

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043412.D
 Acq On : 30 Oct 2019 22:29
 Operator : JU
 Sample : K5599-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 05:11:12 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	45164	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	178952	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	128971	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	300407	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	329984	20.00	ng	0.00
87) Perylene-d12	24.85	264	395306	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	220327	89.39	ng	0.00
7) Phenol-d6	7.21	99	318316	89.77	ng	0.00
23) Nitrobenzene-d5	9.18	82	190893	54.99	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	199409	81.25	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	519421	55.65	ng	0.00
79) Terphenyl-d14	20.00	244	1015283	57.72	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	26422	27.510	ng	# 93
3) Pyridine	3.88	79	65132	26.883	ng	98
4) n-Nitrosodimethylamine	3.80	42	40988	33.526	ng	97
6) Aniline	7.35	93	79758	19.525	ng	97
8) 2-Chlorophenol	7.60	128	97879	35.975	ng	97
9) Benzaldehyde	7.16	77	47393	27.195	ng	82
10) Phenol	7.23	94	125663	38.780	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	75910	30.300	ng	96
12) 1,3-Dichlorobenzene	7.91	146	104739	30.726	ng	94
13) 1,4-Dichlorobenzene	8.05	146	106296	30.820	ng	100
14) 1,2-Dichlorobenzene	8.37	146	101404	30.113	ng	97
15) Benzyl Alcohol	8.27	79	85170	34.199	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	106003	29.099	ng	97
17) 2-Methylphenol	8.48	107	80062	33.892	ng	98
18) Hexachloroethane	9.11	117	37499	30.136	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	69876	30.495	ng	99
20) 3+4-Methylphenols	8.81	107	105843	32.675	ng	91
22) Acetophenone	8.84	105	136142	29.707	ng	98
24) Nitrobenzene	9.22	77	106759	32.286	ng	97
25) Isophorone	9.75	82	197819	31.171	ng	96
26) 2-Nitrophenol	9.93	139	54047	33.856	ng	93
27) 2,4-Dimethylphenol	10.01	122	90009	39.339	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	107276	30.628	ng	98
29) 2,4-Dichlorophenol	10.49	162	100607	34.318	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	113969	30.845	ng	98
31) Naphthalene	10.87	128	293347	32.294	ng	99
32) Benzoic acid	10.16	122	42409	28.747	ng	97
33) 4-Chloroaniline	11.00	127	42815	11.499	ng	93
34) Hexachlorobutadiene	11.16	225	80324	29.408	ng	95
35) Caprolactam	11.76	113	19362	19.177	ng	# 82
36) 4-Chloro-3-methylphenol	12.13	107	107079	33.485	ng	100
37) 2-Methylnaphthalene	12.48	142	224037	32.145	ng	95
38) 1-Methylnaphthalene	12.70	142	217280	32.765	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	146452	30.683	ng	99

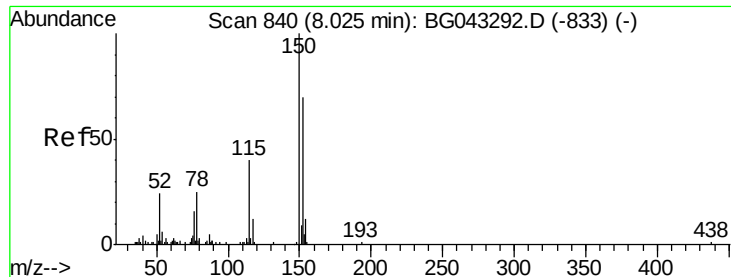
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	163192	65.087	ng	95
43) 2,4,6-Trichlorophenol	13.09	196	97651	34.740	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	101817	35.829	ng	97
46) 1,1'-Biphenyl	13.48	154	303314	30.914	ng	96
47) 2-Chloronaphthalene	13.52	162	235897	31.600	ng	98
48) 2-Nitroaniline	13.74	65	68621	30.755	ng	95
49) Acenaphthylene	14.37	152	388275	33.419	ng	98
50) Dimethylphthalate	14.11	163	364435	36.481	ng	100
51) 2,6-Dinitrotoluene	14.22	165	71237	32.824	ng	96
52) Acenaphthene	14.71	154	230798	32.574	ng	99
53) 3-Nitroaniline	14.56	138	32645	15.580	ng	90
54) 2,4-Dinitrophenol	14.76	184	68650	53.328	ng	95
55) Dibenzofuran	15.05	168	374593	32.601	ng	99
56) 4-Nitrophenol	14.89	139	99180	70.634	ng	96
57) 2,4-Dinitrotoluene	15.01	165	99909	32.213	ng	96
58) Fluorene	15.69	166	312544	32.432	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	100674	33.344	ng	# 99
60) Diethylphthalate	15.46	149	311946	31.078	ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	179265	31.887	ng	99
62) 4-Nitroaniline	15.73	138	64632	29.868	ng	97
63) Azobenzene	15.98	77	262012	32.253	ng	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	58932	33.334	ng	97
66) n-Nitrosodiphenylamine	15.90	169	278880	32.882	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	126110	31.194	ng	98
68) Hexachlorobenzene	16.70	284	142612	30.731	ng	98
69) Atrazine	16.85	200	117769	39.962	ng	94
70) Pentachlorophenol	17.05	266	149861	70.871	ng	97
71) Phenanthrene	17.44	178	492870	32.040	ng	99
72) Anthracene	17.53	178	522087	33.921	ng	99
73) Carbazole	17.80	167	456348	32.742	ng	97
74) Di-n-butylphthalate	18.35	149	533546	31.549	ng	99
75) Fluoranthene	19.44	202	645619	32.193	ng	98
77) Benzidine	19.63	184	259644	39.097	ng	99
78) Pyrene	19.81	202	654033	32.020	ng	99
80) Butylbenzylphthalate	20.69	149	249541	32.247	ng	99
81) Benzo(a)anthracene	21.64	228	689724	33.368	ng	97
82) 3,3'-Dichlorobenzidine	21.56	252	151521	18.953	ng	97
83) Chrysene	21.70	228	669396	32.594	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	364662	33.173	ng	99
85) Di-n-octyl phthalate	22.74	149	628705	33.711	ng	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	878840	34.091	ng	99
88) Benzo(b)fluoranthene	23.84	252	712041	31.803	ng	99
89) Benzo(k)fluoranthene	23.91	252	749877	33.270	ng	99
90) Benzo(a)pyrene	24.71	252	682421	31.919	ng	99
91) Dibenzo(a,h)anthracene	28.55	278	749303	34.264	ng	99
92) Benzo(g,h,i)perylene	29.63	276	736922	34.163	ng	98

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

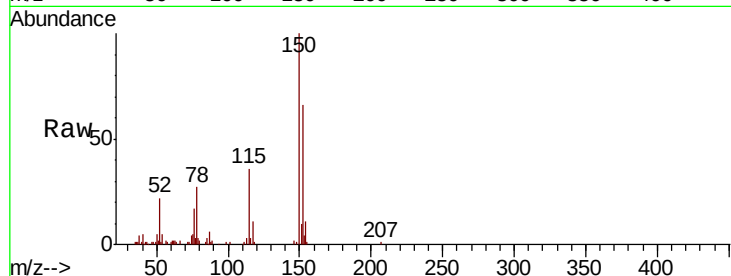


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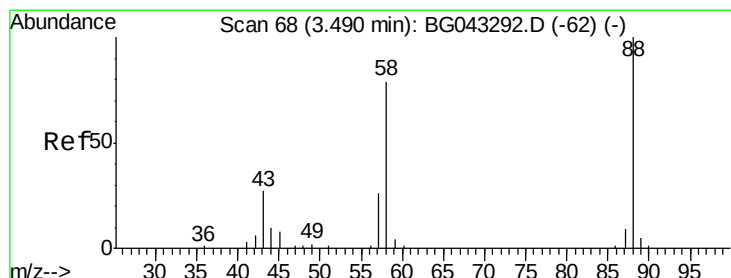
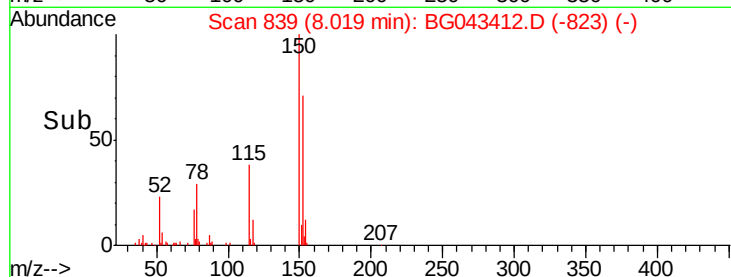
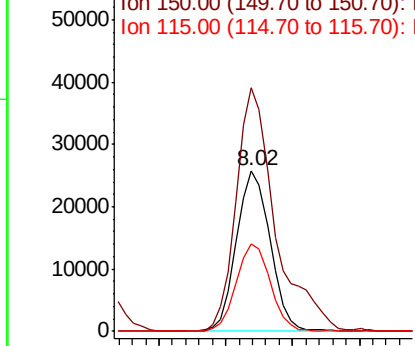
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 45164
Ion Ratio Lower Upper
152 100
150 151.2 113.6 170.4
115 54.2 45.9 68.9



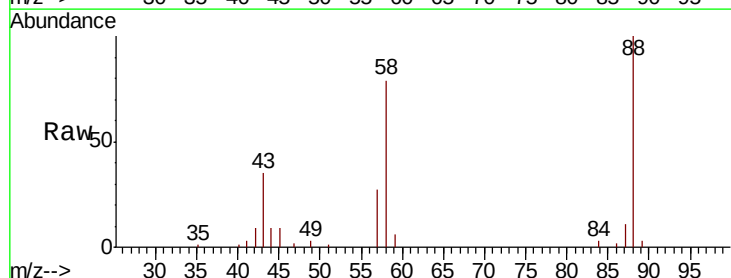
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



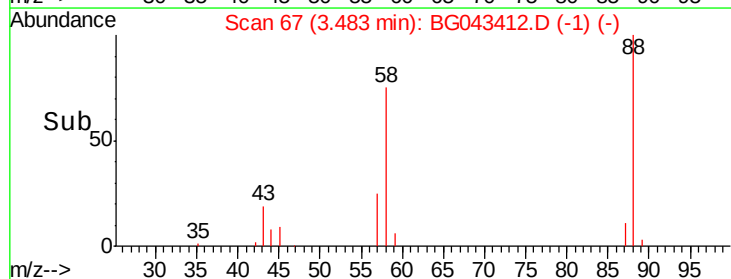
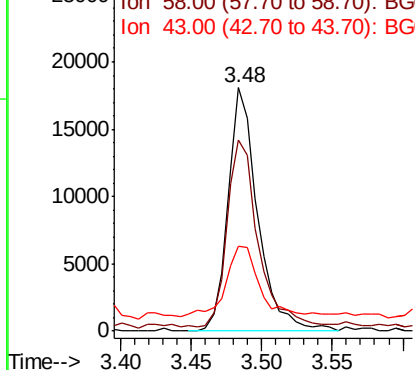
#2

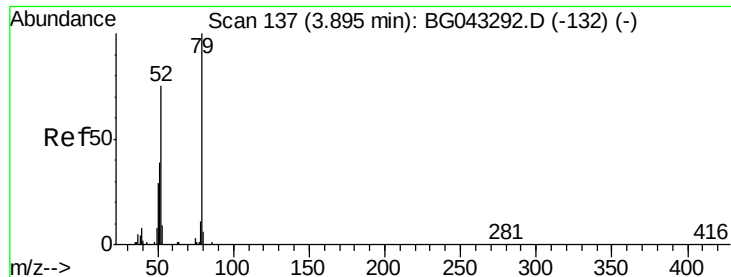
1,4-Dioxane
Concen: 27.510 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion: 88 Resp: 26422
Ion Ratio Lower Upper
88 100
58 79.8 60.2 90.2
43 34.2 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: 26.883 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

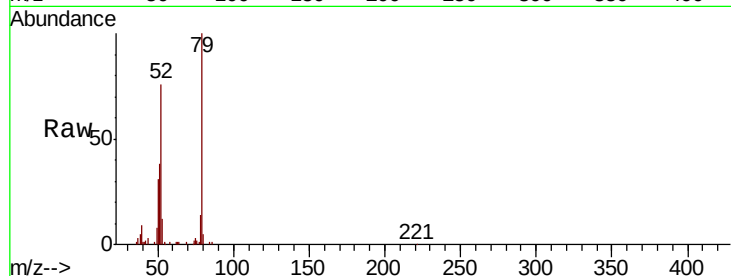
Tot Ion: 79 Resp: 65132

Ion Ratio Lower Upper

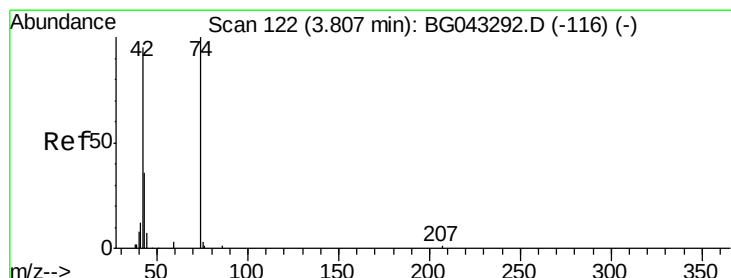
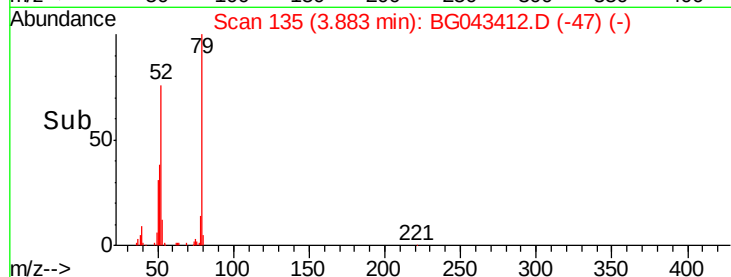
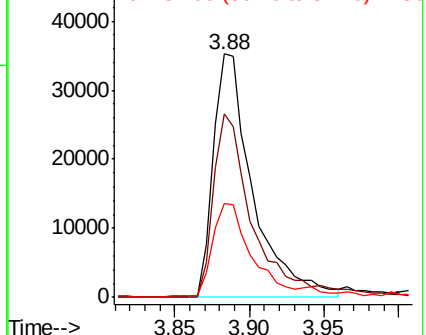
79 100

52 75.6 59.7 89.5

51 38.3 31.8 47.6



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



#4

n-Nitrosodimethylamine

Concen: 33.526 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

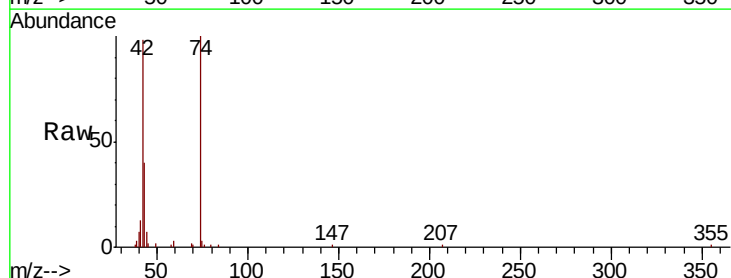
Tgt Ion: 42 Resp: 40988

Ion Ratio Lower Upper

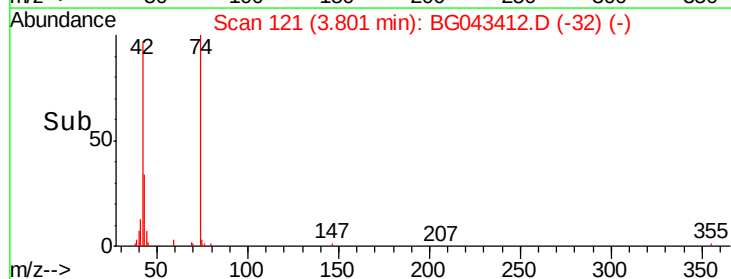
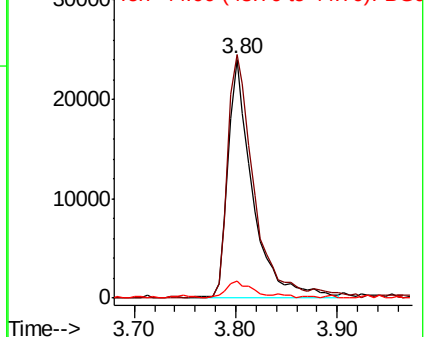
42 100

