

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043490.D
 Acq On : 4 Nov 2019 21:02
 Operator : JU
 Sample : K5658-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

Quant Time: Nov 05 00:57:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28623	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	110298	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	87698	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	247851	20.00	ng	0.00
76) Chrysene-d12	21.66	240	290080	20.00	ng	0.00
87) Perylene-d12	24.85	264	347849	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	172207	110.25	ng	0.00
7) Phenol-d6	7.20	99	244304	108.71	ng	0.00
23) Nitrobenzene-d5	9.17	82	143017	66.85	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	189173	113.35	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	411402	64.82	ng	0.00
79) Terphenyl-d14	20.00	244	1088089	70.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	21050	34.582	ng	# 94
3) Pyridine	3.87	79	51711	33.677	ng	96
4) n-Nitrosodimethylamine	3.78	42	31411	40.540	ng	# 93
6) Aniline	7.34	93	44624	17.237	ng	98
8) 2-Chlorophenol	7.58	128	70900	41.119	ng	96
9) Benzaldehyde	7.15	77	35626	32.257	ng	96
10) Phenol	7.22	94	96171	46.830	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	54302	34.201	ng	96
12) 1,3-Dichlorobenzene	7.90	146	77720	35.975	ng	98
13) 1,4-Dichlorobenzene	8.04	146	83225	38.076	ng	94
14) 1,2-Dichlorobenzene	8.36	146	77879	36.491	ng	96
15) Benzyl Alcohol	8.26	79	63091	39.973	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	73223	31.716	ng	98
17) 2-Methylphenol	8.47	107	60057	40.116	ng	98
18) Hexachloroethane	9.09	117	26962	34.190	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	51682	35.589	ng	95
20) 3+4-Methylphenols	8.80	107	80683	39.302	ng	98
22) Acetophenone	8.83	105	103921	36.791	ng	# 96
24) Nitrobenzene	9.22	77	76955	37.759	ng	# 96
25) Isophorone	9.73	82	149628	38.253	ng	97
26) 2-Nitrophenol	9.93	139	41415	42.091	ng	94
27) 2,4-Dimethylphenol	10.00	122	68622	48.659	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	78965	36.578	ng	97
29) 2,4-Dichlorophenol	10.48	162	76843	42.527	ng	91
30) 1,2,4-Trichlorobenzene	10.68	180	83123	36.499	ng	96
31) Naphthalene	10.87	128	219169	39.147	ng	99
32) Benzoic acid	10.15	122	37202	37.084	ng	93
33) 4-Chloroaniline	10.99	127	26758	11.659	ng	98
34) Hexachlorobutadiene	11.15	225	57067	33.898	ng	99
35) Caprolactam	11.74	113	16770	26.948	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	90126	45.727	ng	97
37) 2-Methylnaphthalene	12.47	142	174793	40.690	ng	95
38) 1-Methylnaphthalene	12.69	142	167444	40.967	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	111566	34.375	ng	100

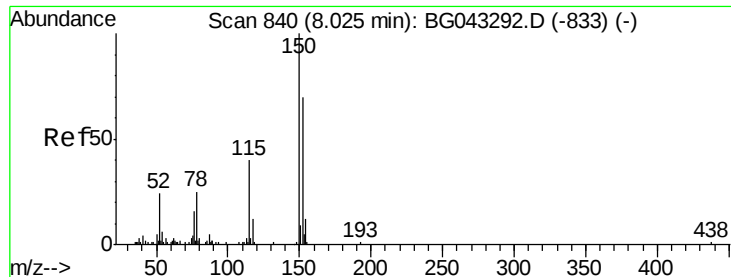
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	95765	56.170	ng	97
43) 2,4,6-Trichlorophenol	13.08	196	77828	40.719	ng	93
44) 2,4,5-Trichlorophenol	13.16	196	86368	44.696	ng	99
46) 1,1'-Biphenyl	13.47	154	240372	36.029	ng	99
47) 2-Chloronaphthalene	13.52	162	184144	36.276	ng	99
48) 2-Nitroaniline	13.72	65	59954	39.517	ng	99
49) Acenaphthylene	14.36	152	319700	40.466	ng	98
50) Dimethylphthalate	14.09	163	346319	50.983	ng	99
51) 2,6-Dinitrotoluene	14.21	165	60779	41.186	ng	96
52) Acenaphthene	14.70	154	188688	39.164	ng	97
53) 3-Nitroaniline	14.55	138	26154	18.356	ng	96
54) 2,4-Dinitrophenol	14.76	184	71034	77.349	ng	96
55) Dibenzofuran	15.04	168	319589	40.905	ng	99
56) 4-Nitrophenol	14.89	139	101672	106.486	ng	94
57) 2,4-Dinitrotoluene	15.00	165	93869	44.509	ng	# 96
58) Fluorene	15.69	166	272496	41.584	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	91397	44.518	ng	97
60) Diethylphthalate	15.46	149	284544	41.689	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	152631	39.926	ng	98
62) 4-Nitroaniline	15.72	138	62967	42.793	ng	96
63) Azobenzene	15.97	77	233086	42.196	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	58542	40.136	ng	98
66) n-Nitrosodiphenylamine	15.90	169	255151	36.463	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	115139	34.519	ng	96
68) Hexachlorobenzene	16.70	284	131779	34.418	ng	100
69) Atrazine	16.84	200	119757	49.253	ng	95
70) Pentachlorophenol	17.05	266	142992	81.962	ng	98
71) Phenanthrene	17.43	178	482010	37.978	ng	99
72) Anthracene	17.52	178	503220	39.629	ng	98
73) Carbazole	17.79	167	474075	41.226	ng	98
74) Di-n-butylphthalate	18.34	149	552123	39.571	ng	99
75) Fluoranthene	19.44	202	678937	41.033	ng	99
77) Benzidine	19.62	184	273707	46.884	ng	99
78) Pyrene	19.80	202	683876	38.087	ng	100
80) Butylbenzylphthalate	20.68	149	260004	38.221	ng	95
81) Benzo(a)anthracene	21.64	228	726008	39.956	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	139454	19.843	ng	97
83) Chrysene	21.70	228	708143	39.224	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	382721	39.606	ng	98
85) Di-n-octyl phthalate	22.74	149	676300	41.252	ng	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	959202	42.327	ng	100
88) Benzo(b)fluoranthene	23.84	252	771162	39.143	ng	100
89) Benzo(k)fluoranthene	23.91	252	783147	39.487	ng	98
90) Benzo(a)pyrene	24.70	252	726624	38.623	ng	100
91) Dibenzo(a,h)anthracene	28.55	278	809804	42.083	ng	98
92) Benzo(g,h,i)perylene	29.63	276	798778	42.082	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

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BNA_G

ClientSampleId :

TP-30-SMSD

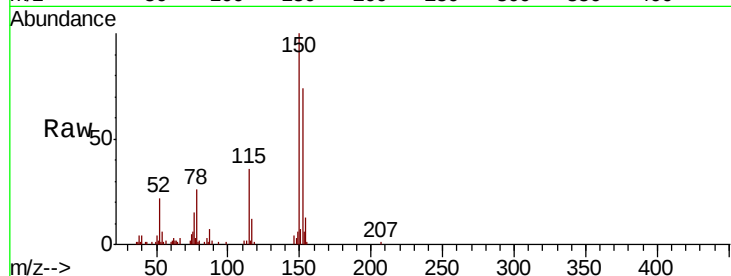
Tot Ion:152 Resp: 28623

Ion Ratio Lower Upper

152 100

150 134.8 129.4 194.0

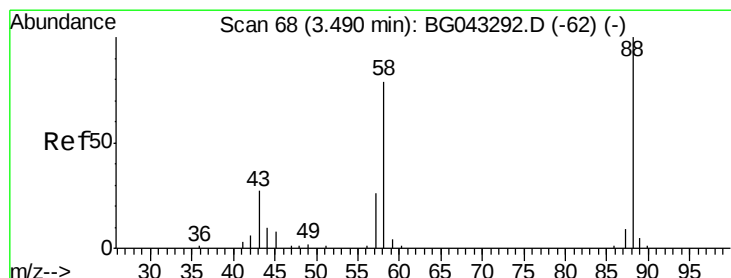
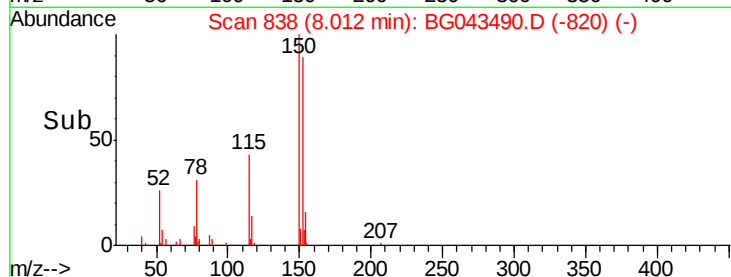
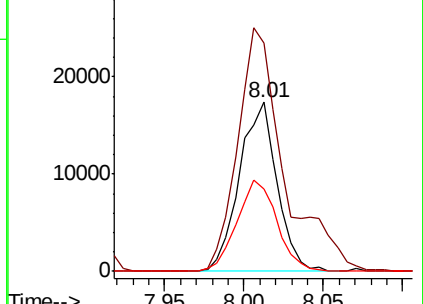
115 48.4 48.8 73.2#



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: 34.582 ng

RT: 3.46 min Scan# 64

Delta R.T. -0.01 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

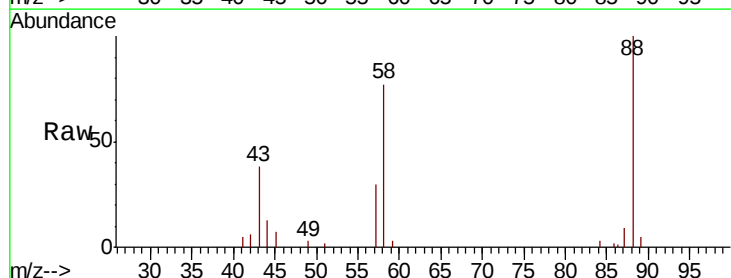
Tgt Ion: 88 Resp: 21050

Ion Ratio Lower Upper

88 100

58 74.8 62.7 94.1

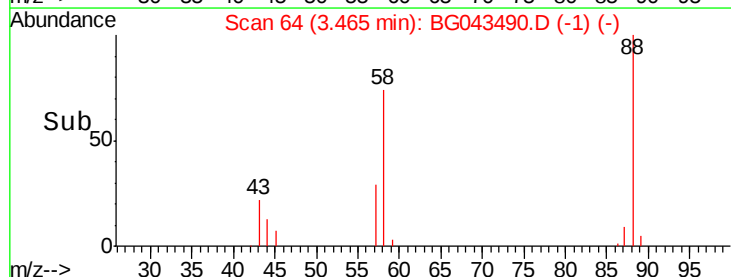
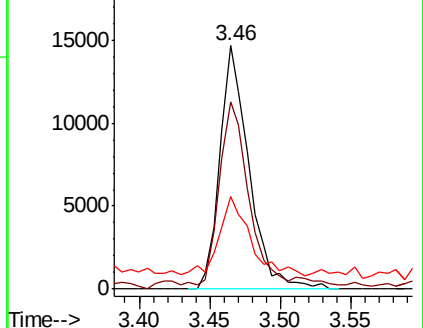
43 35.8 23.7 35.5#

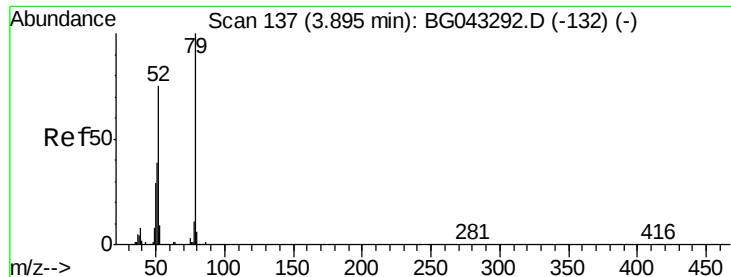


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.677 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

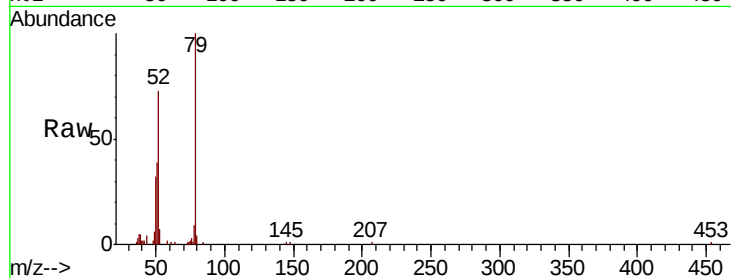
Tot Ion: 79 Resp: 51711

Ion Ratio Lower Upper

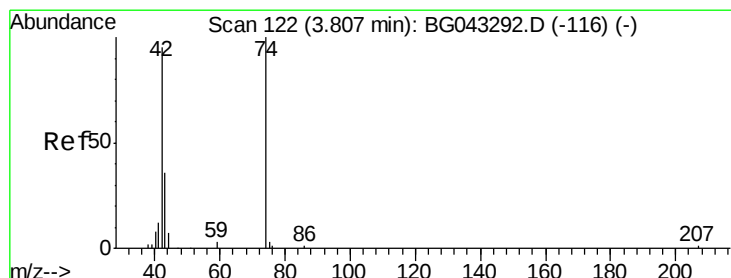
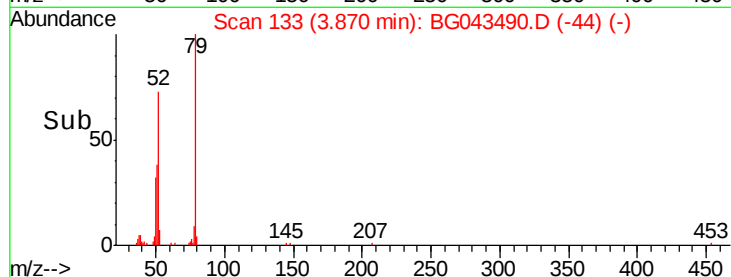
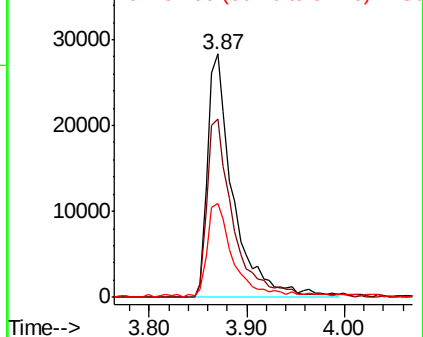
79 100

52 73.4 56.5 84.7

51 38.5 33.2 49.8



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



#4

n-Nitrosodimethylamine

Concen: 40.540 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

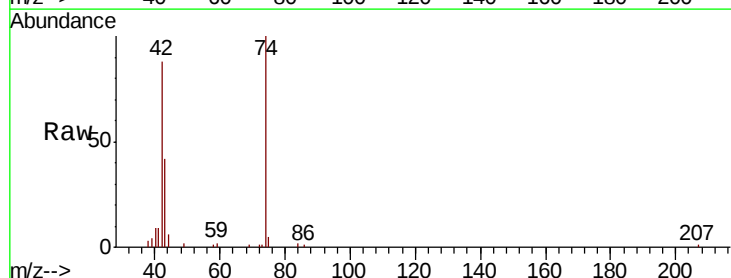
Tgt Ion: 42 Resp: 31411

Ion Ratio Lower Upper

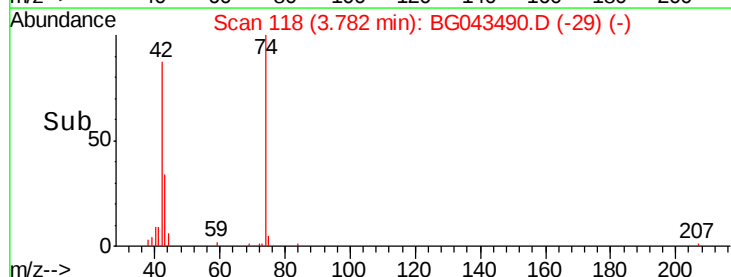
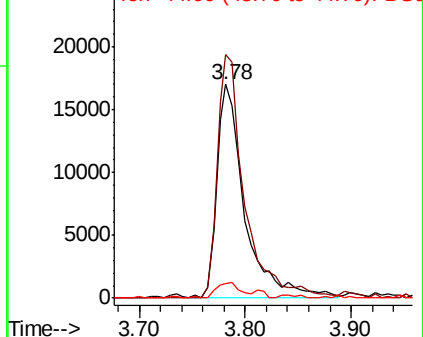
42 100

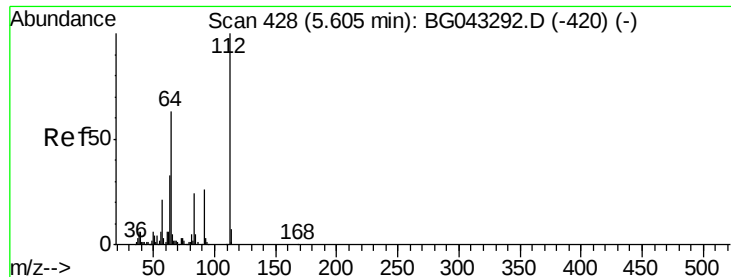
74 113.9 97.3 145.9

44 6.6 4.4 6.6#



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





#5

2-Fluorophenol

Concen: 110.247 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

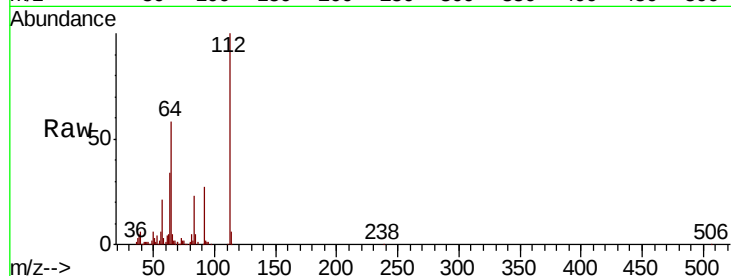
Tot Ion:112 Resp: 172207

Ion Ratio Lower Upper

112 100

64 57.9 50.0 75.0

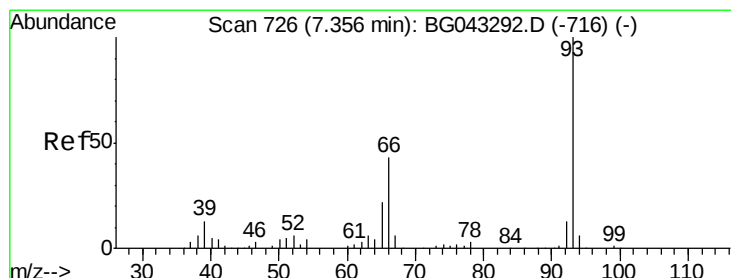
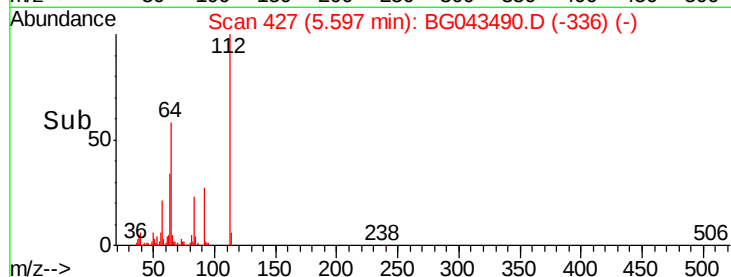
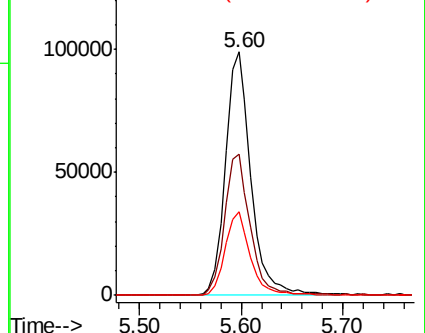
63 34.5 26.6 40.0



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: 17.237 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

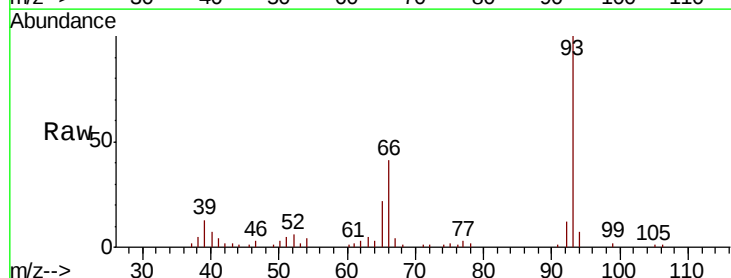
Tgt Ion: 93 Resp: 44624

Ion Ratio Lower Upper

93 100

66 41.3 32.3 48.5

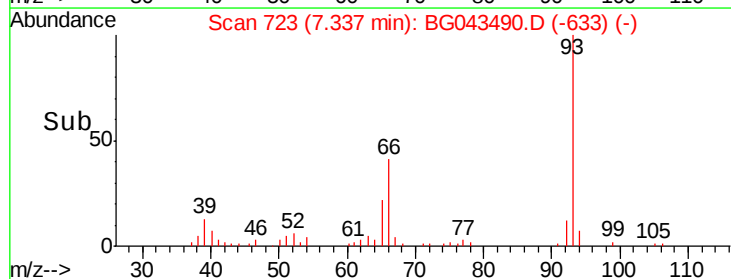
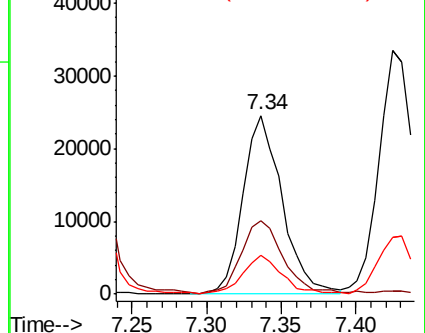
65 21.9 16.1 24.1

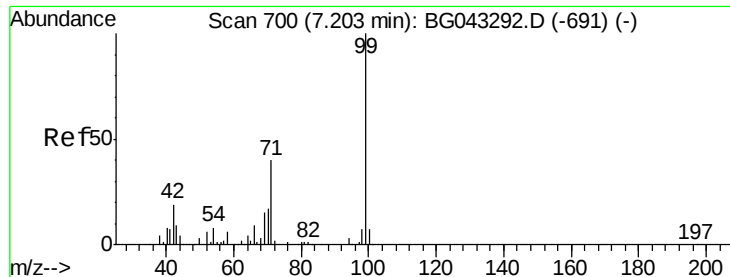


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.707 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

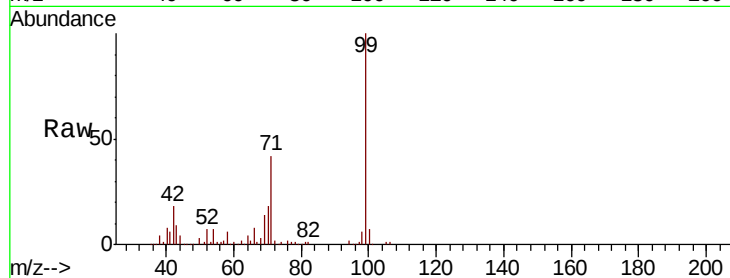
Tot Ion: 99 Resp: 244304

Ion Ratio Lower Upper

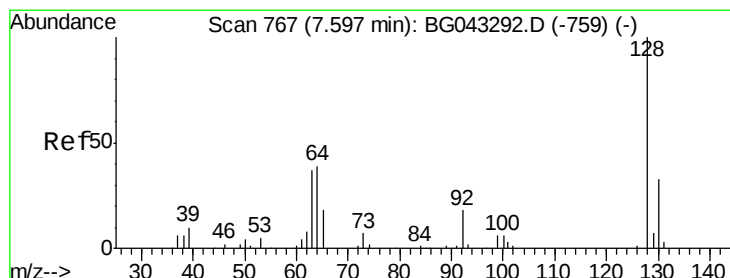
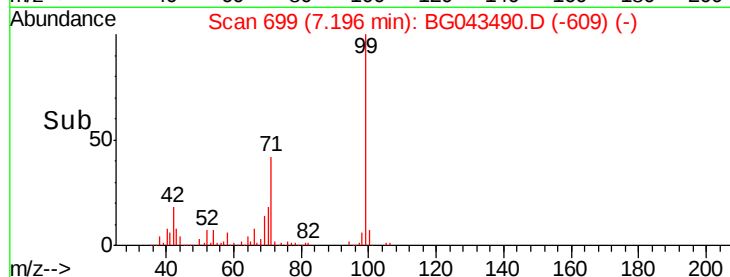
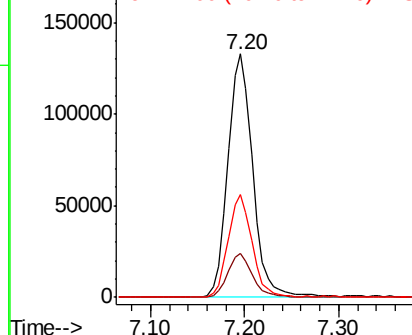
99 100

42 17.9 14.6 21.8

71 42.4 32.5 48.7



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



#8

2-Chlorophenol

Concen: 41.119 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

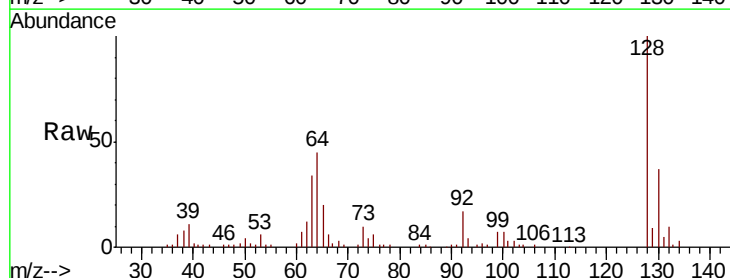
Tgt Ion: 128 Resp: 70900

Ion Ratio Lower Upper

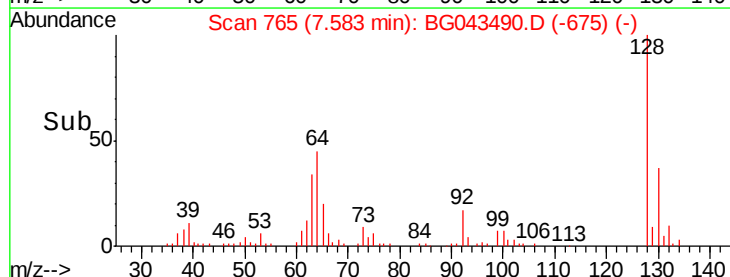
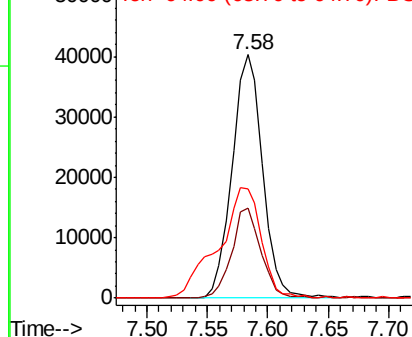
128 100

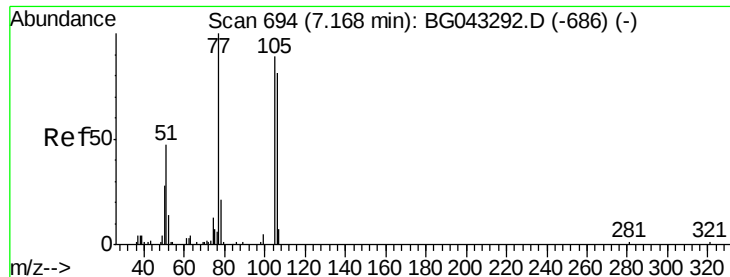
130 37.2 12.5 52.5

64 44.8 25.3 65.3



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





#9

Benzaldehyde

Concen: 32.257 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampled :

TP-30-SMSD

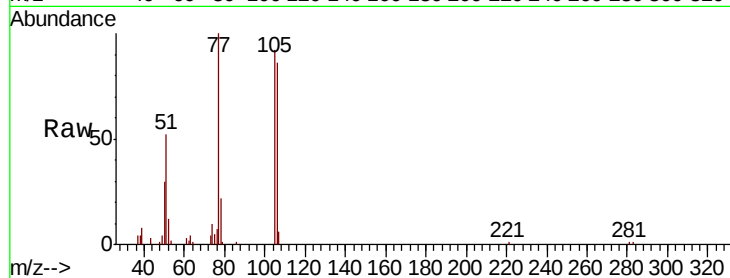
Tot Ion: 77 Resp: 35626

Ion Ratio Lower Upper

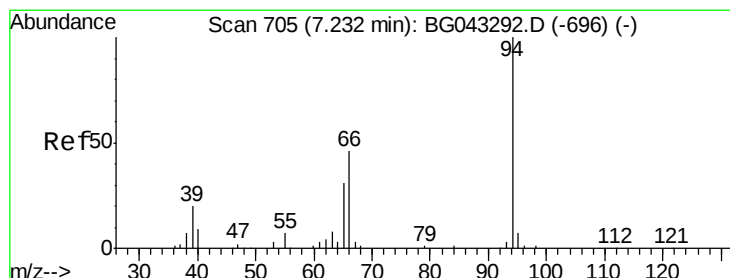
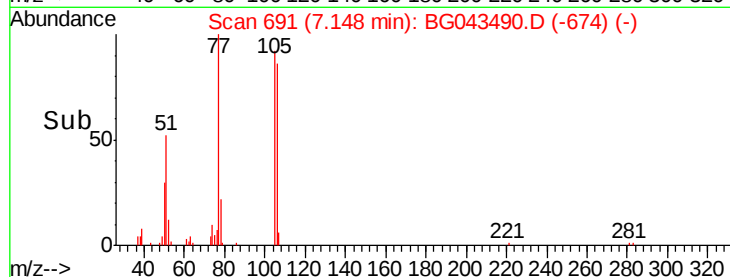
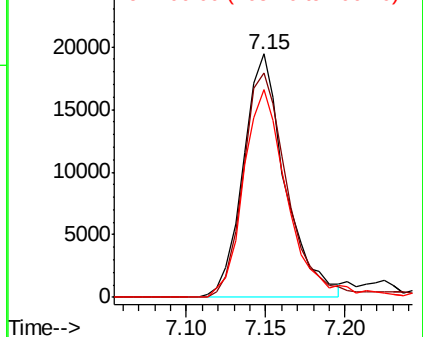
77 100

105 92.0 68.6 108.6

106 85.5 69.9 109.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.830 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

