

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043410.D
 Acq On : 30 Oct 2019 21:12
 Operator : JU
 Sample : K5501-13MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 05:10:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	47258	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	179938	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	127355	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	290273	20.00	ng	0.00
76) Chrysene-d12	21.66	240	320053	20.00	ng	0.00
87) Perylene-d12	24.86	264	374640	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	220180	85.38	ng	0.00
7) Phenol-d6	7.21	99	312661	84.26	ng	0.00
23) Nitrobenzene-d5	9.18	82	184567	52.88	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	185587	76.58	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	508231	55.14	ng	0.00
79) Terphenyl-d14	20.00	244	928197	54.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	35938	35.759	ng	95
3) Pyridine	3.89	79	85477	33.717	ng	97
4) n-Nitrosodimethylamine	3.80	42	54941	42.948	ng	# 94
6) Aniline	7.35	93	113769	26.617	ng	96
8) 2-Chlorophenol	7.59	128	129575	45.515	ng	99
9) Benzaldehyde	7.16	77	68089	37.340	ng	92
10) Phenol	7.24	94	168127	49.586	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	104853	39.998	ng	95
12) 1,3-Dichlorobenzene	7.91	146	140869	39.494	ng	95
13) 1,4-Dichlorobenzene	8.06	146	144601	40.069	ng	99
14) 1,2-Dichlorobenzene	8.38	146	137100	38.909	ng	99
15) Benzyl Alcohol	8.26	79	115006	44.133	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	142246	37.317	ng	97
17) 2-Methylphenol	8.48	107	112819	45.643	ng	95
18) Hexachloroethane	9.10	117	52128	40.036	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	92895	38.744	ng	98
20) 3+4-Methylphenols	8.81	107	147066	43.390	ng	92
22) Acetophenone	8.85	105	185754	40.311	ng	# 96
24) Nitrobenzene	9.23	77	143601	43.190	ng	97
25) Isophorone	9.75	82	265715	41.641	ng	97
26) 2-Nitrophenol	9.94	139	76808	47.850	ng	95
27) 2,4-Dimethylphenol	10.01	122	115429	50.172	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	148090	42.049	ng	98
29) 2,4-Dichlorophenol	10.49	162	138098	46.848	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	155741	41.919	ng	99
31) Naphthalene	10.88	128	401778	43.989	ng	97
32) Benzoic acid	10.19	122	66614	39.820	ng	99
34) Hexachlorobutadiene	11.17	225	109173	39.751	ng	91
35) Caprolactam	11.77	113	23386	23.035	ng	90
36) 4-Chloro-3-methylphenol	12.12	107	145625	45.290	ng	95
37) 2-Methylnaphthalene	12.48	142	303100	43.250	ng	96
38) 1-Methylnaphthalene	12.70	142	291566	43.726	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	197280	41.857	ng	99
41) Hexachlorocyclopentadiene	12.83	237	229873	92.845	ng	99

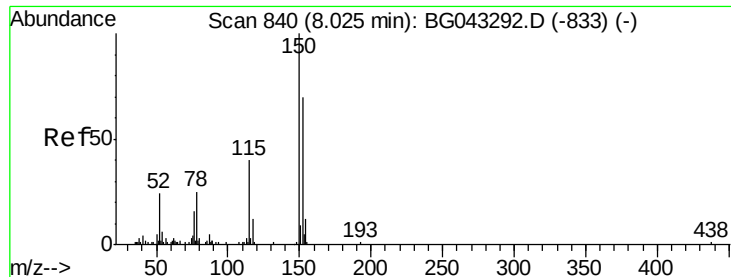
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.09	196	128102	46.152	ng	95
44) 2,4,5-Trichlorophenol	13.18	196	136463	48.630	ng	97
46) 1,1'-Biphenyl	13.48	154	411006	42.422	ng	98
47) 2-Chloronaphthalene	13.53	162	321818	43.656	ng	98
48) 2-Nitroaniline	13.73	65	93092	42.252	ng	95
49) Acenaphthylene	14.37	152	511519	44.585	ng	99
50) Dimethylphthalate	14.10	163	487046	49.373	ng	99
51) 2,6-Dinitrotoluene	14.22	165	92090	42.972	ng	98
52) Acenaphthene	14.72	154	308832	44.140	ng	97
53) 3-Nitroaniline	14.56	138	50231	24.277	ng	94
54) 2,4-Dinitrophenol	14.77	184	110178	82.119	ng	98
55) Dibenzofuran	15.05	168	499966	44.065	ng	99
56) 4-Nitrophenol	14.89	139	142975	103.116	ng	96
57) 2,4-Dinitrotoluene	15.01	165	134083	43.780	ng	98
58) Fluorene	15.70	166	412262	43.322	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	137240	46.032	ng	# 99
60) Diethylphthalate	15.46	149	412506	41.618	ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	238981	43.048	ng	96
62) 4-Nitroaniline	15.73	138	87086	40.755	ng	96
63) Azobenzene	15.98	77	350206	43.657	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	83376	48.807	ng	99
66) n-Nitrosodiphenylamine	15.90	169	371866	45.376	ng	97
67) 4-Bromophenyl-phenylether	16.58	248	168392	43.106	ng	99
68) Hexachlorobenzene	16.70	284	187075	41.720	ng	99
69) Atrazine	16.85	200	153961	54.066	ng	93
70) Pentachlorophenol	17.05	266	205534	100.593	ng	97
71) Phenanthrene	17.44	178	657118	44.208	ng	99
72) Anthracene	17.53	178	667771	44.902	ng	99
73) Carbazole	17.80	167	598617	44.449	ng	99
74) Di-n-butylphthalate	18.35	149	711433	43.537	ng	99
75) Fluoranthene	19.45	202	856656	44.207	ng	99
77) Benzidine	19.63	184	225988	35.085	ng	98
78) Pyrene	19.80	202	875691	44.203	ng	99
80) Butylbenzylphthalate	20.69	149	330032	43.972	ng	98
81) Benzo(a)anthracene	21.64	228	901581	44.971	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	239670	30.909	ng	95
83) Chrysene	21.71	228	880300	44.194	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	485683	45.554	ng	99
85) Di-n-octyl phthalate	22.74	149	838308	46.345	ng	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	1166871	46.668	ng	# 96
88) Benzo(b)fluoranthene	23.85	252	964317	45.447	ng	99
89) Benzo(k)fluoranthene	23.91	252	974674	45.629	ng	99
90) Benzo(a)pyrene	24.71	252	899076	44.372	ng	98
91) Dibenzo(a,h)anthracene	28.56	278	983227	47.441	ng	99
92) Benzo(g,h,i)perylene	29.64	276	983315	48.100	ng	98

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

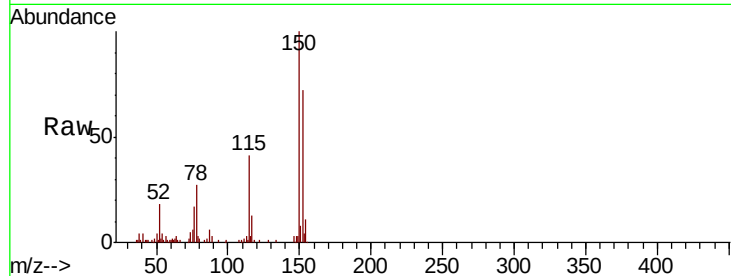


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.3	113.6	170.4
115	56.6	45.9	68.9

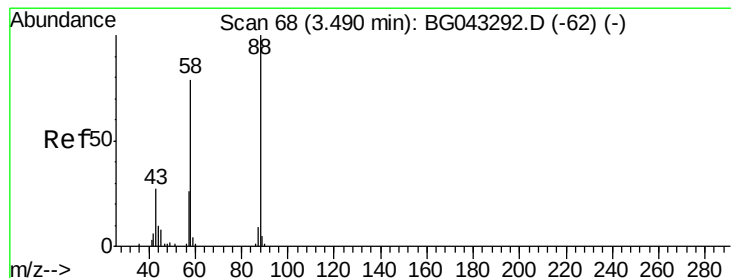
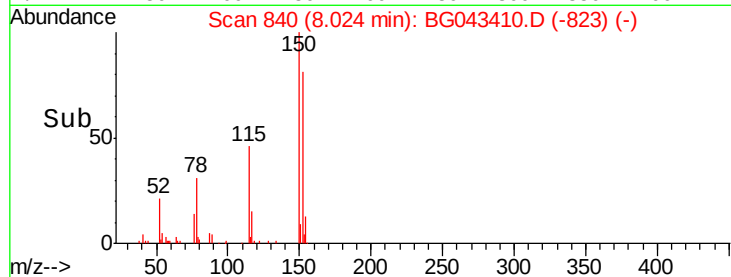
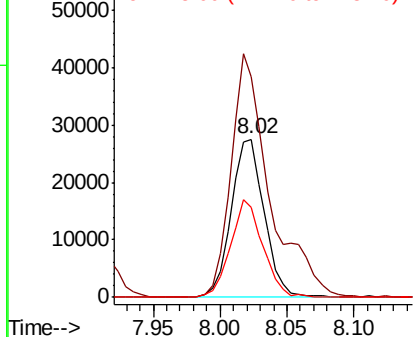


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

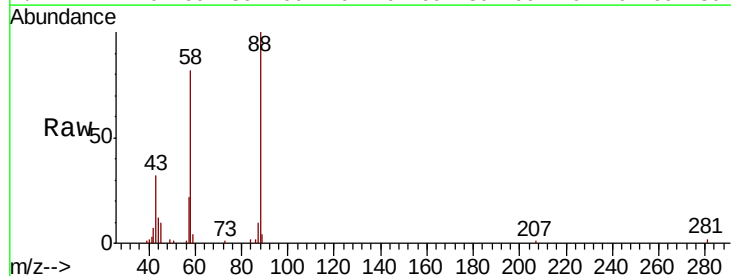
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.759 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.0	60.2	90.2
43	32.8	22.7	34.1

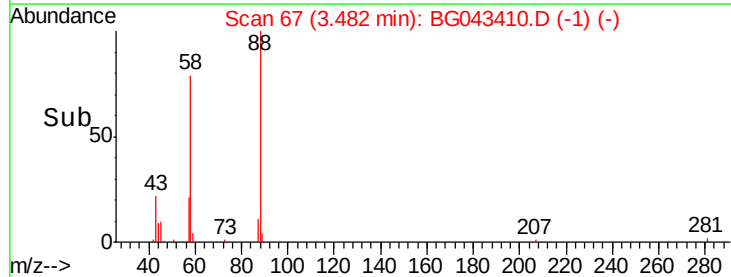
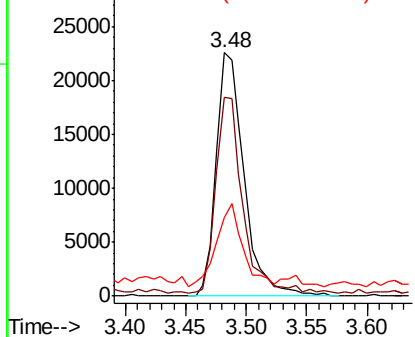


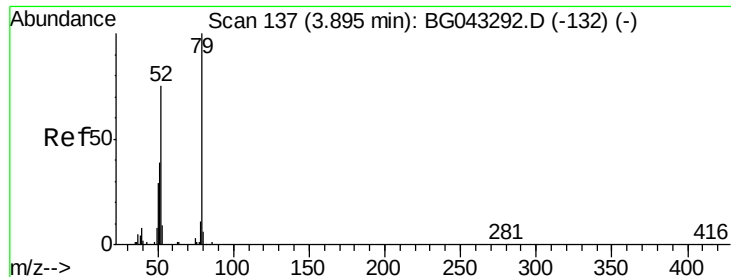
Abundance

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: 33.717 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

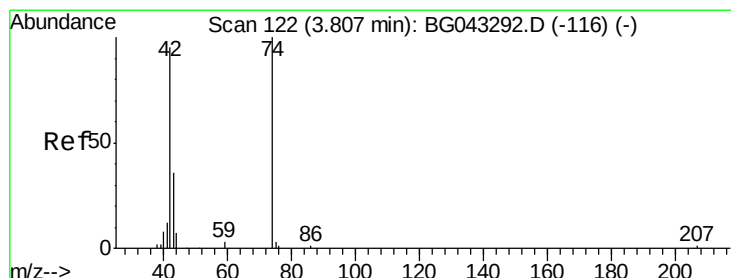
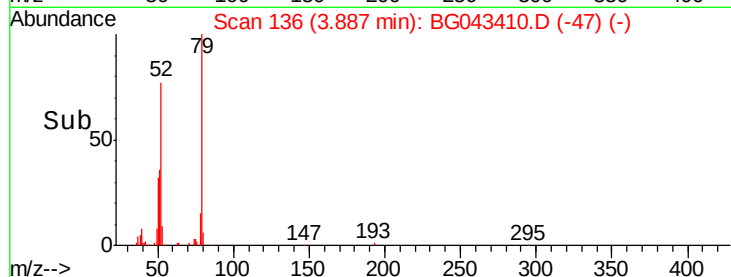
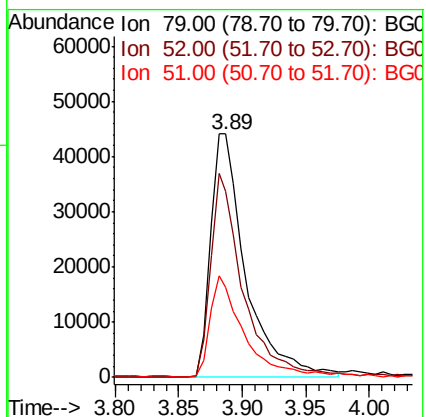
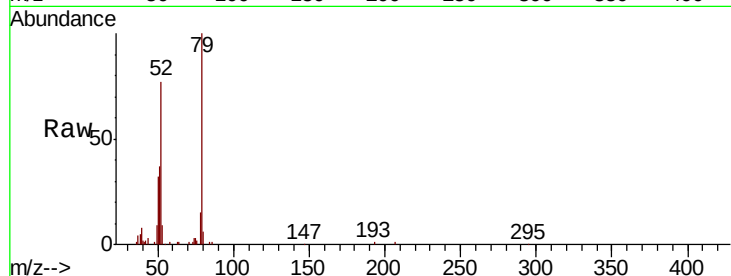
Tot Ion: 79 Resp: 85477

Ion Ratio Lower Upper

79 100

52 76.5 59.7 89.5

51 36.7 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 42.948 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

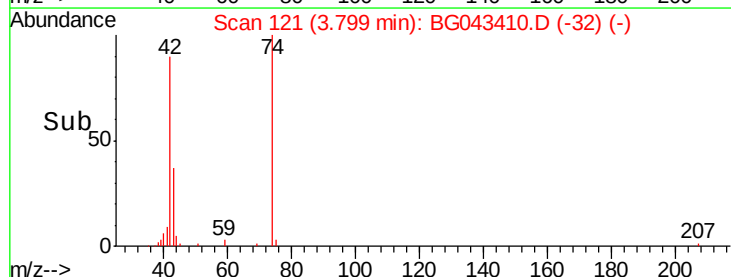
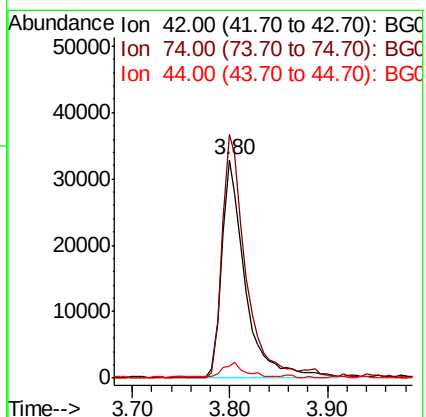
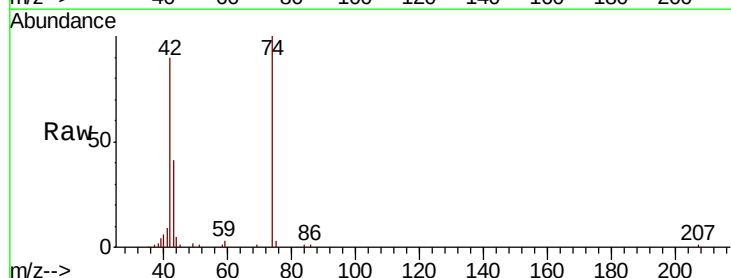
Tgt Ion: 42 Resp: 54941

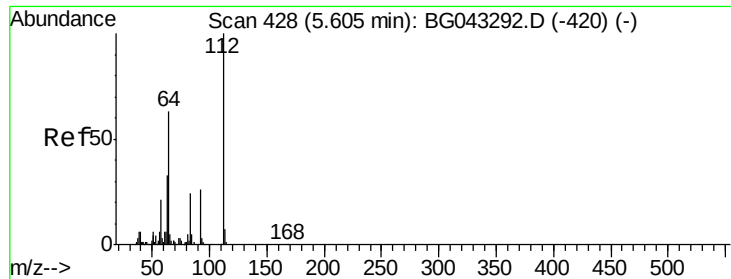
Ion Ratio Lower Upper

42 100

74 111.6 84.2 126.2

44 5.5 6.0 9.0#





#5

2-Fluorophenol

Concen: 85.376 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

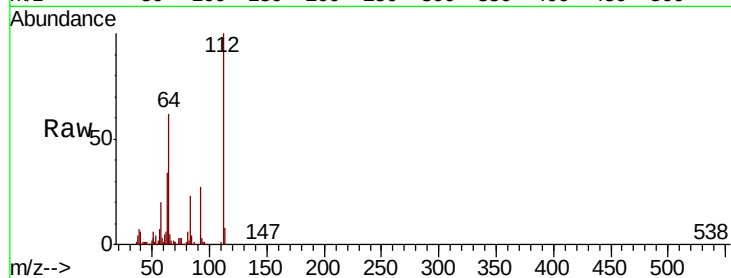
Tot Ion: 112 Resp: 220180

Ion Ratio Lower Upper

112 100

64 62.3 50.2 75.2

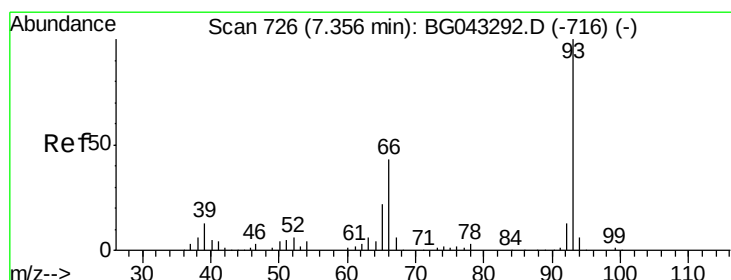
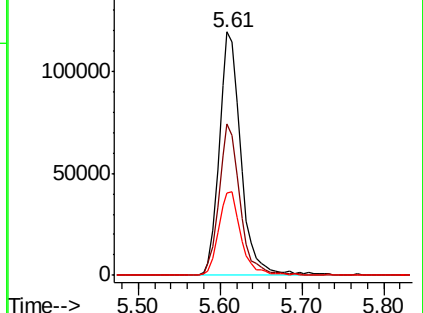
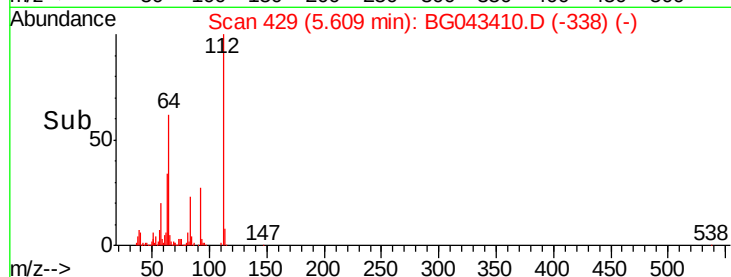
63 34.1 26.7 40.1



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: 26.617 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

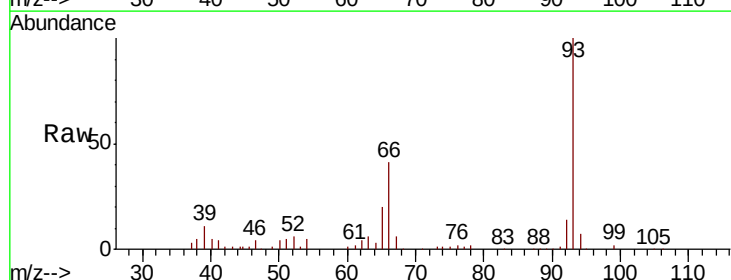
Tgt Ion: 93 Resp: 113769

Ion Ratio Lower Upper

93 100

66 40.9 34.5 51.7

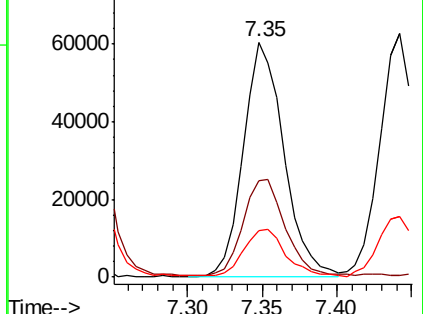
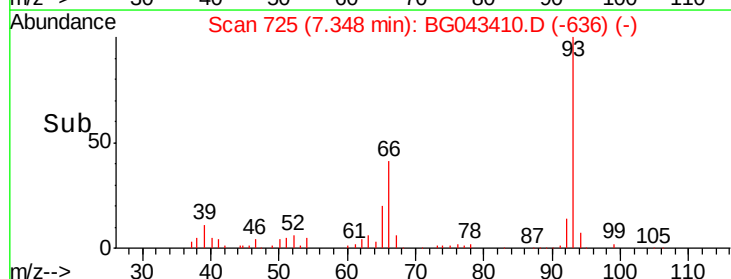
65 19.7 18.0 27.0

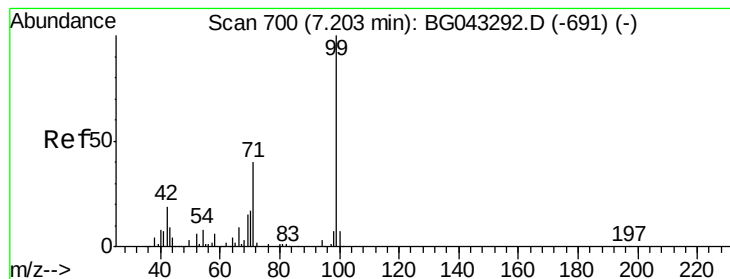


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.264 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

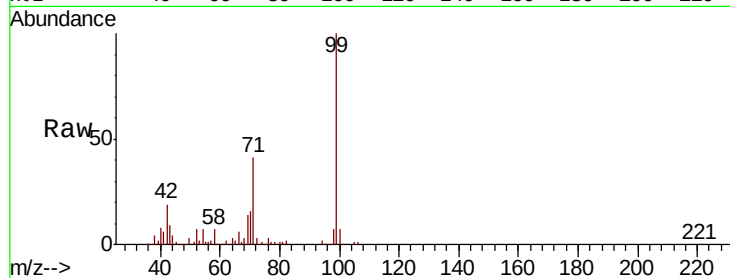
Tot Ion: 99 Resp: 312661

Ion Ratio Lower Upper

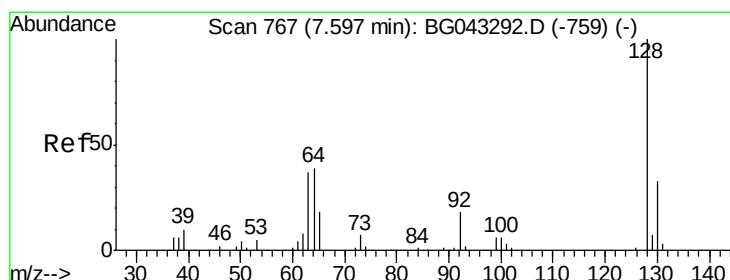
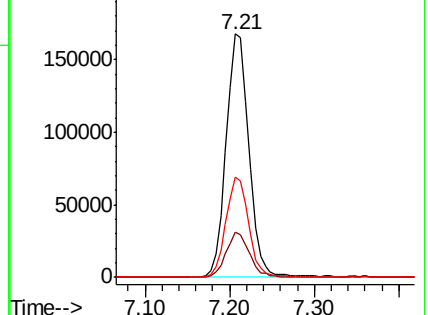
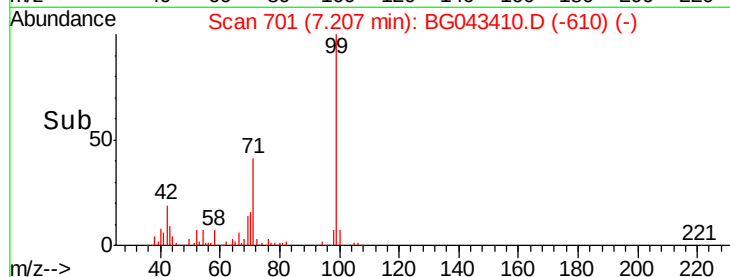
99 100

42 18.8 14.9 22.3

71 41.3 32.2 48.2



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



#8

2-Chlorophenol

Concen: 45.515 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

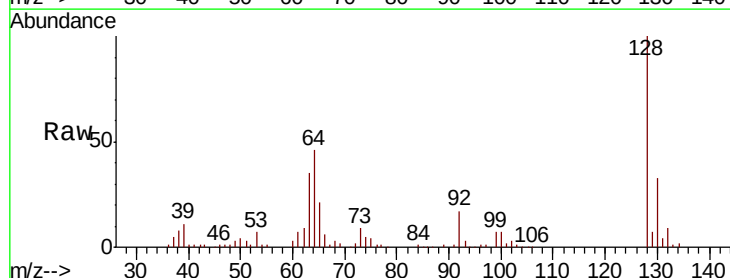
Tgt Ion: 128 Resp: 129575

Ion Ratio Lower Upper

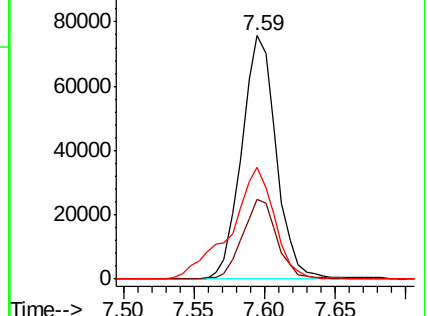
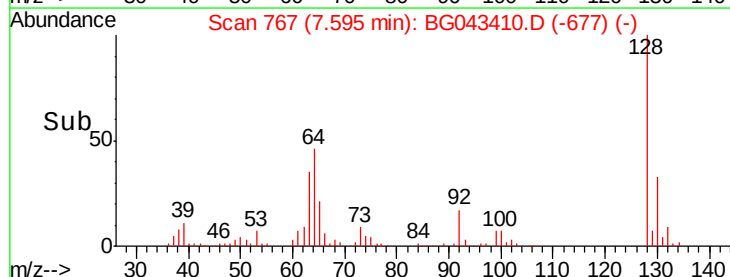
128 100

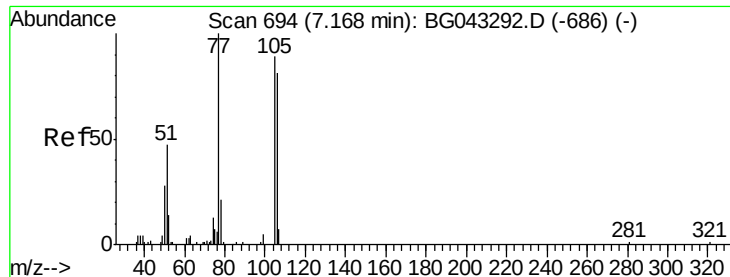
130 32.7 12.9 52.9

64 45.7 24.9 64.9



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: 37.340 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

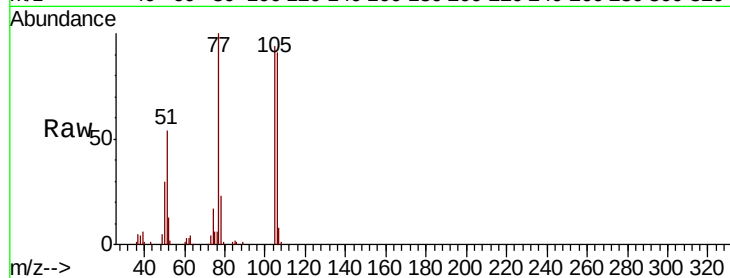
Tot Ion: 77 Resp: 68089

Ion Ratio Lower Upper

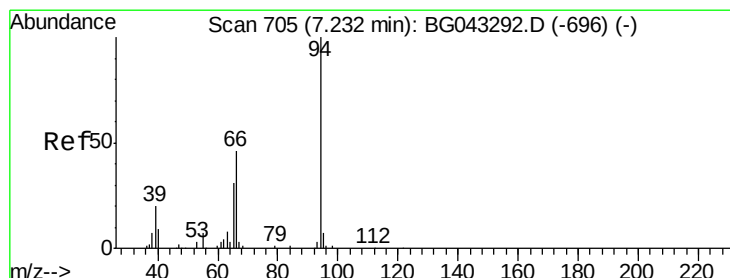
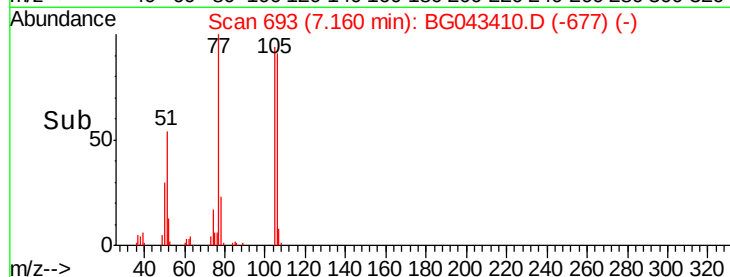
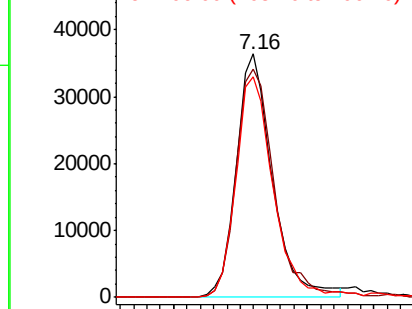
77 100

105 93.8 68.7 108.7

106 90.8 60.5 100.5



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: 49.586 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

