

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042820\
 Data File : BG045185.D
 Acq On : 28 Apr 2020 14:35
 Operator : CG/JU
 Sample : L2331-08MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Quant Time: Apr 28 15:11:41 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	7.99	152	61335	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	245521	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	189274	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	476096	20.00	ng	0.00
76) Chrysene-d12	21.65	240	452791	20.00	ng	0.00
87) Perylene-d12	24.82	264	484153	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	498073	134.07	ng	0.00
7) Phenol-d6	7.16	99	653416	118.38	ng	0.00
23) Nitrobenzene-d5	9.15	82	473670	88.03	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	403546	138.01	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1127061	87.31	ng	0.00
79) Terphenyl-d14	19.99	244	2130630	102.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	74195	44.938	ng	# 62
3) Pyridine	3.86	79	141653	27.865	ng	94
4) n-Nitrosodimethylamine	3.76	42	74220	47.659	ng	93
6) Aniline	7.31	93	105625	14.718	ng	99
8) 2-Chlorophenol	7.56	128	197629	49.497	ng	99
9) Benzaldehyde	7.12	77	4803	Below Cal		# 83
10) Phenol	7.18	94	232070	42.015	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	194085	44.133	ng	98
12) 1,3-Dichlorobenzene	7.88	146	217026	46.127	ng	99
13) 1,4-Dichlorobenzene	8.02	146	218820	46.675	ng	97
14) 1,2-Dichlorobenzene	8.35	146	204037	45.492	ng	96
15) Benzyl Alcohol	8.23	79	193906	41.900	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	174479	40.418	ng	94
17) 2-Methylphenol	8.44	107	172858	40.561	ng	95
18) Hexachloroethane	9.08	117	82275	46.682	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	168388	43.137	ng	98
20) 3+4-Methylphenols	8.76	107	242908	40.722	ng	97
22) Acetophenone	8.81	105	301005	45.335	ng	99
24) Nitrobenzene	9.19	77	248628	45.077	ng	# 98
25) Isophorone	9.71	82	475658	43.166	ng	99
26) 2-Nitrophenol	9.91	139	115264	48.516	ng	98
27) 2,4-Dimethylphenol	9.97	122	176767	46.891	ng	94
28) bis(2-Chloroethoxy)methane	10.20	93	261677	45.198	ng	99
29) 2,4-Dichlorophenol	10.45	162	211345	48.553	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	228417	46.348	ng	93
31) Naphthalene	10.85	128	614681	45.765	ng	99
32) Benzoic acid	10.11	122	122260	41.189	ng	99
33) 4-Chloroaniline	10.96	127	24267	3.874	ng	96
34) Hexachlorobutadiene	11.14	225	155361	45.979	ng	98
35) Caprolactam	11.72	113	40203	23.206	ng	97
36) 4-Chloro-3-methylphenol	12.08	107	246652	48.236	ng	99
37) 2-Methylnaphthalene	12.46	142	473145	45.385	ng	97
38) 1-Methylnaphthalene	12.68	142	452692	45.997	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	259419	42.569	ng	99

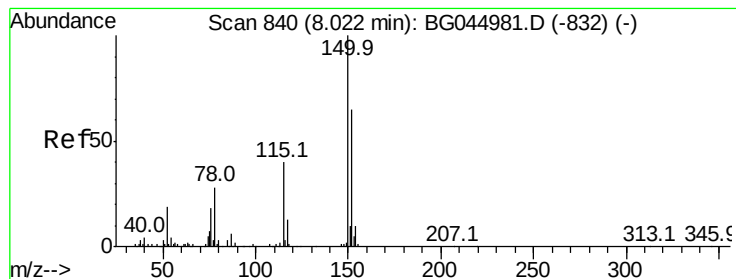
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	373602	98.086	nq	96
43) 2,4,6-Trichlorophenol	13.07	196	197633	45.950	nq	98
44) 2,4,5-Trichlorophenol	13.15	196	207535	42.391	nq	98
46) 1,1'-Biphenyl	13.47	154	619418	43.057	nq	98
47) 2-Chloronaphthalene	13.51	162	479717	43.640	nq	98
48) 2-Nitroaniline	13.70	65	155106	42.886	nq	93
49) Acenaphthylene	14.36	152	809530	45.212	nq	99
50) Dimethylphthalate	14.08	163	702862	45.606	nq	99
51) 2,6-Dinitrotoluene	14.20	165	160621	46.596	nq	97
52) Acenaphthene	14.70	154	510766	42.161	nq	99
53) 3-Nitroaniline	14.53	138	40890	10.816	nq	# 99
54) 2,4-Dinitrophenol	14.74	184	215325	105.049	nq	95
55) Dibenzofuran	15.03	168	797733	45.166	nq	98
56) 4-Nitrophenol	14.85	139	228404	77.916	nq	95
57) 2,4-Dinitrotoluene	14.99	165	229010	45.460	nq	98
58) Fluorene	15.68	166	670739	46.493	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	214838	49.319	nq	98
60) Diethylphthalate	15.45	149	728916	45.364	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	369861	44.541	nq	98
62) 4-Nitroaniline	15.69	138	132023	33.668	nq	97
63) Azobenzene	15.96	77	682198	46.050	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	157087	50.197	nq	99
66) n-Nitrosodiphenylamine	15.89	169	565972	41.375	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	264544	43.071	nq	99
68) Hexachlorobenzene	16.69	284	286491	44.975	nq	99
69) Atrazine	16.83	200	148493	27.952	nq	98
70) Pentachlorophenol	17.03	266	361018	92.385	nq	99
71) Phenanthrene	17.42	178	1135784	46.424	nq	99
72) Anthracene	17.52	178	1163546	47.412	nq	100
73) Carbazole	17.78	167	1021134	41.002	nq	97
74) Di-n-butylphthalate	18.34	149	1317409	49.156	nq	99
75) Fluoranthene	19.43	202	1451006	51.326	nq	99
77) Benzdine	19.67	184	13001	Below Cal	#	92
78) Pyrene	19.79	202	1434529	45.956	nq	99
80) Butylbenzylphthalate	20.68	149	588494	45.481	nq	99
81) Benzo(a)anthracene	21.63	228	1351242	46.043	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	87617	7.501	nq	92
83) Chrysene	21.69	228	1313175	46.571	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	834400	46.887	nq	99
85) Di-n-octyl phthalate	22.74	149	1405977	45.688	nq	100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1675142	44.745	nq	# 98
88) Benzo(b)fluoranthene	23.82	252	1472898	48.567	nq	98
89) Benzo(k)fluoranthene	23.89	252	1406888	48.781	nq	97
90) Benzo(a)pyrene	24.68	252	1312082	45.823	nq	98
91) Dibenzo(a,h)anthracene	28.50	278	1379079	47.798	nq	96
92) Benzo(g,h,i)perylene	29.56	276	1299607	44.928	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

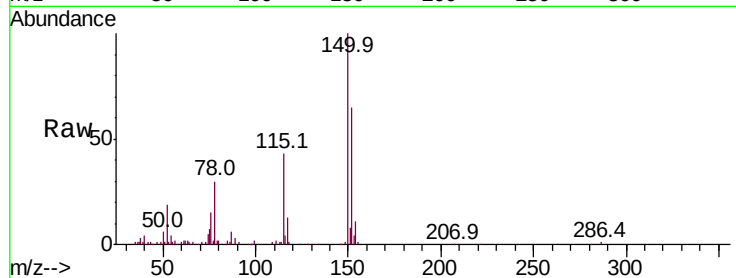
Tot Ion:152 Resp: 61335

Ion Ratio Lower Upper

152 100

150 154.1 123.6 185.4

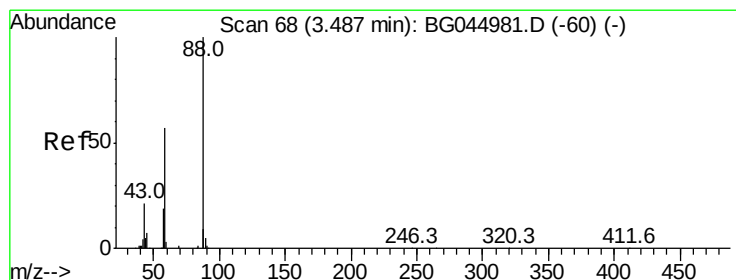
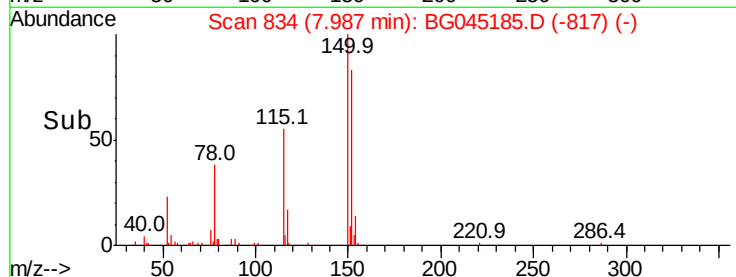
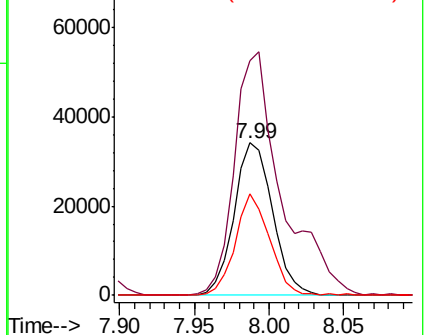
115 66.6 49.1 73.7



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



#2

1,4-Dioxane

Concen: 44.938 ng

RT: 3.46 min Scan# 63

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

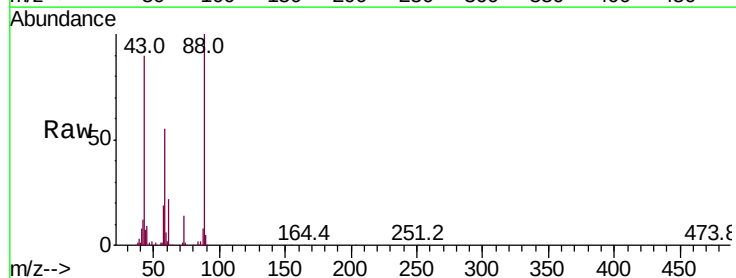
Tgt Ion: 88 Resp: 74195

Ion Ratio Lower Upper

88 100

58 55.2 46.6 69.8

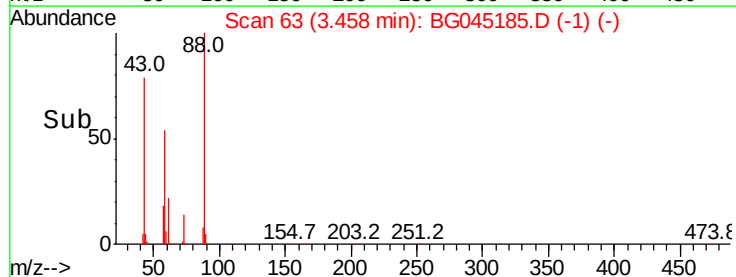
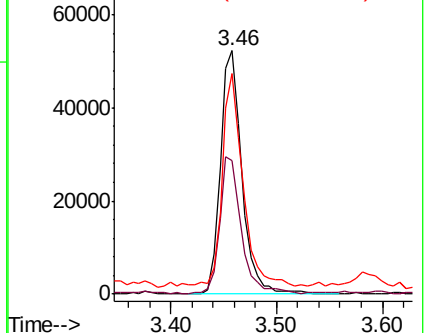
43 82.2 17.5 26.3#

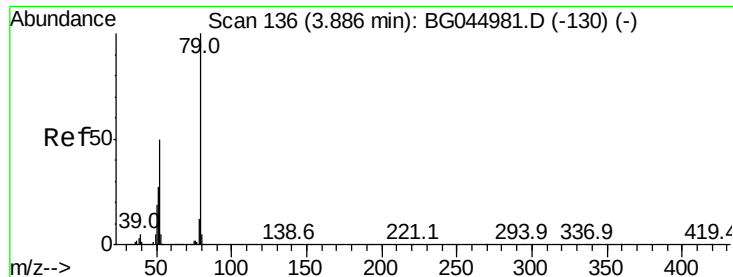


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.865 ng

RT: 3.86 min Scan# 131

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

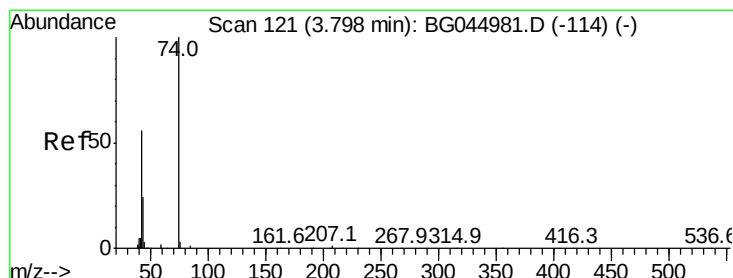
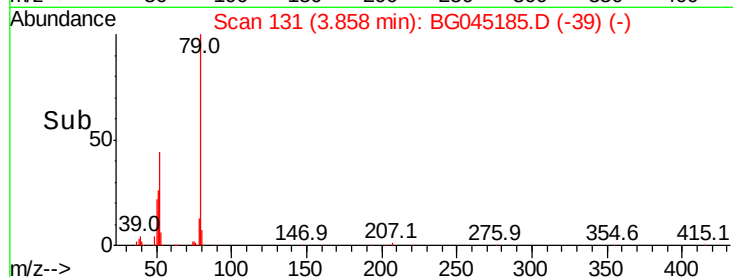
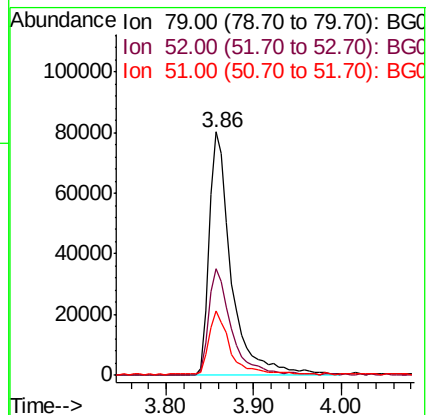
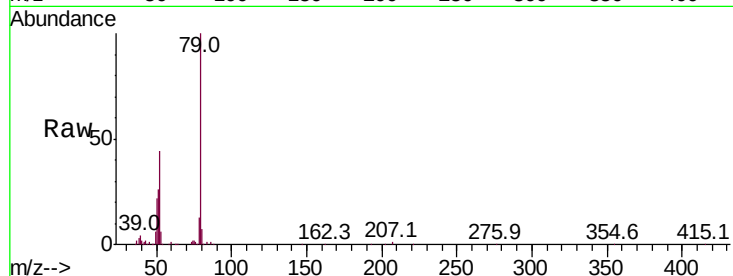
Tot Ion: 79 Resp: 141653

Ion Ratio Lower Upper

79 100

52 43.9 39.8 59.6

51 26.4 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 47.659 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

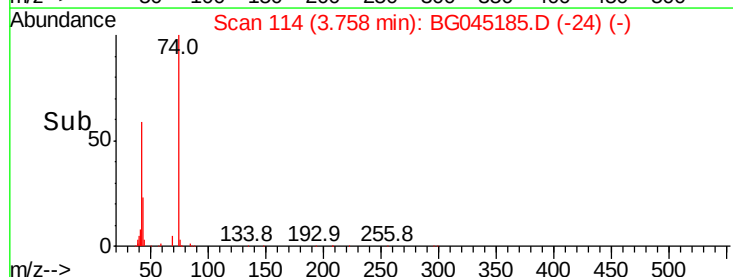
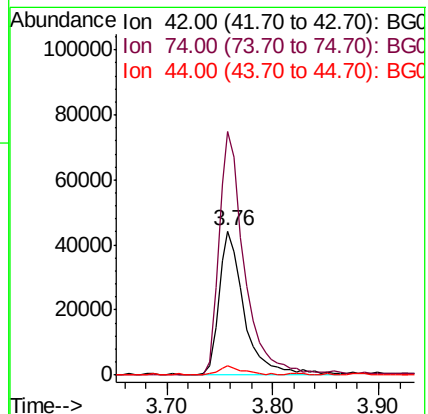
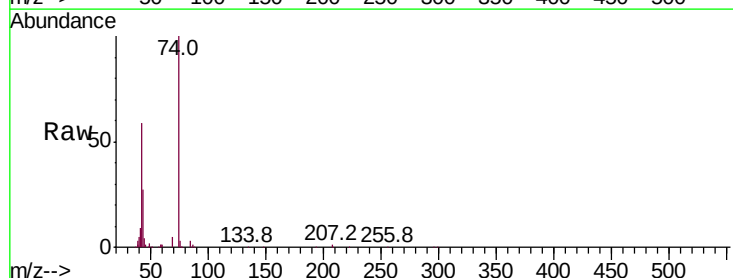
Tgt Ion: 42 Resp: 74220

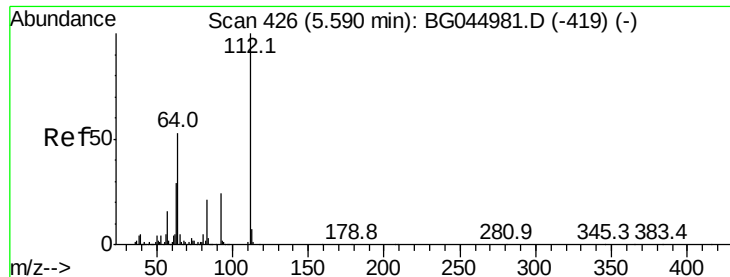
Ion Ratio Lower Upper

42 100

74 168.7 143.0 214.6

44 6.1 4.6 6.8





#5

2-Fluorophenol

Concen: 134.066 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

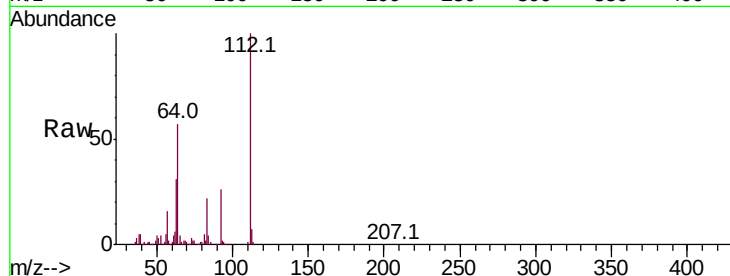
Tot Ion:112 Resp: 498073

Ion Ratio Lower Upper

112 100

64 56.9 42.4 63.6

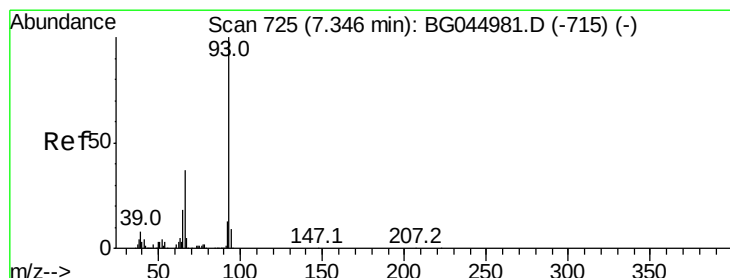
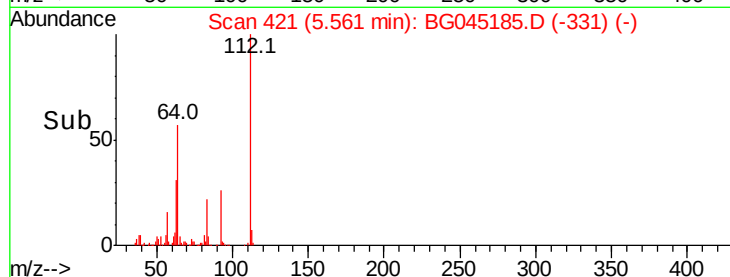
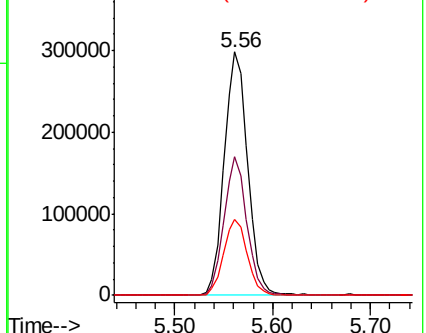
63 31.4 23.1 34.7



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: 14.718 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

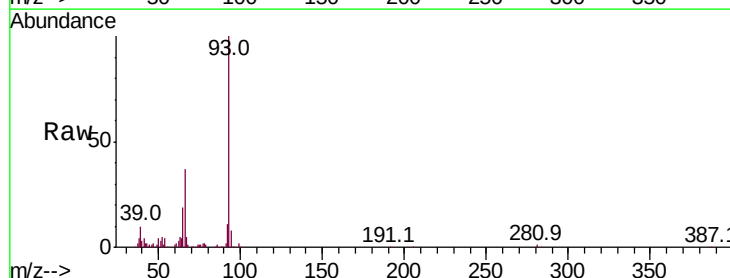
Tgt Ion: 93 Resp: 105625

Ion Ratio Lower Upper

93 100

66 36.7 29.8 44.8

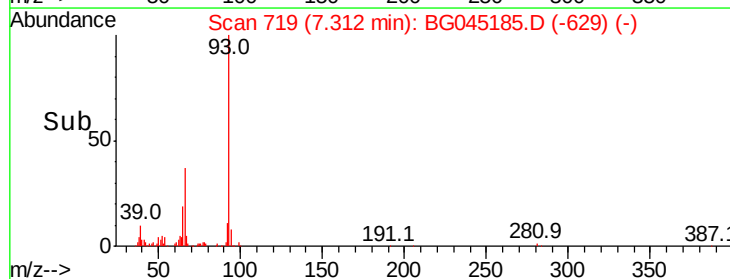
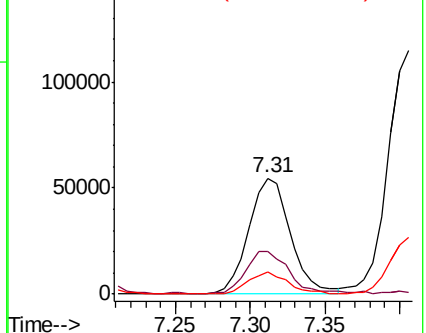
65 18.8 14.6 22.0

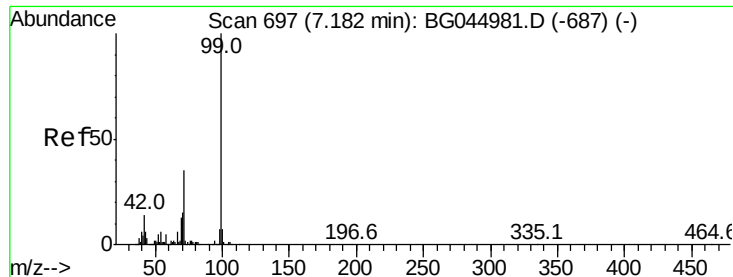


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.377 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

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ClientSampleId :

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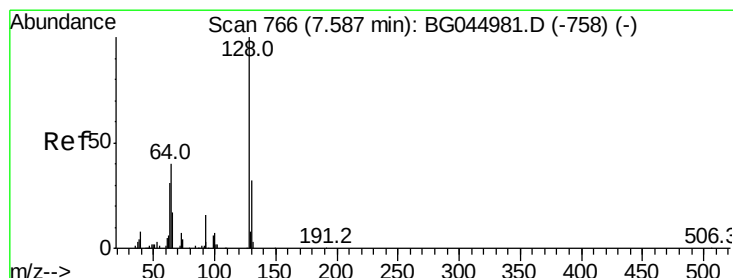
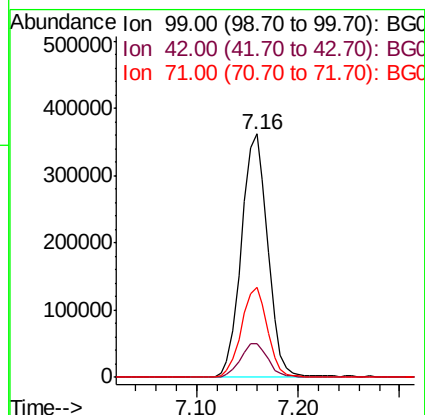
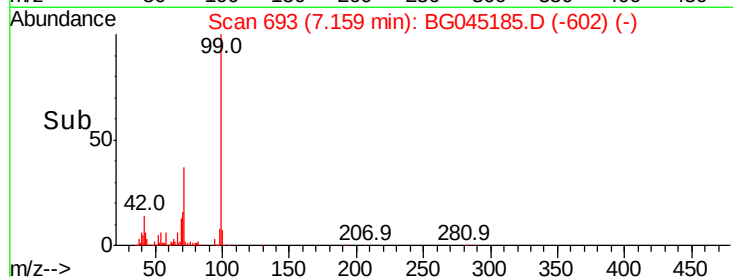
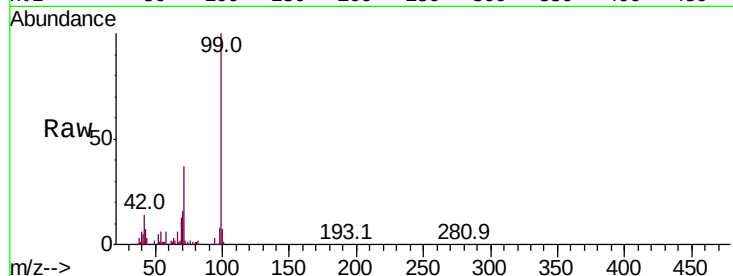
Tot Ion: 99 Resp: 653416

Ion Ratio Lower Upper

99 100

42 14.0 11.3 16.9

71 36.8 28.3 42.5



#8

2-Chlorophenol

Concen: 49.497 ng

RT: 7.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

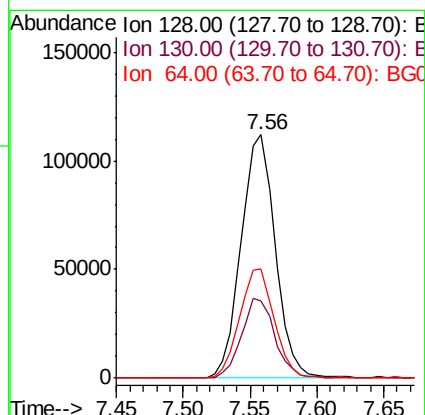
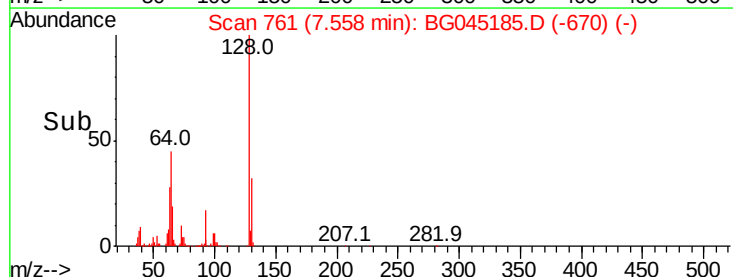
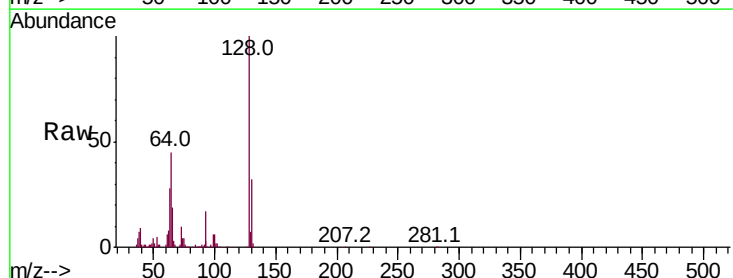
Tgt Ion: 128 Resp: 197629

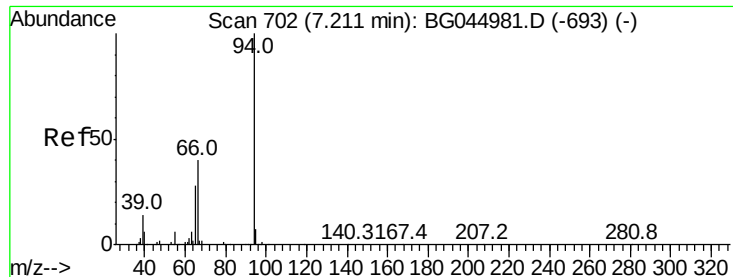
Ion Ratio Lower Upper

128 100

130 31.6 12.3 52.3

64 45.1 24.4 64.4





#10

Phenol

Concen: 42.015 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

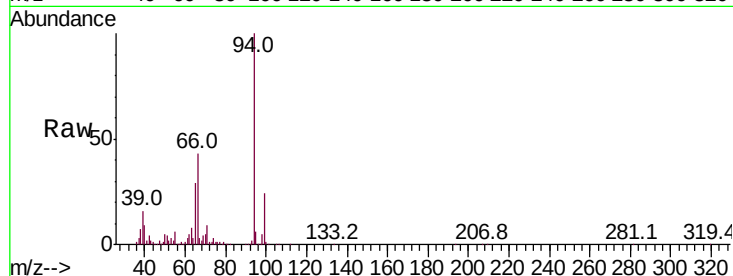
Tot Ion: 94 Resp: 232070

Ion Ratio Lower Upper

94 100

65 28.5 8.2 48.2

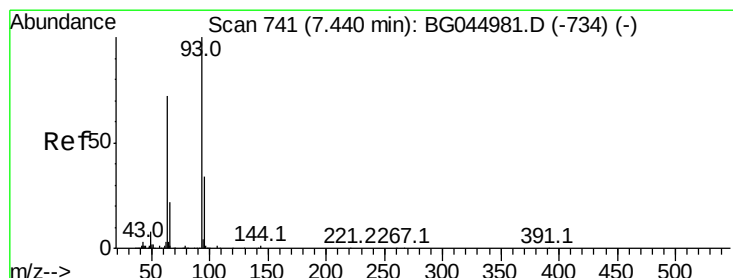
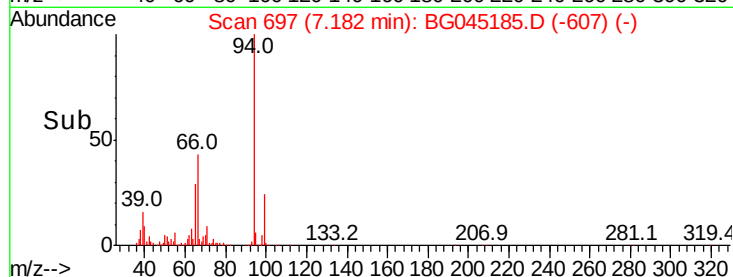
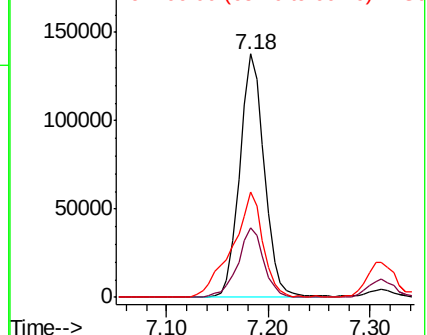
66 43.2 20.4 60.4



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: 44.133 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