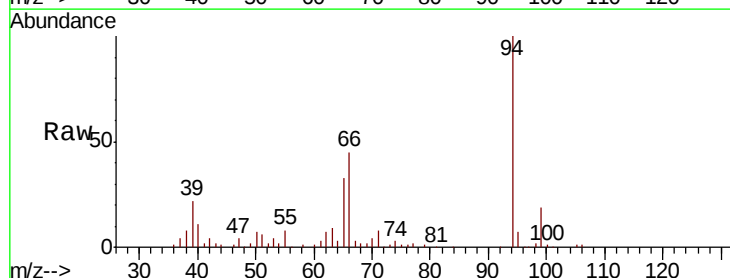
Tgt Ion: 94 Resp: 96171

Ion Ratio Lower Upper

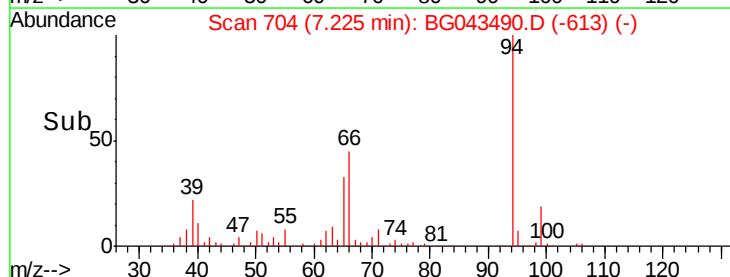
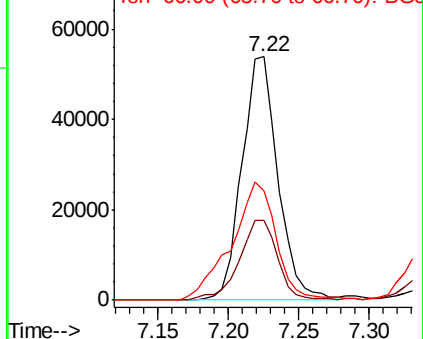
94 100

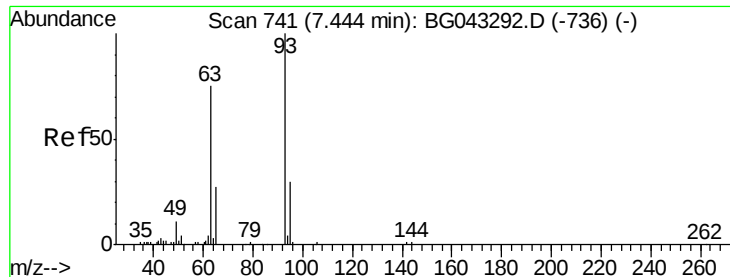
65 32.9 12.6 52.6

66 44.9 30.7 70.7



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

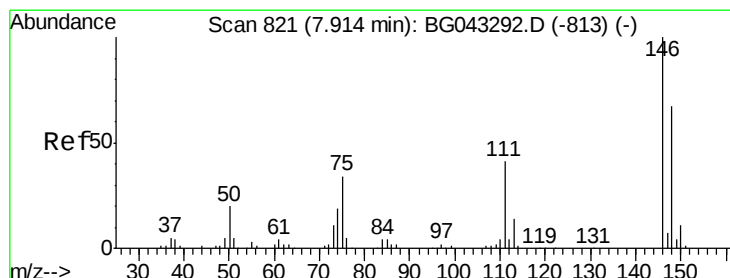
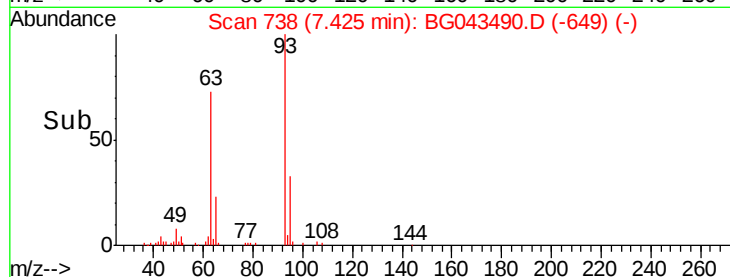
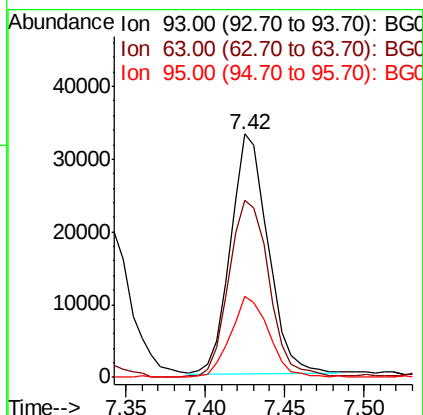
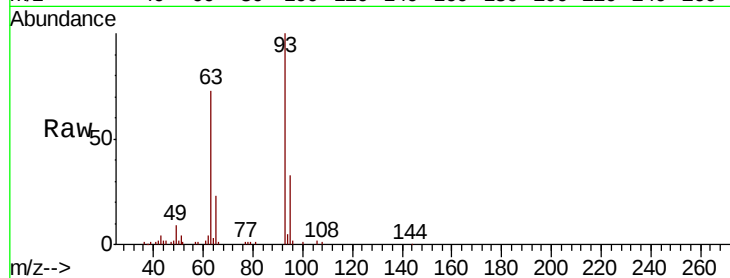




#11
bis(2-Chloroethyl)ether
Concen: 34.201 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

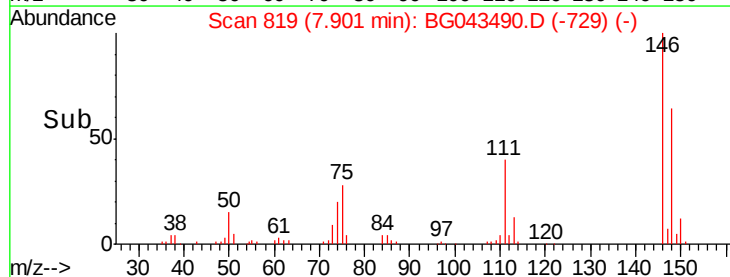
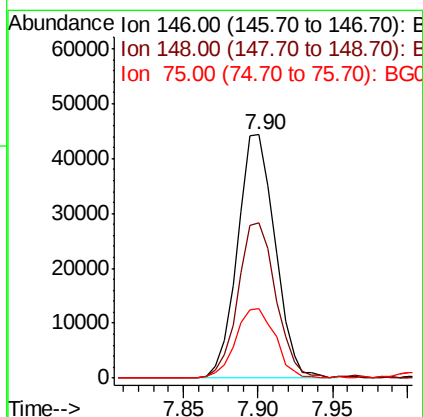
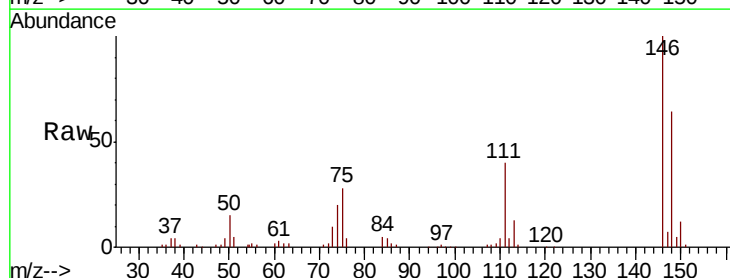
Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

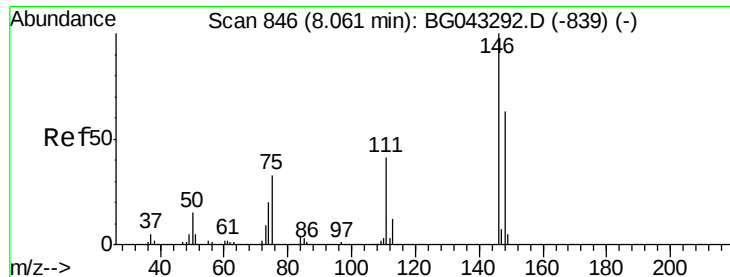
Tot Ion: 93 Resp: 54302
Ion Ratio Lower Upper
93 100
63 72.6 56.3 96.3
95 33.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 35.975 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion: 146 Resp: 77720
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
75 28.4 24.6 37.0

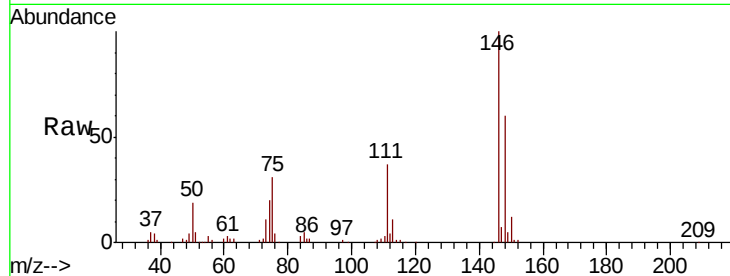




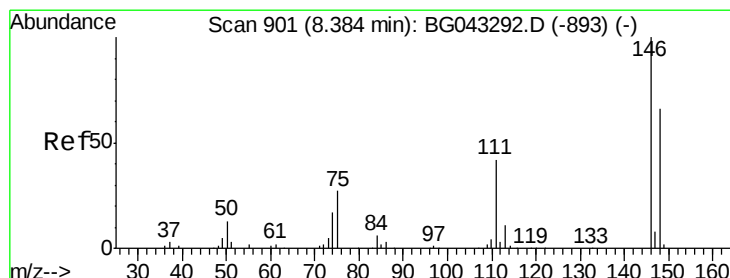
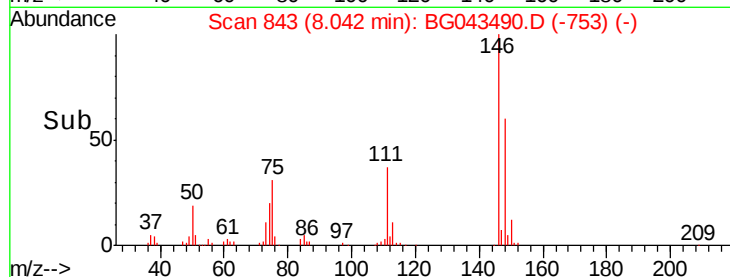
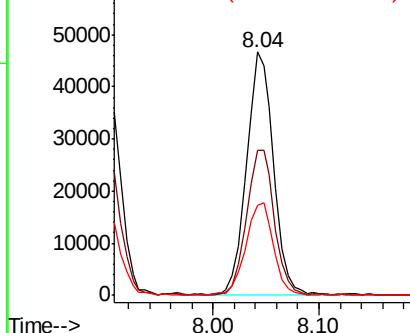
#13
 1,4-Dichlorobenzene
 Concen: 38.076 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

Tot Ion:146 Resp: 83225
 Ion Ratio Lower Upper
 146 100
 148 59.6 50.7 76.1
 111 37.1 33.4 50.2

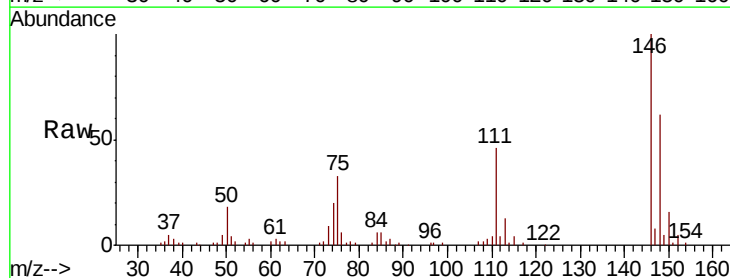


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

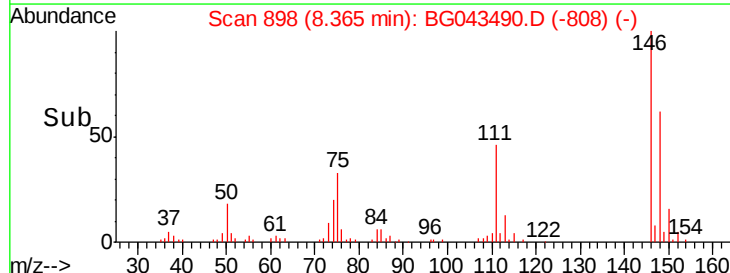
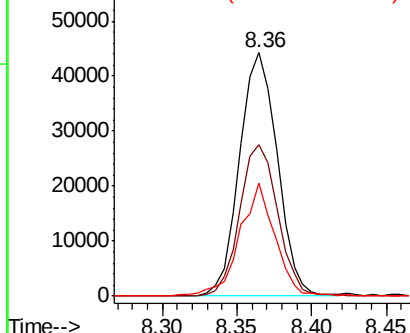


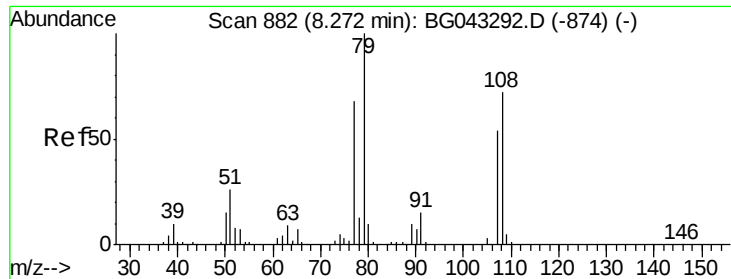
#14
 1,2-Dichlorobenzene
 Concen: 36.491 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion:146 Resp: 77879
 Ion Ratio Lower Upper
 146 100
 148 62.5 53.2 79.8
 111 46.4 35.8 53.6



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: 39.973 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

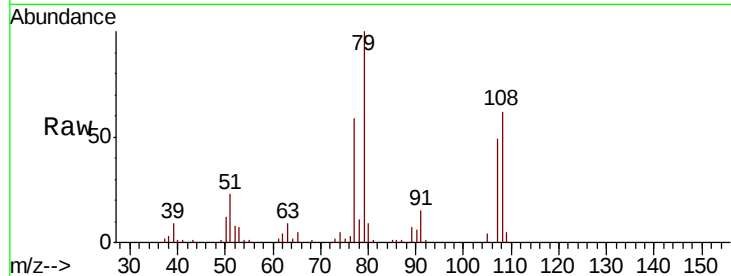
Tot Ion: 79 Resp: 63091

Ion Ratio Lower Upper

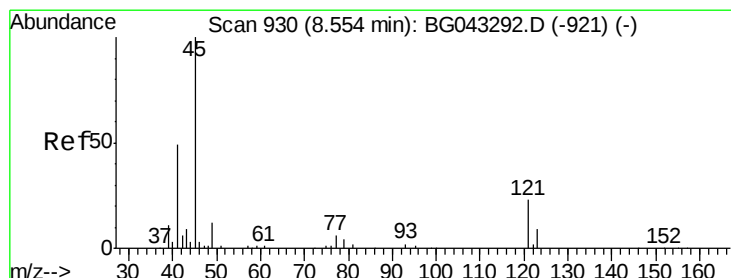
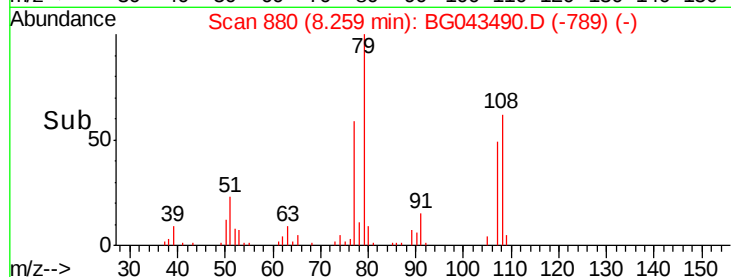
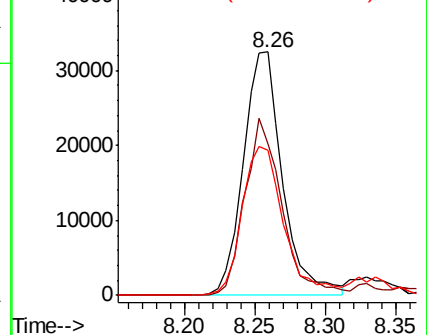
79 100

108 62.1 53.6 80.4

77 59.5 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.716 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

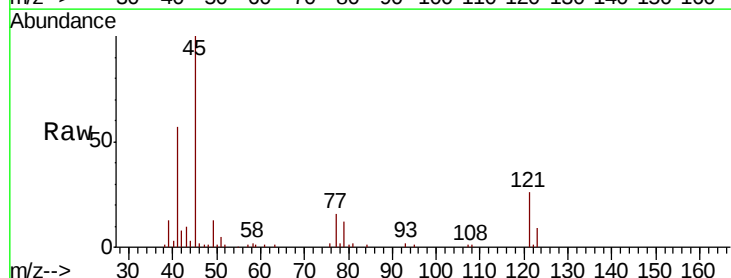
Tgt Ion: 45 Resp: 73223

Ion Ratio Lower Upper

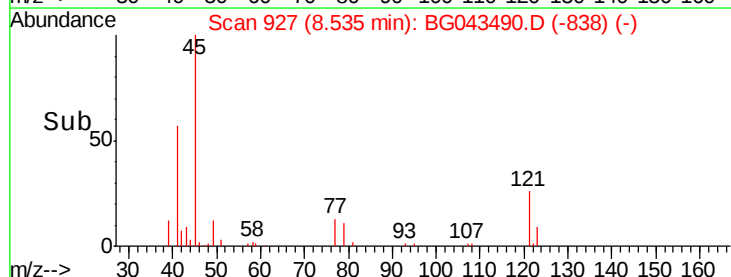
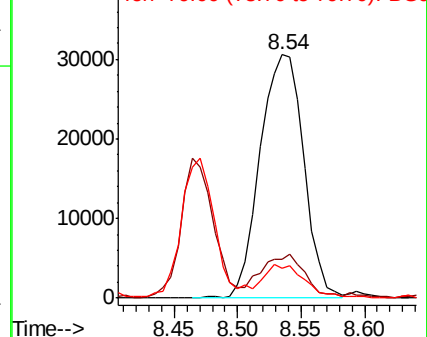
45 100

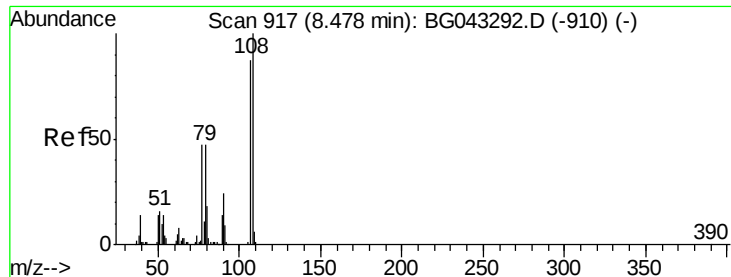
77 15.8 0.0 34.9

79 12.5 0.0 33.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 40.116 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

Tot Ion:107 Resp: 60057

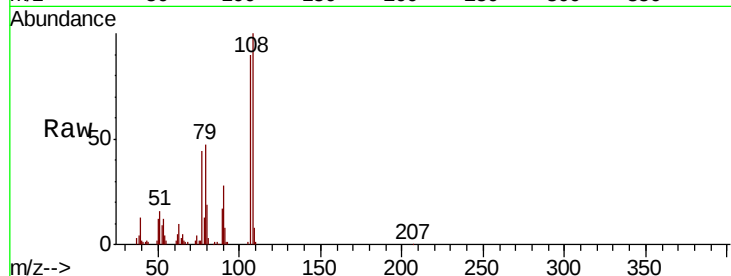
Ion Ratio Lower Upper

107 100

108 111.2 90.2 135.4

77 48.9 40.2 60.2

79 52.4 44.0 66.0

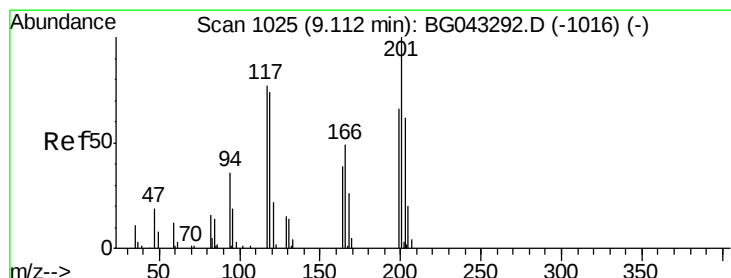
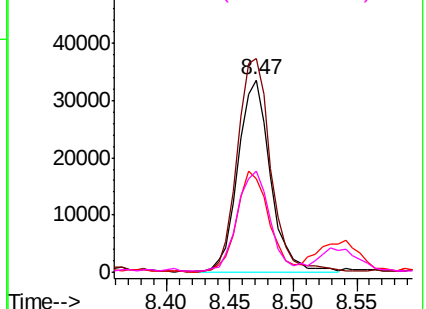
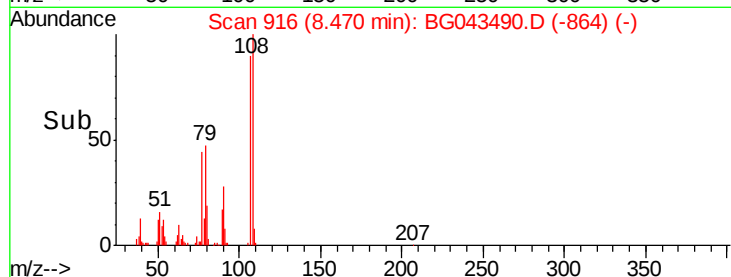


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 34.190 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

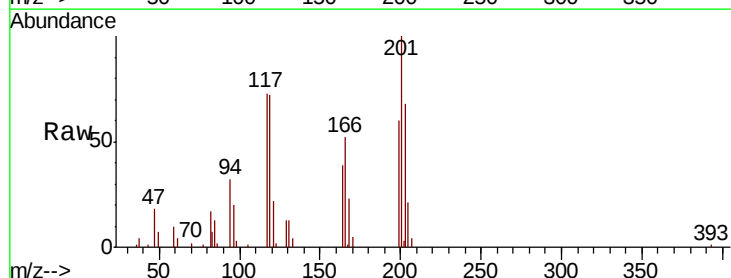
Tgt Ion:117 Resp: 26962

Ion Ratio Lower Upper

117 100

119 98.4 79.0 118.4

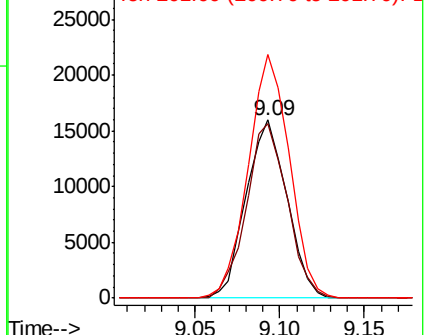
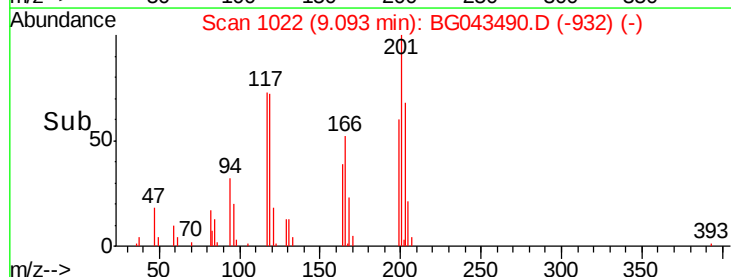
201 136.9 105.4 158.2

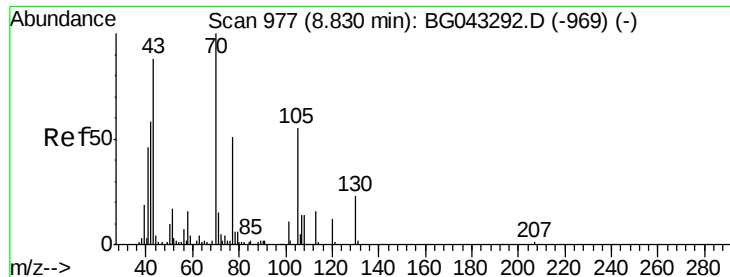


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

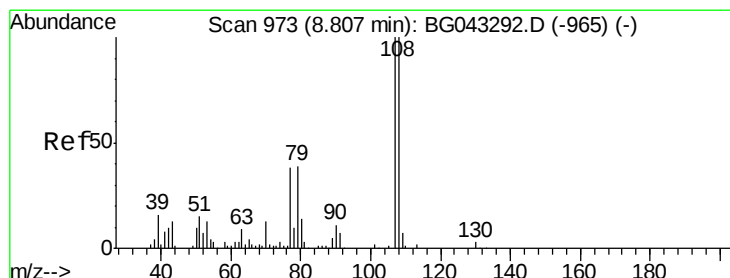
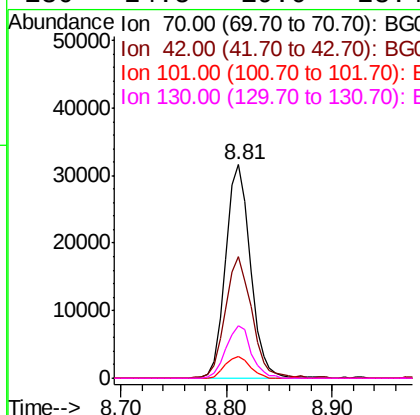
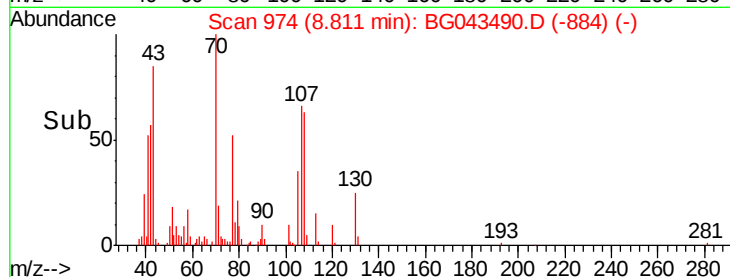
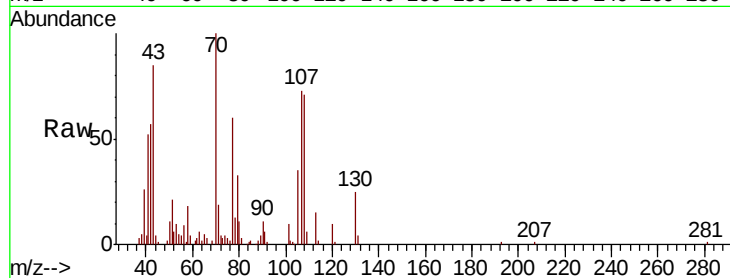




#19
n-Nitroso-di-n-propylamine
Concen: 35.589 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

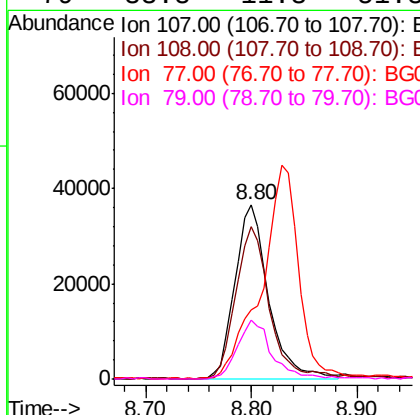
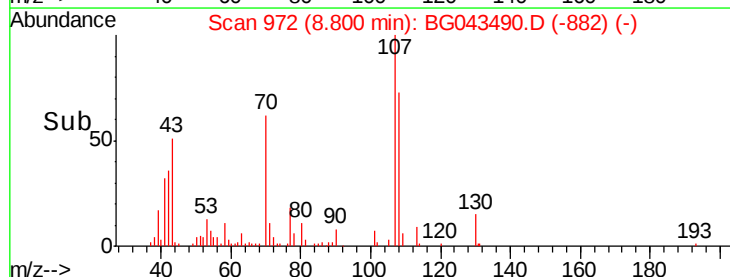
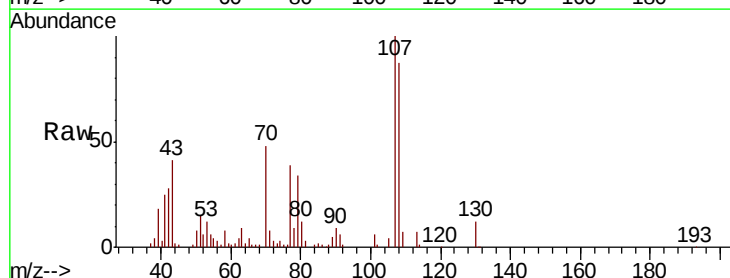
Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

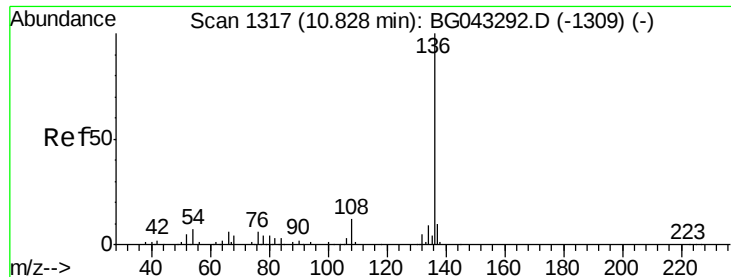
Tot Ion:	70	Resp:	51682
Ion	Ratio	Lower	Upper
70	100		
42	57.2	41.4	62.2
101	10.0	7.9	11.9
130	24.5	19.0	28.4



#20
3+4-Methylphenols
Concen: 39.302 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion:	107	Resp:	80683
Ion	Ratio	Lower	Upper
107	100		
108	87.0	66.6	106.6
77	39.4	20.9	60.9
79	33.8	11.3	51.3

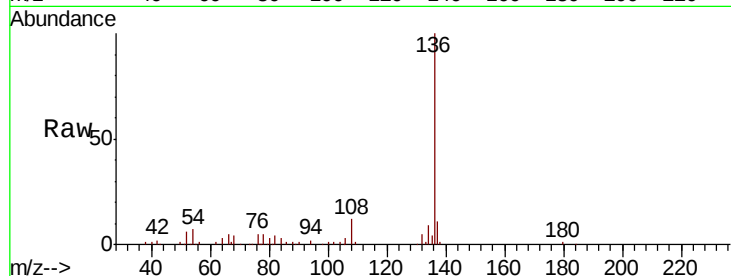




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion:136	Resp:	110298
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.7	13.1
54 6.6	5.4	8.2
68 4.0	3.0	4.4



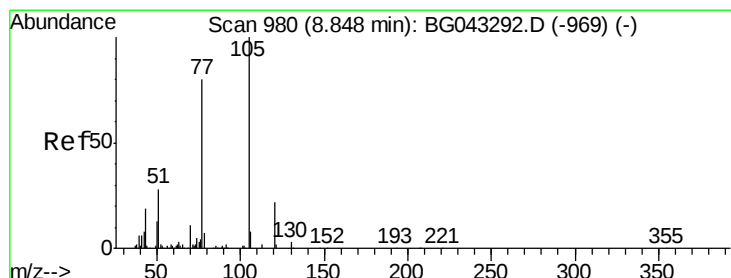
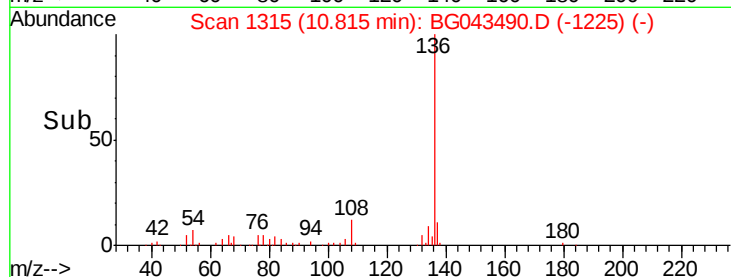
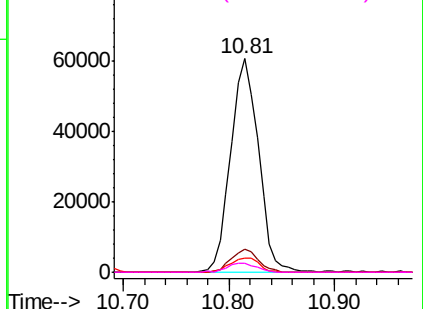
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