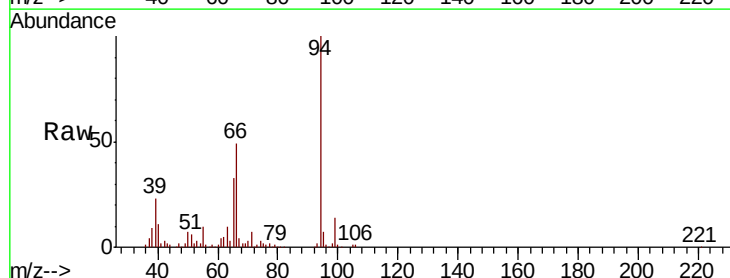
Tgt Ion: 94 Resp: 168127

Ion Ratio Lower Upper

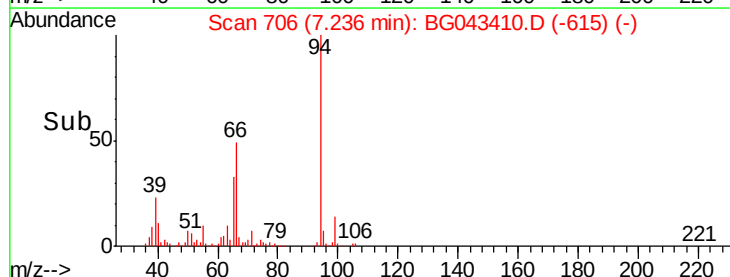
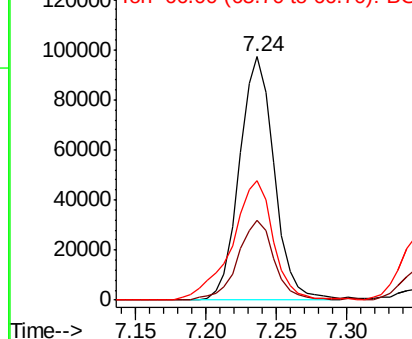
94 100

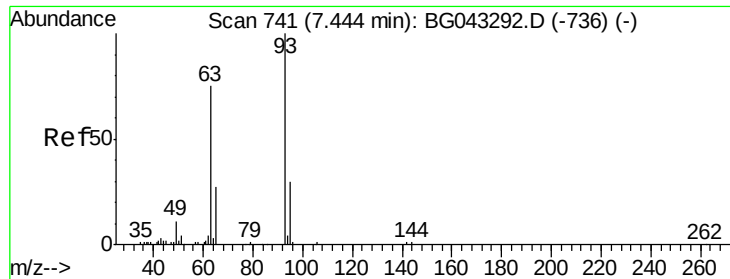
65 32.5 11.1 51.1

66 49.2 27.8 67.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

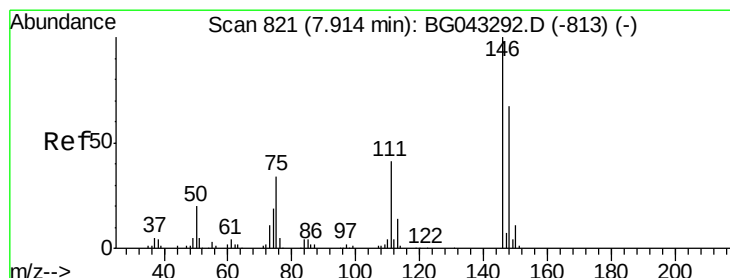
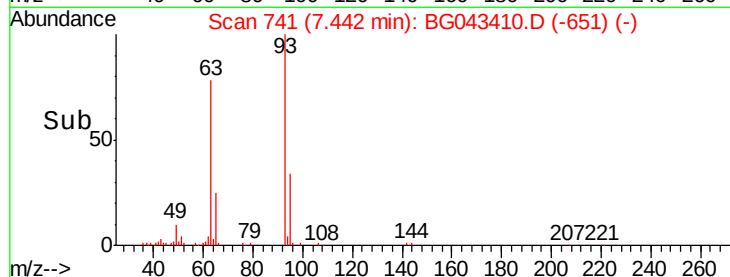
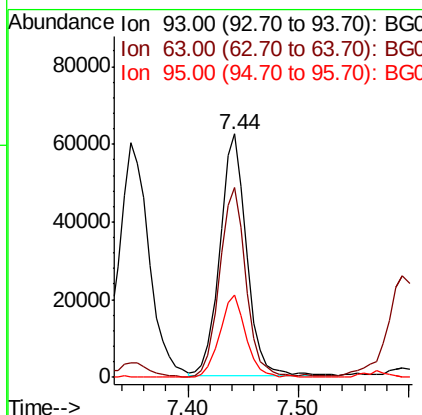
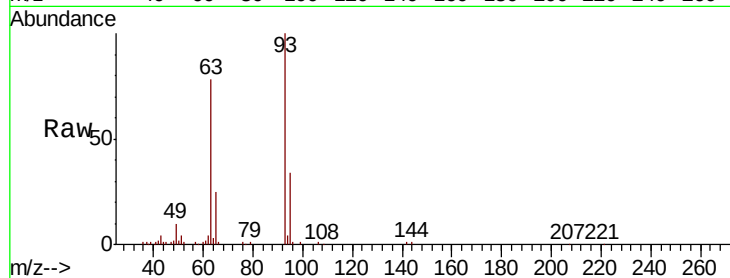




#11
bis(2-Chloroethyl)ether
Concen: 39.998 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

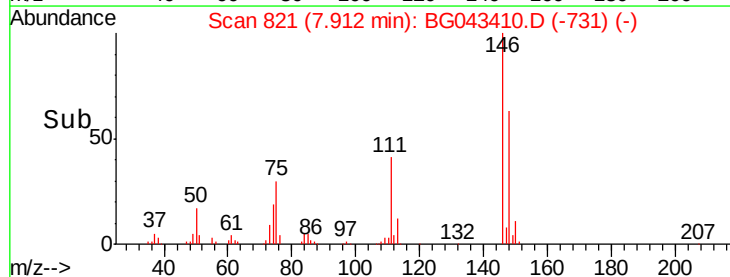
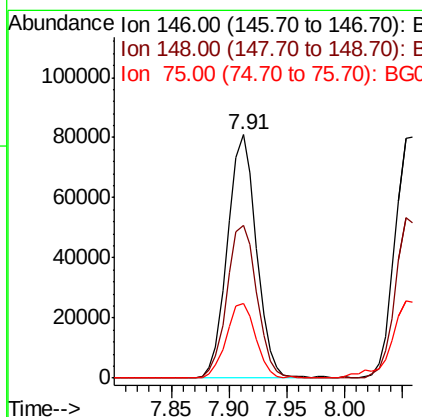
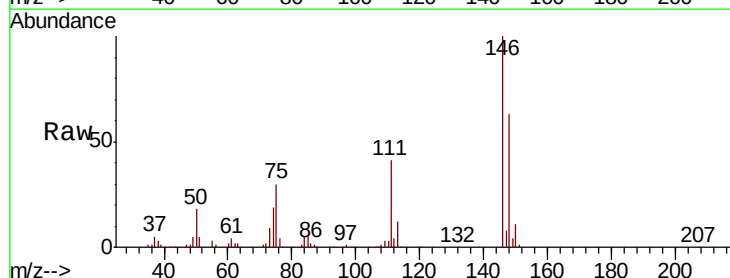
Instrument :
BNA_G
ClientSampleId :

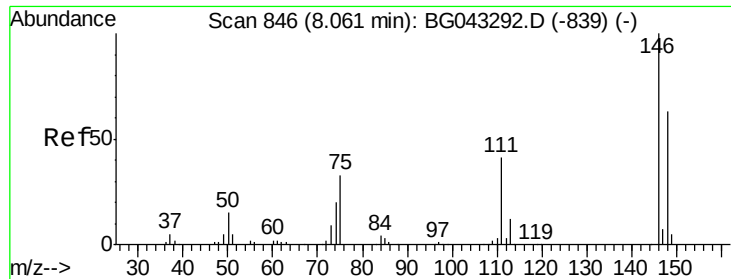
Tot Ion: 93 Resp: 104853
Ion Ratio Lower Upper
93 100
63 78.1 54.6 94.6
95 33.6 9.7 49.7



#12
1,3-Dichlorobenzene
Concen: 39.494 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion: 146 Resp: 140869
Ion Ratio Lower Upper
146 100
148 62.7 53.4 80.2
75 30.4 27.0 40.4

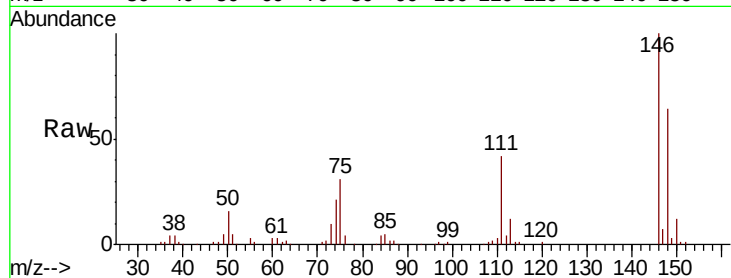




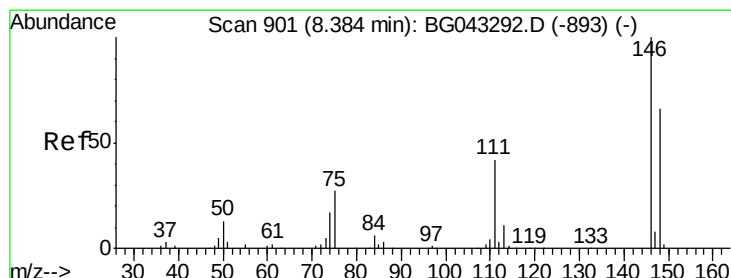
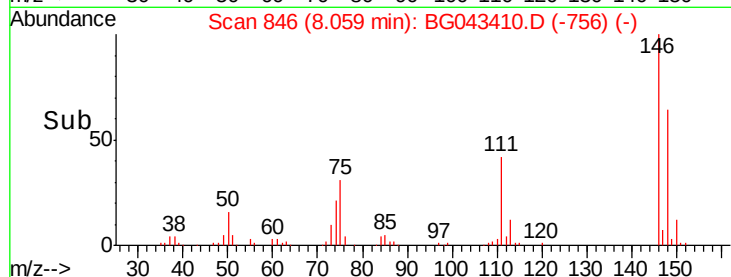
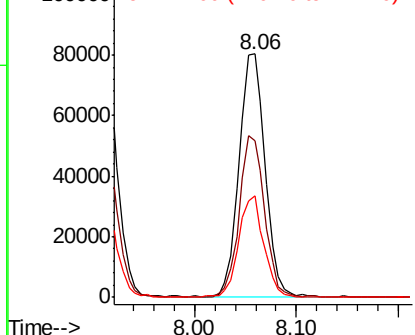
#13
 1,4-Dichlorobenzene
 Concen: 40.069 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 144601
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.7 76.1
 111 41.8 33.0 49.6

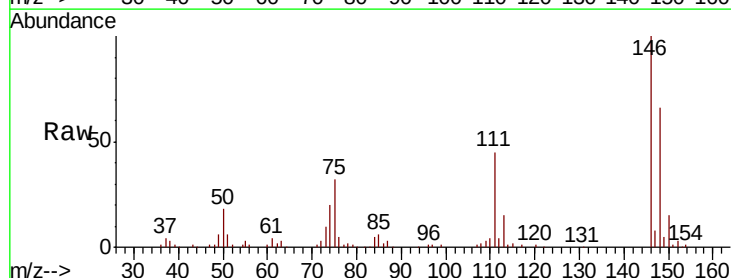


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

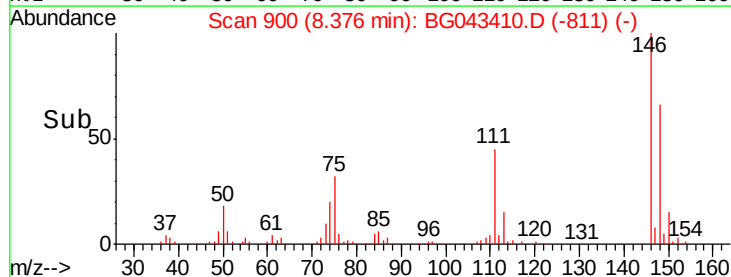
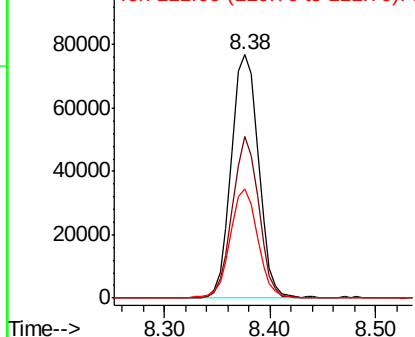


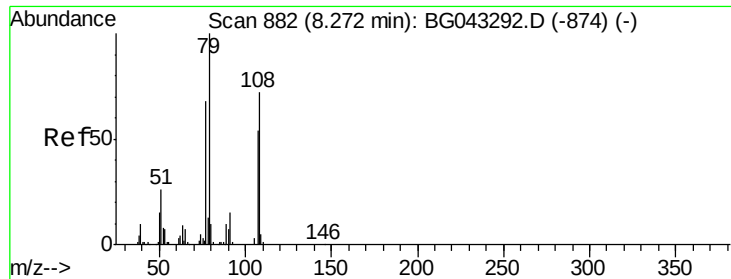
#14
 1,2-Dichlorobenzene
 Concen: 38.909 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion:146 Resp: 137100
 Ion Ratio Lower Upper
 146 100
 148 66.4 53.0 79.4
 111 44.7 34.5 51.7



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: 44.133 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

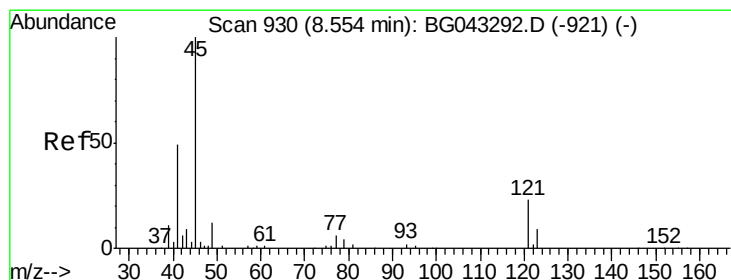
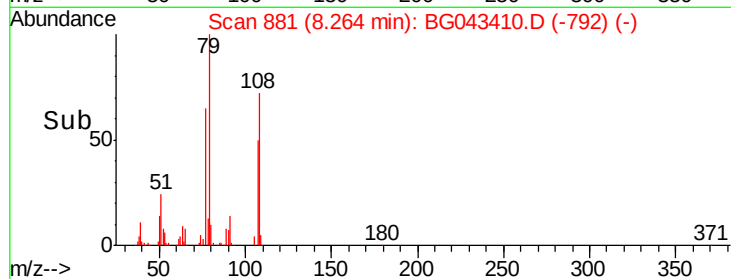
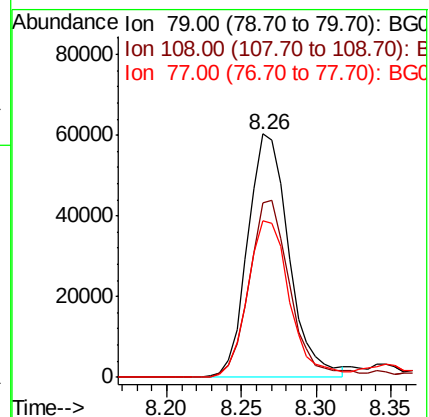
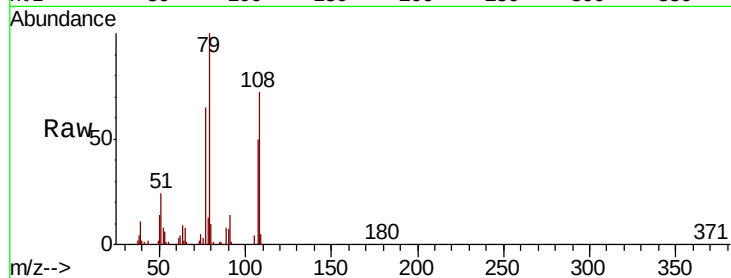
Tot Ion: 79 Resp: 115006

Ion Ratio Lower Upper

79 100

108 71.8 57.3 85.9

77 64.6 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.317 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

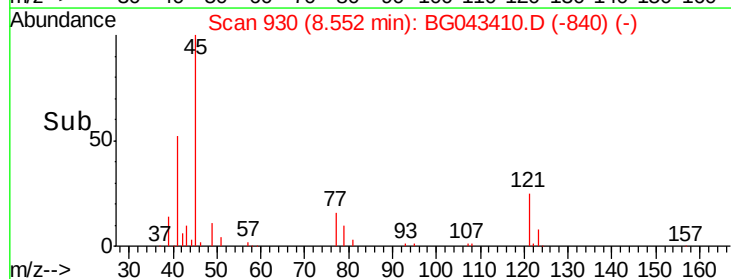
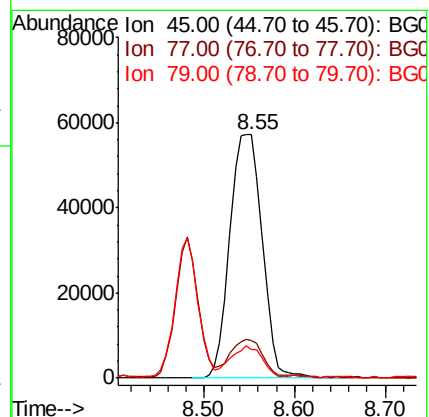
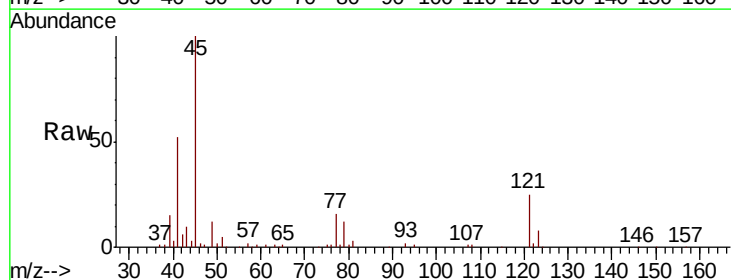
Tgt Ion: 45 Resp: 142246

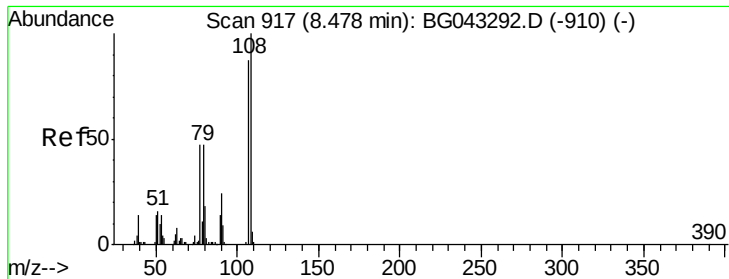
Ion Ratio Lower Upper

45 100

77 15.5 0.0 34.2

79 11.6 0.0 32.3

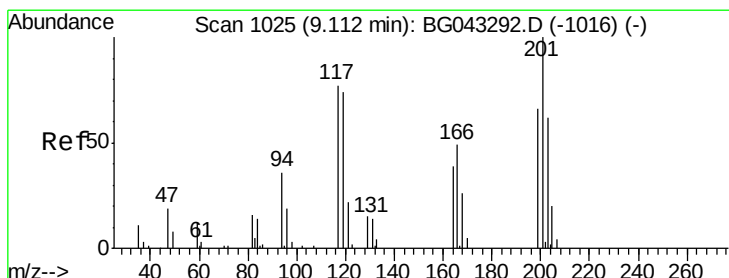
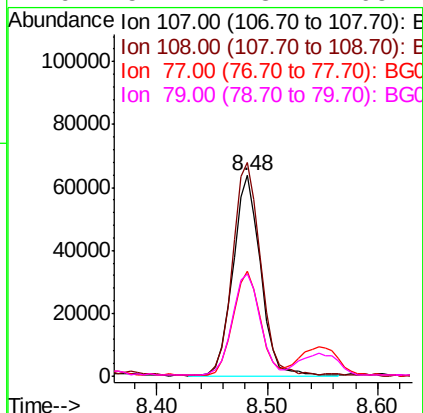
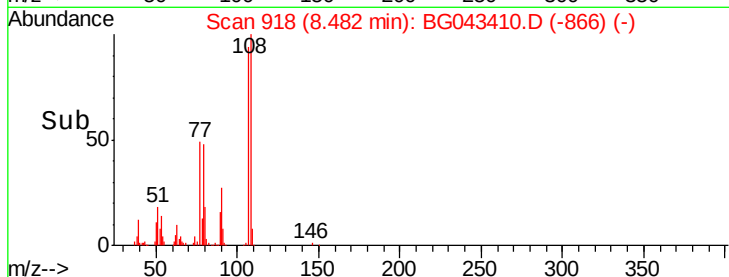
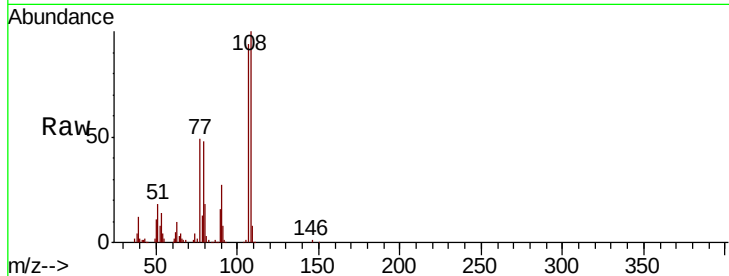




#17
2-Methylphenol
Concen: 45.643 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

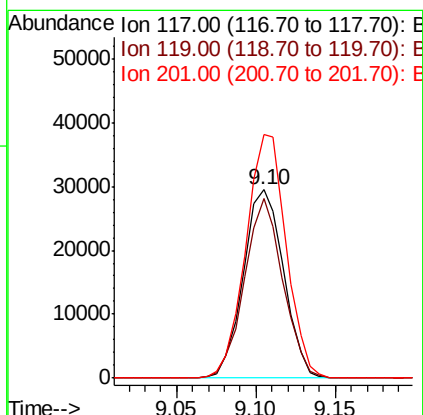
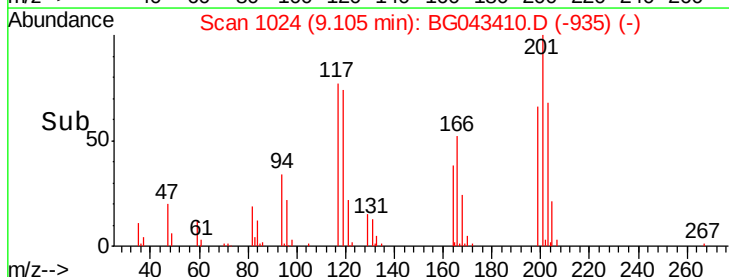
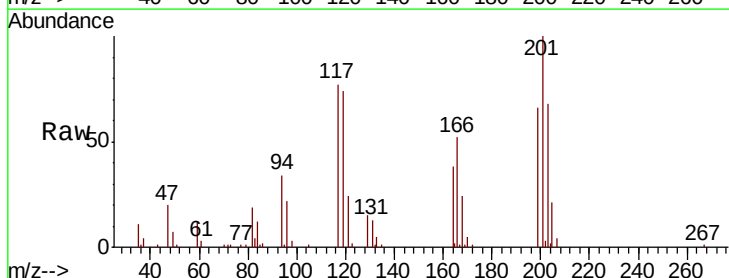
Instrument :
BNA_G
ClientSampled :

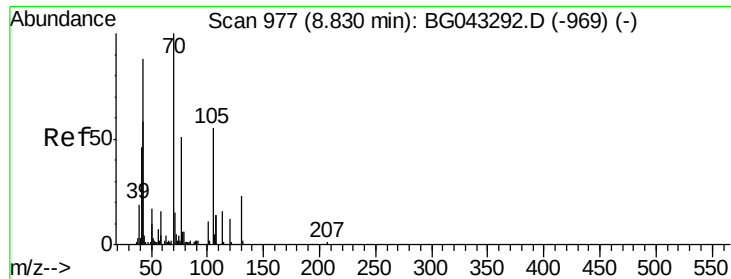
Tot Ion:	107	Resp:	112819
Ion	Ratio	Lower	Upper
107	100		
108	106.5	91.3	136.9
77	52.3	43.0	64.6
79	51.4	43.4	65.2



#18
Hexachloroethane
Concen: 40.036 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion:	117	Resp:	52128
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.3	115.9
201	129.3	104.2	156.4

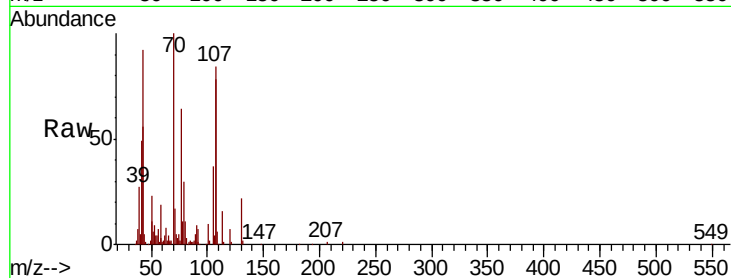




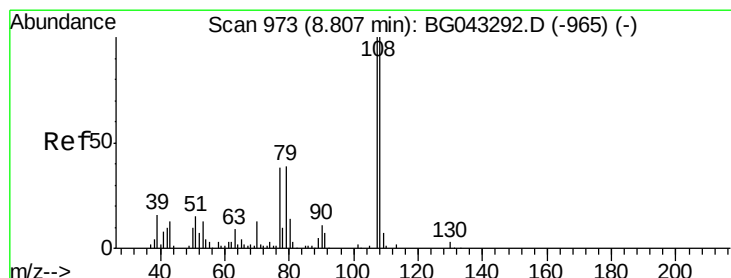
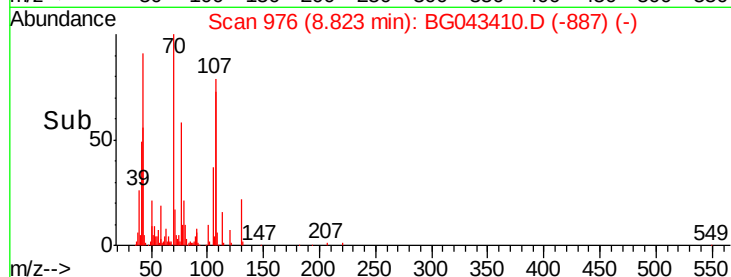
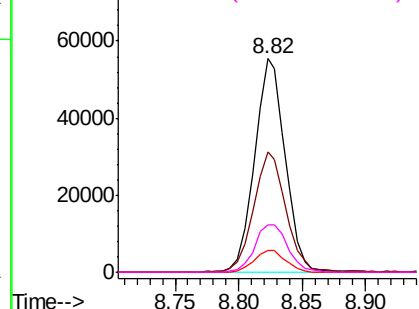
#19
n-Nitroso-di-n-propylamine
Concen: 38.744 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	92895
Ion	Ratio	Lower	Upper
70	100		
42	56.2	46.2	69.2
101	10.4	8.6	13.0
130	22.3	18.6	27.8

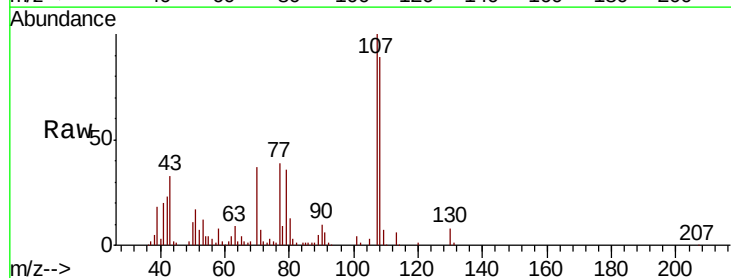


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

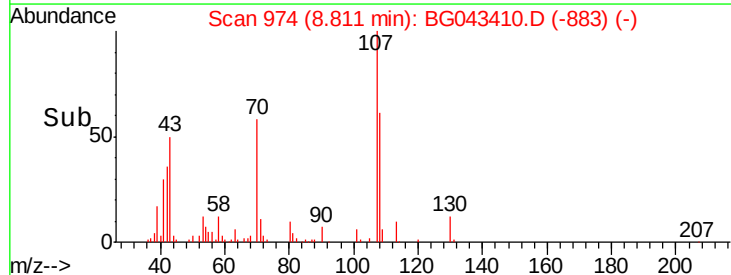
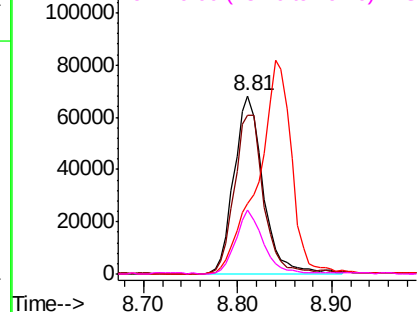


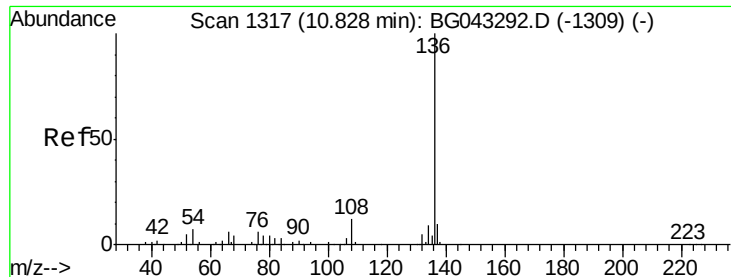
#20
3+4-Methylphenols
Concen: 43.390 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion:	107	Resp:	147066
Ion	Ratio	Lower	Upper
107	100		
108	88.8	80.3	120.3
77	39.4	18.2	58.2
79	35.6	18.8	58.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 179938

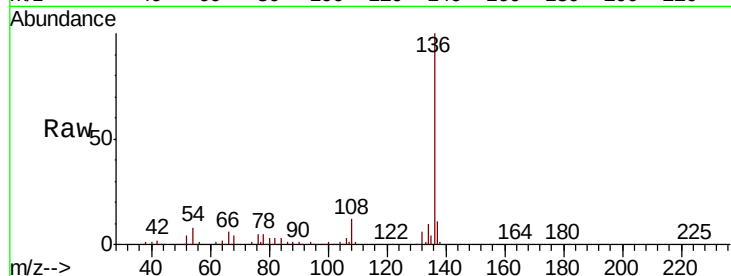
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.2

54 7.5 5.4 8.2

68 3.8 3.3 4.9

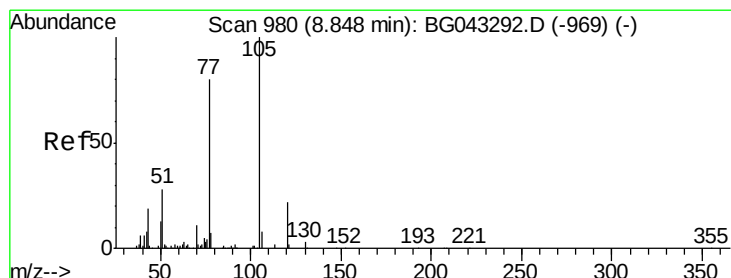
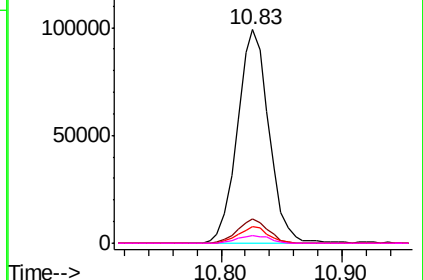
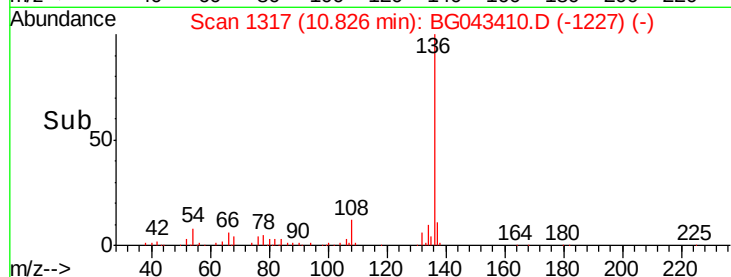