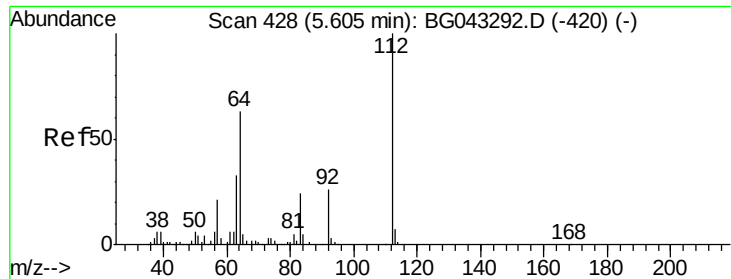
74 102.0 84.2 126.2

44 7.3 6.0 9.0



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





#5

2-Fluorophenol

Concen: 89.394 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

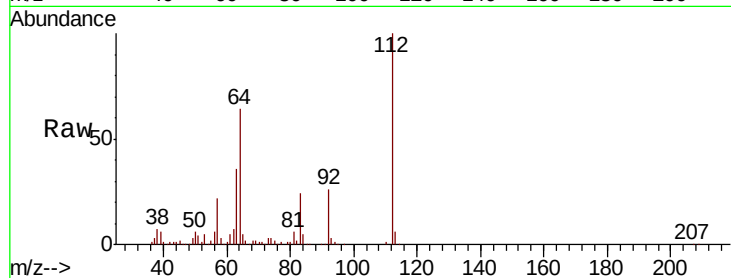
Tot Ion:112 Resp: 220327

Ion Ratio Lower Upper

112 100

64 63.9 50.2 75.2

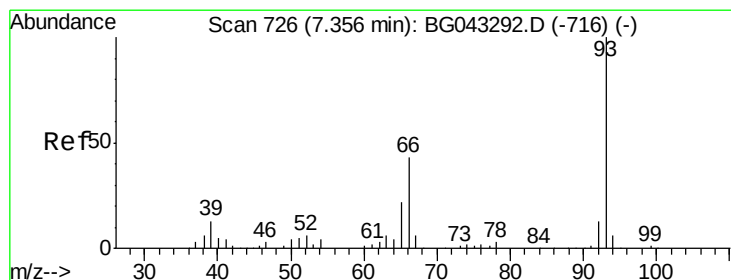
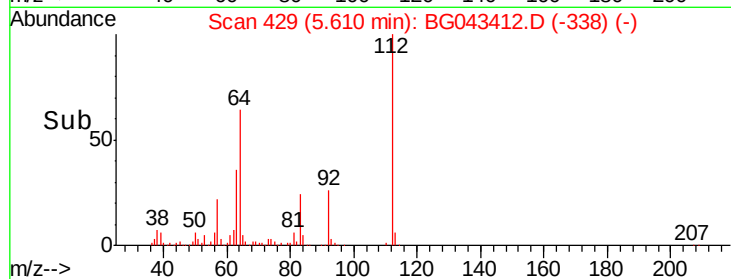
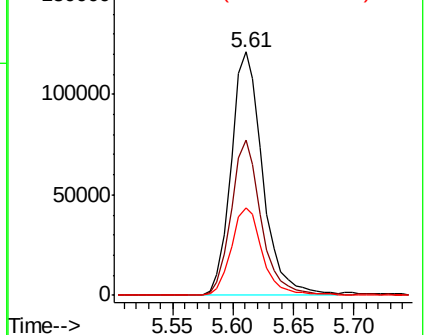
63 35.9 26.7 40.1



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: 19.525 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

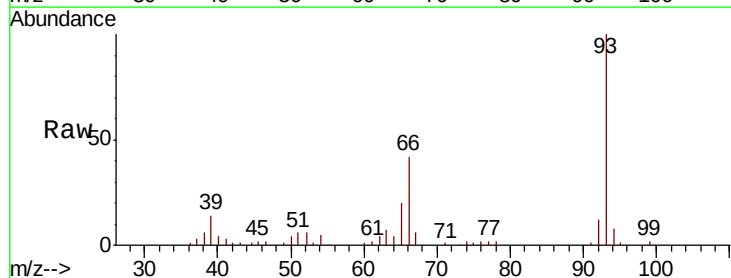
Tgt Ion: 93 Resp: 79758

Ion Ratio Lower Upper

93 100

66 41.9 34.5 51.7

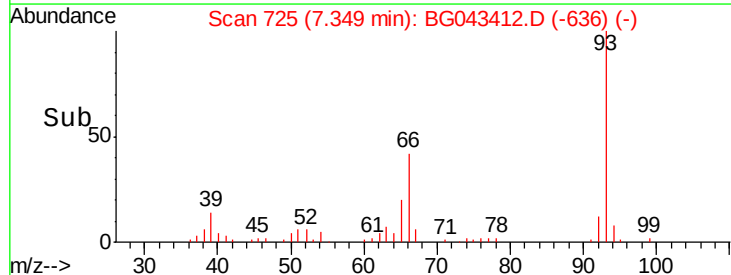
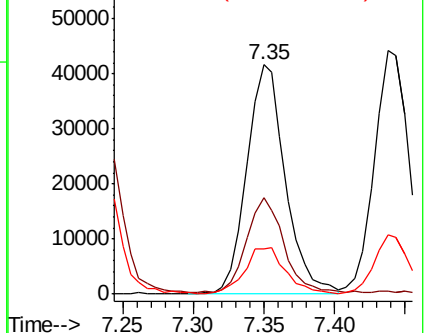
65 19.7 18.0 27.0

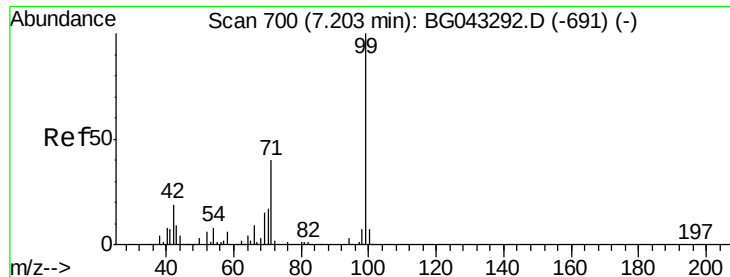


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 89.765 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

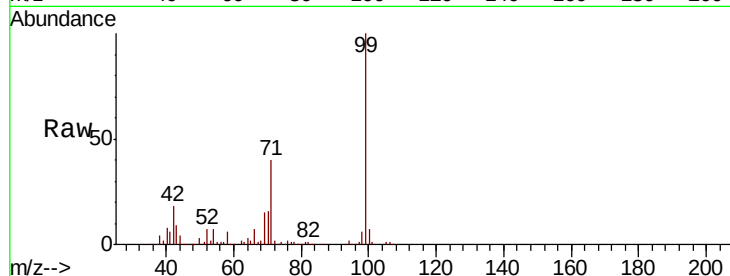
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 318316

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.9	22.3
71	40.1	32.2	48.2

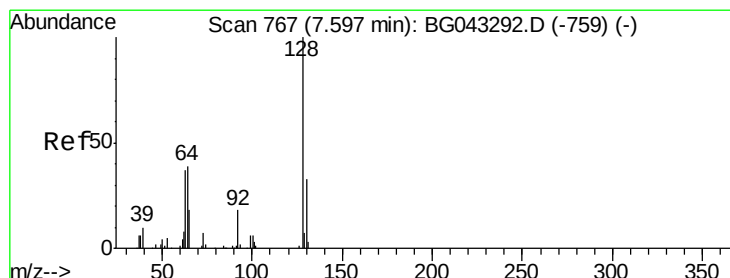
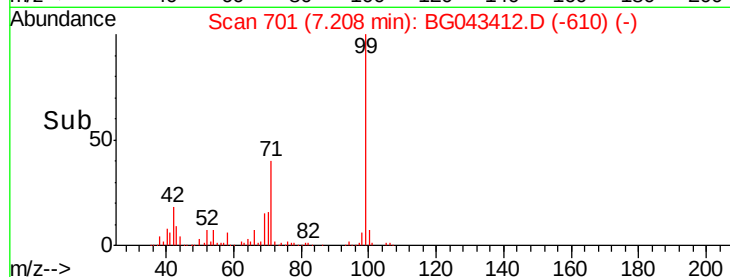
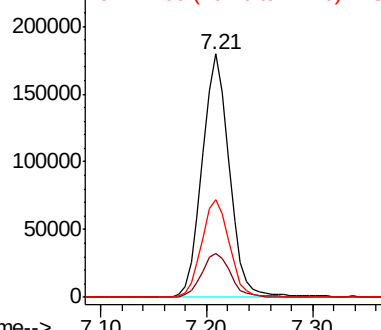


Abundance

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: 35.975 ng

RT: 7.60 min Scan# 767

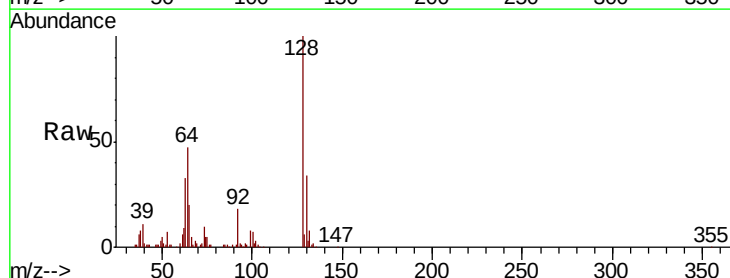
Delta R.T. -0.00 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Tgt Ion: 128 Resp: 97879

Ion	Ratio	Lower	Upper
128	100		
130	34.3	12.9	52.9
64	46.8	24.9	64.9

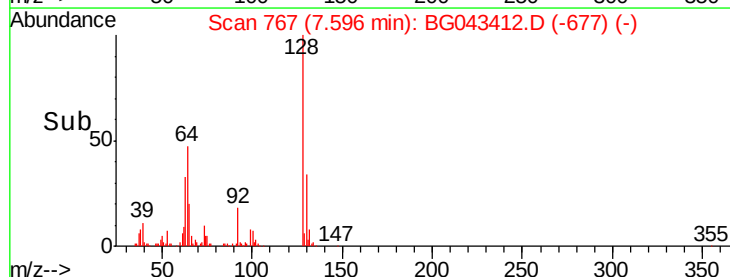
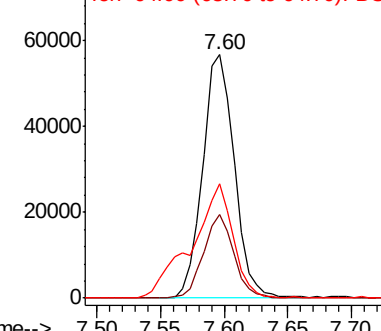


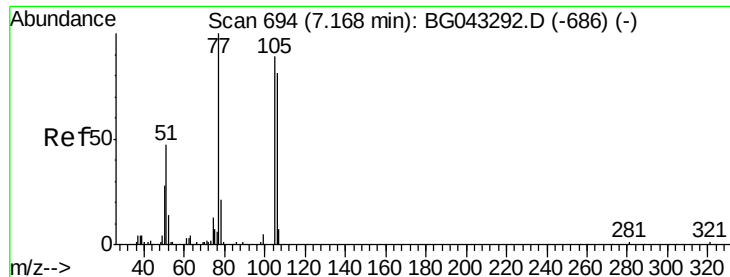
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 27.195 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

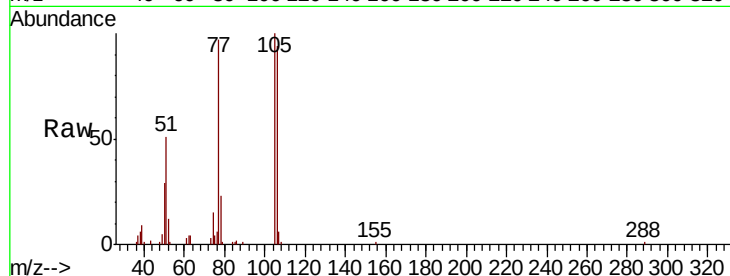
Tot Ion: 77 Resp: 47393

Ion Ratio Lower Upper

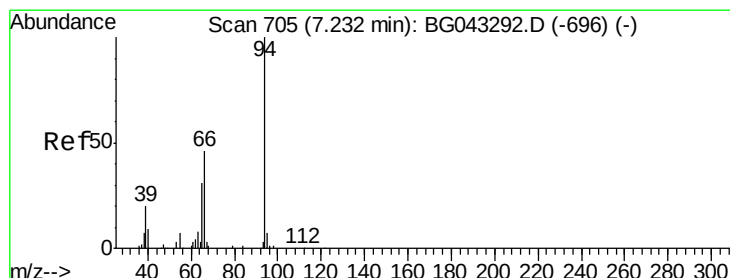
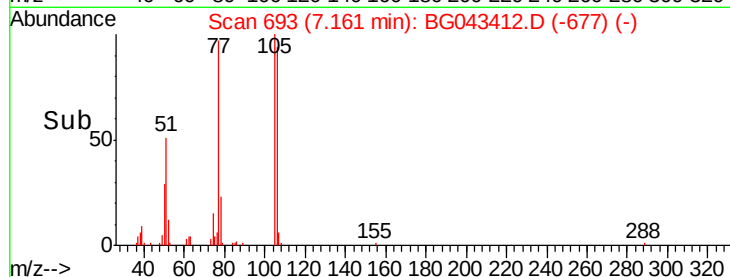
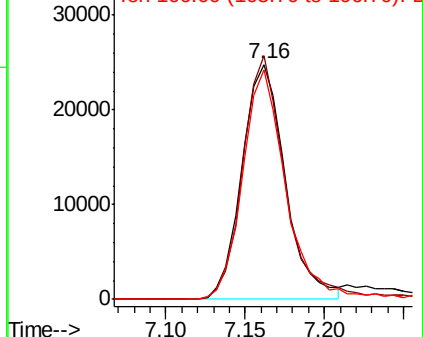
77 100

105 103.5 68.7 108.7

106 97.7 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: 38.780 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

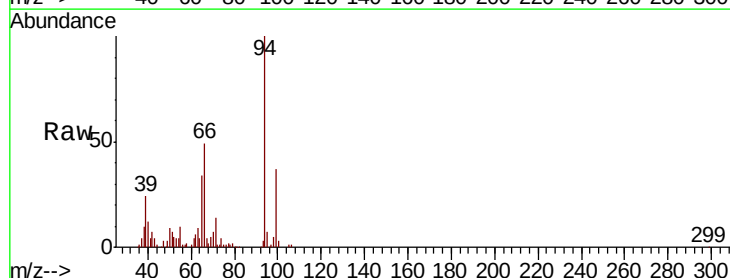
Tgt Ion: 94 Resp: 125663

Ion Ratio Lower Upper

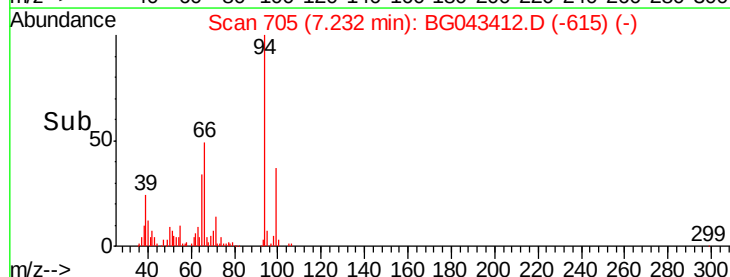
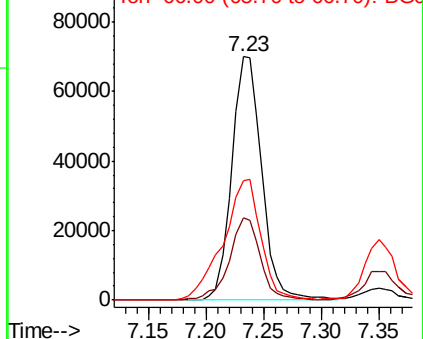
94 100