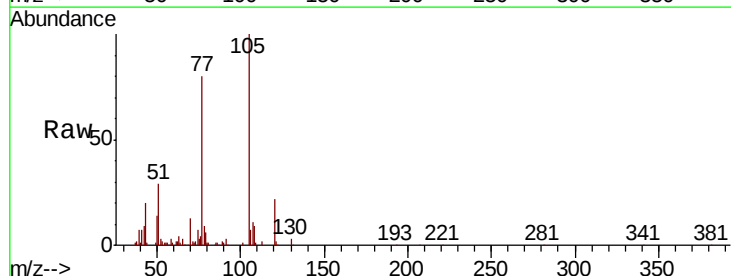
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.791 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt	Ion:105	Resp:	103921
Ion	Ratio	Lower	Upper
105	100		
71	2.5	0.8	1.2#
51	29.4	21.0	31.4
120	22.0	18.0	27.0



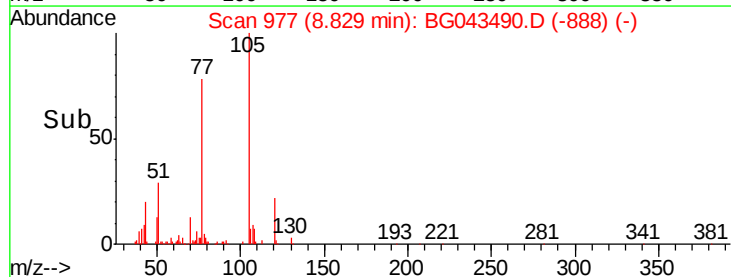
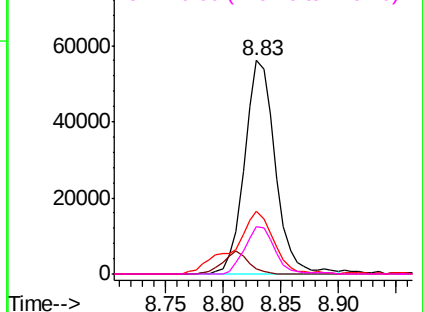
Abundance

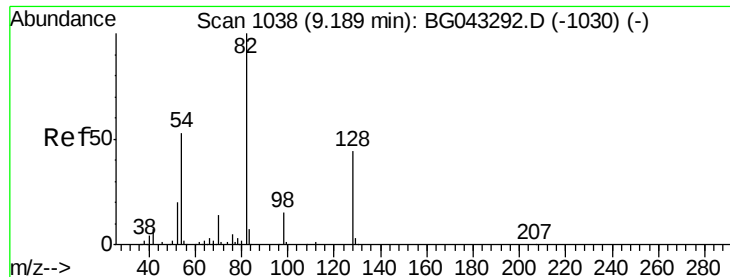
Ion 105.00 (104.70 to 105.70): E

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

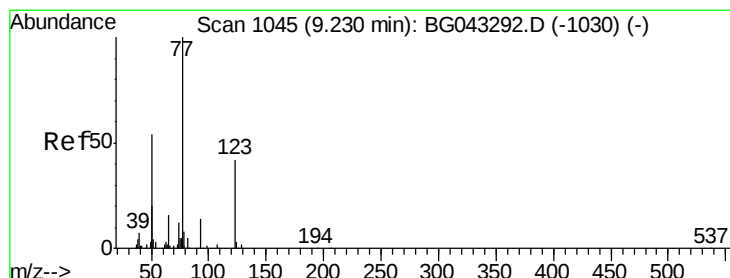
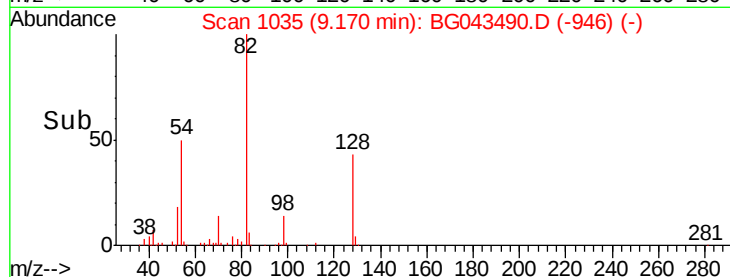
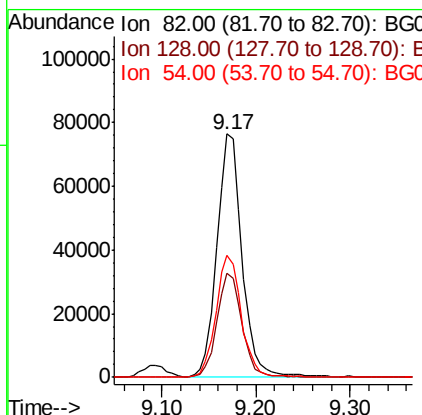
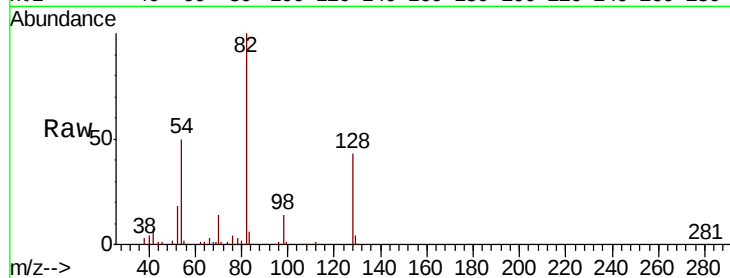




#23
 Nitrobenzene-d5
 Concen: 66.848 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

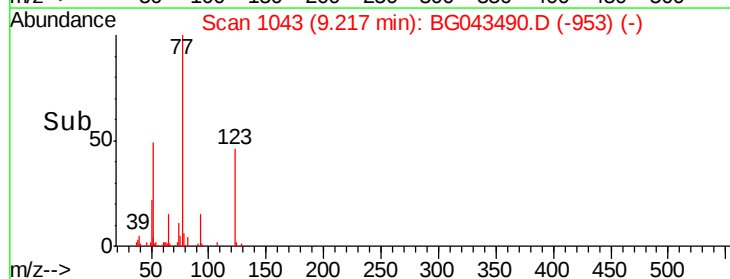
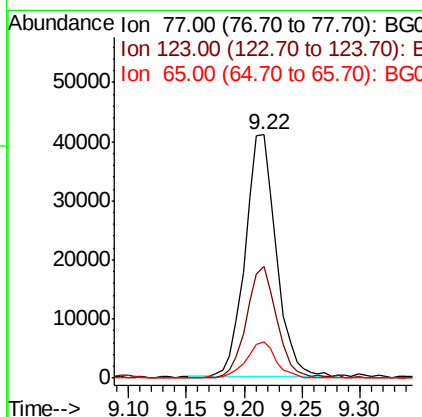
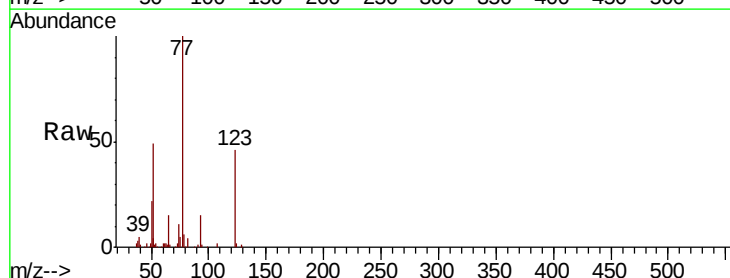
Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

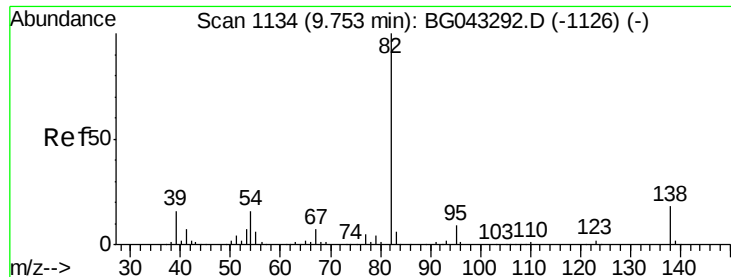
Tot Ion: 82 Resp: 143017
 Ion Ratio Lower Upper
 82 100
 128 42.6 35.0 52.6
 54 50.0 40.2 60.2



#24
 Nitrobenzene
 Concen: 37.759 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion: 77 Resp: 76955
 Ion Ratio Lower Upper
 77 100
 123 46.1 35.0 52.6
 65 14.8 9.5 14.3#





#25

Isophorone

Concen: 38.253 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

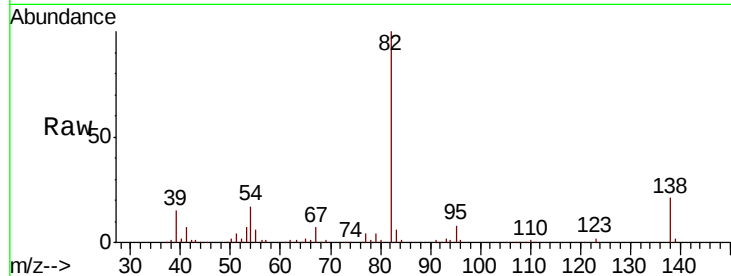
Tot Ion: 82 Resp: 149628

Ion Ratio Lower Upper

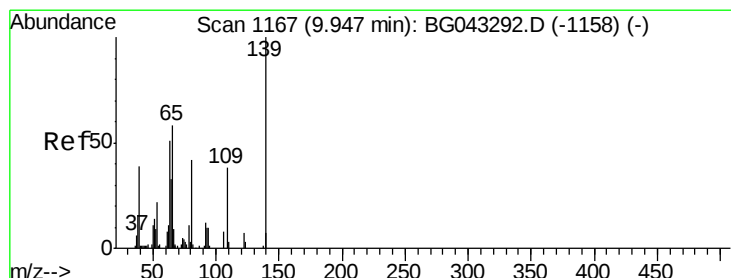
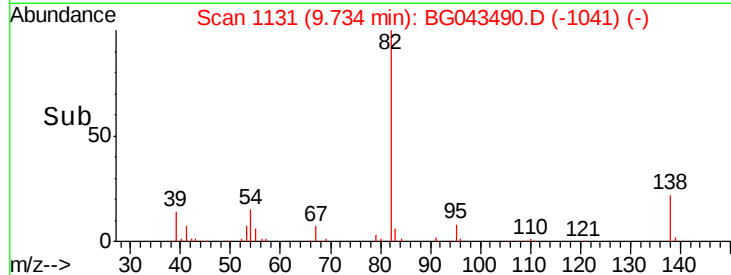
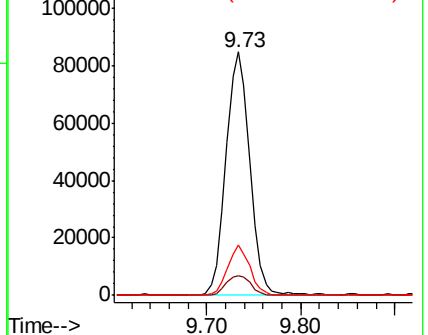
82 100

95 8.0 6.6 9.8

138 20.8 15.2 22.8



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



#26

2-Nitrophenol

Concen: 42.091 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

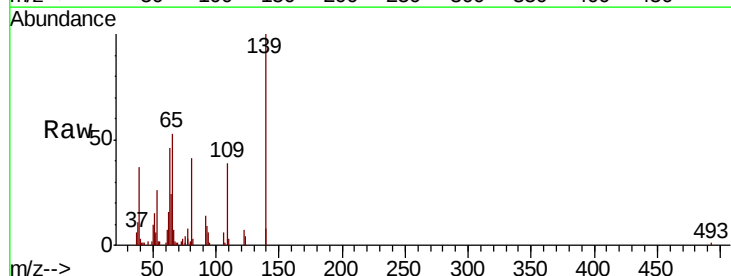
Tgt Ion: 139 Resp: 41415

Ion Ratio Lower Upper

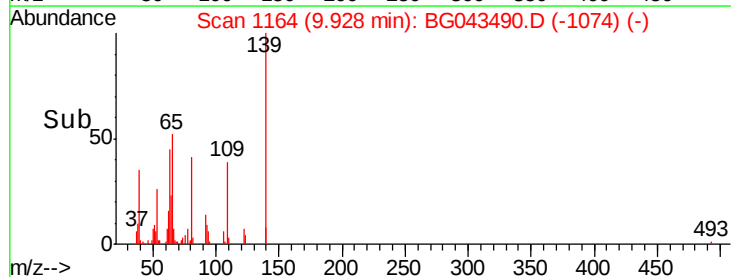
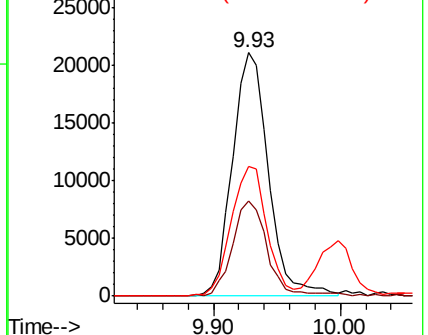
139 100

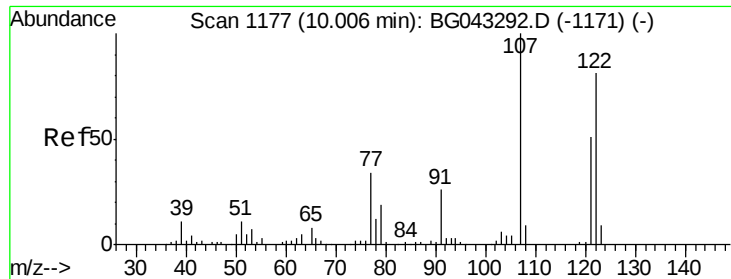
109 39.3 26.5 39.7

65 53.1 43.8 65.8



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

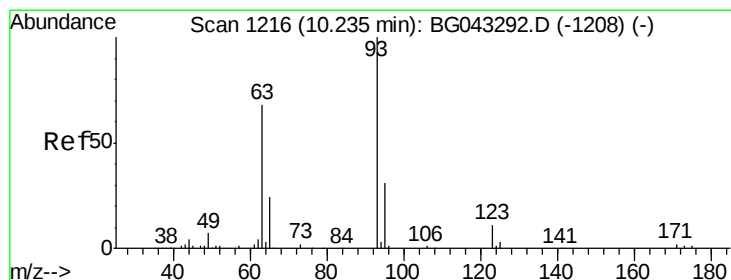
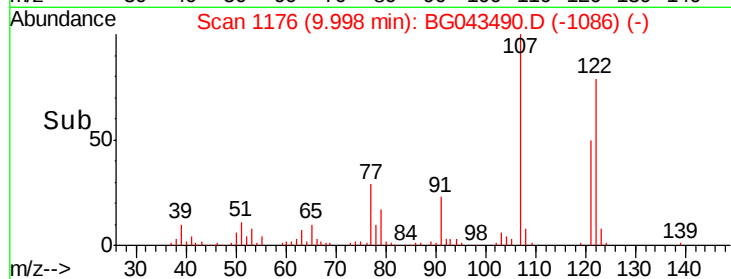
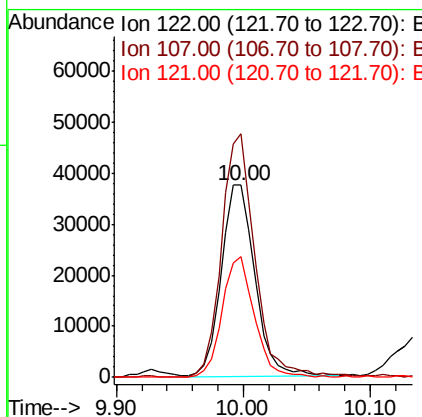
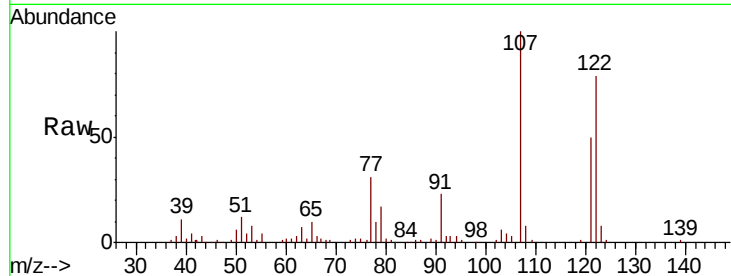




#27
2,4-Dimethylphenol
Concen: 48.659 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

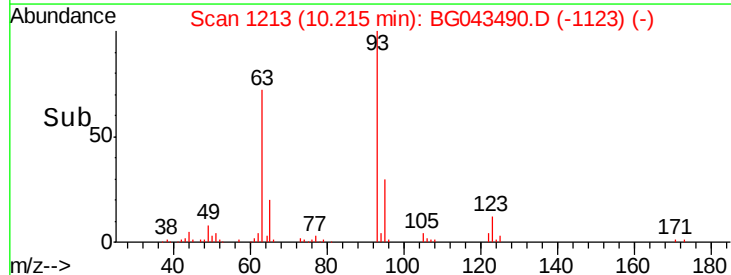
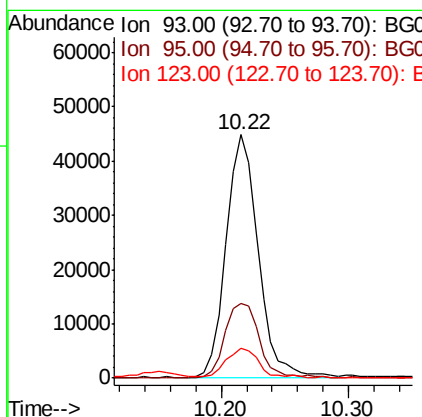
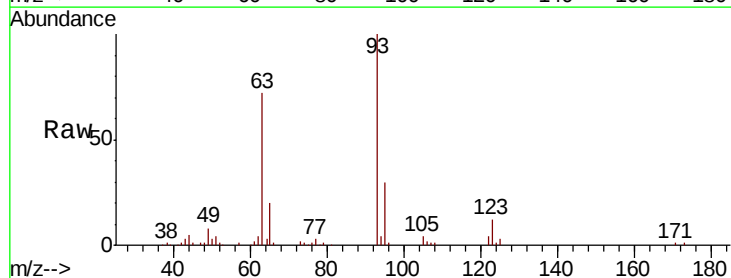
Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

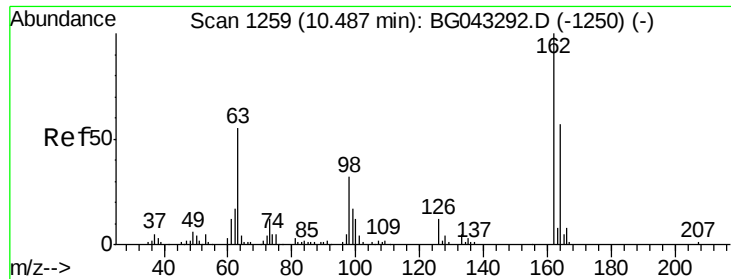
Tot Ion:122 Resp: 68622
Ion Ratio Lower Upper
122 100
107 126.9 104.4 156.6
121 63.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 36.578 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion: 93 Resp: 78965
Ion Ratio Lower Upper
93 100
95 30.4 26.0 39.0
123 12.2 10.6 15.8

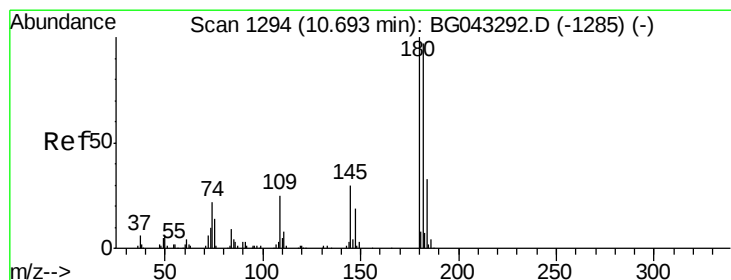
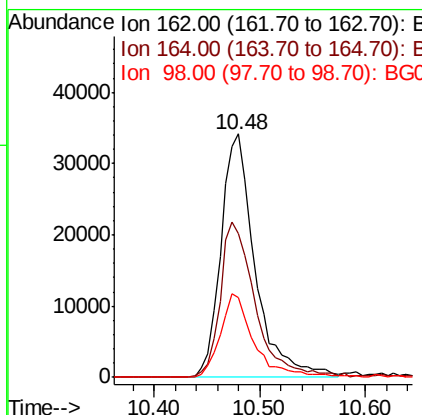
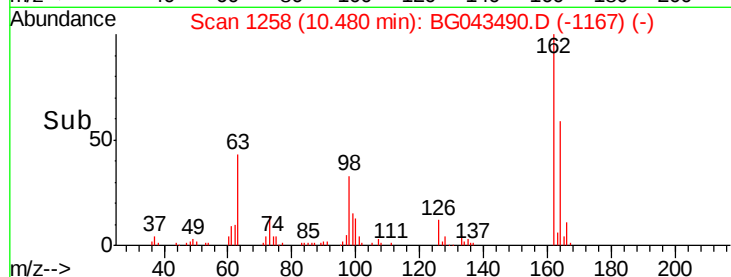
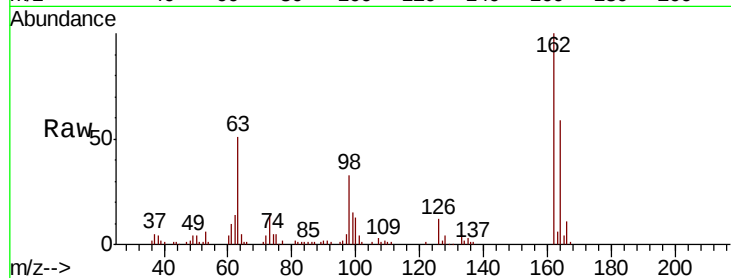




#29
 2,4-Dichlorophenol
 Concen: 42.527 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

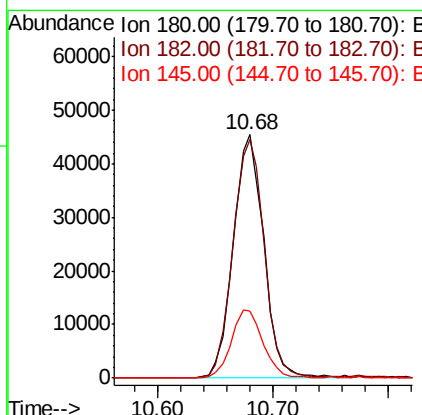
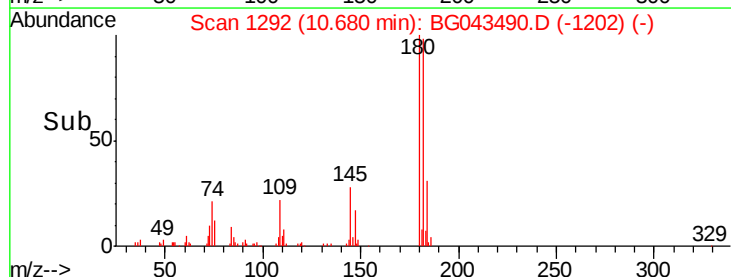
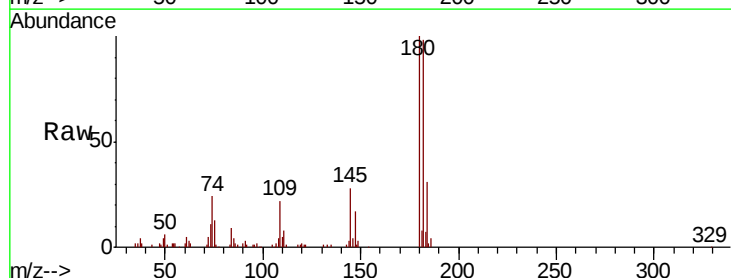
Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

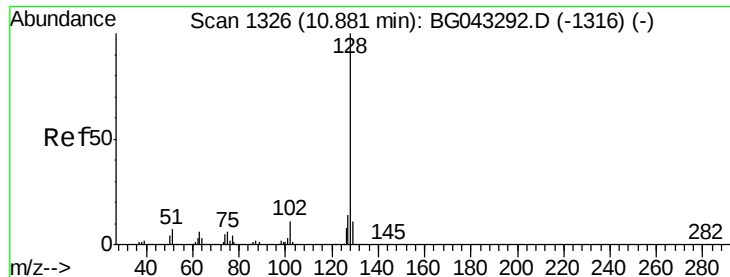
Tot Ion:162 Resp: 76843
 Ion Ratio Lower Upper
 162 100
 164 59.0 48.9 88.9
 98 32.9 15.1 55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.499 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion:180 Resp: 83123
 Ion Ratio Lower Upper
 180 100
 182 97.7 75.1 112.7
 145 27.8 23.9 35.9

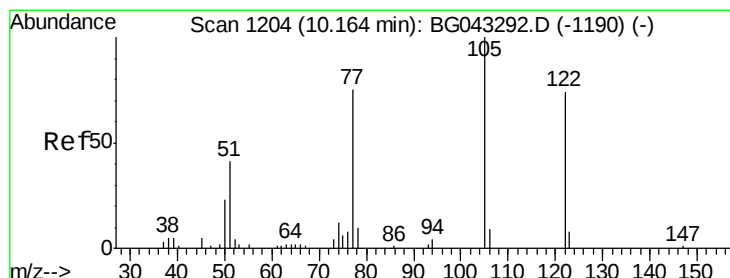
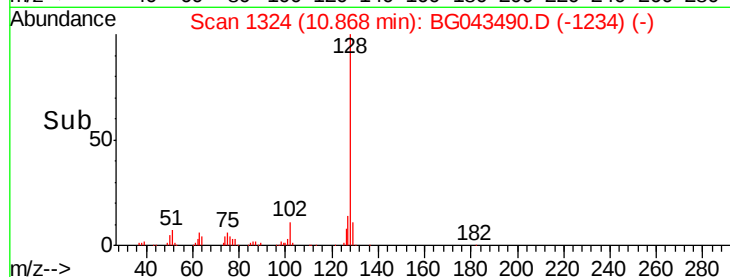
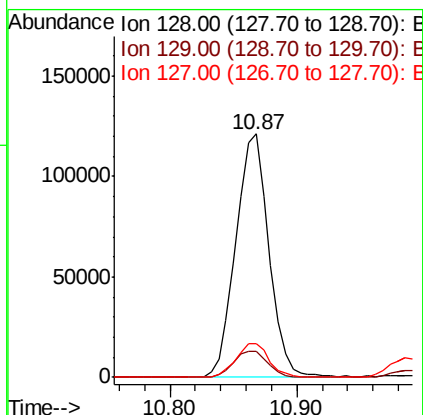
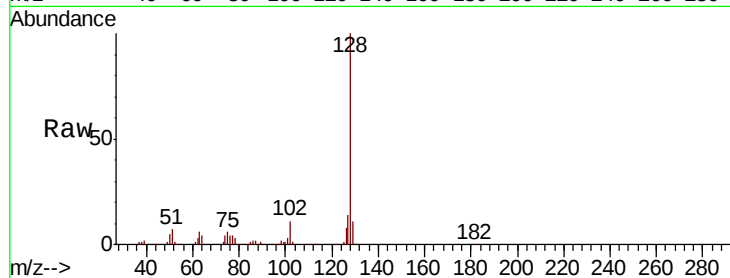




#31
Naphthalene
Concen: 39.147 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

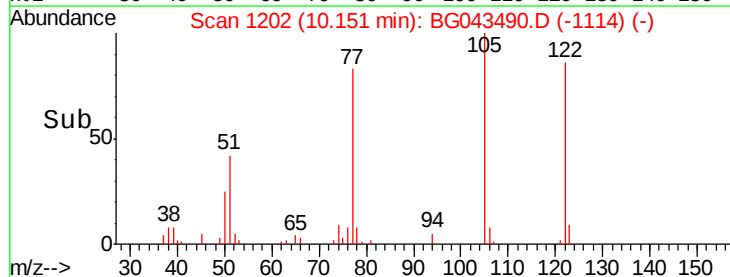
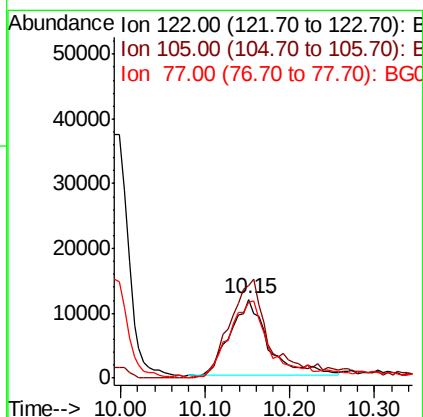
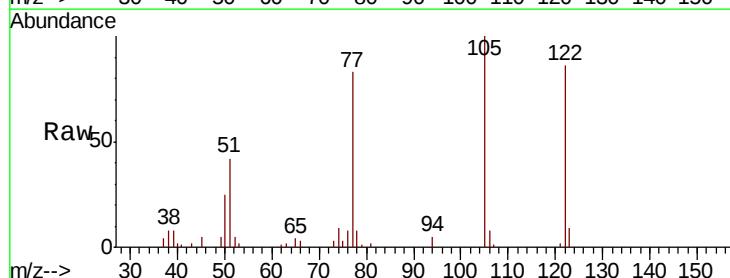
Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

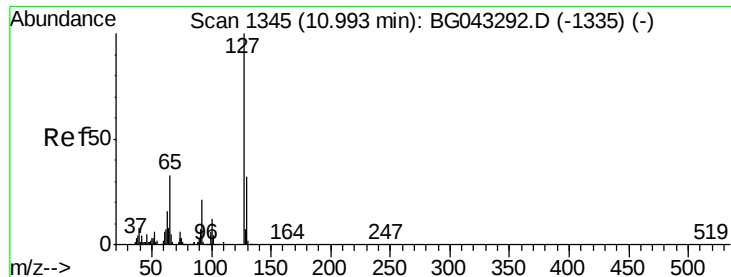
Tot Ion:128 Resp: 219169
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.0
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 37.084 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion:122 Resp: 37202
Ion Ratio Lower Upper
122 100
105 116.7 103.3 143.3
77 96.5 84.9 124.9