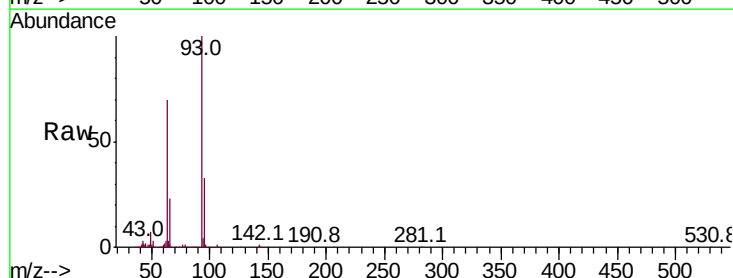
Tgt Ion: 93 Resp: 194085

Ion Ratio Lower Upper

93 100

63 69.6 51.8 91.8

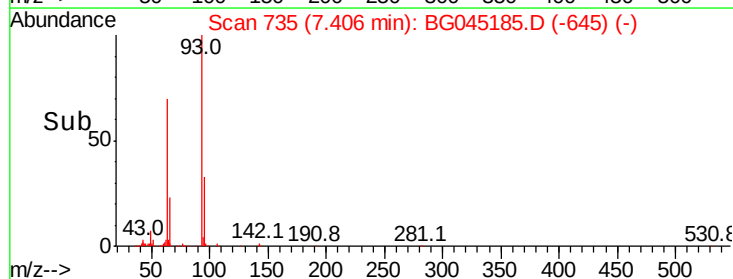
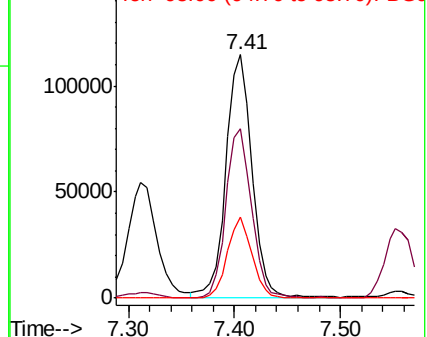
95 33.2 13.8 53.8

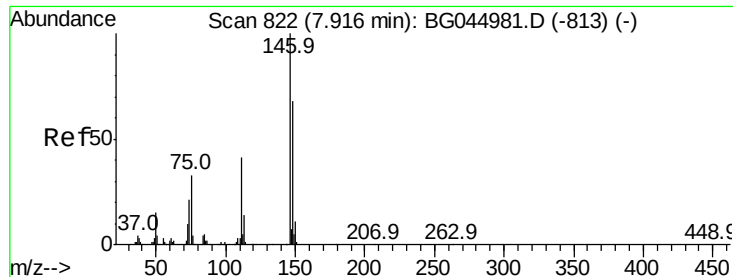


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 46.127 ng

RT: 7.88 min Scan# 816

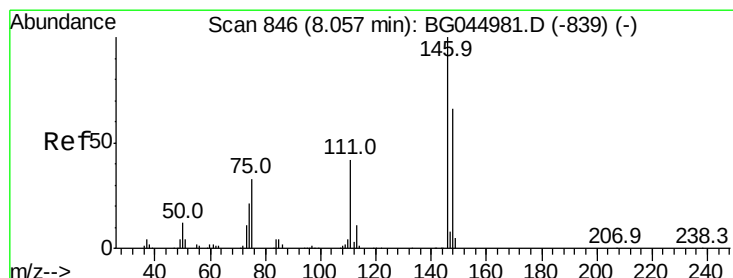
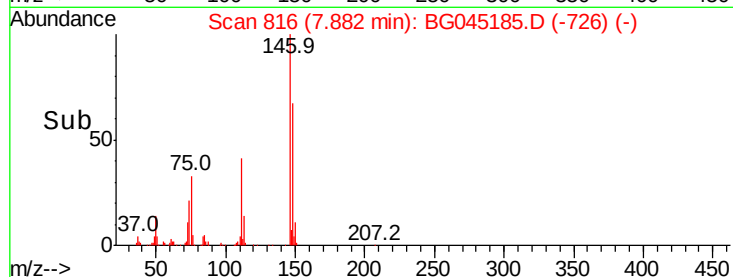
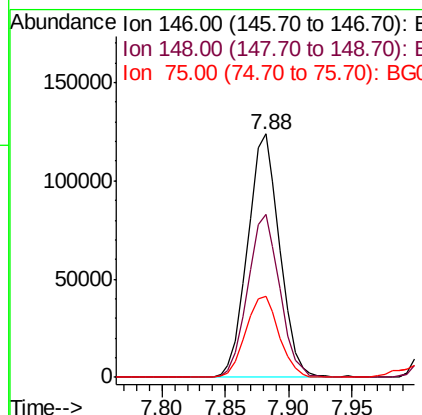
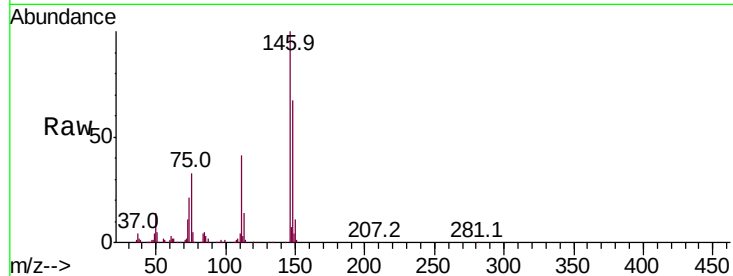
Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	54.6	81.8
75	33.5	26.0	39.0



#13

1,4-Dichlorobenzene

Concen: 46.675 ng

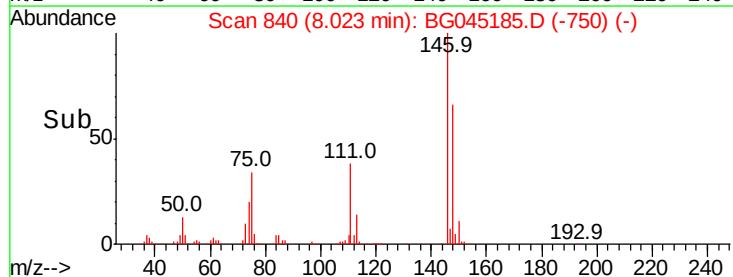
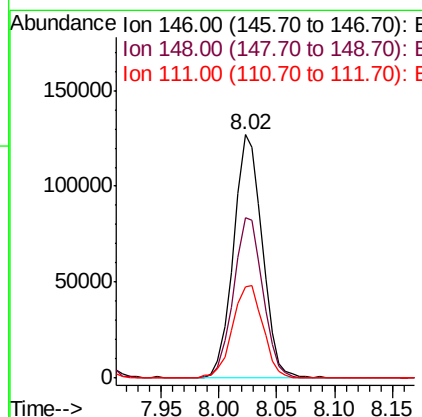
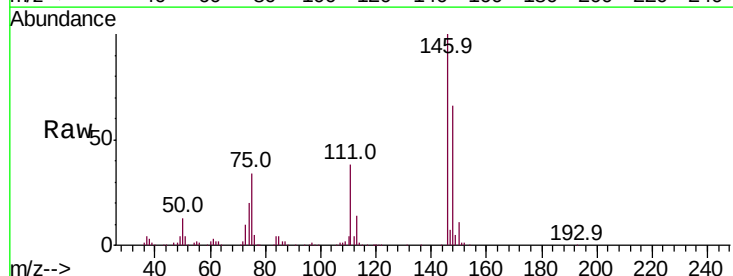
RT: 8.02 min Scan# 840

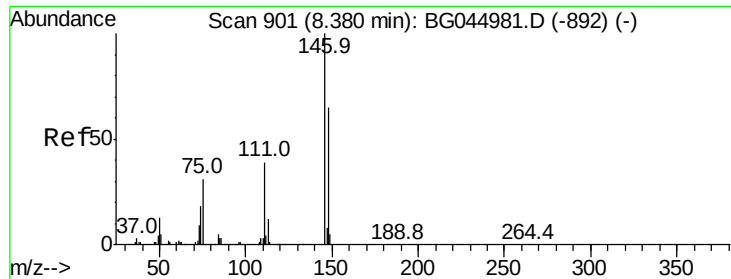
Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.3	79.9
111	37.7	33.8	50.8

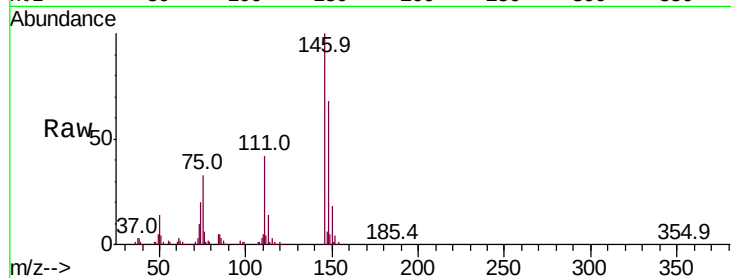




#14
 1,2-Dichlorobenzene
 Concen: 45.492 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.9	77.9
111	42.5	31.3	46.9

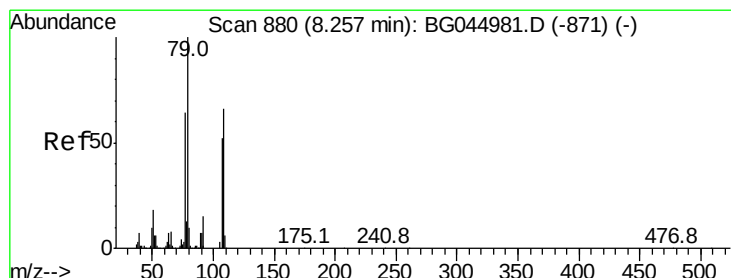
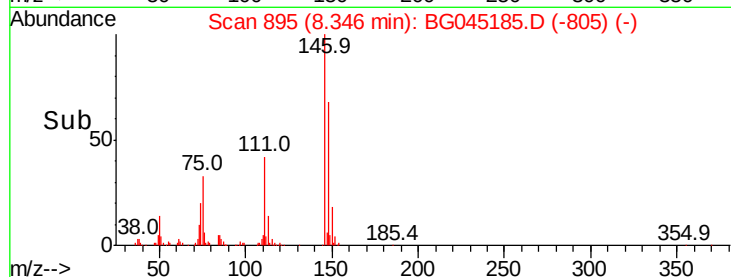
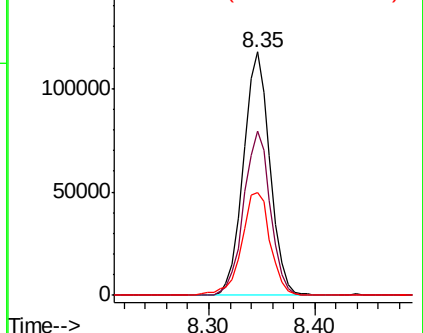


Abundance

Ion 146.00 (145.70 to 146.70): E

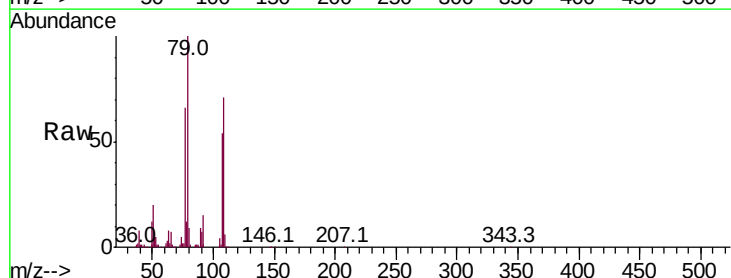
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15
 Benzyl Alcohol
 Concen: 41.900 ng
 RT: 8.23 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
79	100		
108	71.1	52.7	79.1
77	65.6	51.3	76.9

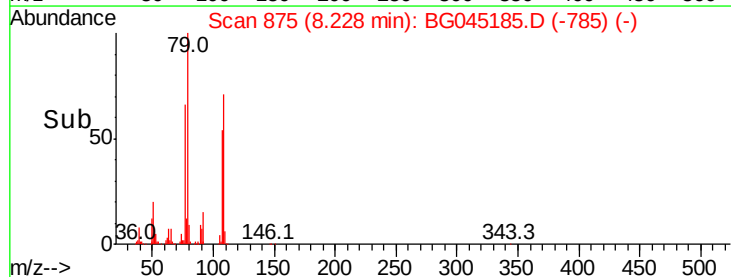
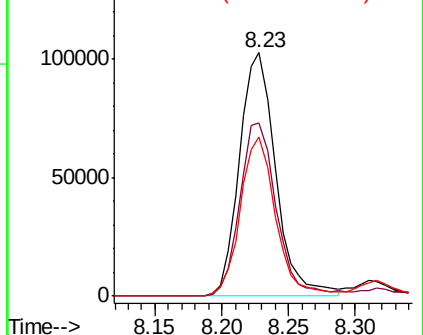


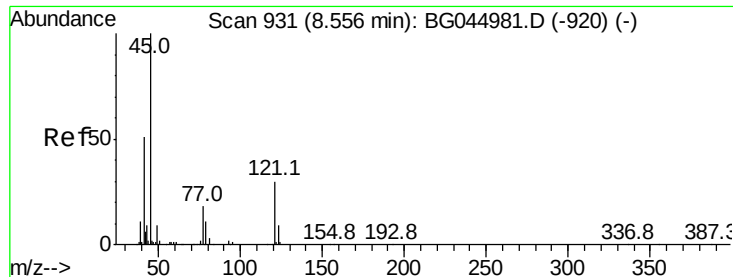
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 40.418 ng

RT: 8.52 min Scan# 925

Delta R.T. 0.01 min

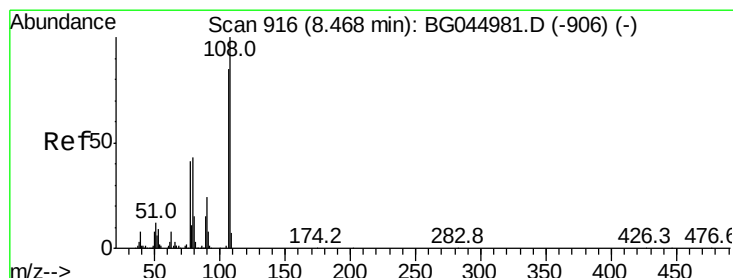
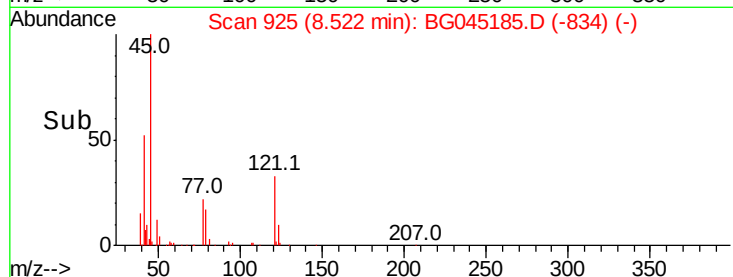
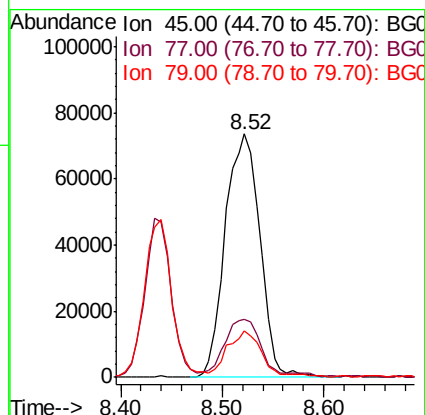
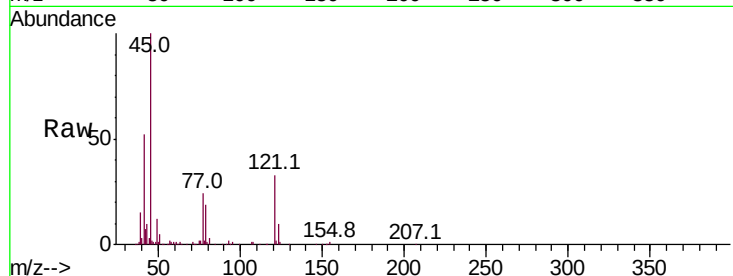
Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion: 45 Resp: 174479

Ion	Ratio	Lower	Upper
45	100		
77	23.7	1.9	41.9
79	18.8	0.0	35.5



#17

2-Methylphenol

Concen: 40.561 ng

RT: 8.44 min Scan# 911

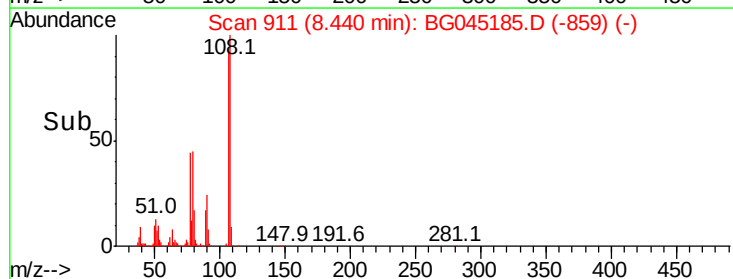
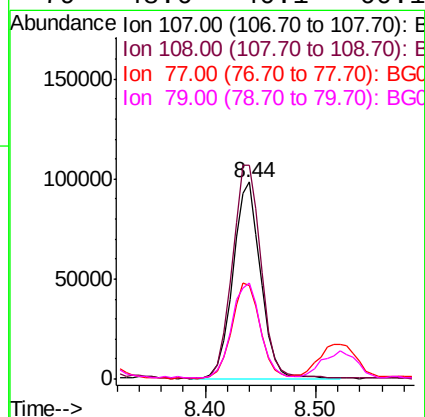
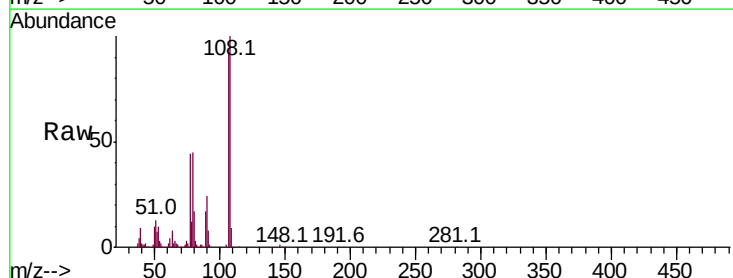
Delta R.T. 0.01 min

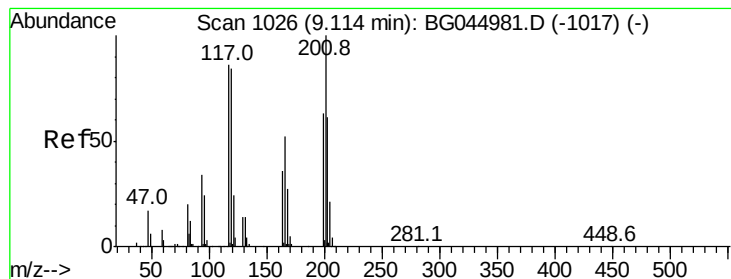
Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion: 107 Resp: 172858

Ion	Ratio	Lower	Upper
107	100		
108	108.7	93.8	140.6
77	47.8	38.5	57.7
79	48.6	40.1	60.1





#18

Hexachloroethane

Concen: 46.682 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

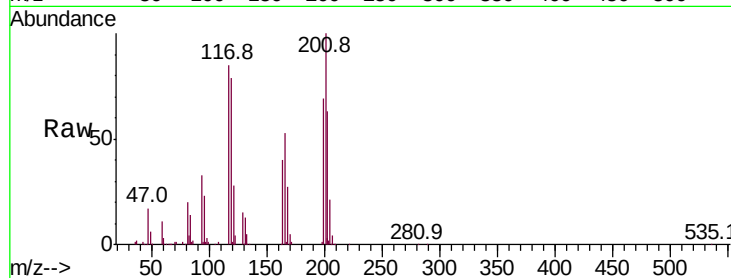
Tot Ion:117 Resp: 82275

Ion Ratio Lower Upper

117 100

119 92.8 78.3 117.5

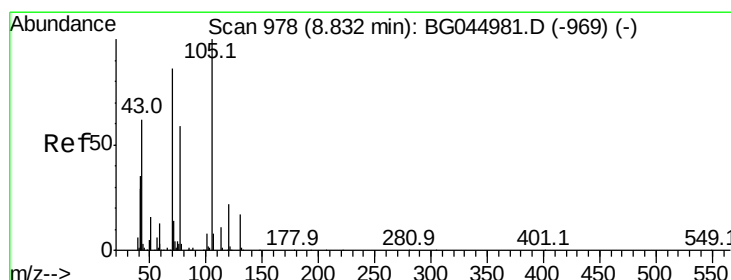
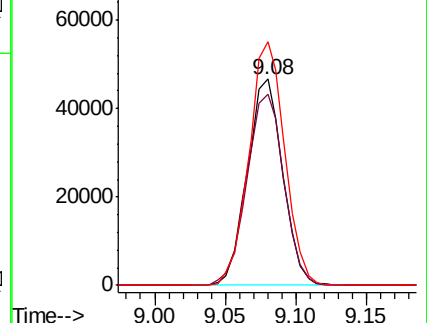
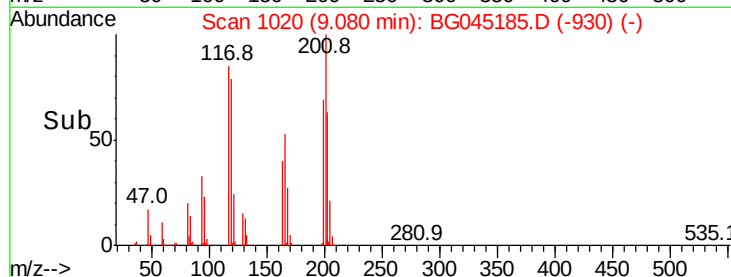
201 118.0 92.9 139.3



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: 43.137 ng

RT: 8.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion: 70 Resp: 168388

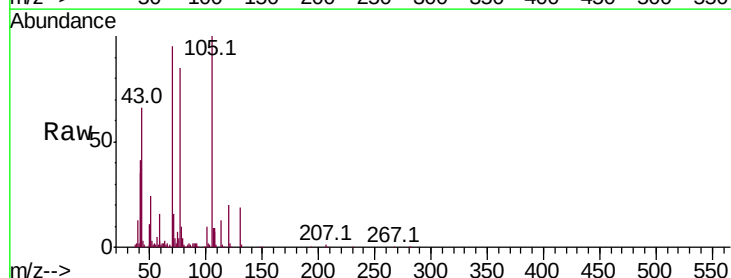
Ion Ratio Lower Upper

70 100

42 43.0 33.3 49.9

101 10.1 7.8 11.8

130 19.5 15.8 23.6

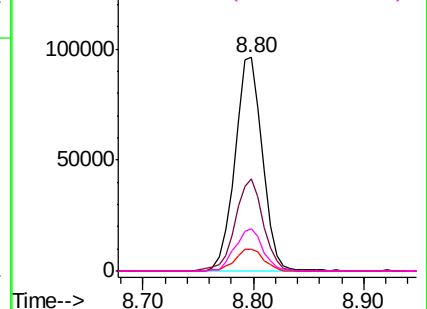
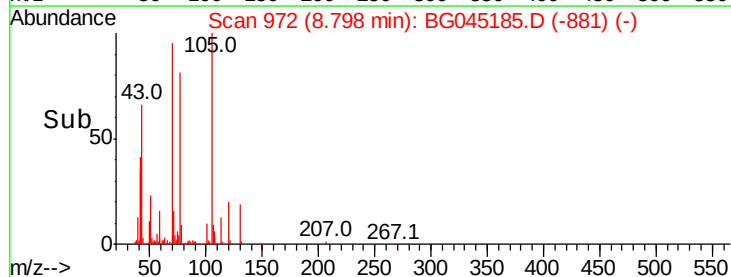


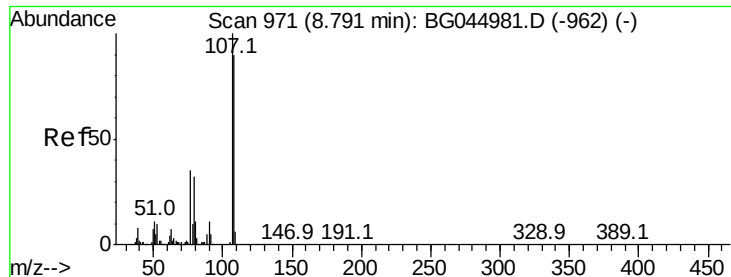
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

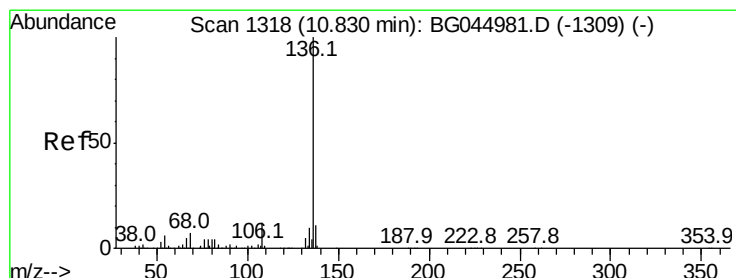
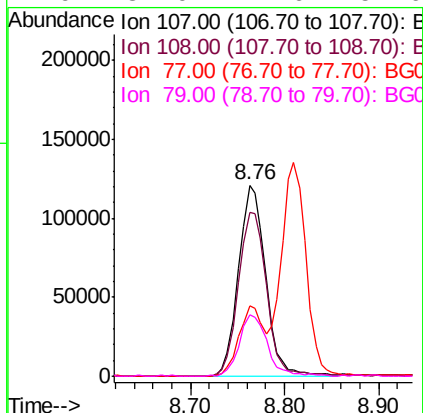
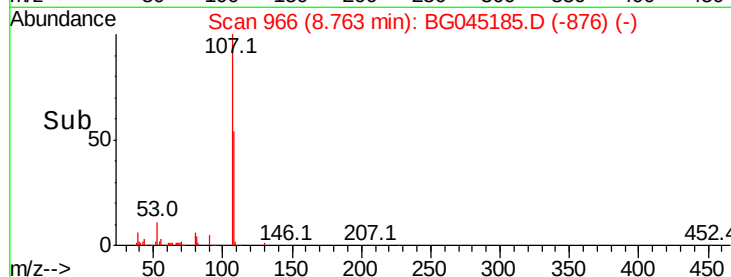
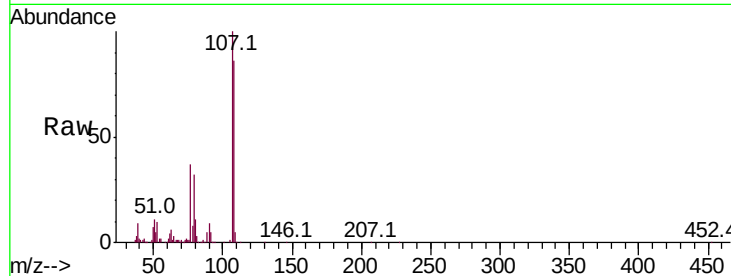




#20
3+4-Methylphenols
Concen: 40.722 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

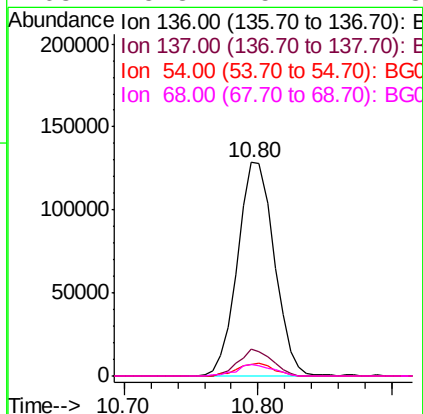
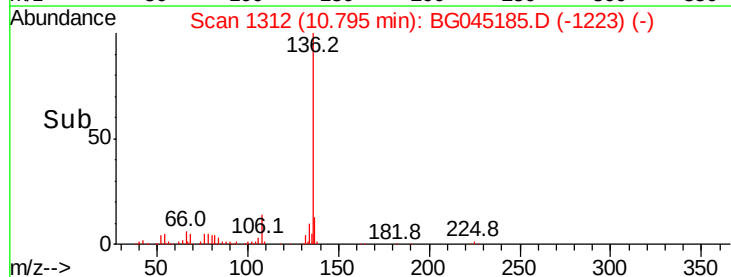
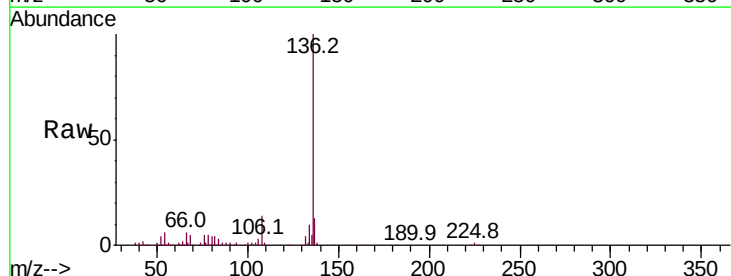
Instrument :
BNA_G
ClientSampleId :
TP-19AMS

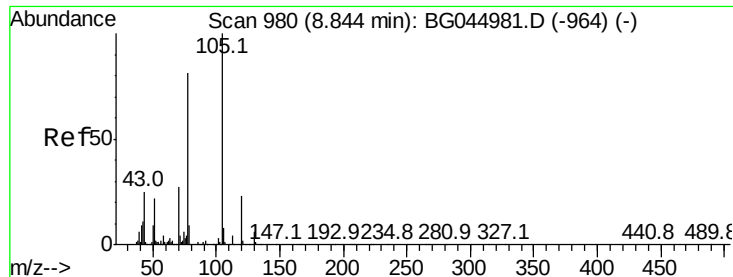
Tot Ion:	107	Resp:	242908
Ion	Ratio	Lower	Upper
107	100		
108	85.6	69.9	109.9
77	36.6	15.2	55.2
79	32.0	11.6	51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion:	136	Resp:	245521
Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.6	13.0
54	5.6	4.8	7.2
68	5.3	5.2	7.8





#22

Acetophenone

Concen: 45.335 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

Tot Ion:105 Resp: 301005

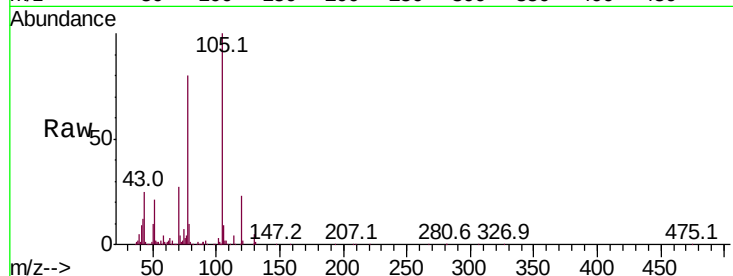
Ion Ratio Lower Upper

105 100

71 4.4 3.3 4.9

51 20.9 17.3 25.9

120 22.9 18.4 27.6

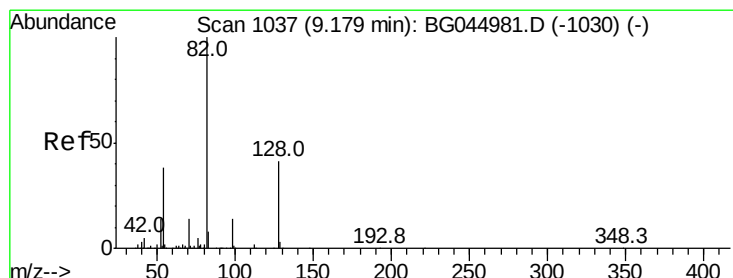
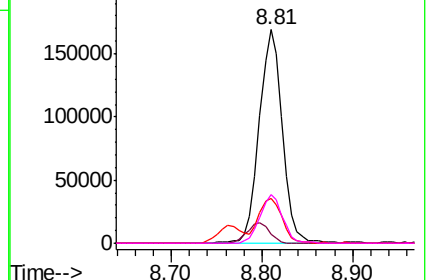
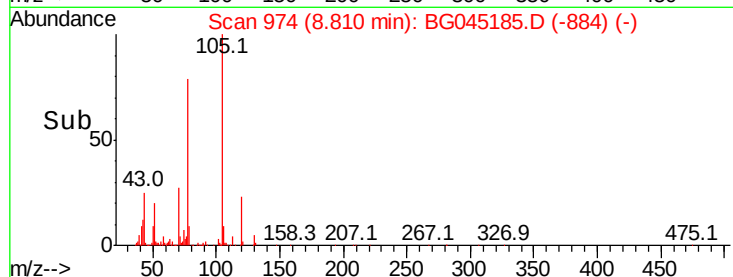