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.311 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Tgt Ion:105 Resp: 185754

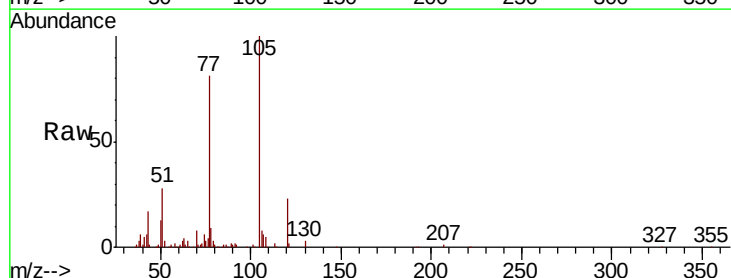
Ion Ratio Lower Upper

105 100

71 1.3 1.5 2.3#

51 27.7 23.9 35.9

120 23.4 17.3 25.9

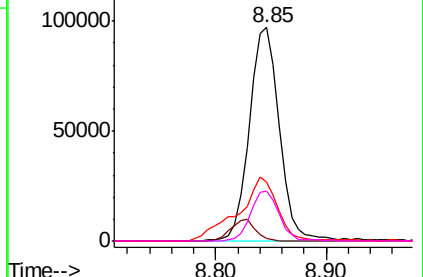
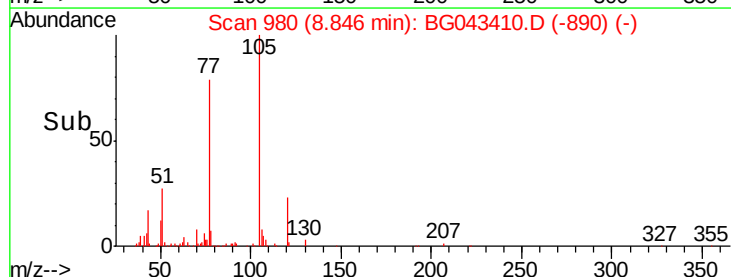


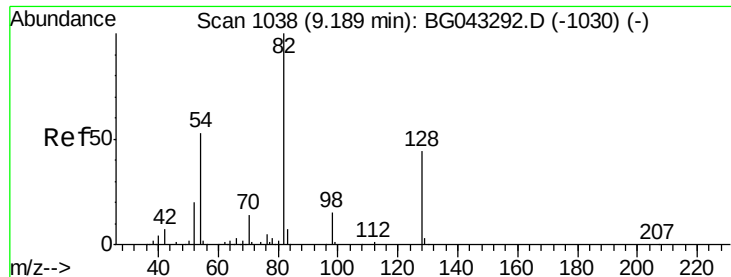
Abundance Ion 105.00 (104.70 to 105.70): E

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

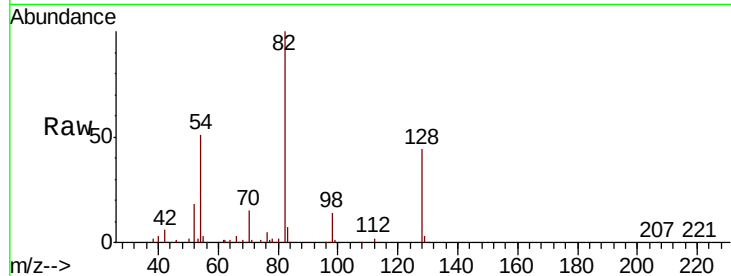




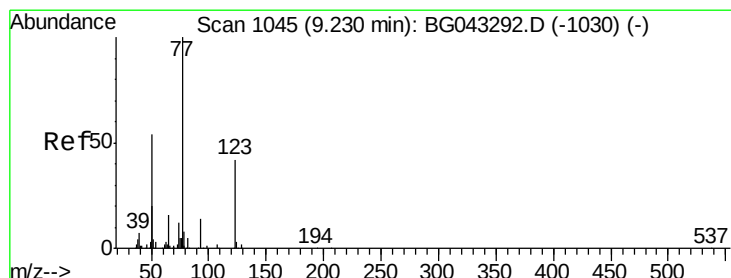
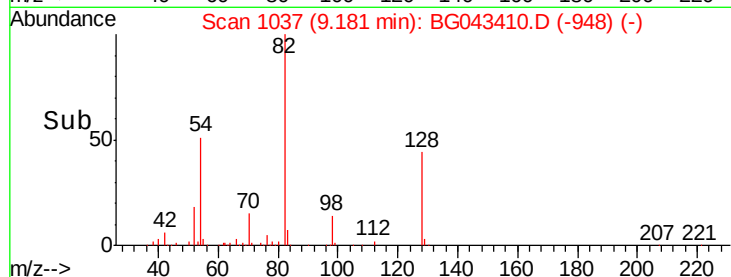
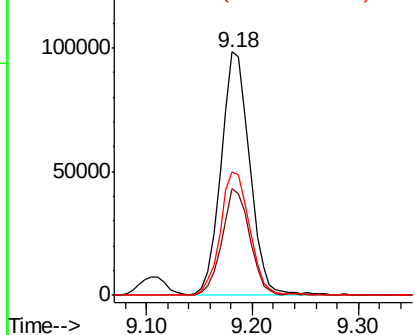
#23
 Nitrobenzene-d5
 Concen: 52.881 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	184567
Ion Ratio	Lower	Upper	
82	100		
128	44.0	35.3	52.9
54	50.9	42.3	63.5

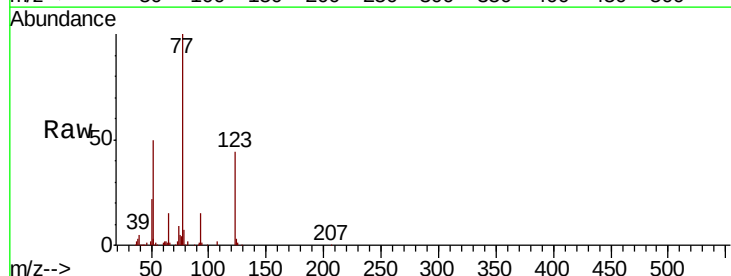


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

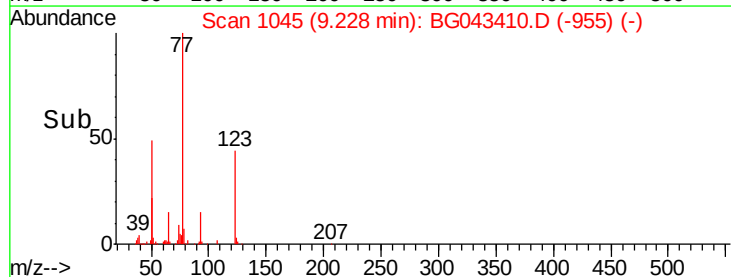
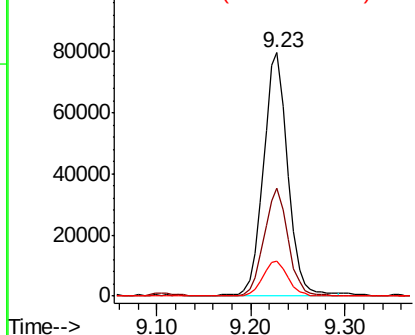


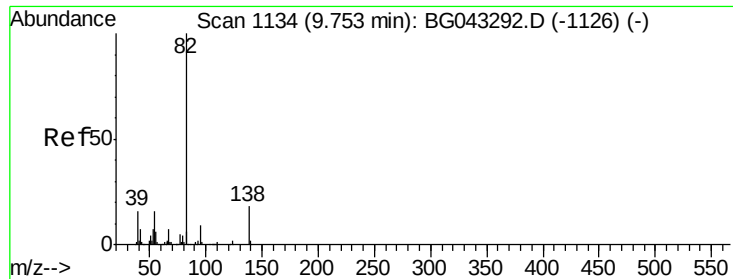
#24
 Nitrobenzene
 Concen: 43.190 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	77	Resp	143601
Ion Ratio	Lower	Upper	
77	100		
123	44.2	33.8	50.8
65	14.5	13.0	19.4



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





#25

Isophorone

Concen: 41.641 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

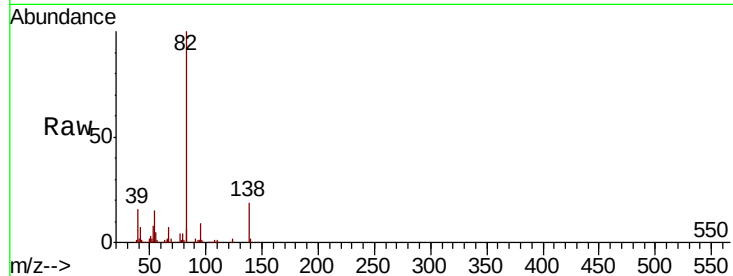
Tot Ion: 82 Resp: 265715

Ion Ratio Lower Upper

82 100

95 8.7 6.9 10.3

138 19.4 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BG043292.D (-1126) (-)

Ion 95.00 (94.70 to 95.70): BG043292.D (-1126) (-)

Ion 138.00 (137.70 to 138.70): BG043292.D (-1126) (-)

9.75

150000

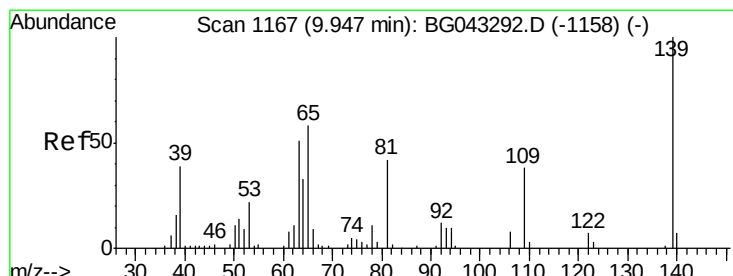
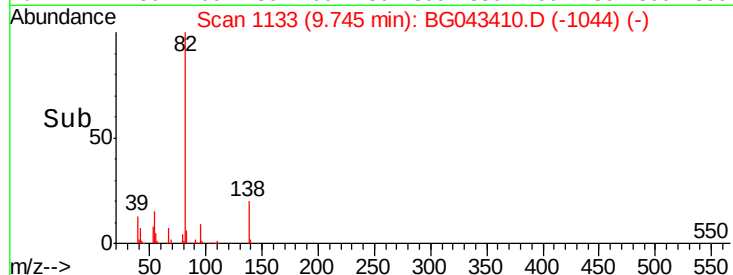
100000

50000

0

9.65 9.70 9.75 9.80

Time-->



#26

2-Nitrophenol

Concen: 47.850 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

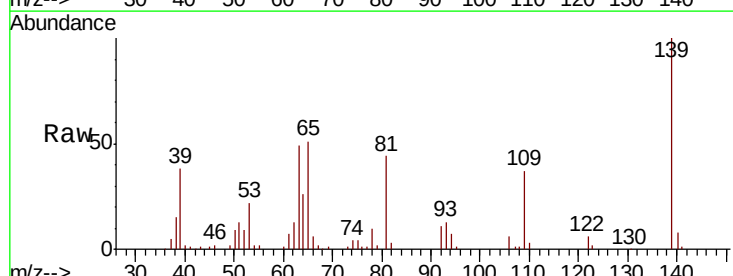
Tgt Ion: 139 Resp: 76808

Ion Ratio Lower Upper

139 100

109 36.8 30.1 45.1

65 51.5 46.1 69.1



Abundance Ion 139.00 (138.70 to 139.70): BG043292.D (-1158) (-)

Ion 109.00 (108.70 to 109.70): BG043292.D (-1158) (-)

Ion 65.00 (64.70 to 65.70): BG043292.D (-1158) (-)

9.94

50000

40000

30000

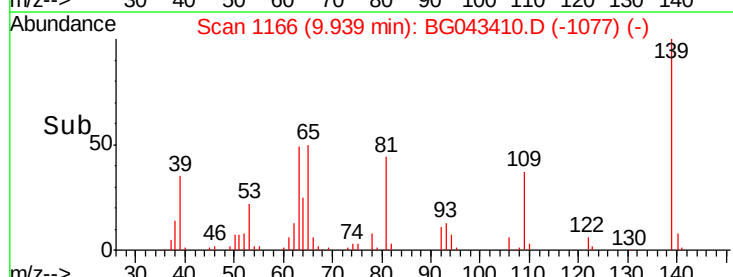
20000

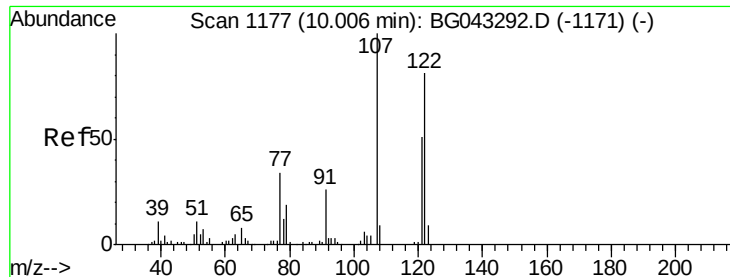
10000

0

9.80 9.90 9.94 10.00 10.10

Time-->

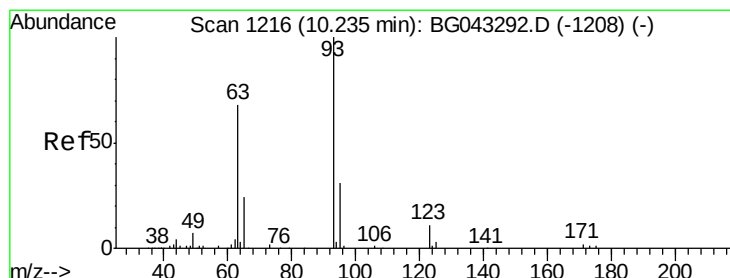
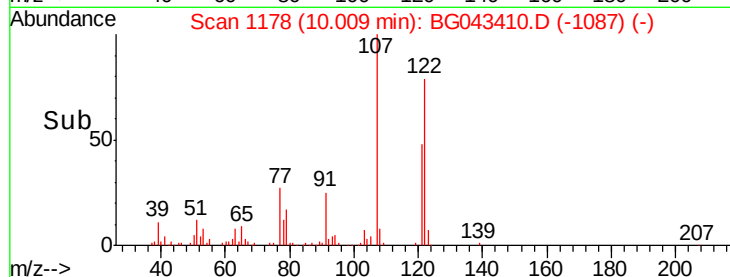
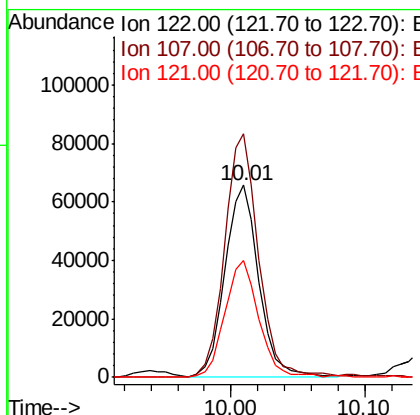
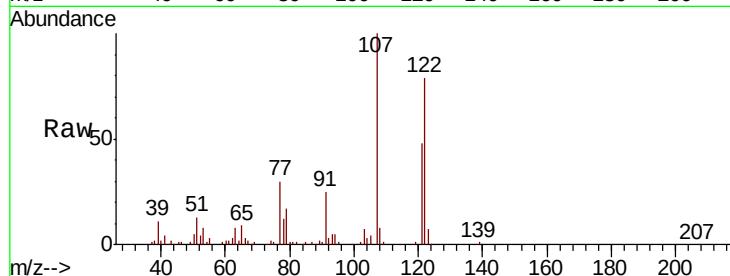




#27
 2,4-Dimethylphenol
 Concen: 50.172 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

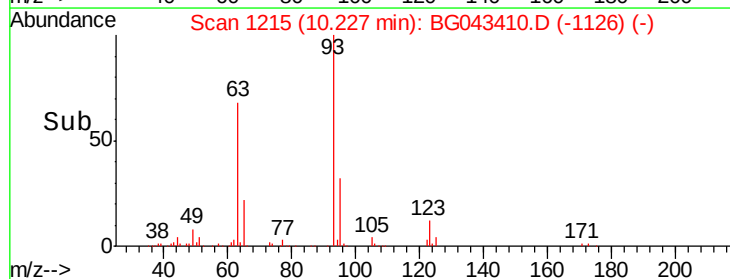
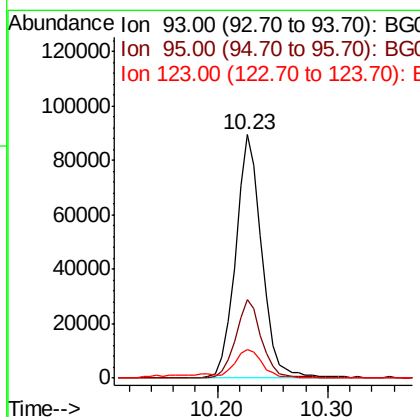
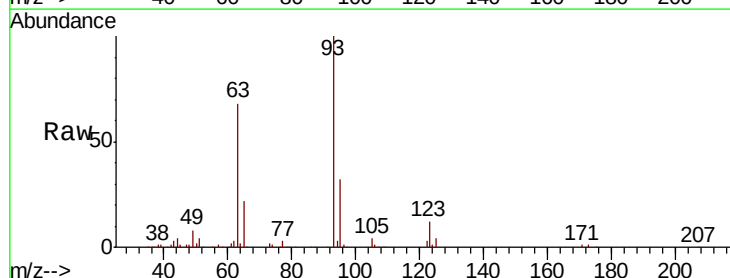
Instrument :
 BNA_G
 ClientSampled :

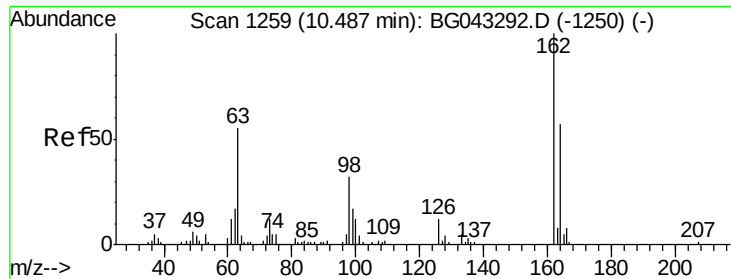
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.8	98.6	147.8
121	61.2	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.049 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.9	37.3
123	11.8	8.9	13.3

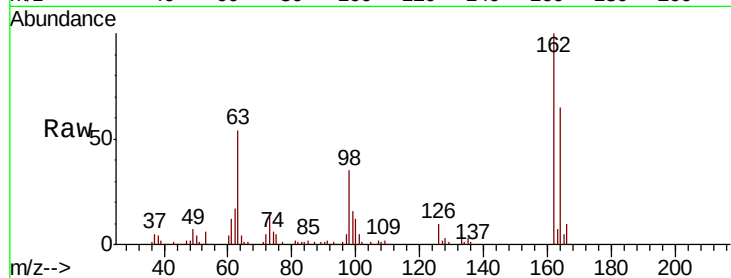




#29
 2,4-Dichlorophenol
 Concen: 46.848 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	138098
Ion	Ratio	Lower	Upper
162	100		
164	64.5	37.3	77.3
98	34.9	11.8	51.8

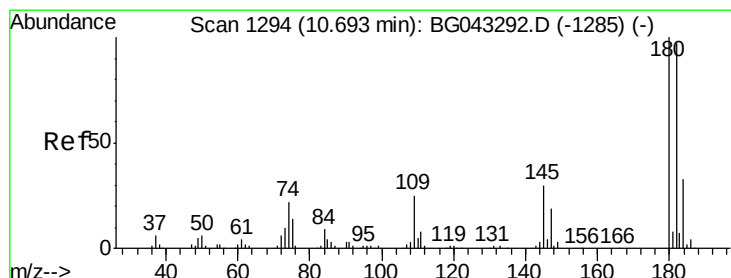
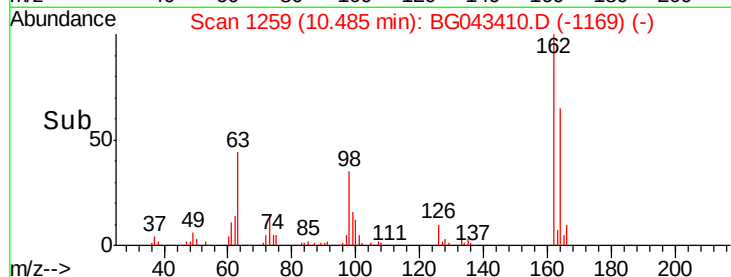
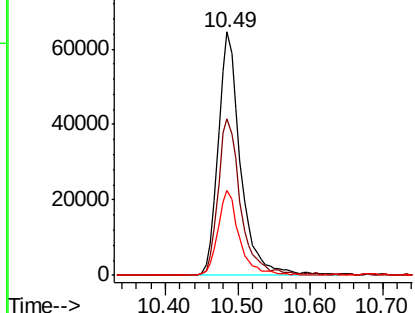


Abundance

Ion 162.00 (161.70 to 162.70): E

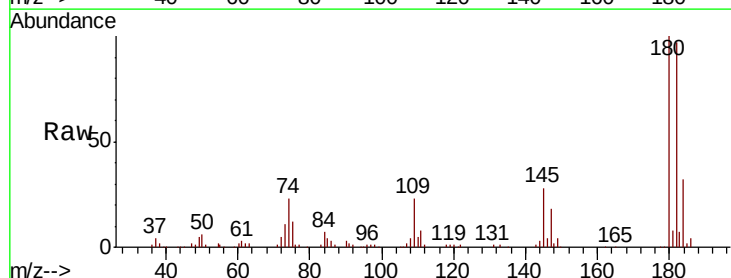
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 41.919 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	180	Resp	155741
Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.8	116.8
145	27.8	23.6	35.4

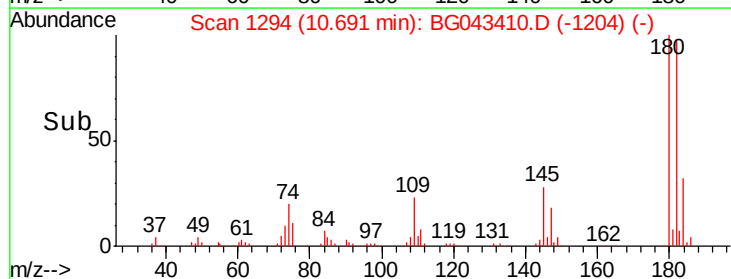
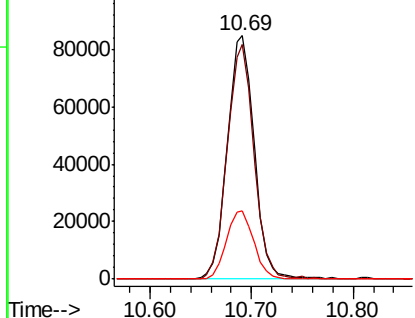


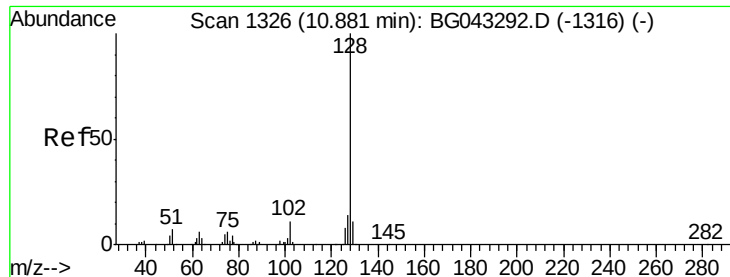
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

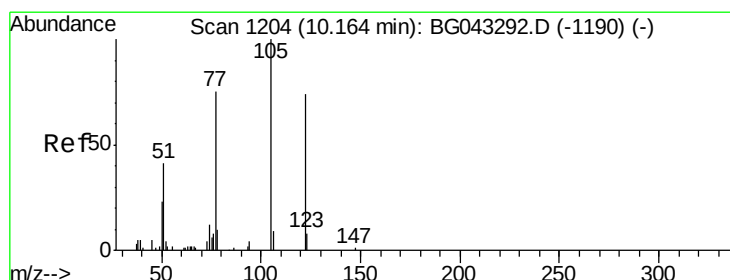
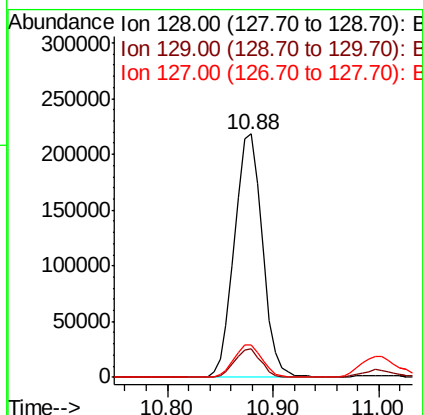
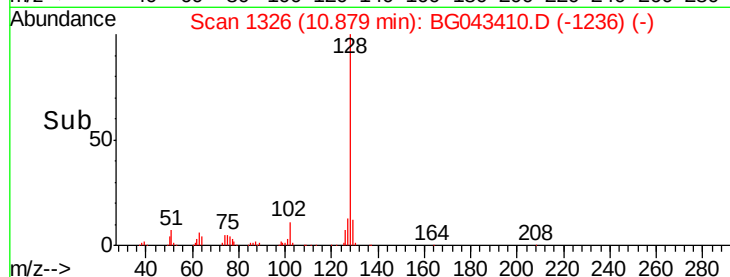
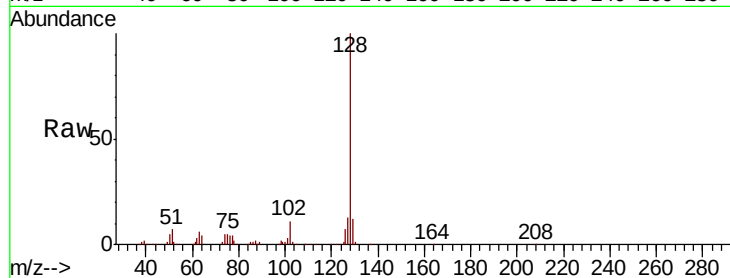




#31
Naphthalene
Concen: 43.989 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

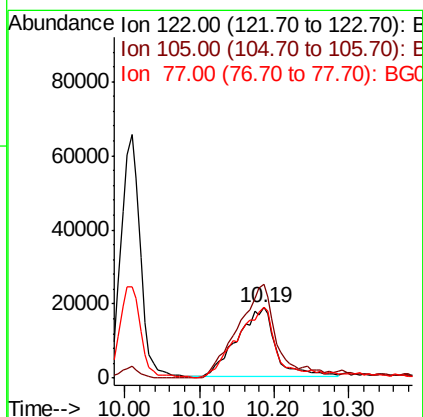
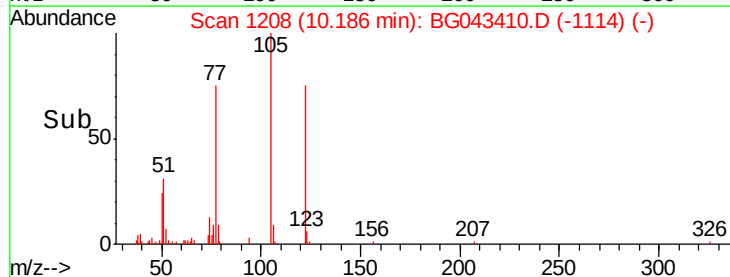
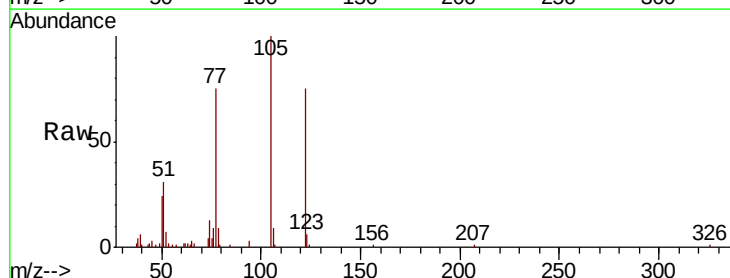
Instrument :
BNA_G
ClientSampled :

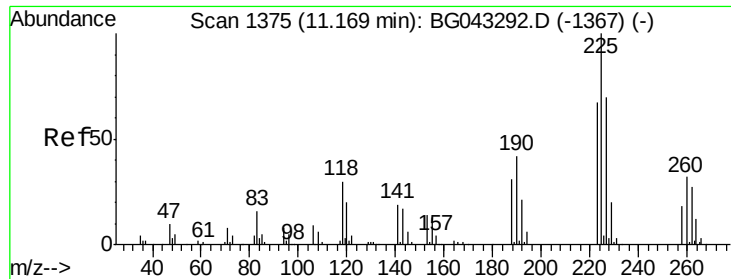
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	13.4	11.5	17.3



#32
Benzoic acid
Concen: 39.820 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.6	112.4	152.4
77	100.1	82.7	122.7

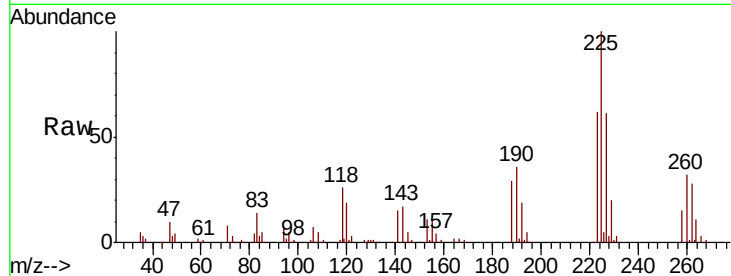




#34
Hexachlorobutadiene
Concen: 39.751 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.0	53.2	79.8
227	60.6	56.2	84.2