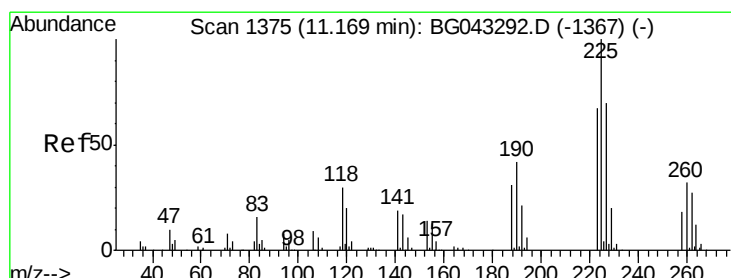
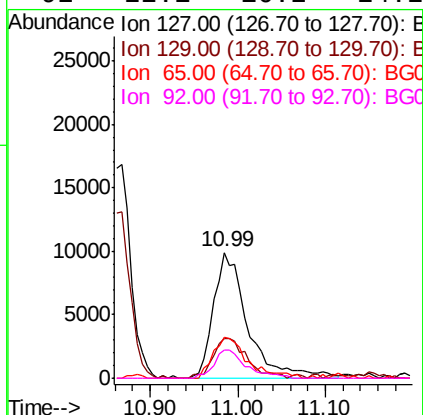
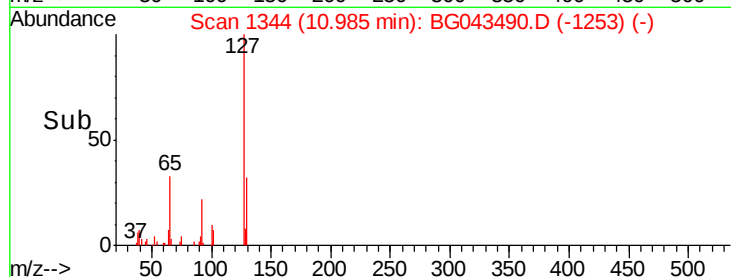
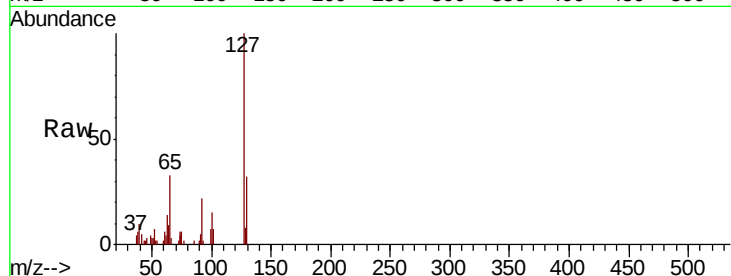




#33
4-Chloroaniline
Concen: 11.659 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

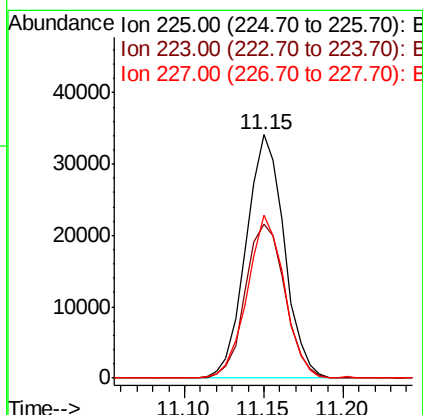
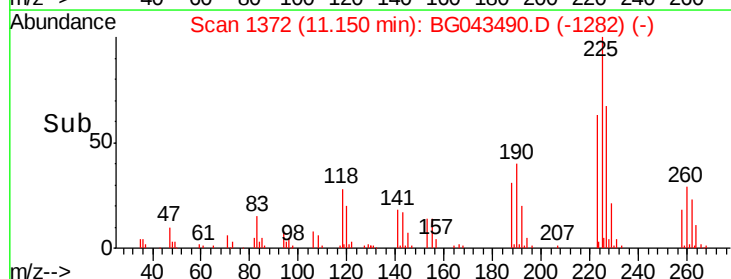
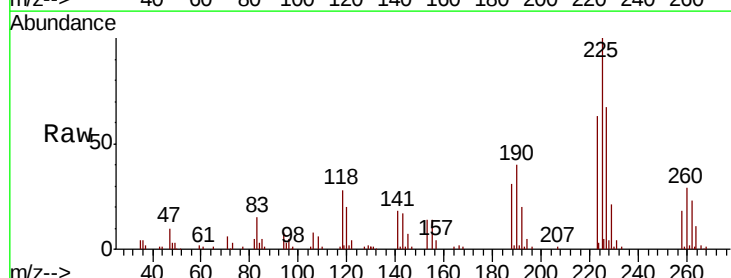
Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

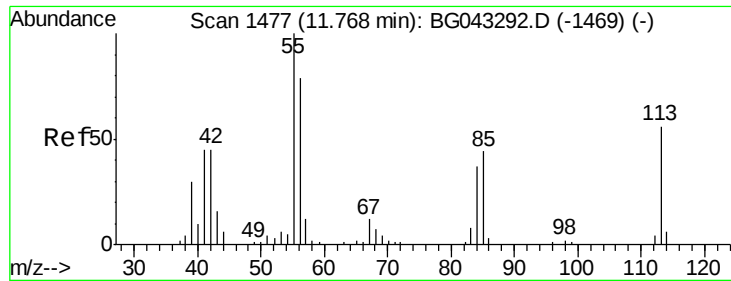
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	32.7	26.4	39.6
92	22.1	16.2	24.2



#34
Hexachlorobutadiene
Concen: 33.898 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	52.7	79.1
227	67.0	54.8	82.2





#35

Caprolactam

Concen: 26.948 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

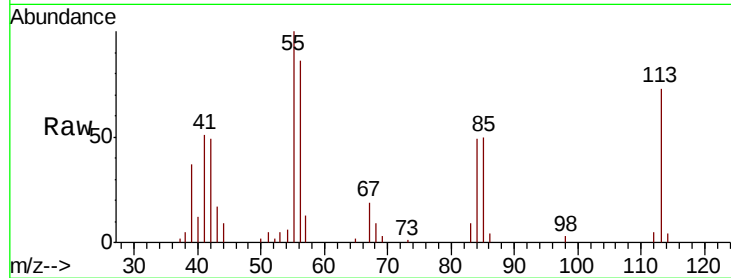
Tot Ion:113 Resp: 16770

Ion Ratio Lower Upper

113 100

55 136.8 134.1 174.1

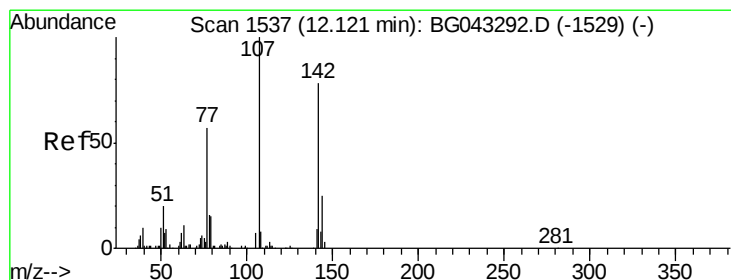
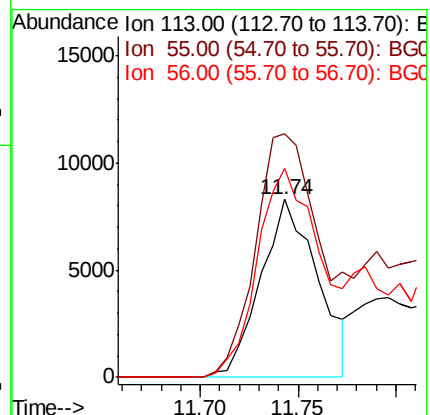
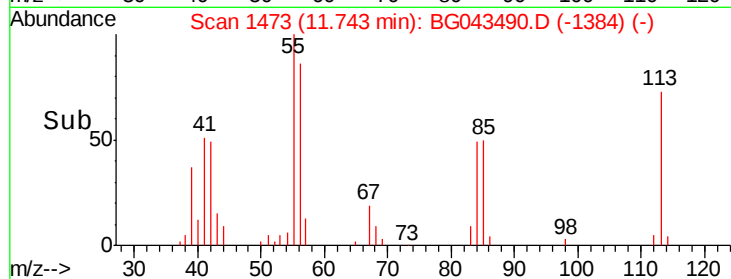
56 117.1 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.727 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

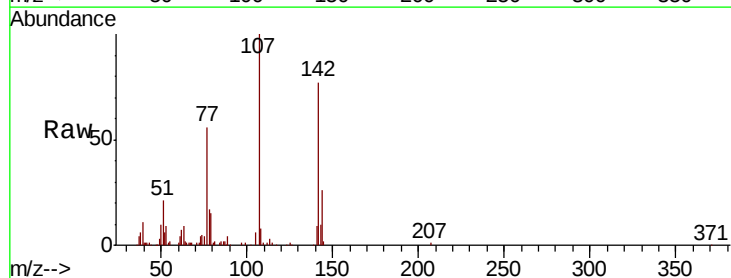
Tgt Ion:107 Resp: 90126

Ion Ratio Lower Upper

107 100

144 25.6 20.9 31.3

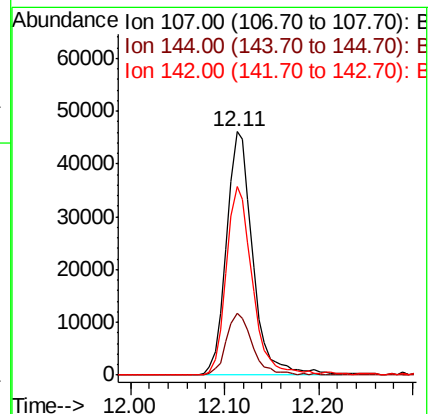
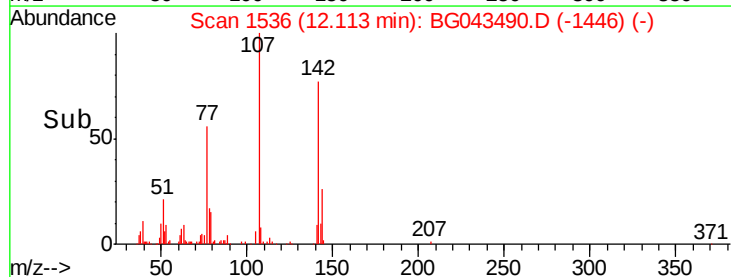
142 77.3 59.6 89.4

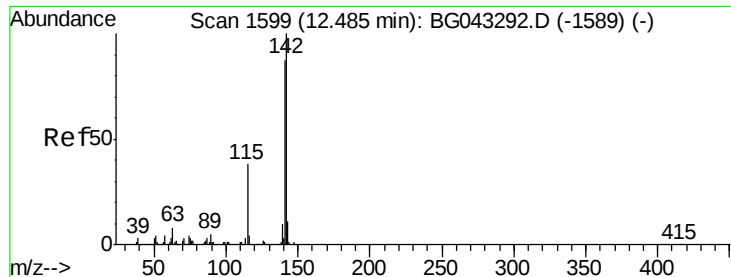


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

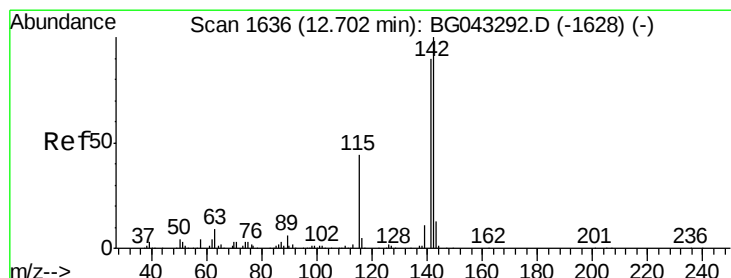
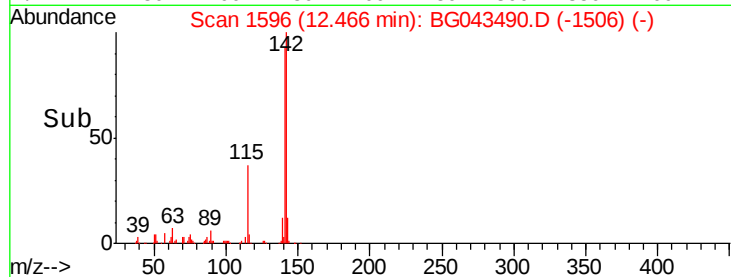
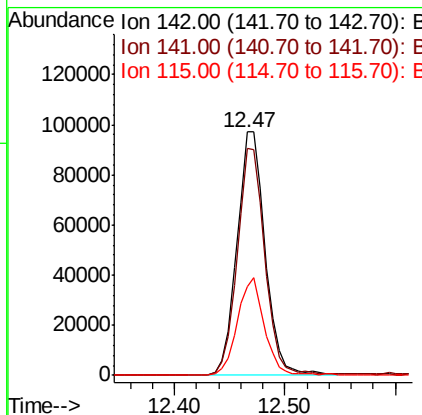
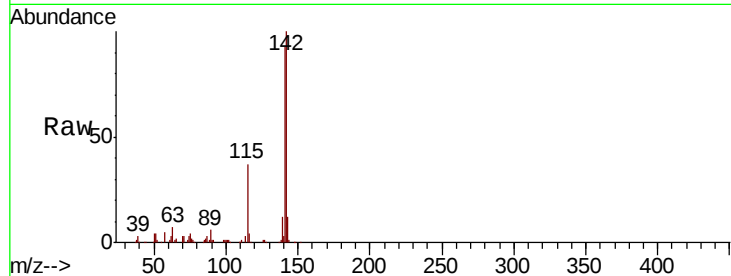




#37
2-Methylnaphthalene
Concen: 40.690 ng
RT: 12.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

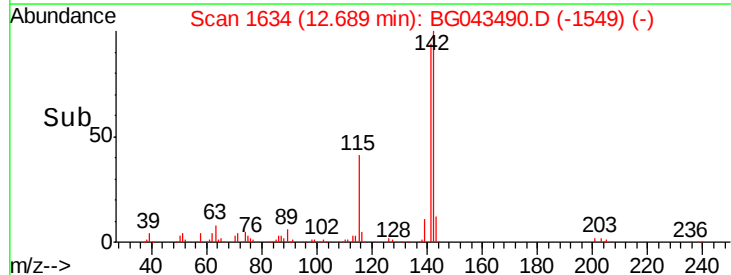
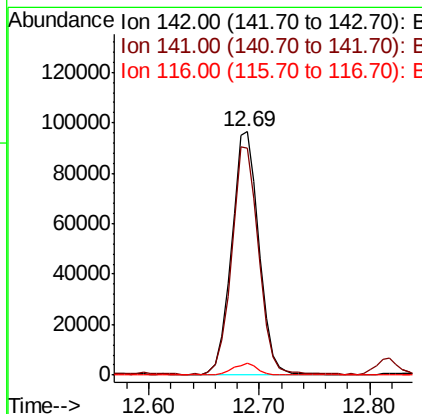
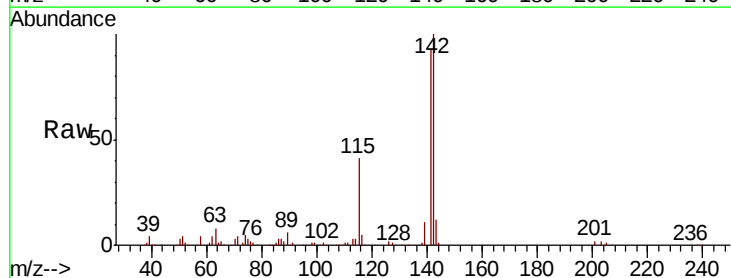
Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

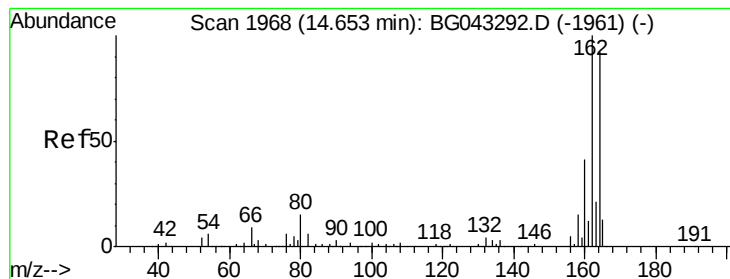
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.2	108.2
115	36.5	33.2	49.8



#38
1-Methylnaphthalene
Concen: 40.967 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.2	109.8
116	4.7	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

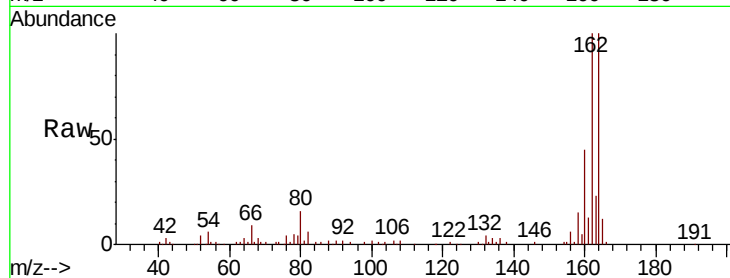
Tot Ion:164 Resp: 87698

Ion Ratio Lower Upper

164 100

162 100.1 83.5 125.3

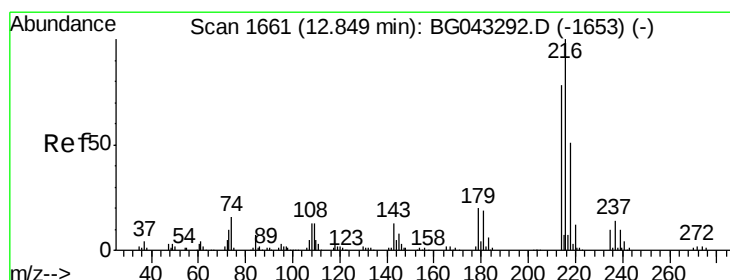
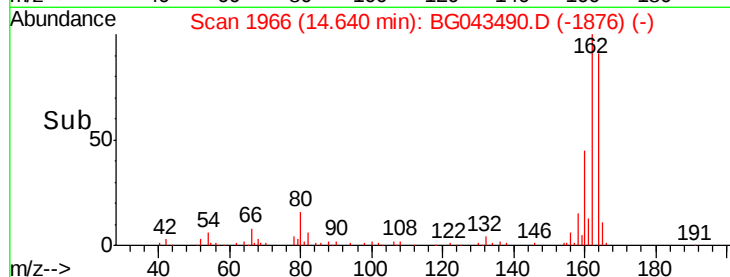
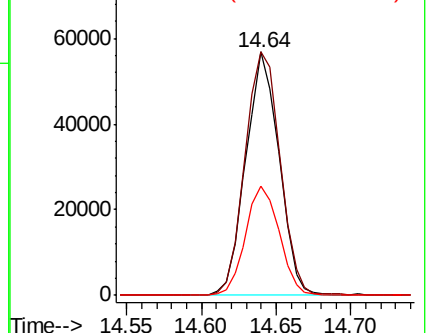
160 44.8 36.5 54.7



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: 34.375 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:216 Resp: 111566

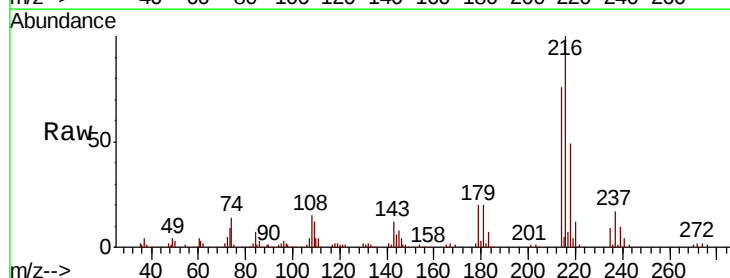
Ion Ratio Lower Upper

216 100

214 77.0 61.7 92.5

179 20.0 15.8 23.8

108 15.4 11.5 17.3

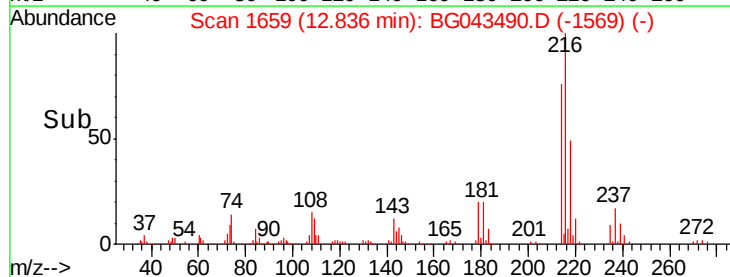
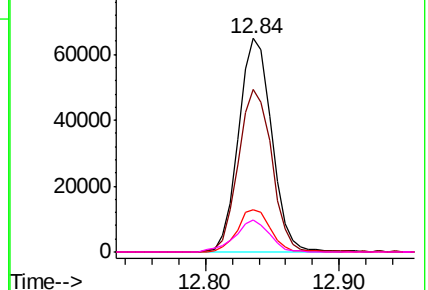


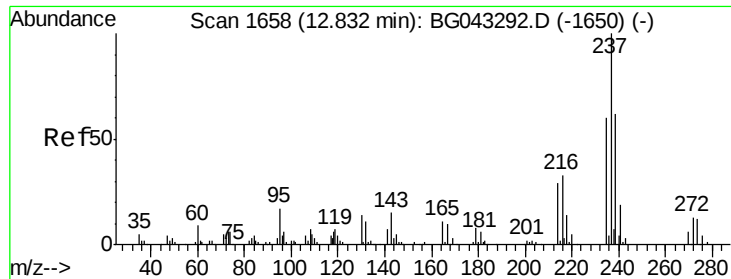
Abundance Ion 216.00 (215.70 to 216.70): E

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

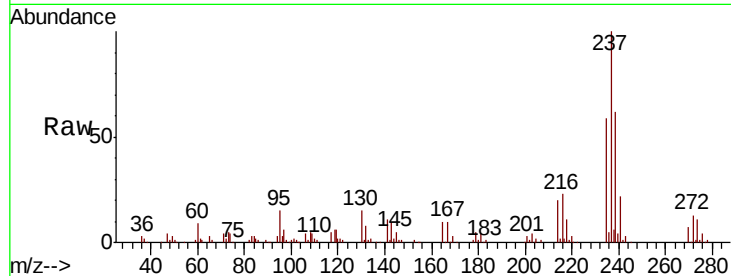




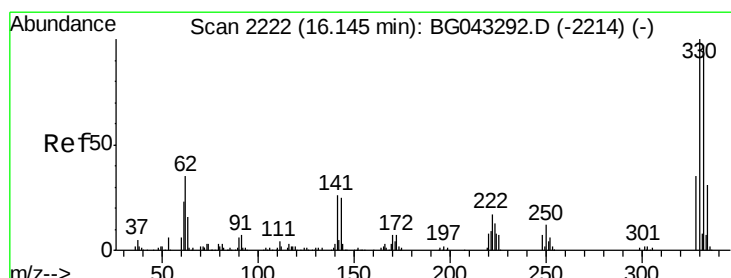
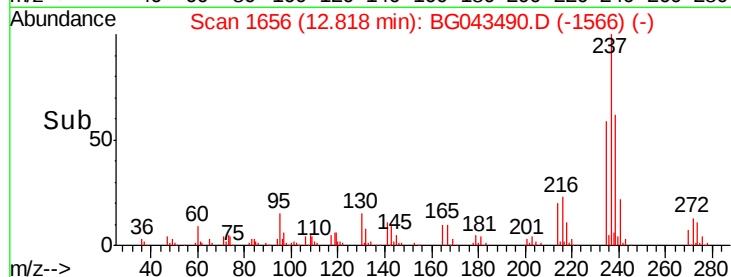
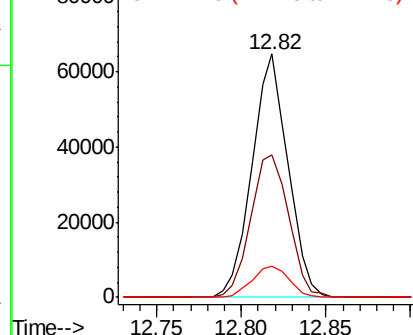
#41
Hexachlorocyclopentadiene
Concen: 56.170 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion:237 Resp: 95765
Ion Ratio Lower Upper
237 100
235 58.6 41.6 81.6
272 12.9 0.0 32.5

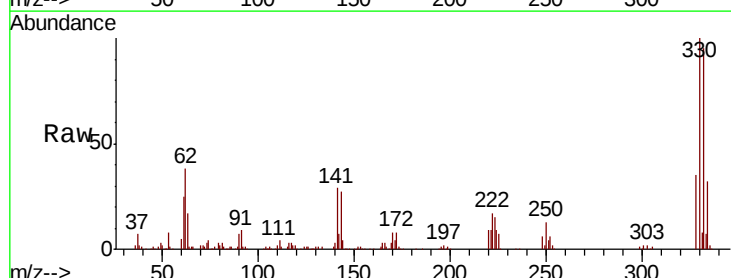


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

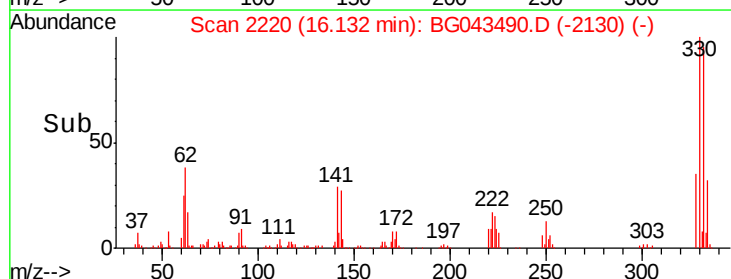
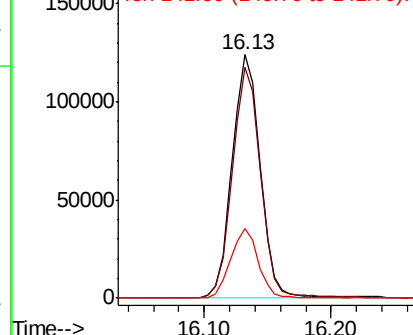


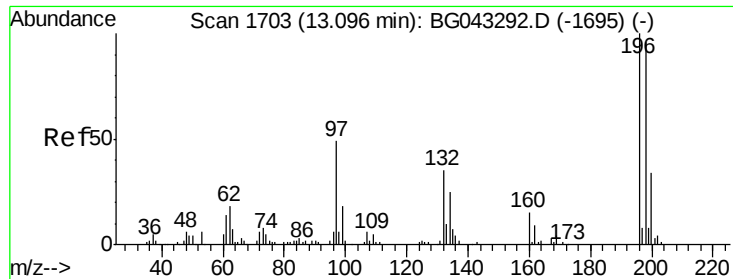
#42
2,4,6-Tribromophenol
Concen: 113.352 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion:330 Resp: 189173
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 28.1 22.8 34.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

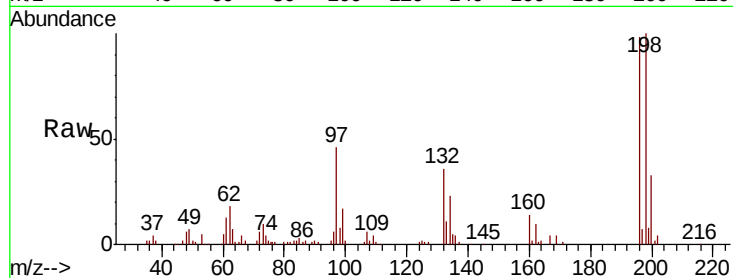




#43
 2,4,6-Trichlorophenol
 Concen: 40.719 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

Tot Ion:196 Resp: 77828
 Ion Ratio Lower Upper
 196 100
 198 101.8 75.8 113.6
 200 33.1 23.9 35.9

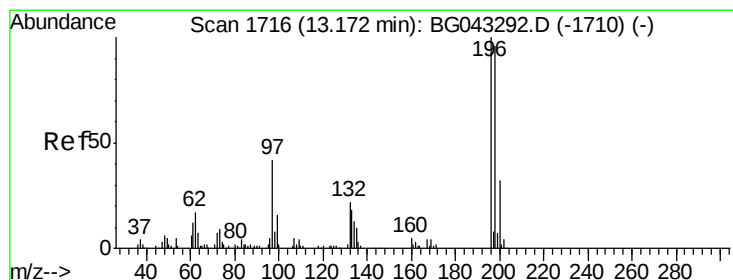
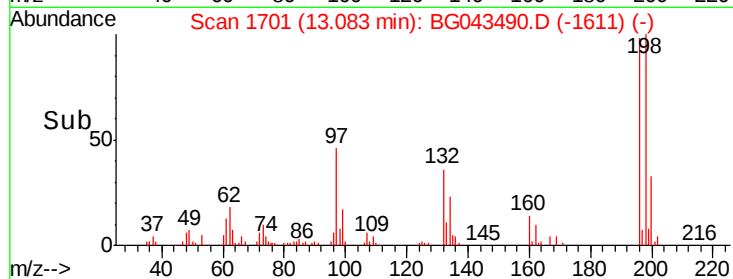
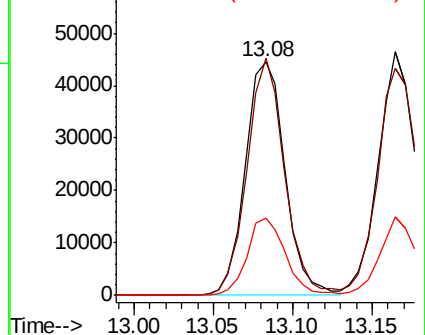


Abundance

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: 44.696 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion:196 Resp: 86368
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.5 111.7
 97 44.3 36.3 54.5
 132 23.1 17.4 26.2

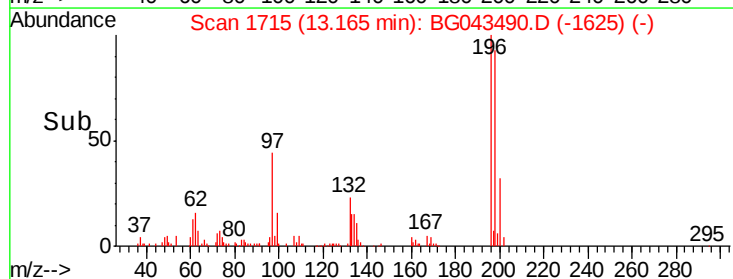
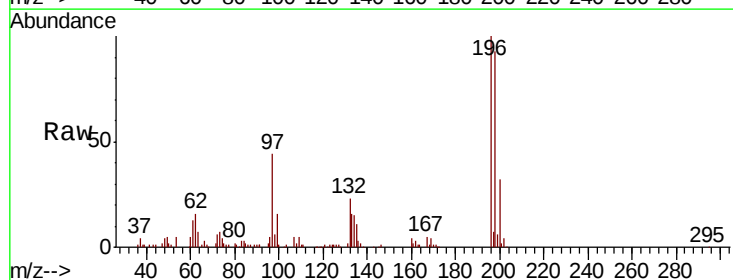
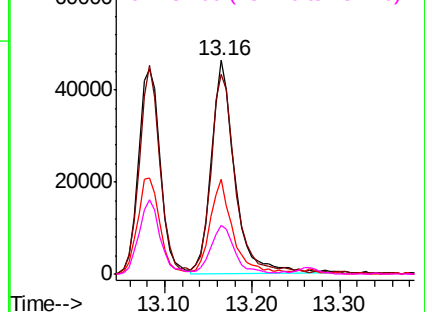
Abundance

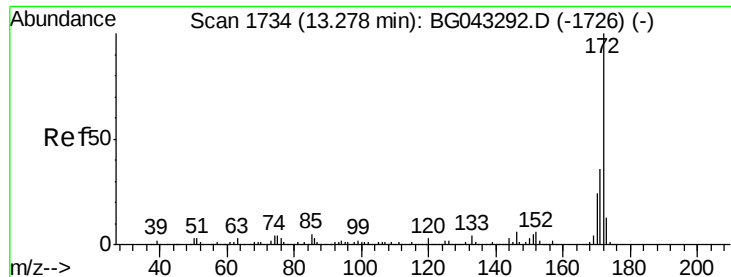
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

