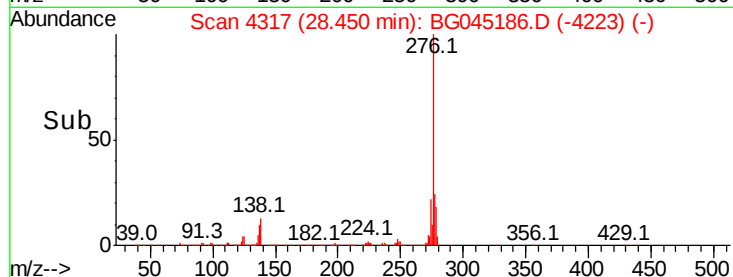
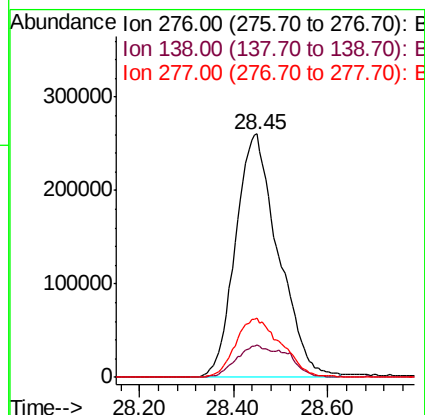
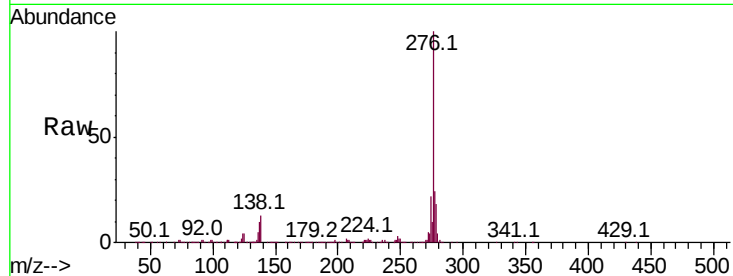


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 43.975 ng
 RT: 28.45 min Scan# 4317
 Delta R.T. 0.02 min
 Lab File: BG045186.D
 Acq: 28 Apr 2020 15:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMSD

Tot Ion:276 Resp: 1644064

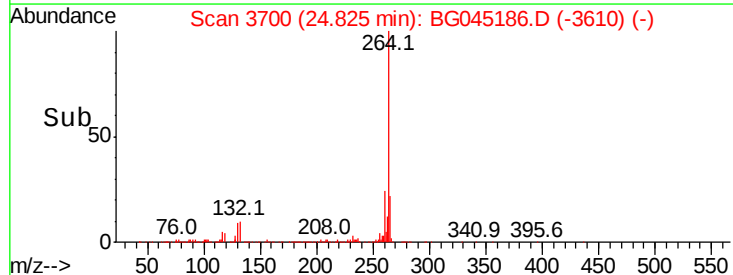
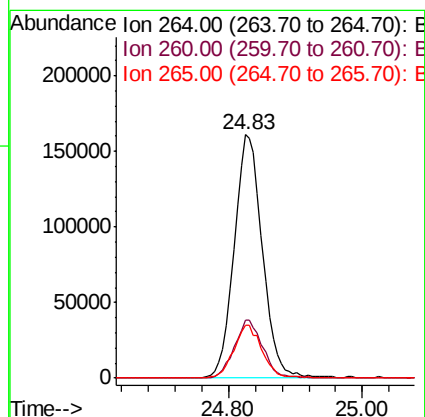
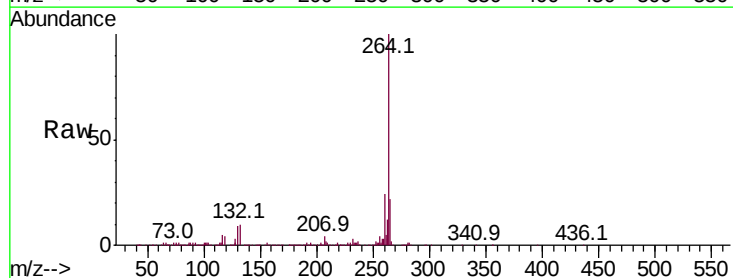
Ion	Ratio	Lower	Upper
276	100		
138	10.6	9.6	14.4
277	26.1	20.6	31.0