Abundance Ion 105.00 (104.70 to 105.70): E

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: 88.029 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

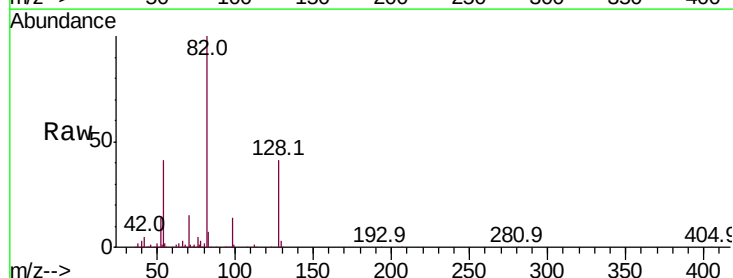
Tgt Ion: 82 Resp: 473670

Ion Ratio Lower Upper

82 100

128 41.3 33.0 49.4

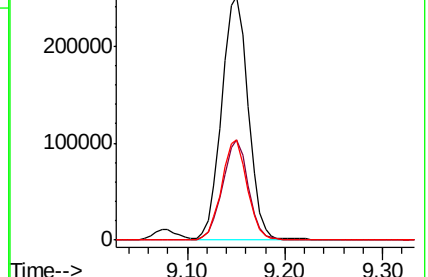
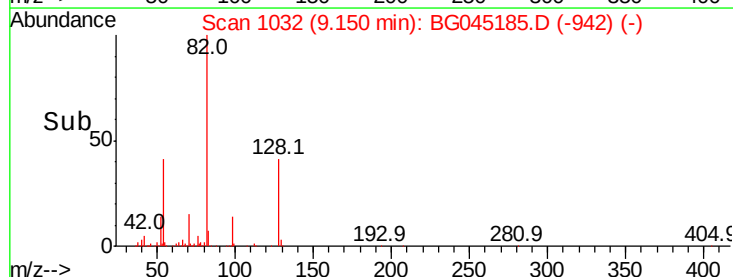
54 41.0 30.4 45.6

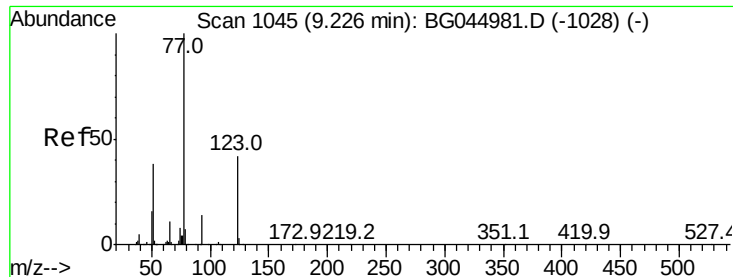


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

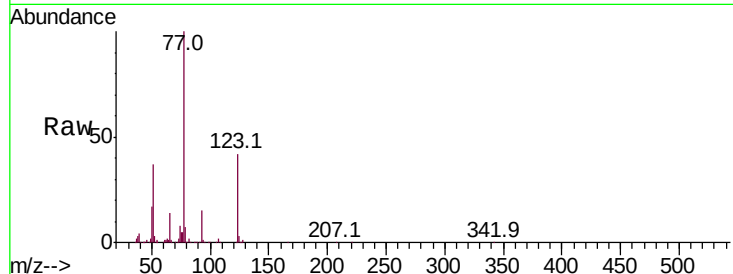




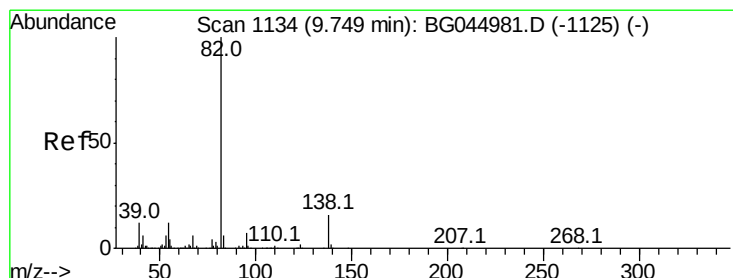
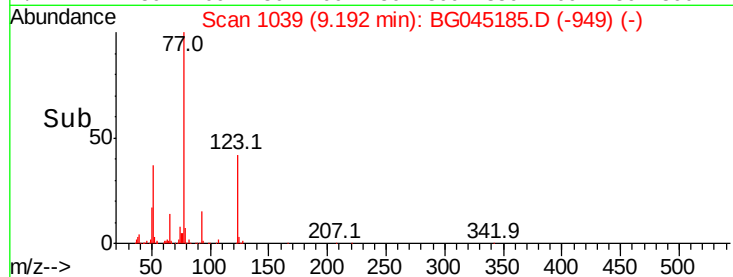
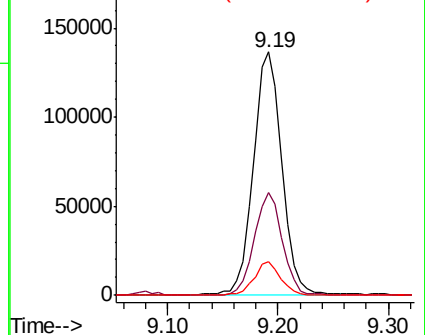
#24
 Nitrobenzene
 Concen: 45.077 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion	Ratio	Lower	Upper
77	100		
123	42.1	34.3	51.5
65	13.8	8.9	13.3#

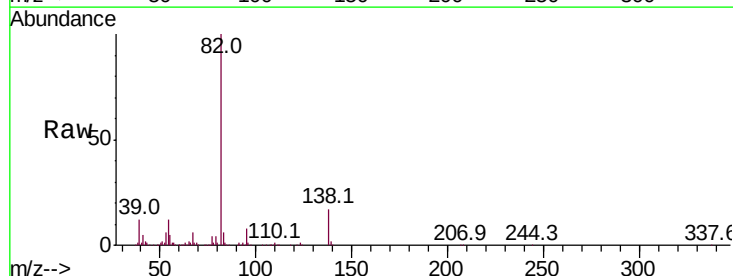


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

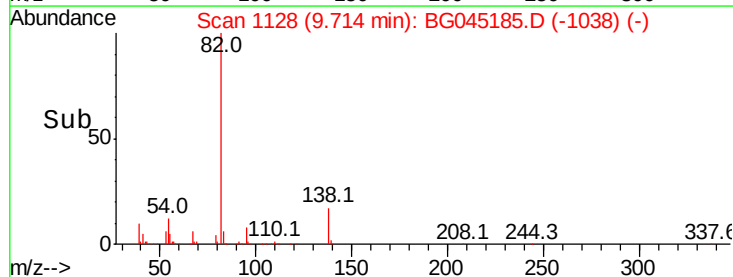
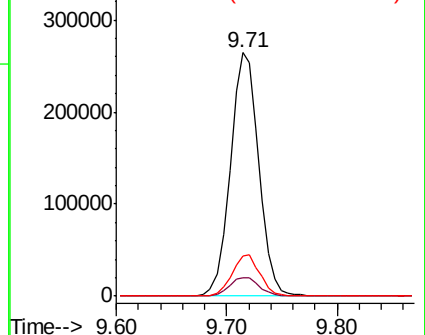


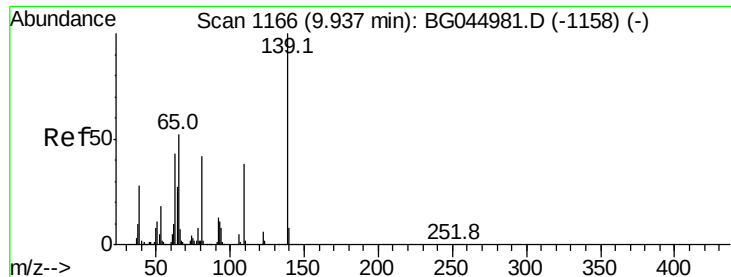
#25
 Isophorone
 Concen: 43.166 ng
 RT: 9.71 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.0	9.0
138	16.5	12.7	19.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 138.00 (137.70 to 138.70): BGC





#26

2-Nitrophenol

Concen: 48.516 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

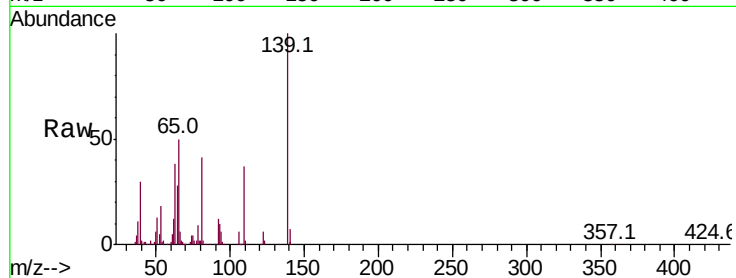
Tot Ion:139 Resp: 115264

Ion Ratio Lower Upper

139 100

109 36.7 30.6 45.8

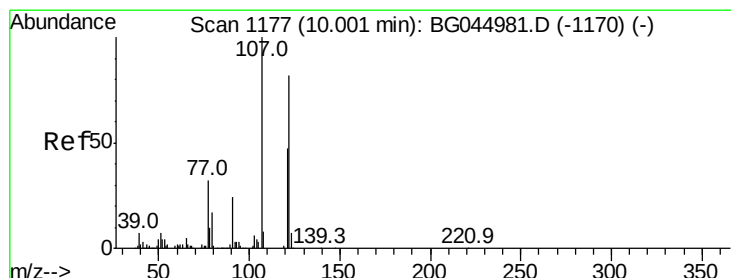
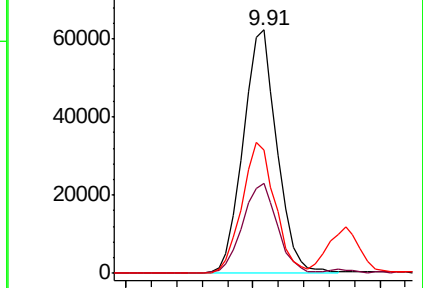
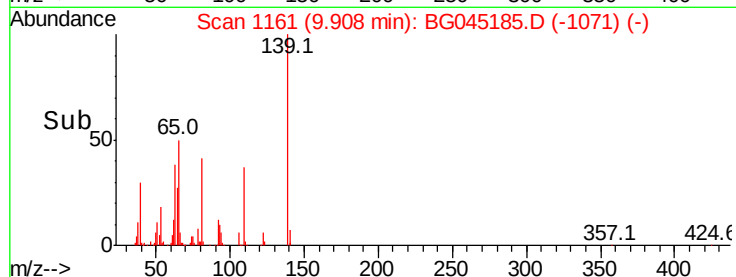
65 50.5 41.8 62.6



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: 46.891 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

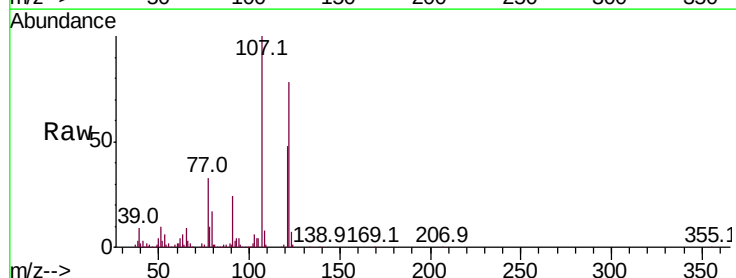
Tgt Ion:122 Resp: 176767

Ion Ratio Lower Upper

122 100

107 127.6 96.8 145.2

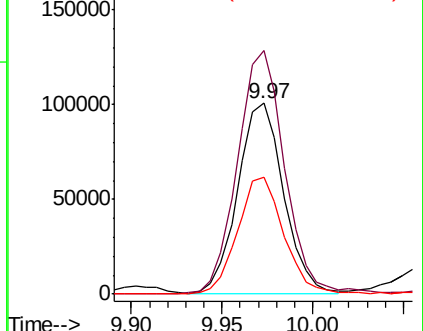
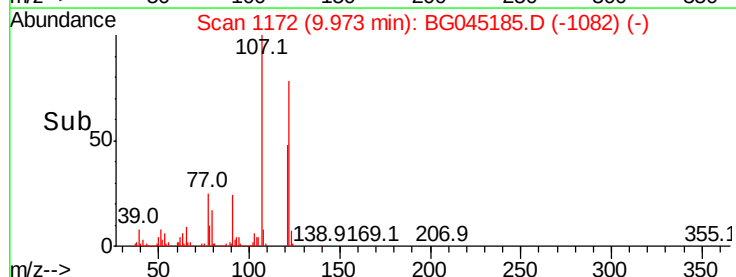
121 61.0 45.6 68.4

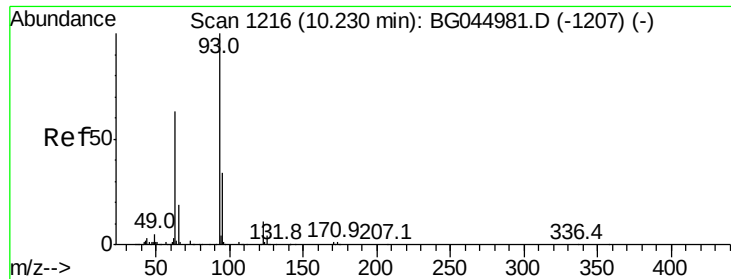


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

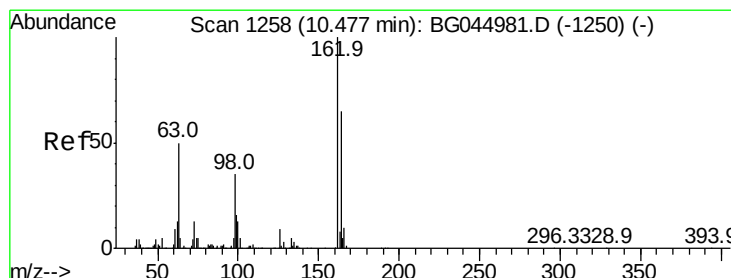
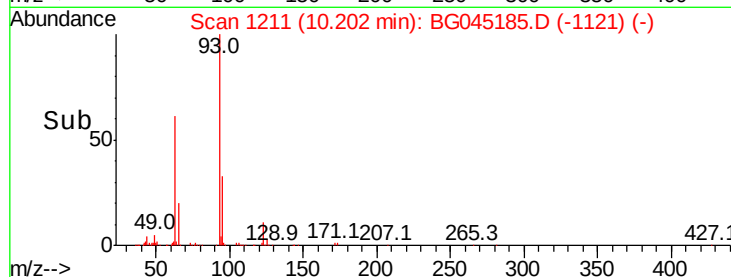
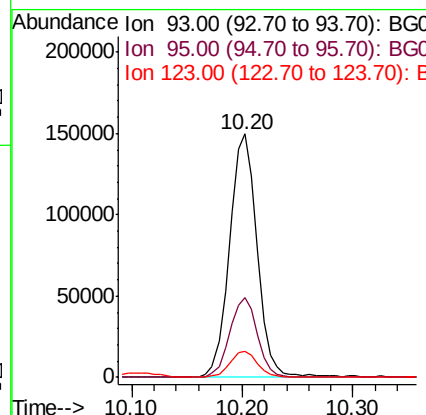
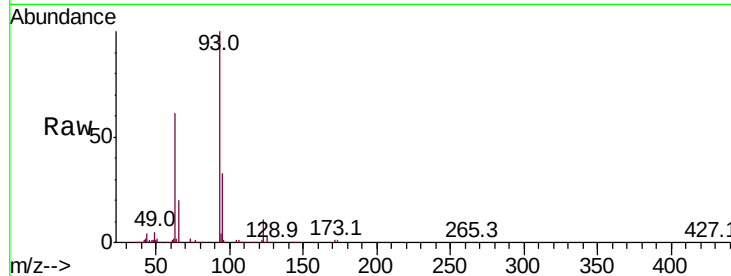




#28
bis(2-Chloroethoxy)methane
Concen: 45.198 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

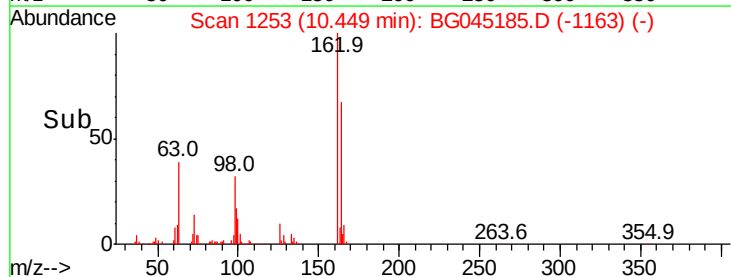
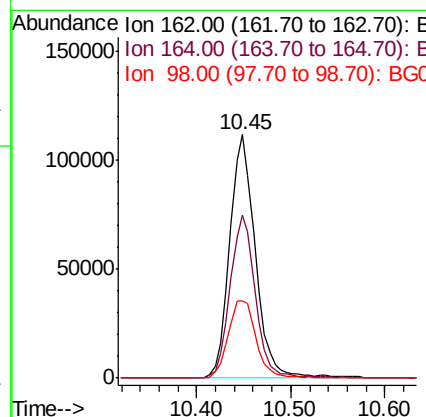
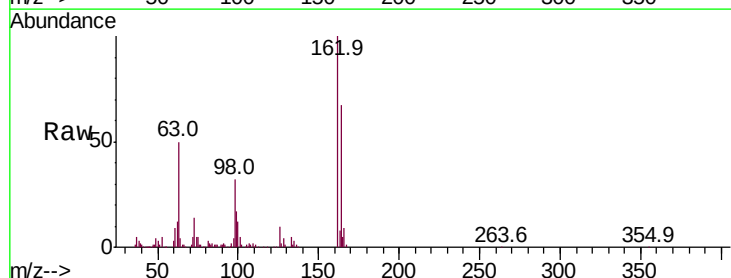
Instrument :
BNA_G
ClientSampleId :
TP-19AMS

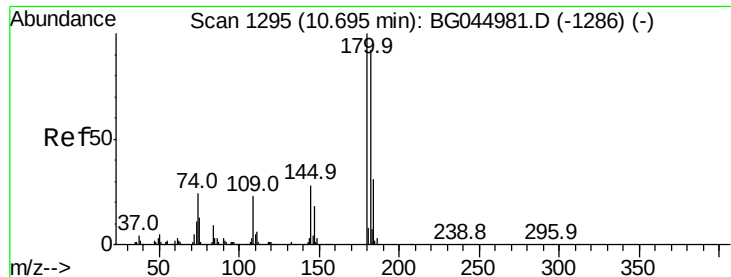
Tot Ion: 93 Resp: 261677
Ion Ratio Lower Upper
93 100
95 33.0 27.0 40.4
123 10.8 8.7 13.1



#29
2,4-Dichlorophenol
Concen: 48.553 ng
RT: 10.45 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion: 162 Resp: 211345
Ion Ratio Lower Upper
162 100
164 67.1 45.0 85.0
98 31.7 15.2 55.2

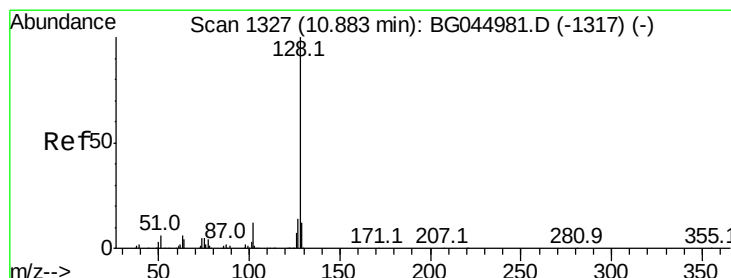
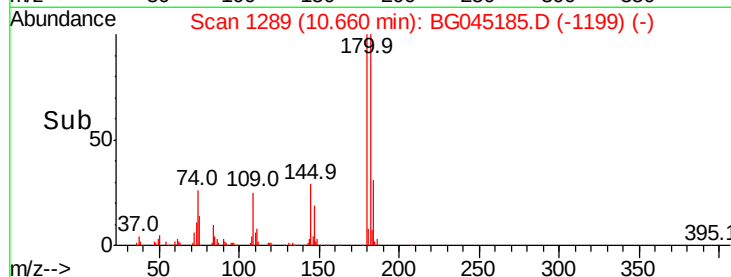
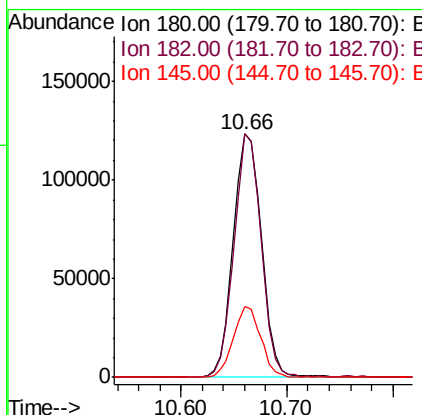
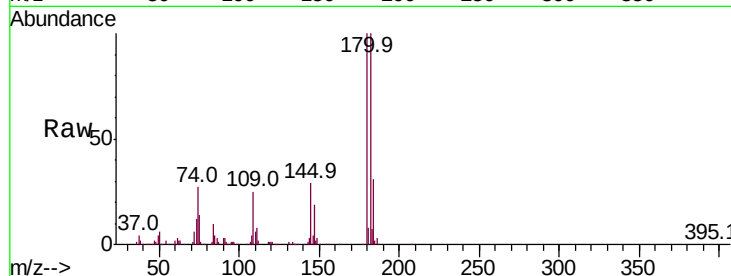




#30
 1,2,4-Trichlorobenzene
 Concen: 46.348 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

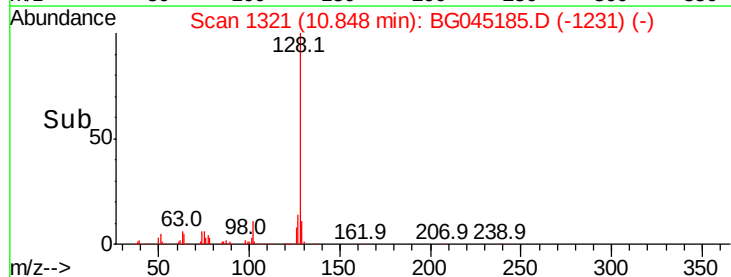
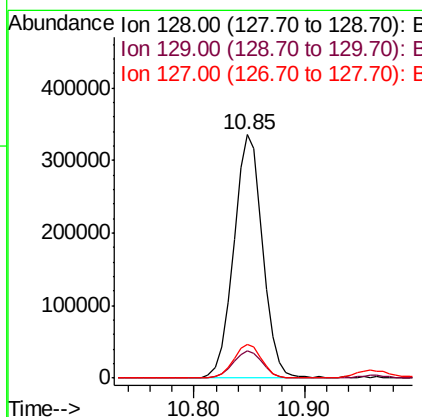
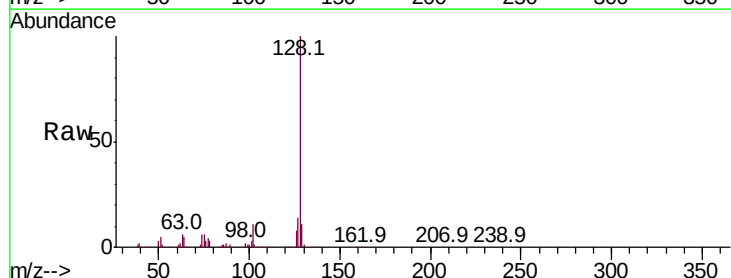
Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

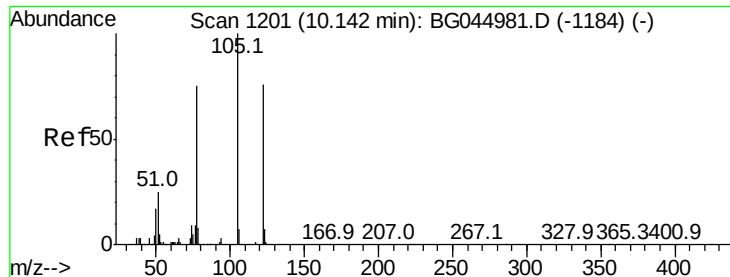
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.8	73.3	109.9
145	28.9	22.6	33.8



#31
 Naphthalene
 Concen: 45.765 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	14.0	10.8	16.2





#32

Benzoic acid

Concen: 41.189 ng

RT: 10.11 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

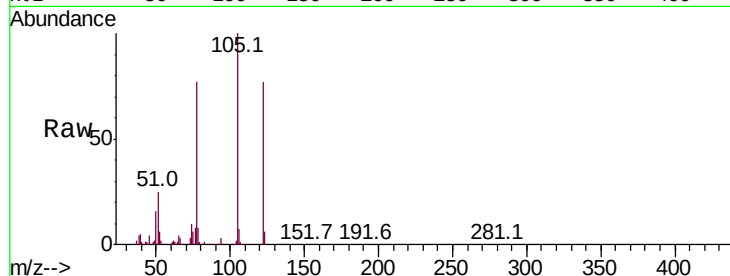
Tot Ion:122 Resp: 122260

Ion Ratio Lower Upper

122 100

105 129.6 108.4 148.4

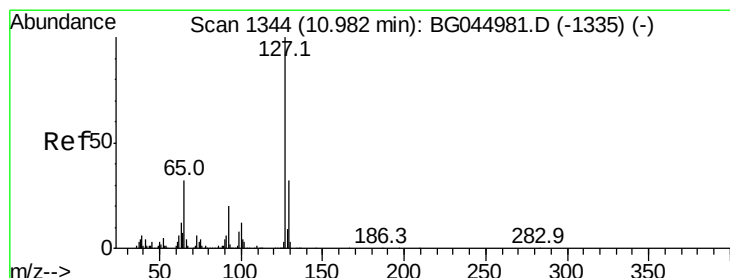
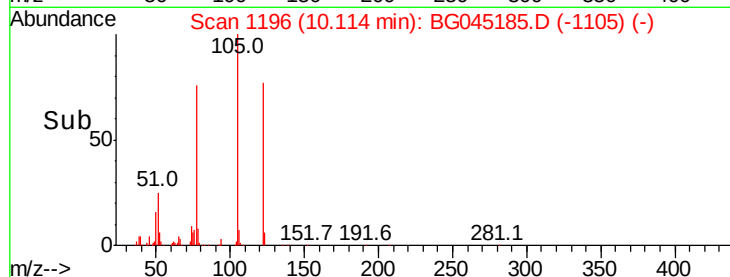
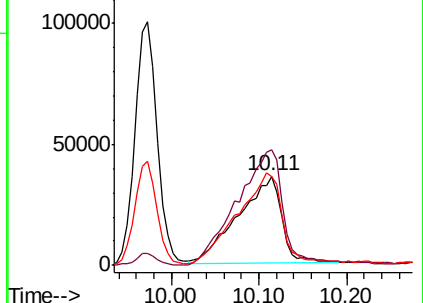
77 99.3 78.8 118.8



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: 3.874 ng

RT: 10.96 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion:127 Resp: 24267

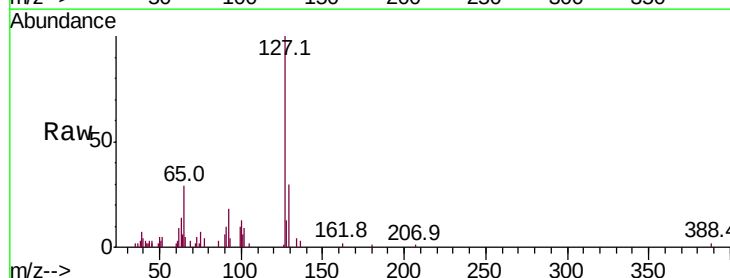
Ion Ratio Lower Upper

127 100

129 30.0 25.7 38.5

65 28.9 25.4 38.2

92 18.3 16.1 24.1

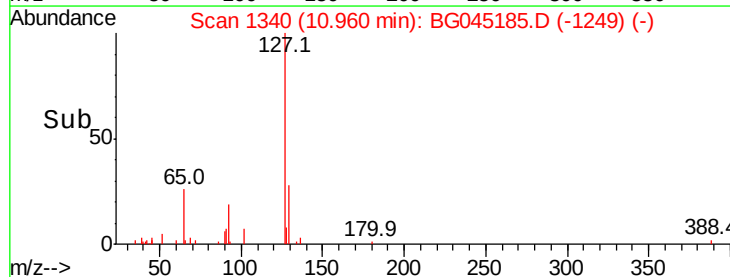
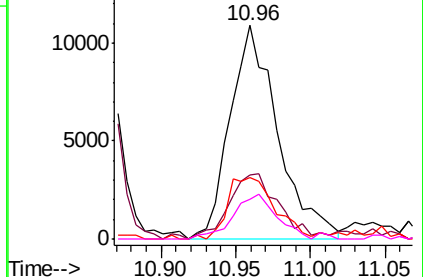


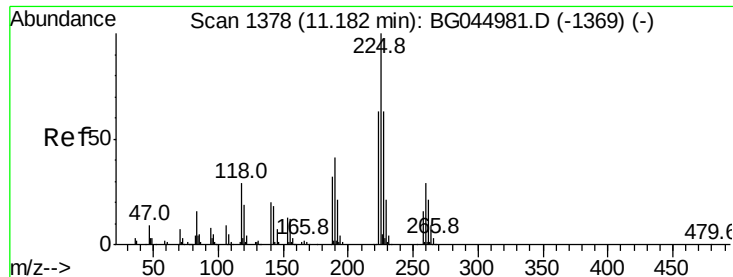
Abundance Ion 127.00 (126.70 to 127.70): E