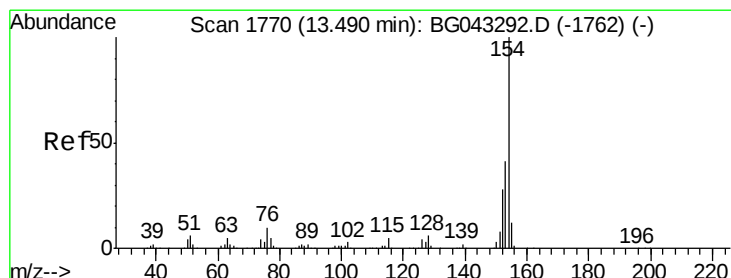
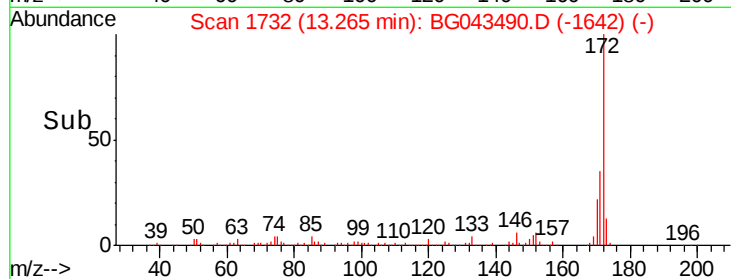
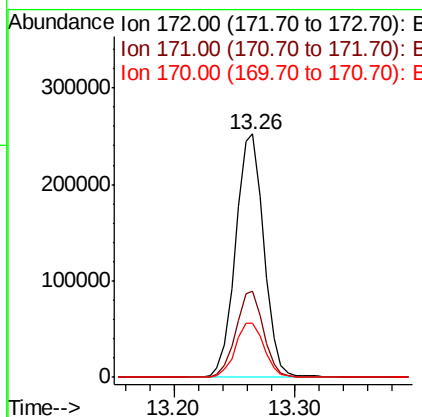
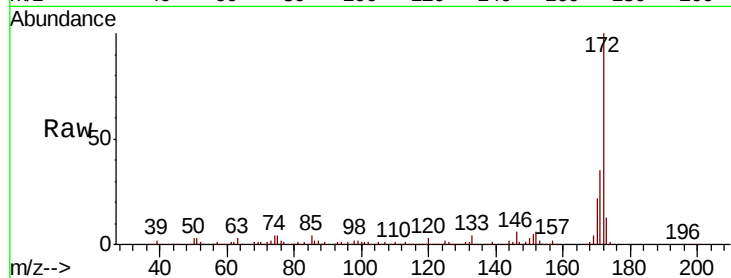




#45
 2-Fluorobiphenyl
 Concen: 64.822 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

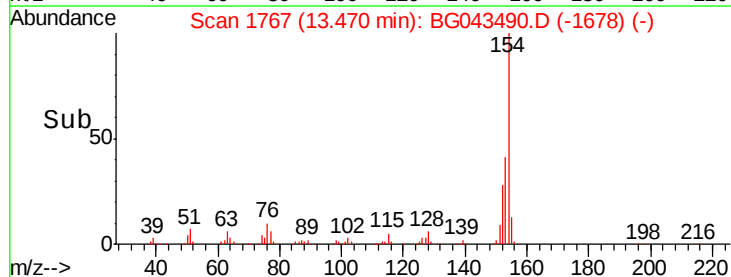
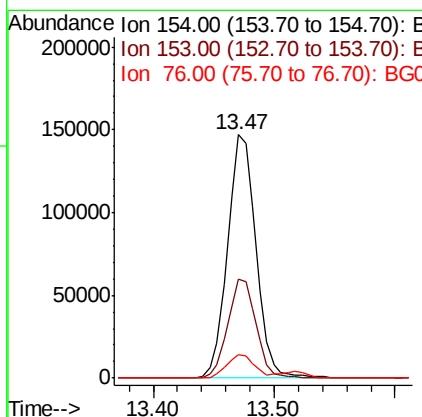
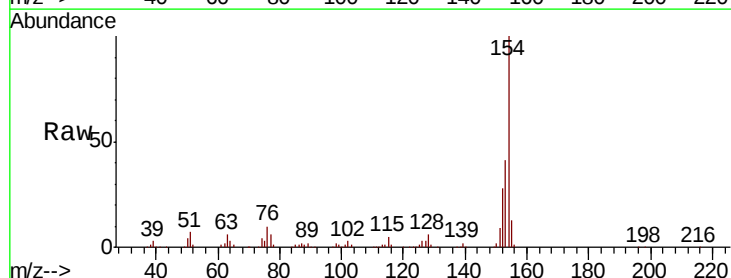
Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

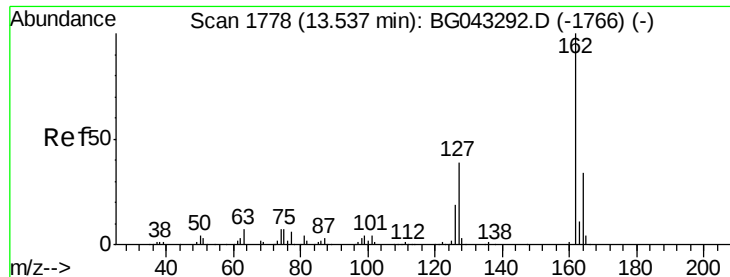
Tot Ion:172 Resp: 411402
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 22.1 18.5 27.7



#46
 1,1'-Biphenyl
 Concen: 36.029 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion:154 Resp: 240372
 Ion Ratio Lower Upper
 154 100
 153 40.7 19.9 59.9
 76 9.5 0.0 29.4

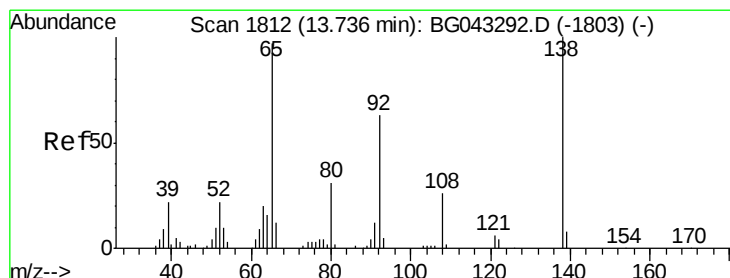
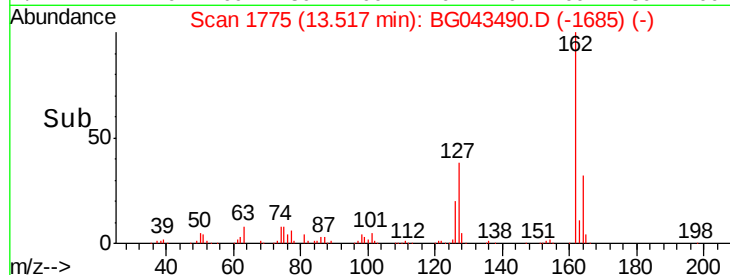
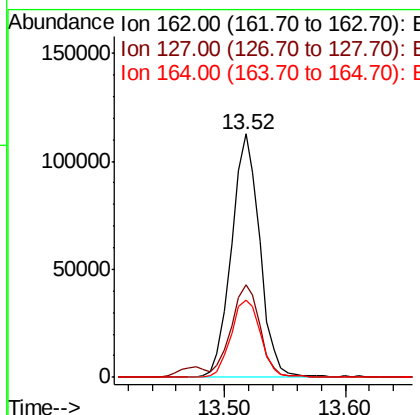
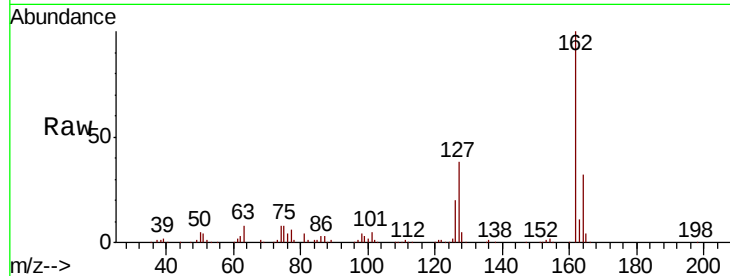




#47
2-Chloronaphthalene
Concen: 36.276 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

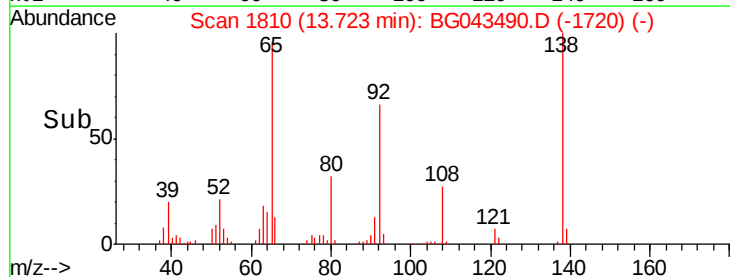
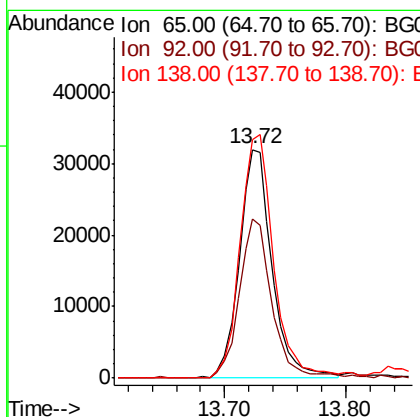
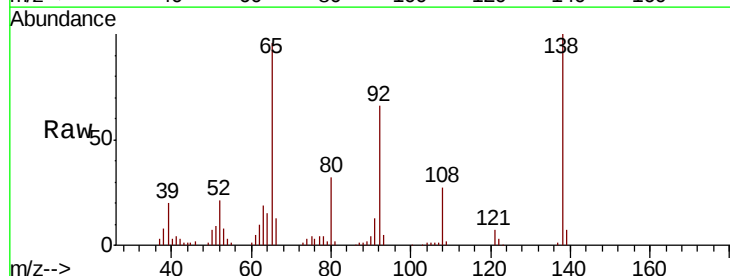
Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

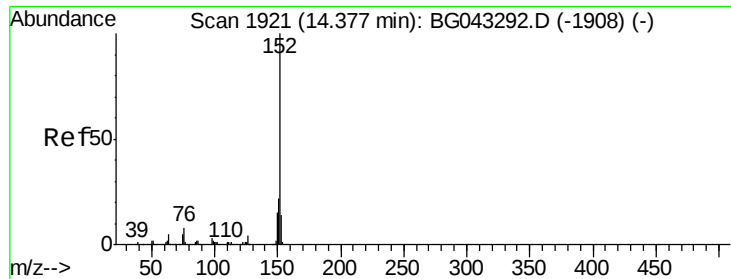
Tot Ion:162 Resp: 184144
Ion Ratio Lower Upper
162 100
127 38.0 31.2 46.8
164 31.6 25.8 38.8



#48
2-Nitroaniline
Concen: 39.517 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion: 65 Resp: 59954
Ion Ratio Lower Upper
65 100
92 69.4 56.2 84.2
138 104.5 82.6 123.8





#49

Acenaphthylene

Concen: 40.466 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

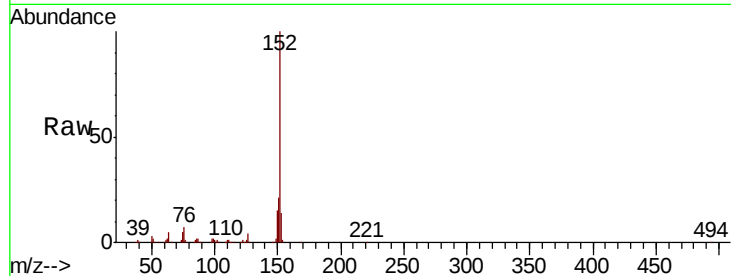
Tot Ion:152 Resp: 319700

Ion Ratio Lower Upper

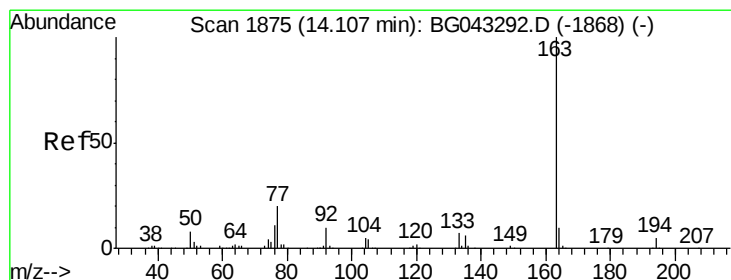
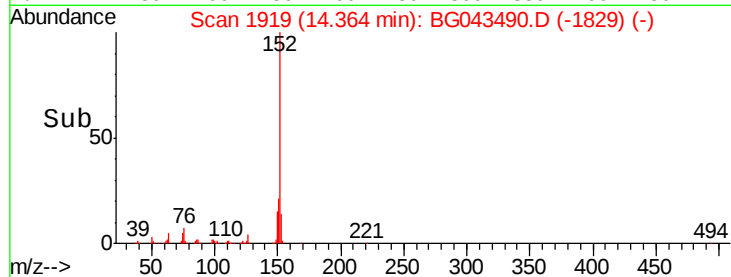
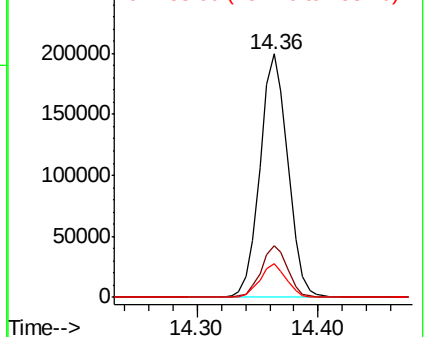
152 100

151 21.3 16.2 24.4

153 13.9 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.983 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

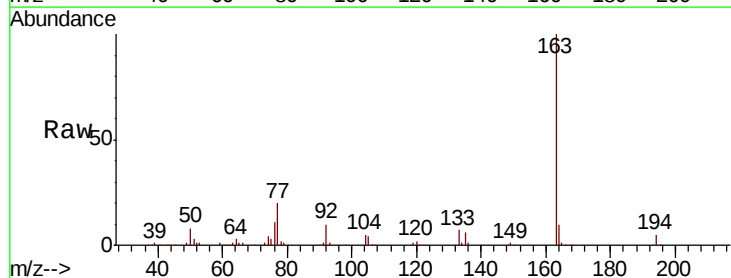
Tgt Ion:163 Resp: 346319

Ion Ratio Lower Upper

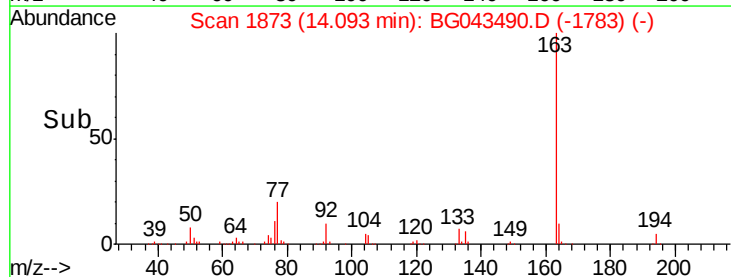
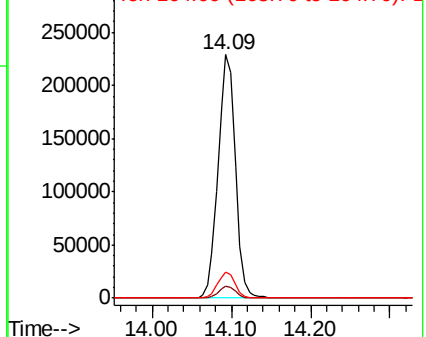
163 100

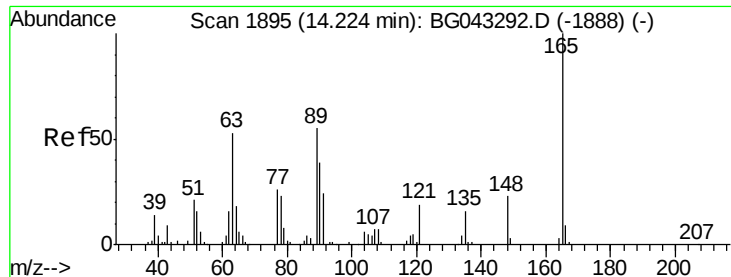
194 5.0 3.8 5.6

164 10.5 8.9 13.3



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

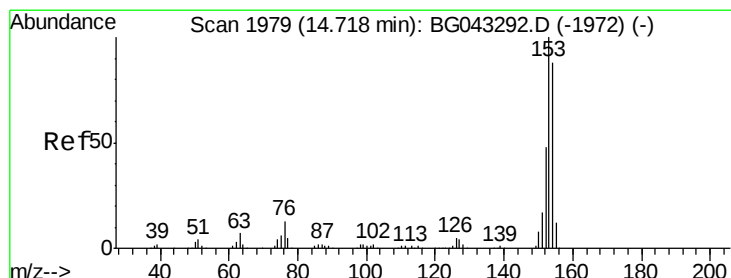
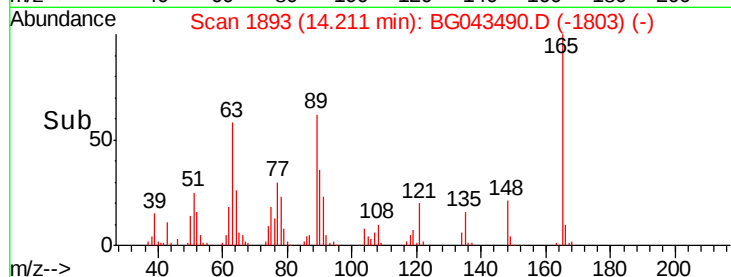
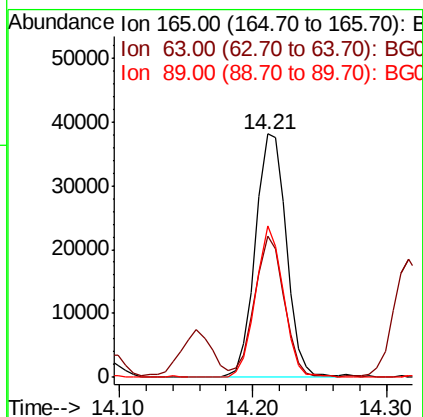
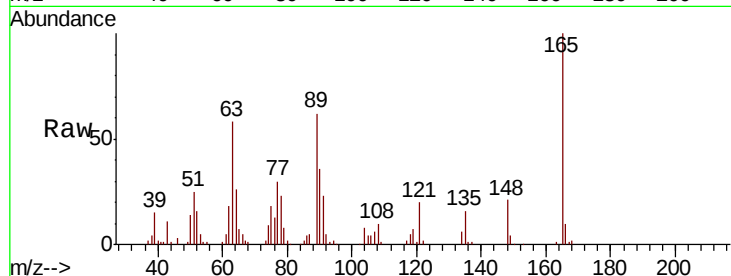




#51
 2,6-Dinitrotoluene
 Concen: 41.186 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

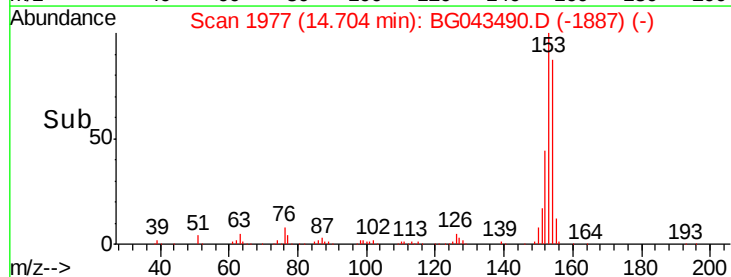
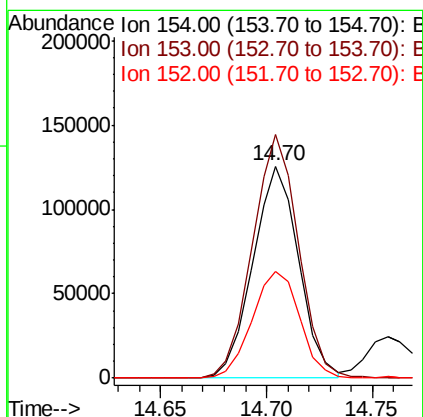
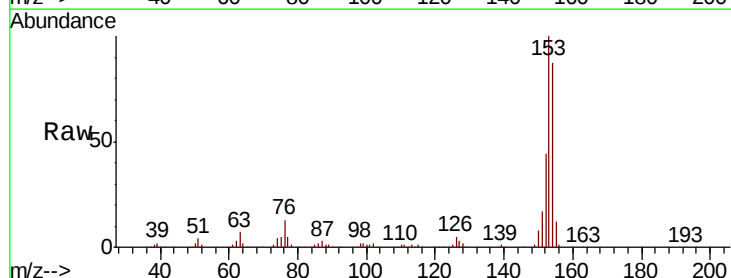
Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

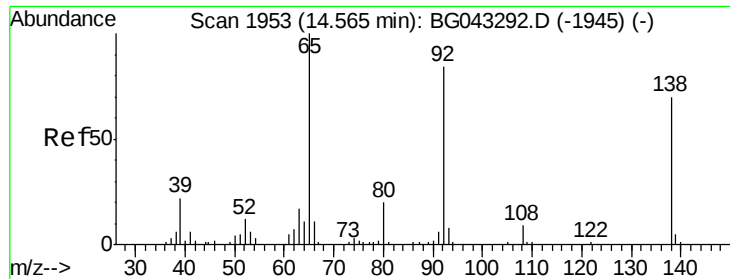
Tot Ion:165 Resp: 60779
 Ion Ratio Lower Upper
 165 100
 63 58.0 46.6 69.8
 89 62.2 45.1 67.7



#52
 Acenaphthene
 Concen: 39.164 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion:154 Resp: 188688
 Ion Ratio Lower Upper
 154 100
 153 115.1 88.2 132.2
 152 50.6 40.0 60.0

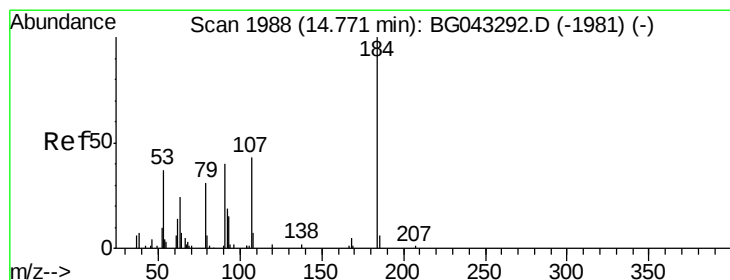
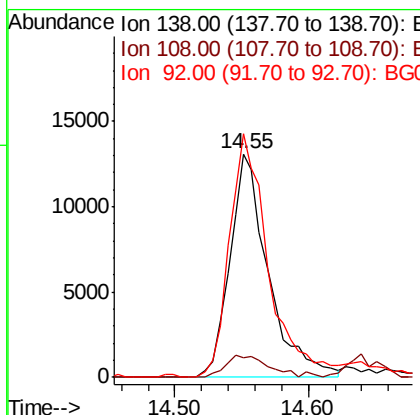
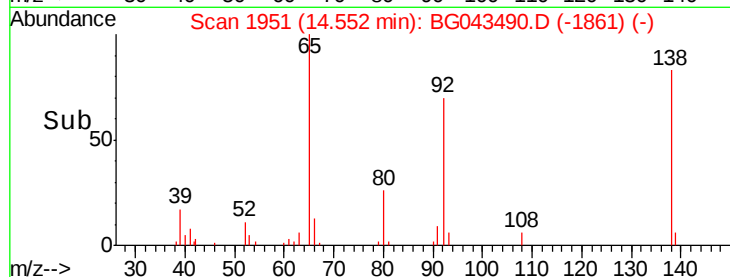
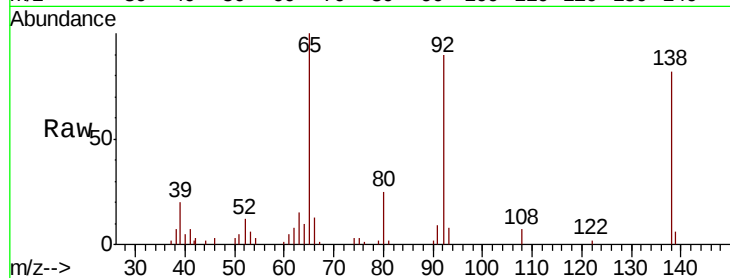




#53
3-Nitroaniline
Concen: 18.356 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

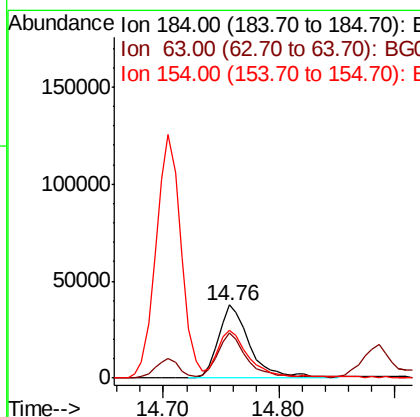
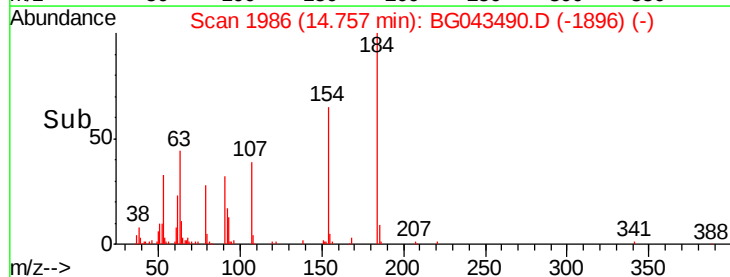
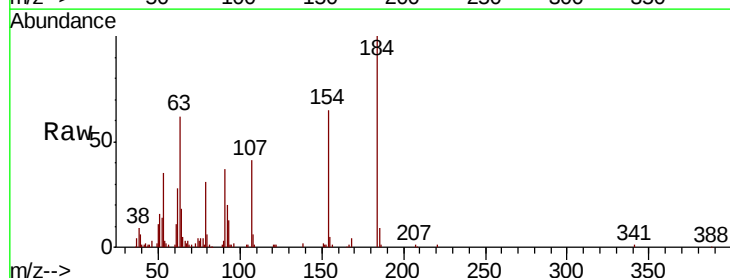
Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

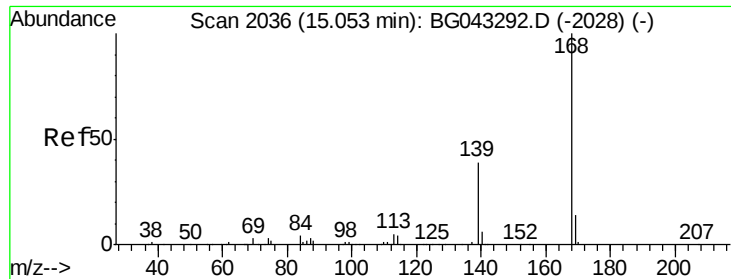
Tot Ion:138 Resp: 26154
Ion Ratio Lower Upper
138 100
108 8.8 8.0 12.0
92 109.0 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 77.349 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion:184 Resp: 71034
Ion Ratio Lower Upper
184 100
63 61.8 51.3 76.9
154 65.4 55.4 83.0

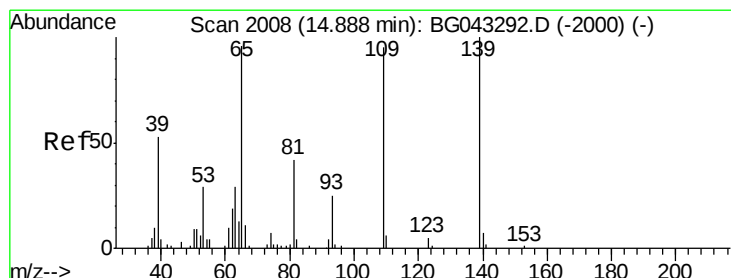
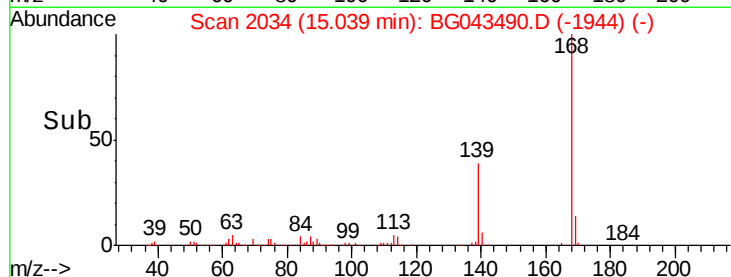
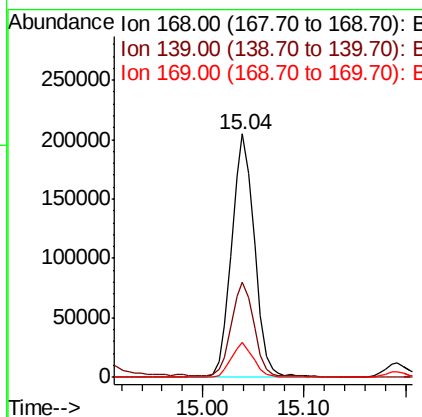
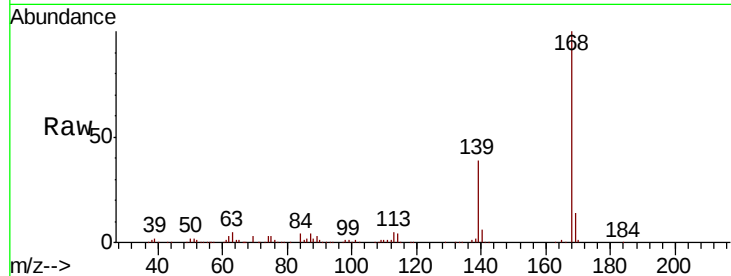




#55
Dibenzofuran
Concen: 40.905 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

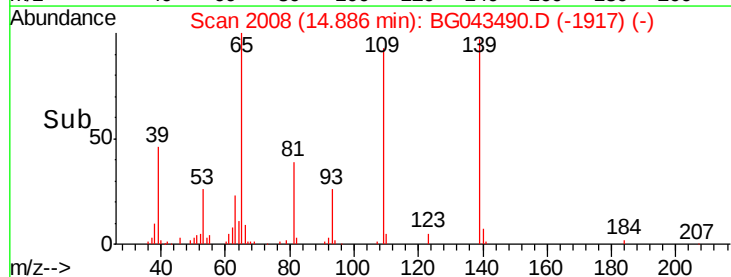
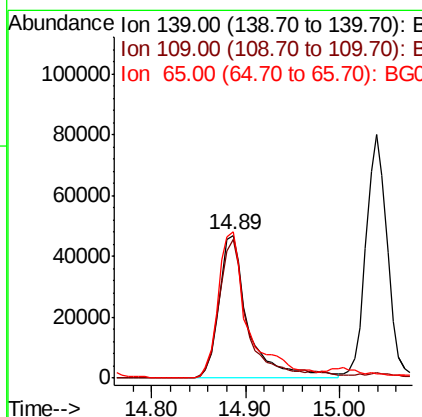
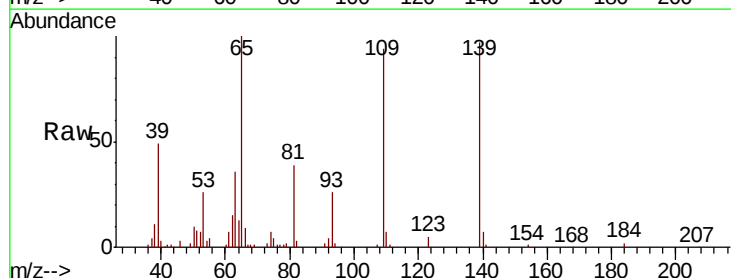
Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