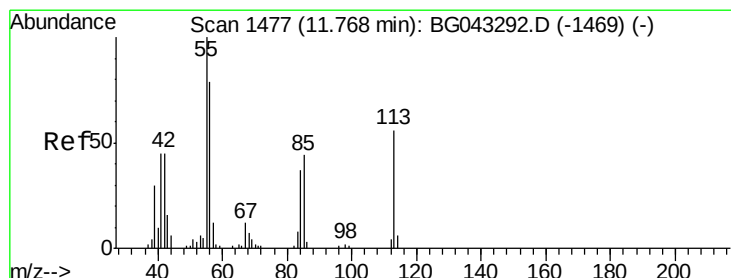
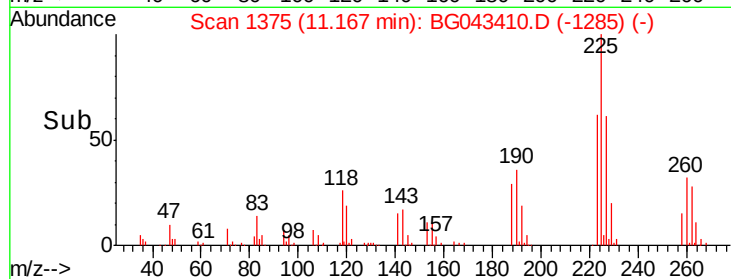
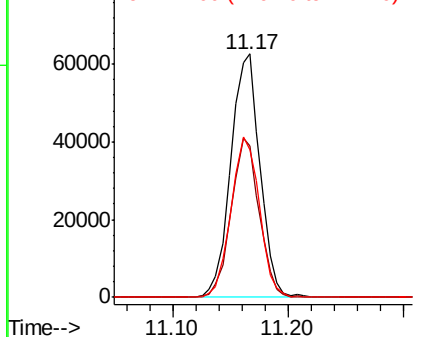


Abundance

Ion 225.00 (224.70 to 225.70): E

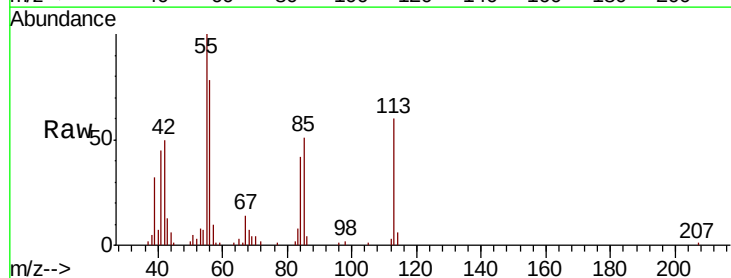
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 23.035 ng
RT: 11.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
113	100		
55	165.8	158.9	198.9
56	129.0	121.4	161.4

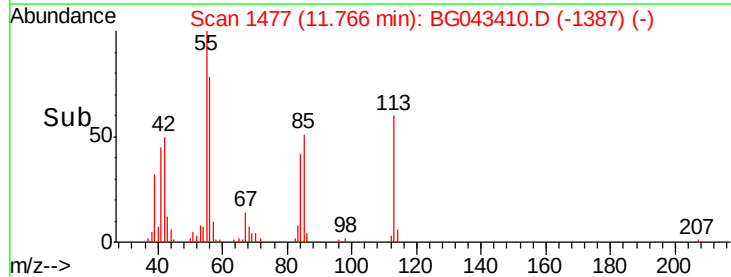
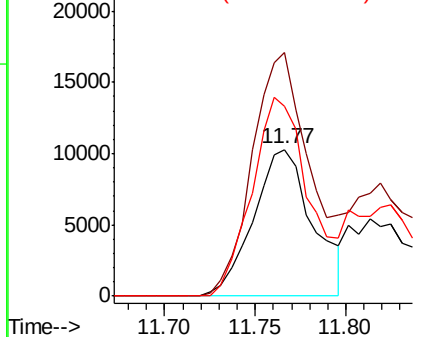


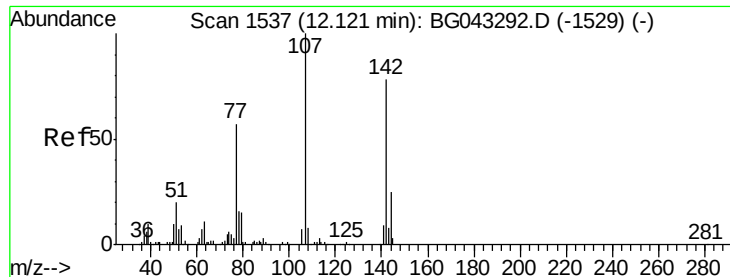
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

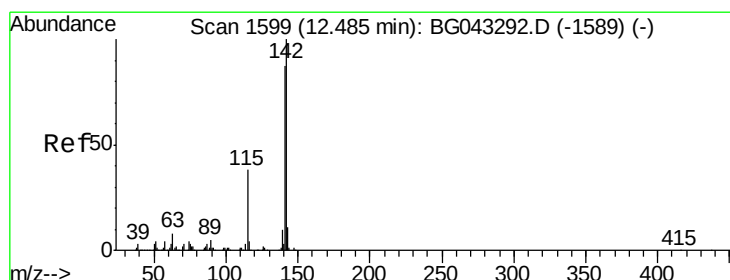
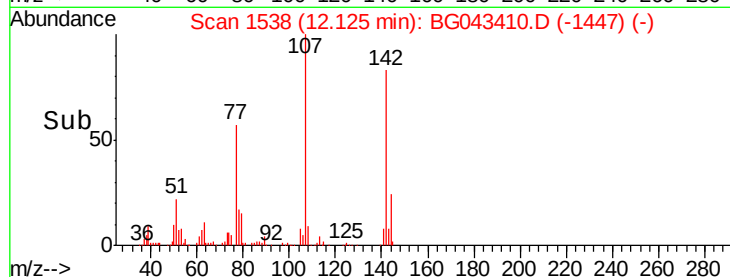
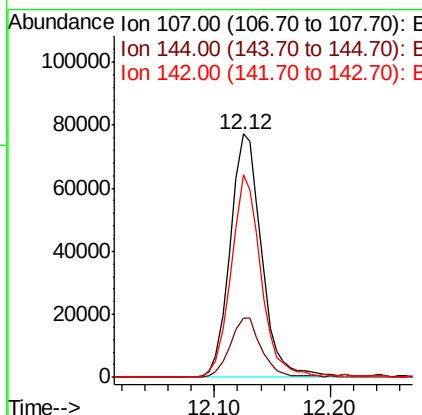
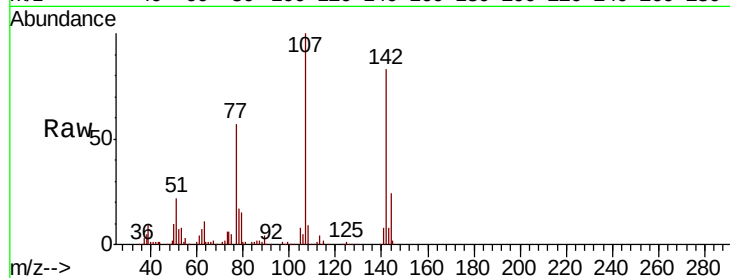




#36
 4-Chloro-3-methylphenol
 Concen: 45.290 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

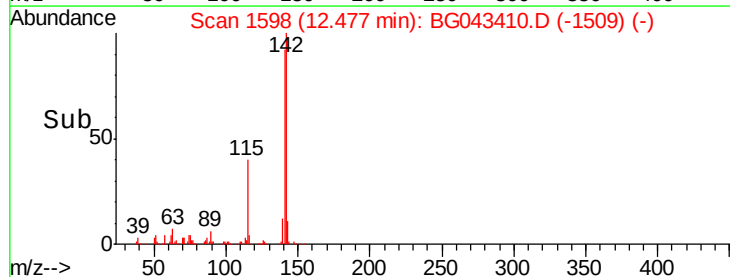
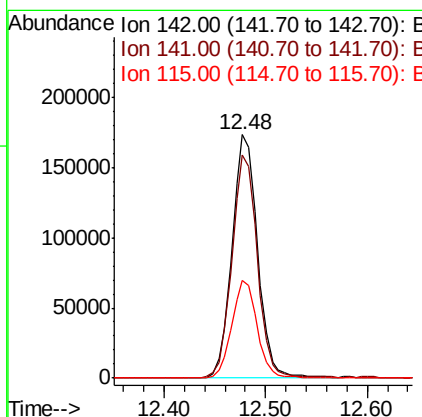
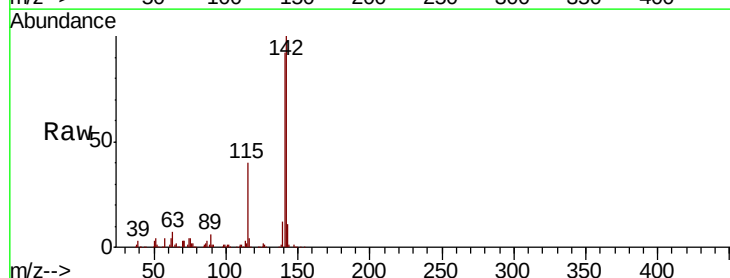
Instrument :
 BNA_G
 ClientSampled :

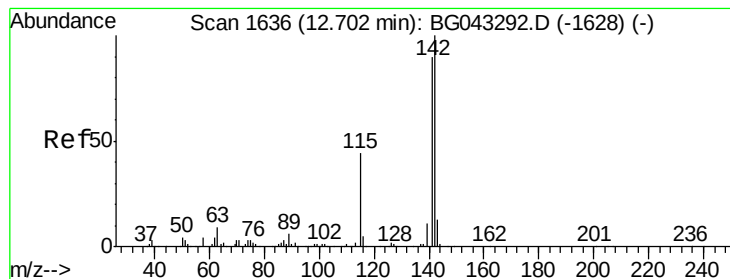
Tot Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.9	29.9
142	83.0	62.1	93.1



#37
 2-Methylnaphthalene
 Concen: 43.250 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	69.7	104.5
115	40.1	30.6	46.0





#38

1-Methylnaphthalene

Concen: 43.726 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

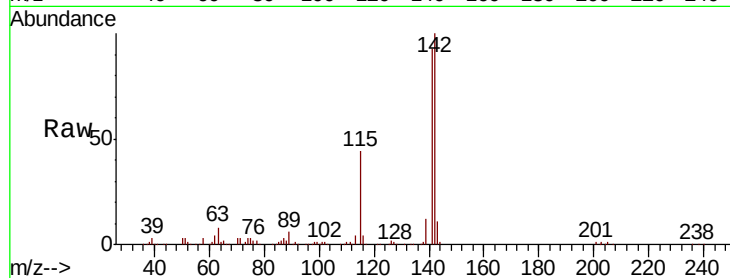
Tot Ion:142 Resp: 291566

Ion Ratio Lower Upper

142 100

141 92.5 72.3 108.5

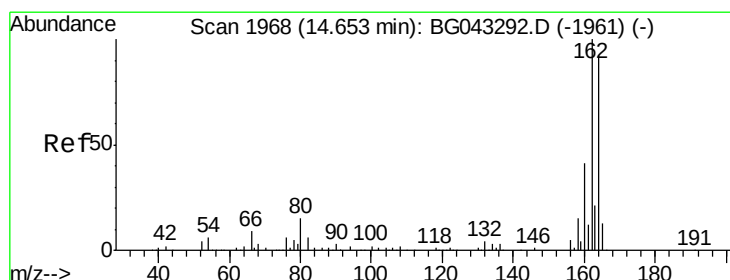
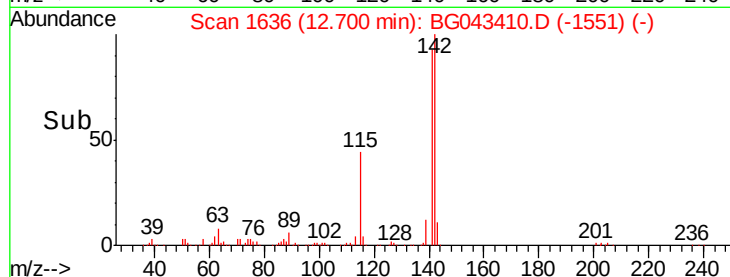
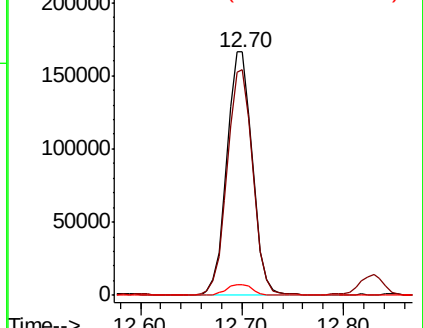
116 4.4 3.8 5.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

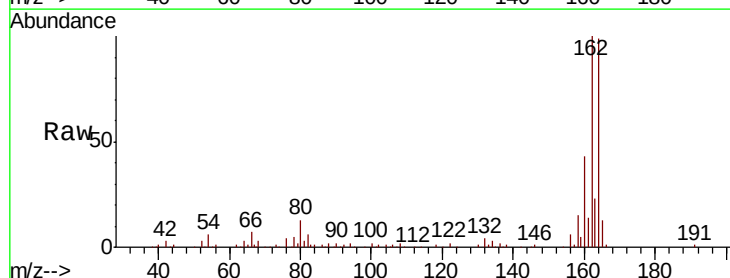
Tgt Ion:164 Resp: 127355

Ion Ratio Lower Upper

164 100

162 100.7 87.0 130.4

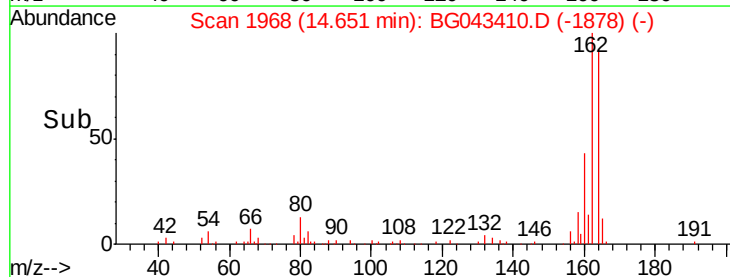
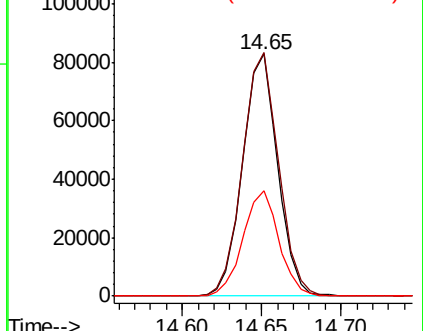
160 43.4 35.5 53.3

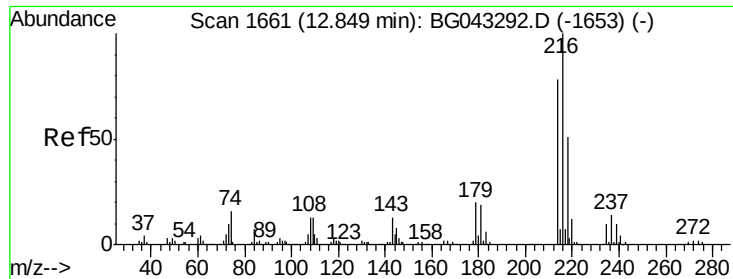


Abundance Ion 164.00 (163.70 to 164.70): E

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: 41.857 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 197280

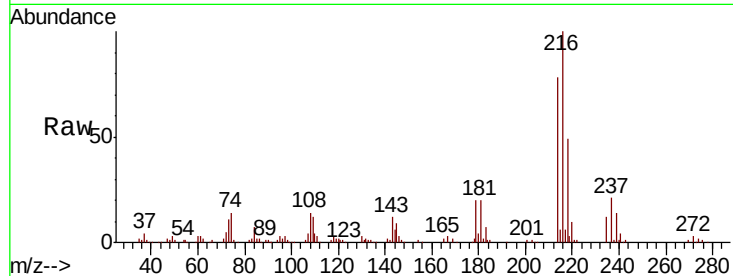
Ion Ratio Lower Upper

216 100

214 80.3 63.5 95.3

179 20.0 16.2 24.2

108 15.6 11.2 16.8

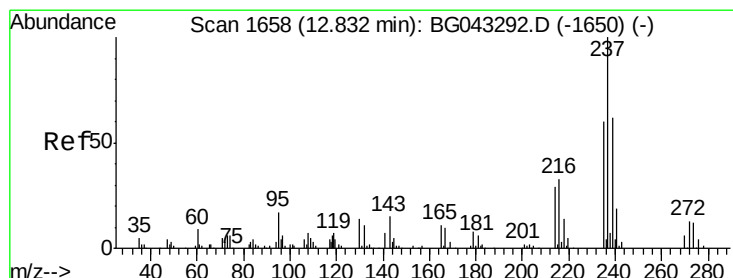
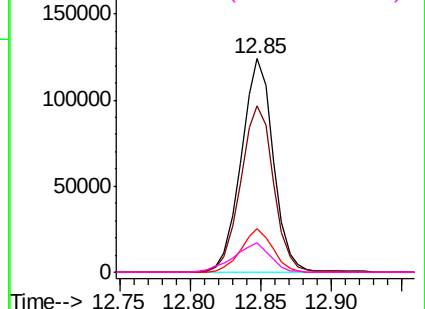
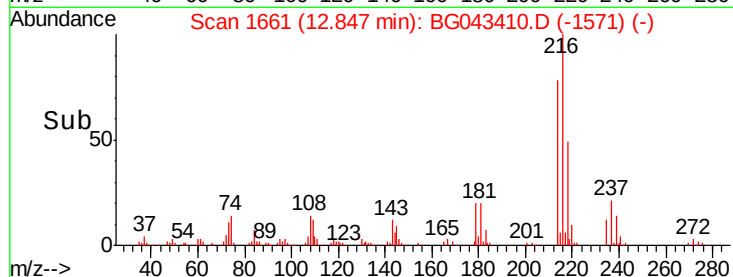


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.845 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

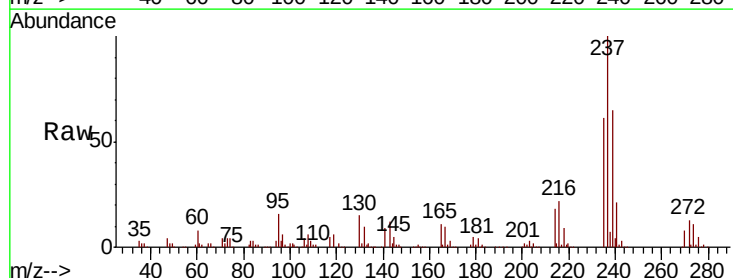
Tgt Ion:237 Resp: 229873

Ion Ratio Lower Upper

237 100

235 61.1 40.3 80.3

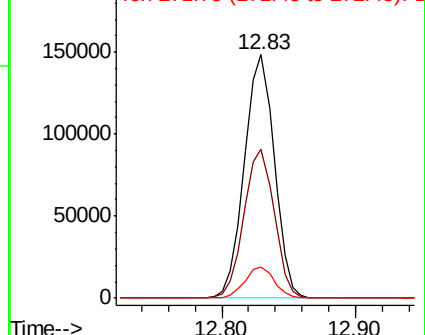
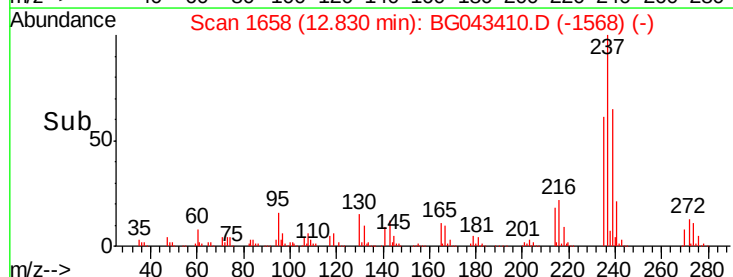
272 13.0 0.0 32.9

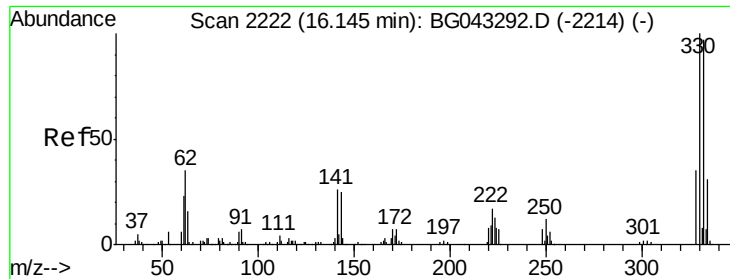


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

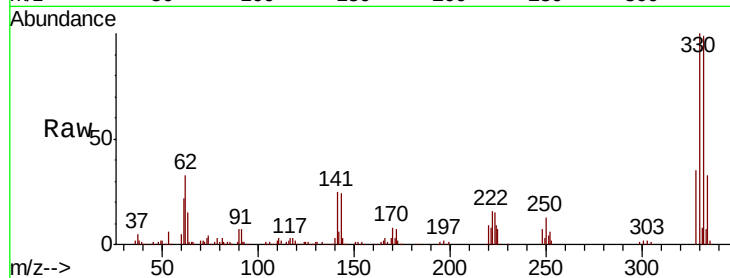




#42
 2,4,6-Tribromophenol
 Concen: 76.576 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	330	Resp	185587
Ion Ratio	100		
Lower	76.4		
Upper	114.6		
332	97.1		
141	28.4		
	21.4		
	32.0		

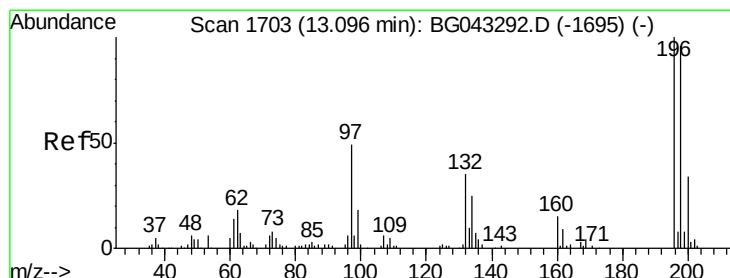
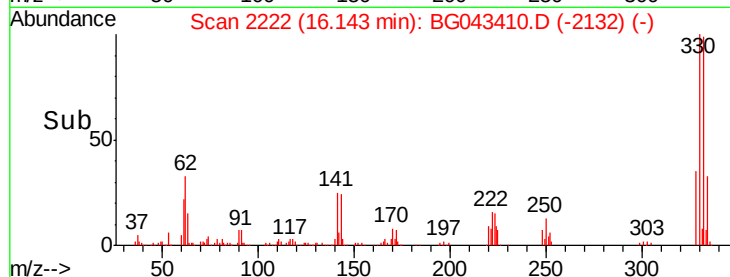
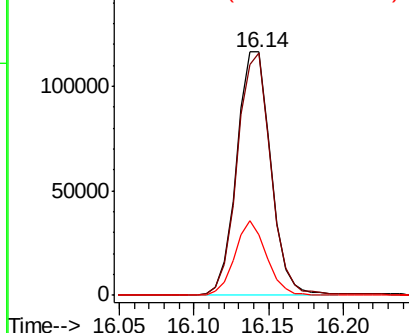


Abundance

Ion 329.80 (329.50 to 330.50): E

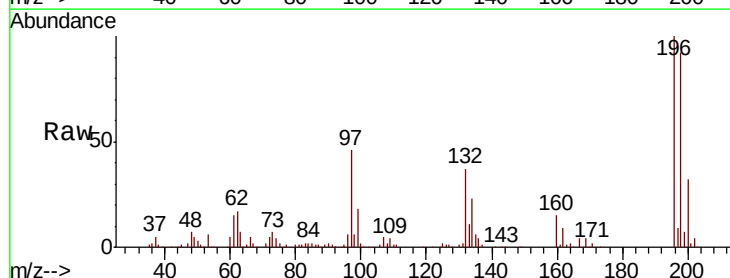
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 46.152 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	196	Resp	128102
Ion Ratio	100		
Lower	77.0		
Upper	115.4		
198	91.6		
200	31.6		
	27.4		
	41.2		

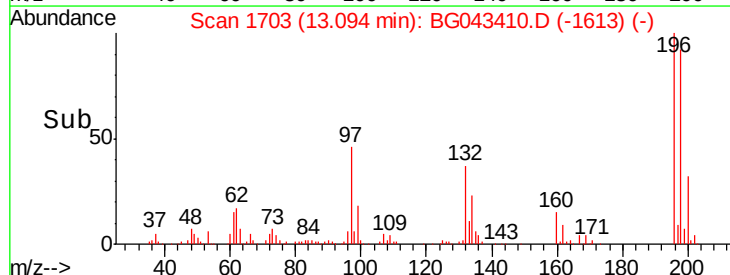
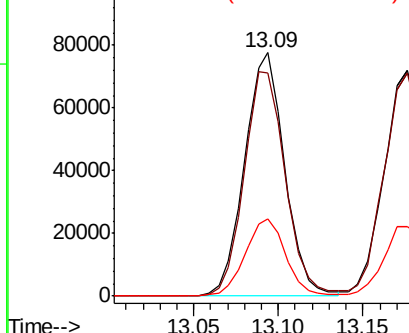


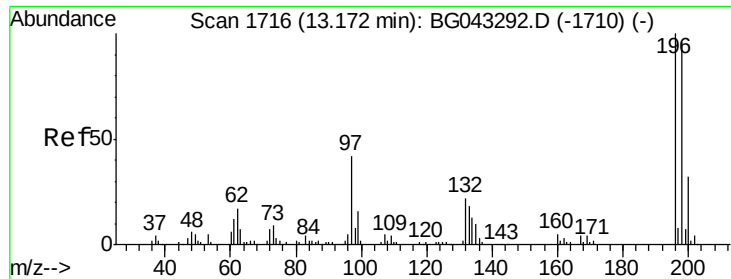
Abundance

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

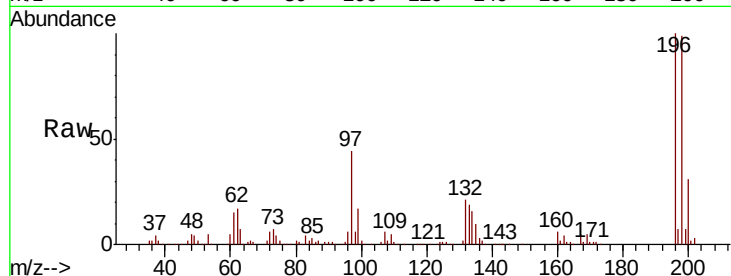




#44
 2,4,5-Trichlorophenol
 Concen: 48.630 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	136463
Ion Ratio	Lower	Upper	
196	100		
198	99.3	76.6	114.8
97	43.5	34.1	51.1
132	21.4	18.2	27.4



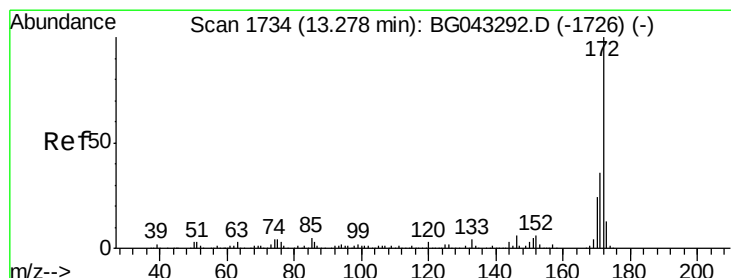
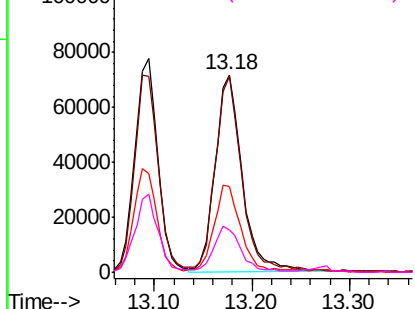
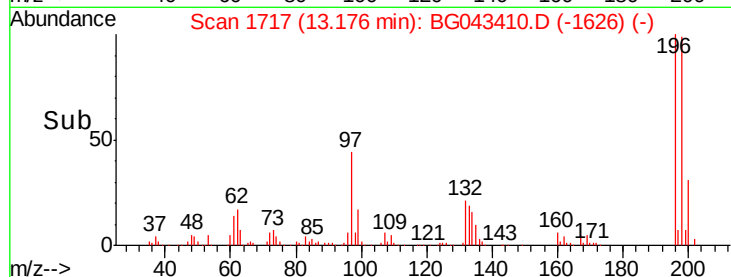
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

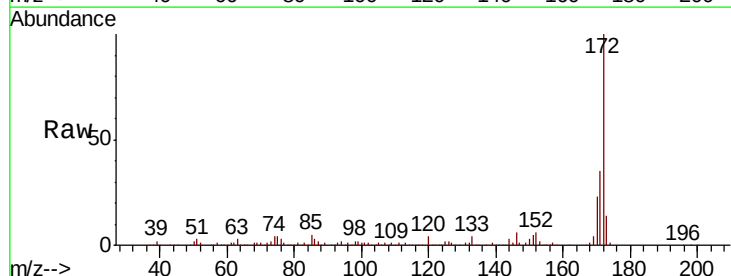
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 55.143 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	172	Resp	508231
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.5	42.7
170	22.8	18.8	28.2

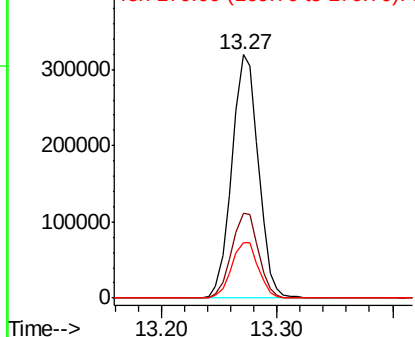
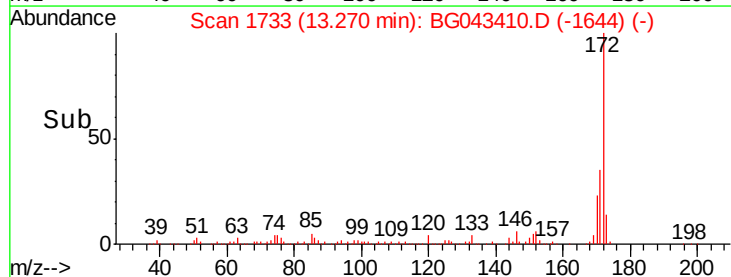


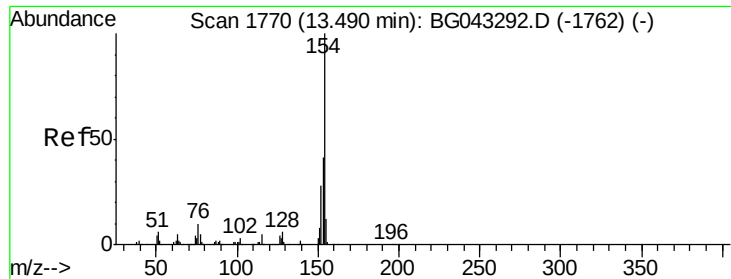
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