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

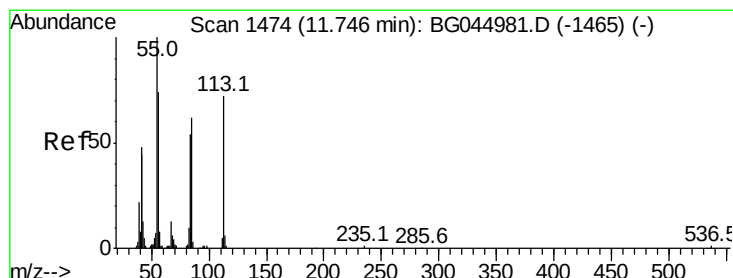
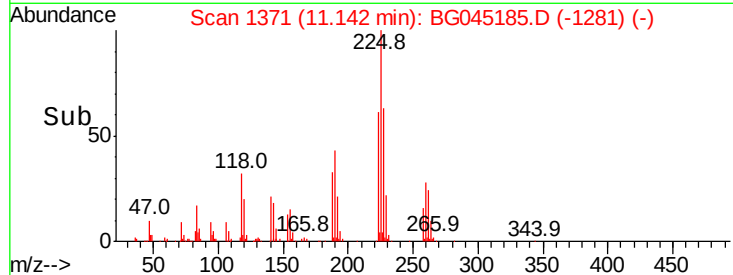
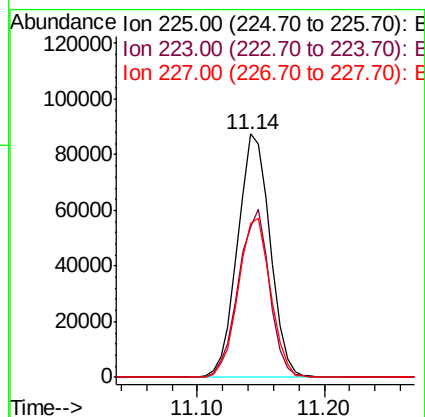
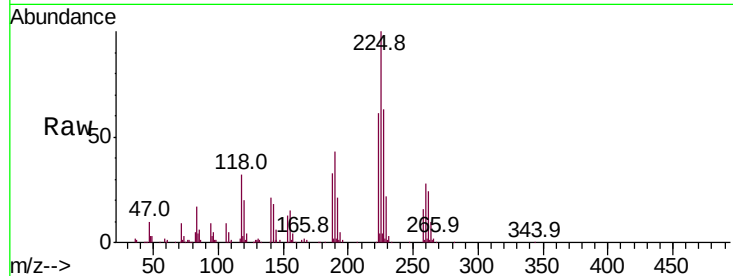




#34
Hexachlorobutadiene
Concen: 45.979 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

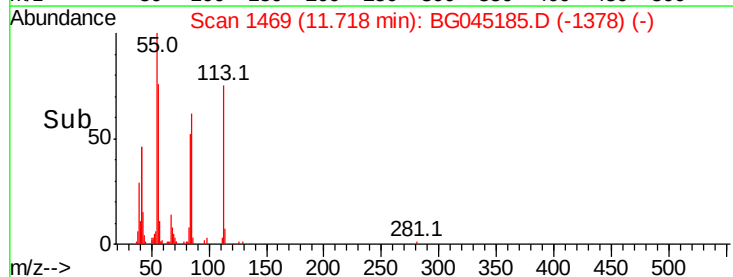
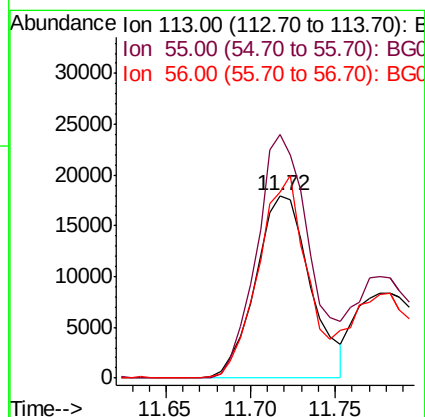
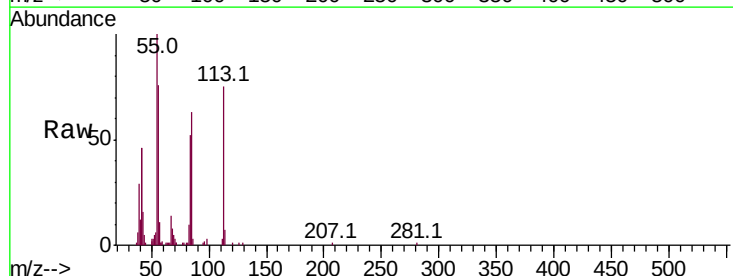
Instrument :
BNA_G
ClientSampleId :
TP-19AMS

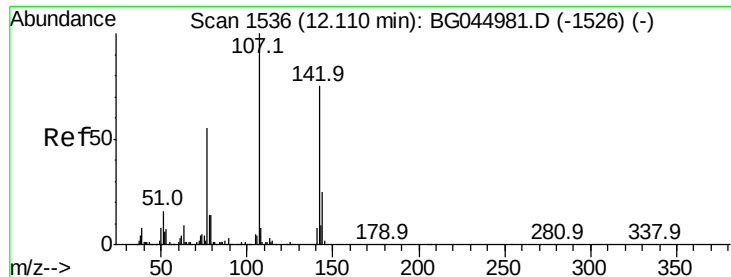
Tot Ion:225 Resp: 155361
Ion Ratio Lower Upper
225 100
223 61.5 50.7 76.1
227 63.3 50.2 75.2



#35
Caprolactam
Concen: 23.206 ng
RT: 11.72 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion:113 Resp: 40203
Ion Ratio Lower Upper
113 100
55 133.4 118.8 158.8
56 101.7 82.6 122.6

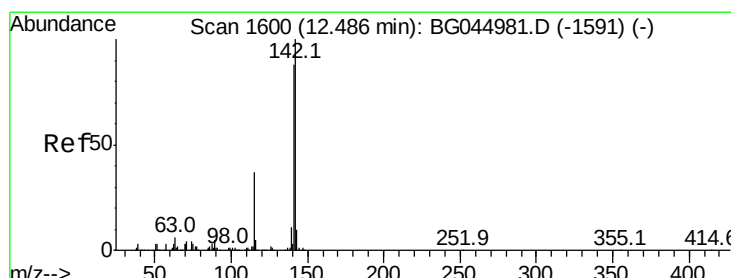
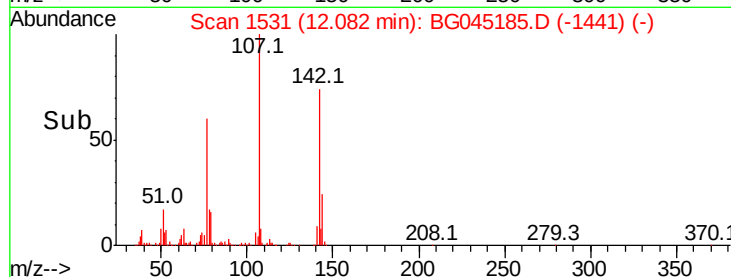
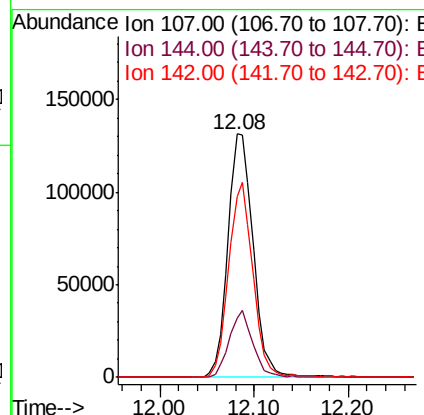
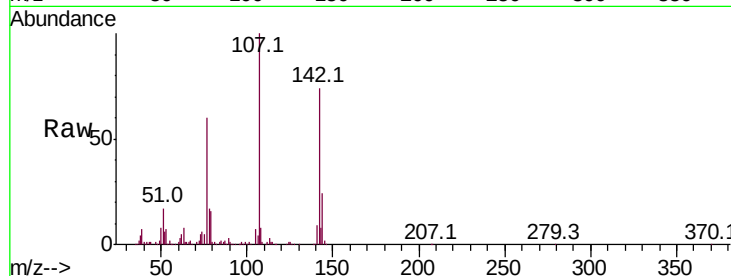




#36
 4-Chloro-3-methylphenol
 Concen: 48.236 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

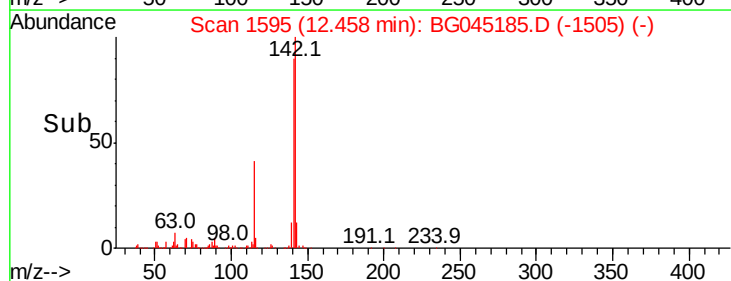
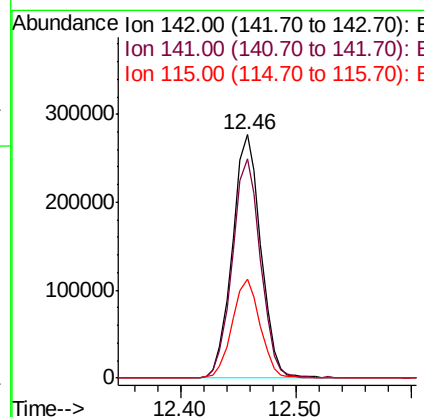
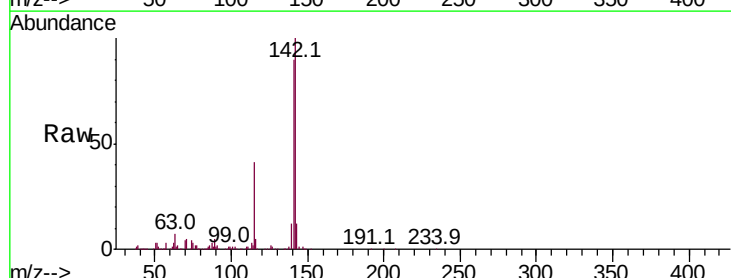
Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

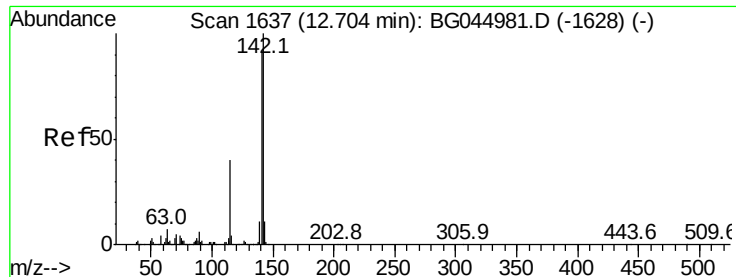
Tot Ion:	107	Resp:	246652
Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.8	29.6
142	74.2	59.7	89.5



#37
 2-Methylnaphthalene
 Concen: 45.385 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Tgt Ion:	142	Resp:	473145
Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.3	105.5
115	40.6	29.8	44.6





#38

1-Methylnaphthalene

Concen: 45.997 ng

RT: 12.68 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

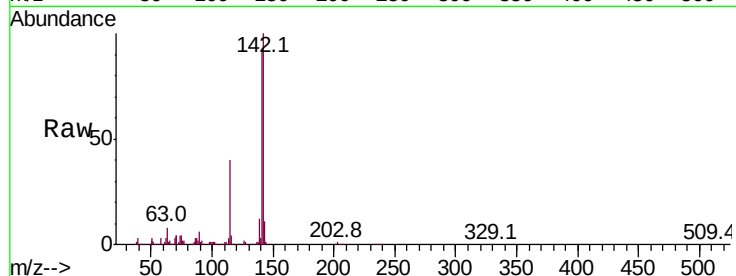
Tot Ion:142 Resp: 452692

Ion Ratio Lower Upper

142 100

141 91.8 72.7 109.1

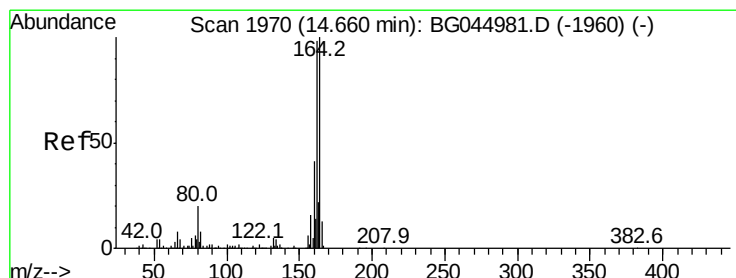
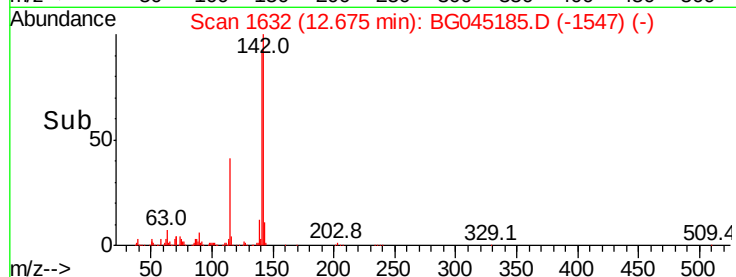
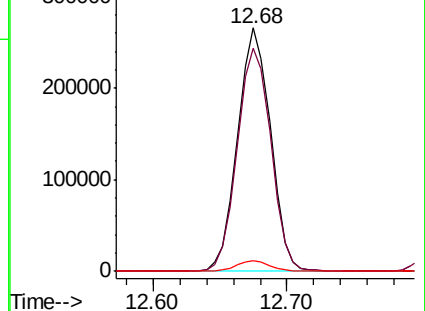
116 4.5 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

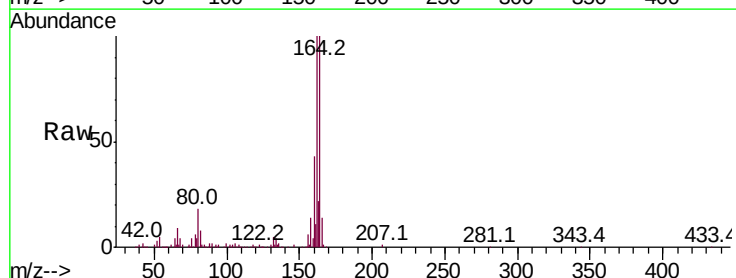
Tgt Ion:164 Resp: 189274

Ion Ratio Lower Upper

164 100

162 100.3 78.7 118.1

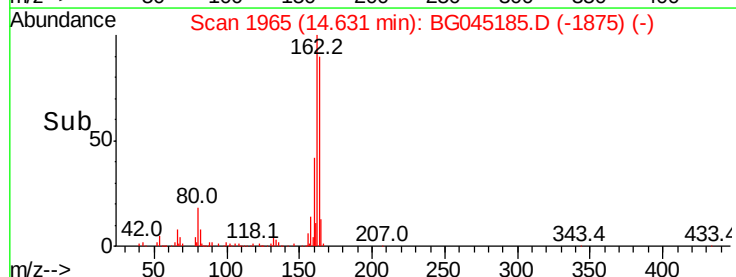
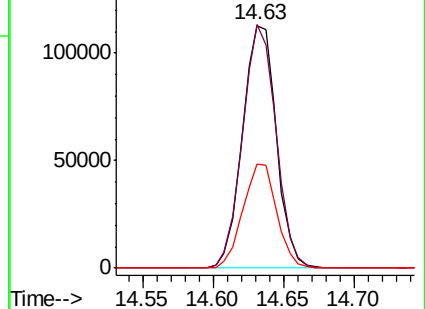
160 42.8 32.8 49.2

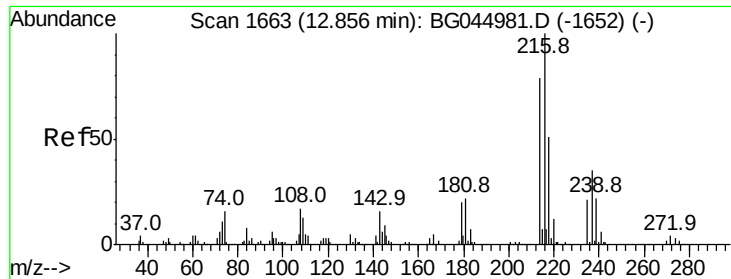


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.569 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

Tot Ion:216 Resp: 259419

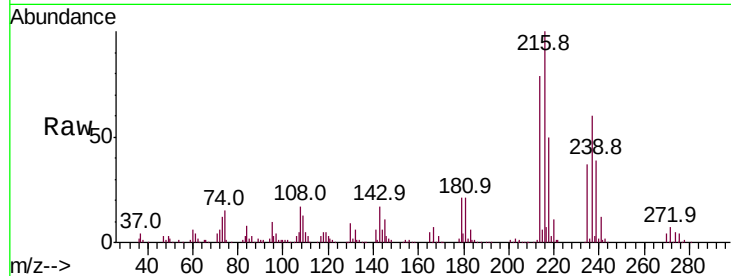
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.6

179 19.6 15.8 23.8

108 20.2 14.2 21.2

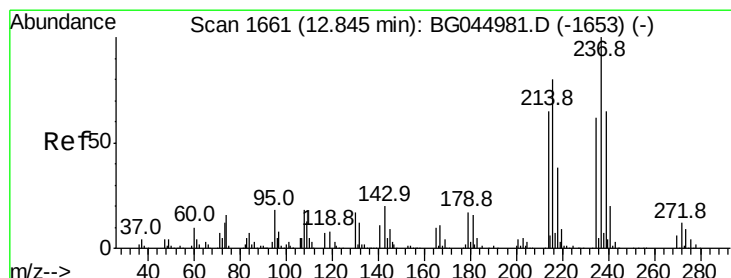
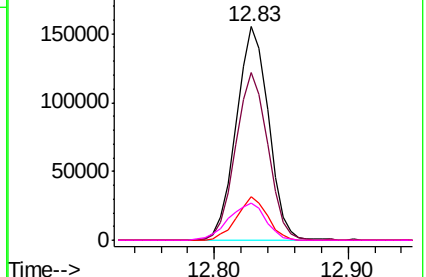
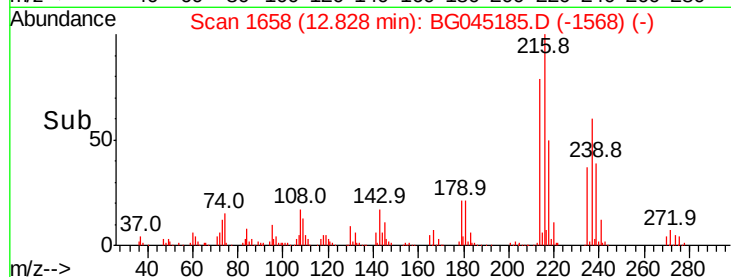


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.086 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

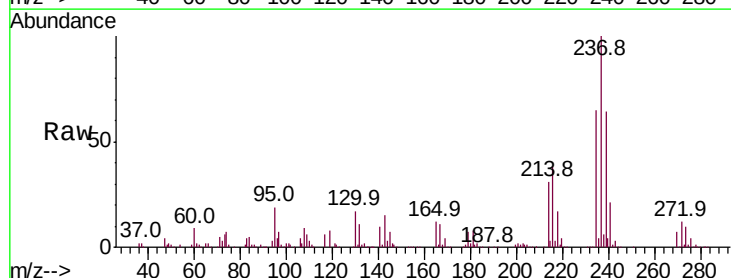
Tgt Ion:237 Resp: 373602

Ion Ratio Lower Upper

237 100

235 65.0 41.6 81.6

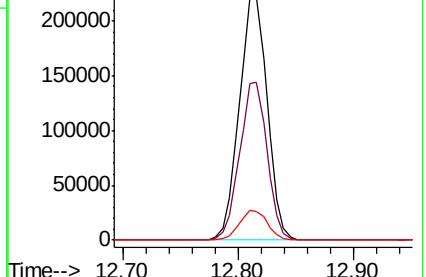
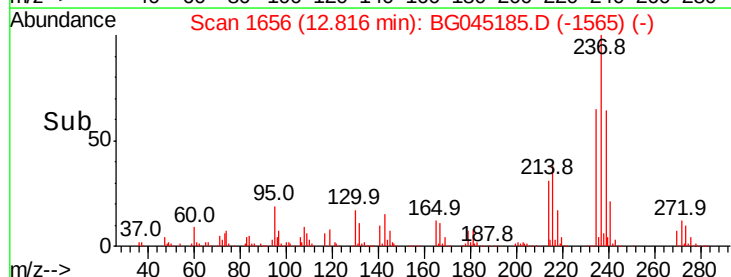
272 12.0 0.0 32.1

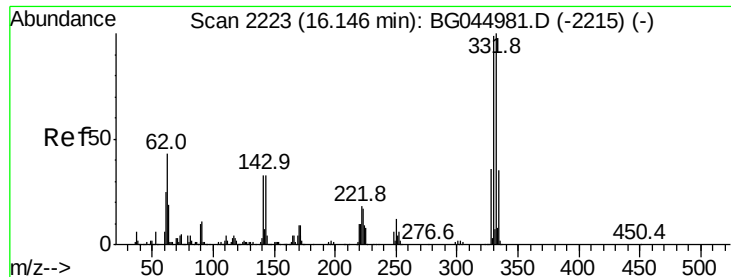


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

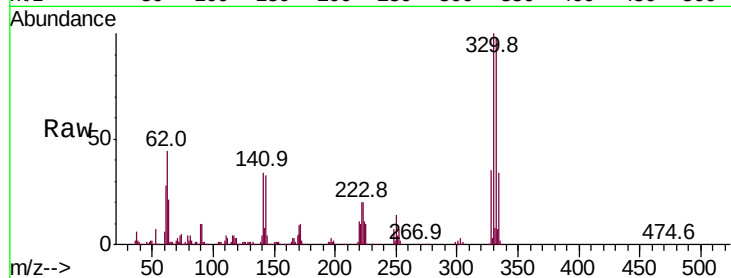




#42
 2,4,6-Tribromophenol
 Concen: 138.010 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.1	118.7
141	34.9	27.1	40.7

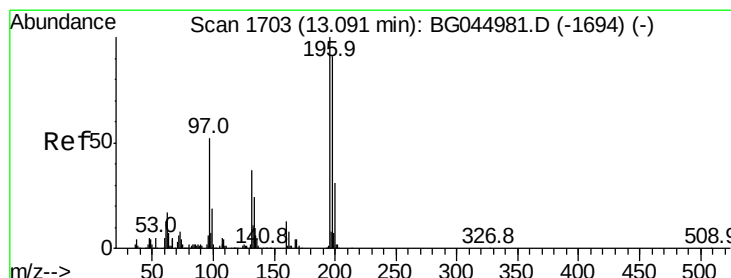
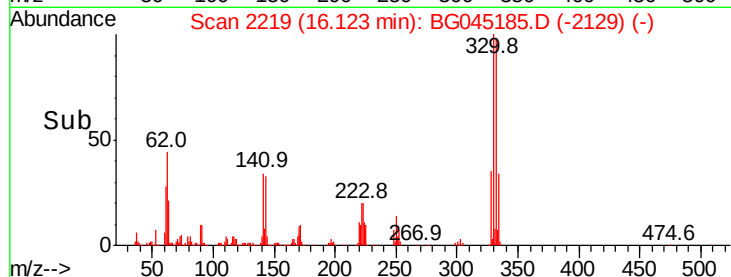
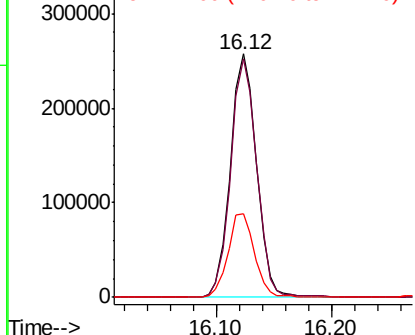


Abundance

Ion 329.80 (329.50 to 330.50): E

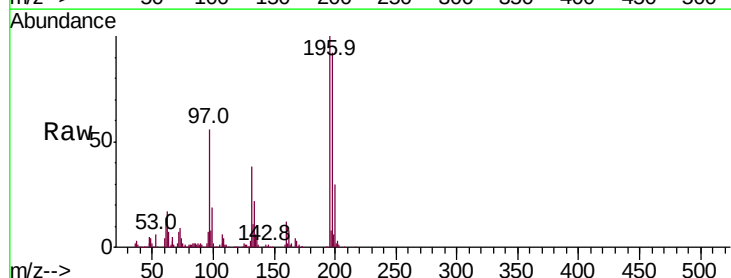
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 45.950 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	72.5	108.7
200	30.1	24.5	36.7

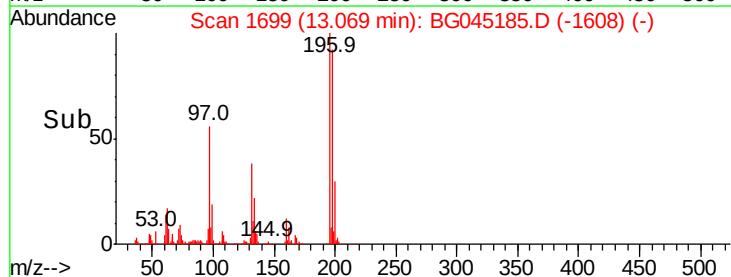
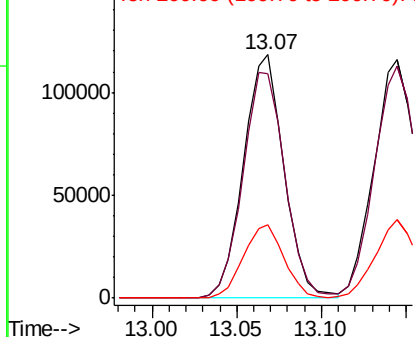


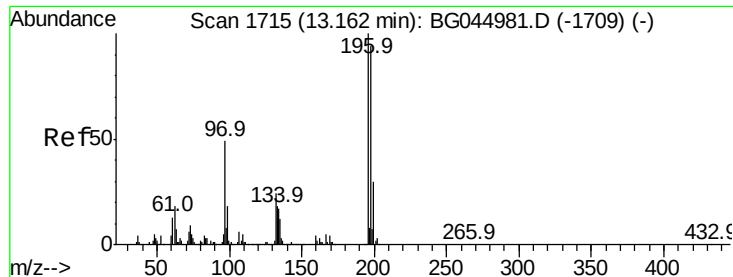
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

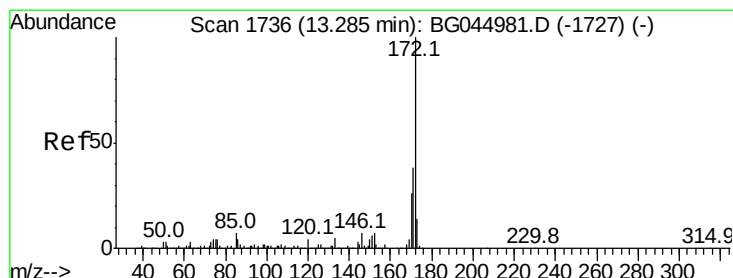
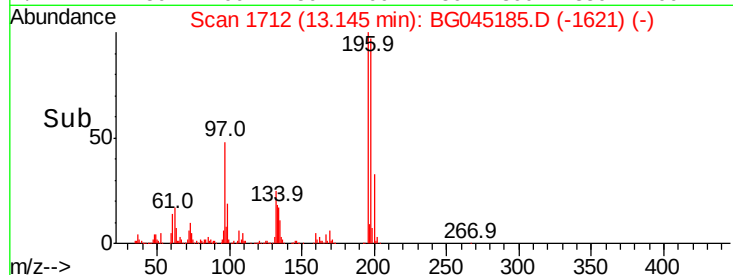
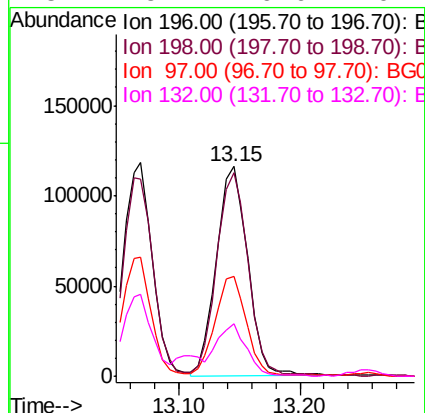
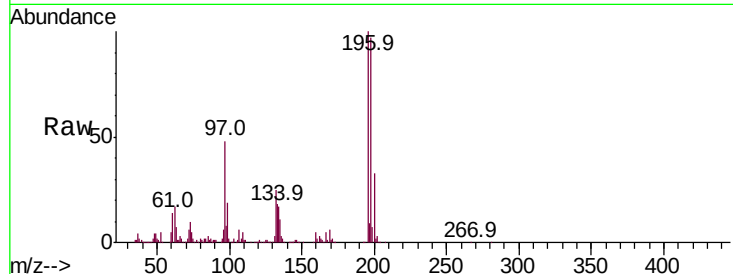




#44
2,4,5-Trichlorophenol
Concen: 42.391 ng
RT: 13.15 min Scan# 1712
Delta R.T. 0.01 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

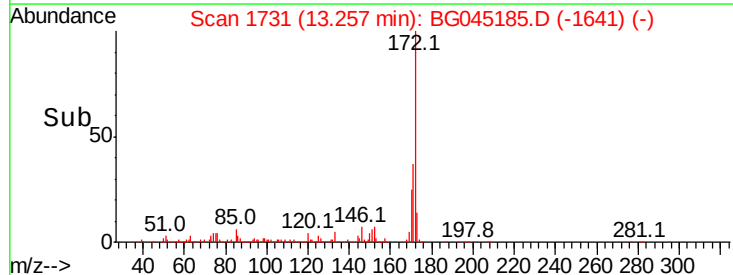
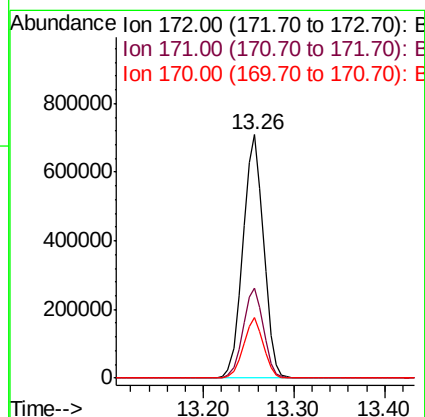
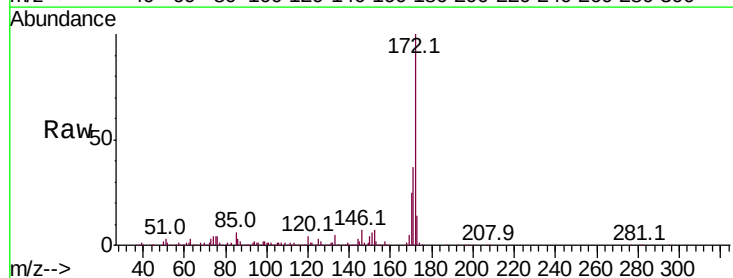
Instrument :
BNA_G
ClientSampleId :
TP-19AMS

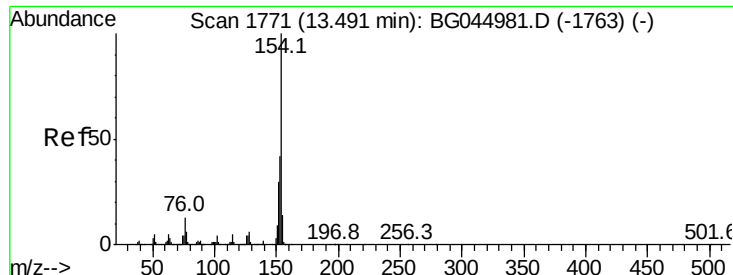
Tot Ion:	196	Resp:	207535
Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.7	113.5
97	48.0	39.6	59.4
132	25.1	19.6	29.4