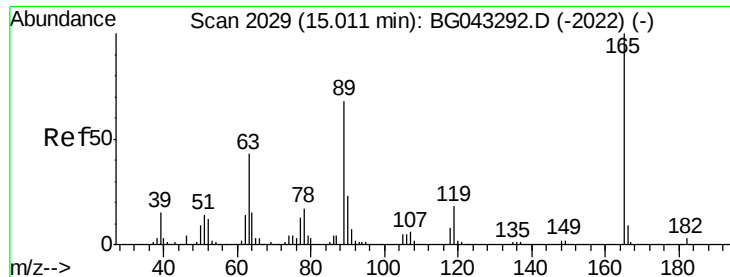
Tot Ion:168 Resp: 319589
Ion Ratio Lower Upper
168 100
139 39.1 31.0 46.6
169 14.3 11.7 17.5



#56
4-Nitrophenol
Concen: 106.486 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion:139 Resp: 101672
Ion Ratio Lower Upper
139 100
109 96.8 87.2 127.2
65 102.9 83.8 123.8

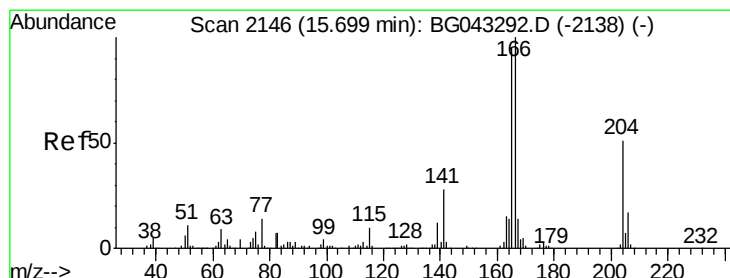
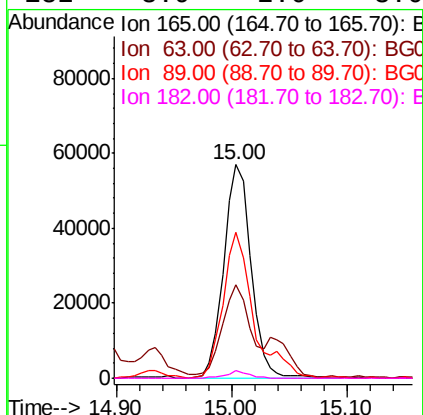
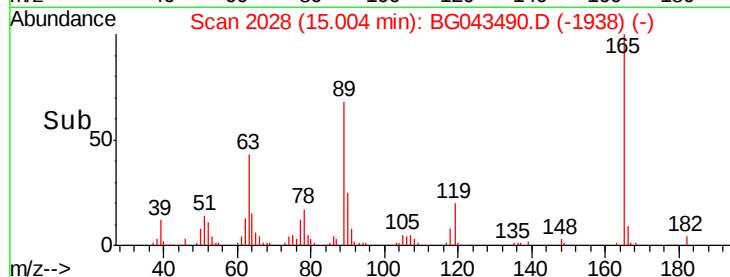
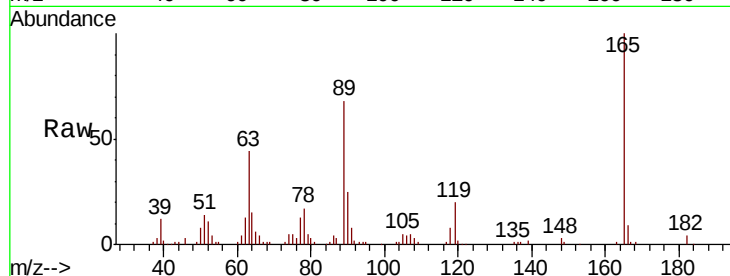




#57
 2,4-Dinitrotoluene
 Concen: 44.509 ng
 RT: 15.00 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

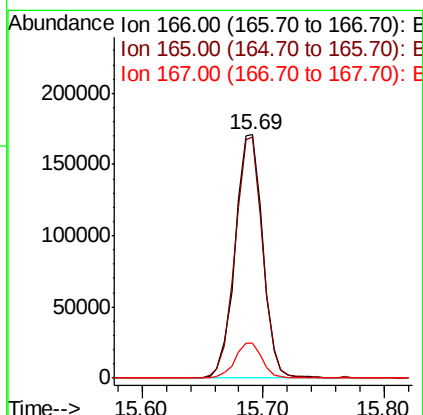
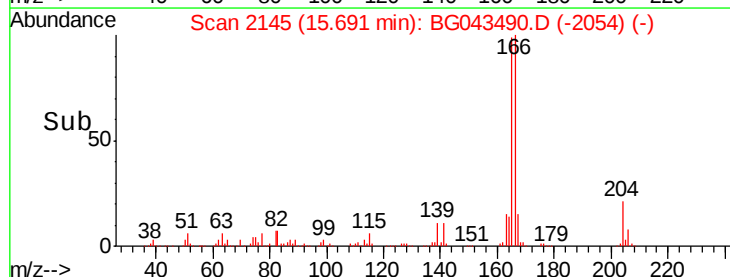
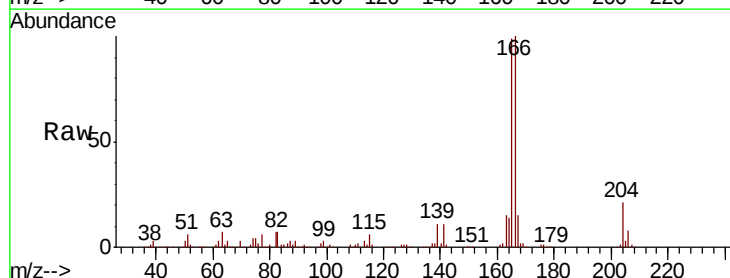
Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

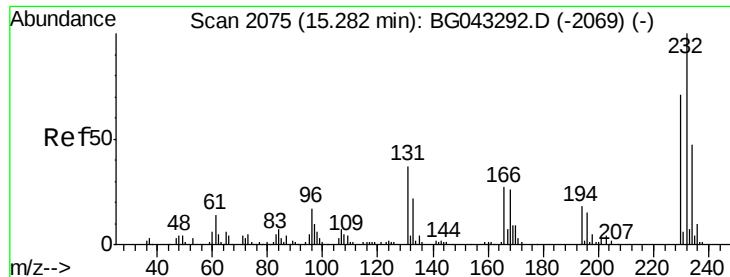
Tot Ion:165 Resp: 93869
 Ion Ratio Lower Upper
 165 100
 63 43.8 33.2 49.8
 89 68.1 52.2 78.4
 182 3.9 2.0 3.0#



#58
 Fluorene
 Concen: 41.584 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion:166 Resp: 272496
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.0 118.6
 167 14.6 10.5 15.7

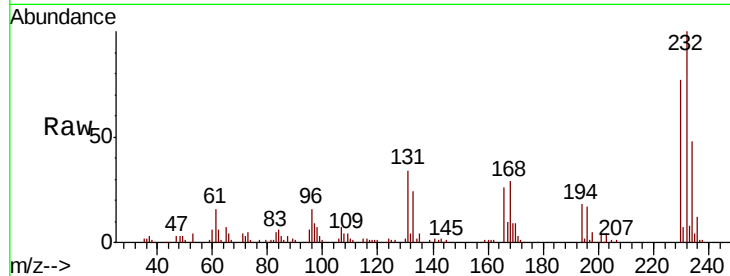




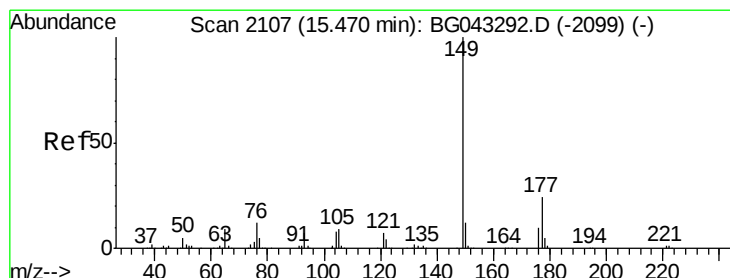
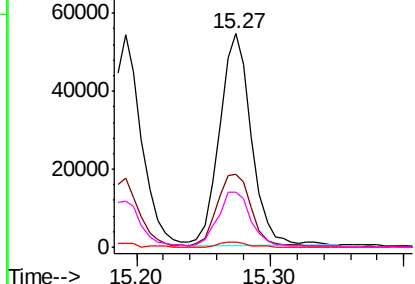
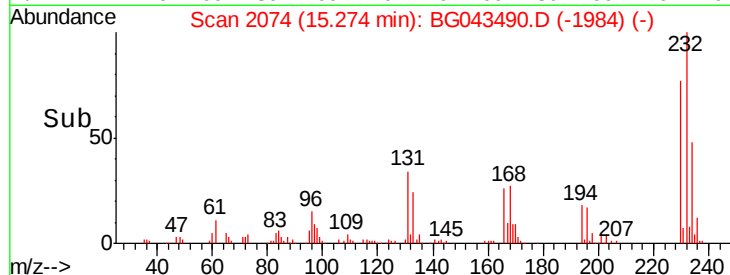
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.518 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

Tot Ion:232	Resp:	91397
Ion Ratio	Lower	Upper
232 100		
131 36.1	26.9	40.3
130 2.2	1.8	2.6
166 26.7	20.9	31.3

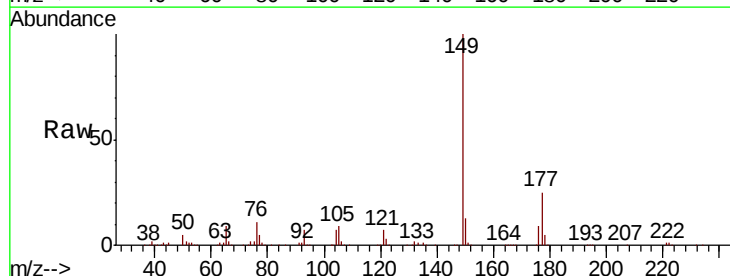


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

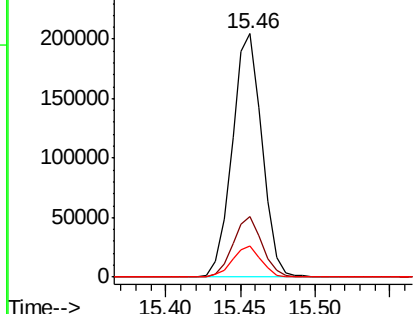
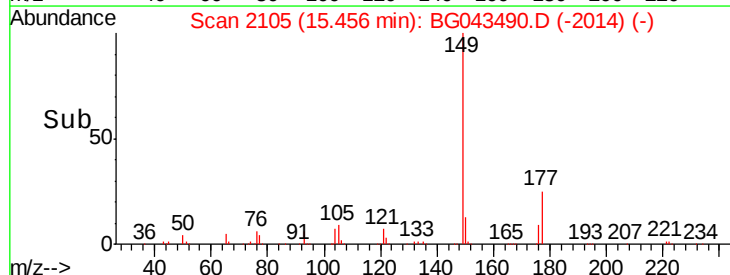


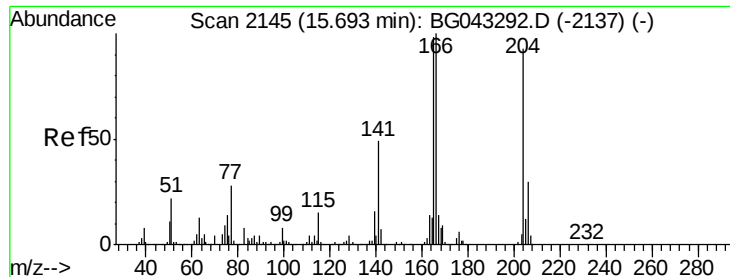
#60
 Diethylphthalate
 Concen: 41.689 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion	Ion:149	Resp:	284544
	Ratio	Lower	Upper
149	100		
177	24.7	19.6	29.4
150	12.8	10.8	16.2



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

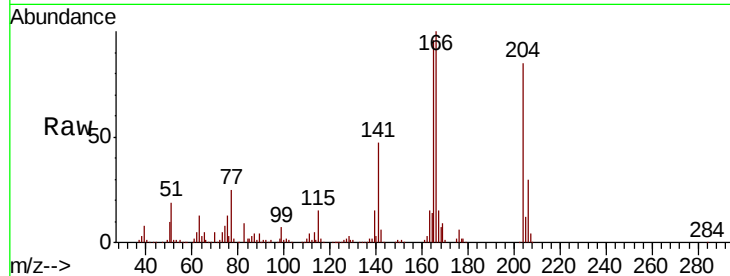




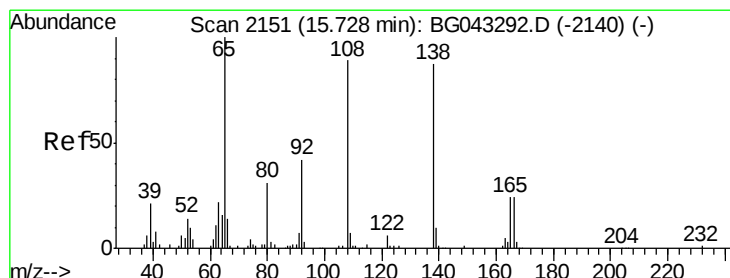
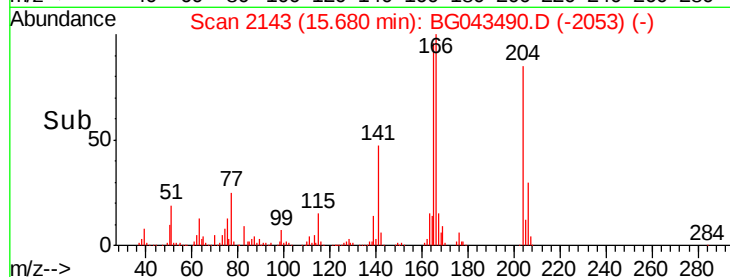
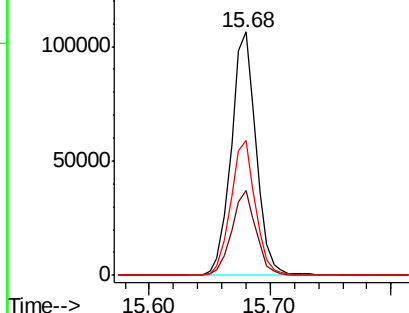
#61
4-Chlorophenyl-phenylether
Concen: 39.926 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion:204 Resp: 152631
Ion Ratio Lower Upper
204 100
206 35.1 28.4 42.6
141 55.3 43.0 64.6

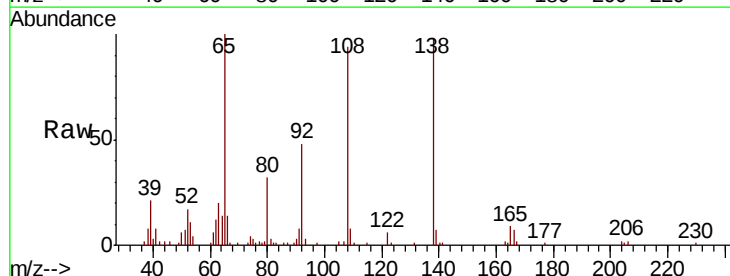


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

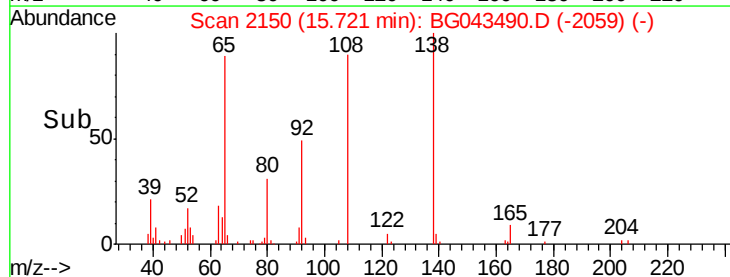
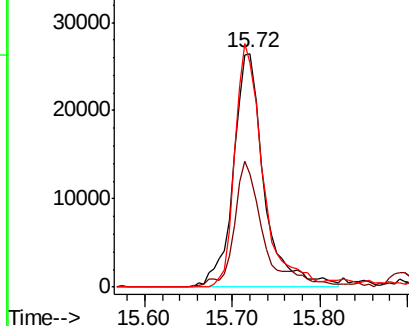


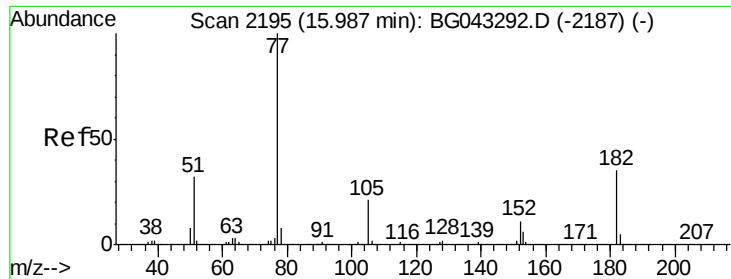
#62
4-Nitroaniline
Concen: 42.793 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion:138 Resp: 62967
Ion Ratio Lower Upper
138 100
92 48.5 33.4 73.4
108 96.1 78.0 118.0



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

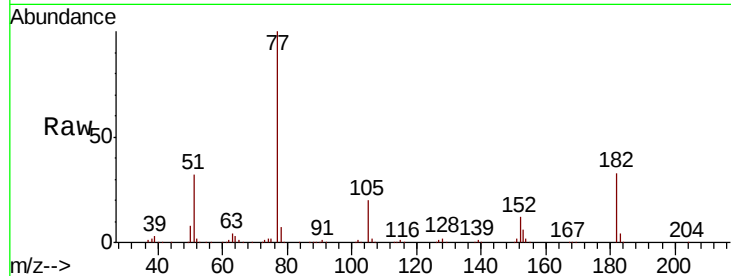




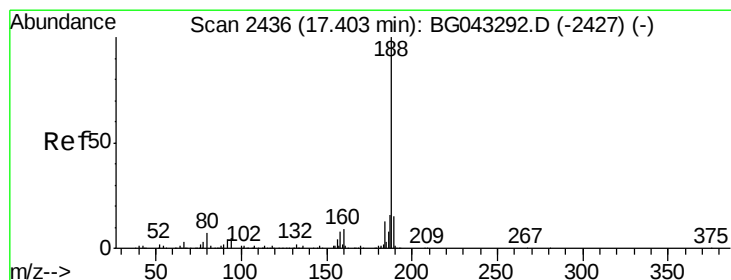
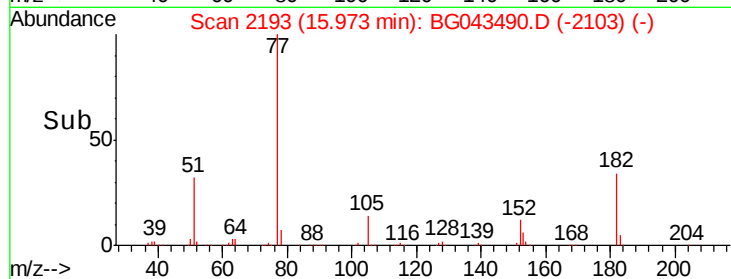
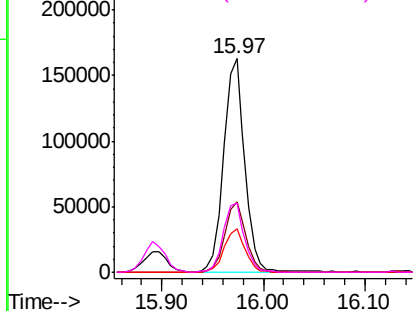
#63
Azobenzene
Concen: 42.196 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.1	13.7	53.7
105	20.1	0.4	40.4
51	32.5	11.0	51.0

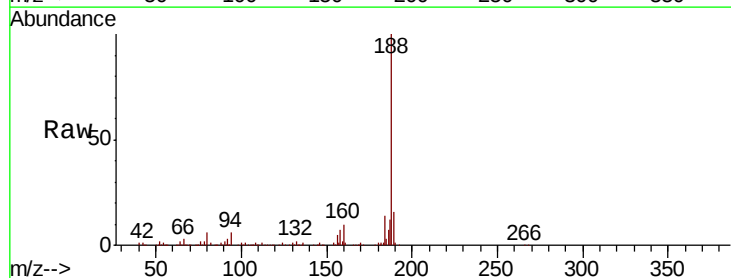


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

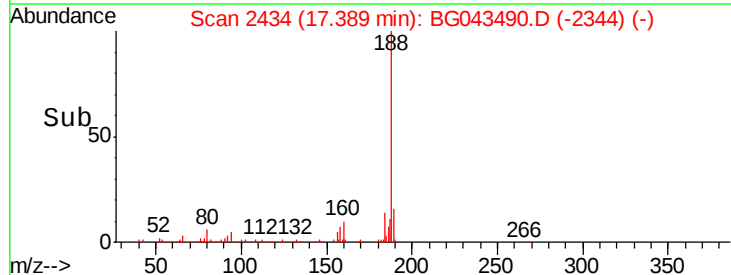
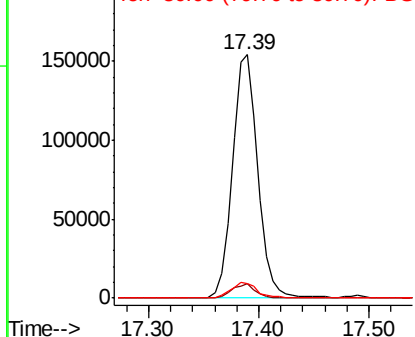


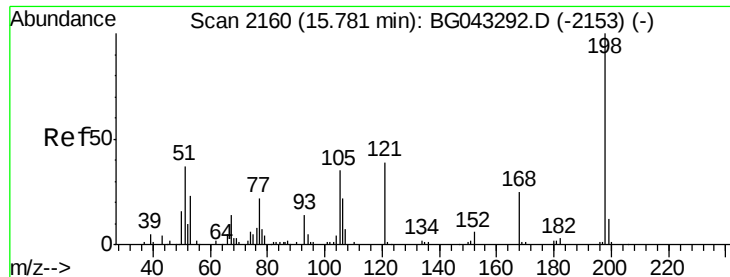
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	5.8	4.5	6.7



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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.136 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

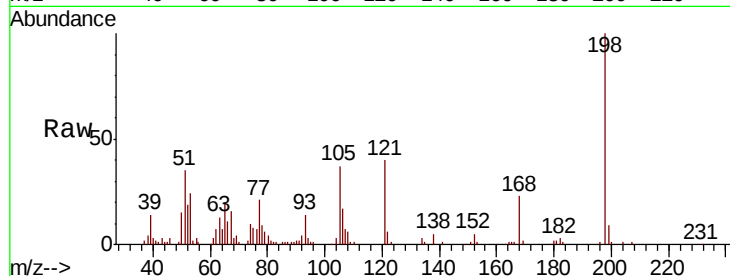
Tot Ion:198 Resp: 58542

Ion Ratio Lower Upper

198 100

51 35.0 13.2 53.2

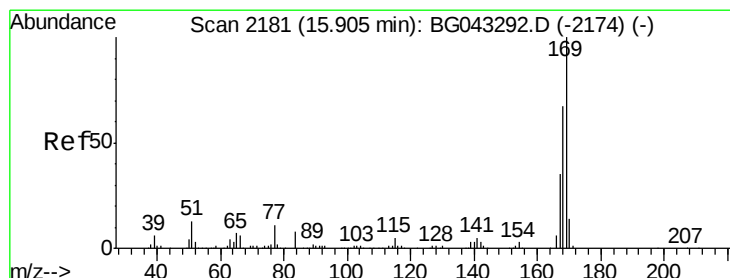
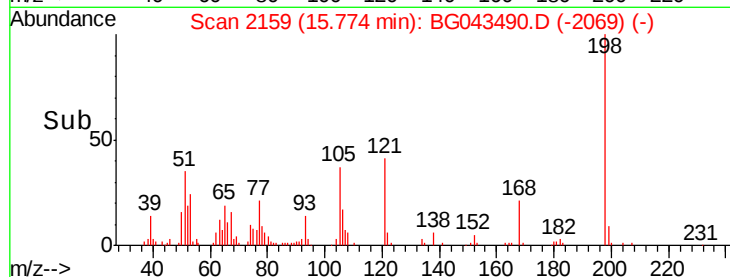
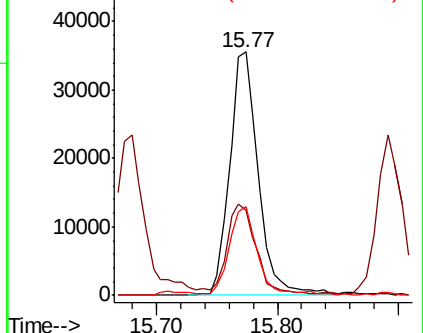
105 36.7 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.463 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

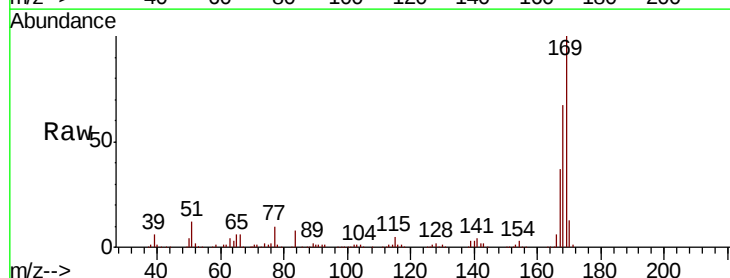
Tgt Ion:169 Resp: 255151

Ion Ratio Lower Upper

169 100

168 66.6 53.8 80.6

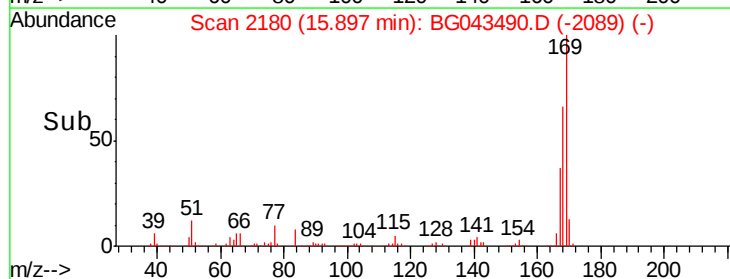
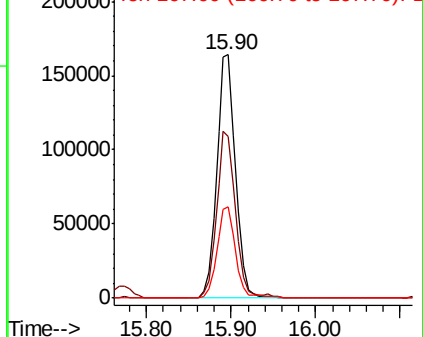
167 37.3 27.5 41.3

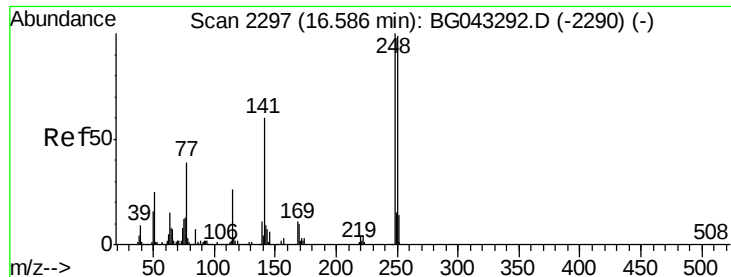


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 34.519 ng

RT: 16.57 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

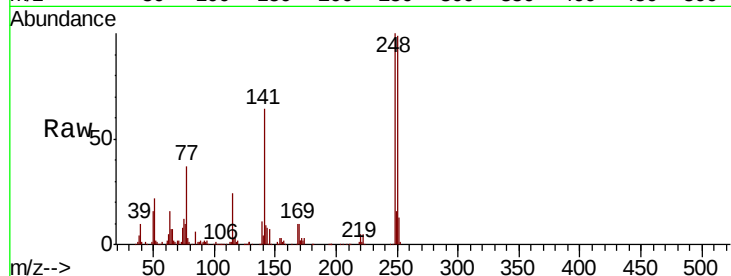
Tot Ion:248 Resp: 115139

Ion Ratio Lower Upper

248 100

250 98.6 77.0 115.4

141 63.8 47.5 71.3

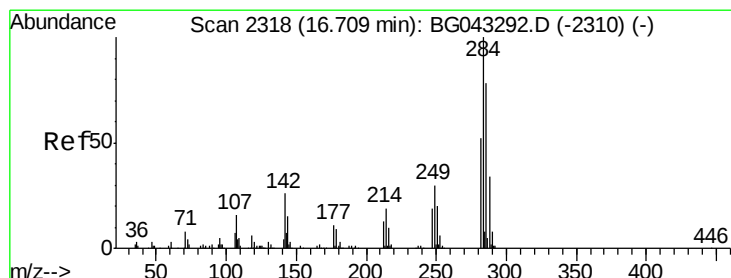
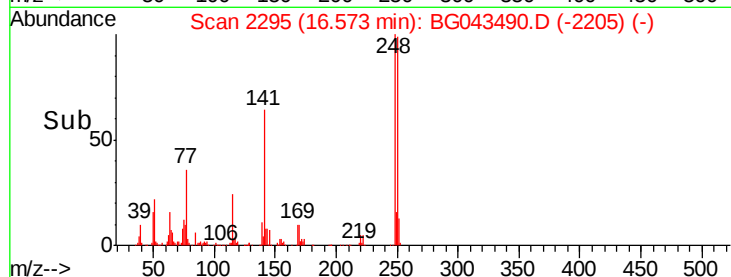
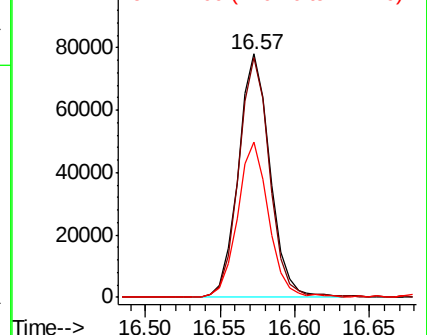