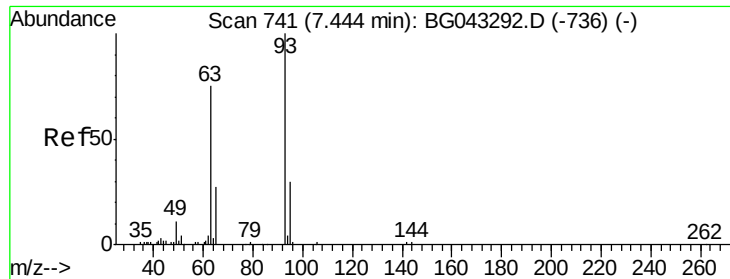
65 33.7 11.1 51.1

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

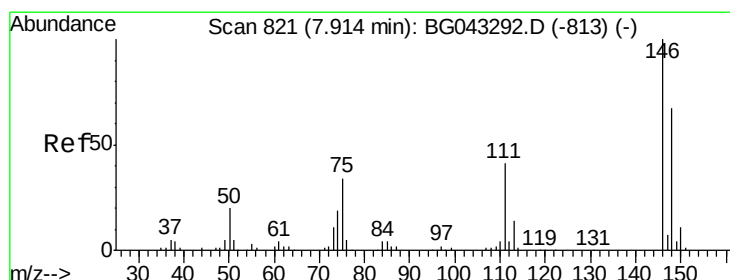
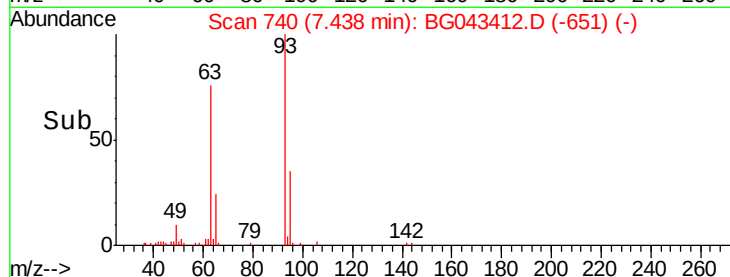
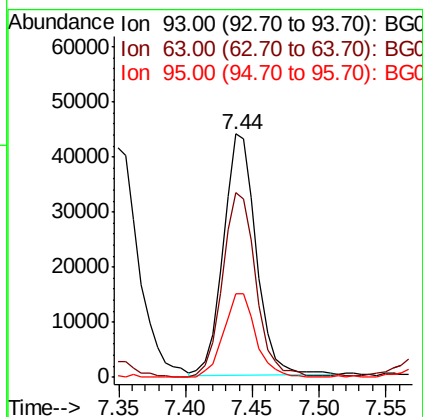
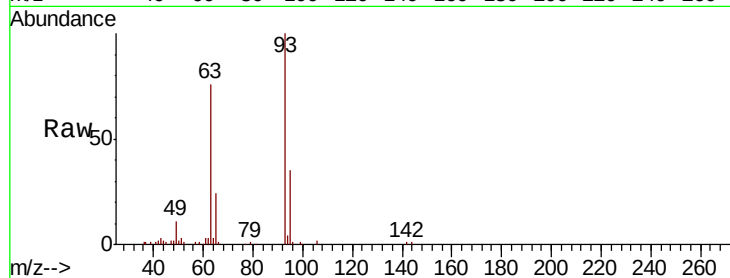




#11
 bis(2-Chloroethyl)ether
 Concen: 30.300 ng
 RT: 7.44 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

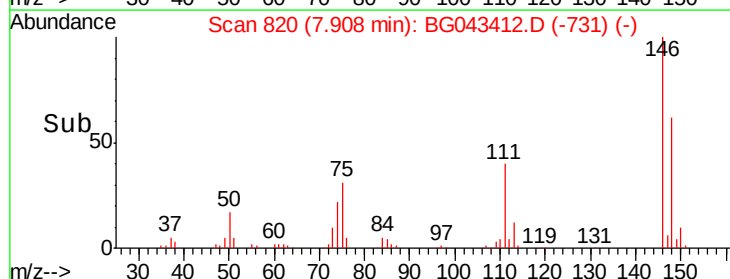
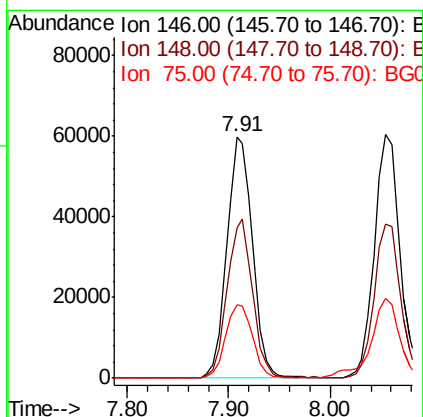
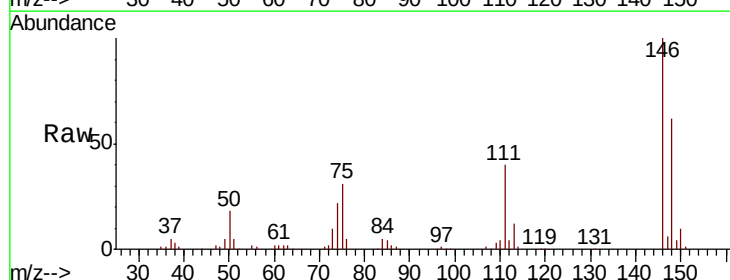
Instrument :
 BNA_G
 ClientSampleId :

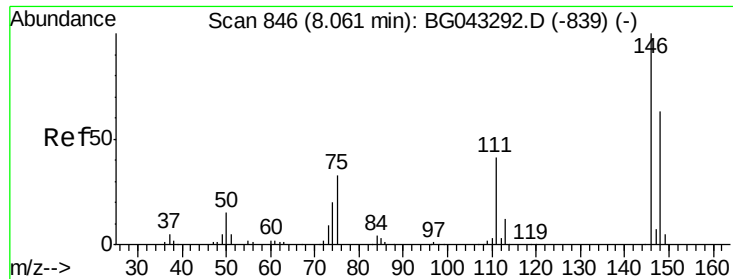
Tot Ion: 93 Resp: 75910
 Ion Ratio Lower Upper
 93 100
 63 76.0 54.6 94.6
 95 34.5 9.7 49.7



#12
 1,3-Dichlorobenzene
 Concen: 30.726 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion: 146 Resp: 104739
 Ion Ratio Lower Upper
 146 100
 148 62.3 53.4 80.2
 75 30.6 27.0 40.4

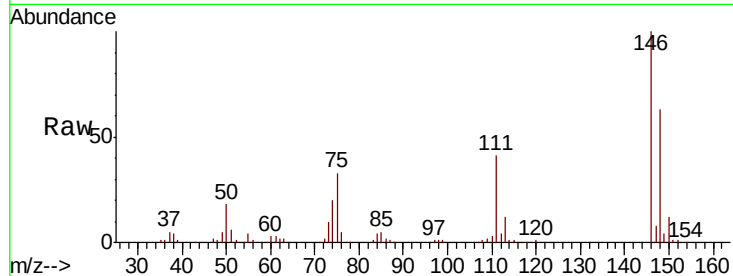




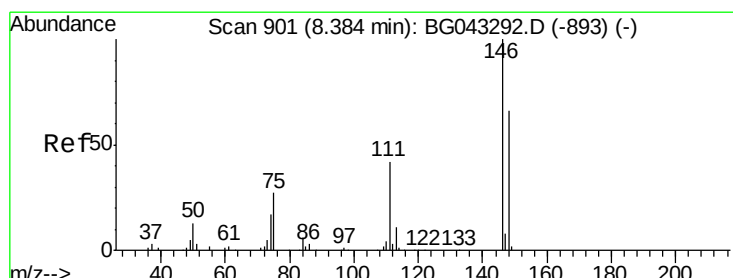
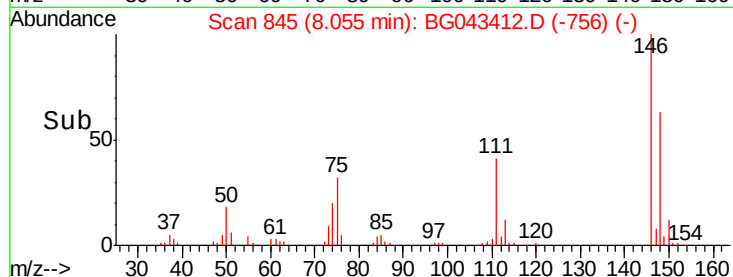
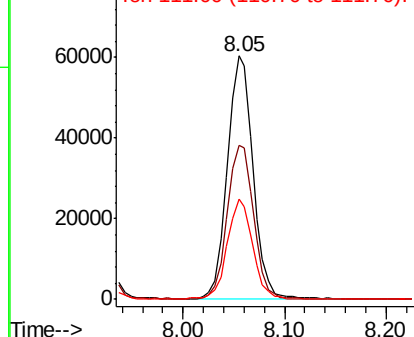
#13
1,4-Dichlorobenzene
Concen: 30.820 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 106296
Ion Ratio Lower Upper
146 100
148 63.2 50.7 76.1
111 41.1 33.0 49.6

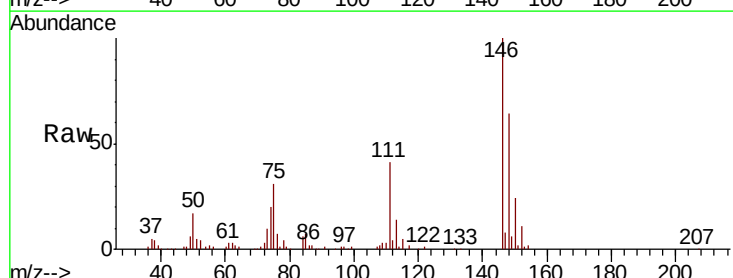


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

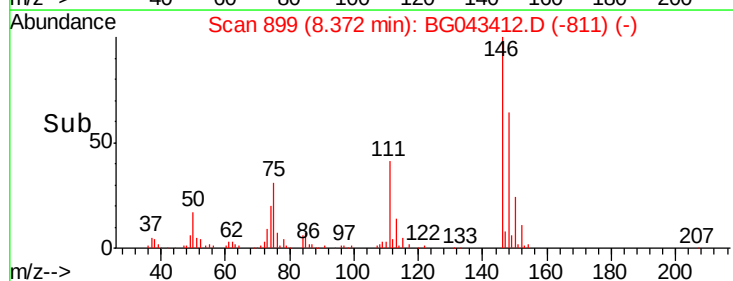
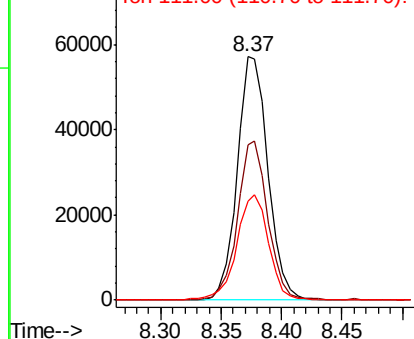


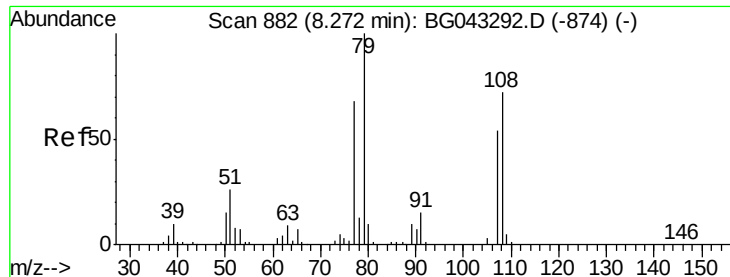
#14
1,2-Dichlorobenzene
Concen: 30.113 ng
RT: 8.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion:146 Resp: 101404
Ion Ratio Lower Upper
146 100
148 63.6 53.0 79.4
111 40.7 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: 34.199 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampled :

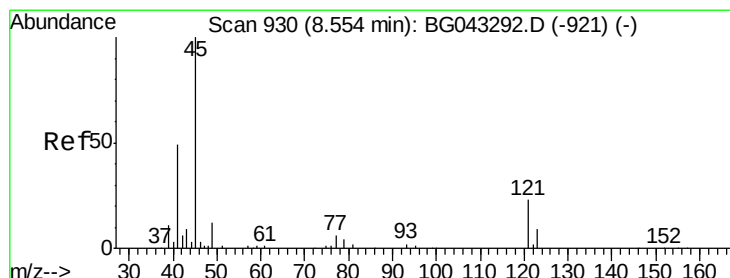
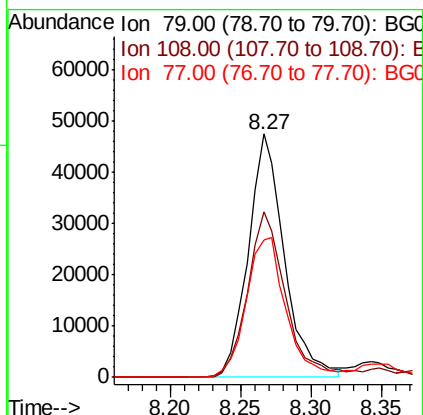
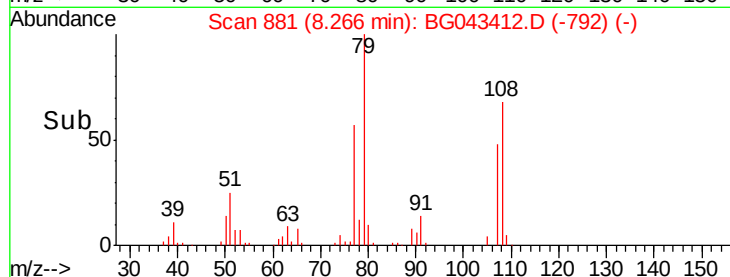
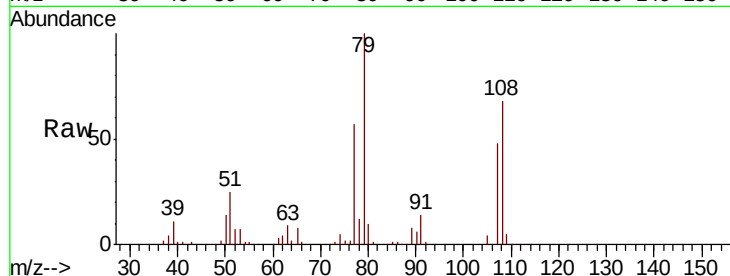
Tot Ion: 79 Resp: 85170

Ion Ratio Lower Upper

79 100

108 67.7 57.3 85.9

77 56.6 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.099 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

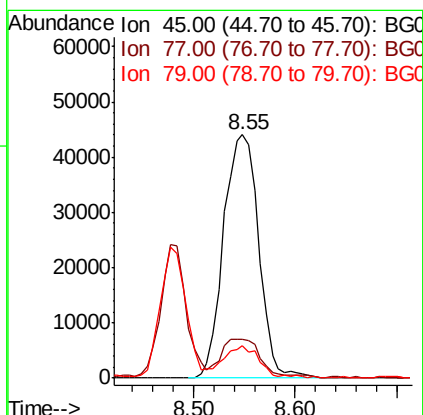
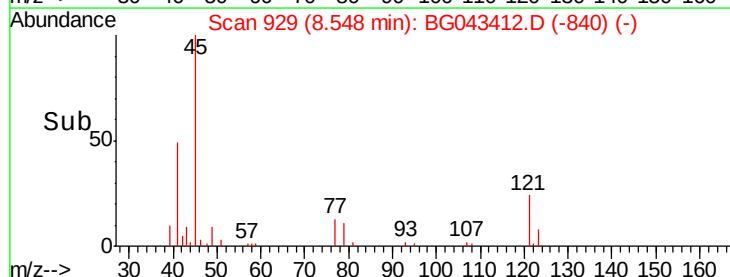
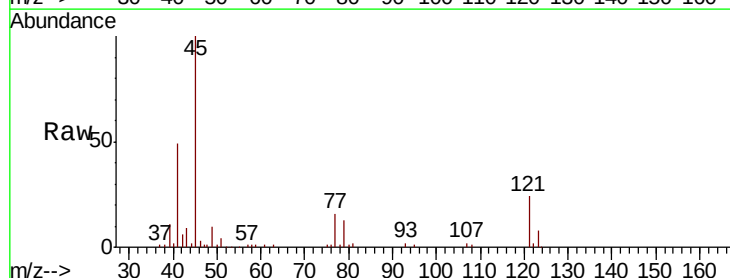
Tgt Ion: 45 Resp: 106003