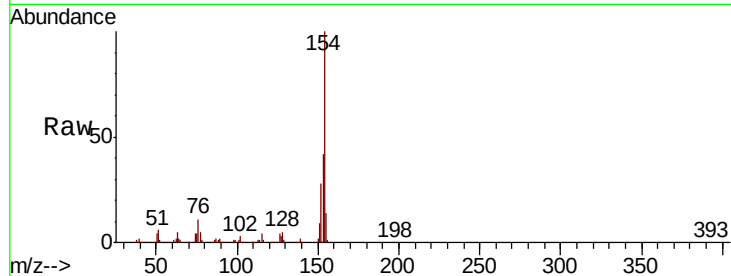




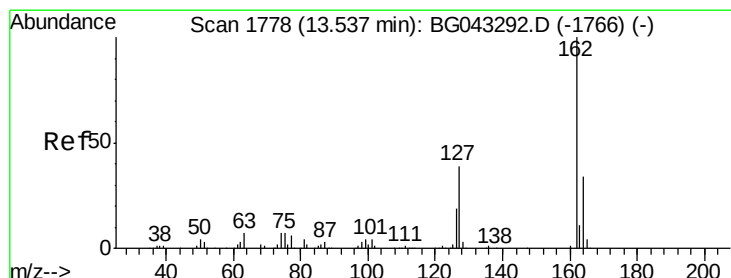
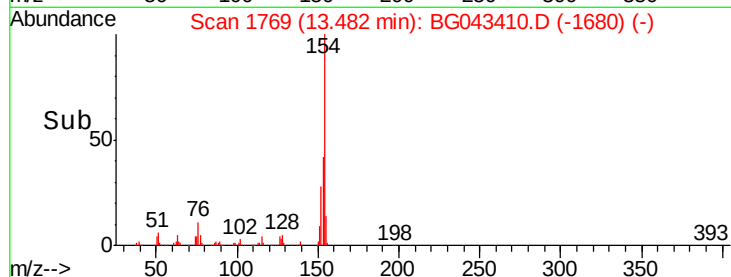
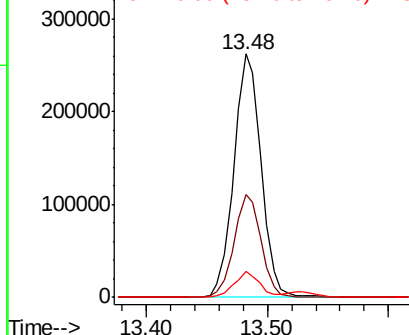
#46
 1,1'-Biphenyl
 Concen: 42.422 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.0	61.0
76	10.5	0.0	29.8

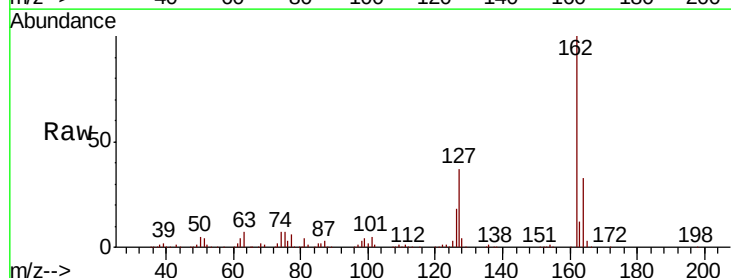


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

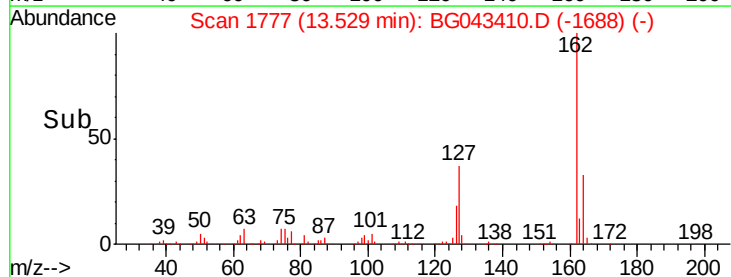
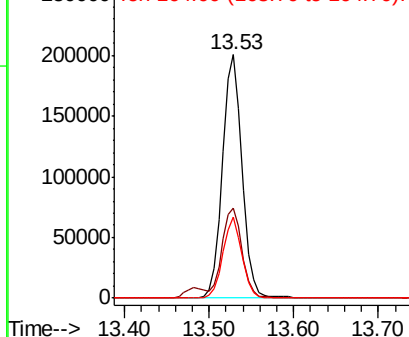


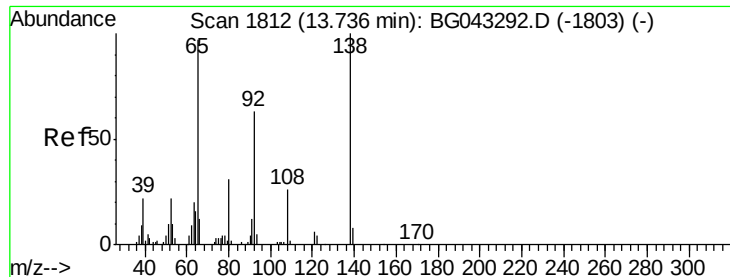
#47
 2-Chloronaphthalene
 Concen: 43.656 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.3	46.9
164	33.4	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

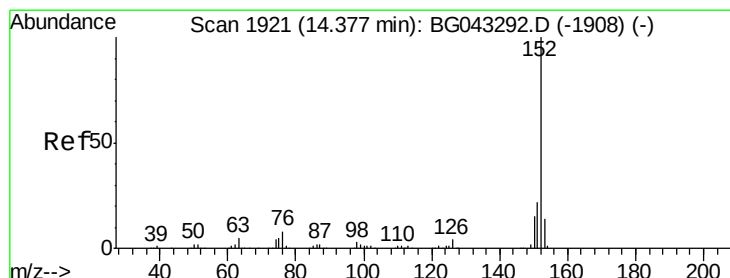
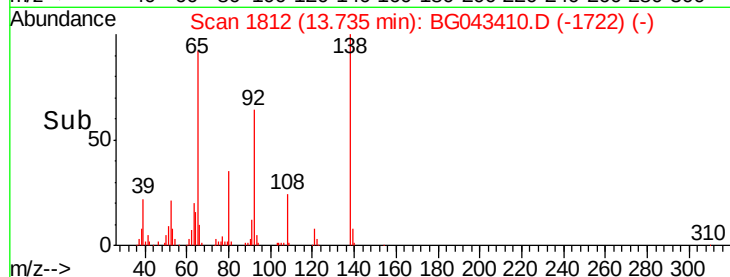
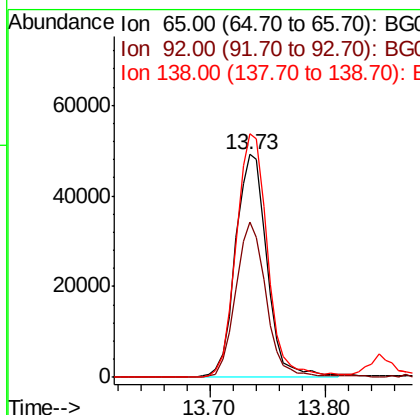
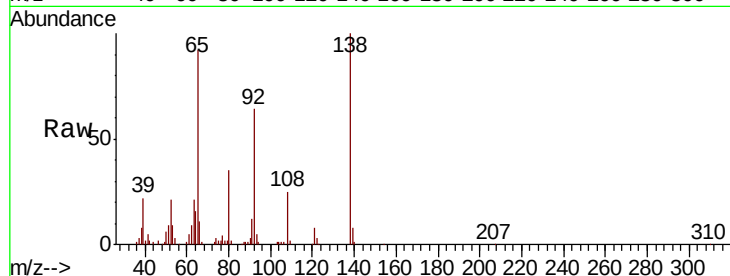




#48
2-Nitroaniline
Concen: 42.252 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

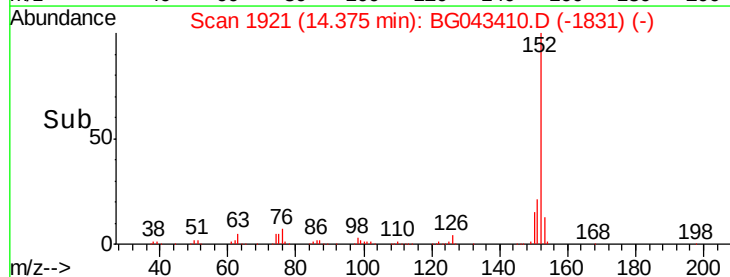
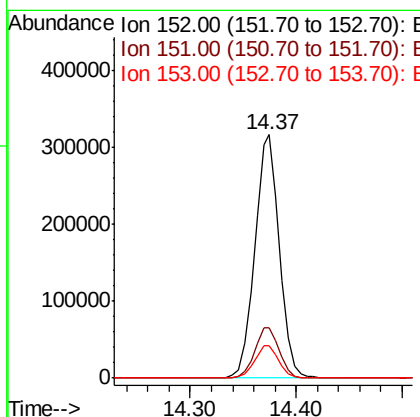
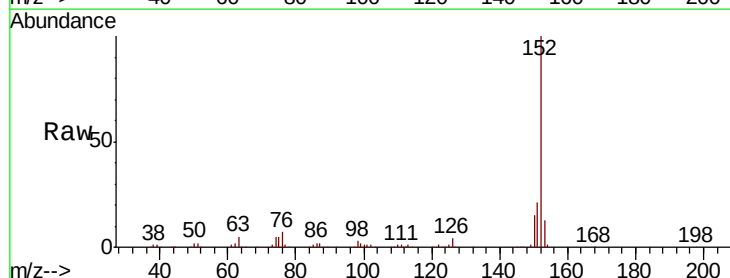
Instrument :
BNA_G
ClientSampleId :

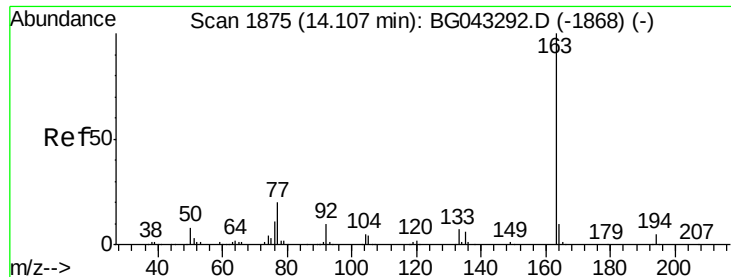
Tot Ion	Ratio	Lower	Upper
65	100		
92	69.5	52.6	79.0
138	109.2	82.9	124.3



#49
Acenaphthylene
Concen: 44.585 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.2	25.8
153	13.2	11.0	16.6





#50

Dimethylphthalate

Concen: 49.373 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

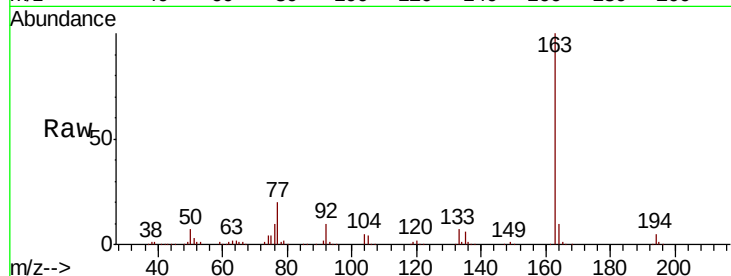
Tot Ion:163 Resp: 487046

Ion Ratio Lower Upper

163 100

194 5.1 3.7 5.5

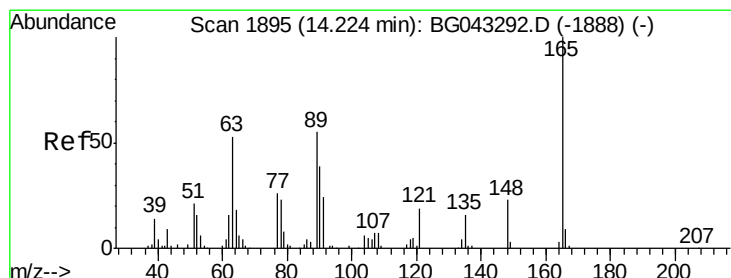
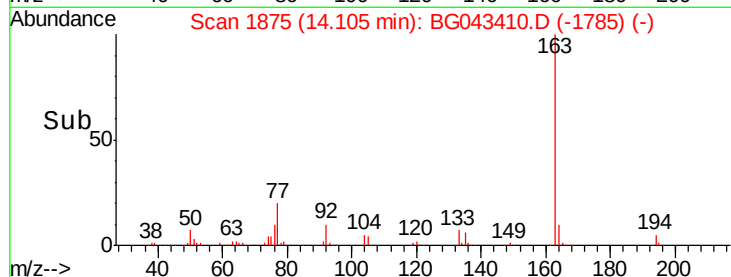
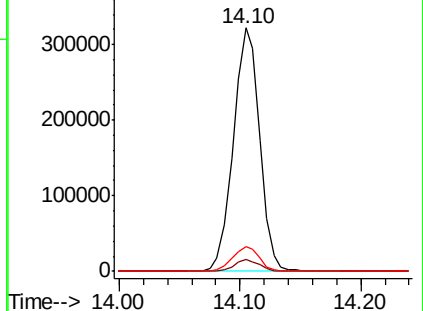
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 42.972 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

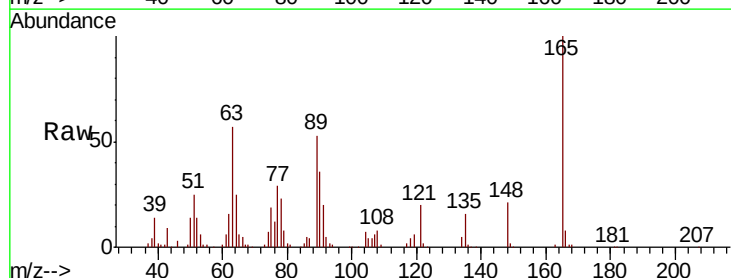
Tgt Ion:165 Resp: 92090

Ion Ratio Lower Upper

165 100

63 57.1 47.1 70.7

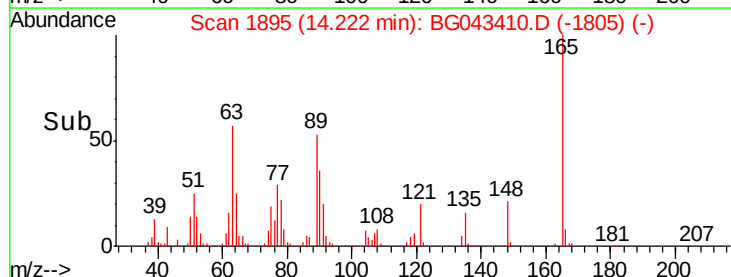
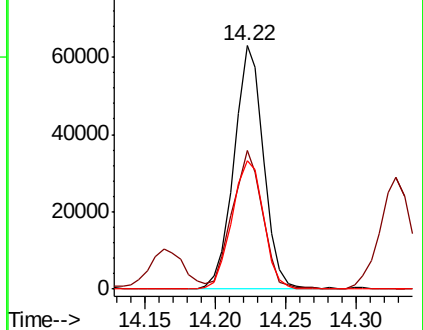
89 53.0 43.7 65.5

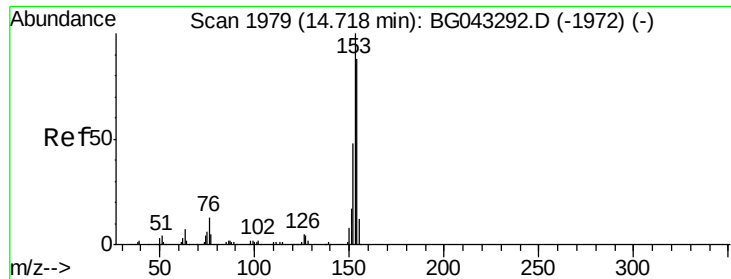


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#52

Acenaphthene

Concen: 44.140 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

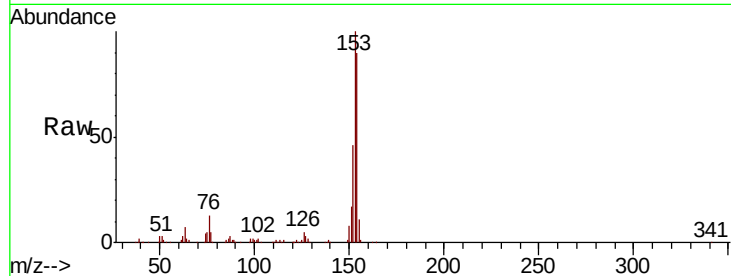
Tot Ion:154 Resp: 308832

Ion Ratio Lower Upper

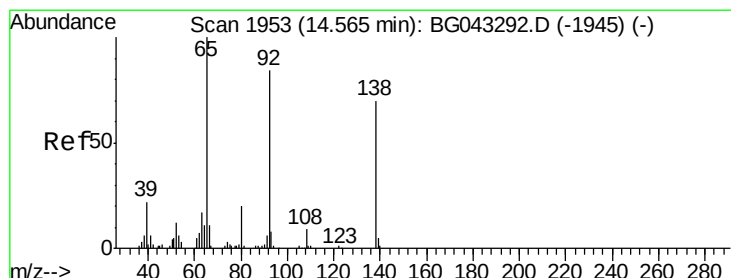
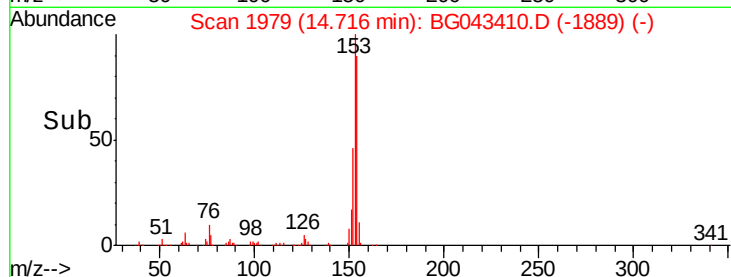
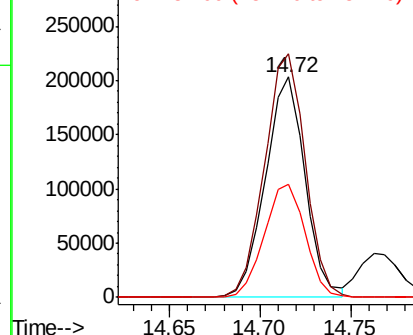
154 100

153 110.7 90.9 136.3

152 51.4 43.9 65.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 24.277 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

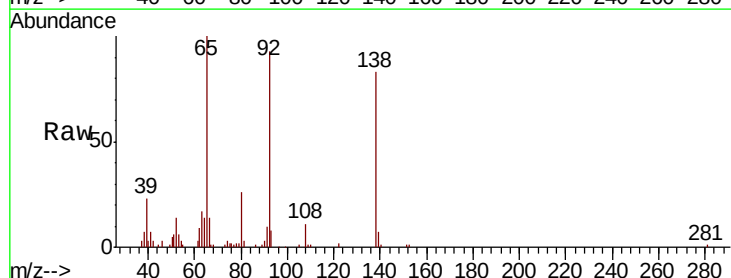
Tgt Ion:138 Resp: 50231

Ion Ratio Lower Upper

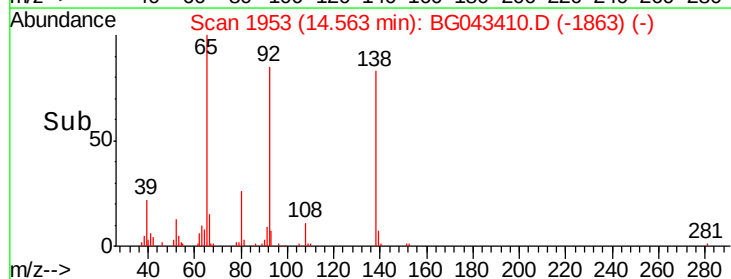
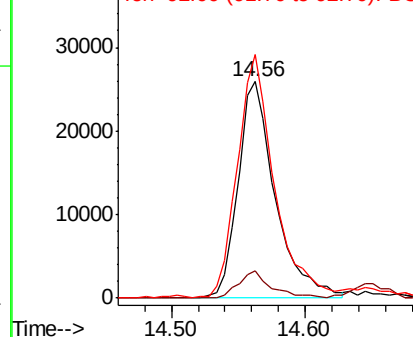
138 100

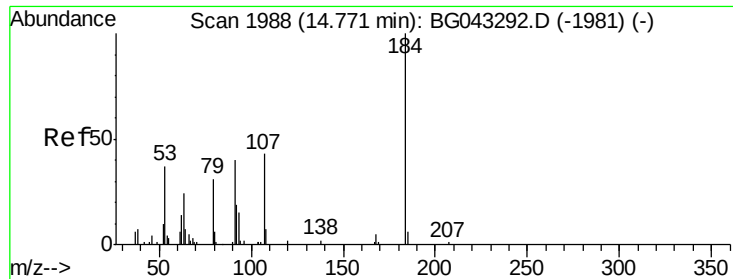
108 12.7 9.8 14.6

92 112.5 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

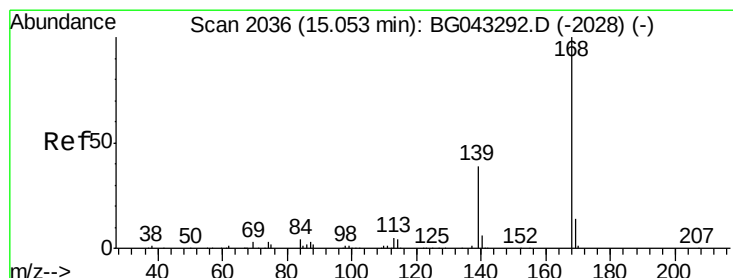
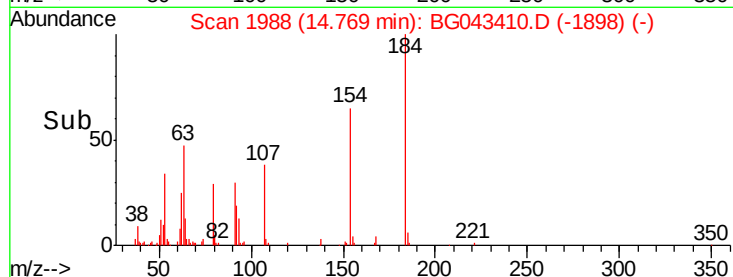
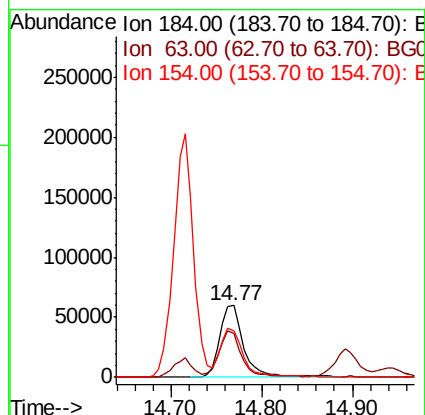
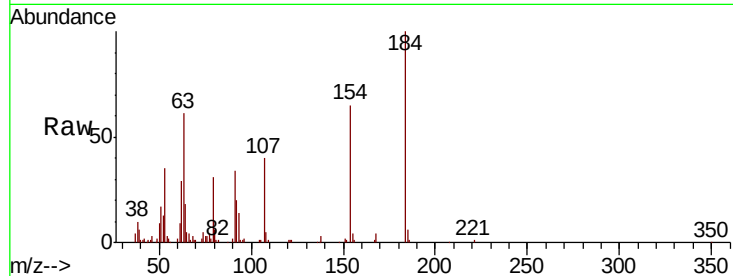




#54
2,4-Dinitrophenol
Concen: 82.119 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

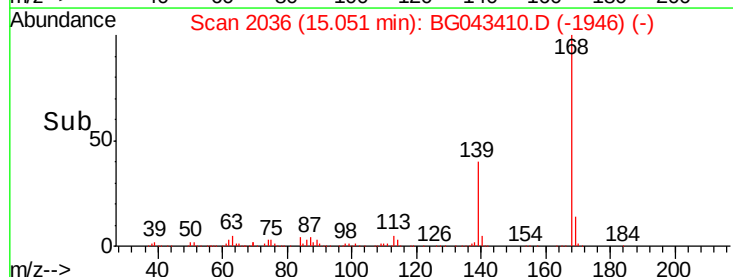
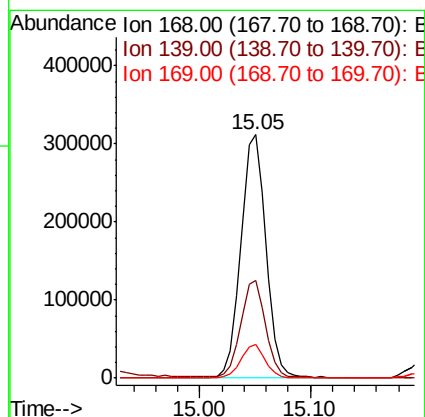
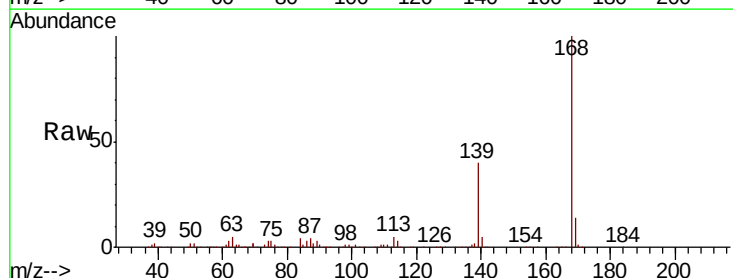
Instrument :
BNA_G
ClientSampled :

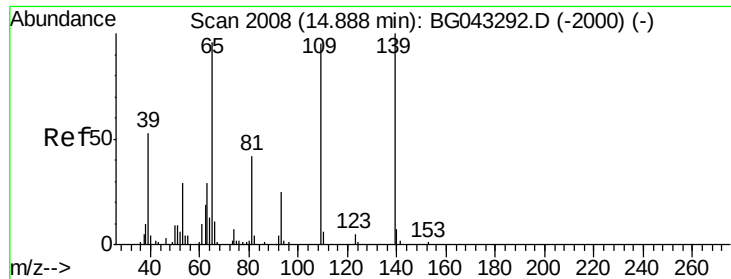
Tot Ion:184 Resp: 110178
Ion Ratio Lower Upper
184 100
63 60.5 48.8 73.2
154 64.7 49.4 74.0



#55
Dibenzofuran
Concen: 44.065 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion:168 Resp: 499966
Ion Ratio Lower Upper
168 100
139 40.2 31.7 47.5
169 13.7 11.0 16.4





#56

4-Nitrophenol

Concen: 103.116 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

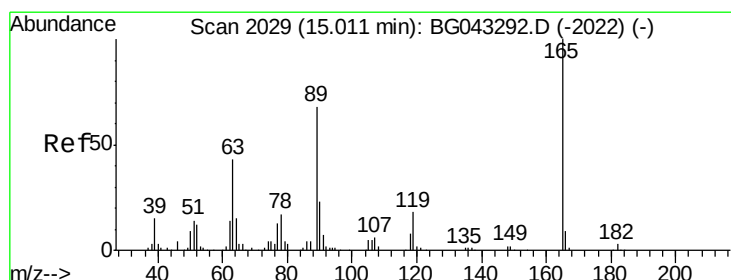
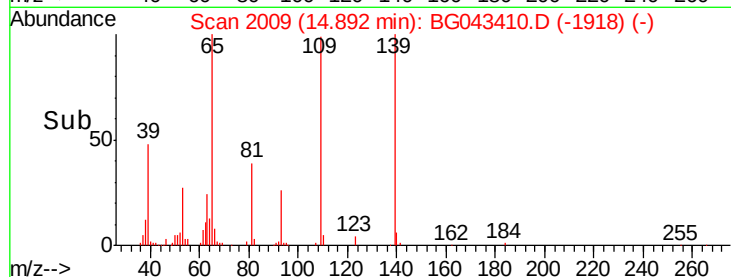
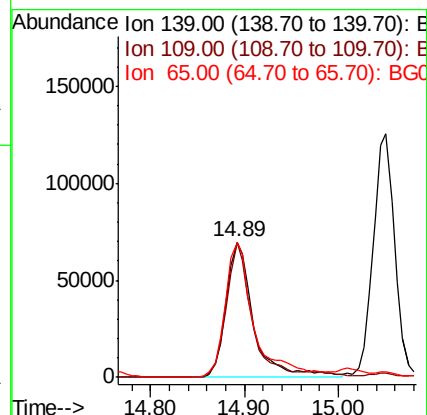
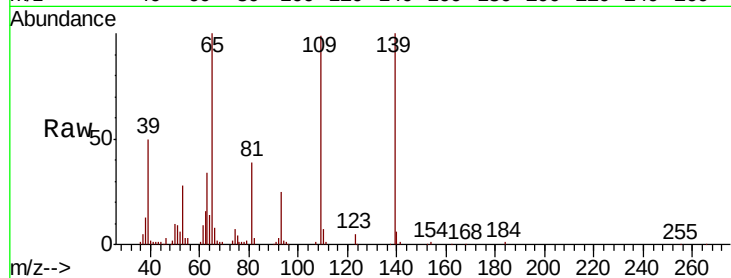
Tot Ion:139 Resp: 142975

Ion Ratio Lower Upper

139 100

109 99.7 75.4 115.4

65 100.3 76.6 116.6



#57

2,4-Dinitrotoluene

Concen: 43.780 ng

RT: 15.01 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Tgt Ion:165 Resp: 134083

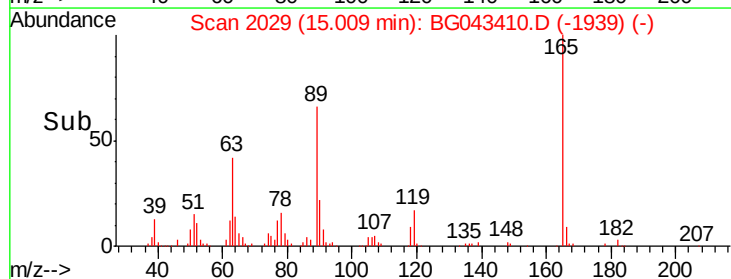
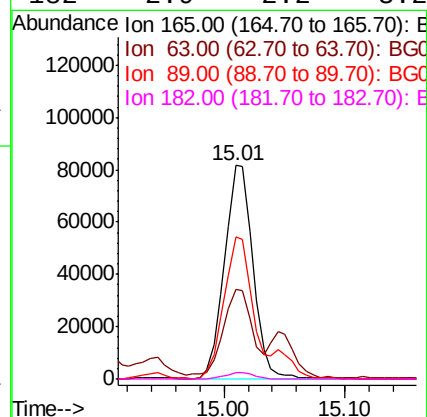
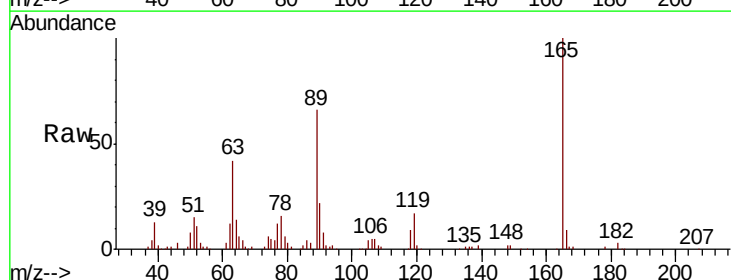
Ion Ratio Lower Upper