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 34.418 ng

RT: 16.70 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

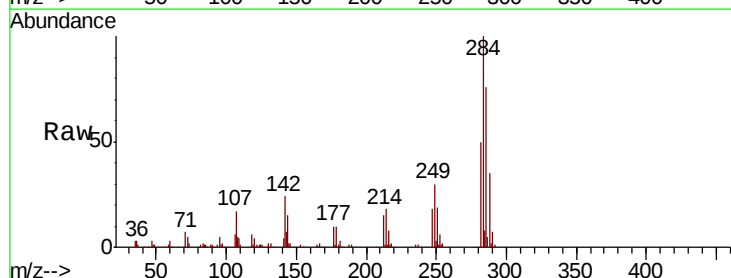
Tgt Ion:284 Resp: 131779

Ion Ratio Lower Upper

284 100

142 24.4 19.8 29.8

249 29.7 23.8 35.6

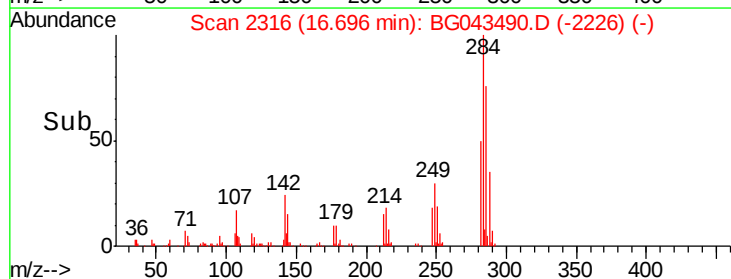
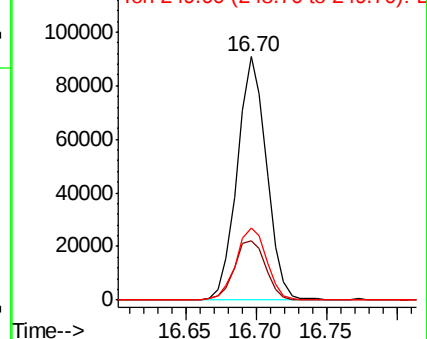


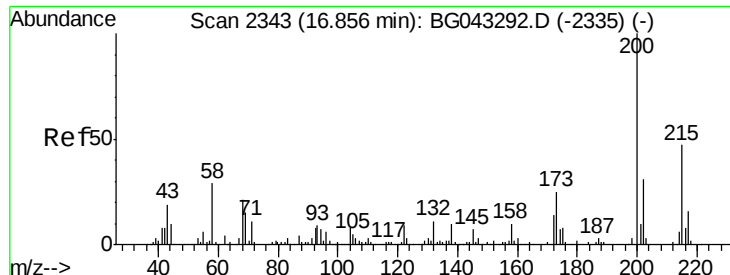
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.253 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

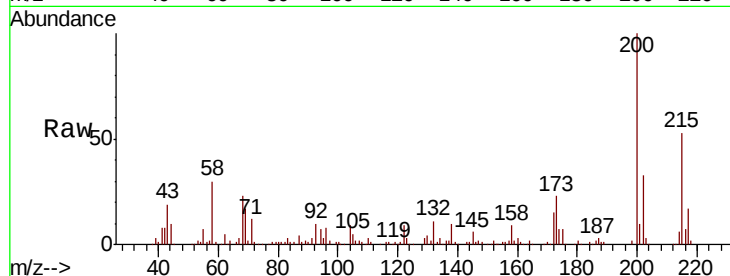
Tot Ion:200 Resp: 119757

Ion Ratio Lower Upper

200 100

173 23.0 4.7 44.7

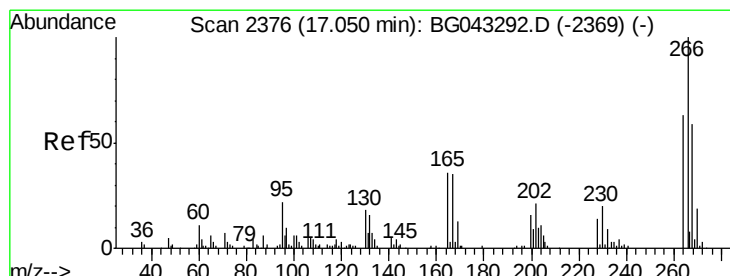
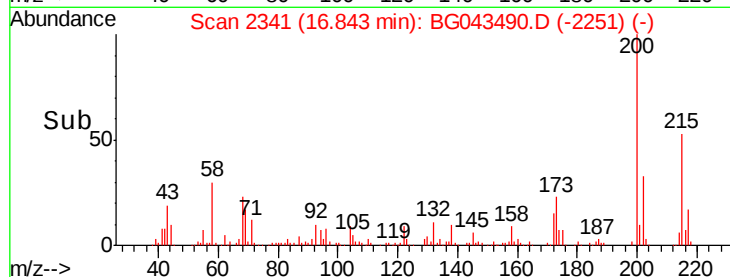
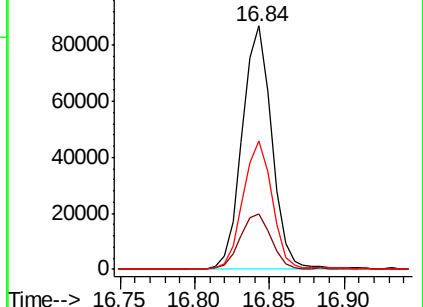
215 52.5 28.5 68.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 81.962 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

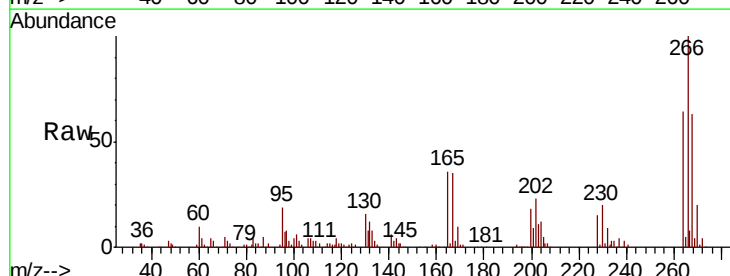
Tgt Ion:266 Resp: 142992

Ion Ratio Lower Upper

266 100

268 62.8 50.4 75.6

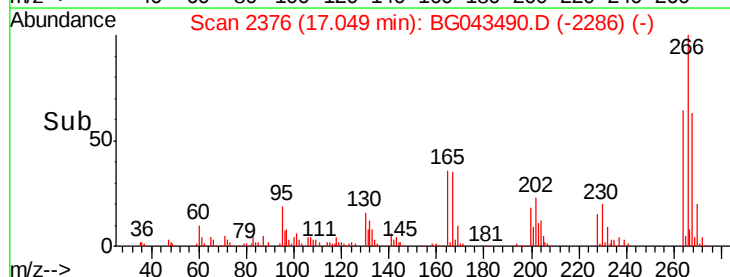
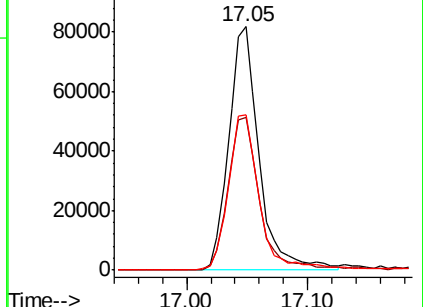
264 64.0 48.9 73.3

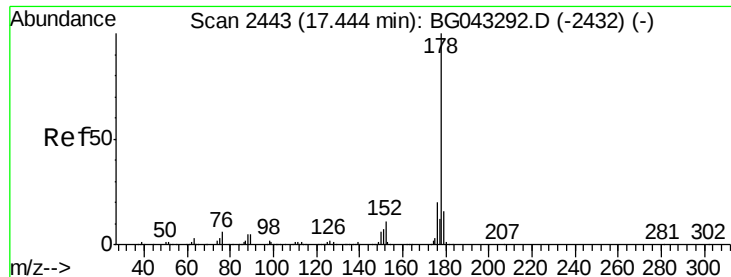


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.978 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

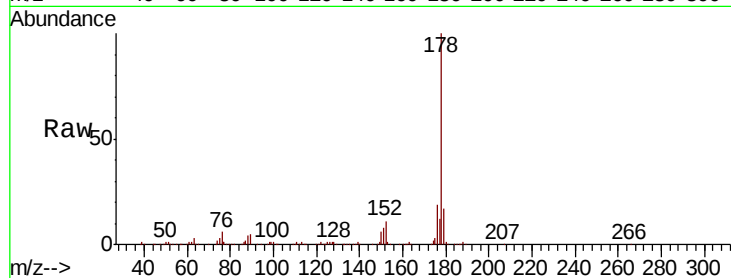
Tot Ion:178 Resp: 482010

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

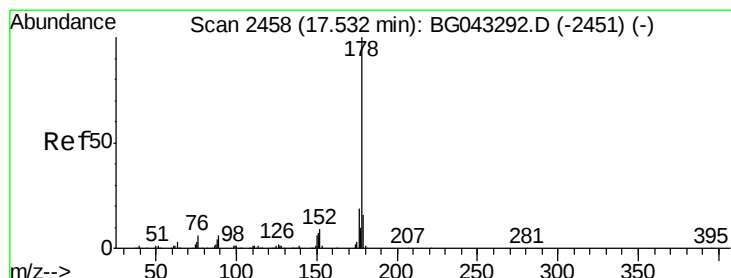
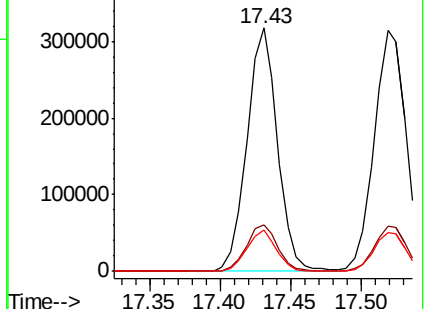
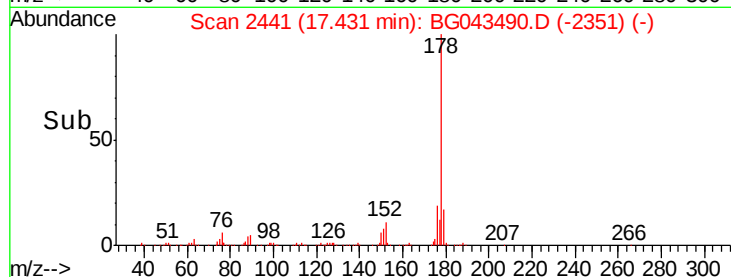
179 17.2 13.0 19.6



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: 39.629 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

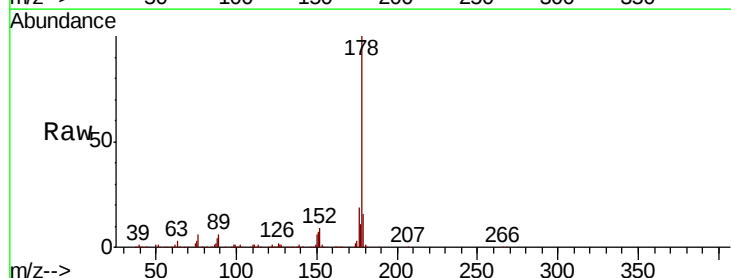
Tgt Ion:178 Resp: 503220

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

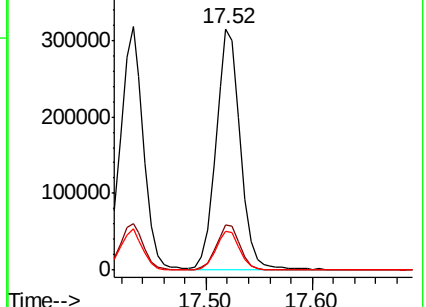
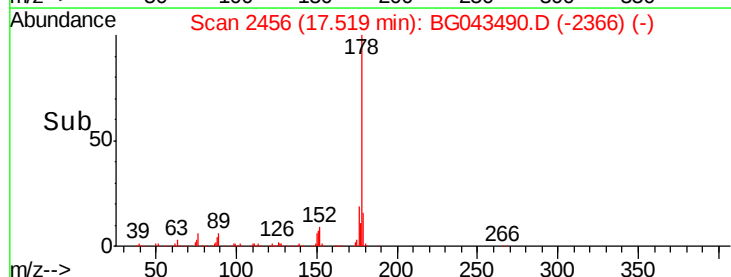
179 16.2 13.7 20.5

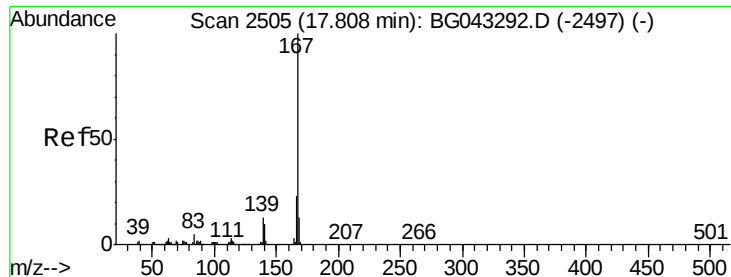


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

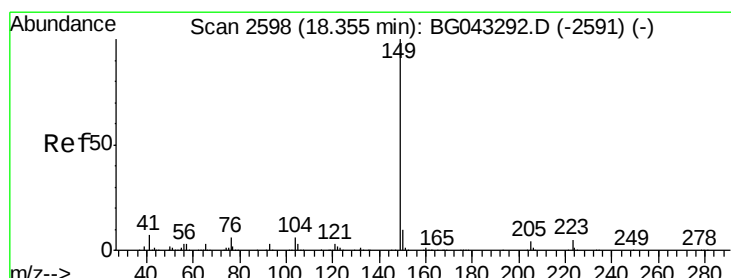
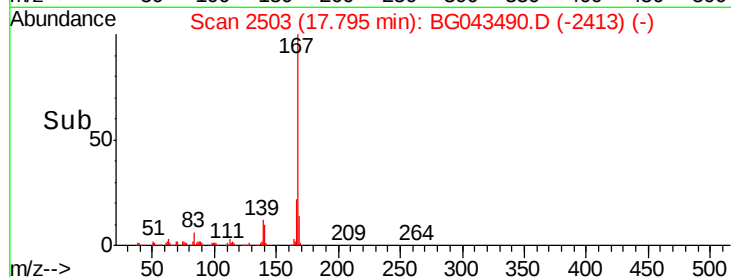
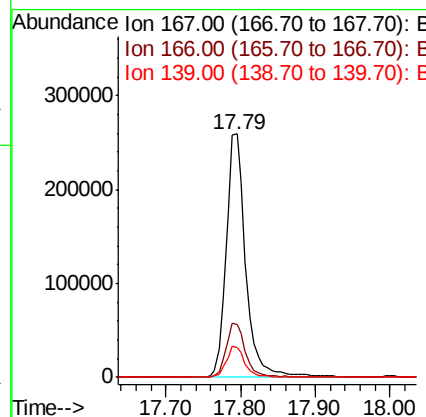
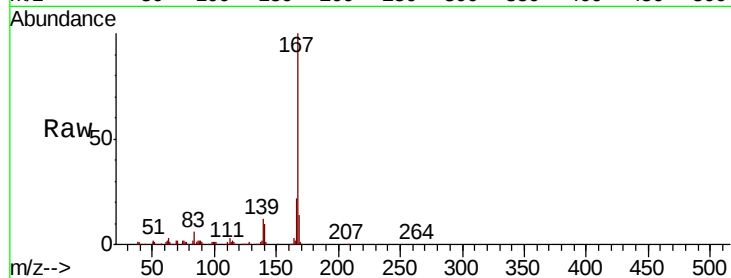




#73
 Carbazole
 Concen: 41.226 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

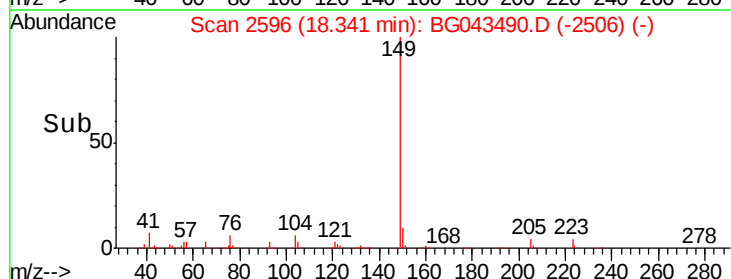
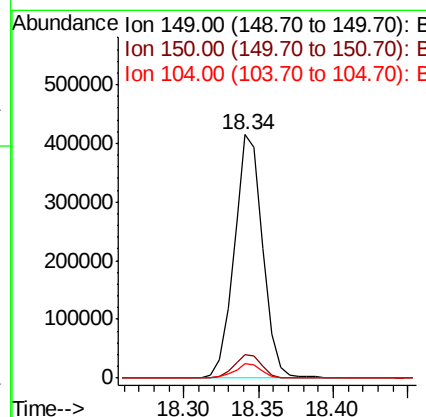
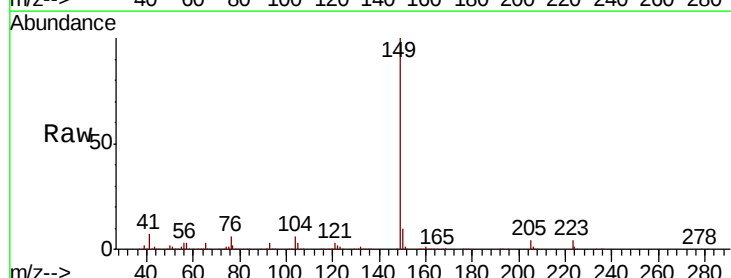
Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

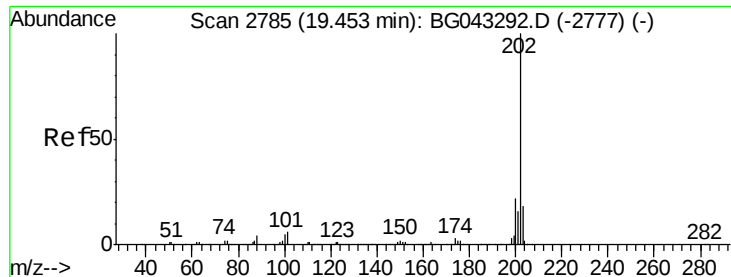
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.7	28.1
139	12.3	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 39.571 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.0	12.0
104	5.9	4.4	6.6





#75

Fluoranthene

Concen: 41.033 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

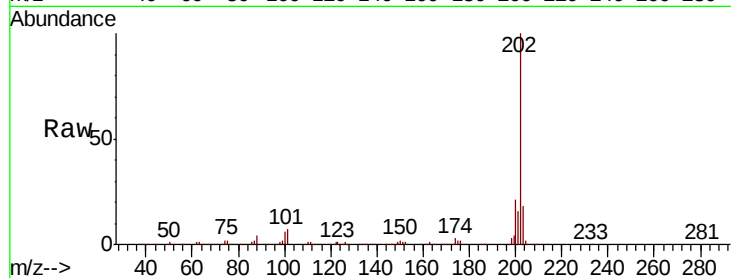
Tot Ion:202 Resp: 678937

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.3

203 18.4 0.0 37.9



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

19.44

400000

300000

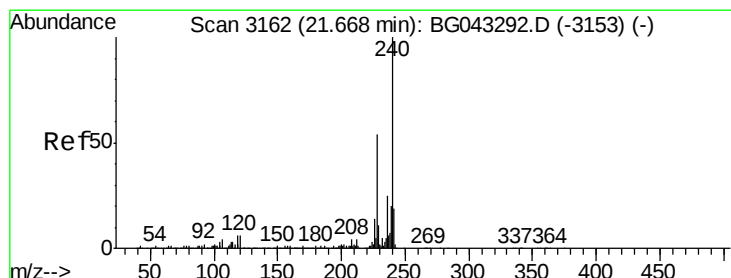
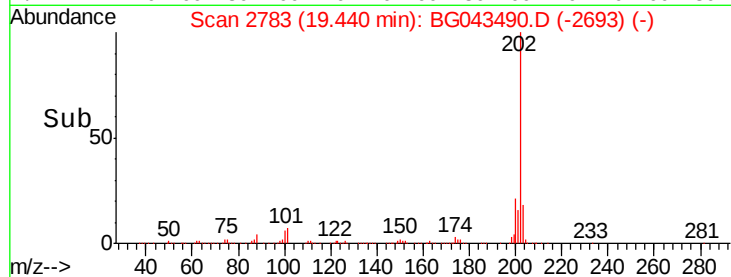
200000

100000

0

19.40 19.50 19.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

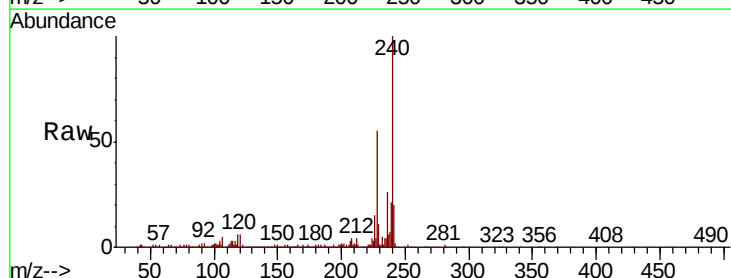
Tgt Ion:240 Resp: 290080

Ion Ratio Lower Upper

240 100

120 6.5 4.6 6.8

236 25.8 19.8 29.8



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

21.66

200000

150000

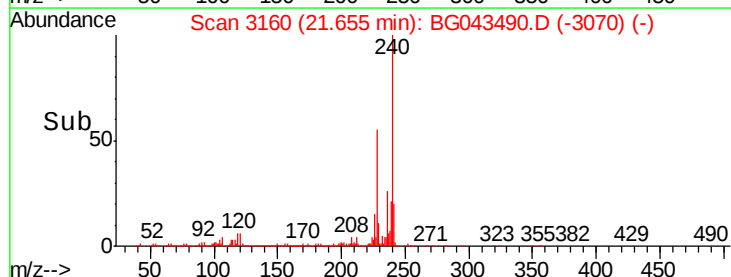
100000

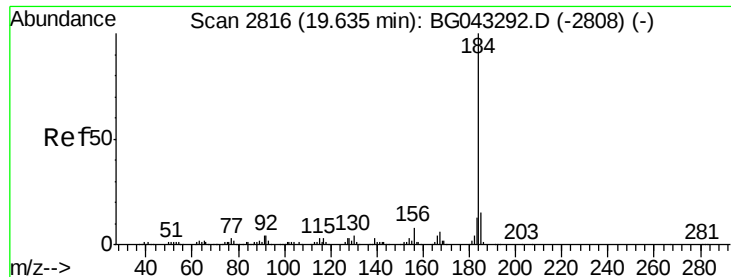
50000

0

21.60 21.70 21.80

Time-->





#77

Benzidine

Concen: 46.884 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

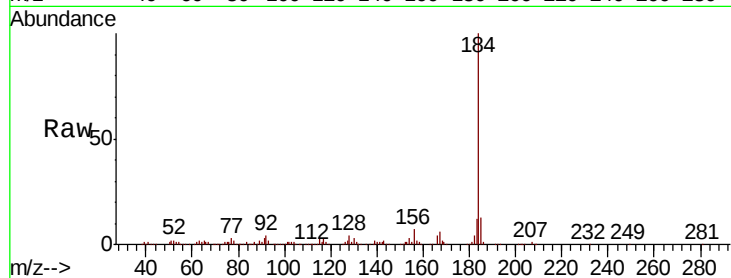
BNA_G

ClientSampleId :

TP-30-SMSD

Tot Ion:184 Resp: 273707

Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.0	16.4
183	12.3	10.0	15.0

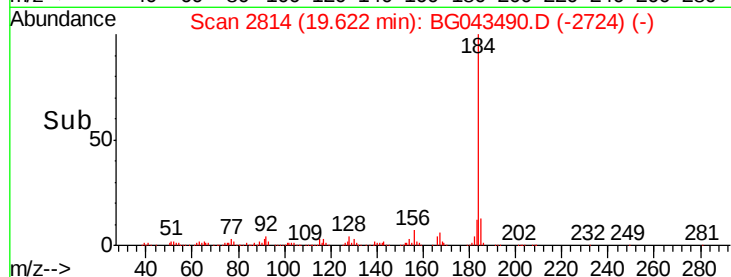
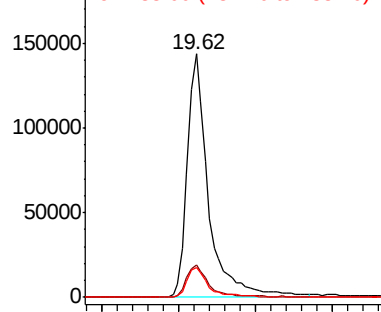


Abundance

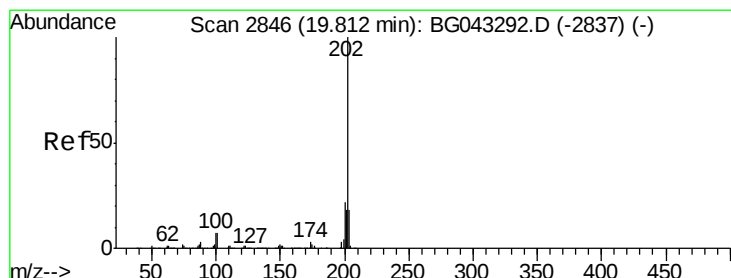
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 38.087 ng

RT: 19.80 min Scan# 2845

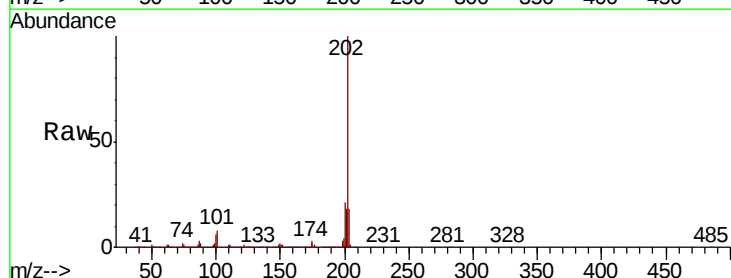
Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:202 Resp: 683876

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	18.3	14.7	22.1

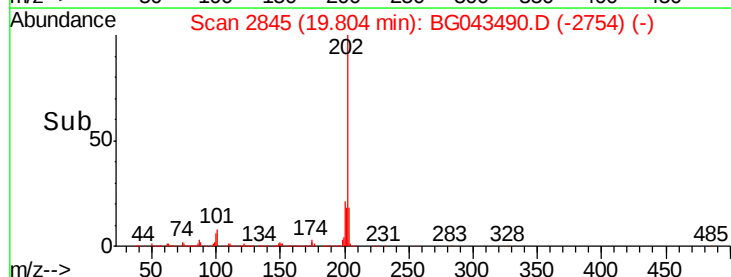
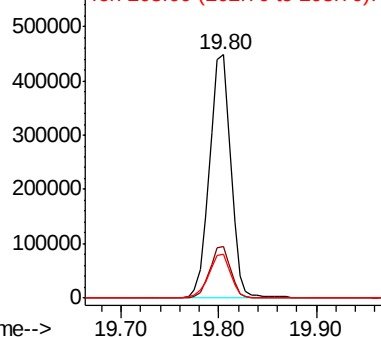


Abundance

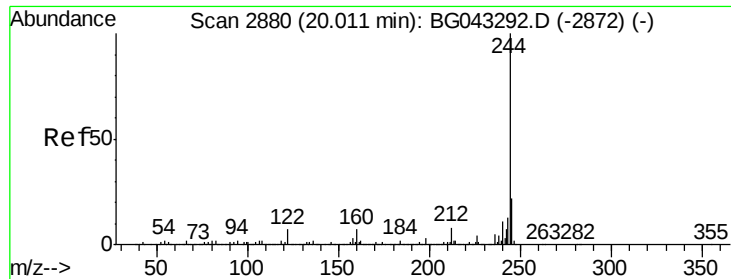
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 70.371 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

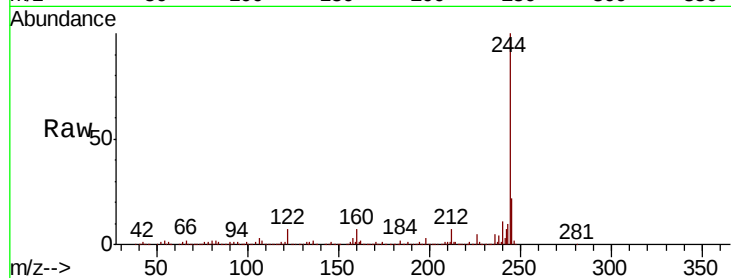
Tot Ion:244 Resp: 1088089

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

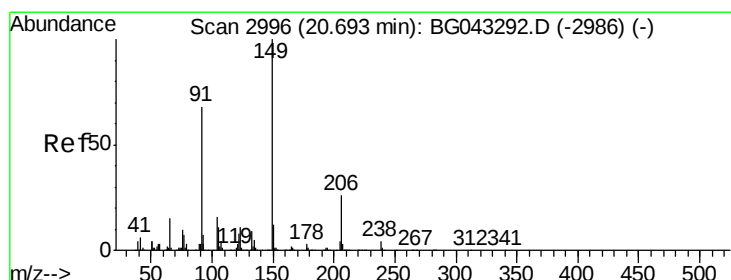
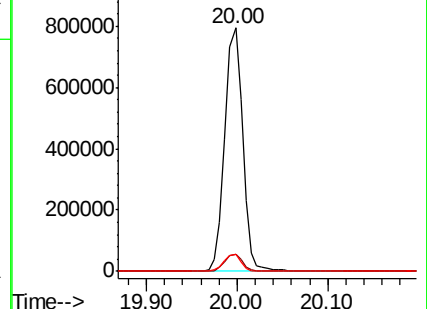
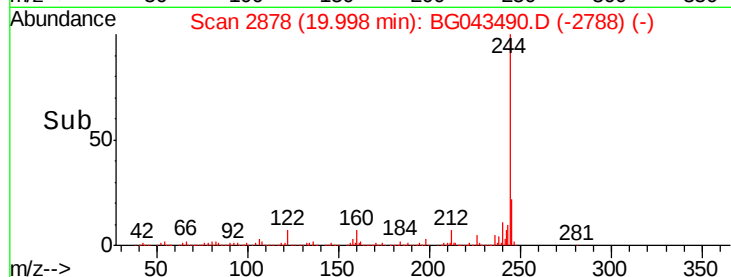
122 7.0 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.221 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

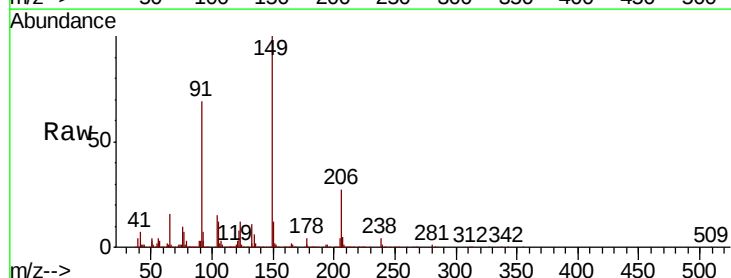
Tgt Ion:149 Resp: 260004

Ion Ratio Lower Upper

149 100

91 69.4 51.2 76.8

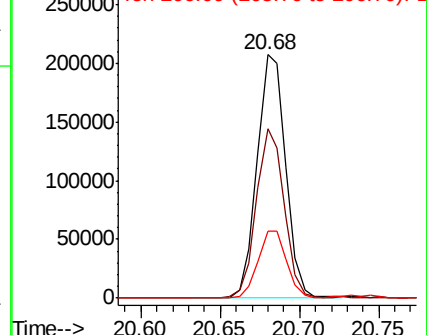
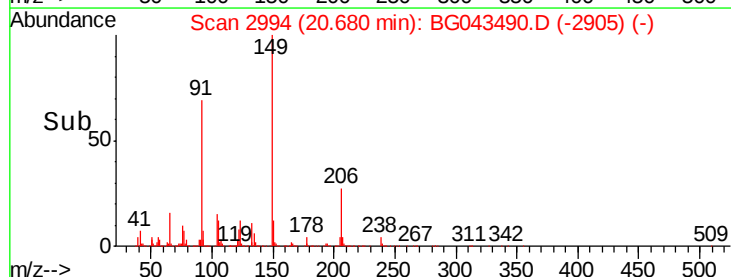
206 27.3 22.5 33.7