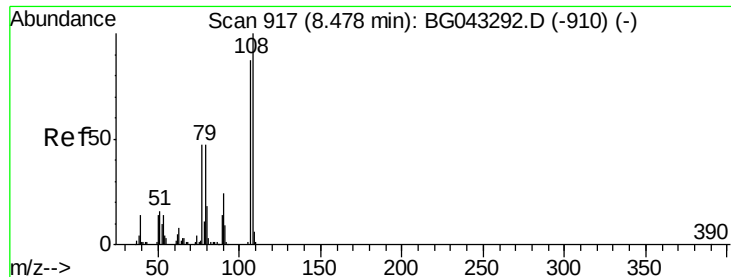
Ion Ratio Lower Upper

45 100

77 15.8 0.0 34.2

79 13.2 0.0 32.3





#17

2-Methylphenol

Concen: 33.892 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 80062

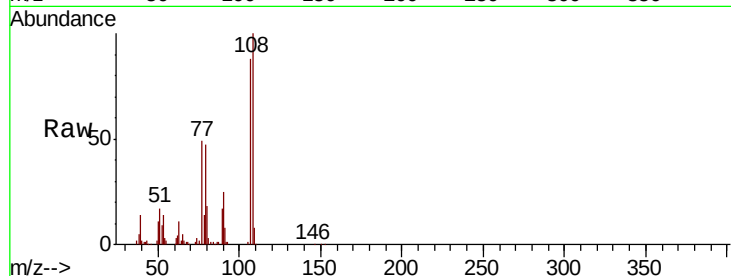
Ion Ratio Lower Upper

107 100

108 113.3 91.3 136.9

77 55.9 43.0 64.6

79 52.9 43.4 65.2

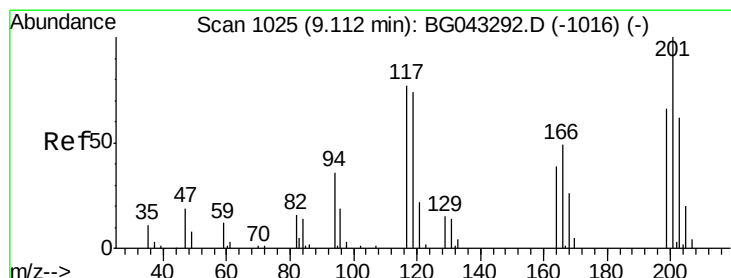
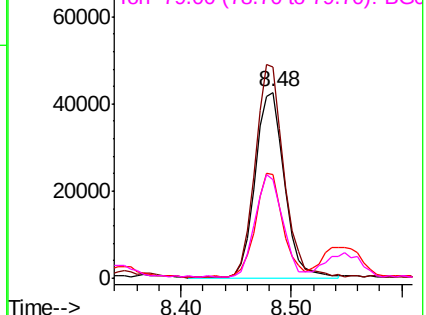
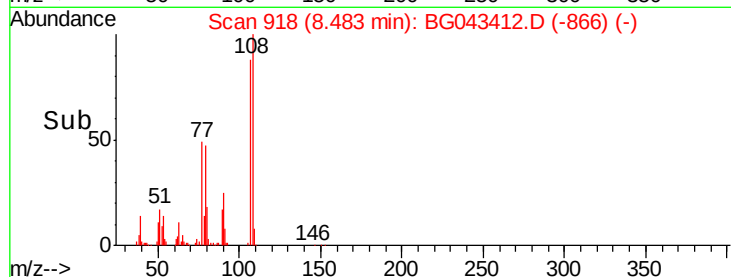


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 30.136 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

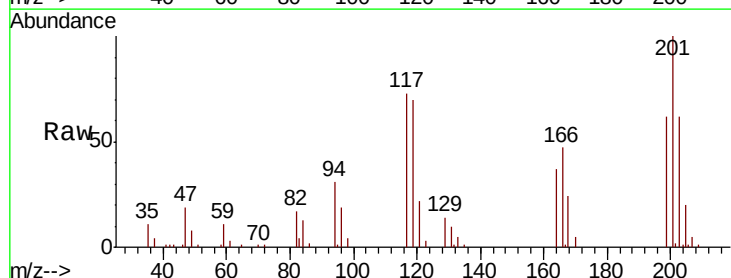
Tgt Ion:117 Resp: 37499

Ion Ratio Lower Upper

117 100

119 95.4 77.3 115.9

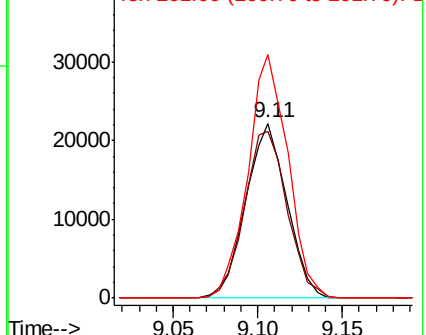
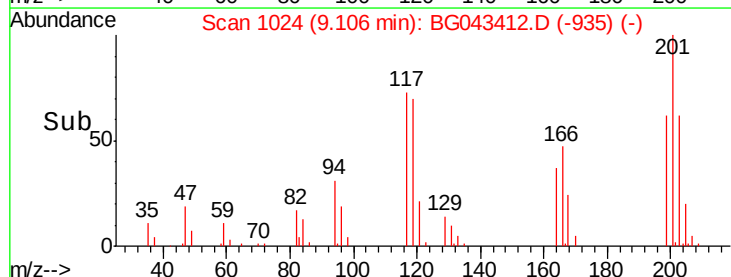
201 139.4 104.2 156.4

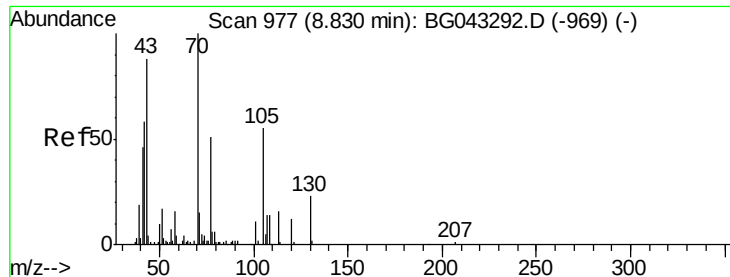


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

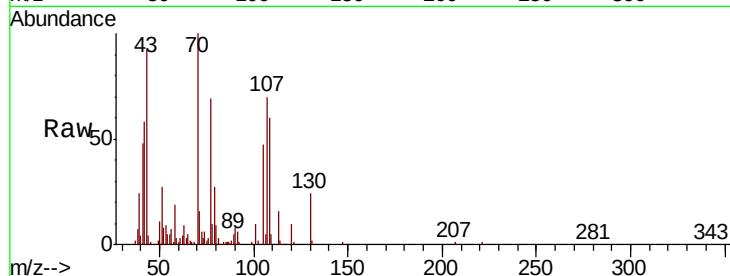




#19
n-Nitroso-di-n-propylamine
Concen: 30.495 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.5	46.2	69.2
101	10.3	8.6	13.0
130	24.1	18.6	27.8



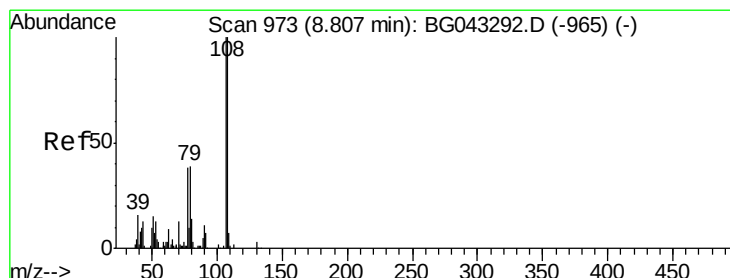
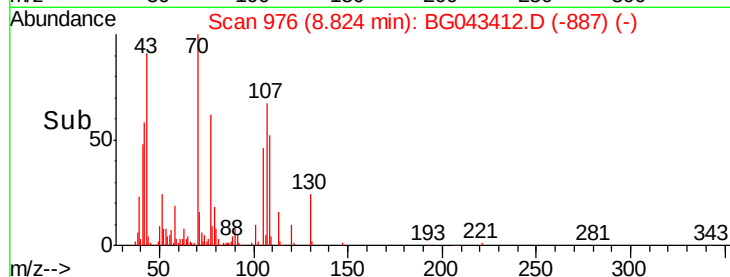
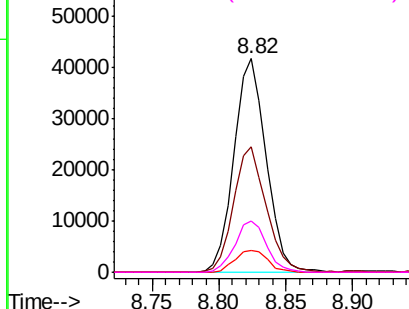
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

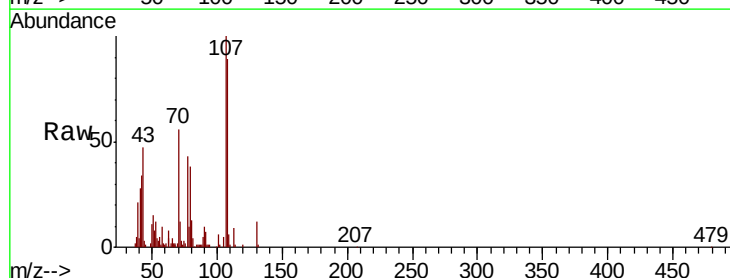
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 32.675 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	80.3	120.3
77	43.0	18.2	58.2
79	37.8	18.8	58.8



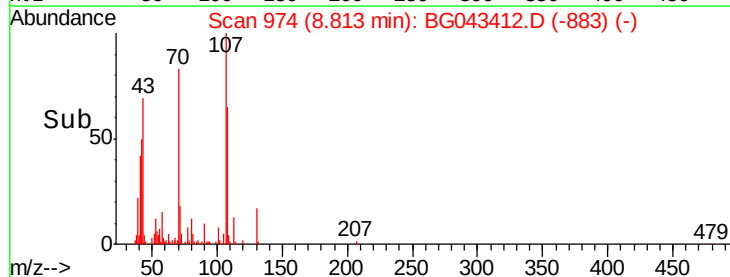
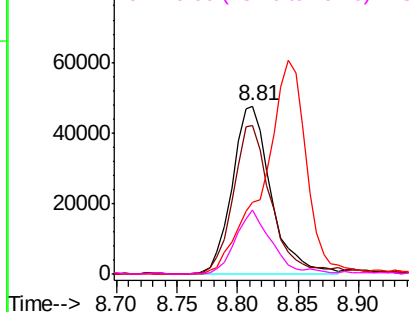
Abundance

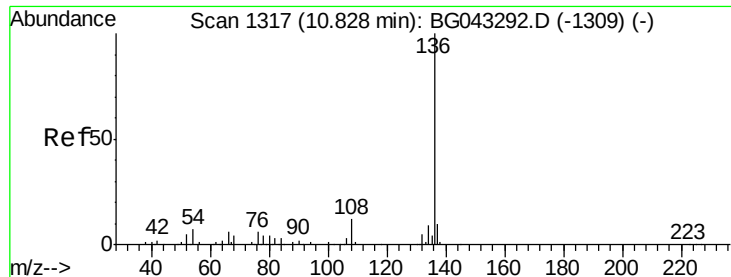
Ion 107.00 (106.70 to 107.70): BGC

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

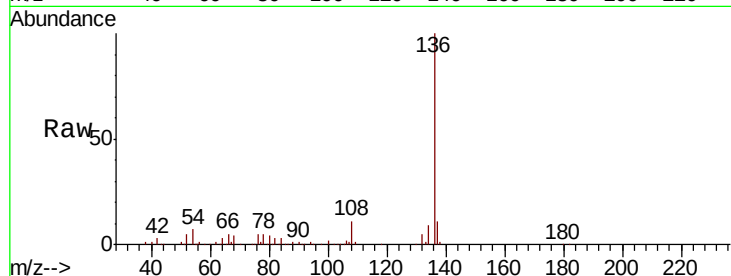




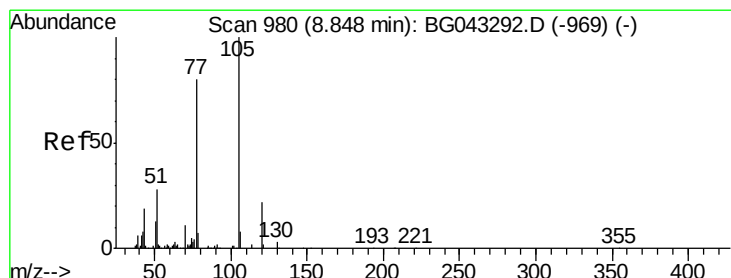
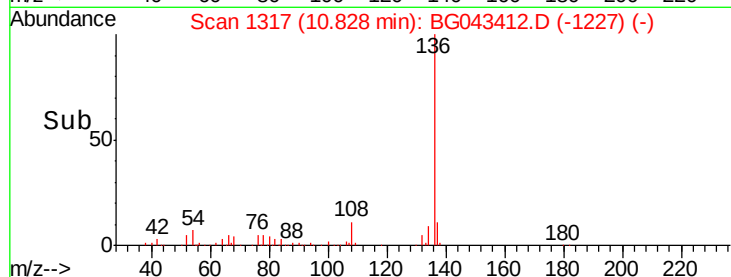
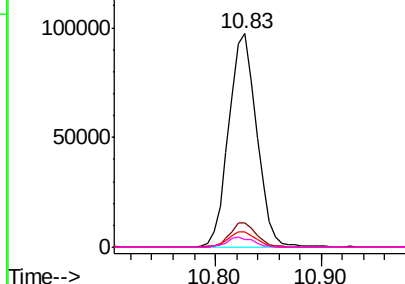
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	178952	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.2	12.2	
54 7.1	5.4	8.2	
68 3.8	3.3	4.9	

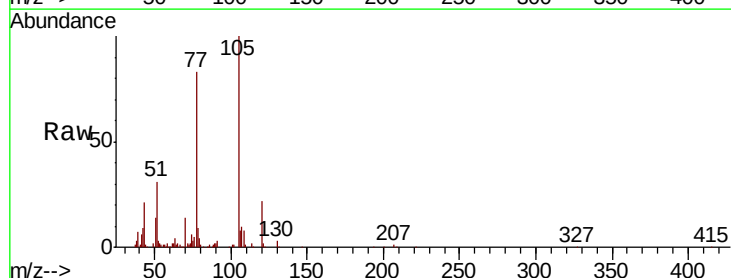


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

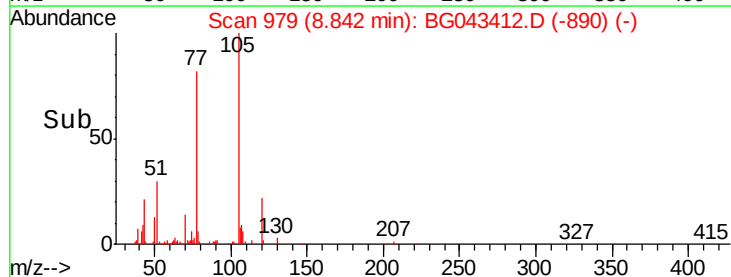
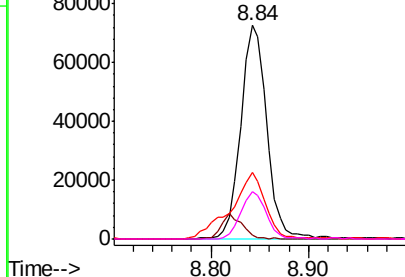


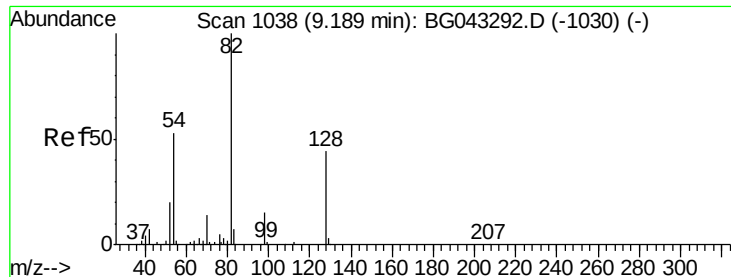
#22
Acetophenone
Concen: 29.707 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt	Ion:105	Resp:	136142
Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.5	2.3
51	31.3	23.9	35.9
120	22.3	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: 54.995 ng