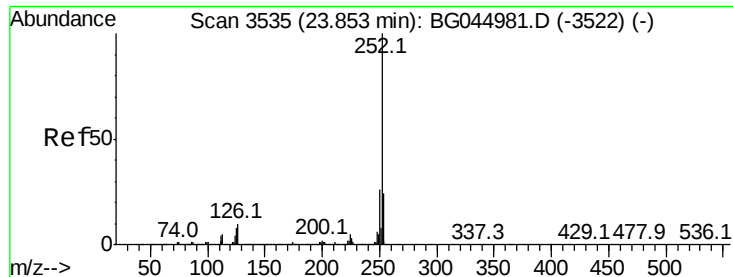


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3700
 Delta R.T. 0.00 min
 Lab File: BG045186.D
 Acq: 28 Apr 2020 15:34

Tgt Ion:264 Resp: 472986

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	19.0	28.4





#88

Benzo(b)fluoranthene

Concen: 48.463 ng

RT: 23.83 min Scan# 3530

Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

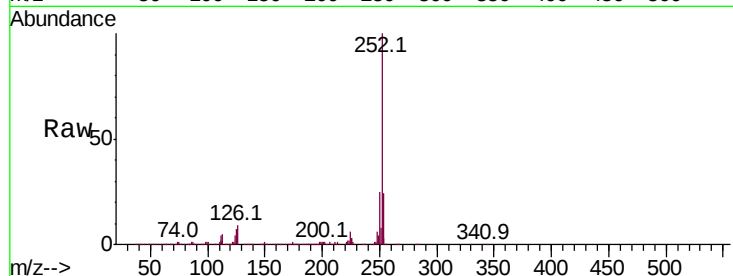
Tot Ion:252 Resp: 1435859

Ion Ratio Lower Upper

252 100

253 24.0 18.8 28.2

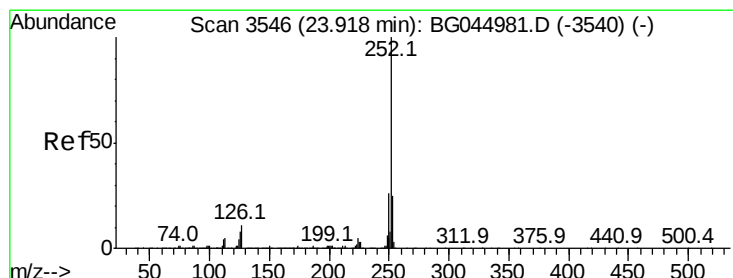
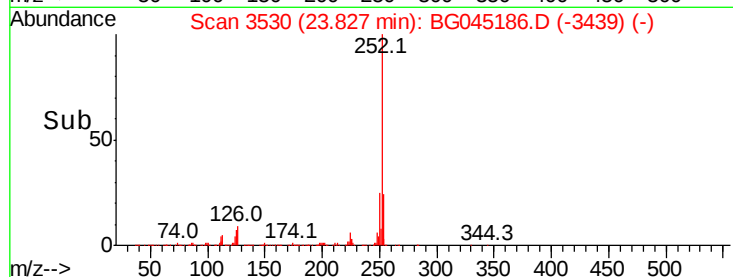
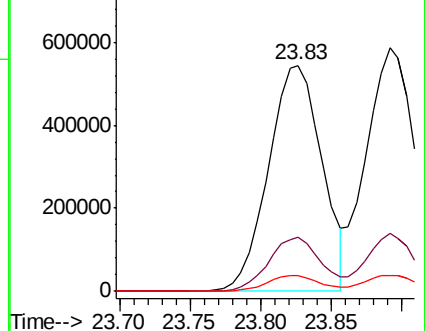
125 7.0 6.2 9.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 51.645 ng