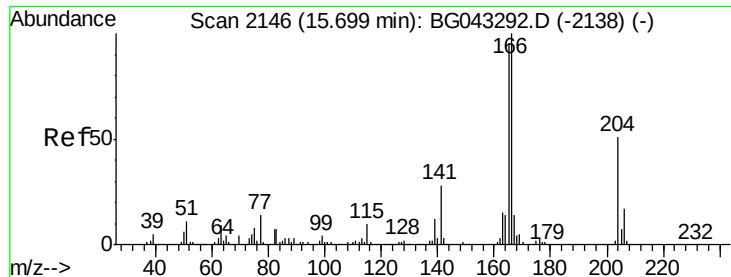
165 100

63 42.0 35.0 52.6

89 66.4 54.1 81.1

182 2.9 2.2 3.2

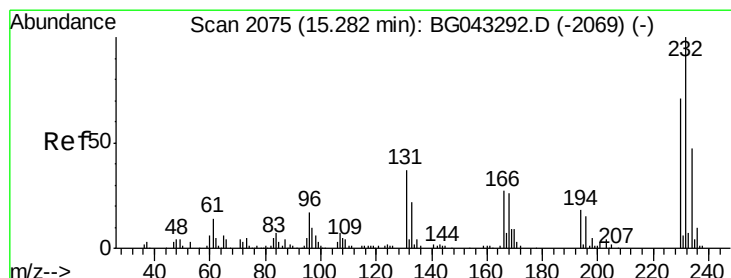
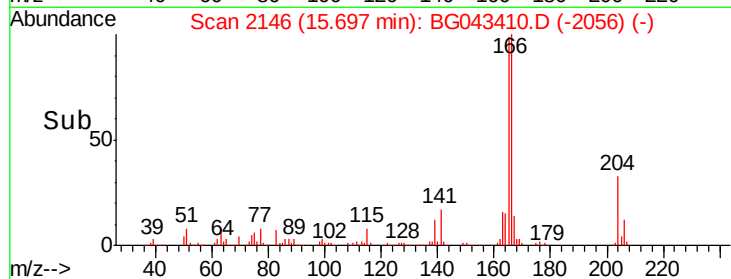
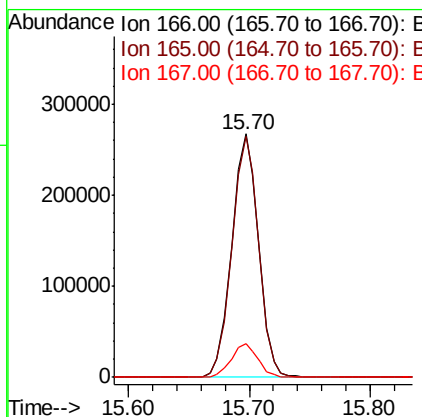
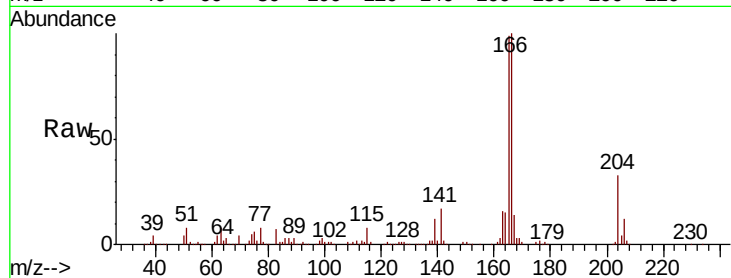




#58
 Fluorene
 Concen: 43.322 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

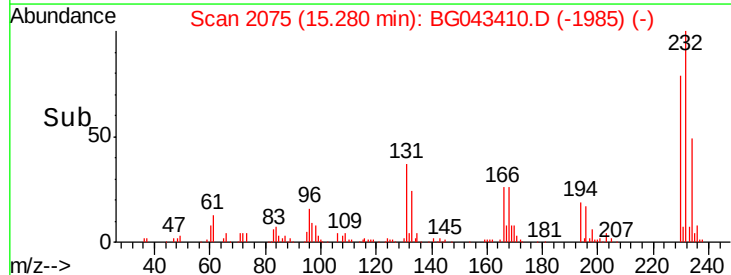
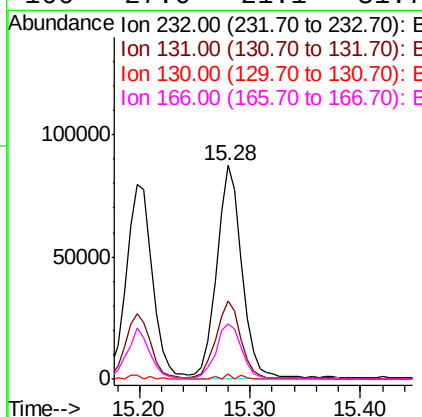
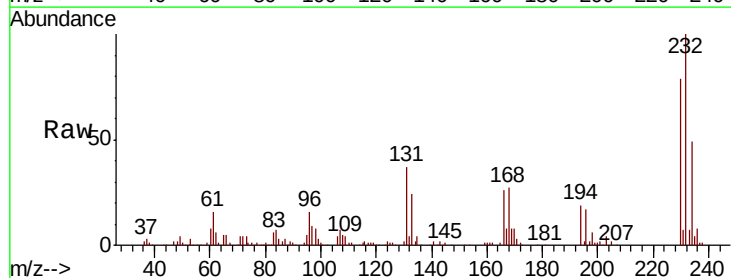
Instrument :
 BNA_G
 ClientSampleId :

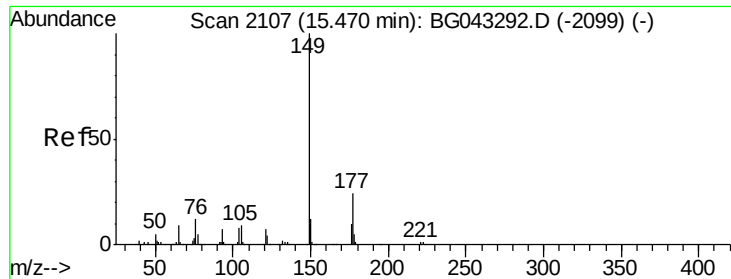
Tot Ion:166 Resp: 412262
 Ion Ratio Lower Upper
 166 100
 165 98.9 76.4 114.6
 167 14.1 11.1 16.7



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.032 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion:232 Resp: 137240
 Ion Ratio Lower Upper
 232 100
 131 35.6 28.7 43.1
 130 1.5 0.6 0.8#
 166 27.6 21.1 31.7





#60

Diethylphthalate

Concen: 41.618 ng

RT: 15.46 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

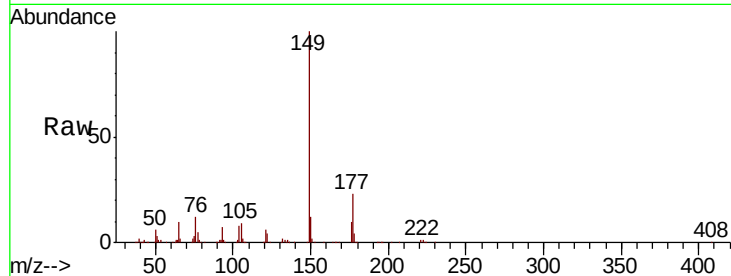
Tot Ion:149 Resp: 412506

Ion Ratio Lower Upper

149 100

177 22.8 19.0 28.4

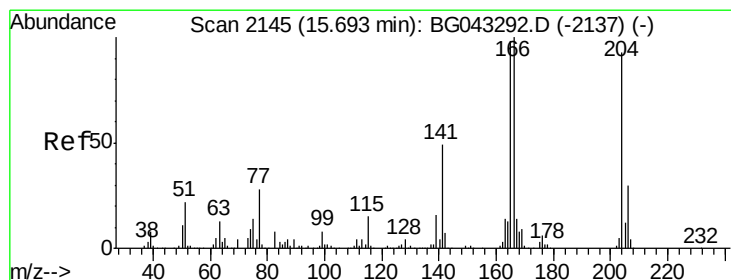
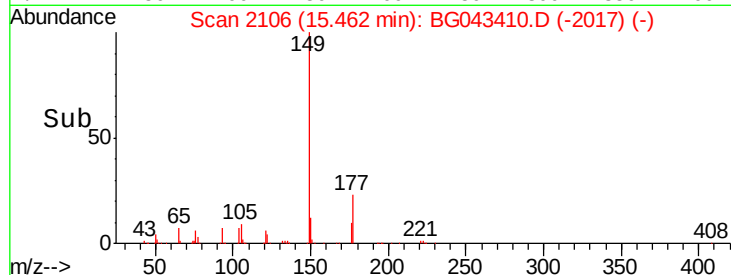
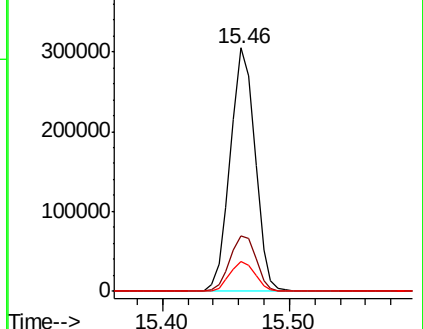
150 12.1 9.4 14.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 43.048 ng

RT: 15.69 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

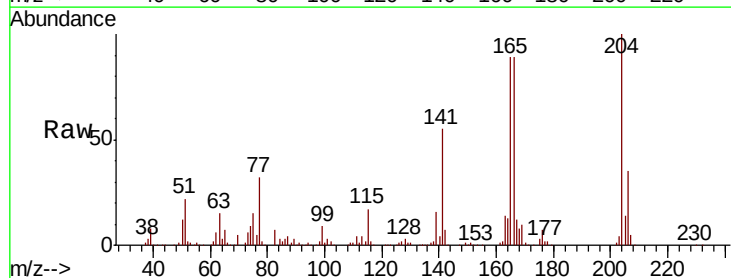
Tgt Ion:204 Resp: 238981

Ion Ratio Lower Upper

204 100

206 34.9 25.7 38.5

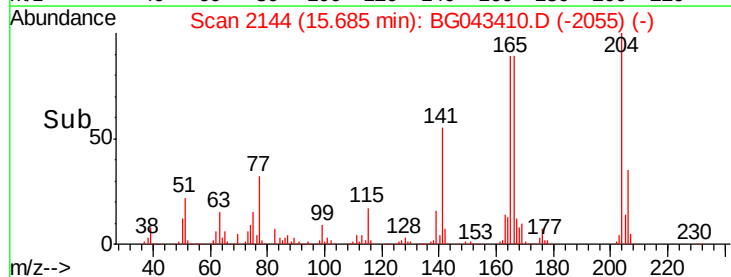
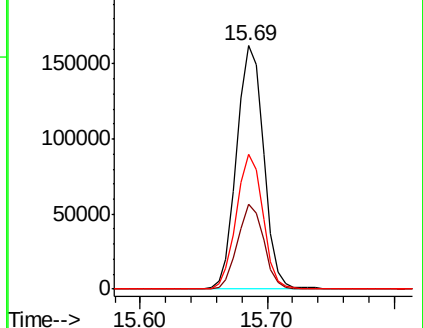
141 55.5 42.3 63.5

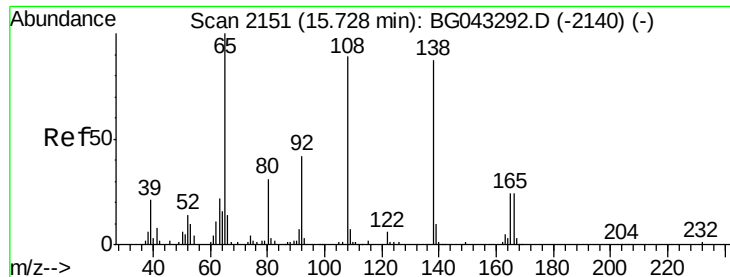


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 40.755 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

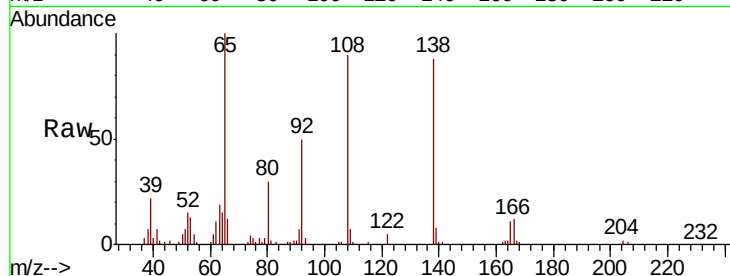
Instrument :

BNA_G

ClientSampled :

Tot Ion:138 Resp: 87086

Ion	Ratio	Lower	Upper
138	100		
92	56.3	28.8	68.8
108	102.0	82.7	122.7

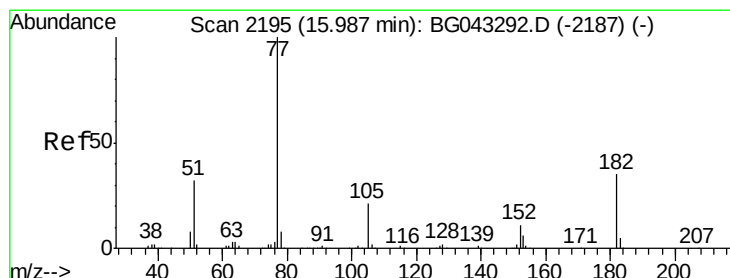
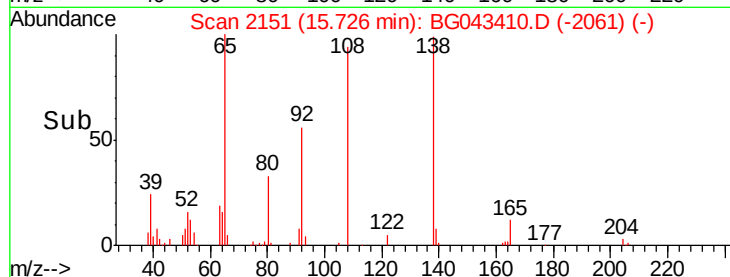
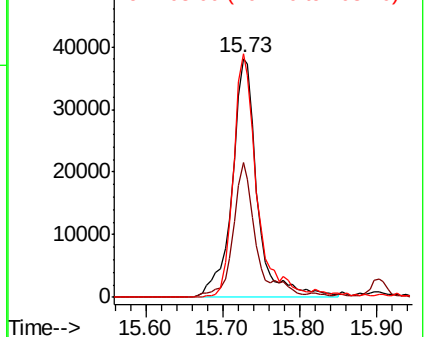


Abundance

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: 43.657 ng

RT: 15.98 min Scan# 2194

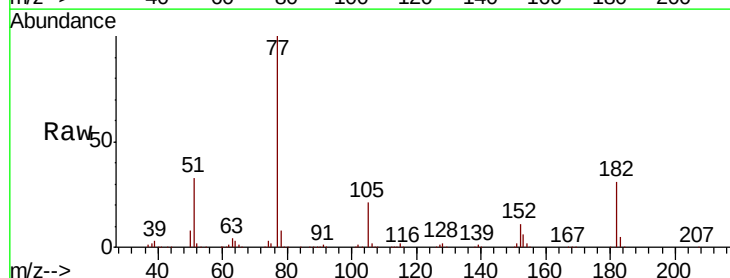
Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Tgt Ion: 77 Resp: 350206

Ion	Ratio	Lower	Upper
77	100		
182	31.2	14.9	54.9
105	20.8	0.6	40.6
51	32.8	12.5	52.5



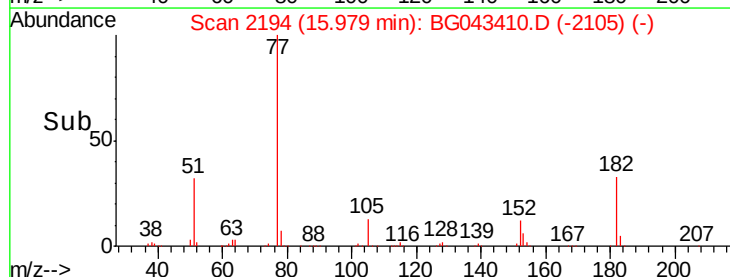
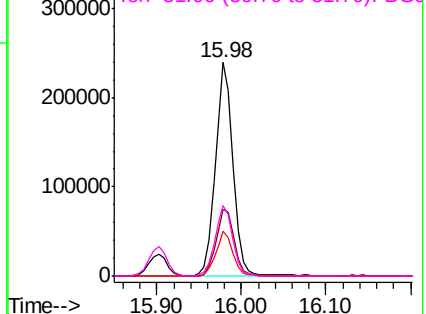
Abundance

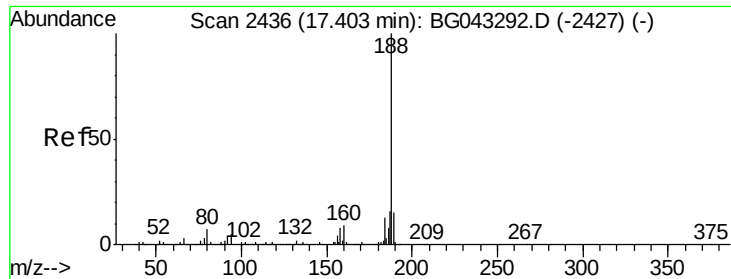
Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

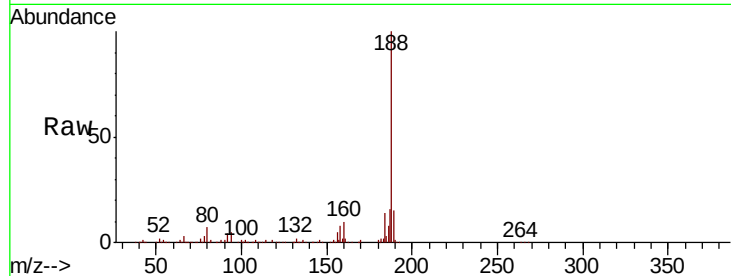
Tot Ion:188 Resp: 290273

Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.2

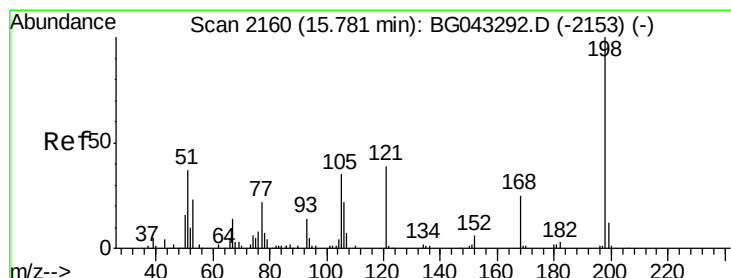
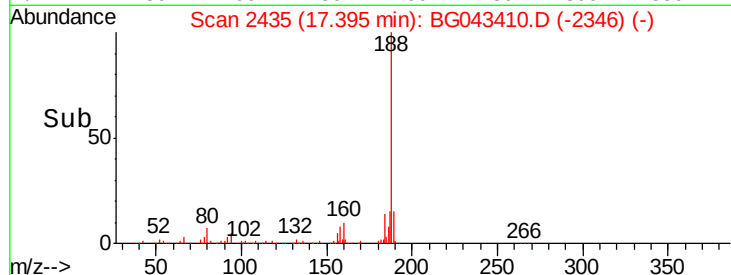
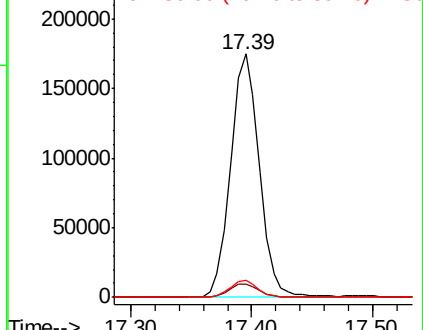
80 7.0 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 48.807 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

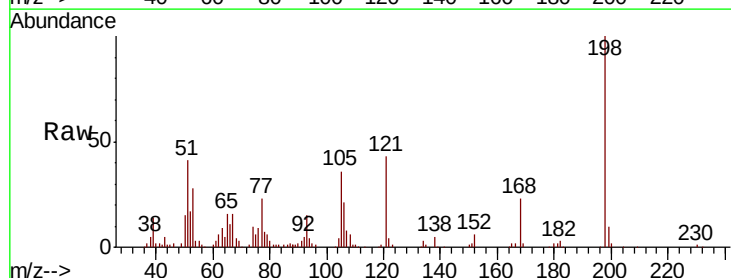
Tgt Ion:198 Resp: 83376

Ion Ratio Lower Upper

198 100

51 41.2 21.4 61.4

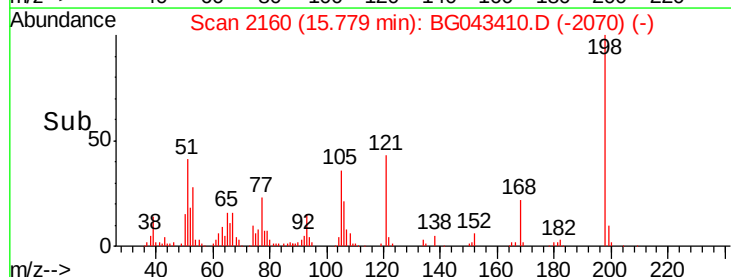
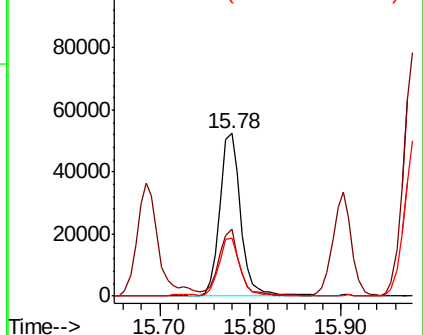
105 35.9 16.5 56.5

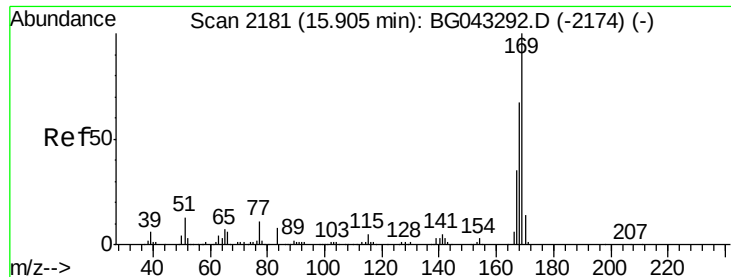


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

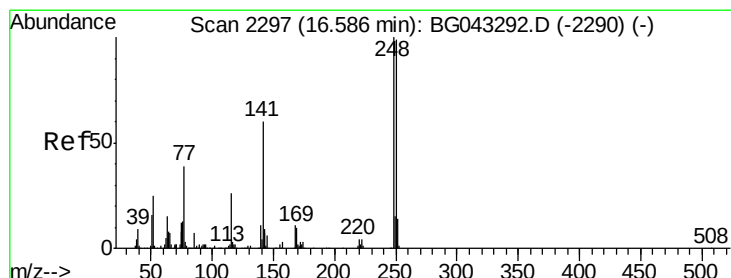
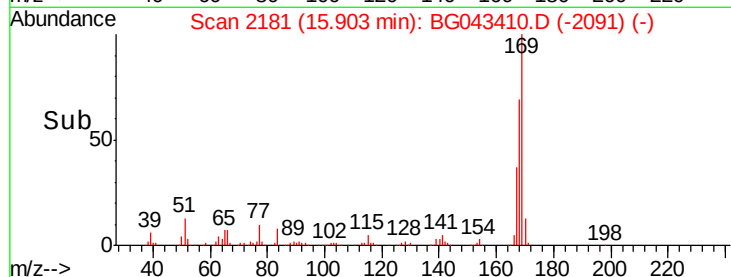
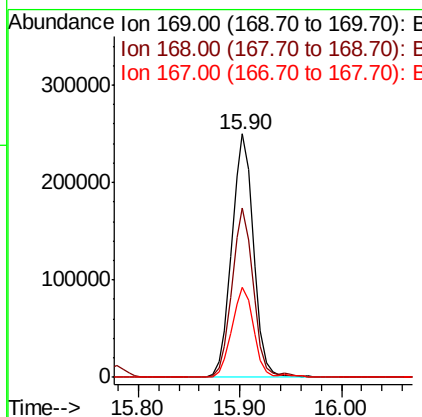
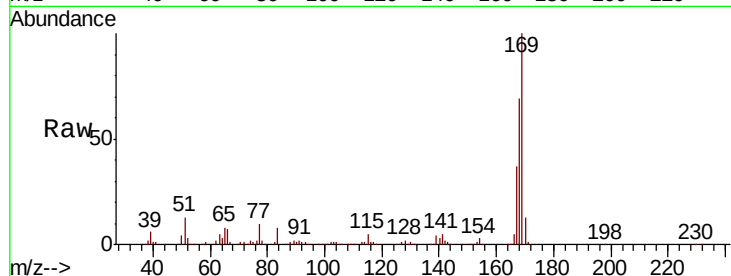




#66
 n-Nitrosodiphenylamine
 Concen: 45.376 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

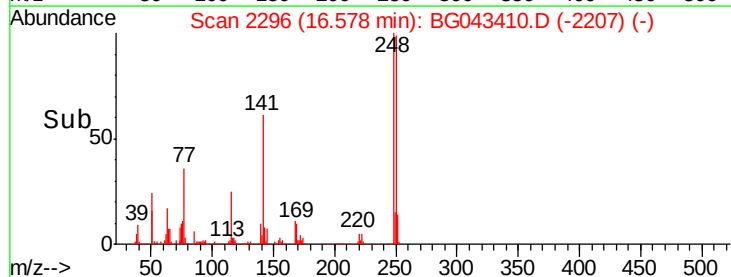
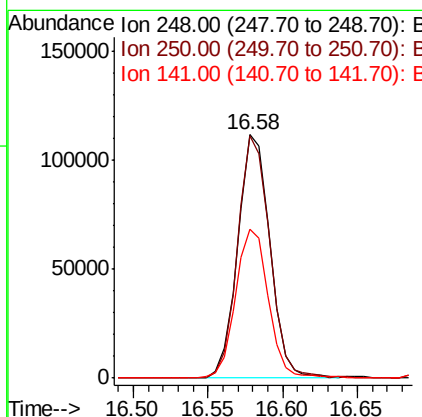
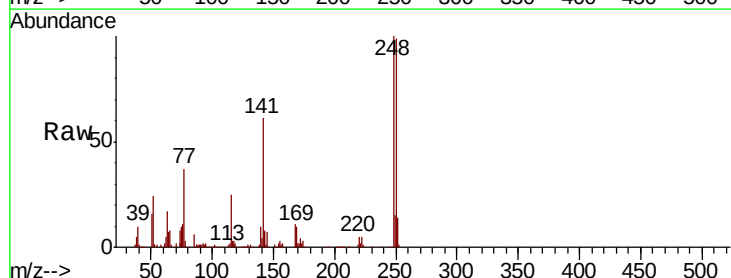
Instrument :
 BNA_G
 ClientSampleId :

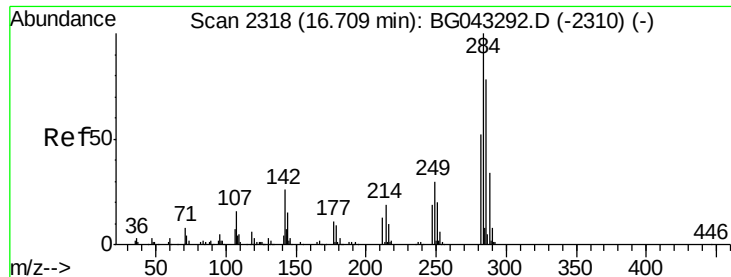
Tot Ion	169	Resp	371866
Ion Ratio	100	Lower	Upper
168	69.4	53.9	80.9
167	37.0	28.3	42.5



#67
 4-Bromophenyl-phenylether
 Concen: 43.106 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	248	Resp	168392
Ion Ratio	100	Lower	Upper
250	99.4	79.3	118.9
141	61.3	47.9	71.9





#68

Hexachlorobenzene

Concen: 41.720 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

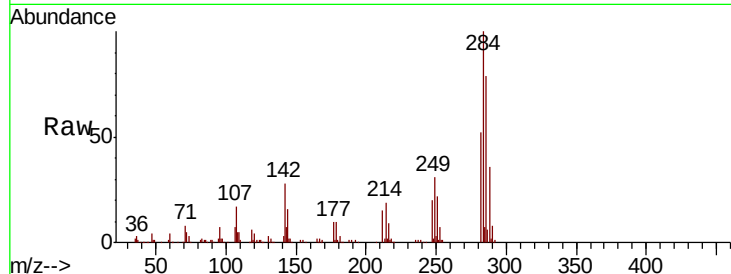
Tot Ion:284 Resp: 187075

Ion Ratio Lower Upper

284 100

142 27.6 21.1 31.7

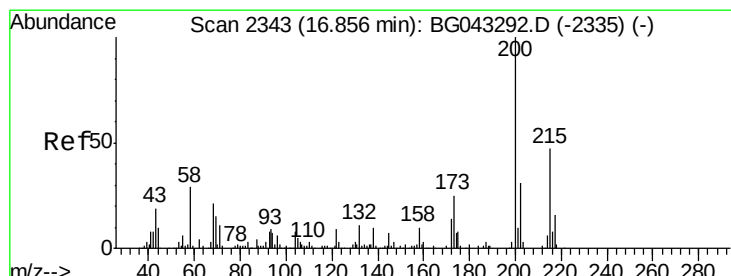
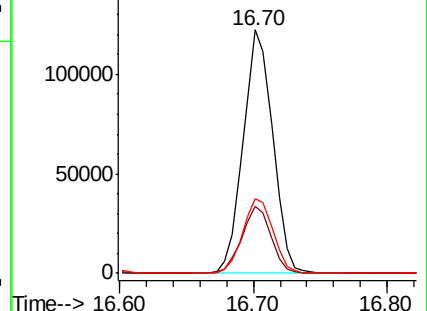
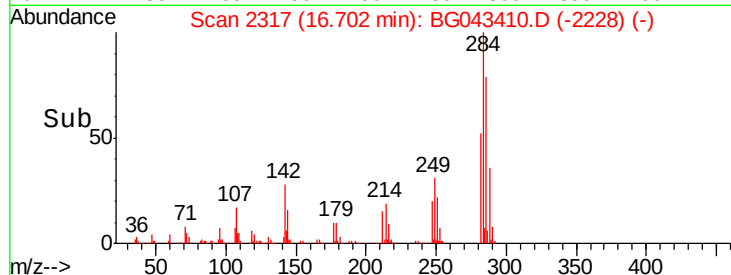
249 30.5 24.4 36.6



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: 54.066 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