RT: 9.18 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

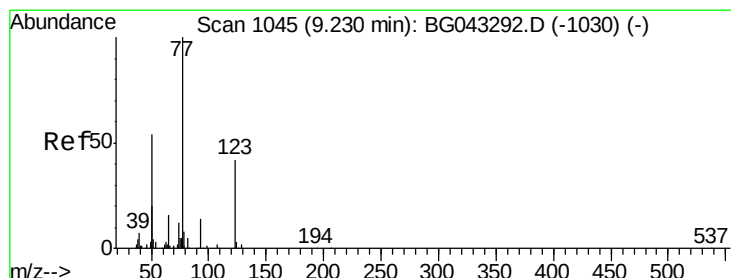
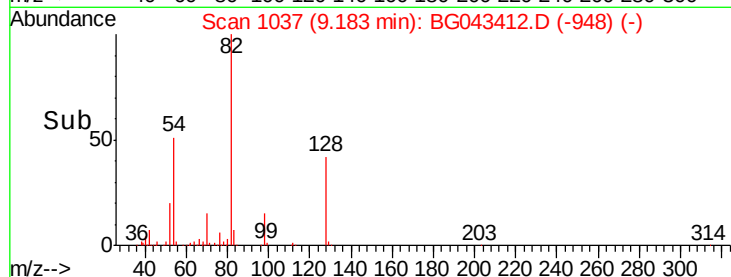
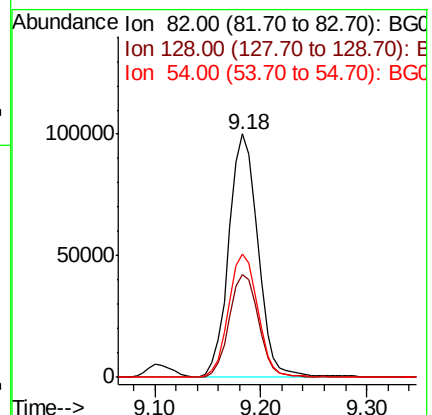
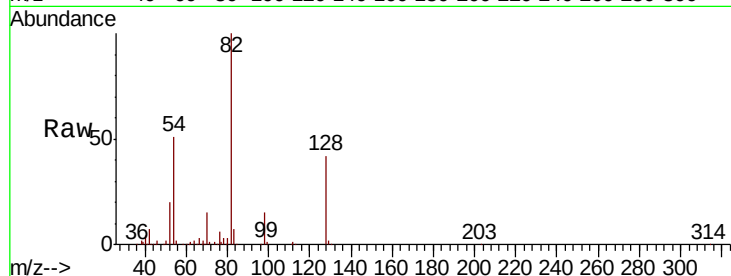
Tot Ion: 82 Resp: 190893

Ion Ratio Lower Upper

82 100

128 42.2 35.3 52.9

54 50.7 42.3 63.5



#24

Nitrobenzene

Concen: 32.286 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

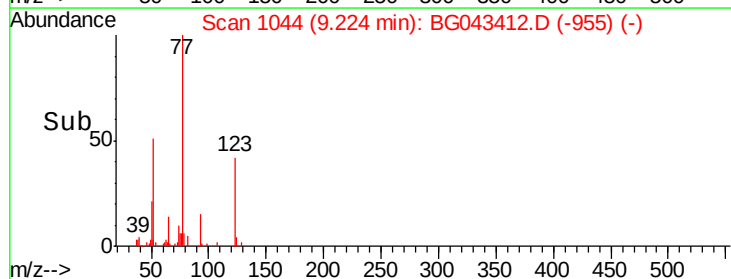
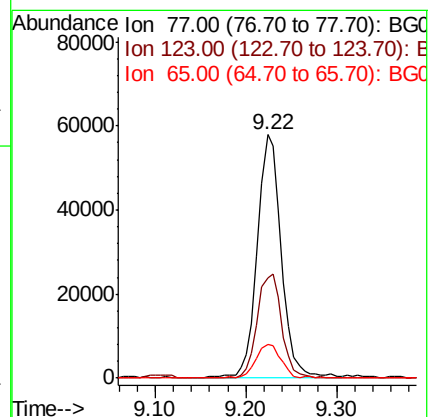
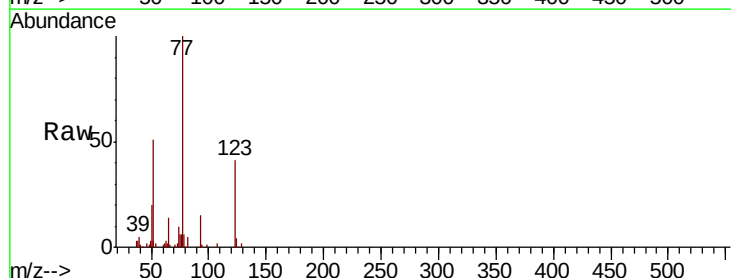
Tgt Ion: 77 Resp: 106759

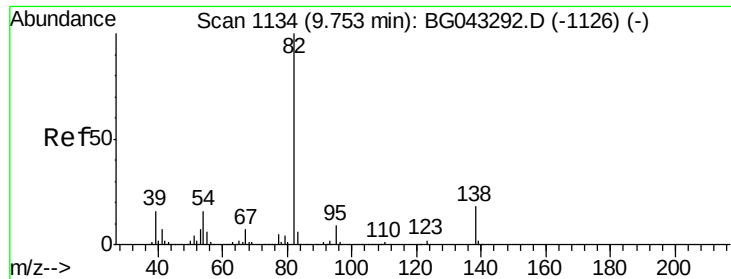
Ion Ratio Lower Upper

77 100

123 41.4 33.8 50.8

65 13.6 13.0 19.4





#25

Isophorone

Concen: 31.171 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

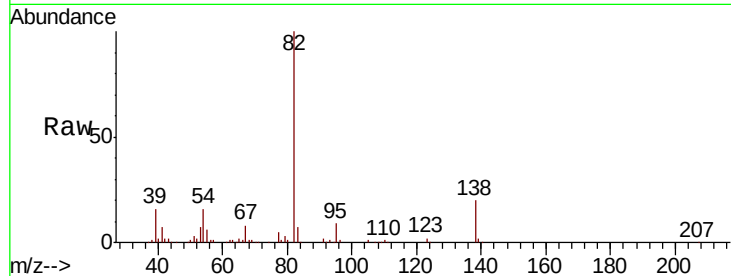
Tot Ion: 82 Resp: 197819

Ion Ratio Lower Upper

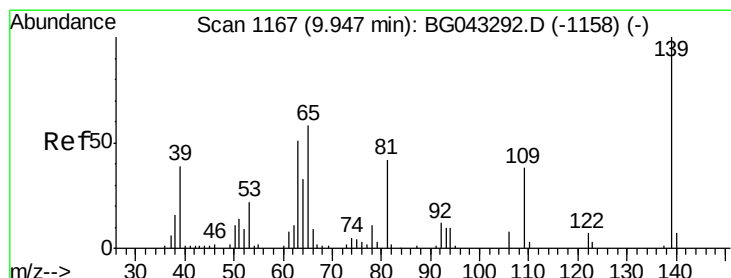
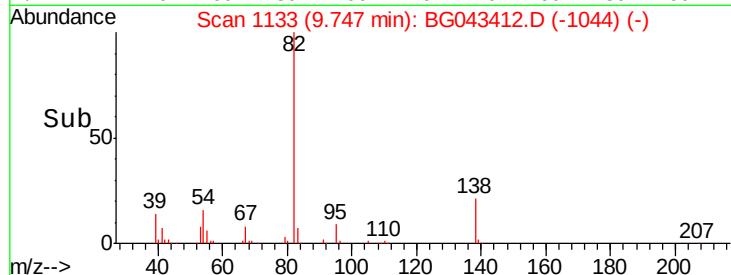
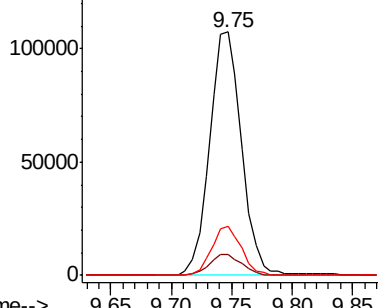
82 100

95 8.7 6.9 10.3

138 20.4 14.2 21.2



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



#26

2-Nitrophenol

Concen: 33.856 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

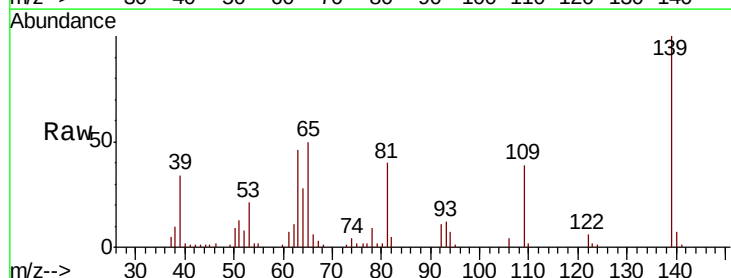
Tgt Ion: 139 Resp: 54047

Ion Ratio Lower Upper

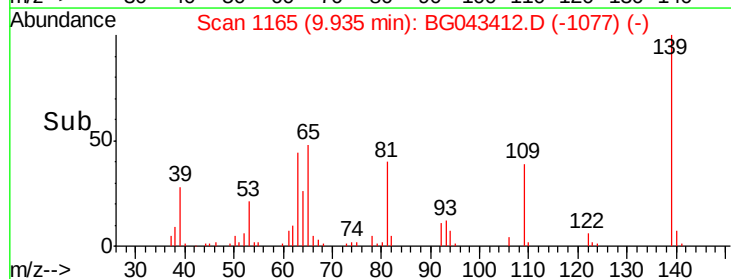
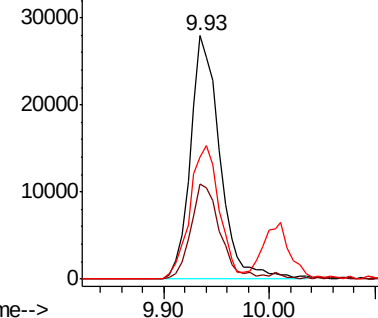
139 100

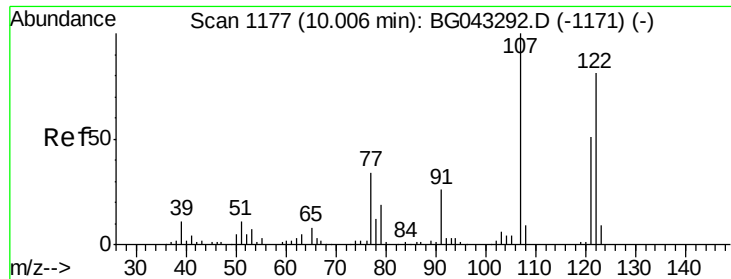
109 39.0 30.1 45.1

65 50.0 46.1 69.1



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

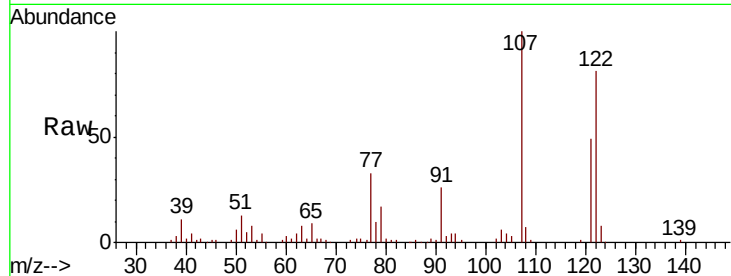




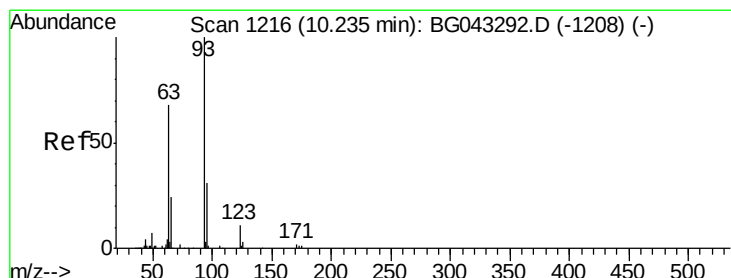
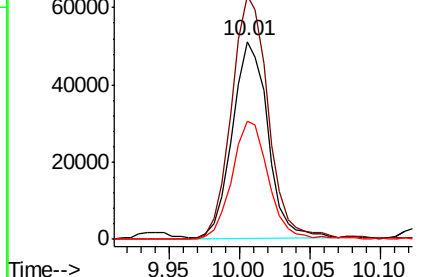
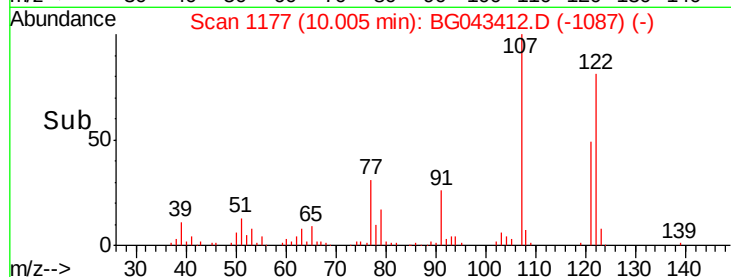
#27
 2,4-Dimethylphenol
 Concen: 39.339 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 90009
 Ion Ratio Lower Upper
 122 100
 107 123.0 98.6 147.8
 121 59.7 50.1 75.1

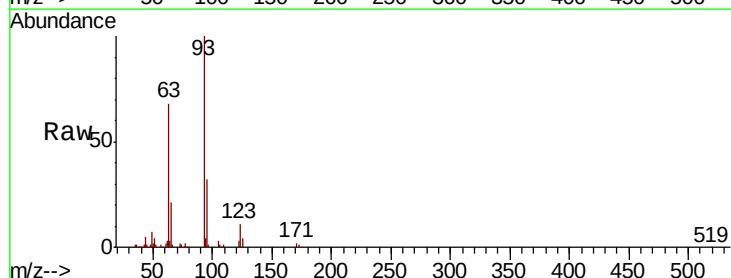


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

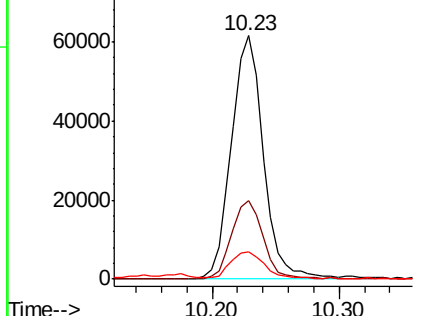
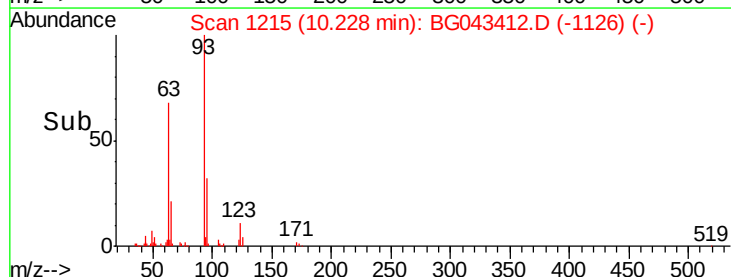


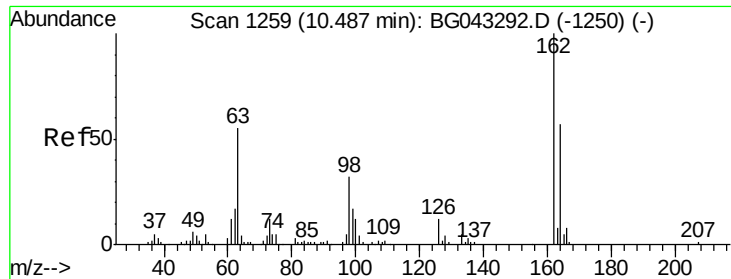
#28
 bis(2-Chloroethoxy)methane
 Concen: 30.628 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion: 93 Resp: 107276
 Ion Ratio Lower Upper
 93 100
 95 32.4 24.9 37.3
 123 11.2 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