RT: 23.89 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

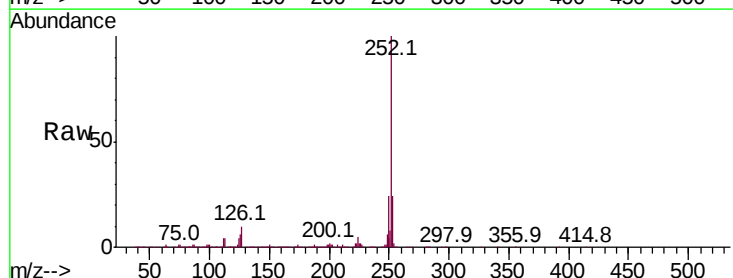
Tgt Ion:252 Resp: 1455129

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

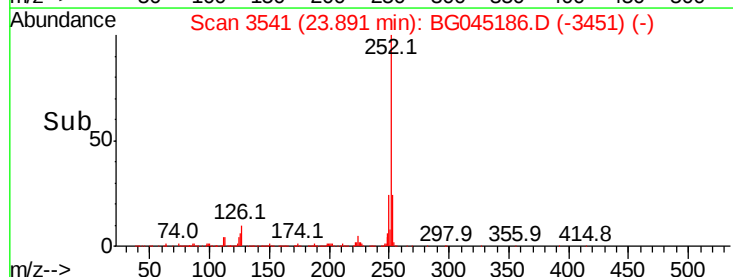
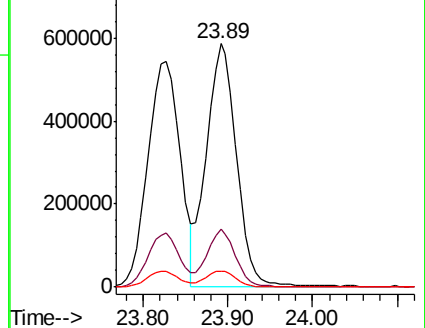
125 6.4 5.9 8.9

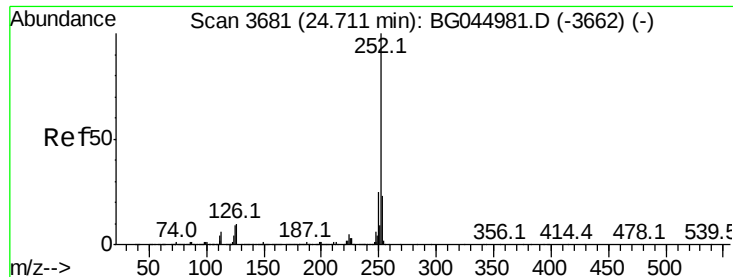


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 47.341 ng

RT: 24.68 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

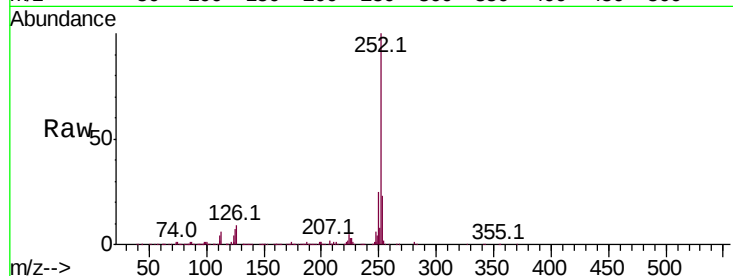
BNA_G

ClientSampleId :

TP-19AMSD

Tot Ion:252 Resp: 1324280

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	7.1	7.0	10.6

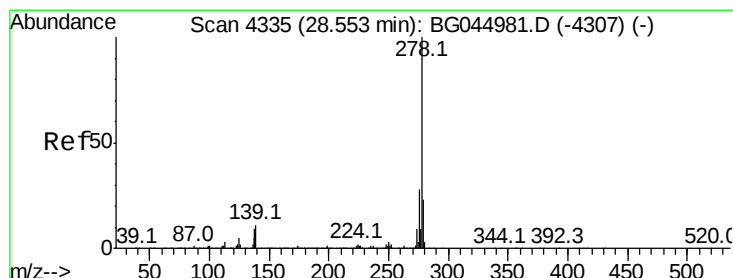
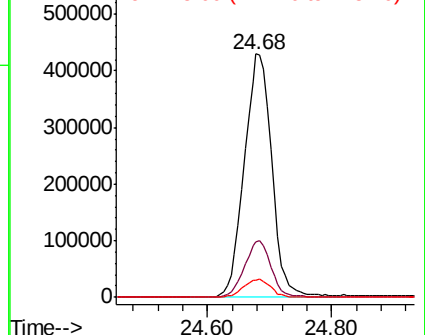
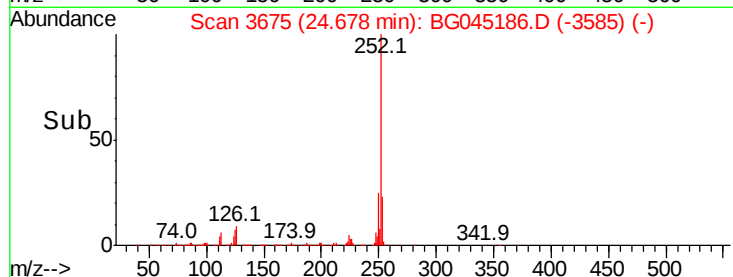