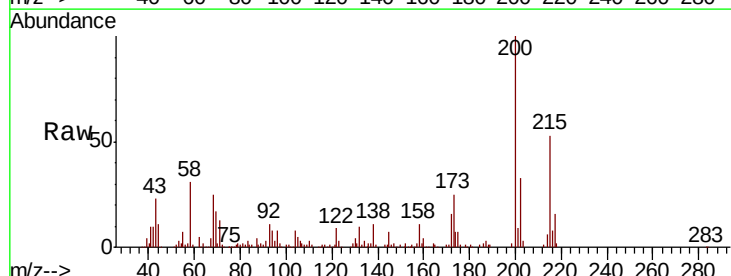
Tgt Ion:200 Resp: 153961

Ion Ratio Lower Upper

200 100

173 25.1 5.1 45.1

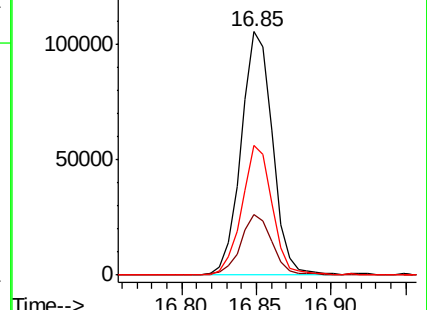
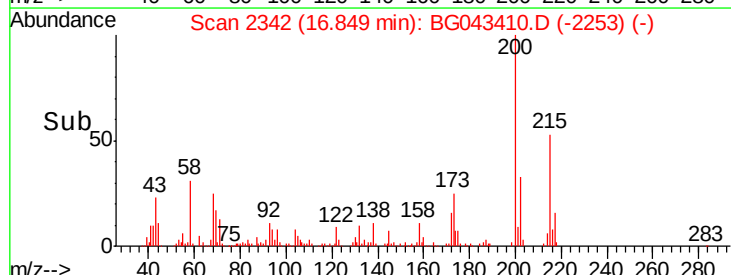
215 53.5 26.6 66.6

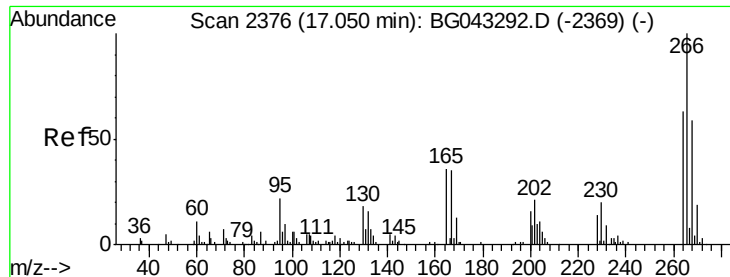


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

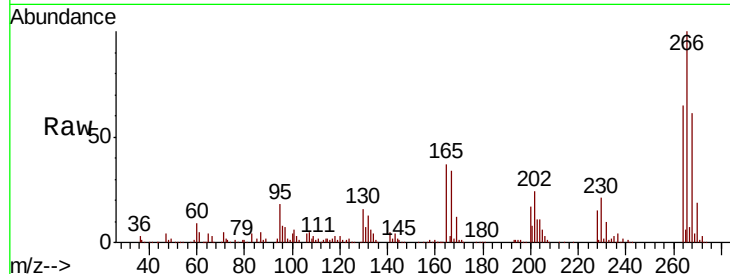




#70
 Pentachlorophenol
 Concen: 100.593 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.1	47.1	70.7
264	64.7	50.4	75.6

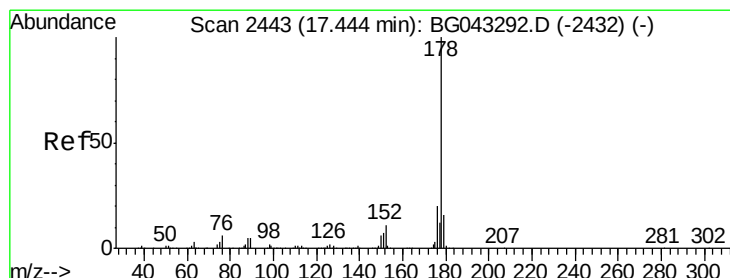
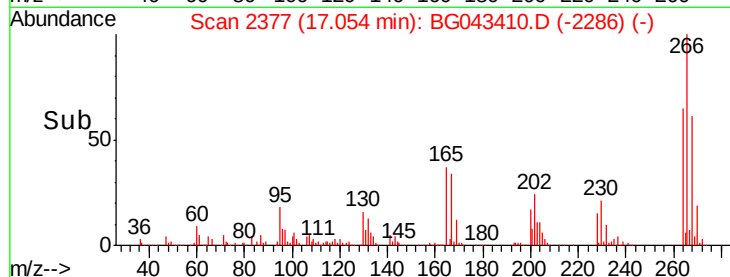
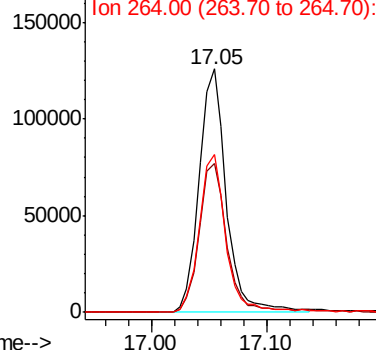


Abundance

Ion 265.70 (265.40 to 266.40): E

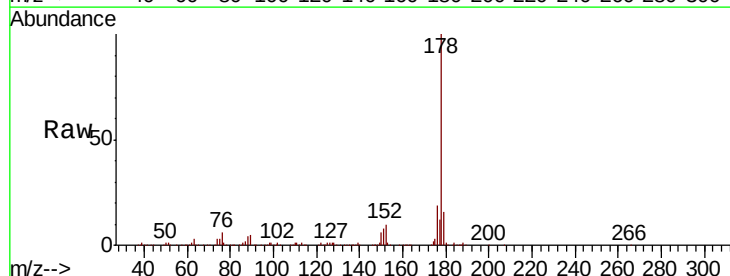
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 44.208 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.5	13.1	19.7

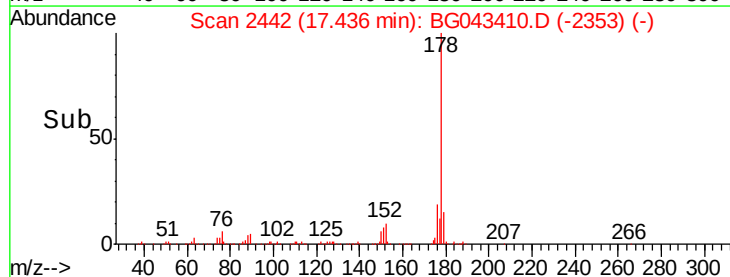
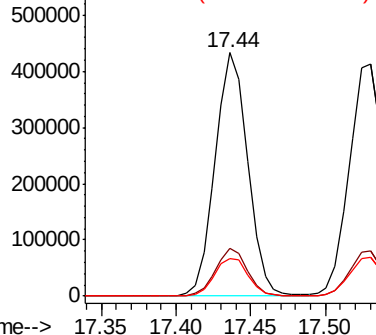


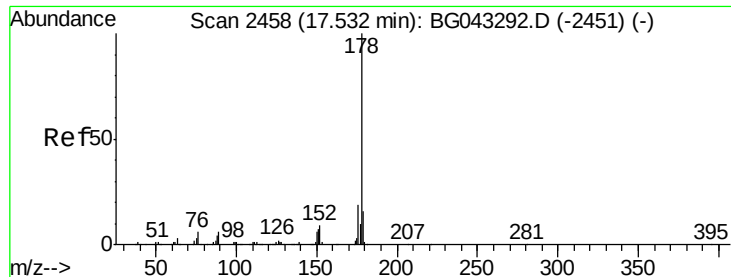
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 44.902 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampled :

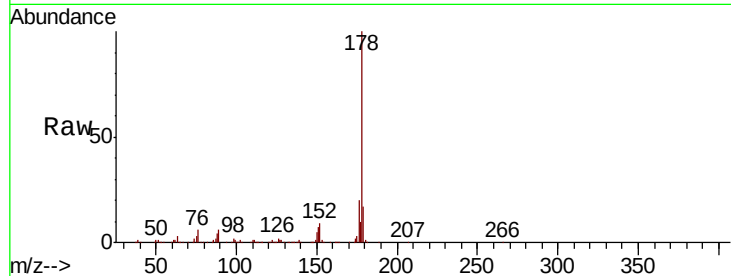
Tot Ion:178 Resp: 667771

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

179 16.5 13.0 19.6

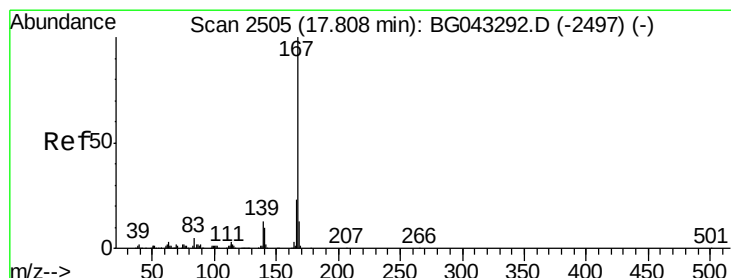
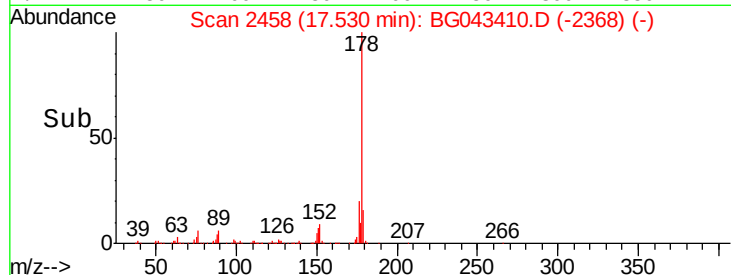
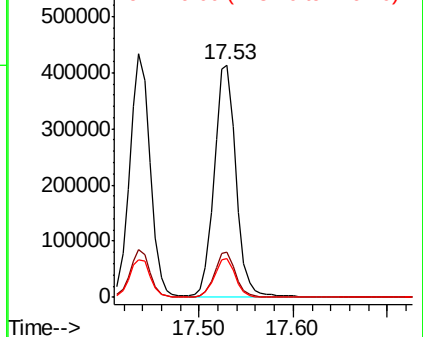


Abundance

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



#73

Carbazole

Concen: 44.449 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

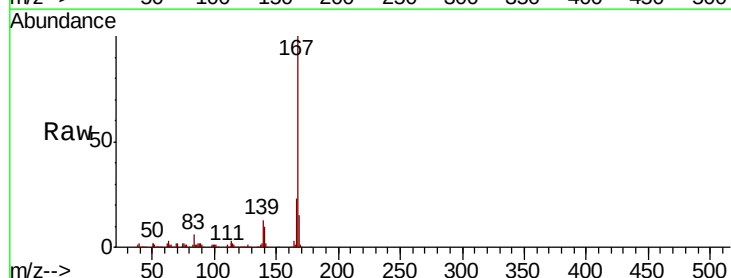
Tgt Ion:167 Resp: 598617

Ion Ratio Lower Upper

167 100

166 22.8 18.4 27.6

139 13.4 10.2 15.4

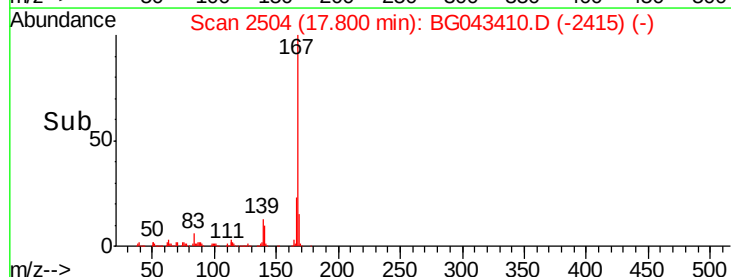
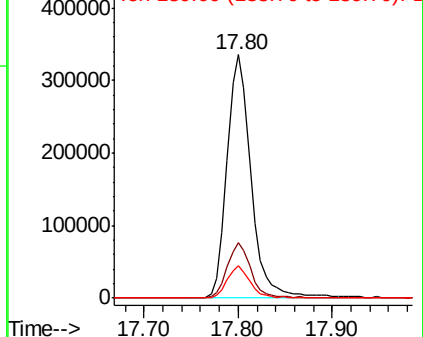


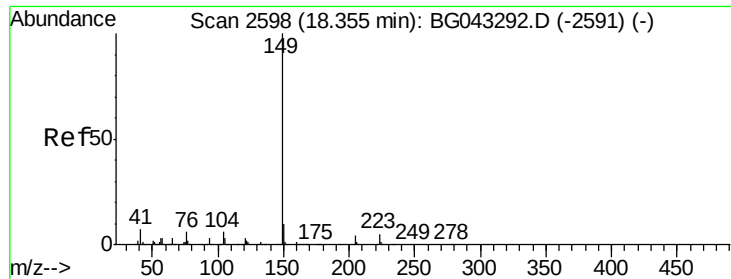
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 43.537 ng

RT: 18.35 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

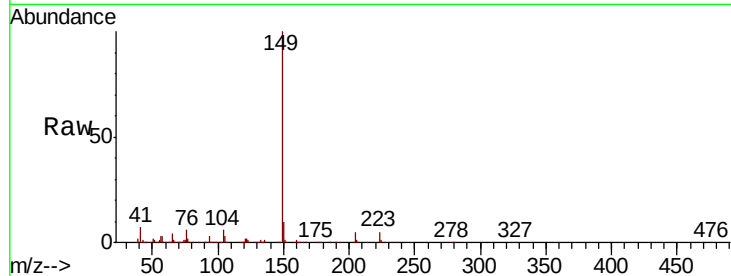
Tot Ion:149 Resp: 711433

Ion Ratio Lower Upper

149 100

150 10.1 8.0 12.0

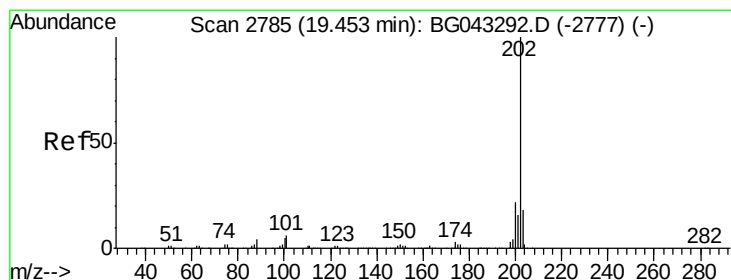
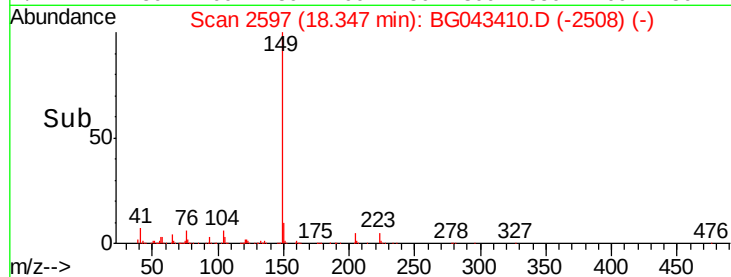
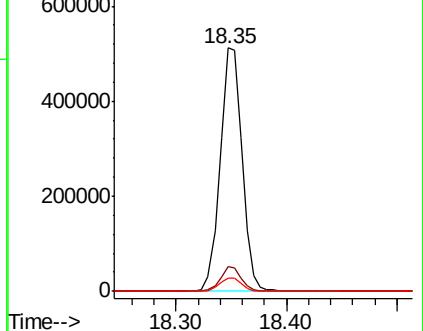
104 5.6 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 44.207 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

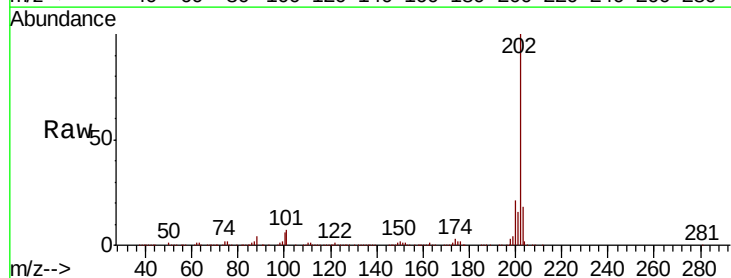
Tgt Ion:202 Resp: 856656

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.0

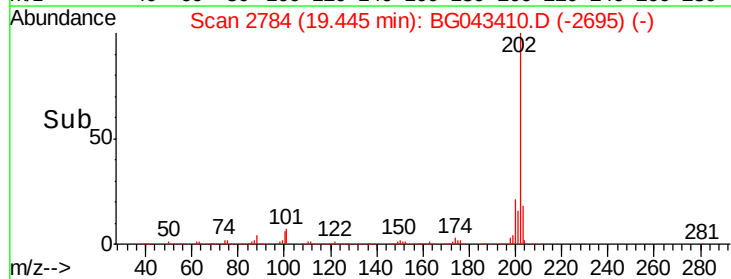
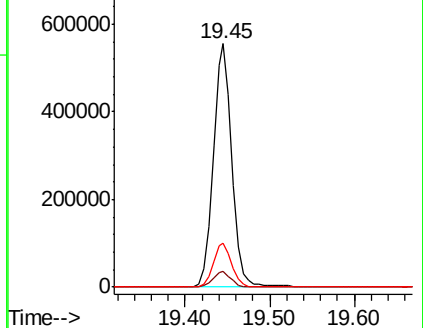
203 17.8 0.0 38.2

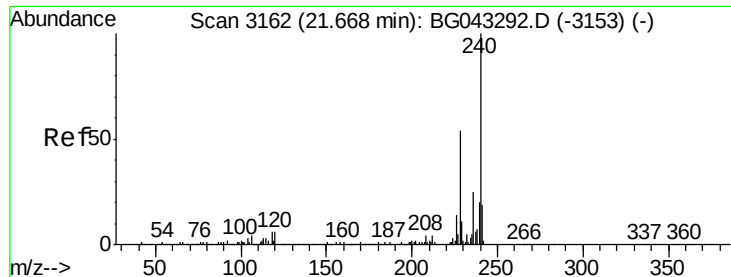


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

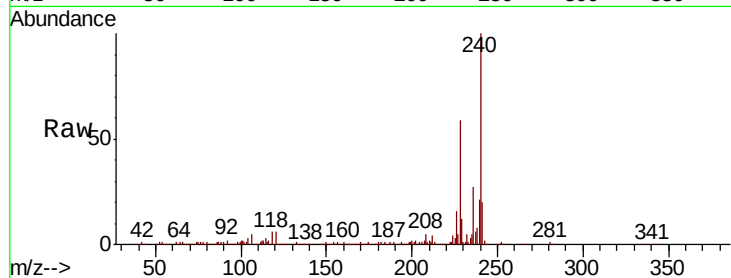
Tot Ion:240 Resp: 320053

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

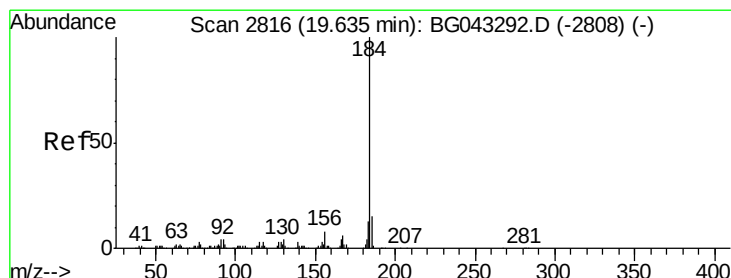
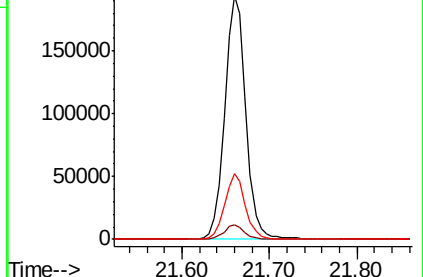
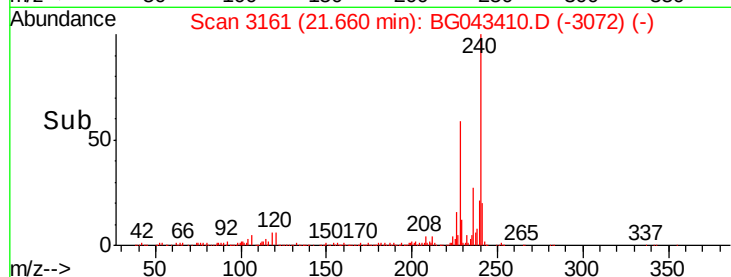
236 27.0 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 35.085 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

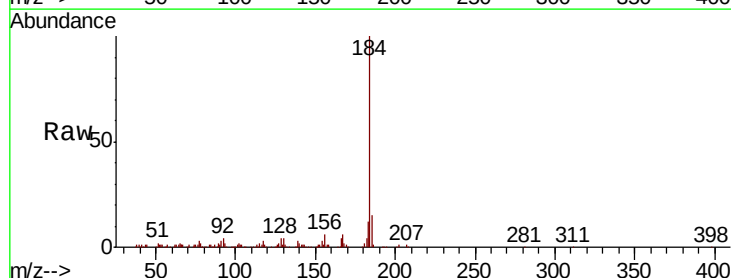
Tgt Ion:184 Resp: 225988

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.6

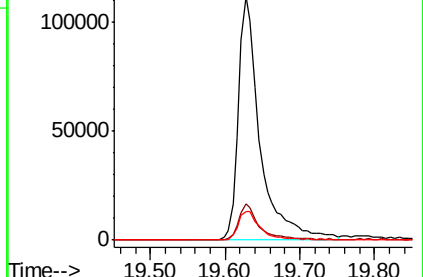
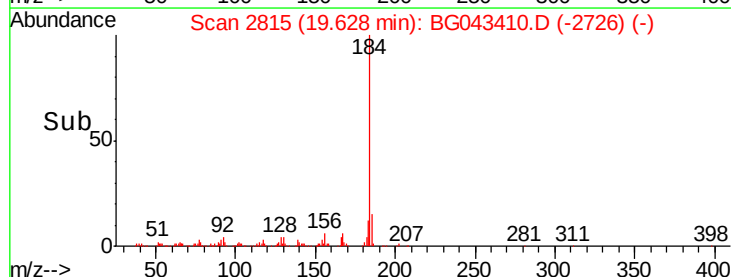
183 12.0 10.6 16.0

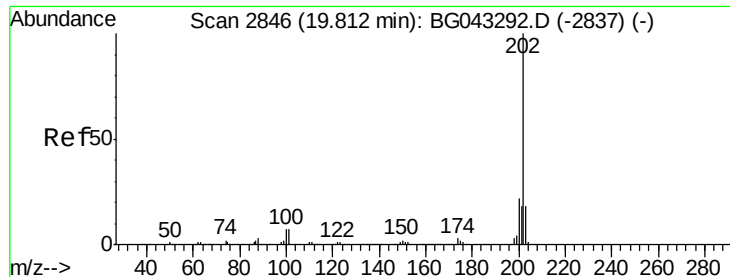


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

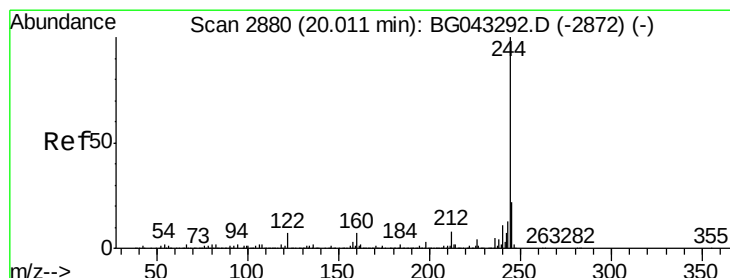
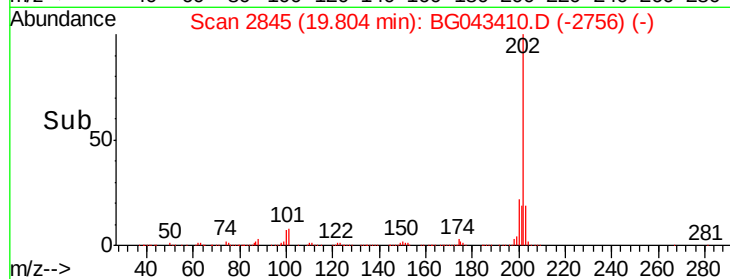
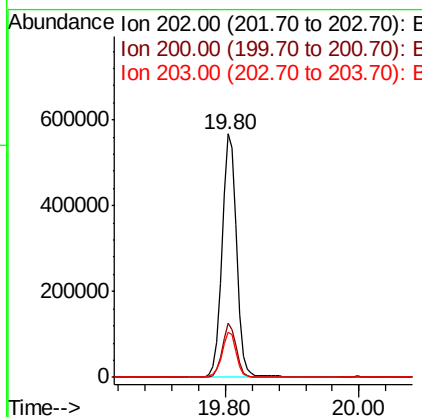
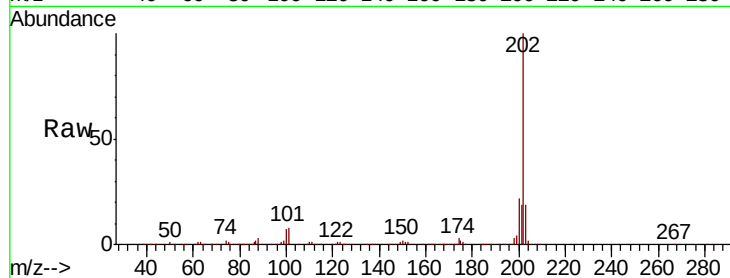




#78
Pvrene
Concen: 44.203 ng
RT: 19.80 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

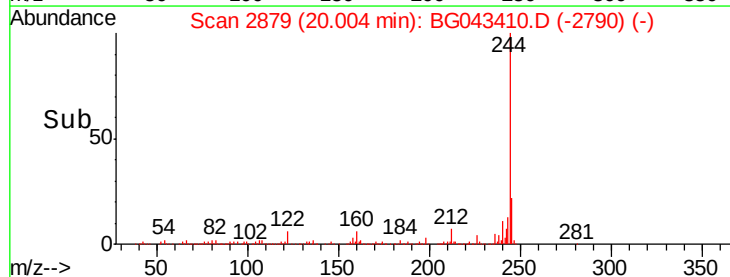
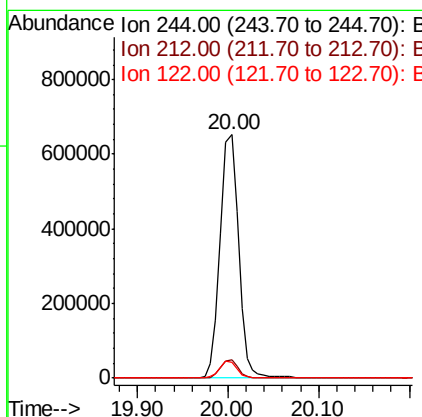
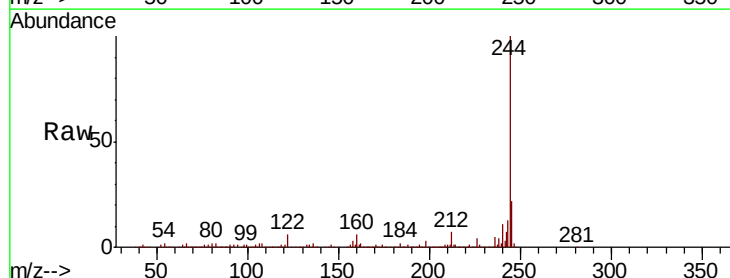
Instrument :
BNA_G
ClientSampleId :

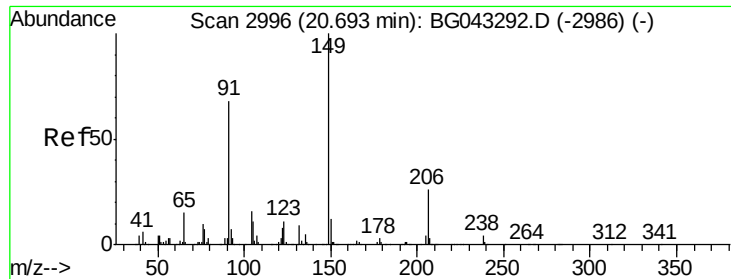
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.3	25.9
203	18.8	14.5	21.7



#79
Terphenyl-d14
Concen: 54.408 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	6.4	5.3	7.9

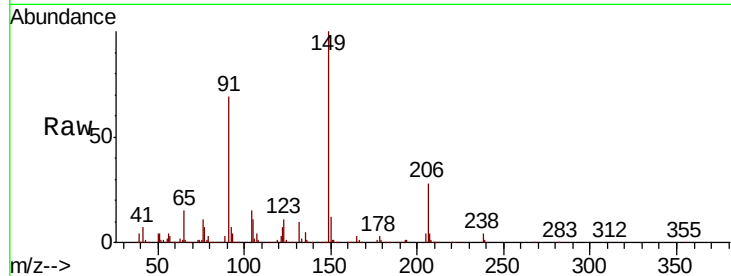




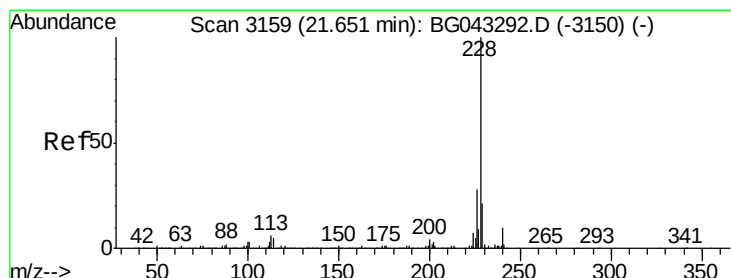
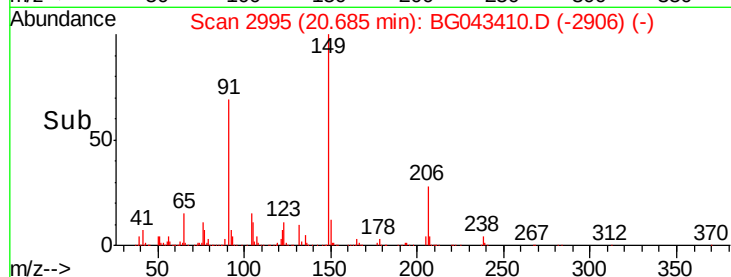
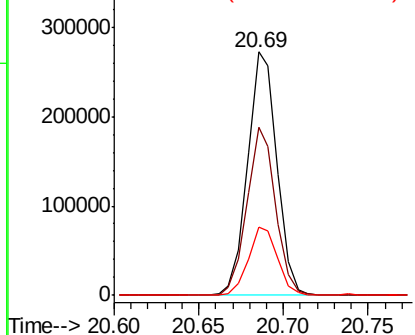
#80
Butylbenzylphthalate
Concen: 43.972 ng
RT: 20.69 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 330032
Ion Ratio Lower Upper
149 100
91 68.8 54.6 82.0
206 27.9 20.5 30.7