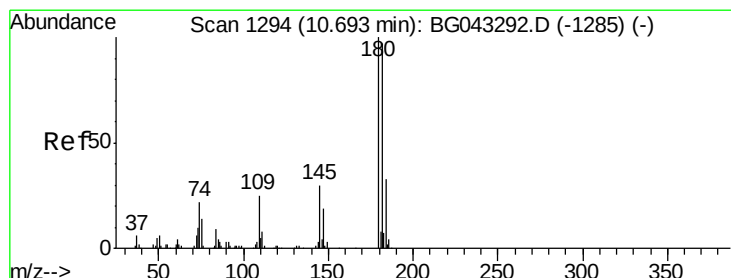
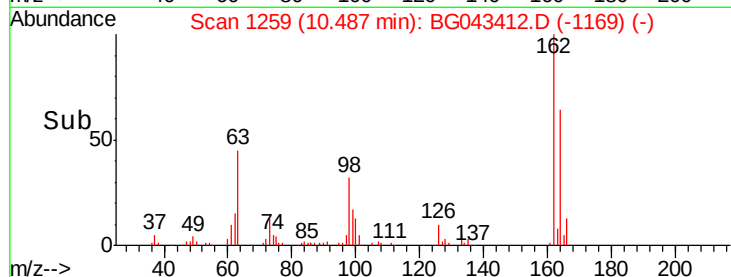
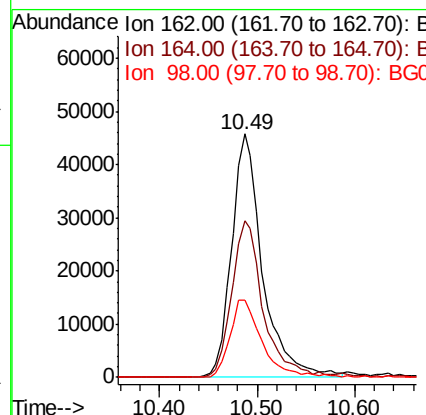
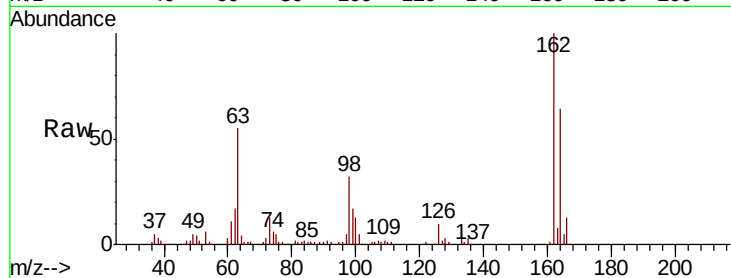




#29
 2,4-Dichlorophenol
 Concen: 34.318 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

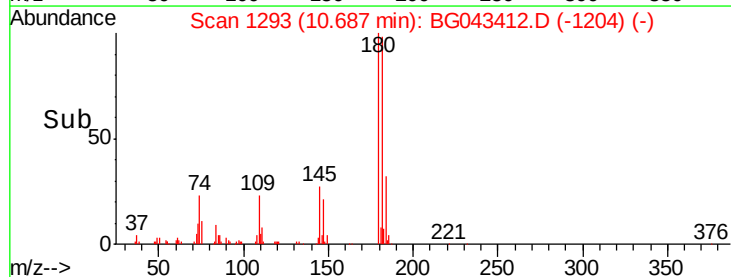
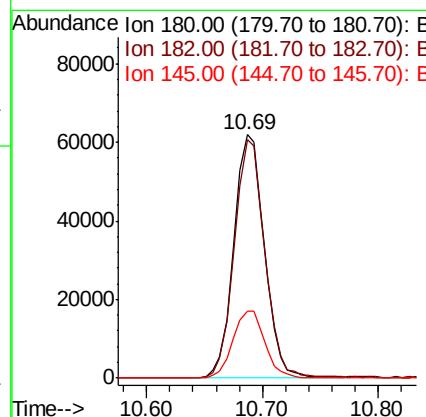
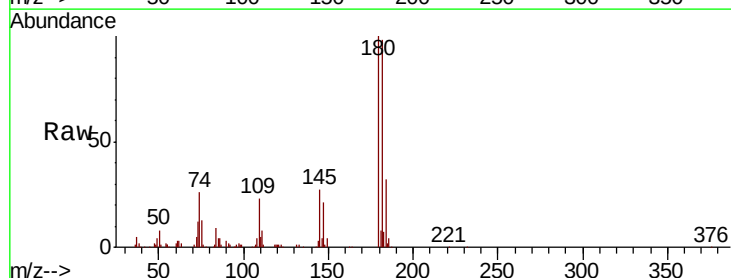
Instrument :
 BNA_G
 ClientSampleId :

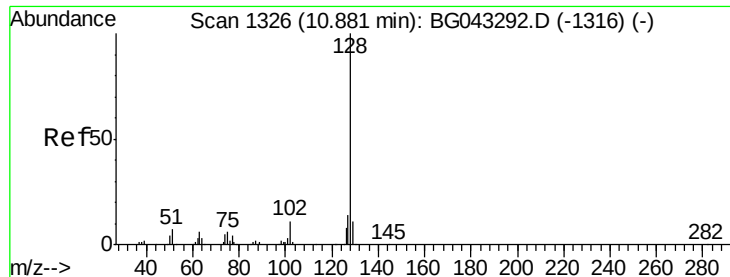
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	37.3	77.3
98	31.7	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 30.845 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.8	116.8
145	27.3	23.6	35.4

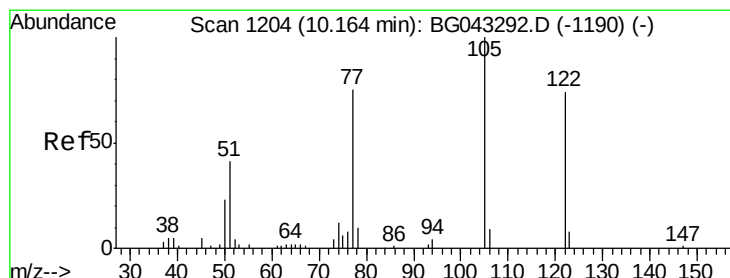
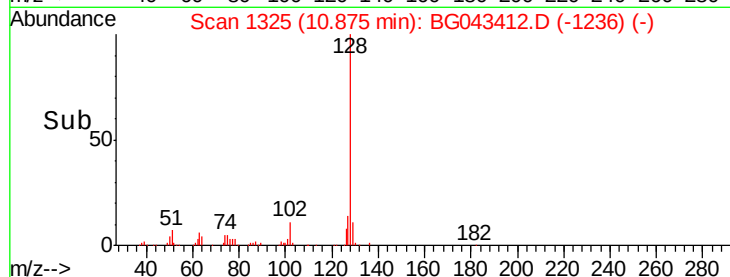
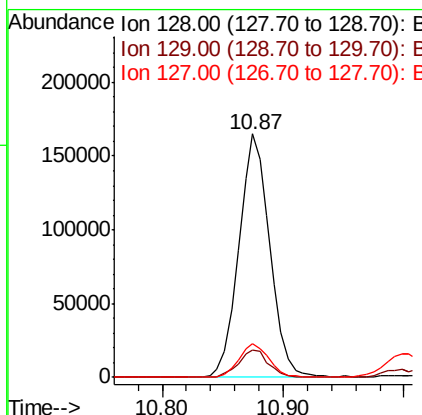
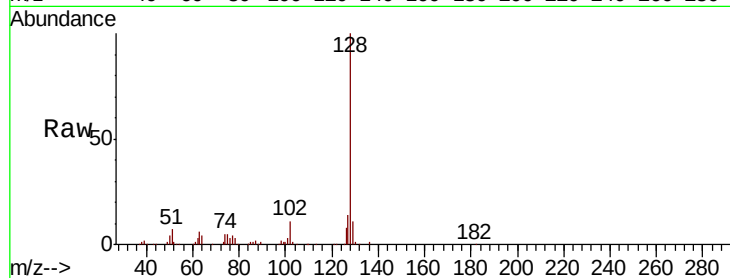




#31
Naphthalene
Concen: 32.294 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

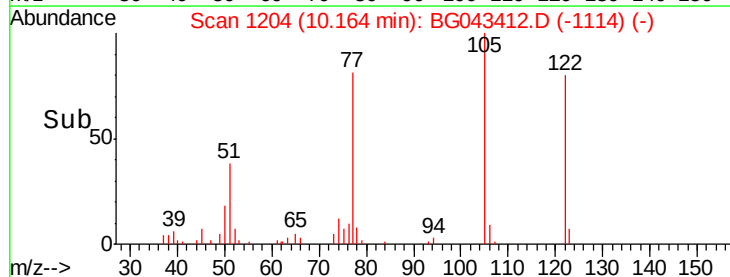
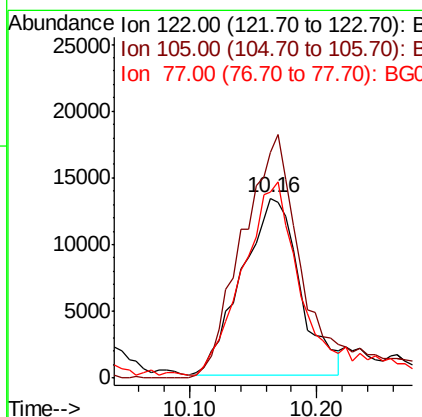
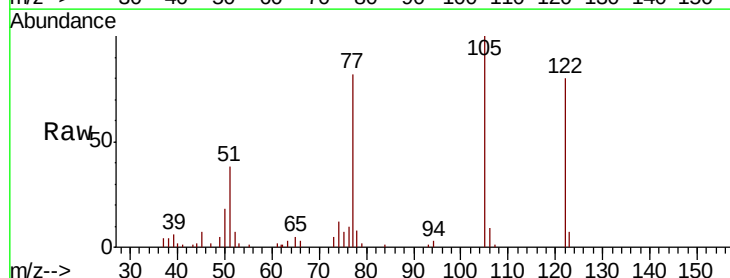
Instrument :
BNA_G
ClientSampleId :

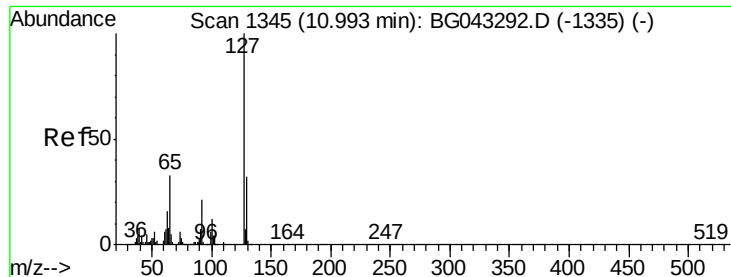
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	14.1	11.5	17.3



#32
Benzoic acid
Concen: 28.747 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.6	112.4	152.4
77	103.0	82.7	122.7

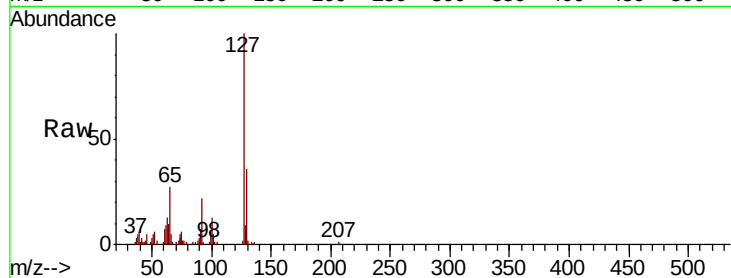




#33
4-Chloroaniline
Concen: 11.499 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.3	25.8	38.8
65	27.3	26.2	39.2
92	21.8	17.0	25.4



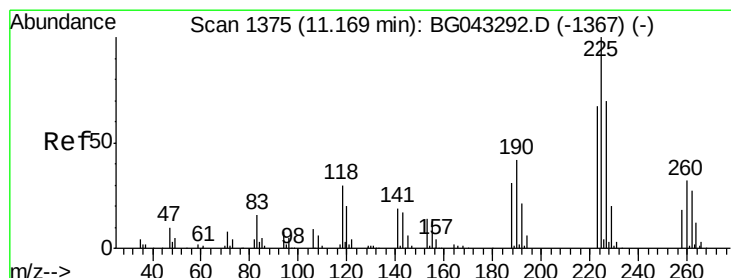
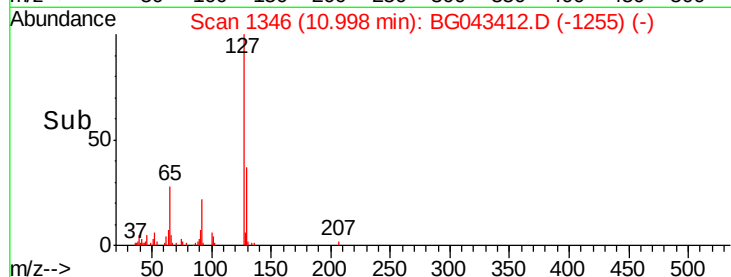
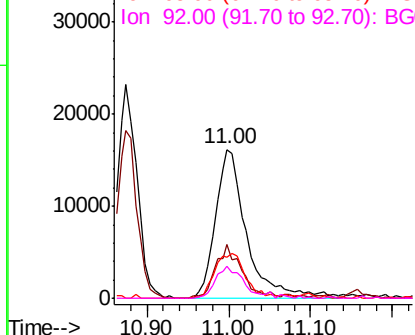
Abundance

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

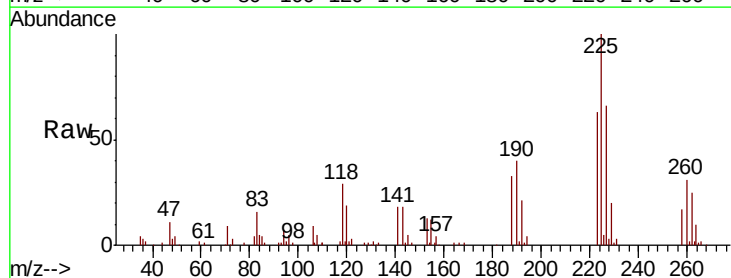
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 29.408 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	53.2	79.8
227	66.0	56.2	84.2

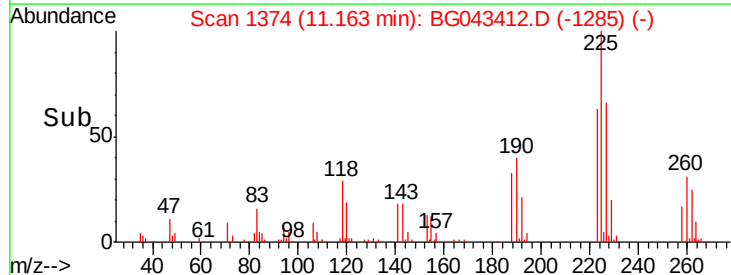
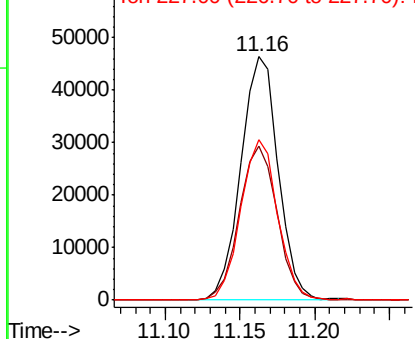


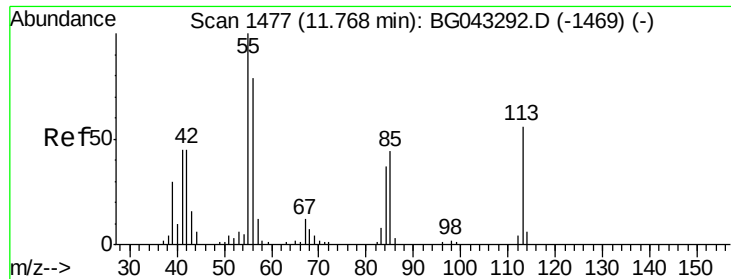
Abundance

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

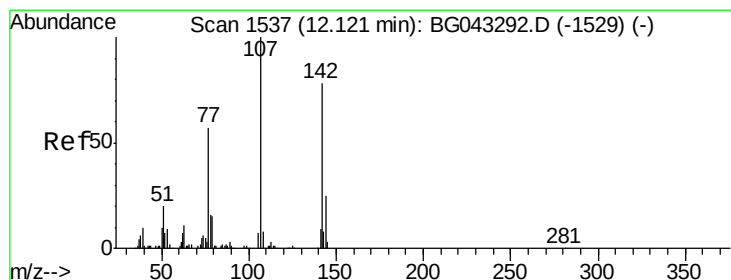
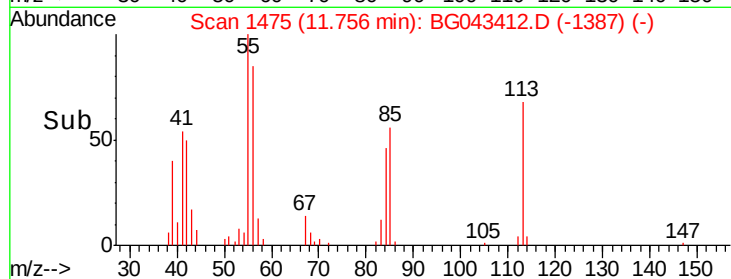
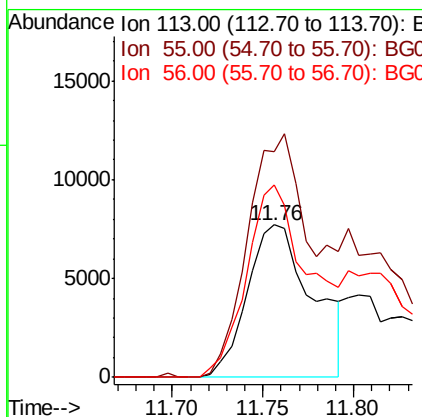
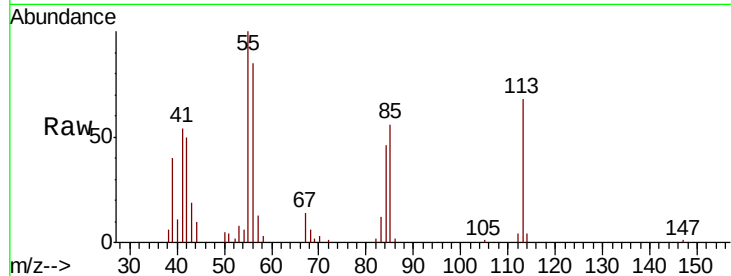