#45
2-Fluorobiphenyl
Concen: 87.314 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion:	172	Resp:	1127061
Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	24.8	20.5	30.7

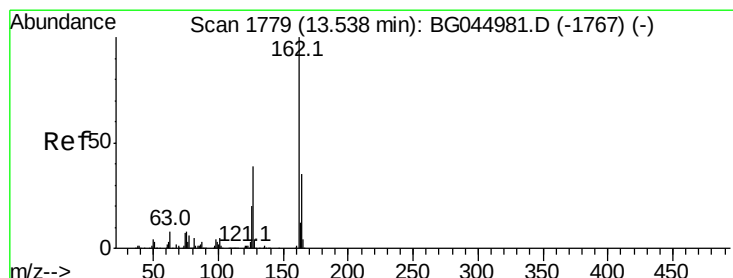
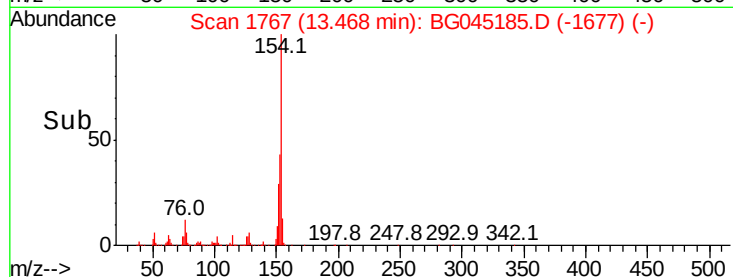
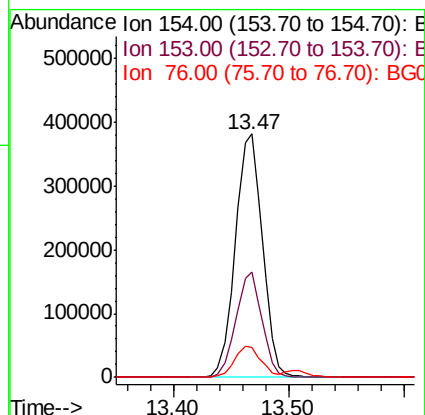
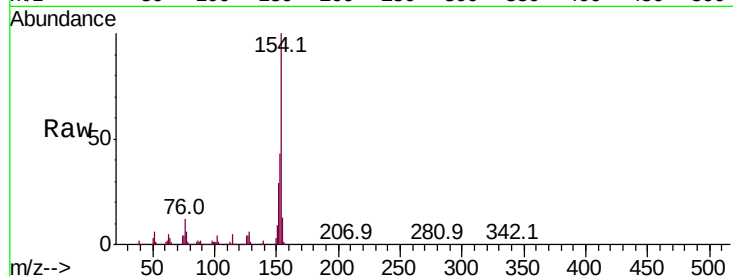




#46
1,1'-Biphenyl
Concen: 43.057 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

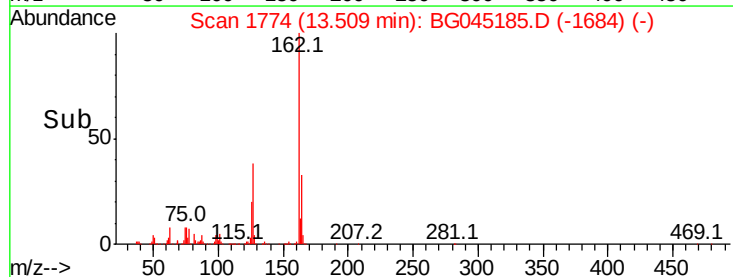
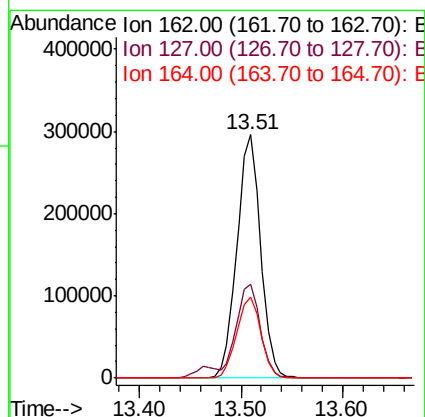
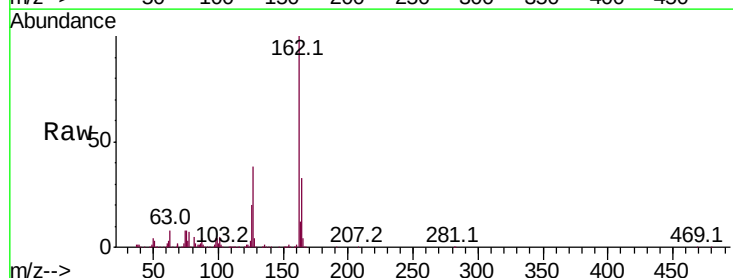
Instrument :
BNA_G
ClientSampleId :
TP-19AMS

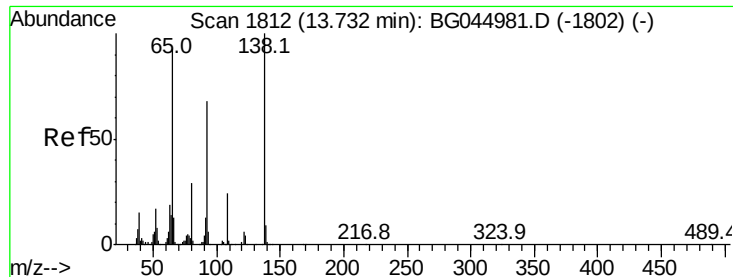
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.2	21.9	61.9
76	12.1	0.0	33.1



#47
2-Chloronaphthalene
Concen: 43.640 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.3	46.9
164	33.2	27.8	41.8

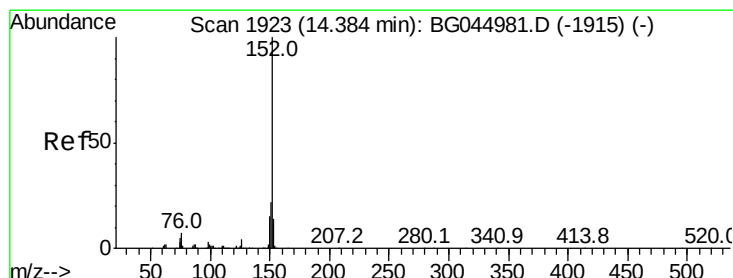
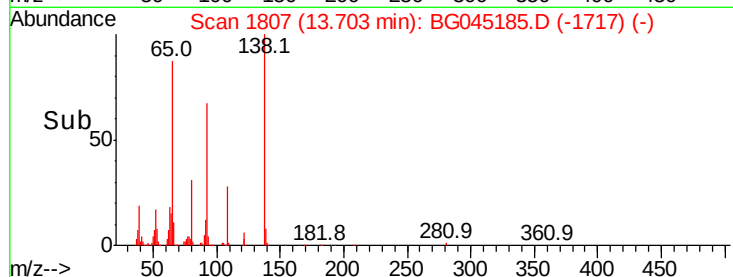
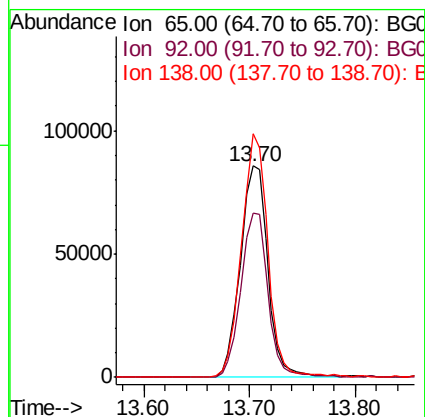
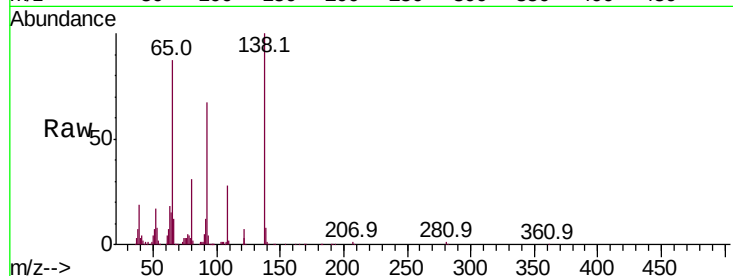




#48
2-Nitroaniline
Concen: 42.886 ng
RT: 13.70 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

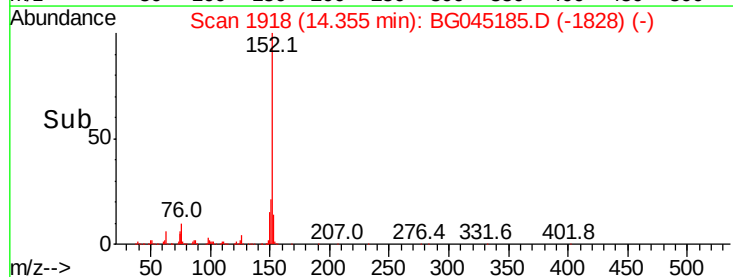
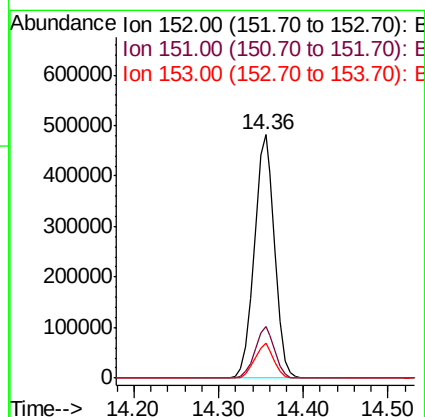
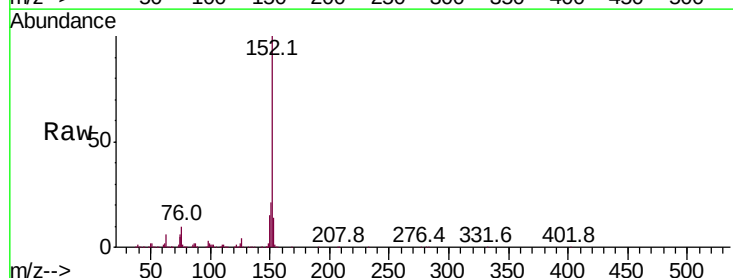
Instrument :
BNA_G
ClientSampleId :
TP-19AMS

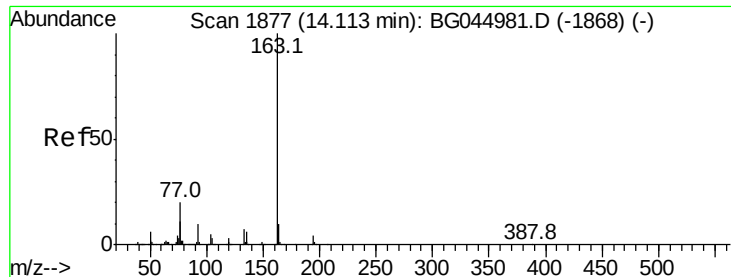
Tot Ion: 65 Resp: 155106
Ion Ratio Lower Upper
65 100
92 77.5 58.3 87.5
138 115.3 85.6 128.4



#49
Acenaphthylene
Concen: 45.212 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion: 152 Resp: 809530
Ion Ratio Lower Upper
152 100
151 21.4 17.2 25.8
153 14.3 11.0 16.4





#50

Dimethylphthalate

Concen: 45.606 ng

RT: 14.08 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

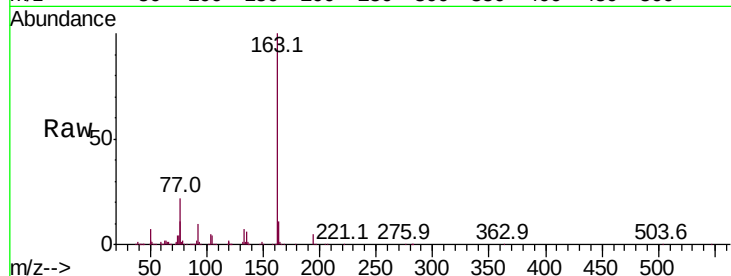
Tot Ion:163 Resp: 702862

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

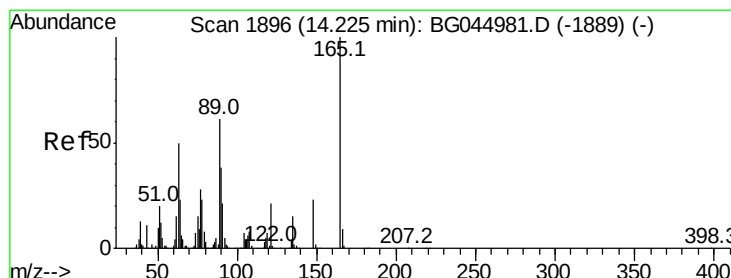
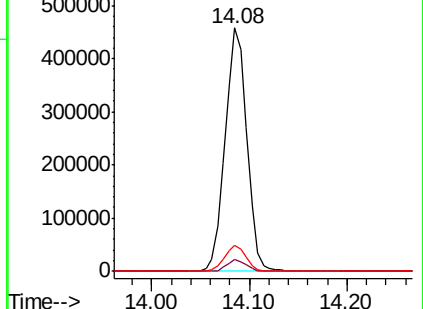
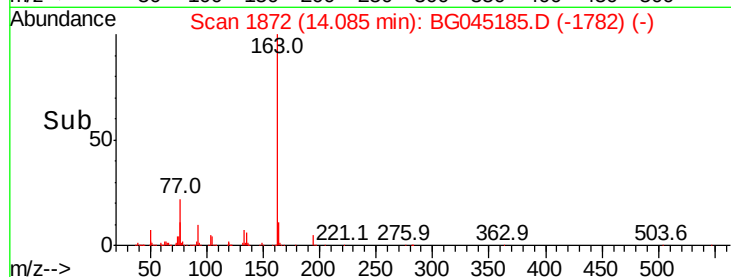
164 10.8 8.2 12.4



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: 46.596 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

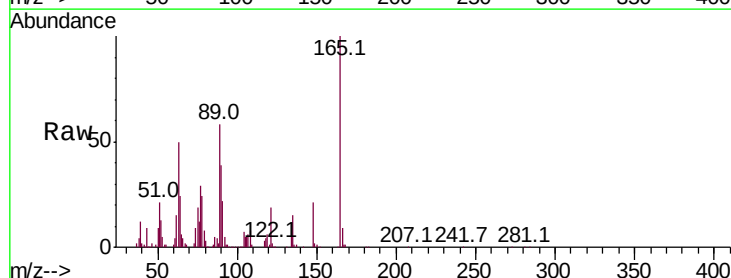
Tgt Ion:165 Resp: 160621

Ion Ratio Lower Upper

165 100

63 50.1 40.4 60.6

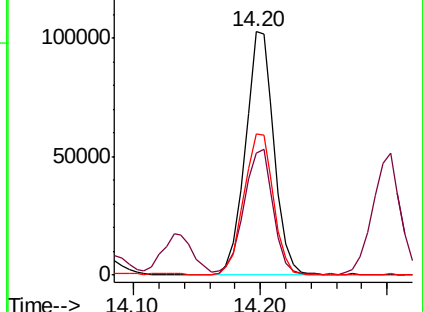
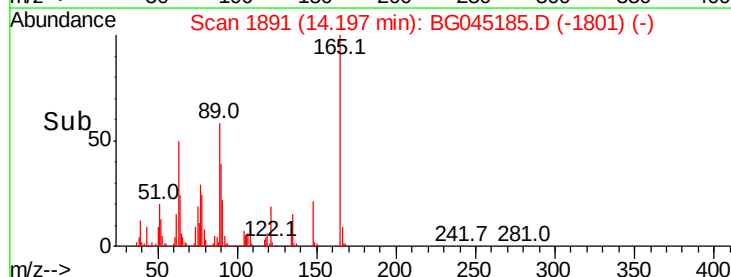
89 57.9 49.1 73.7

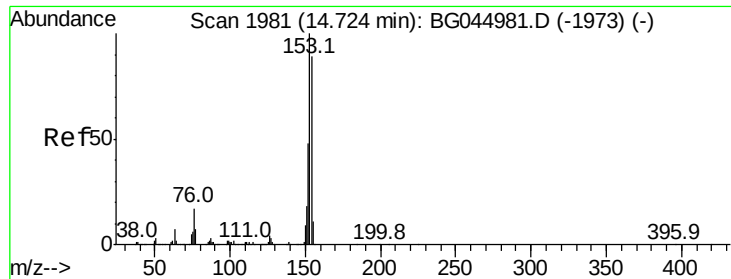


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 42.161 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

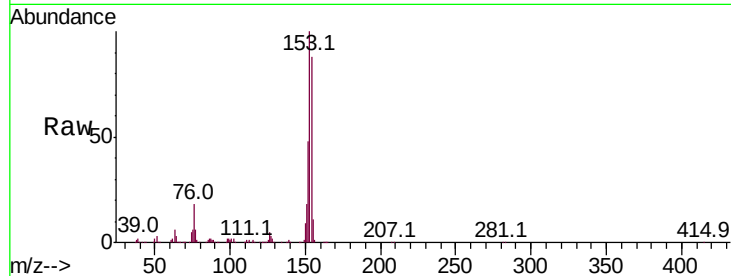
Tot Ion:154 Resp: 510766

Ion Ratio Lower Upper

154 100

153 113.4 89.7 134.5

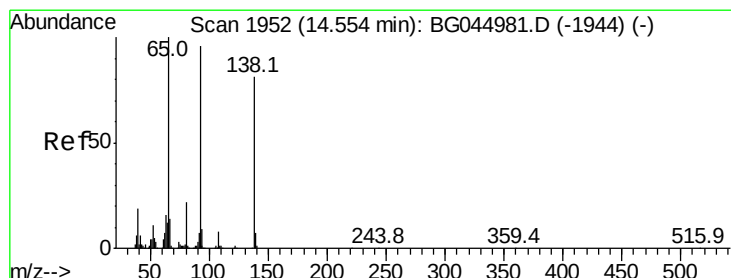
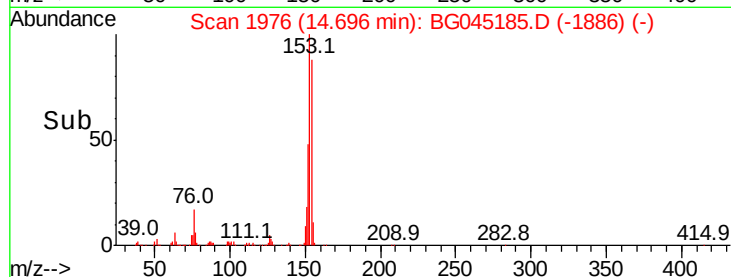
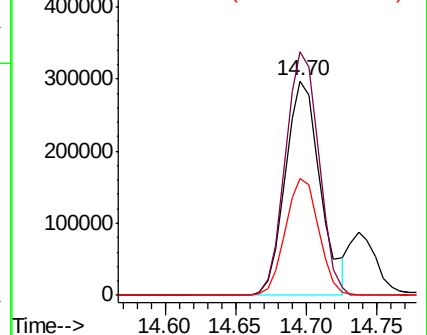
152 54.5 43.1 64.7



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: 10.816 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

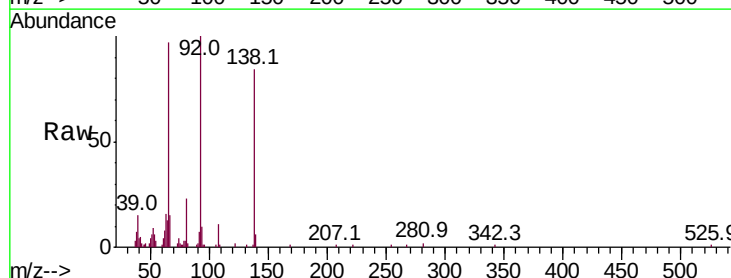
Tgt Ion:138 Resp: 40890

Ion Ratio Lower Upper

138 100

108 12.8 7.8 11.8#

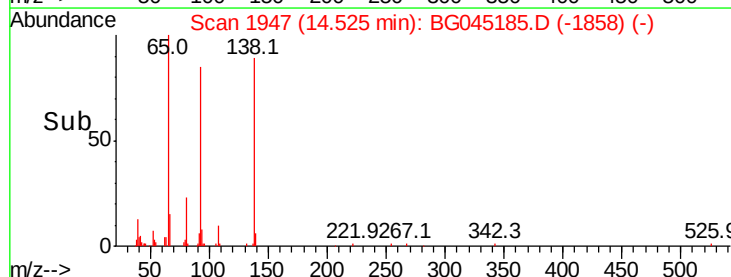
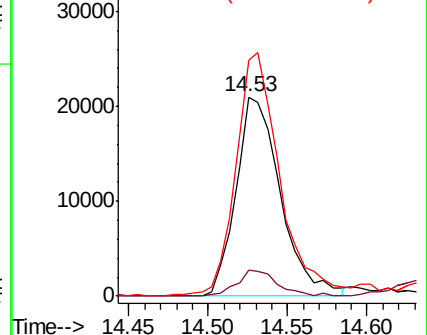
92 118.6 94.5 141.7

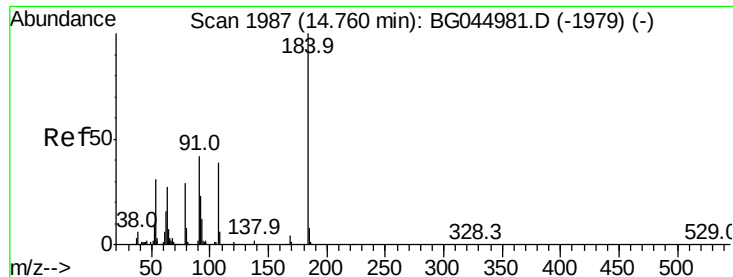


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

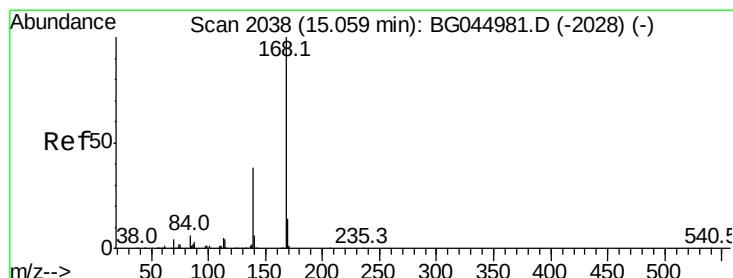
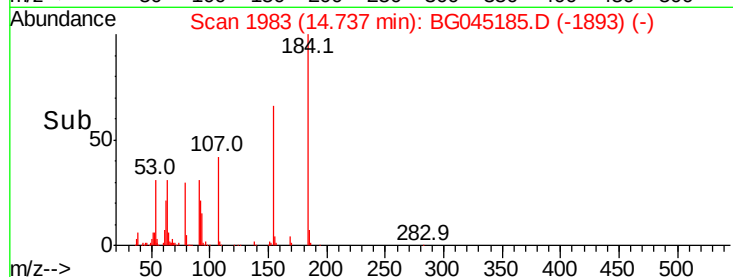
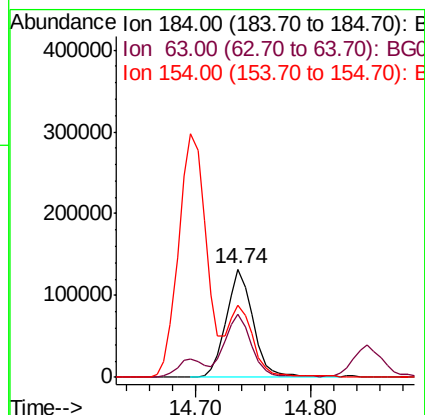
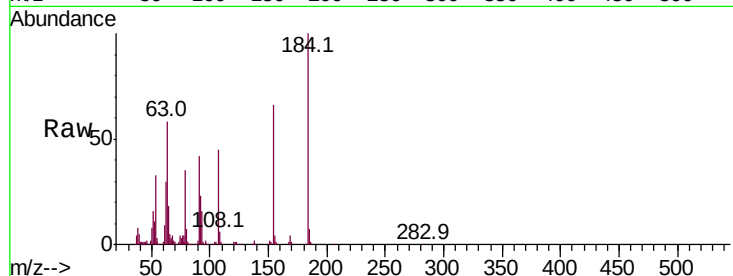




#54
2,4-Dinitrophenol
Concen: 105.049 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

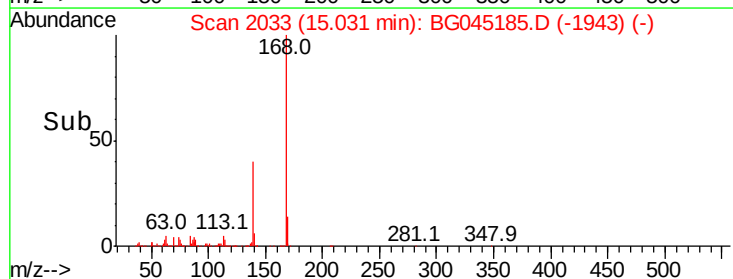
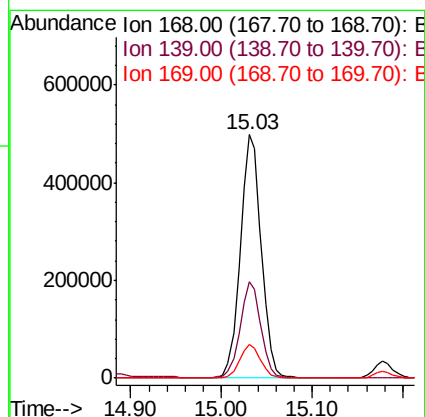
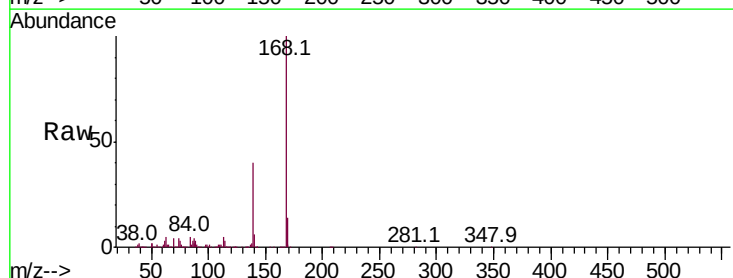
Instrument :
BNA_G
ClientSampleId :
TP-19AMS

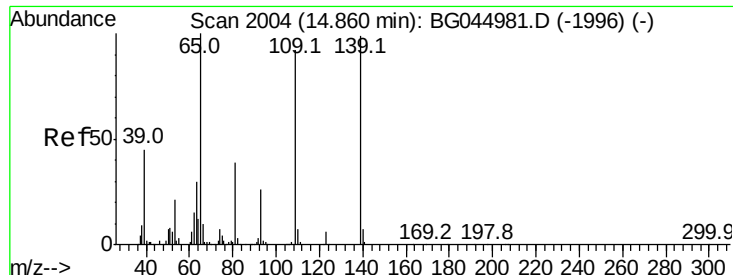
Tot Ion:184 Resp: 215325
Ion Ratio Lower Upper
184 100
63 57.9 41.5 62.3
154 66.4 52.3 78.5



#55
Dibenzofuran
Concen: 45.166 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion:168 Resp: 797733
Ion Ratio Lower Upper
168 100
139 39.7 30.4 45.6
169 13.9 11.0 16.4

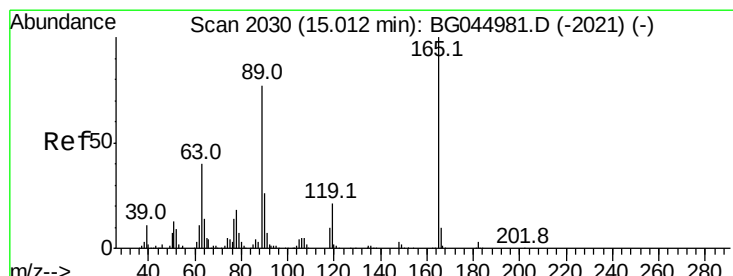
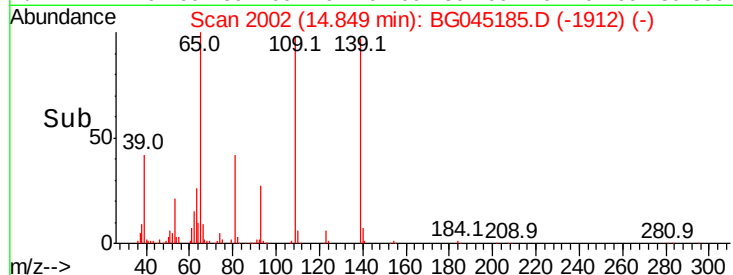
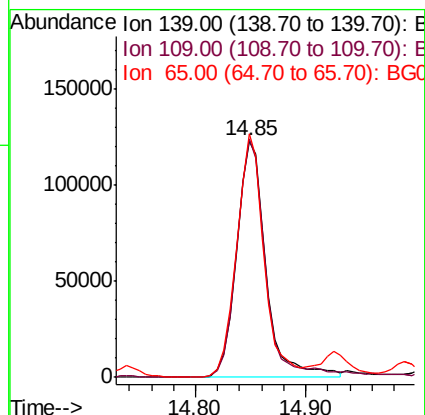
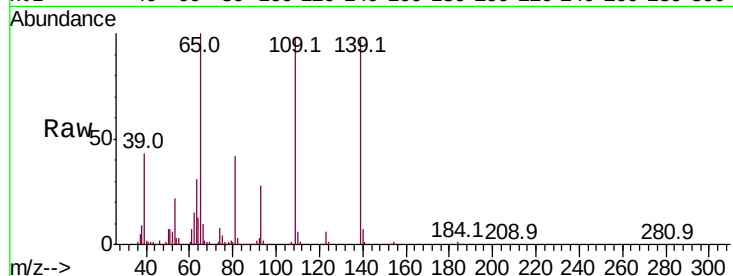




#56
4-Nitrophenol
Concen: 77.916 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