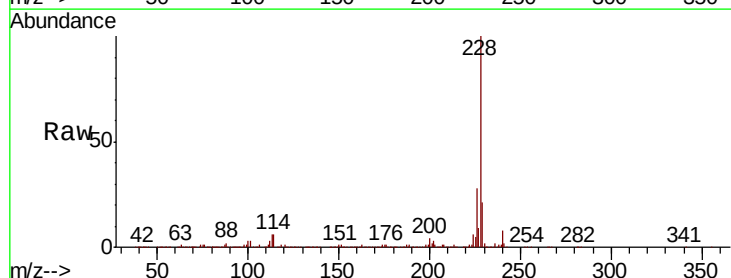


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

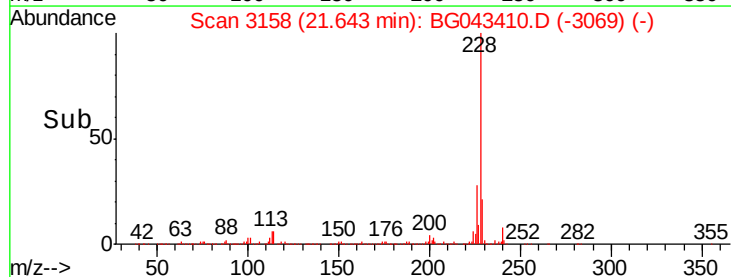
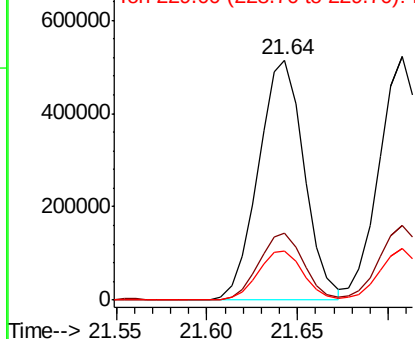


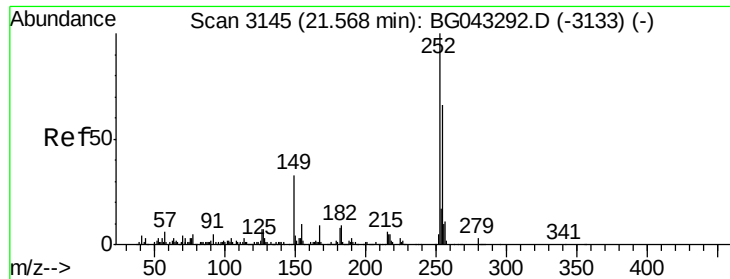
#81
Benzo(a)anthracene
Concen: 44.971 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion:228 Resp: 901581
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.4
229 20.7 16.9 25.3



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

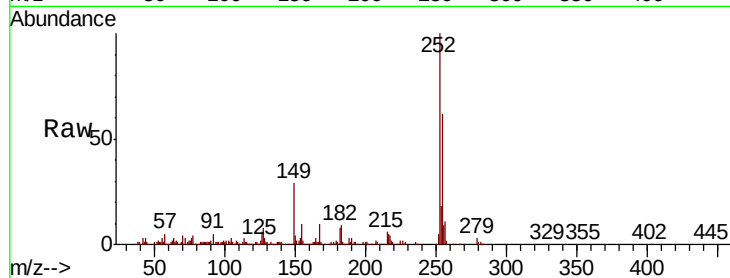




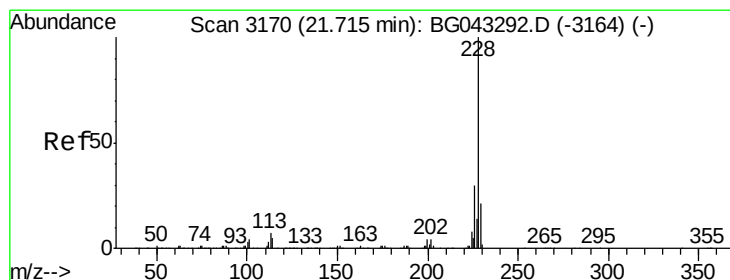
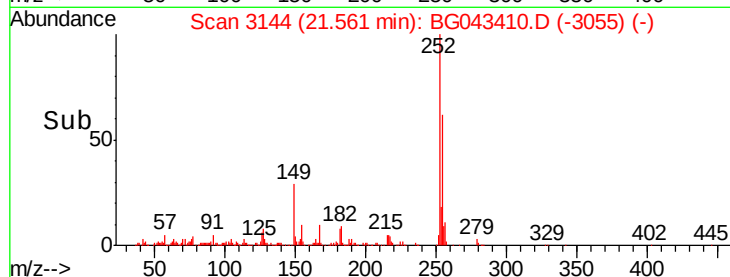
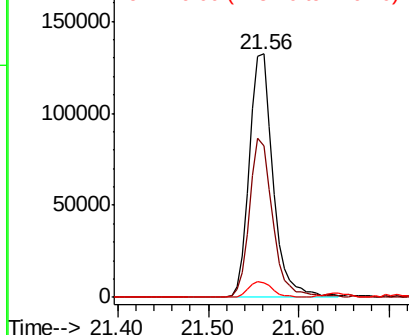
#82
 3,3'-Dichlorobenzidine
 Concen: 30.909 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 239670
 Ion Ratio Lower Upper
 252 100
 254 62.1 52.7 79.1
 126 6.0 5.6 8.4

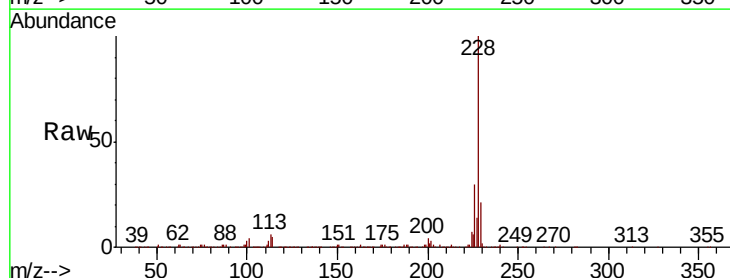


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

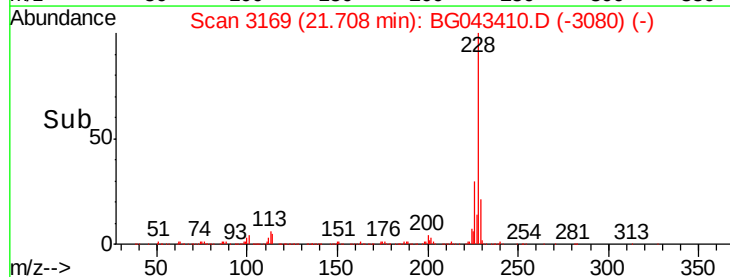
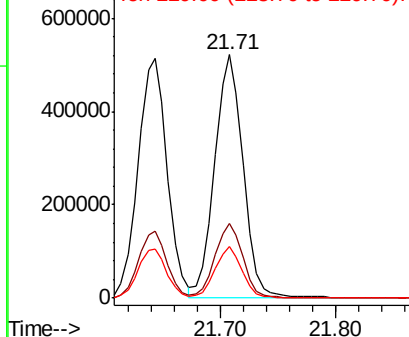


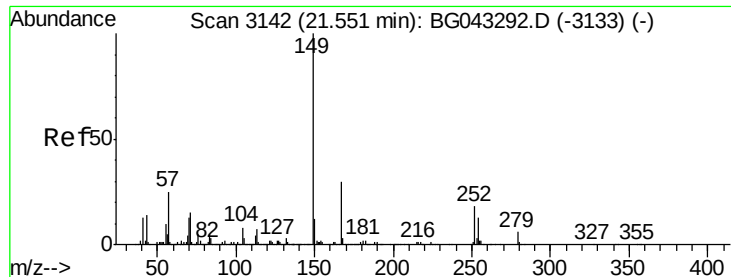
#83
 Chrysene
 Concen: 44.194 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG043410.D
 Acq: 30 Oct 2019 21:12

Tgt Ion:228 Resp: 880300
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.8 35.8
 229 21.0 16.3 24.5



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: 45.554 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

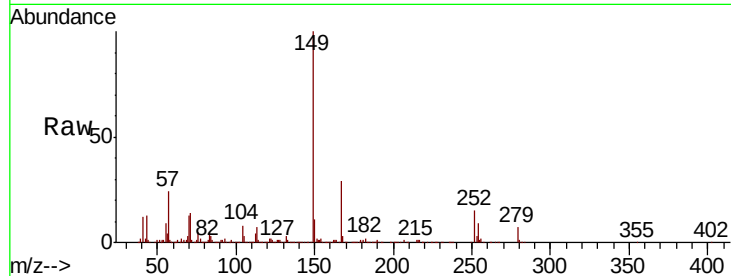
Tot Ion:149 Resp: 485683

Ion Ratio Lower Upper

149 100

167 29.4 23.9 35.9

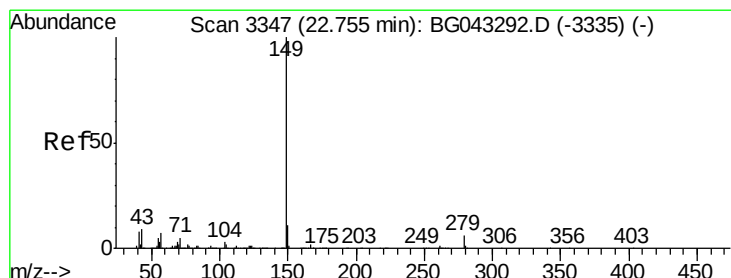
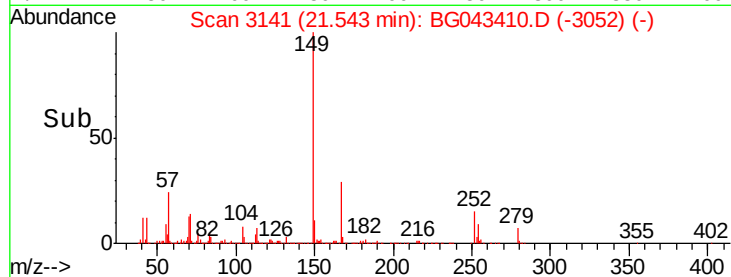
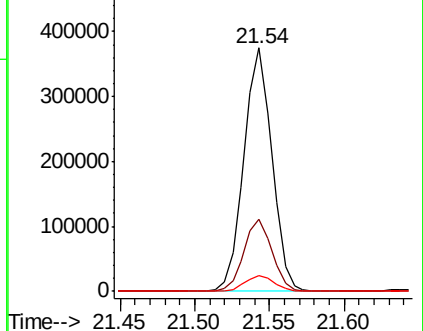
279 6.6 4.8 7.2



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: 46.345 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

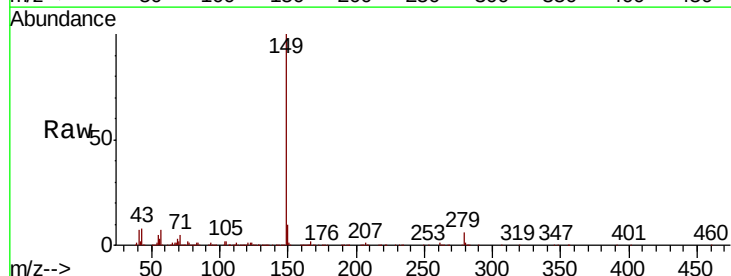
Tgt Ion:149 Resp: 838308

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

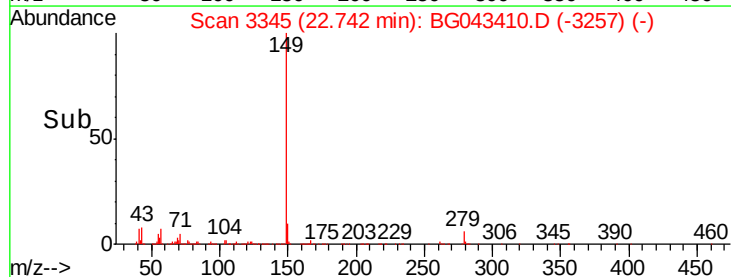
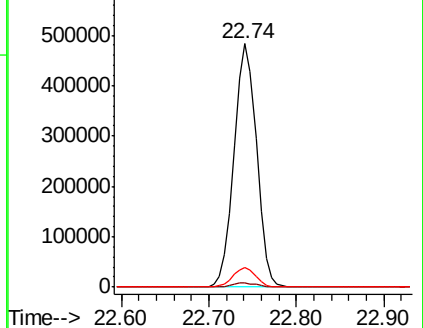
43 8.1 6.9 10.3

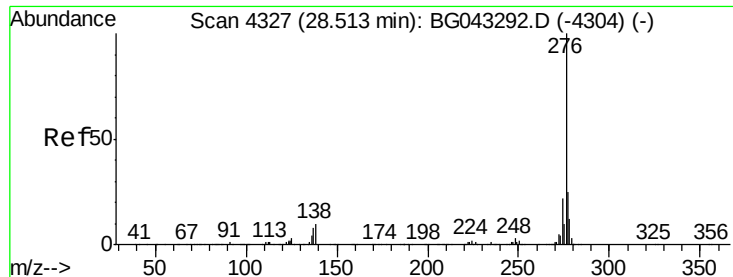


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

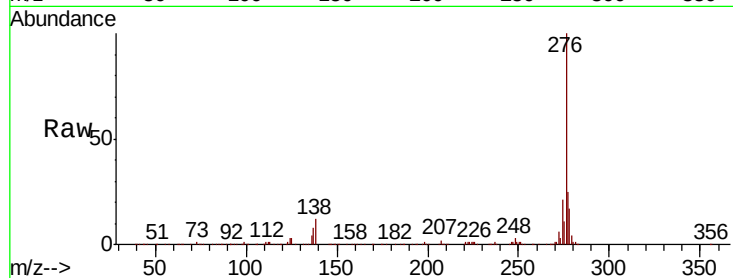




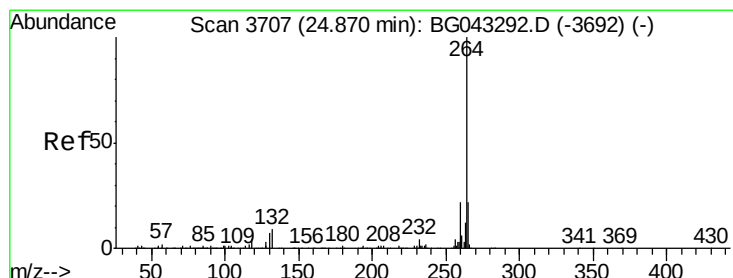
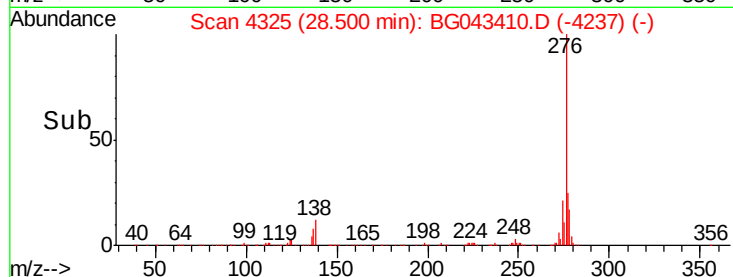
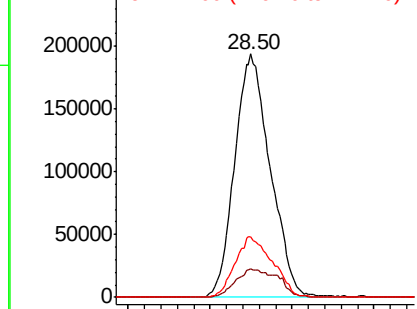
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.668 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:276 Resp: 1166871
Ion Ratio Lower Upper
276 100
138 14.0 7.2 10.8#
277 26.5 20.9 31.3

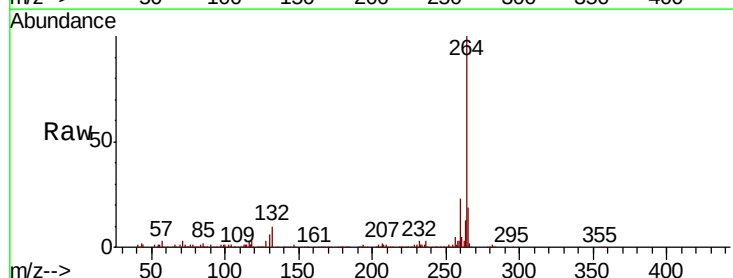


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

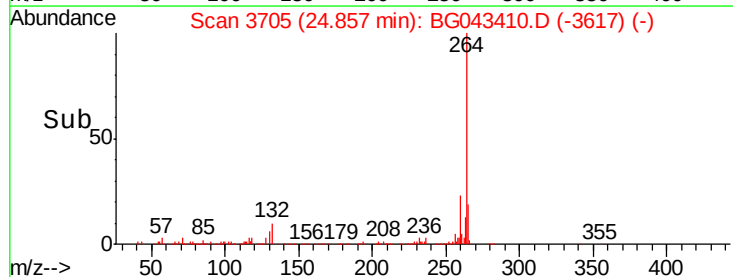
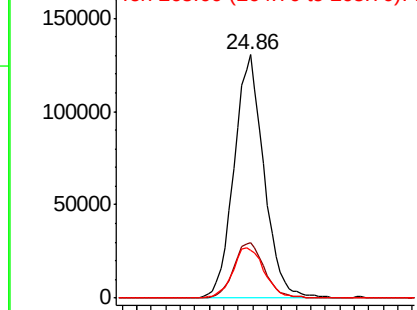


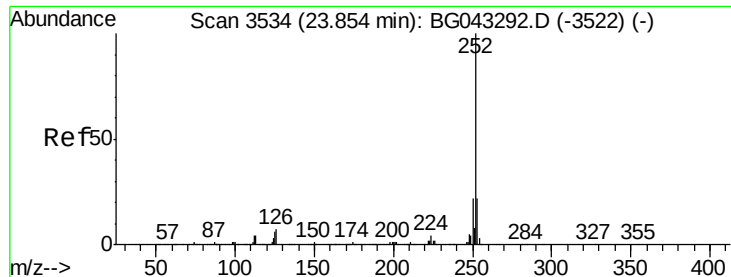
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion:264 Resp: 374640
Ion Ratio Lower Upper
264 100
260 22.7 17.9 26.9
265 19.4 17.4 26.2



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

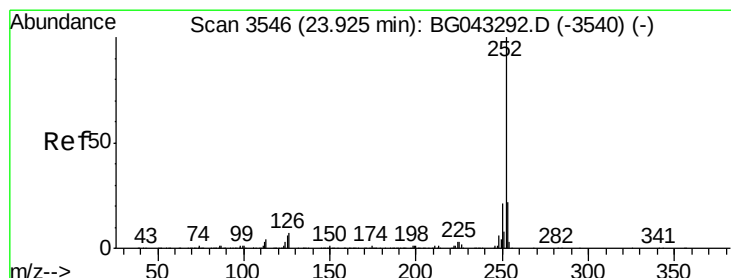
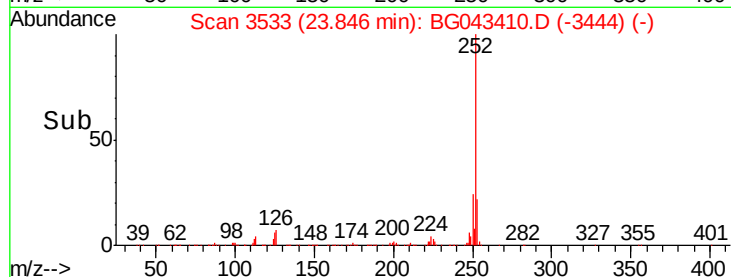
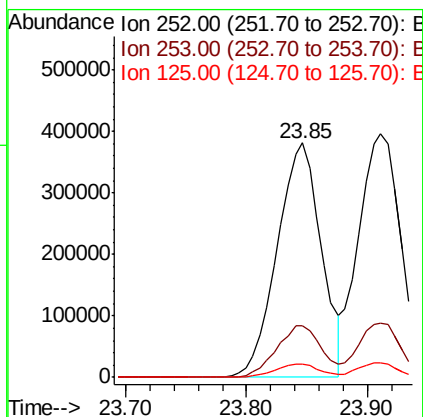
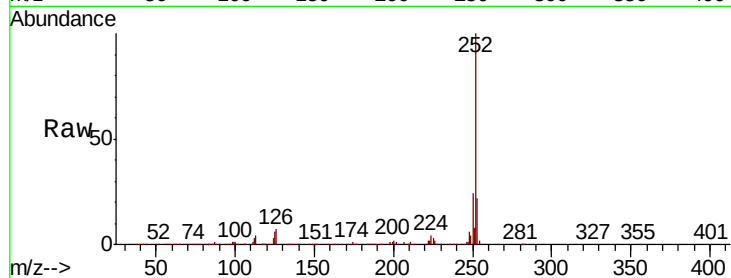




#88
Benzo(b)fluoranthene
Concen: 45.447 ng
RT: 23.85 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

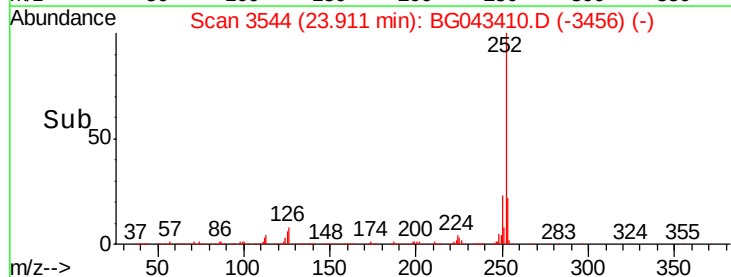
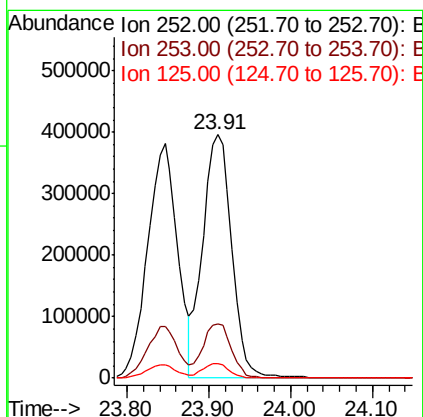
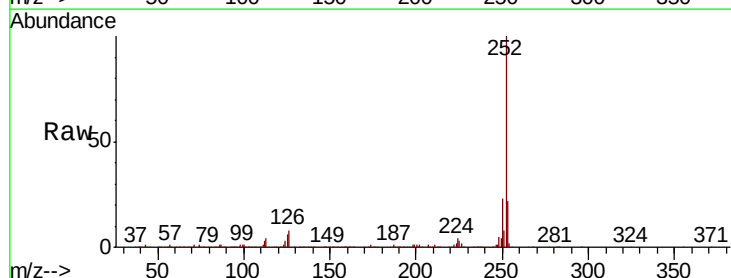
Instrument :
BNA_G
ClientSampled :

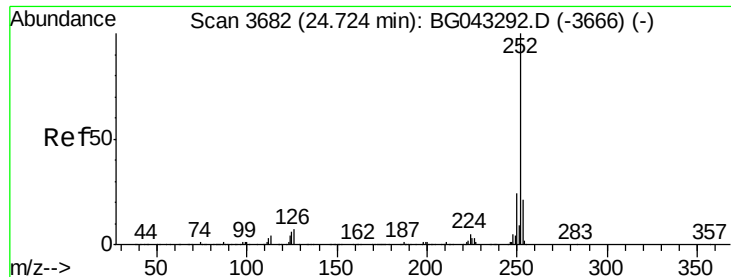
Tot Ion:252 Resp: 964317
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 5.6 5.0 7.6



#89
Benzo(k)fluoranthene
Concen: 45.629 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion:252 Resp: 974674
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 6.1 4.5 6.7

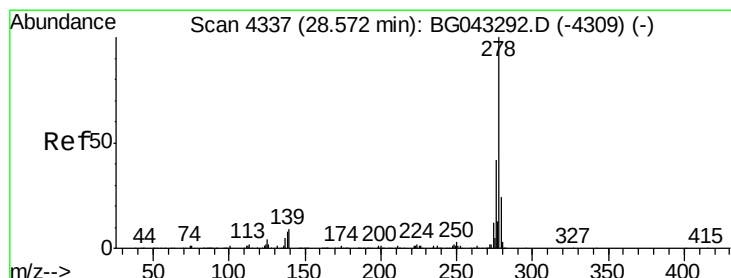
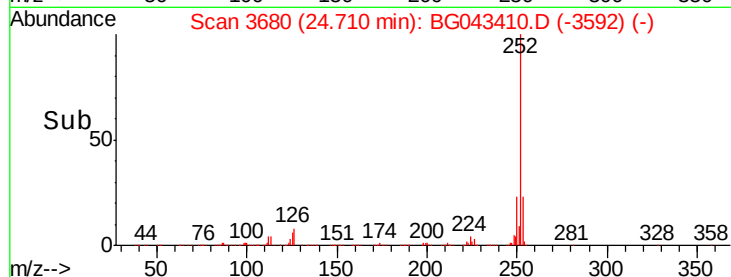
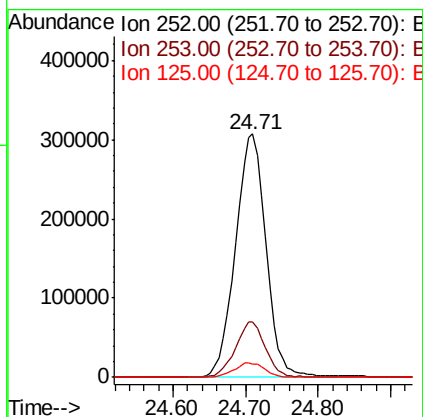
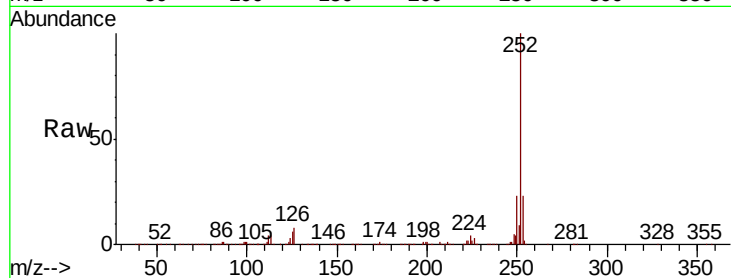




#90
Benzo(a)pyrene
Concen: 44.372 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

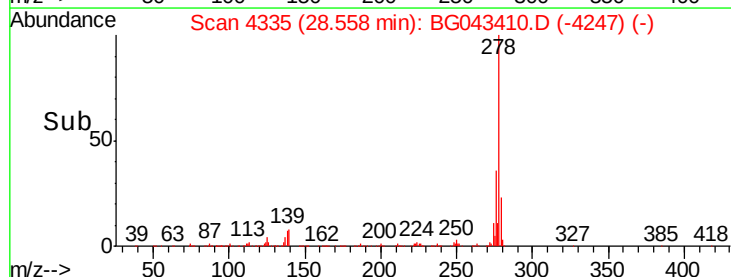
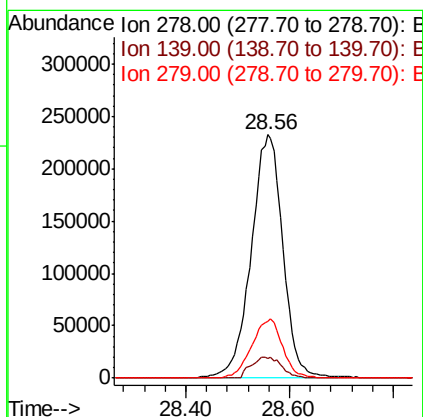
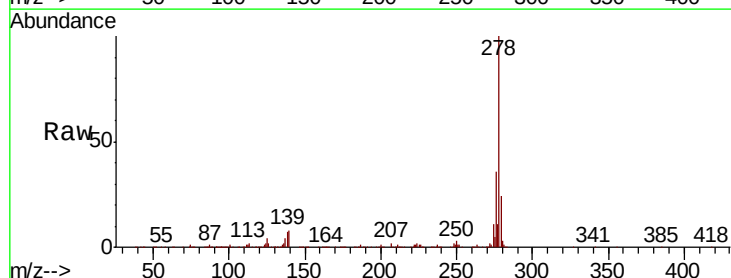
Instrument :
BNA_G
ClientSampleId :

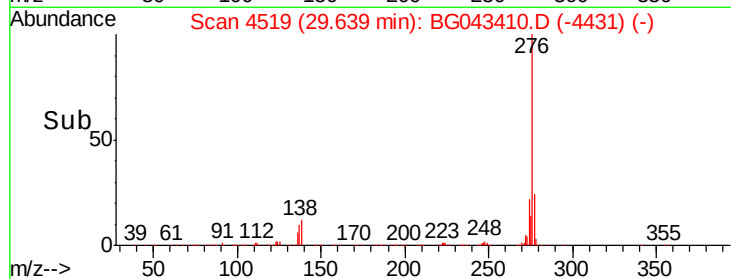
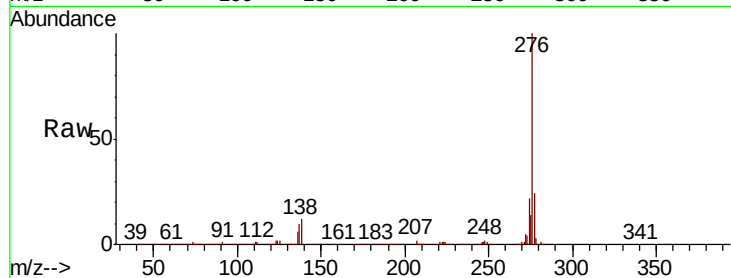
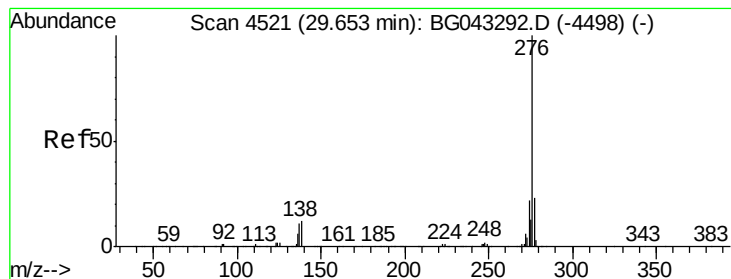
Tot Ion:252 Resp: 899076
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 5.6 5.0 7.6



#91
Dibenzo(a,h)anthracene
Concen: 47.441 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.01 min
Lab File: BG043410.D
Acq: 30 Oct 2019 21:12

Tgt Ion:278 Resp: 983227
Ion Ratio Lower Upper
278 100
139 7.9 6.8 10.2
279 23.5 19.0 28.6





#92

Benzo(a,h,i)perylene

Concen: 48.100 ng

RT: 29.64 min Scan# 4519

Delta R.T. -0.01 min

Lab File: BG043410.D

Acq: 30 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 276 Resp: 983315

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 11.5 9.3 13.9