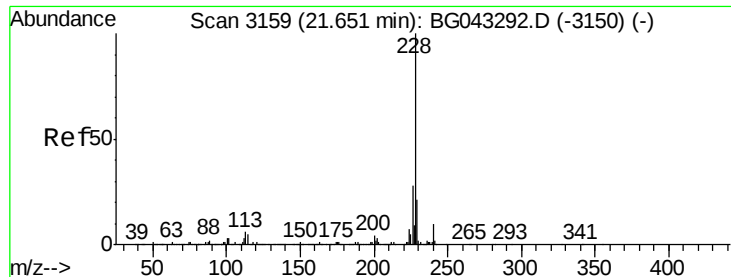


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.956 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

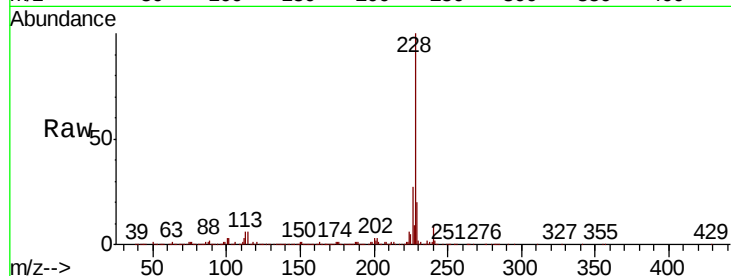
Tot Ion:228 Resp: 726008

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

229 20.2 17.0 25.4

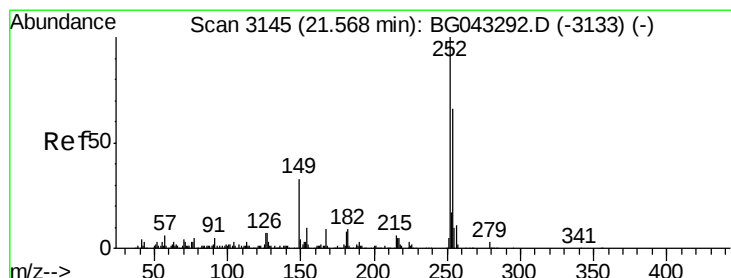
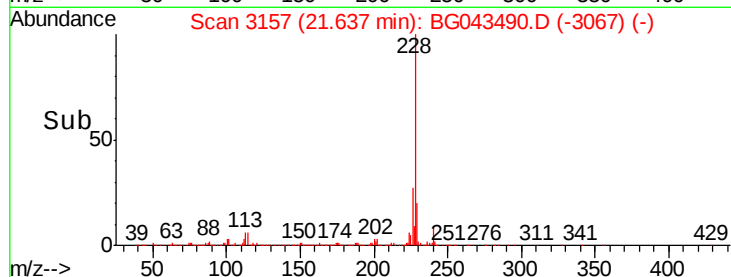
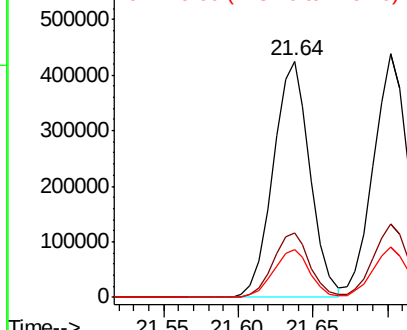


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.843 ng

RT: 21.56 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

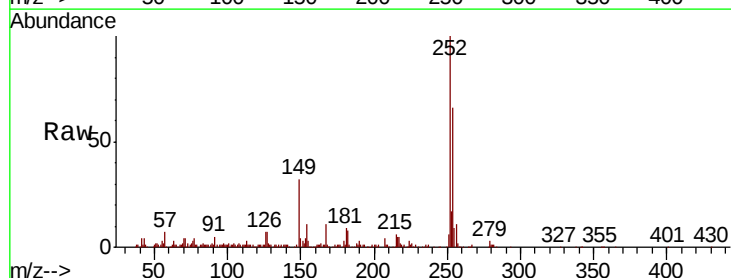
Tgt Ion:252 Resp: 139454

Ion Ratio Lower Upper

252 100

254 65.5 50.8 76.2

126 6.6 6.1 9.1

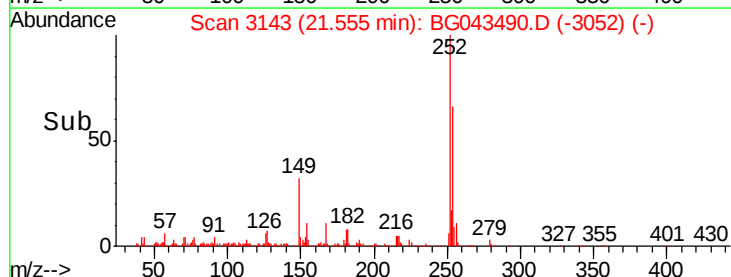
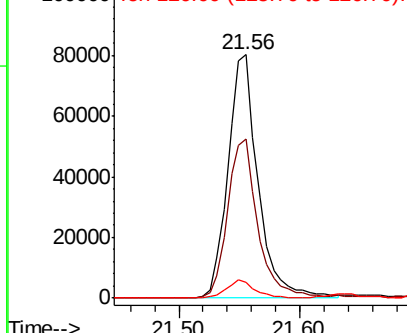


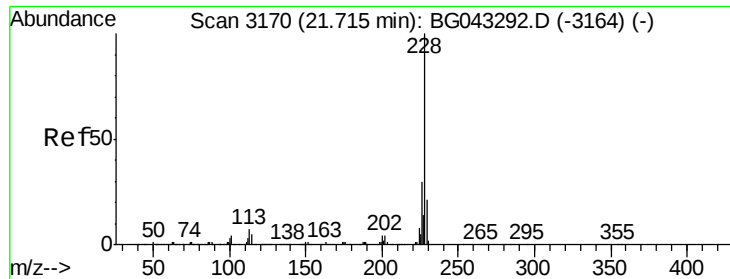
Abundance

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: 39.224 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

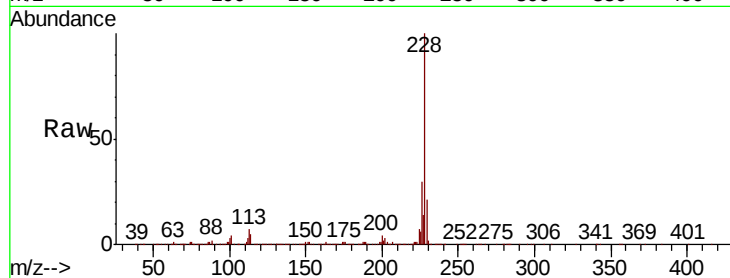
Tot Ion:228 Resp: 708143

Ion Ratio Lower Upper

228 100

226 29.9 25.1 37.7

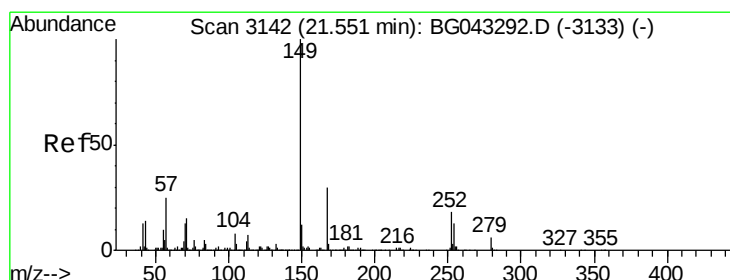
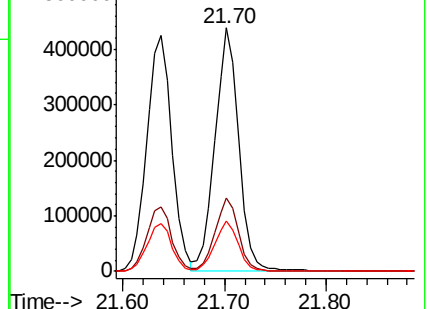
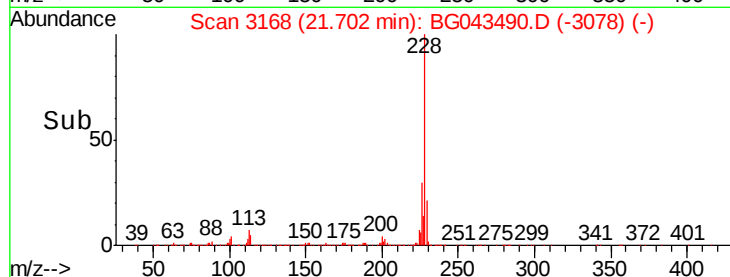
229 20.6 17.0 25.4



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: 39.606 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

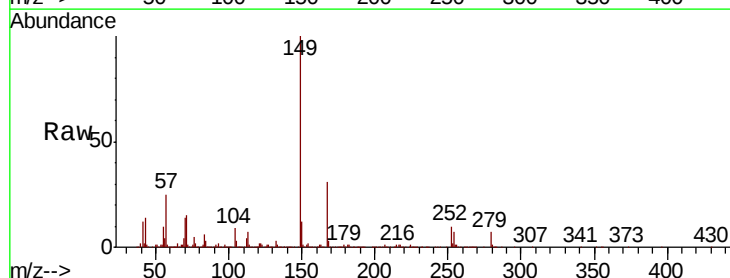
Tgt Ion:149 Resp: 382721

Ion Ratio Lower Upper

149 100

167 31.2 24.0 36.0

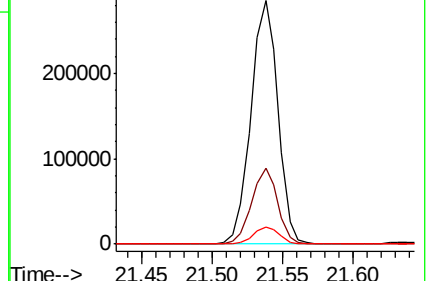
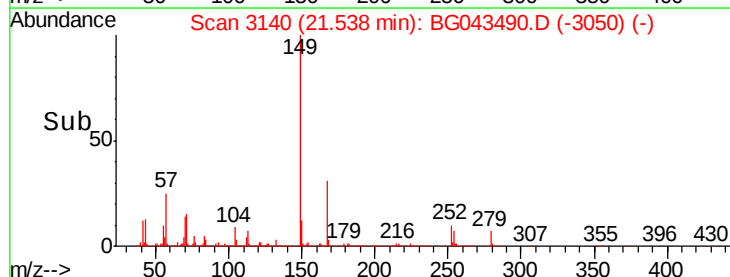
279 6.8 5.4 8.2

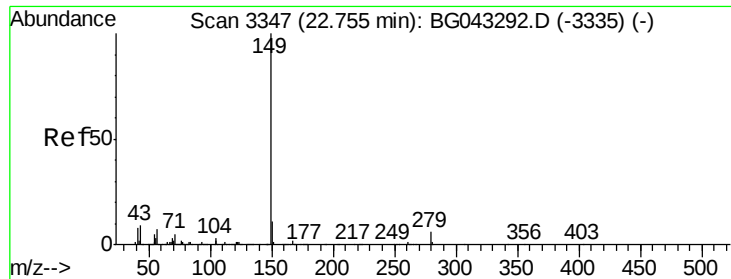


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

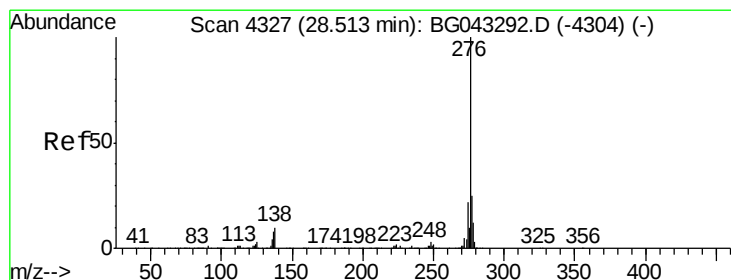
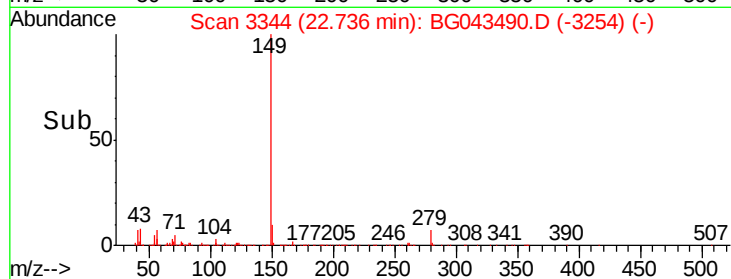
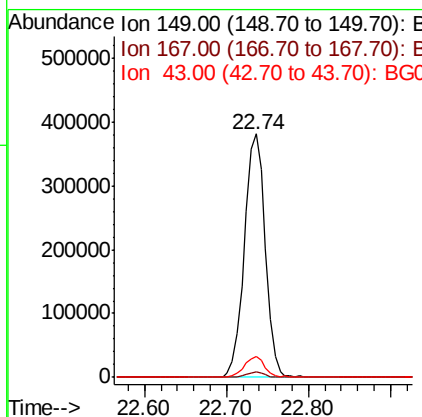
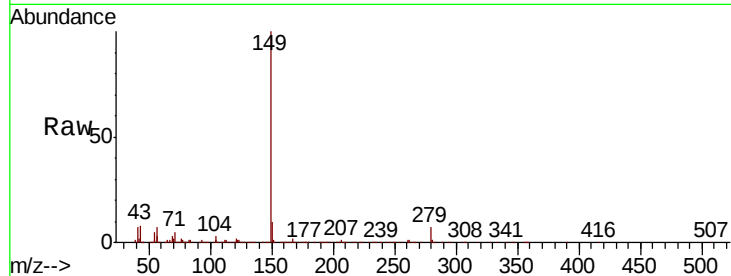




#85
Di-n-octyl phthalate
Concen: 41.252 ng
RT: 22.74 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

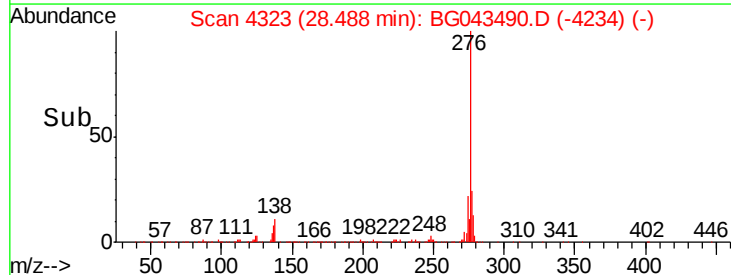
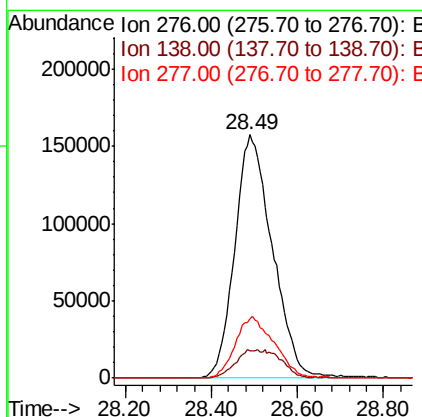
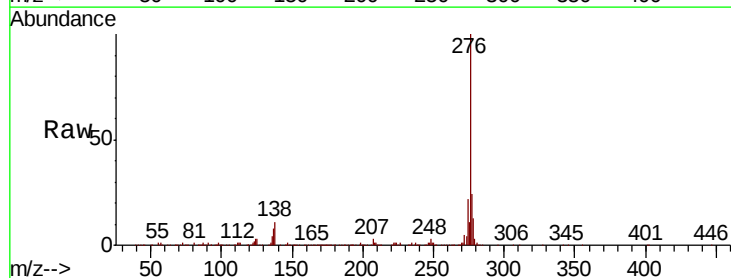
Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

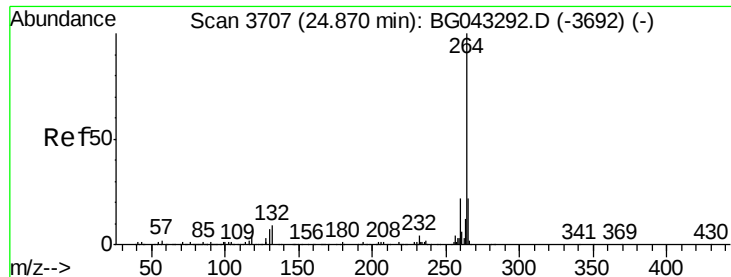
Tot Ion:149 Resp: 676300
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 8.2 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.327 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.01 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion:276 Resp: 959202
Ion Ratio Lower Upper
276 100
138 8.0 6.8 10.2
277 26.1 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

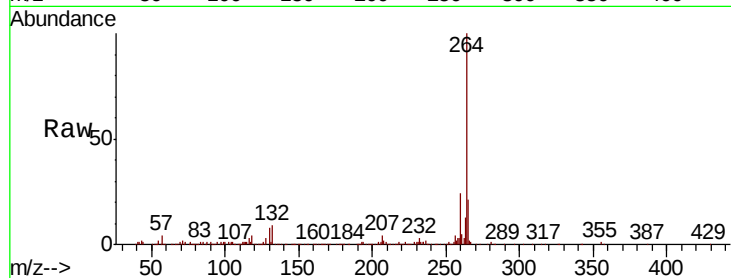
Tot Ion:264 Resp: 347849

Ion Ratio Lower Upper

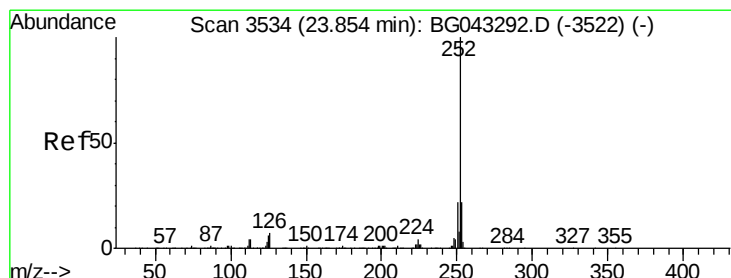
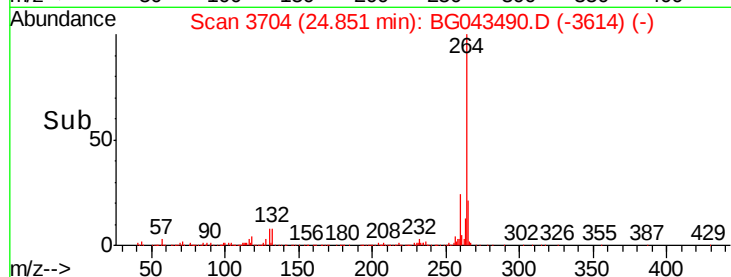
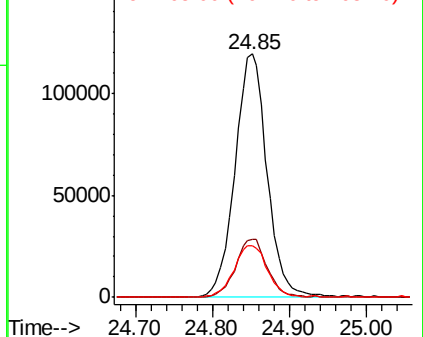
264 100

260 23.6 17.5 26.3

265 21.3 17.4 26.0



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: 39.143 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

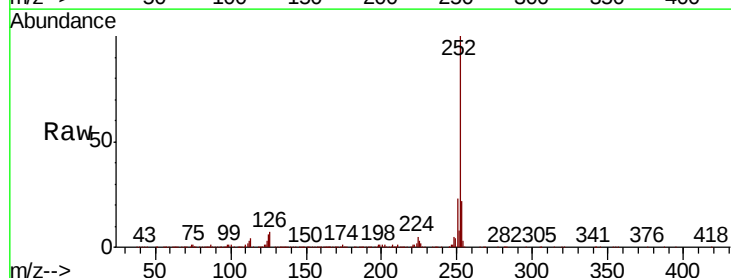
Tgt Ion:252 Resp: 771162

Ion Ratio Lower Upper

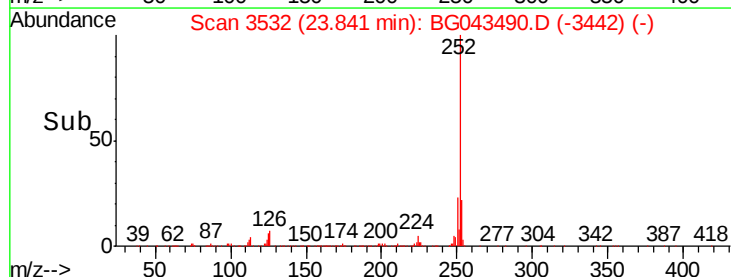
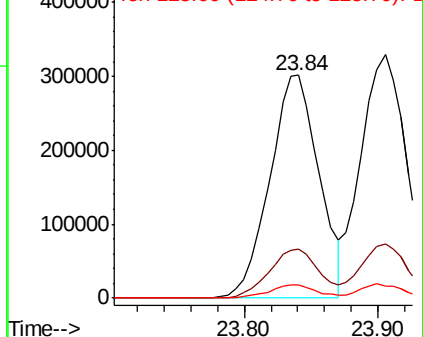
252 100

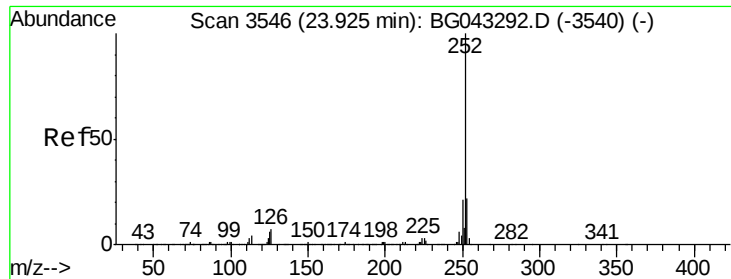
253 22.0 17.7 26.5

125 5.7 4.5 6.7



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: 39.487 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

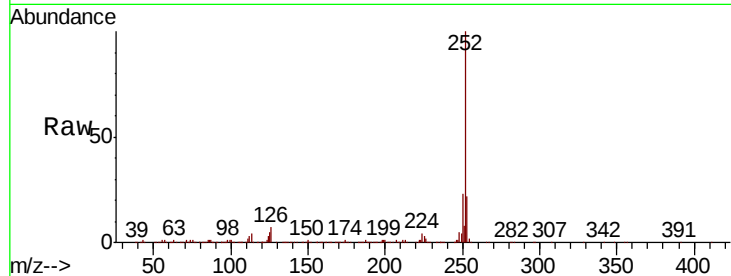
Tot Ion:252 Resp: 783147

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

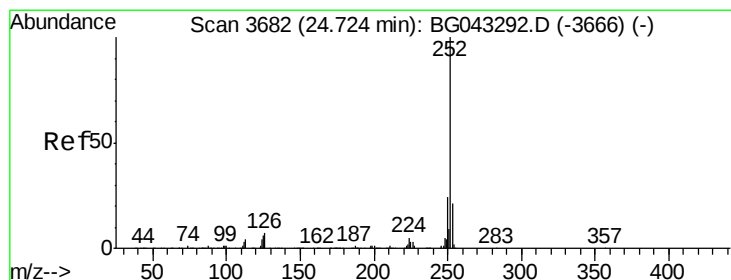
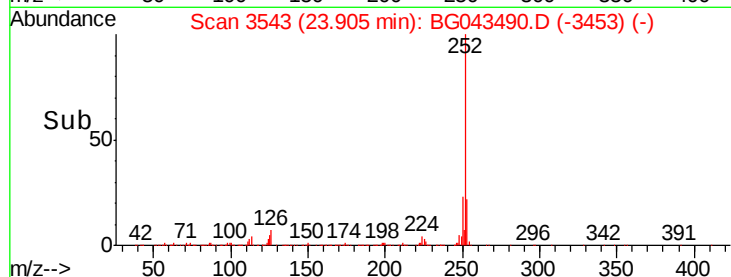
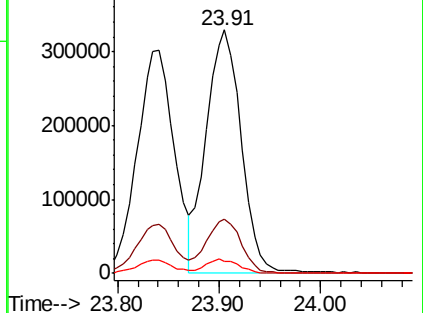
125 4.9 4.6 6.8



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: 38.623 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

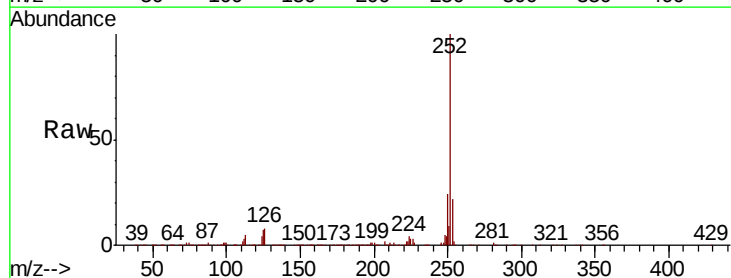
Tgt Ion:252 Resp: 726624

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

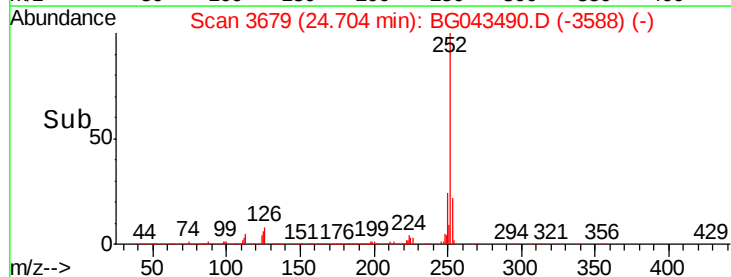
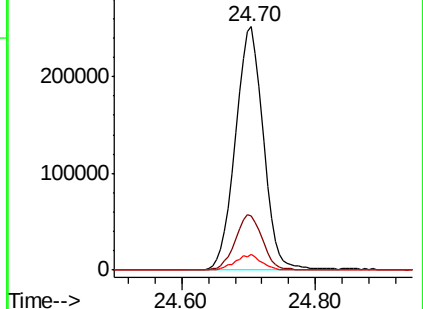
125 6.5 5.4 8.2

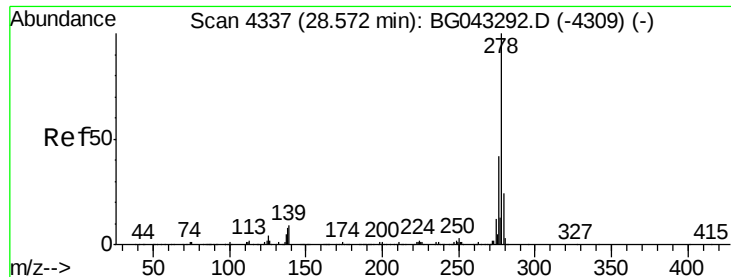


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.083 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

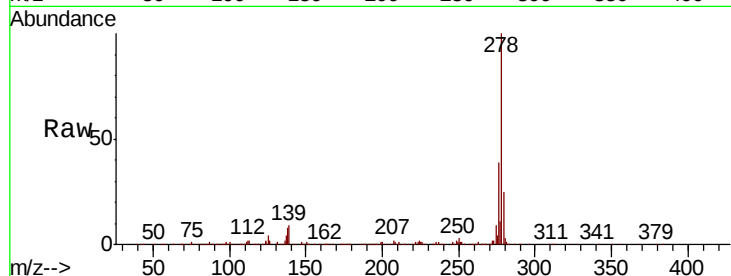
Tot Ion:278 Resp: 809804

Ion Ratio Lower Upper

278 100

139 9.0 7.4 11.0

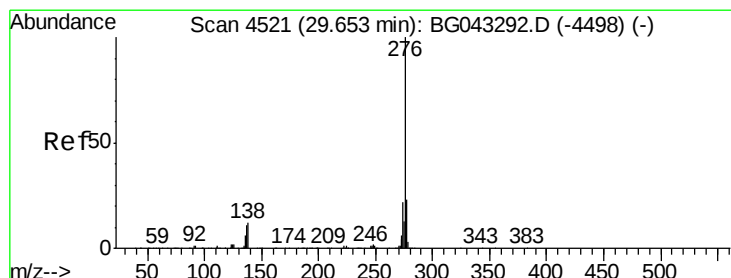
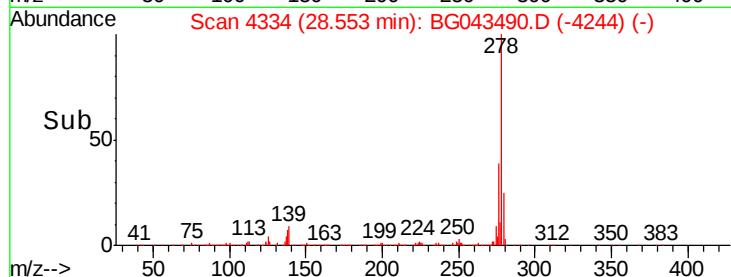
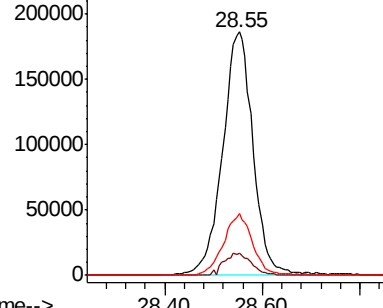
279 25.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.082 ng

RT: 29.63 min Scan# 4517

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

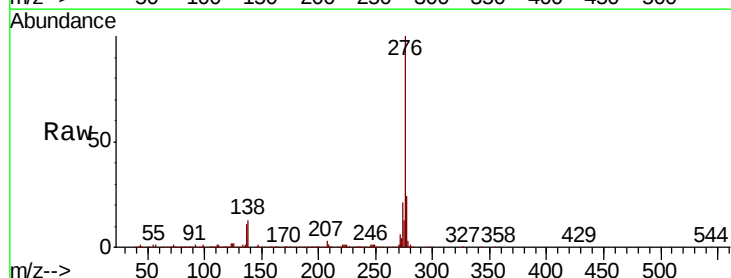
Tgt Ion:276 Resp: 798778

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 12.9 8.9 13.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