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 48.495 ng

RT: 28.51 min Scan# 4327

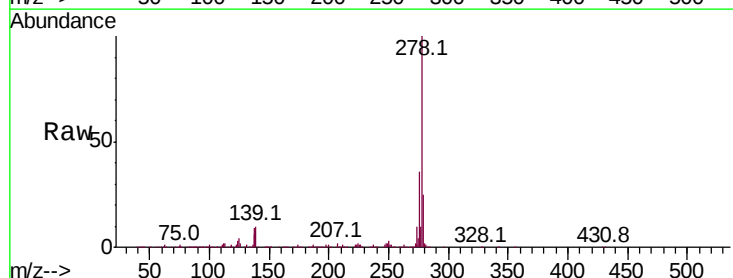
Delta R.T. 0.01 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Tgt Ion:278 Resp: 1366922

Ion	Ratio	Lower	Upper
278	100		
139	10.0	9.0	13.6
279	24.8	18.4	27.6

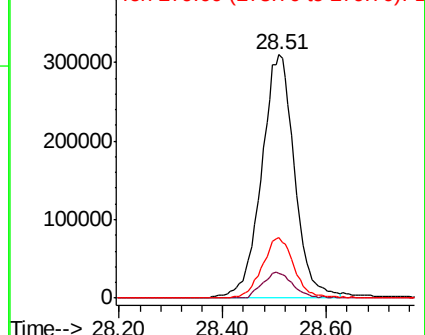
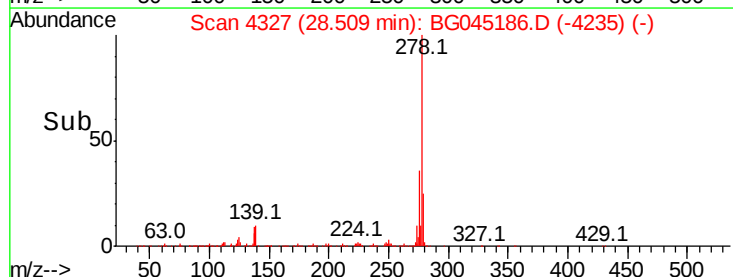


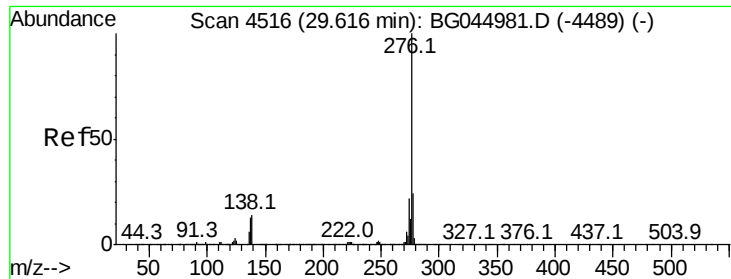
Abundance

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(a,h,i)perylene

Concen: 44.786 ng

RT: 29.57 min Scan# 4508

Delta R.T. 0.02 min

Lab File: BG045186.D

Acq: 28 Apr 2020 15:34

Instrument :

BNA_G

ClientSampleId :

TP-19AMSD

Tot Ion:276 Resp: 1265608

Ion Ratio Lower Upper

276 100

277 22.8 19.3 28.9

138 13.5 11.4 17.2