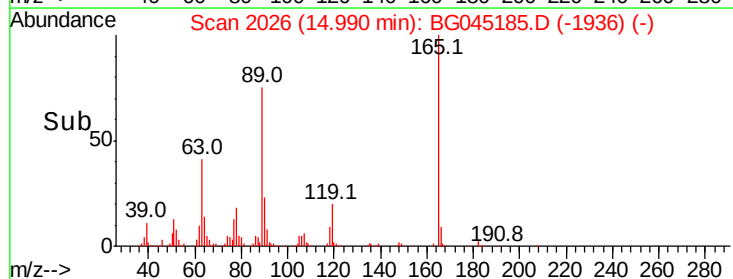
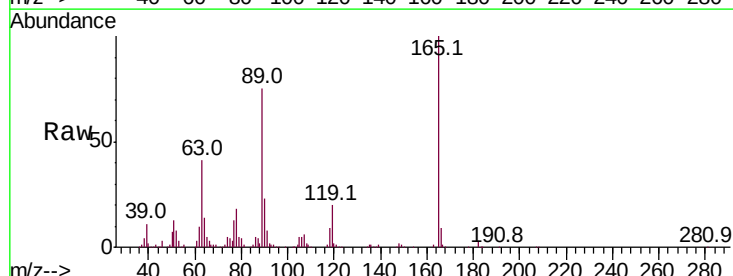
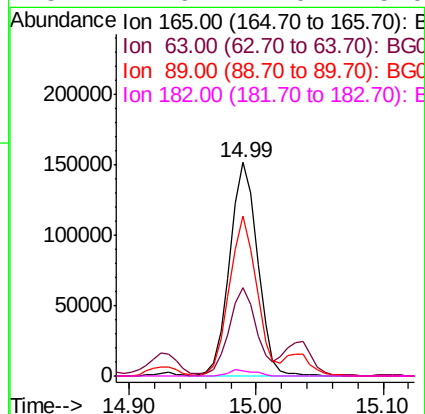
Instrument :
BNA_G
ClientSampleId :
TP-19AMS

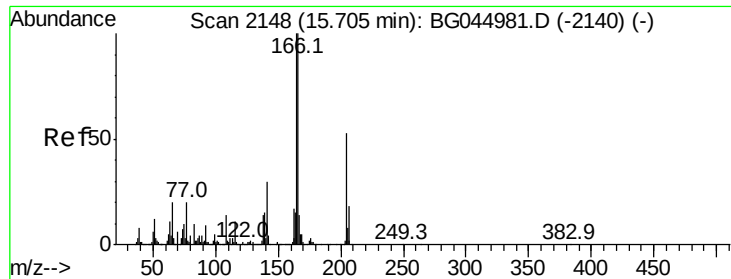
Tot Ion	Ratio	Lower	Upper
139	100		
109	100.9	73.6	113.6
65	102.9	81.2	121.2



#57
2,4-Dinitrotoluene
Concen: 45.460 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.3	32.2	48.2
89	74.8	61.7	92.5
182	2.6	2.0	3.0

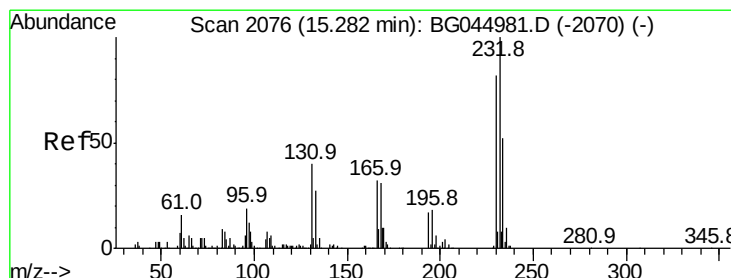
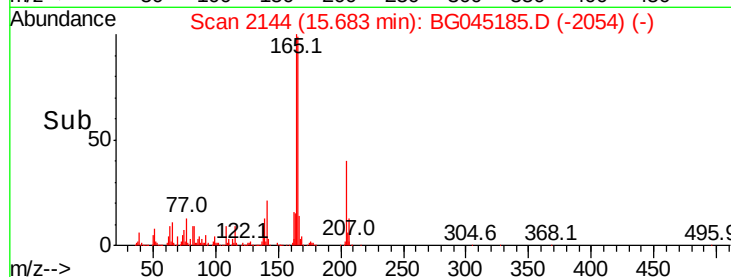
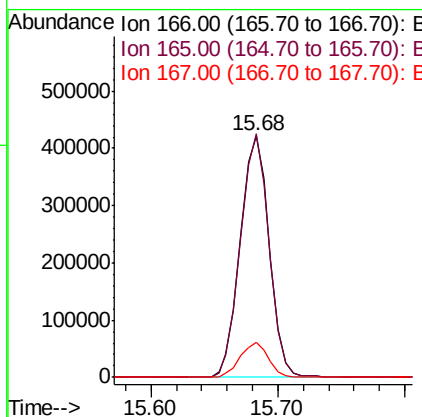
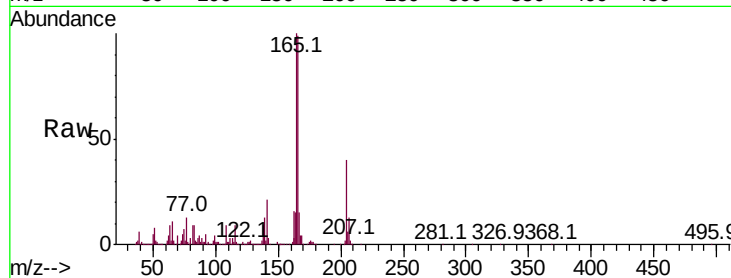




#58
 Fluorene
 Concen: 46.493 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

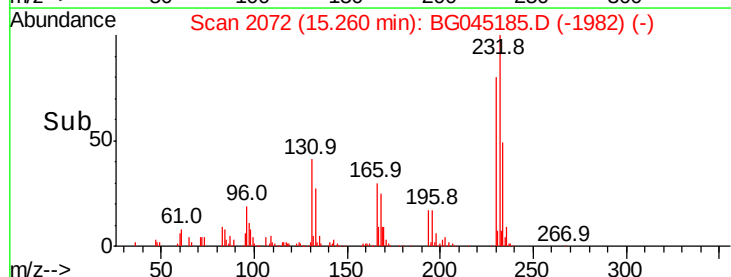
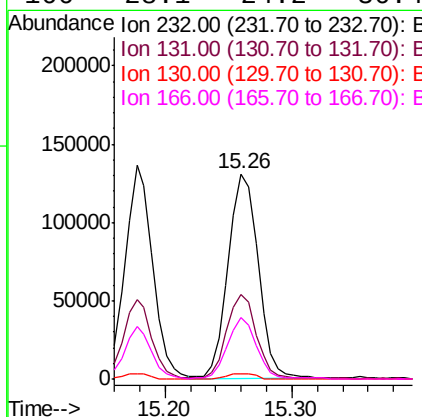
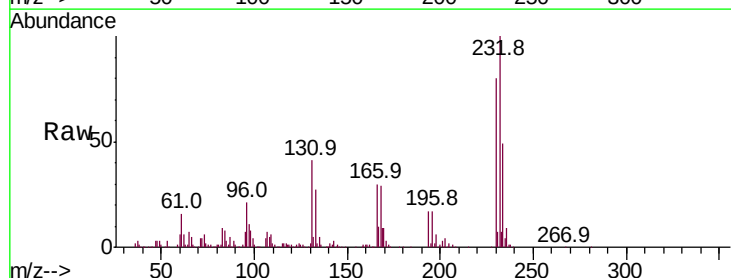
Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

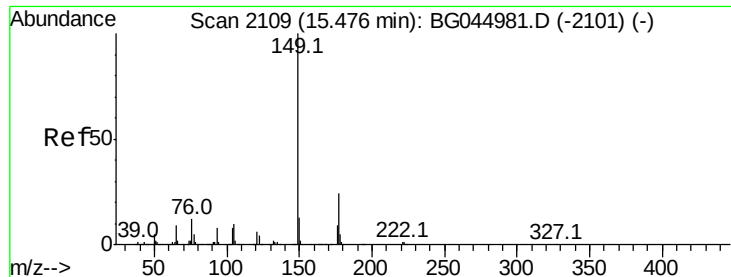
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.9	119.9
167	14.7	11.4	17.0



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.319 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.8	32.2	48.2
130	2.4	2.2	3.2
166	28.1	24.2	36.4

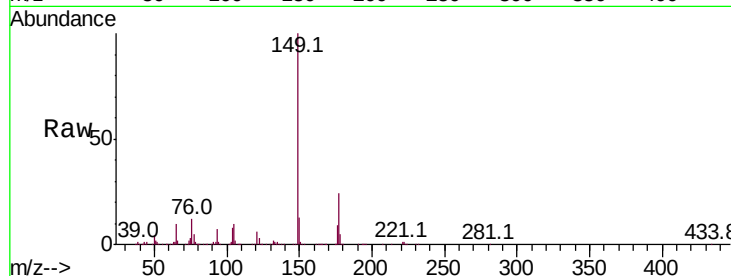




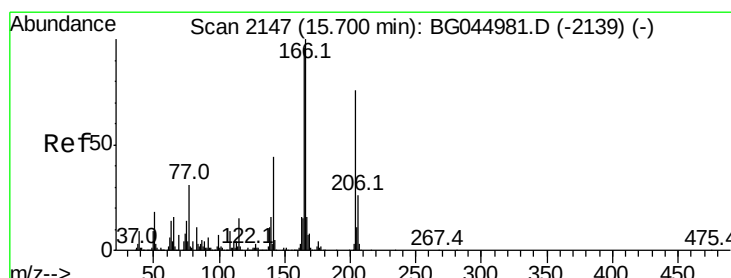
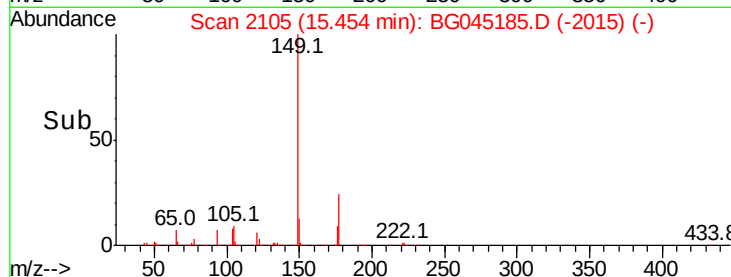
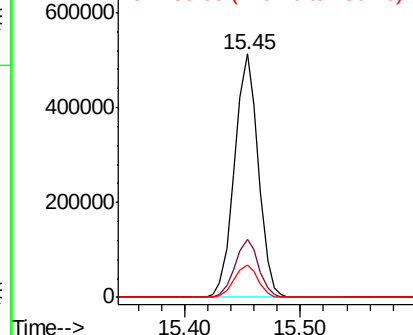
#60
Diethylphthalate
Concen: 45.364 ng
RT: 15.45 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.9	28.3
150	13.4	10.6	15.8

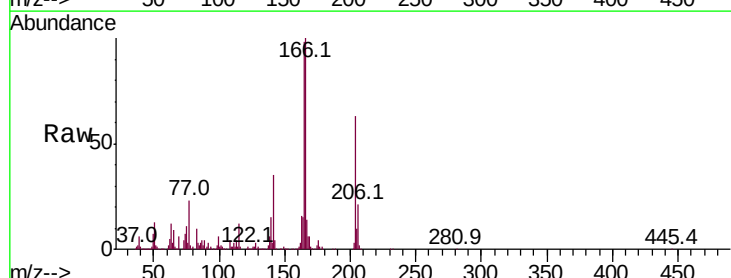


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

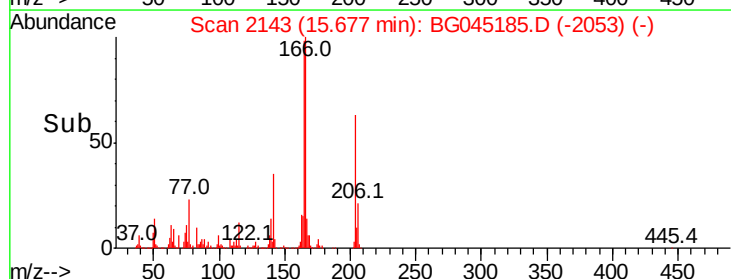
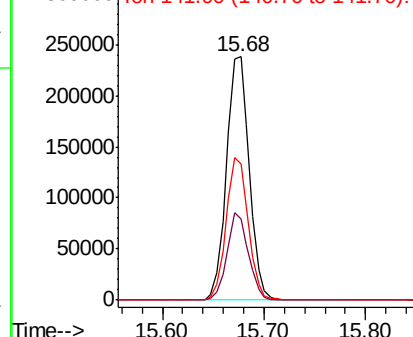


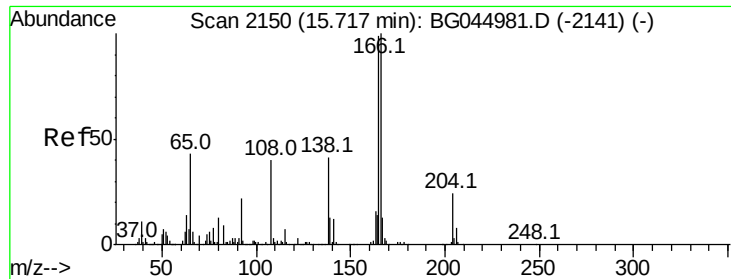
#61
4-Chlorophenyl-phenylether
Concen: 44.541 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.9	40.3
141	56.0	46.3	69.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 33.668 ng

RT: 15.69 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

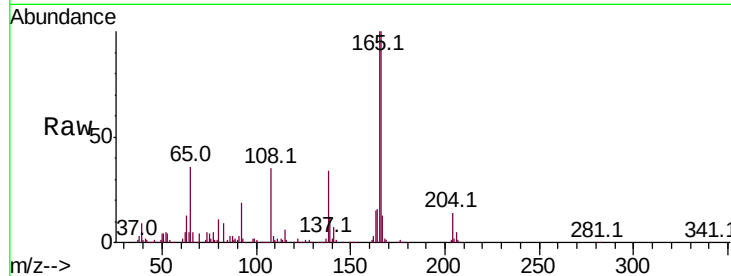
Tot Ion:138 Resp: 132023

Ion Ratio Lower Upper

138 100

92 55.9 33.6 73.6

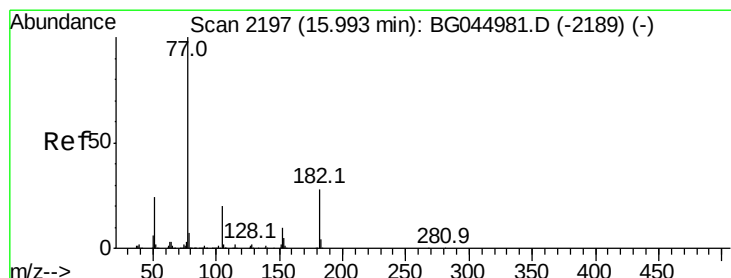
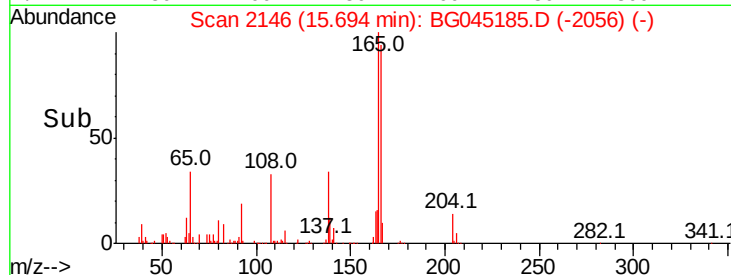
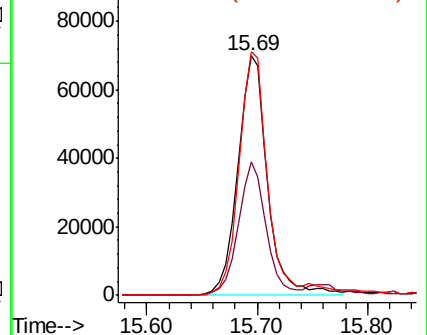
108 101.7 78.2 118.2



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: 46.050 ng

RT: 15.96 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion: 77 Resp: 682198

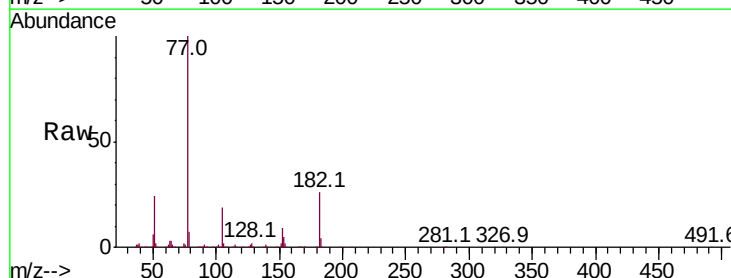
Ion Ratio Lower Upper

77 100

182 25.6 8.4 48.4

105 19.3 0.5 40.5

51 24.0 4.4 44.4

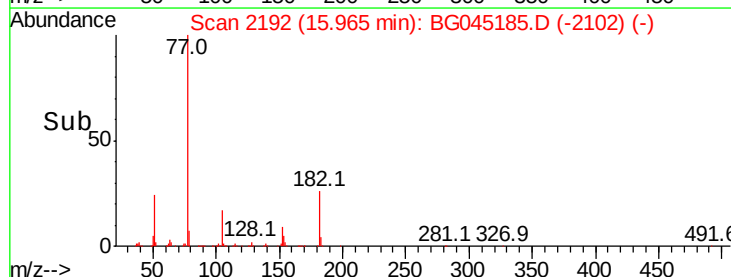
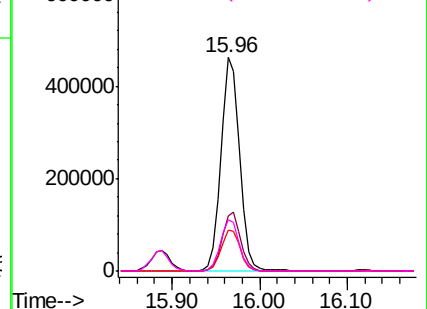


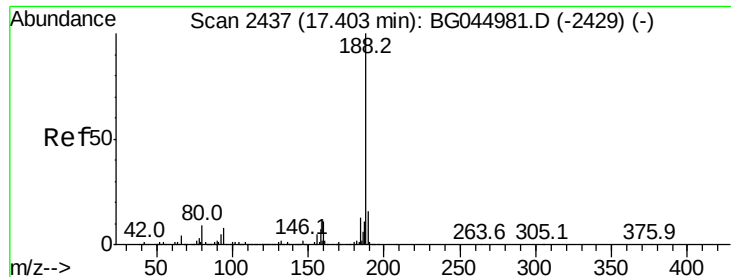
Abundance Ion 77.00 (76.70 to 77.70): BG

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: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

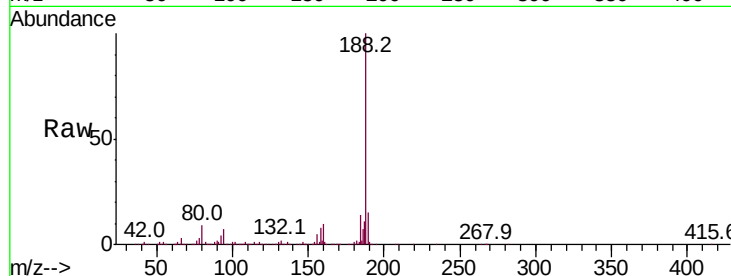
Tot Ion:188 Resp: 476096

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.4

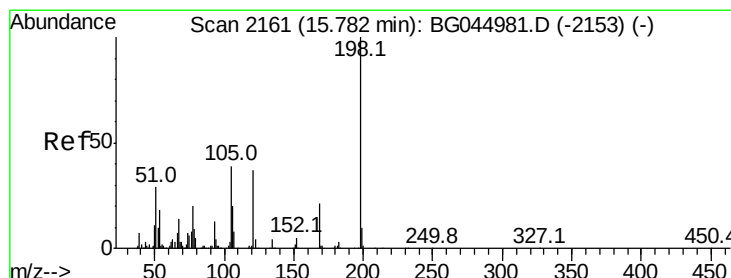
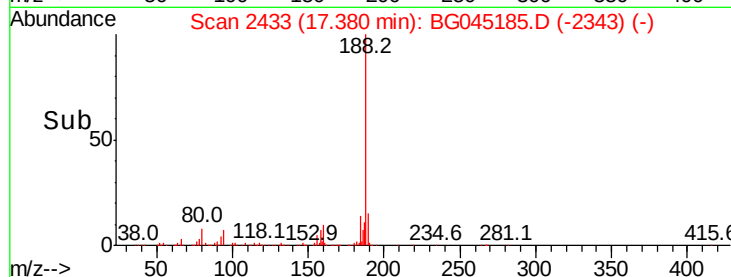
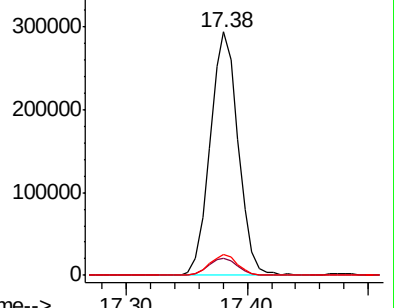
80 8.5 7.0 10.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 50.197 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

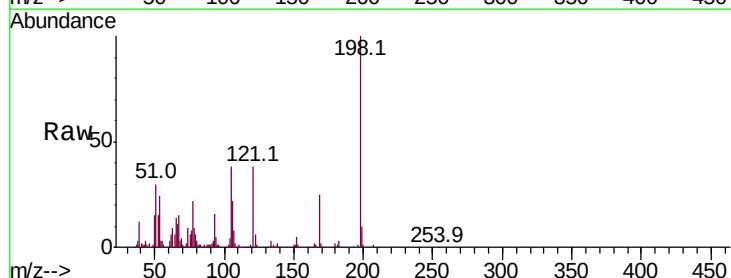
Tgt Ion:198 Resp: 157087

Ion Ratio Lower Upper

198 100

51 30.4 10.0 50.0

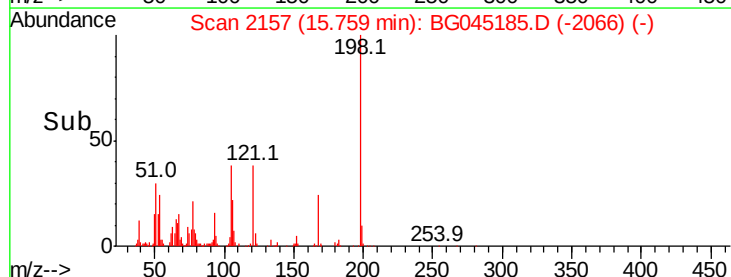
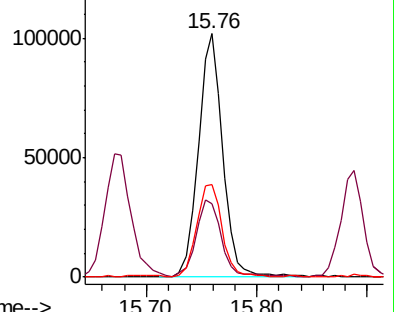
105 38.2 18.9 58.9

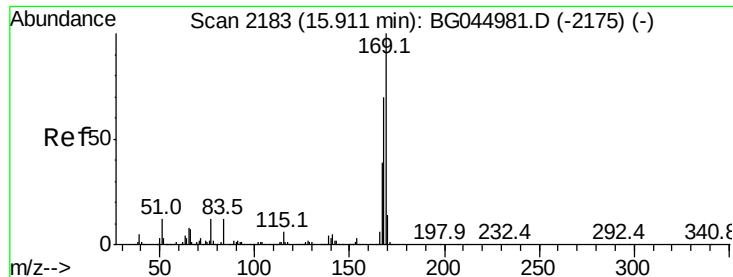


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

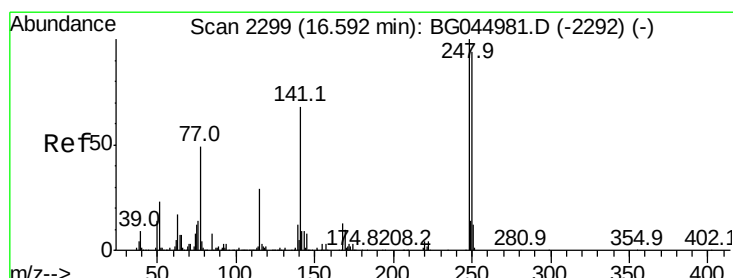
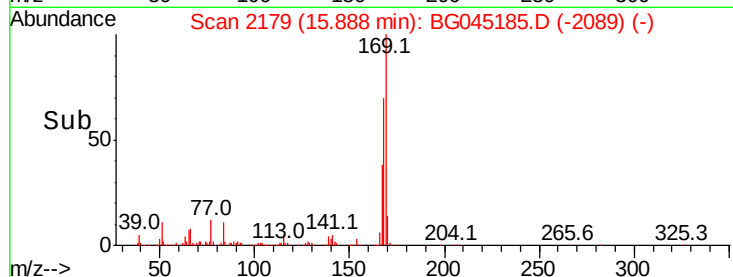
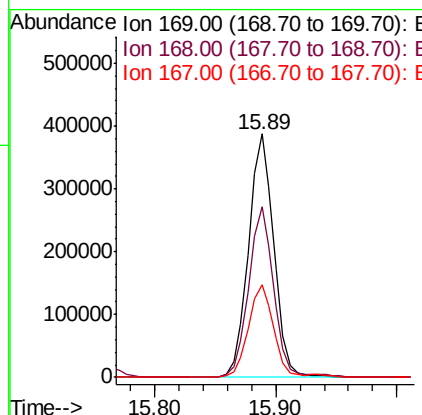
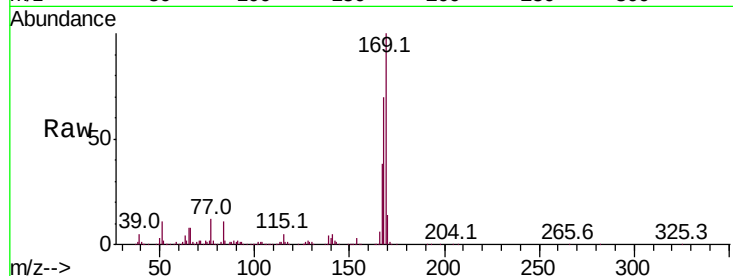




#66
 n-Nitrosodiphenylamine
 Concen: 41.375 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

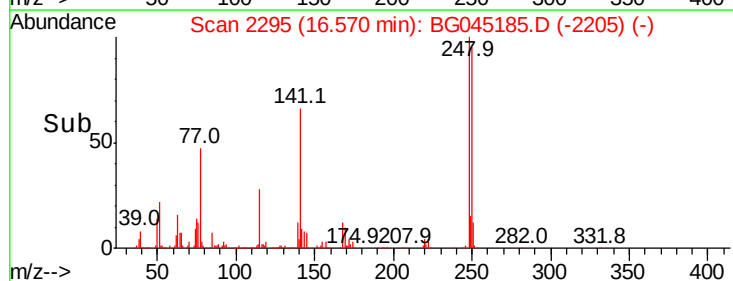
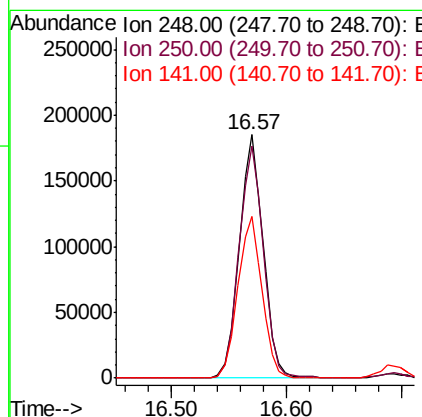
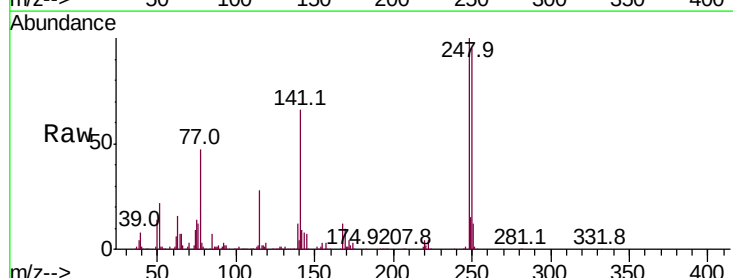
Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

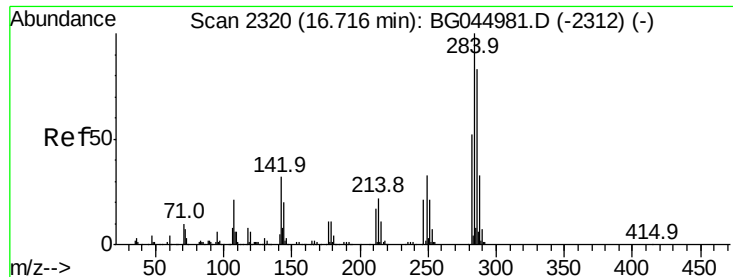
Tot Ion	Ratio	Lower	Upper
169	100		
168	70.3	55.8	83.8
167	38.1	30.8	46.2



#67
 4-Bromophenyl-phenylether
 Concen: 43.071 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.2	75.4	113.2
141	66.3	54.4	81.6

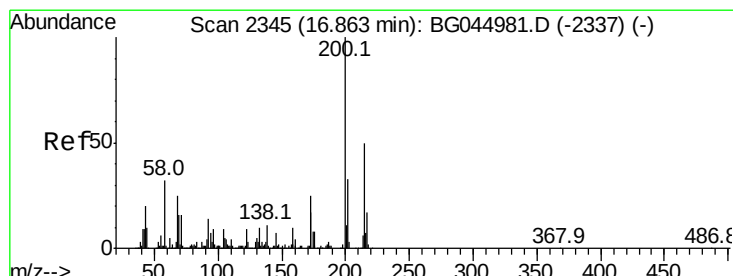
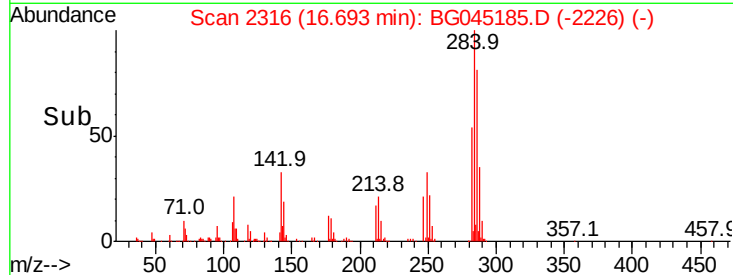
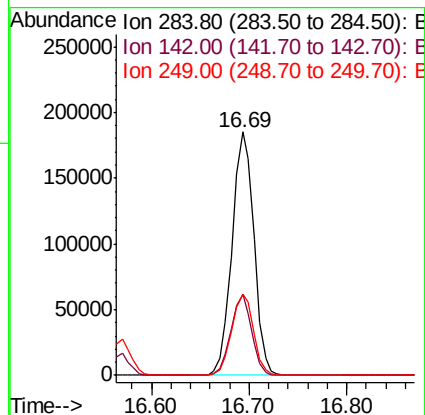
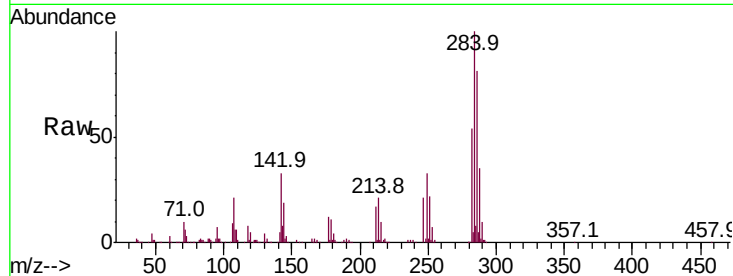




#68
Hexachlorobenzene
Concen: 44.975 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