#35
 Caprolactam
 Concen: 19.177 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

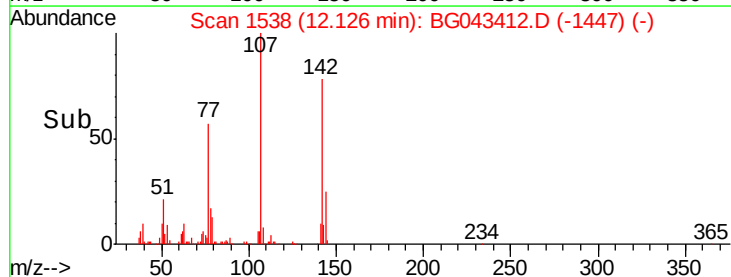
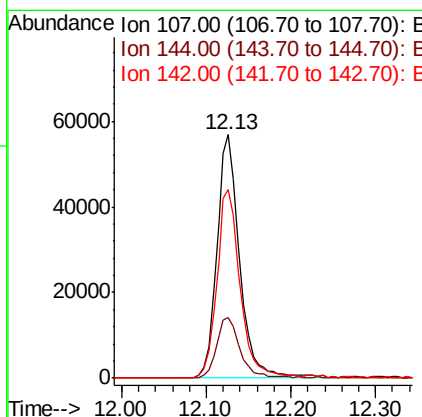
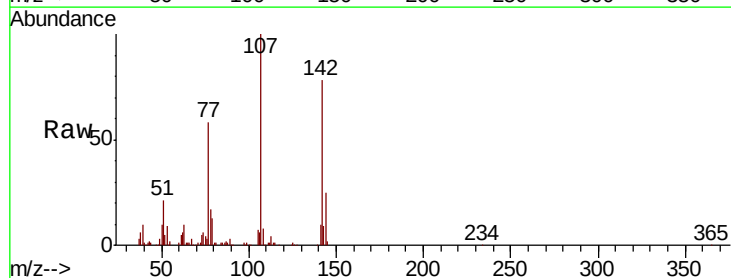
Instrument :
 BNA_G
 ClientSampleId :

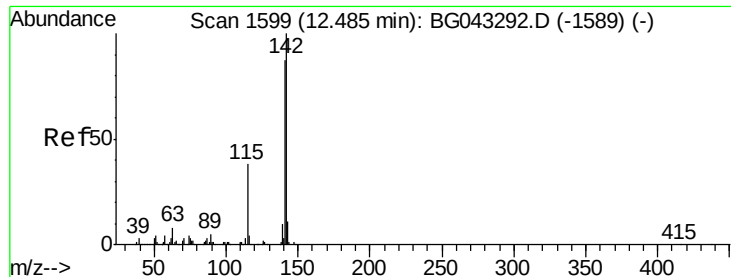
Tot Ion:113 Resp: 19362
 Ion Ratio Lower Upper
 113 100
 55 148.1 158.9 198.9#
 56 126.0 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 33.485 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion:107 Resp: 107079
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.9 29.9
 142 77.5 62.1 93.1

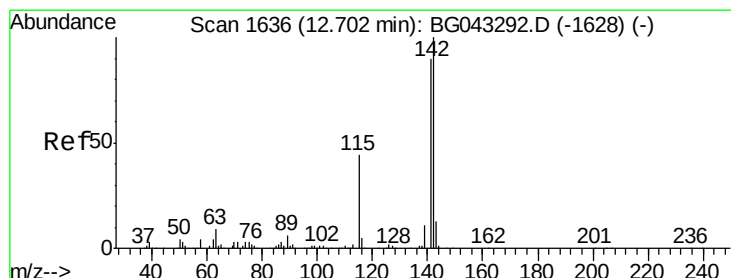
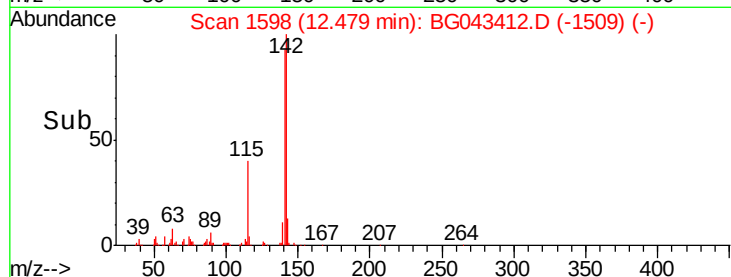
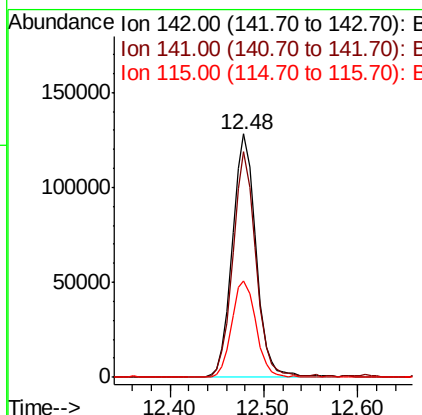
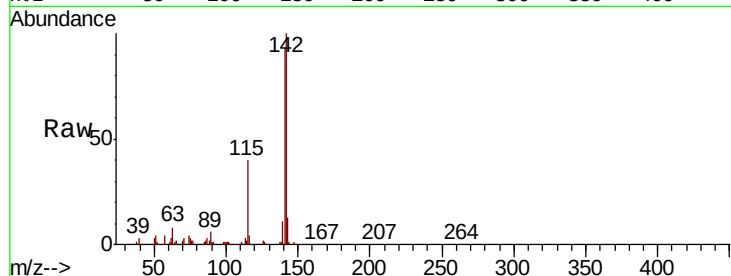




#37
 2-Methylnaphthalene
 Concen: 32.145 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

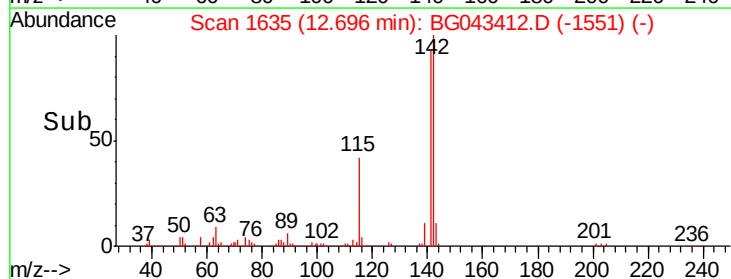
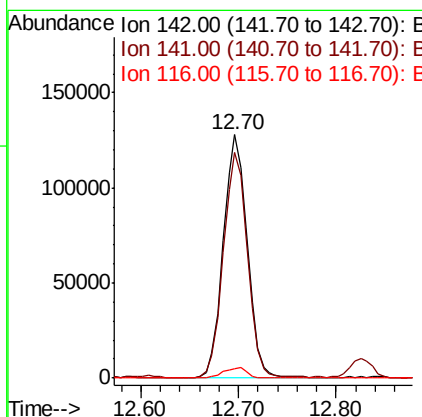
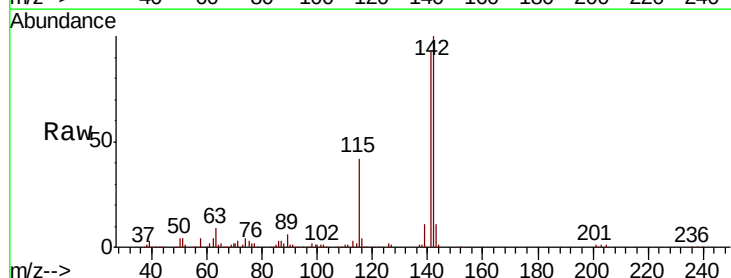
Instrument :
 BNA_G
 ClientSampleId :

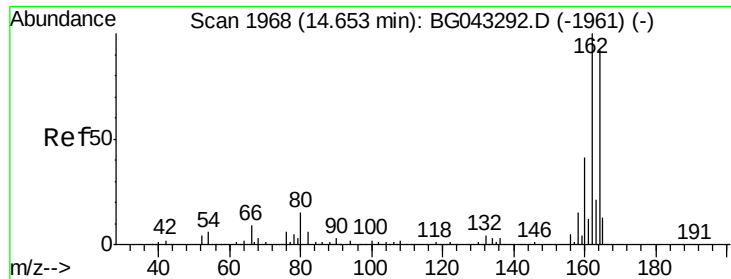
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	69.7	104.5
115	39.7	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 32.765 ng
 RT: 12.70 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.3	108.5
116	3.9	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

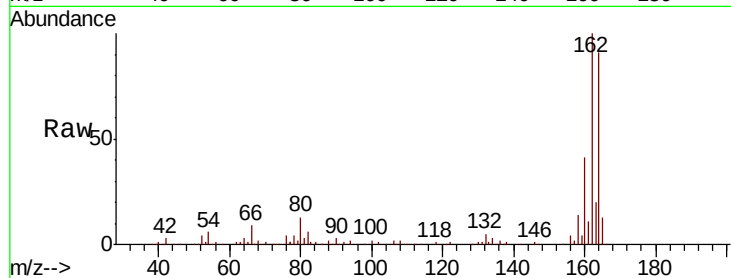
Tot Ion:164 Resp: 128971

Ion Ratio Lower Upper

164 100

162 110.1 87.0 130.4

160 45.5 35.5 53.3

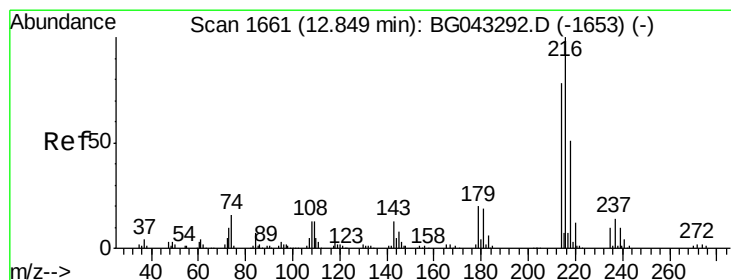
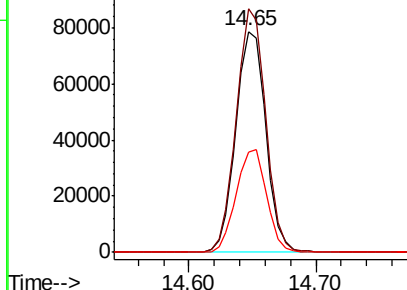
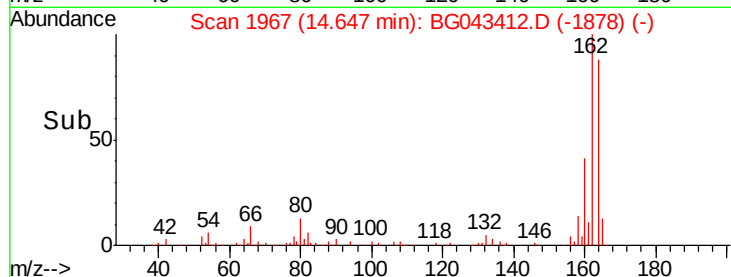


Abundance

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: 30.683 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Tgt Ion:216 Resp: 146452

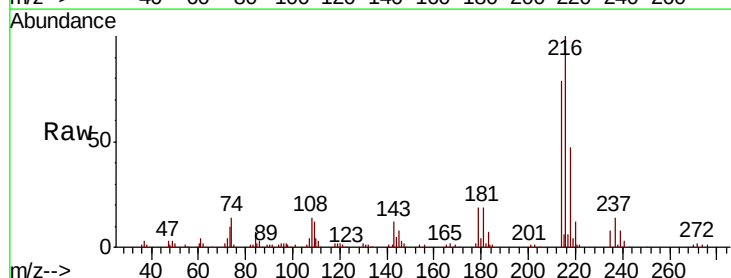
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 20.3 16.2 24.2

108 16.6 11.2 16.8



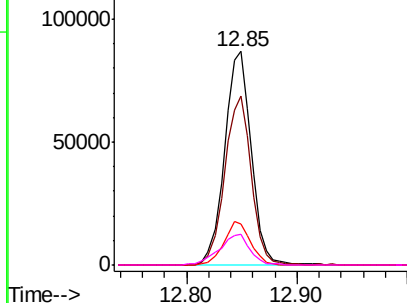
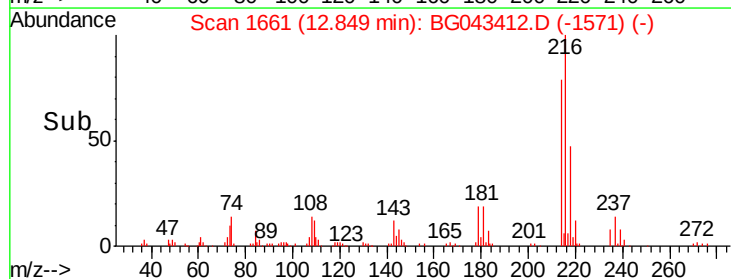
Abundance

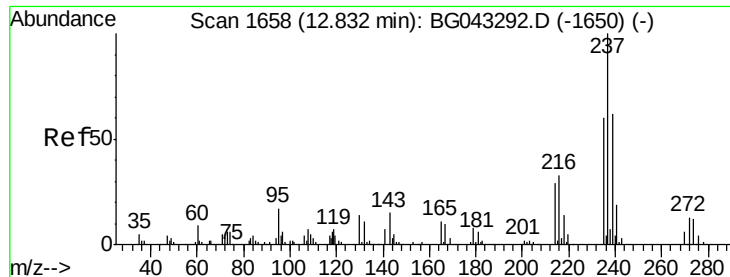
Ion 216.00 (215.70 to 216.70): E

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

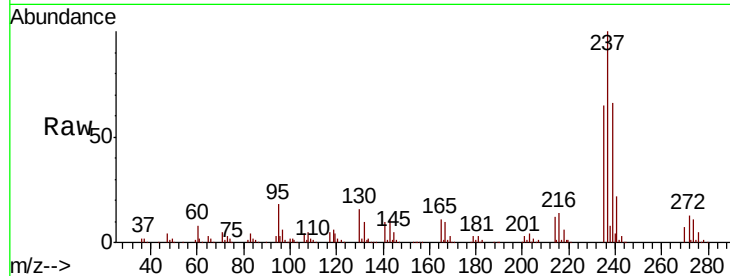




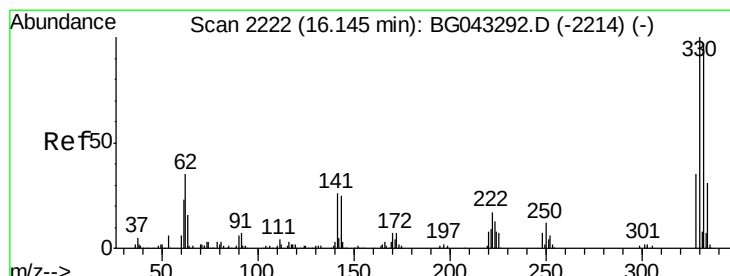
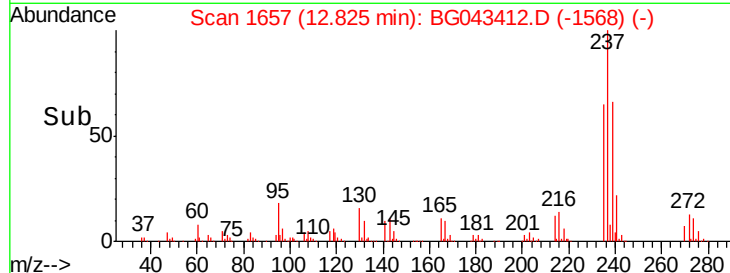
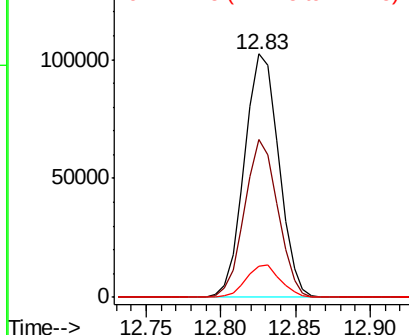
#41
Hexachlorocyclopentadiene
Concen: 65.087 ng
RT: 12.83 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.7	40.3	80.3
272	12.8	0.0	32.9