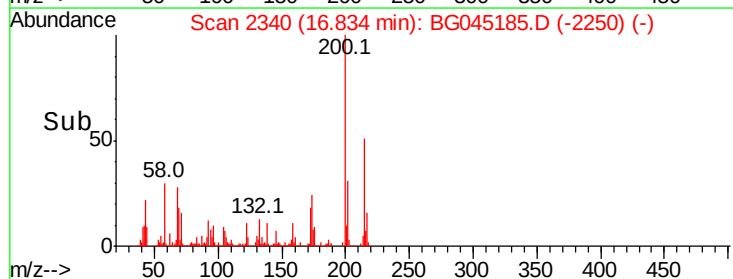
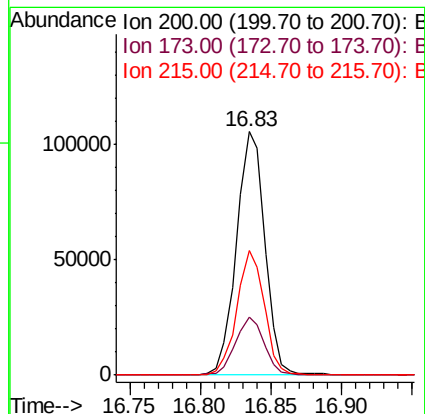
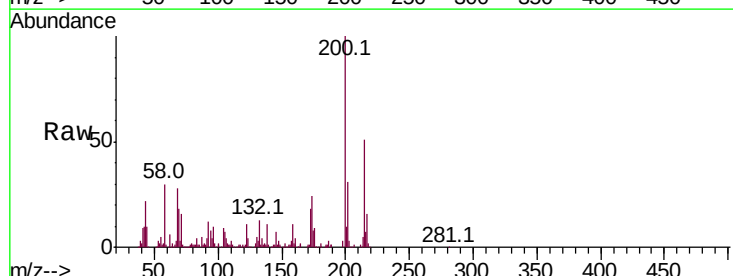
Instrument :
BNA_G
ClientSampleId :
TP-19AMS

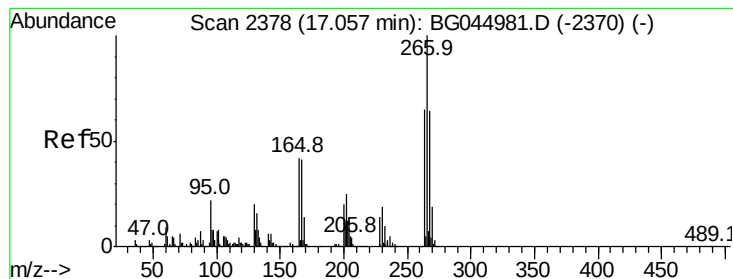
Tot Ion:	284	Resp:	286491
Ion	Ratio	Lower	Upper
284	100		
142	33.1	25.8	38.6
249	33.3	26.6	39.8



#69
Atrazine
Concen: 27.952 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion:	200	Resp:	148493
Ion	Ratio	Lower	Upper
200	100		
173	23.7	4.5	44.5
215	51.4	30.0	70.0





#70

Pentachlorophenol

Concen: 92.385 ng

RT: 17.03 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

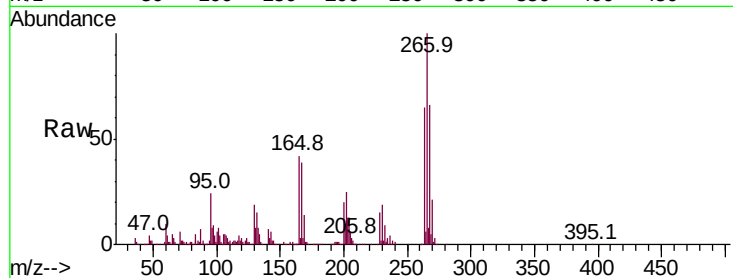
Tot Ion:266 Resp: 361018

Ion Ratio Lower Upper

266 100

268 65.6 51.5 77.3

264 65.3 52.2 78.4

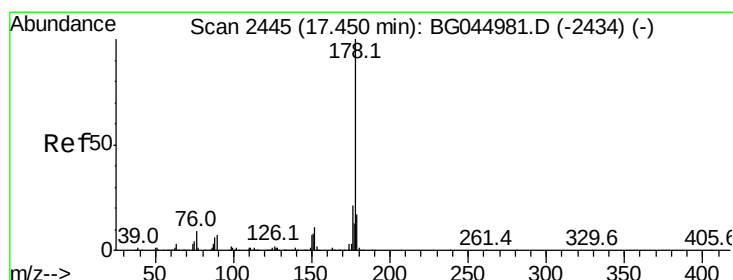
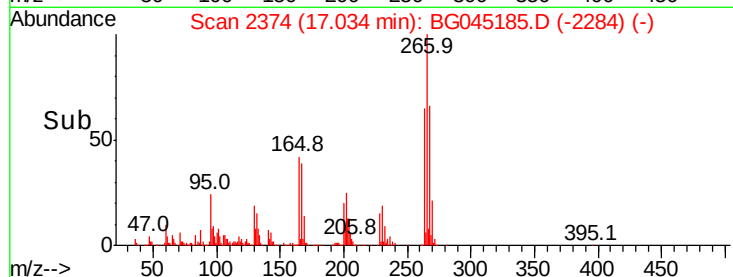
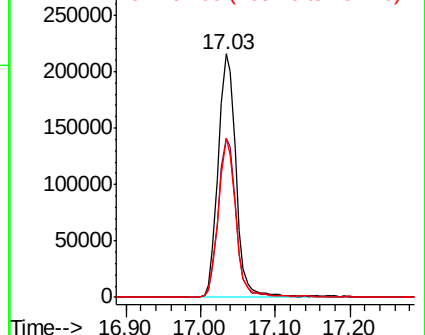


Abundance

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: 46.424 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

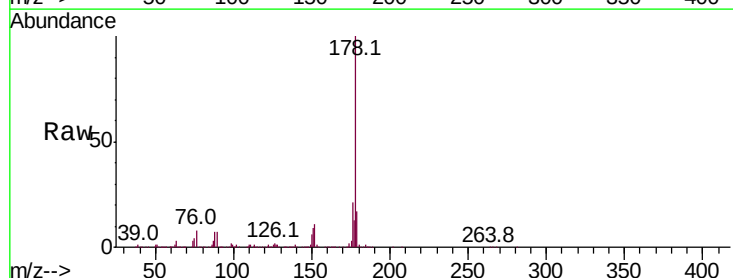
Tgt Ion:178 Resp: 1135784

Ion Ratio Lower Upper

178 100

176 20.6 16.8 25.2

179 16.7 13.2 19.8

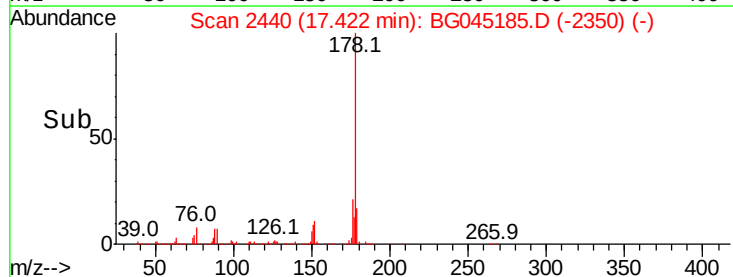
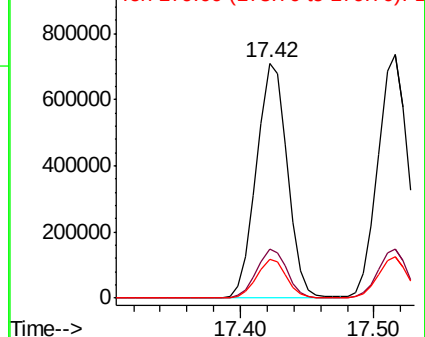


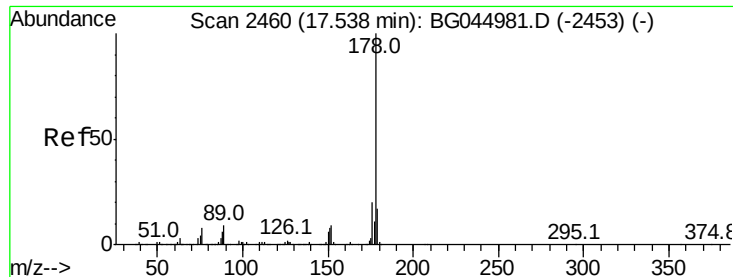
Abundance

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: 47.412 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

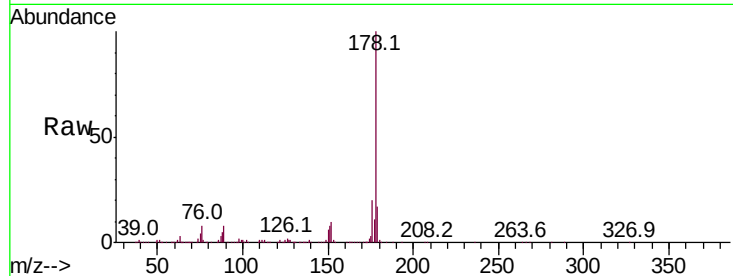
Tot Ion:178 Resp: 1163546

Ion Ratio Lower Upper

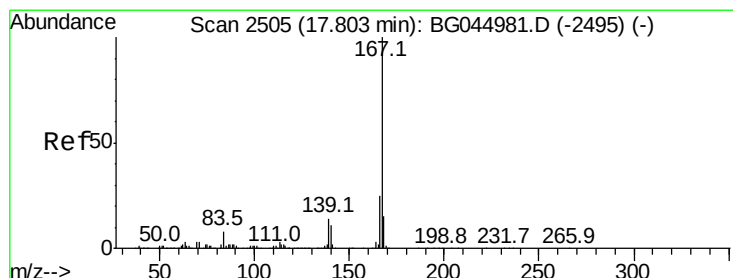
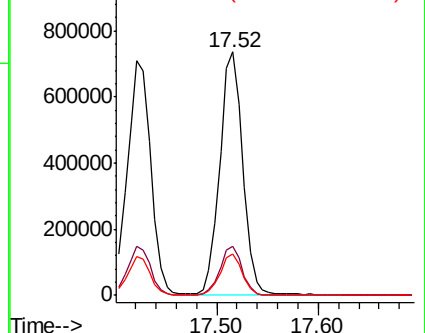
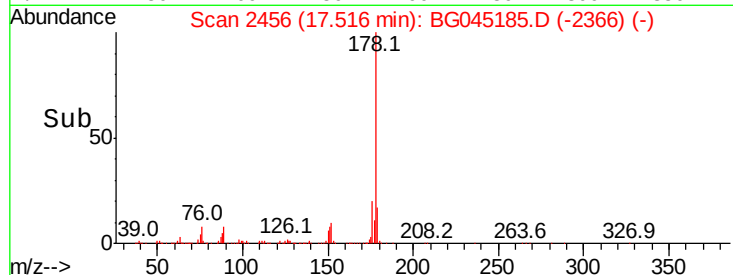
178 100

176 20.0 16.0 24.0

179 17.2 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: 41.002 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

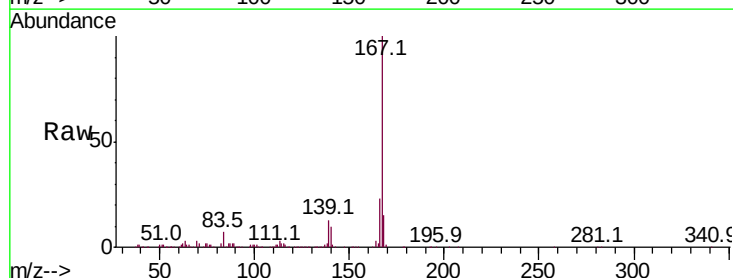
Tgt Ion:167 Resp: 1021134

Ion Ratio Lower Upper

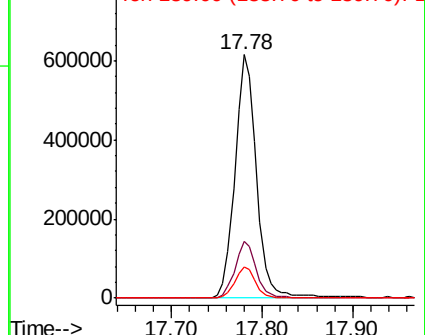
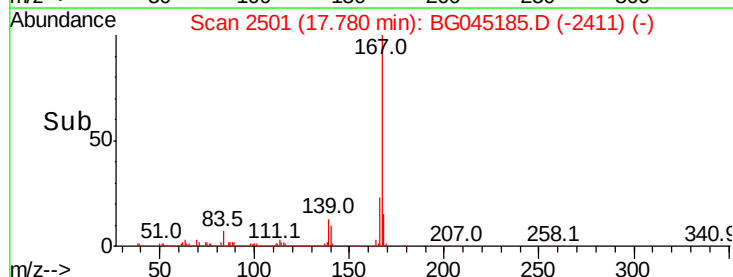
167 100

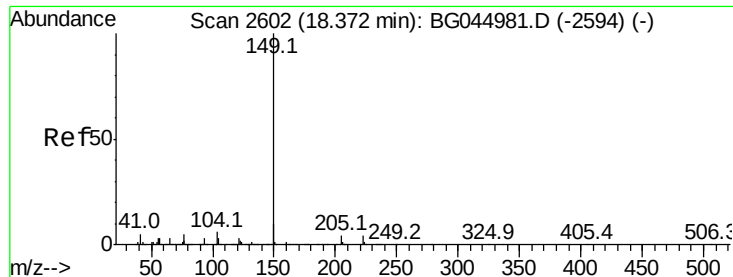
166 23.4 19.8 29.6

139 12.5 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: 49.156 ng

RT: 18.34 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

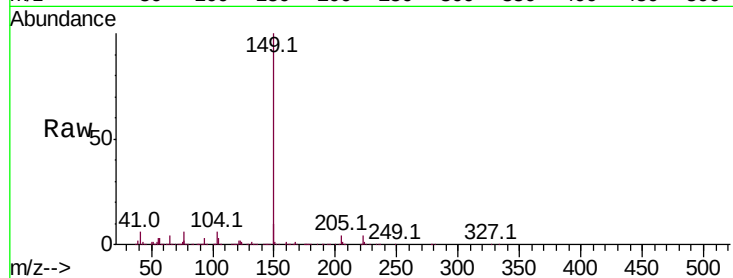
Tot Ion:149 Resp: 1317409

Ion Ratio Lower Upper

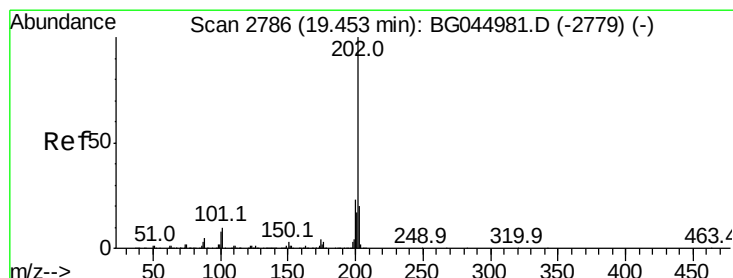
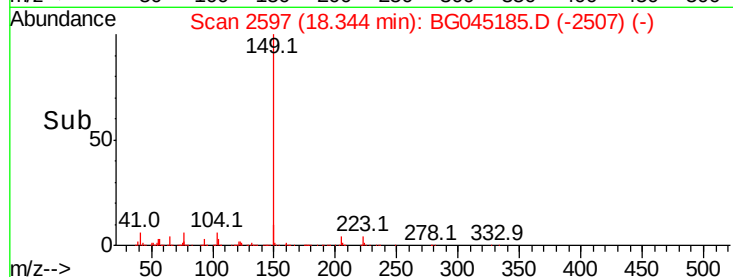
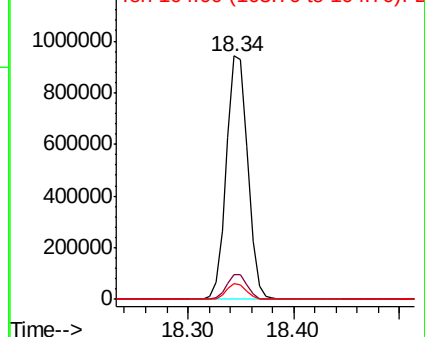
149 100

150 10.0 8.2 12.2

104 6.4 4.8 7.2



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



#75

Fluoranthene

Concen: 51.326 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

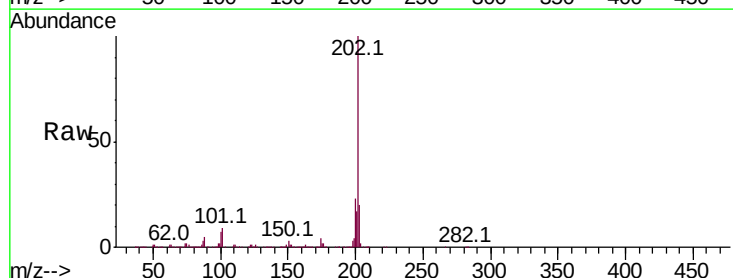
Tgt Ion:202 Resp: 1451006

Ion Ratio Lower Upper

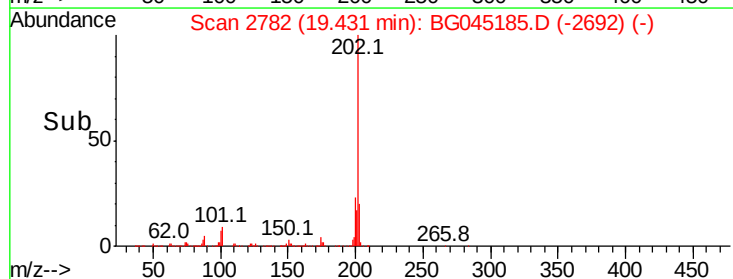
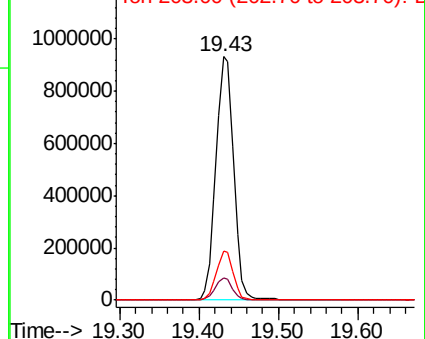
202 100

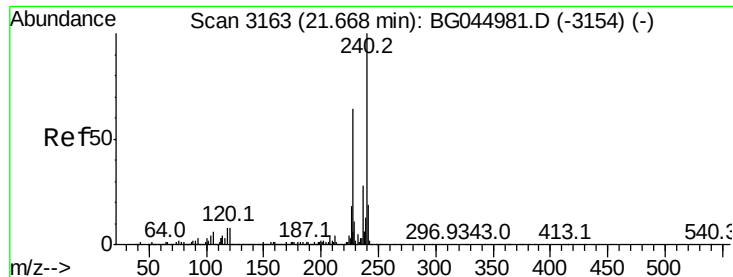
101 9.1 0.0 29.6

203 20.2 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

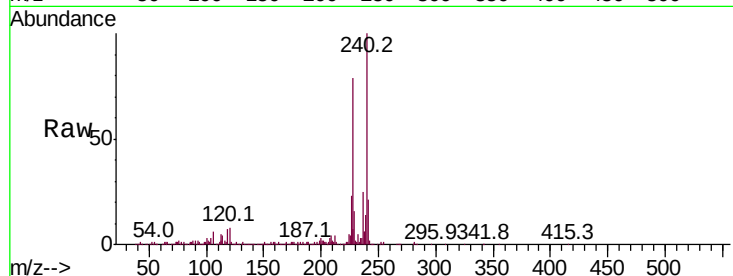
Tot Ion:240 Resp: 452791

Ion Ratio Lower Upper

240 100

120 8.4 6.6 10.0

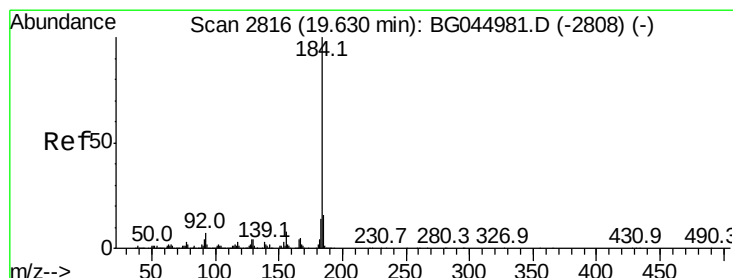
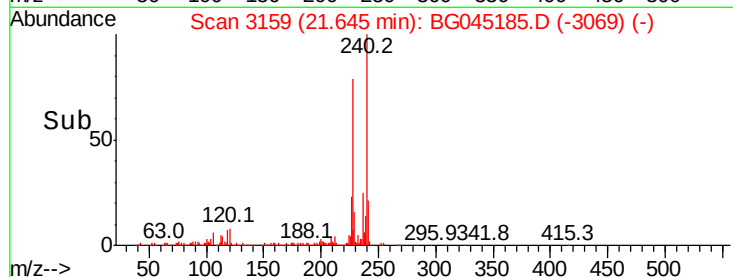
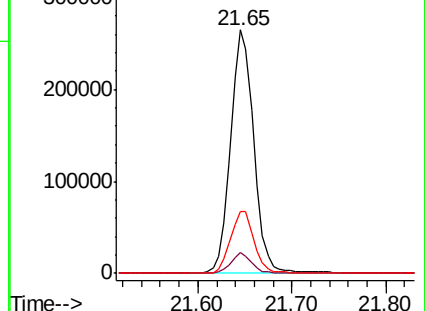
236 25.3 22.2 33.2



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: 19.67 min Scan# 2822

Delta R.T. 0.06 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

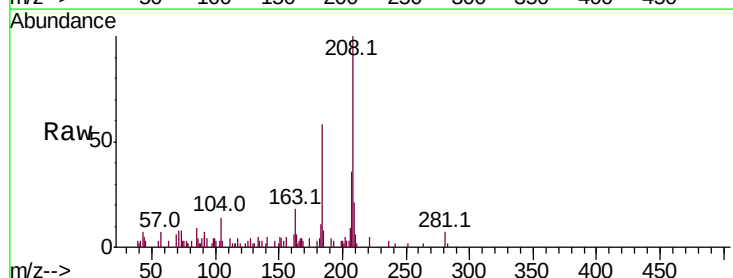
Tgt Ion:184 Resp: 13001

Ion Ratio Lower Upper

184 100

185 13.6 12.6 19.0

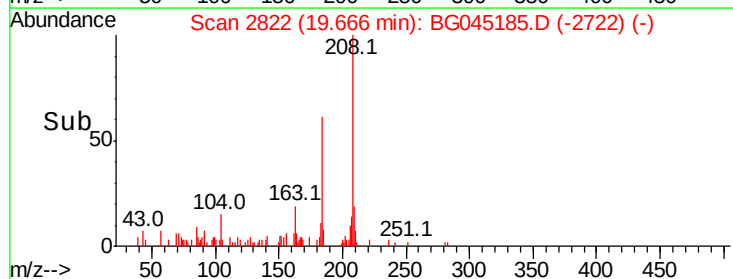
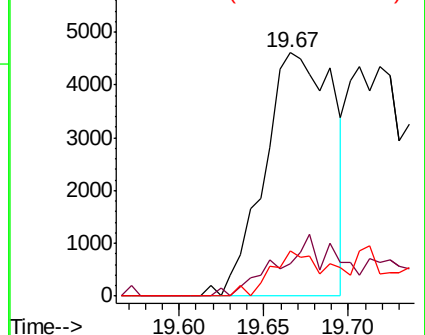
183 18.8 11.3 16.9#

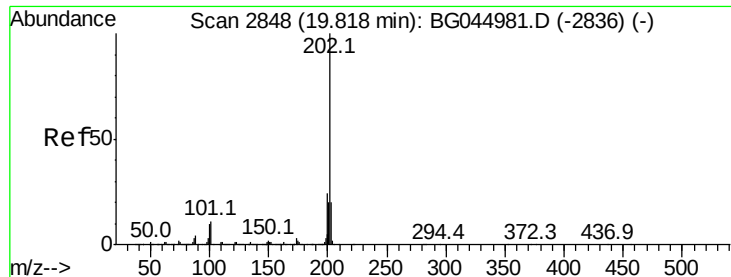


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 45.956 ng

RT: 19.79 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

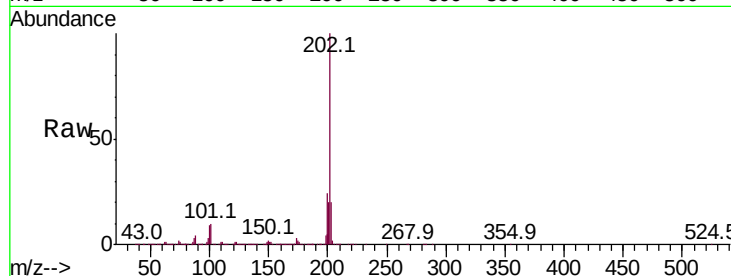
Tot Ion:202 Resp: 1434529

Ion Ratio Lower Upper

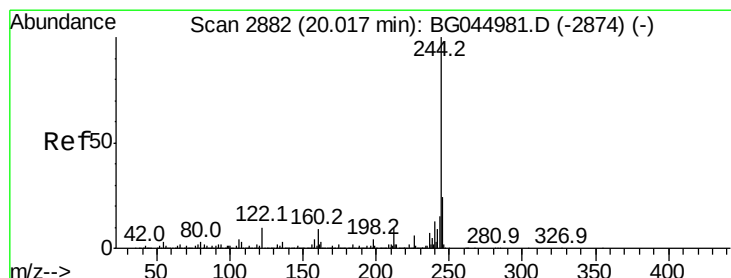
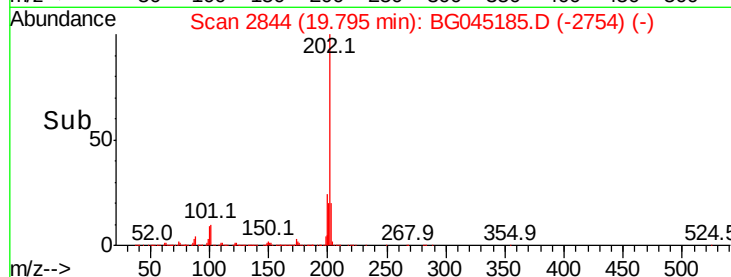
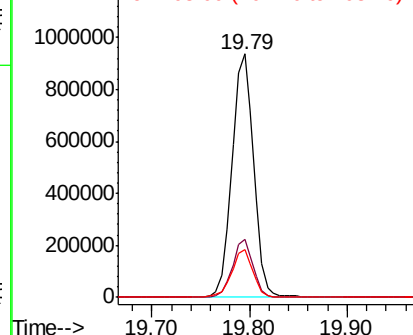
202 100

200 24.0 19.0 28.6

203 19.7 16.1 24.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 102.561 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

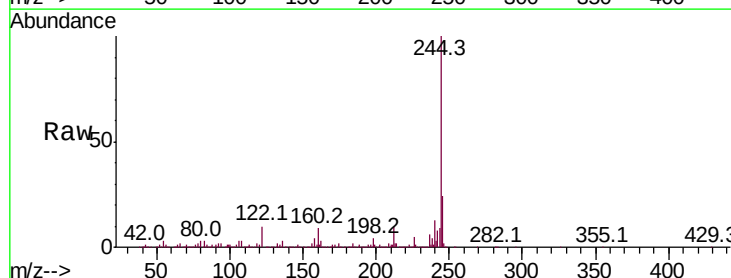
Tgt Ion:244 Resp: 2130630

Ion Ratio Lower Upper

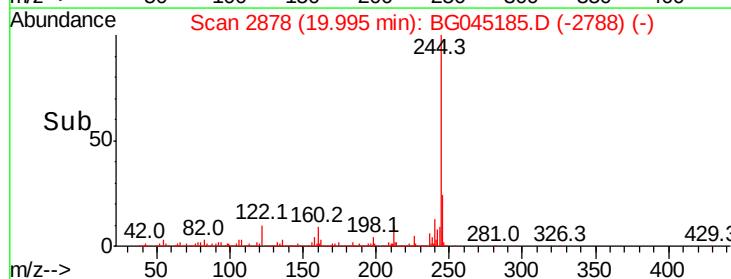
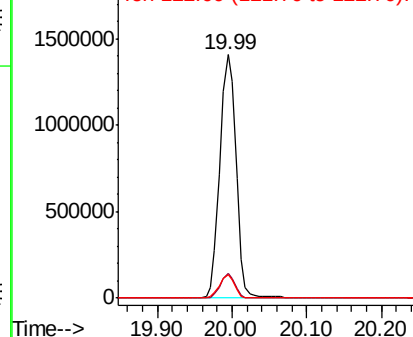
244 100

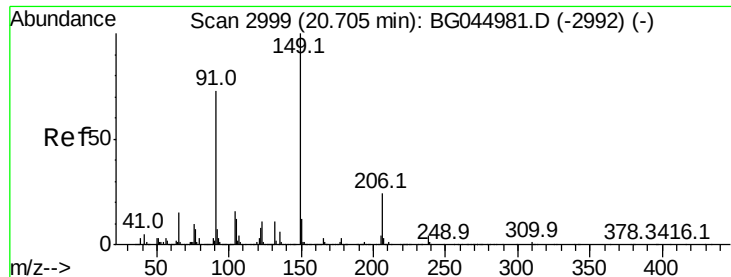
212 10.1 7.9 11.9

122 9.7 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

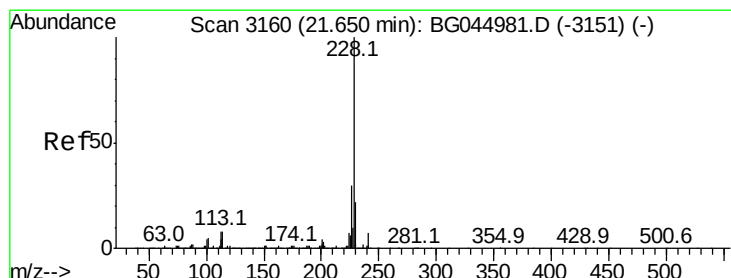
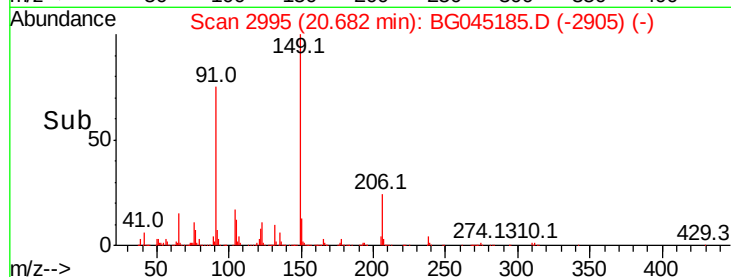
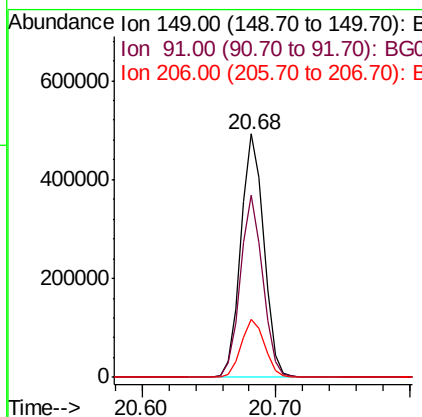
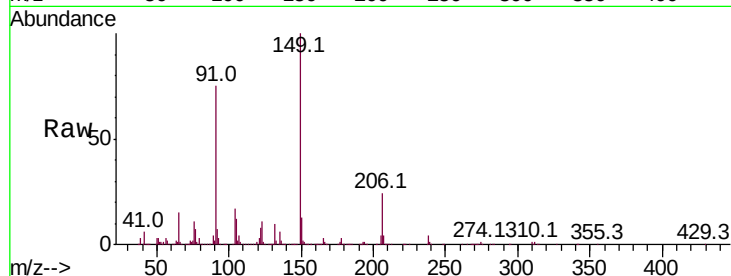




#80
Butylbenzylphthalate
Concen: 45.481 ng
RT: 20.68 min Scan# 2995
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

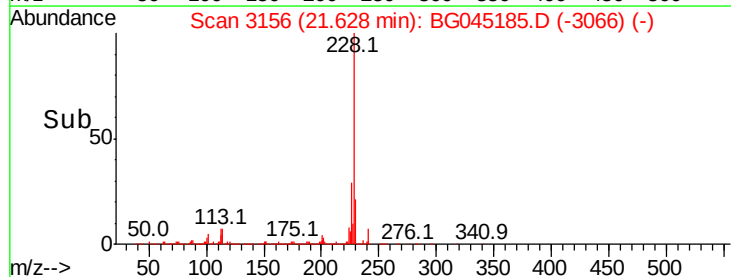
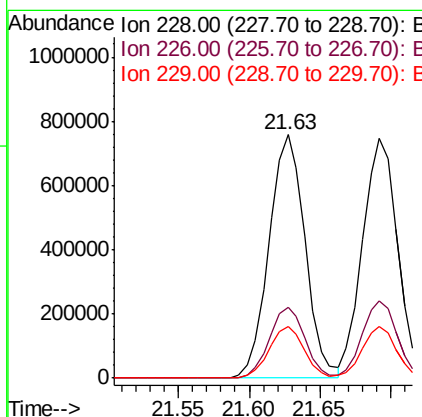
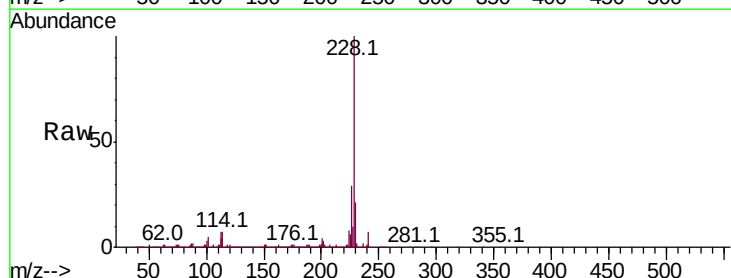
Instrument :
BNA_G
ClientSampleId :
TP-19AMS

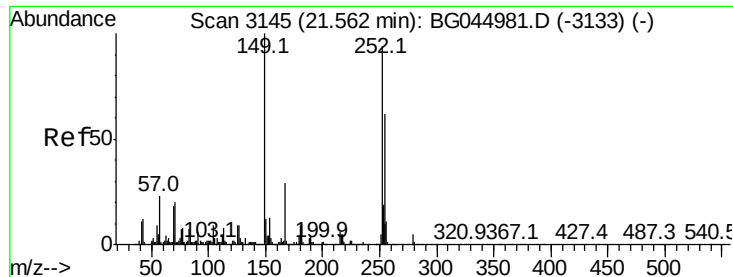
Tot Ion:149 Resp: 588494
Ion Ratio Lower Upper
149 100
91 74.7 58.5 87.7
206 24.0 19.2 28.8



#81
Benzo(a)anthracene
Concen: 46.043 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion:228 Resp: 1351242
Ion Ratio Lower Upper
228 100
226 29.0 24.0 36.0
229 21.4 17.5 26.3





#82

3,3'-Dichlorobenzidine

Concen: 7.501 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

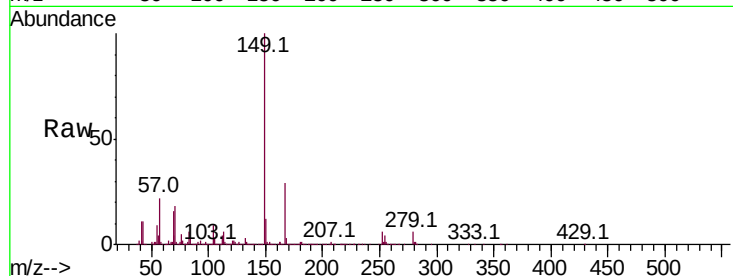
Tot Ion:252 Resp: 87617

Ion Ratio Lower Upper

252 100

254 59.4 52.6 79.0

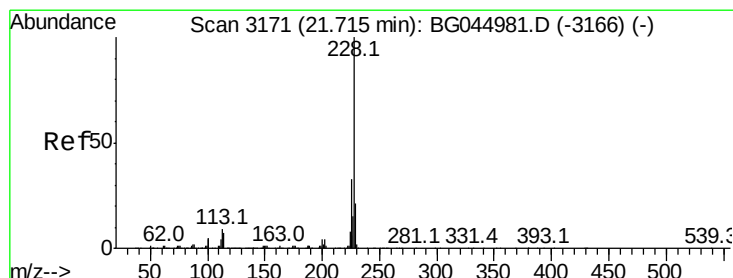
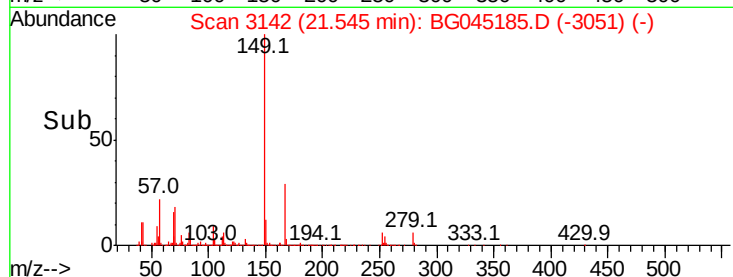
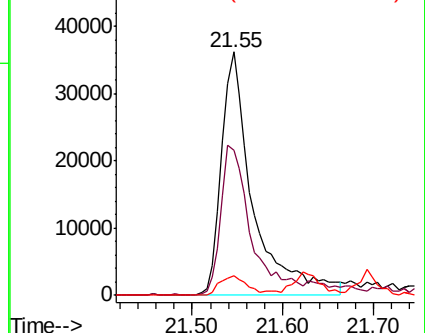
126 8.0 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 46.571 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

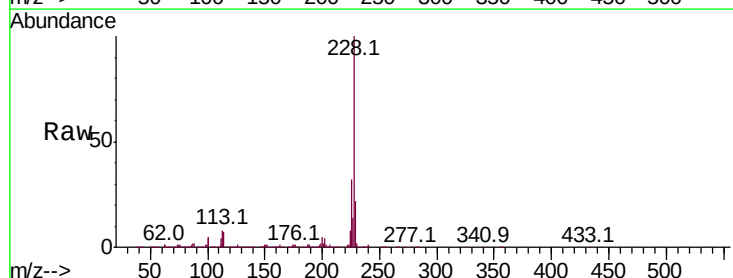
Tgt Ion:228 Resp: 1313175

Ion Ratio Lower Upper

228 100

226 31.9 26.2 39.4

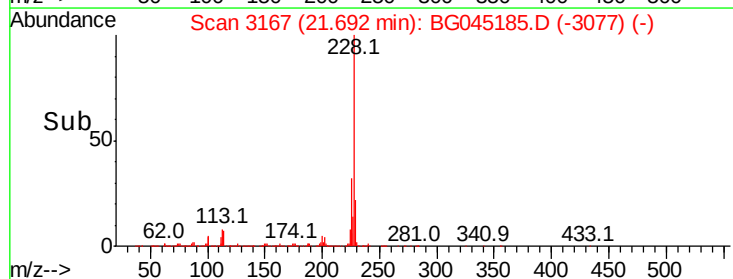
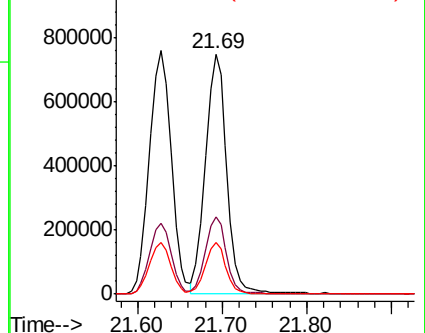
229 21.7 17.0 25.6

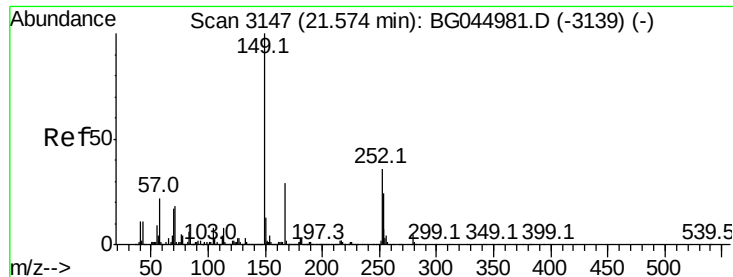


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 46.887 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

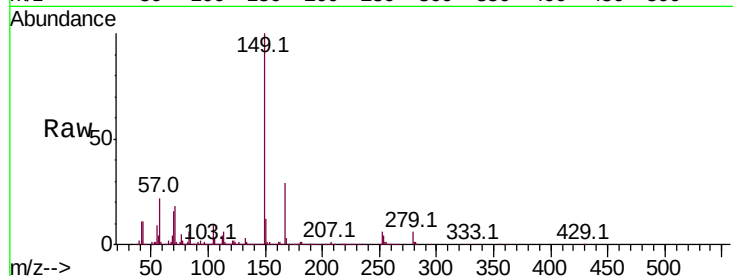
Tot Ion:149 Resp: 834400

Ion Ratio Lower Upper

149 100

167 28.8 23.4 35.0

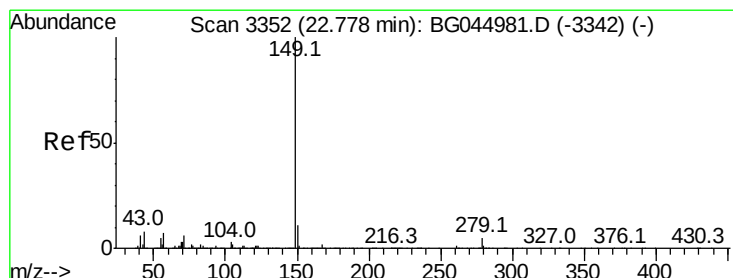
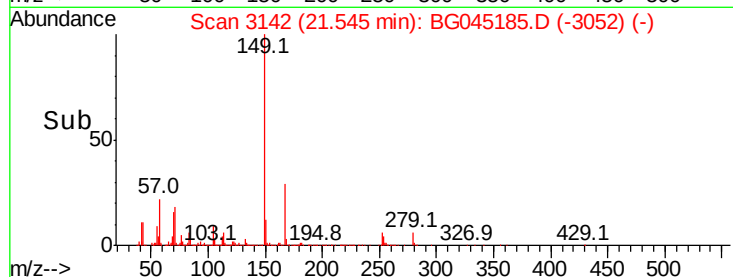
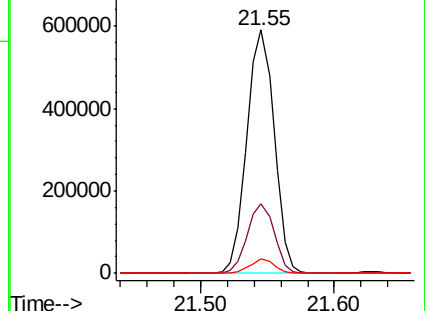
279 5.7 4.3 6.5



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: 45.688 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

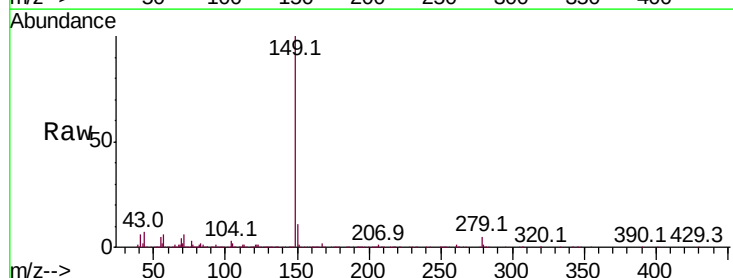
Tgt Ion:149 Resp: 1405977

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

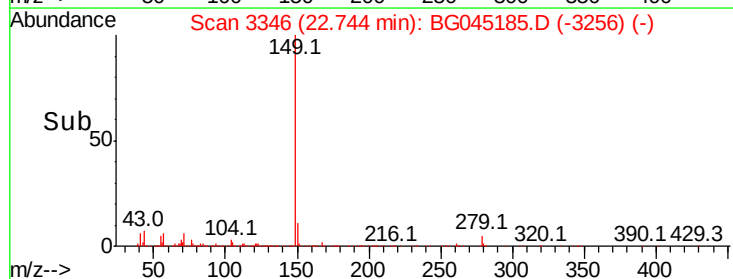
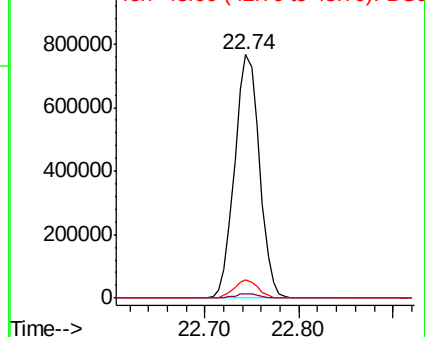
43 7.1 5.7 8.5

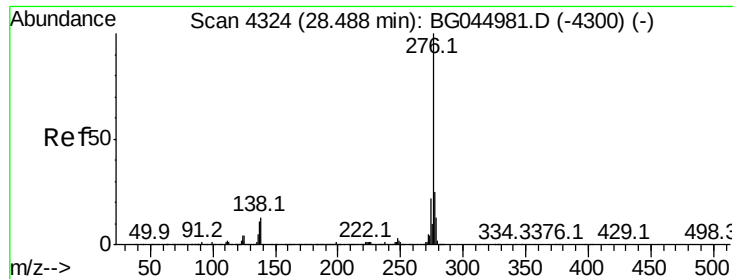


Abundance Ion 149.00 (148.70 to 149.70): E

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: 44.745 ng

RT: 28.43 min Scan# 4314

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

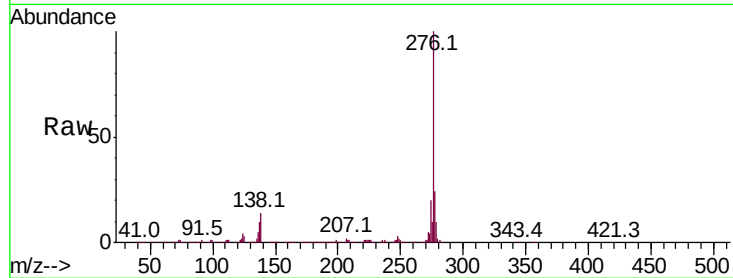
Tot Ion:276 Resp: 1675142

Ion Ratio Lower Upper

276 100

138 9.5 9.6 14.4#

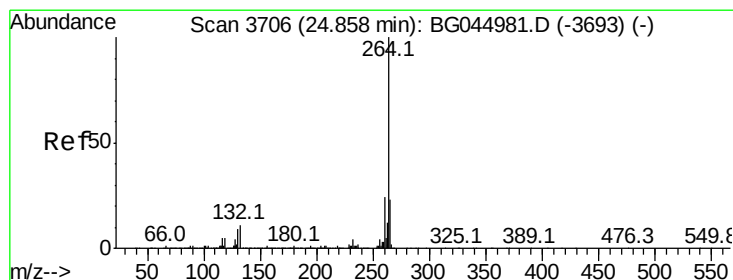
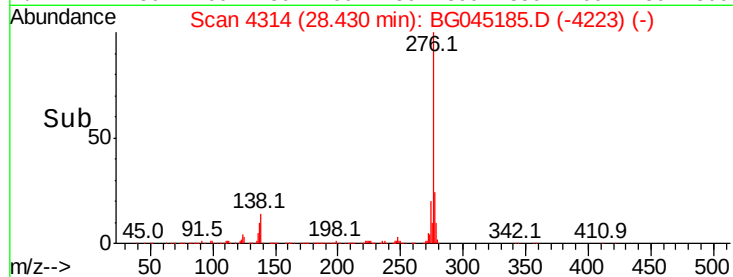
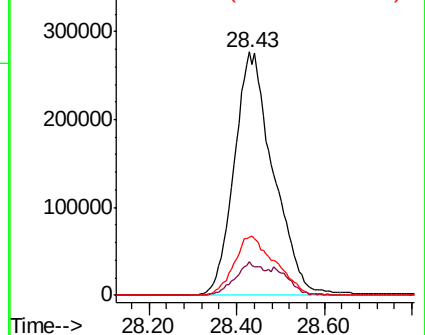
277 25.8 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

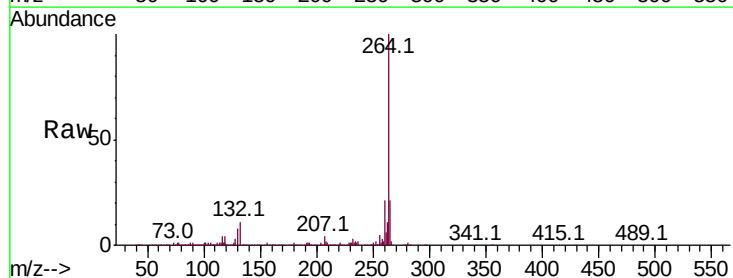
Tgt Ion:264 Resp: 484153

Ion Ratio Lower Upper

264 100

260 21.4 19.2 28.8

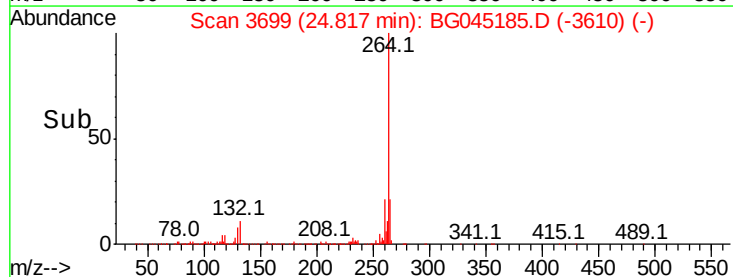
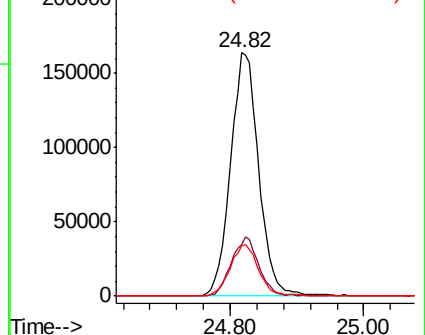
265 20.6 19.0 28.4

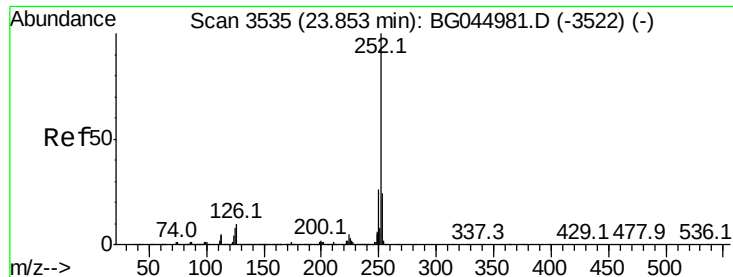


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 48.567 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

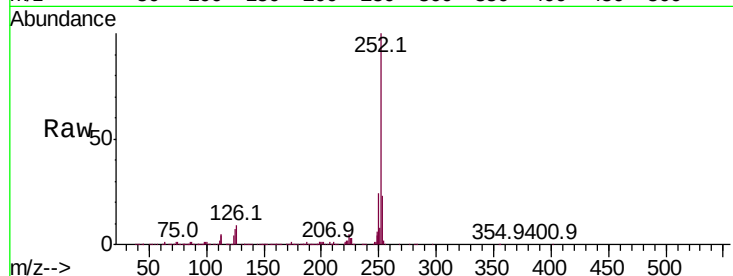
Tot Ion:252 Resp: 1472898

Ion Ratio Lower Upper

252 100

253 22.8 18.8 28.2

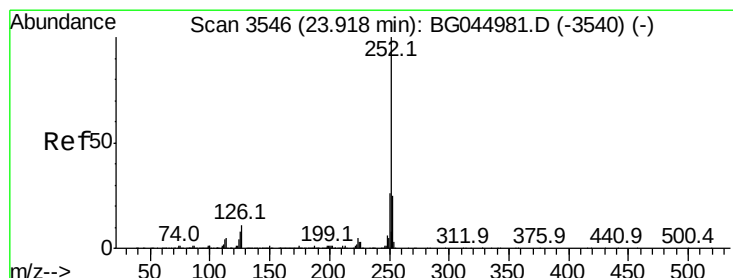
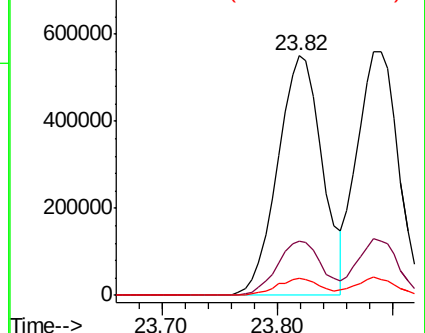
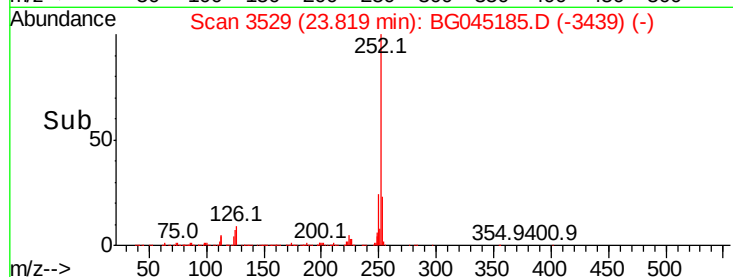
125 7.0 6.2 9.4



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: 48.781 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

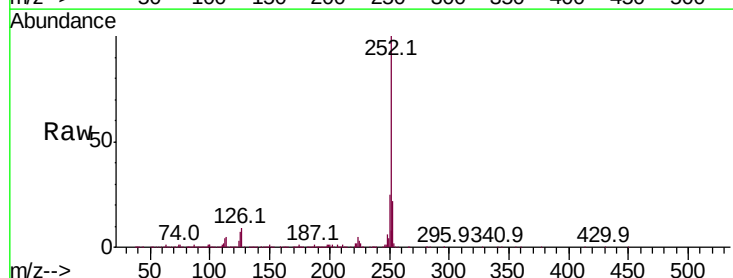
Tgt Ion:252 Resp: 1406888

Ion Ratio Lower Upper

252 100

253 22.1 19.2 28.8

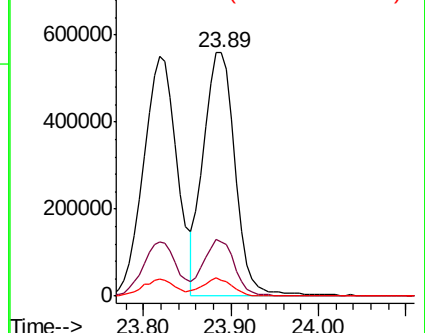
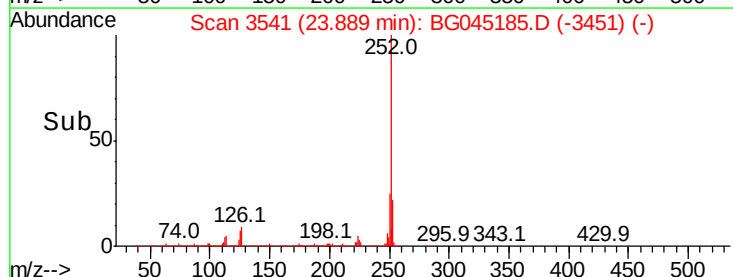
125 6.7 5.9 8.9

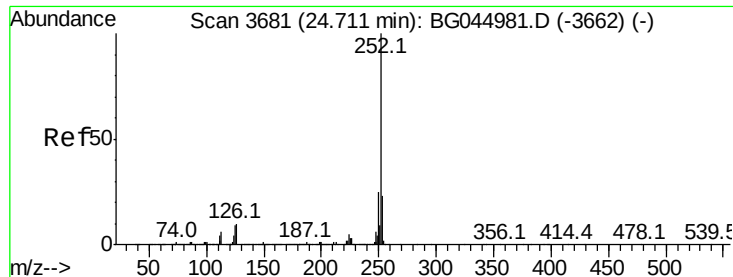


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 45.823 ng

RT: 24.68 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

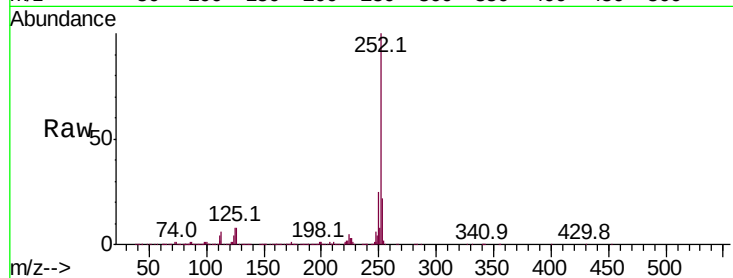
Tot Ion:252 Resp: 1312082

Ion Ratio Lower Upper

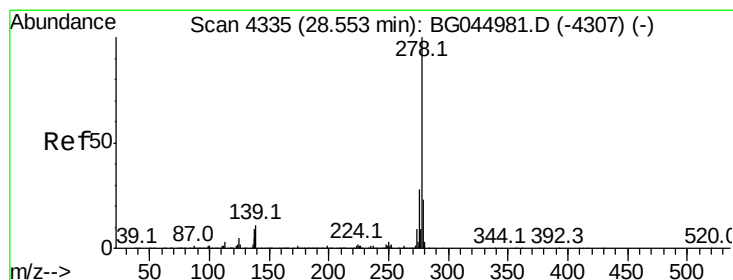
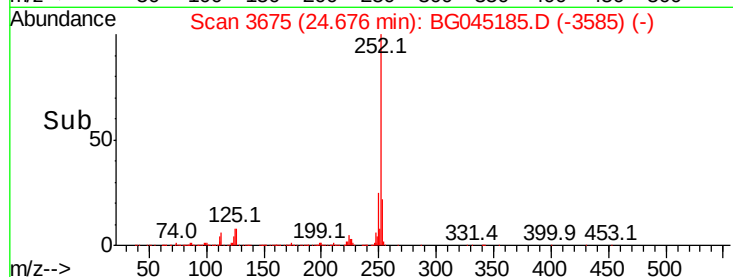
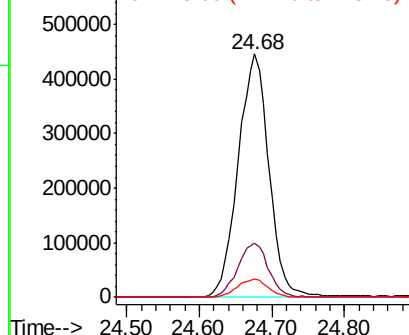
252 100

253 22.3 18.3 27.5

125 7.7 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: 47.798 ng

RT: 28.50 min Scan# 4326

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

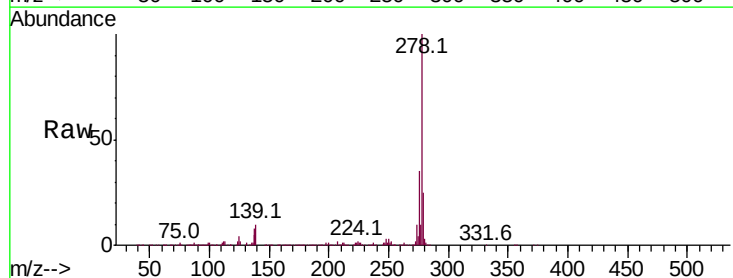
Tgt Ion:278 Resp: 1379079

Ion Ratio Lower Upper

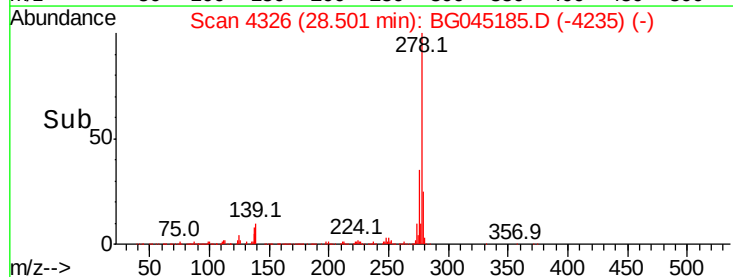
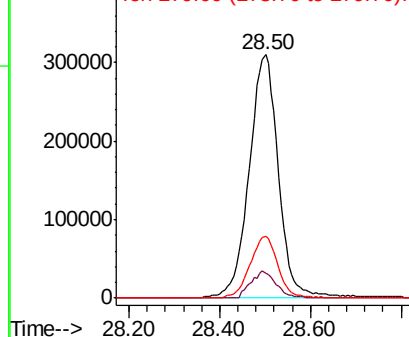
278 100

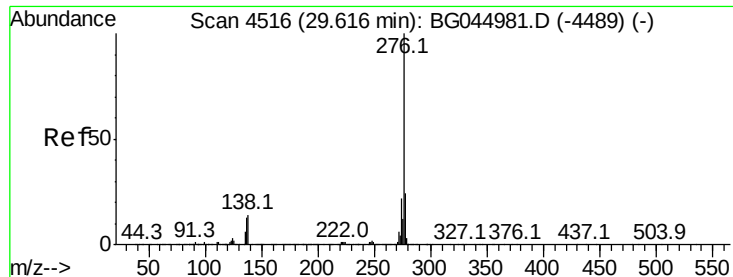
139 9.9 9.0 13.6

279 25.1 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: 44.928 ng

RT: 29.56 min Scan# 4507

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

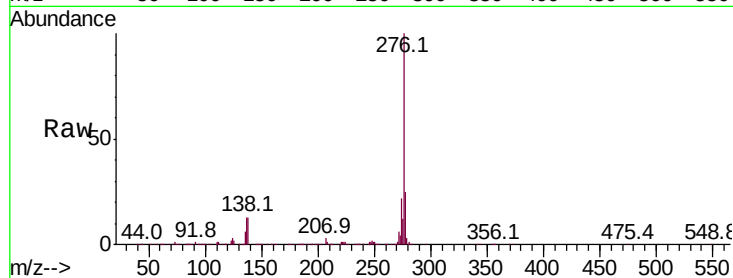
Tot Ion:276 Resp: 1299607

Ion Ratio Lower Upper

276 100

277 24.5 19.3 28.9

138 12.8 11.4 17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