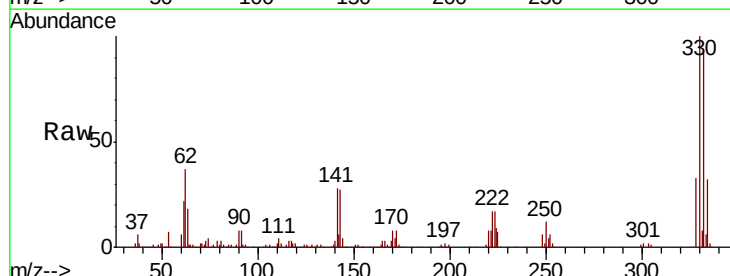


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

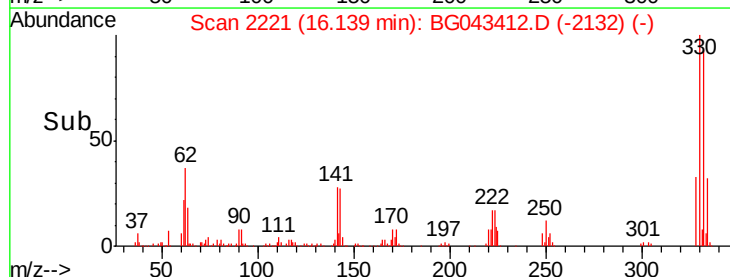
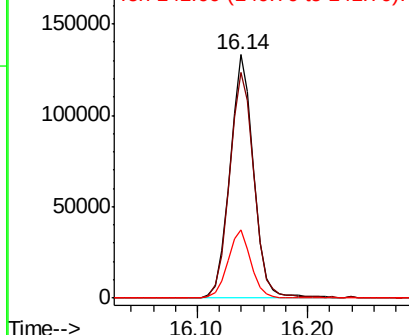


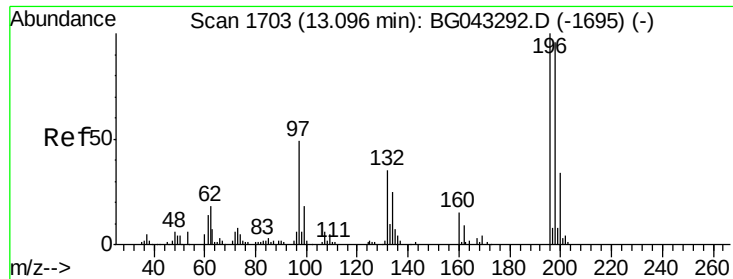
#42
2,4,6-Tribromophenol
Concen: 81.248 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.4	114.6
141	27.5	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

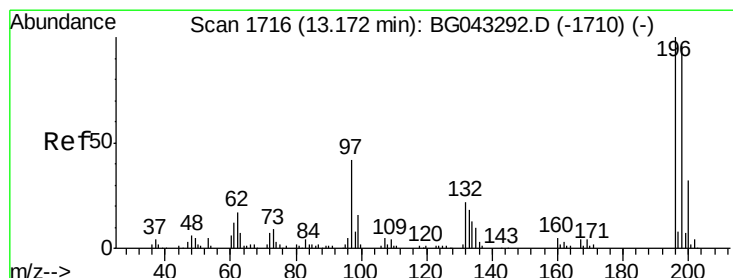
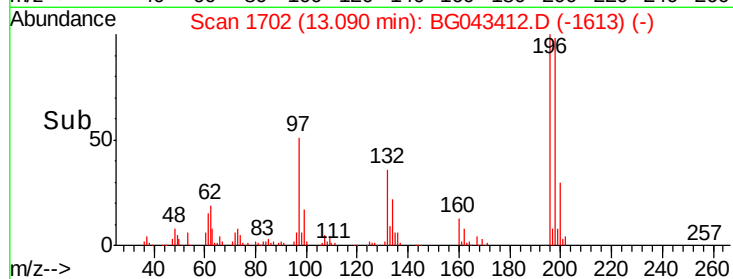
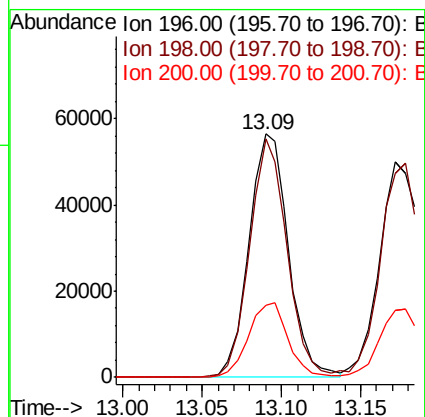
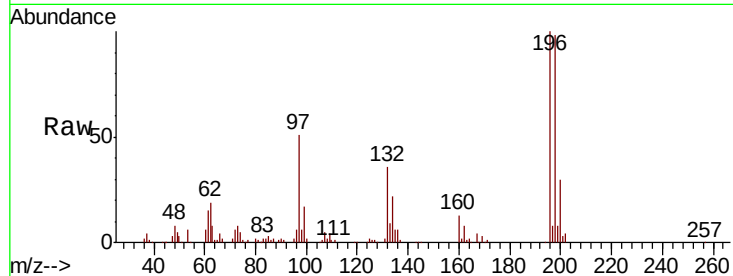




#43
 2,4,6-Trichlorophenol
 Concen: 34.740 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

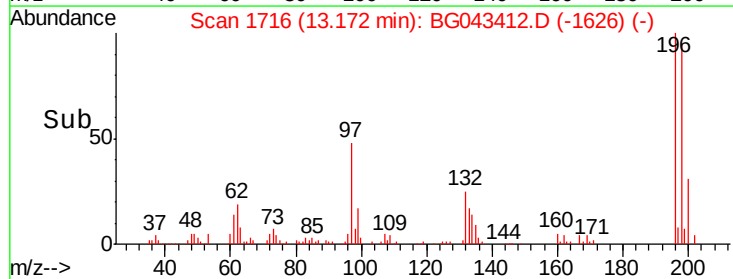
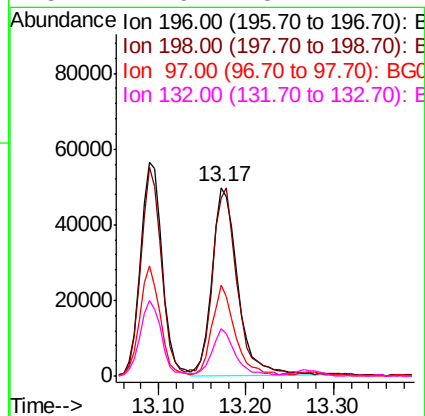
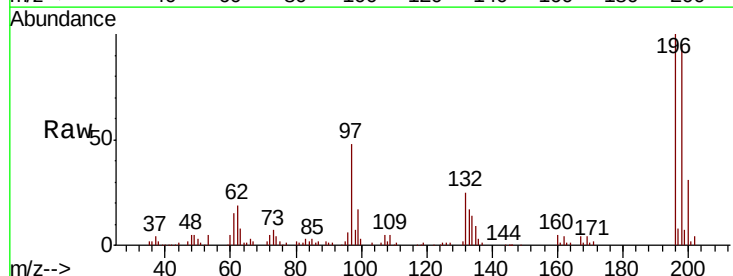
Instrument :
 BNA_G
 ClientSampleId :

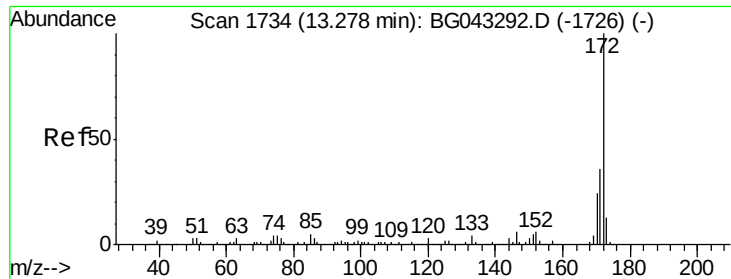
Tot Ion:196 Resp: 97651
 Ion Ratio Lower Upper
 196 100
 198 97.9 77.0 115.4
 200 29.7 27.4 41.2



#44
 2,4,5-Trichlorophenol
 Concen: 35.829 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion:196 Resp: 101817
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 114.8
 97 48.0 34.1 51.1
 132 24.9 18.2 27.4

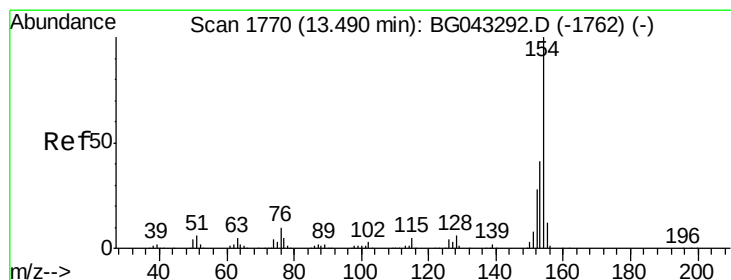
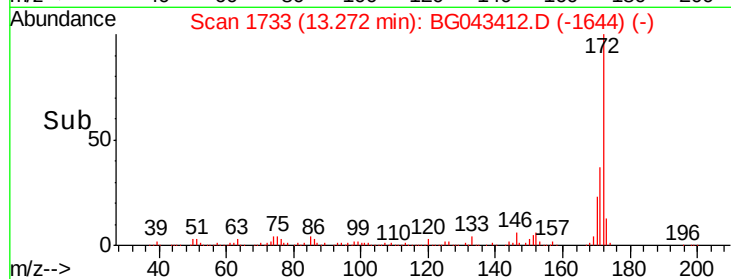
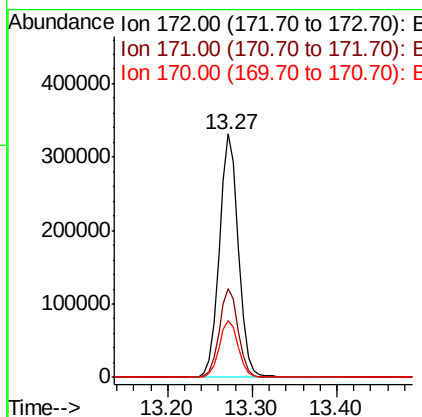
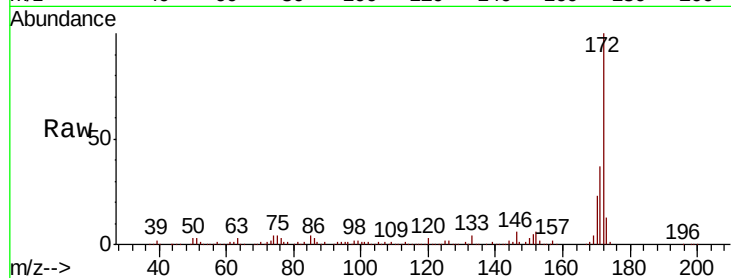




#45
 2-Fluorobiphenyl
 Concen: 55.651 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

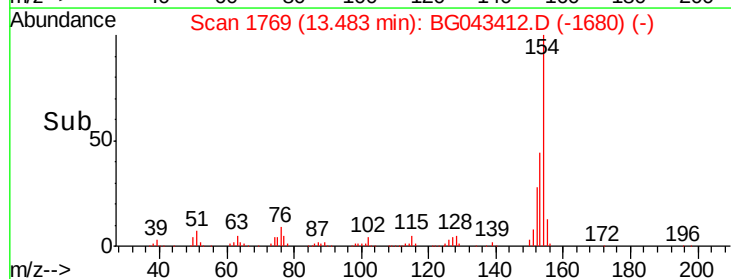
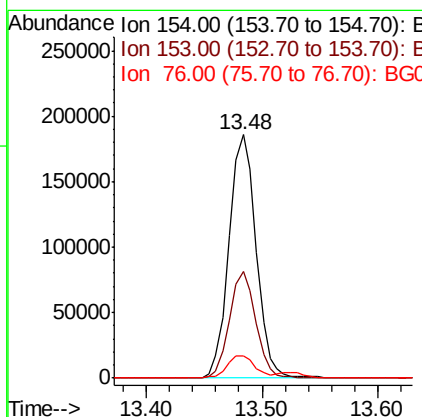
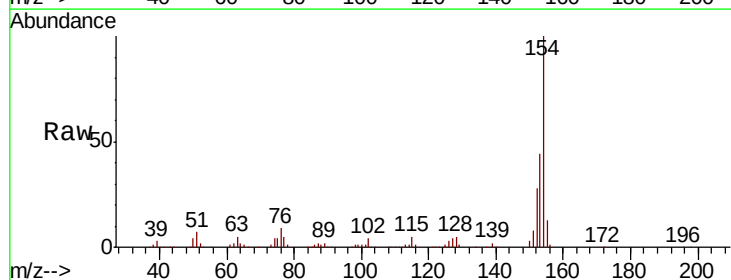
Instrument :
 BNA_G
 ClientSampleId :

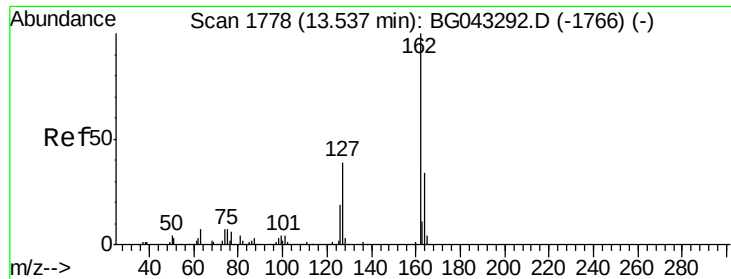
Tot Ion:172 Resp: 519421
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.5 42.7
 170 23.2 18.8 28.2



#46
 1,1'-Biphenyl
 Concen: 30.914 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion:154 Resp: 303314
 Ion Ratio Lower Upper
 154 100
 153 43.6 21.0 61.0
 76 9.0 0.0 29.8

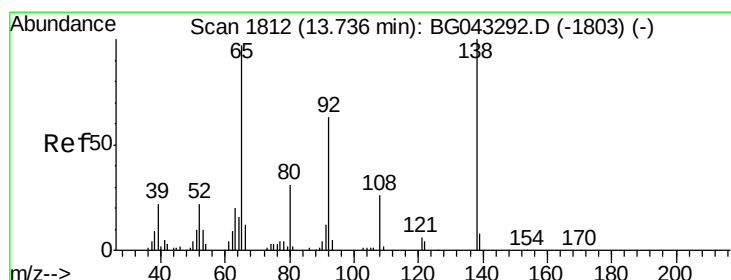
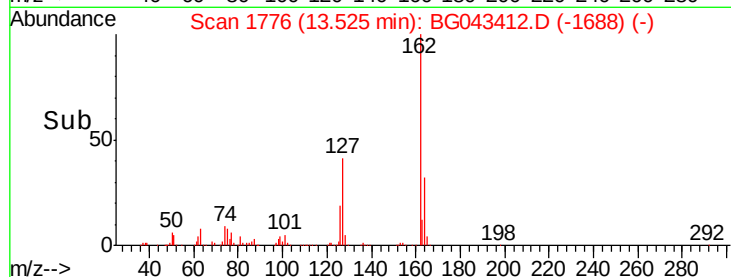
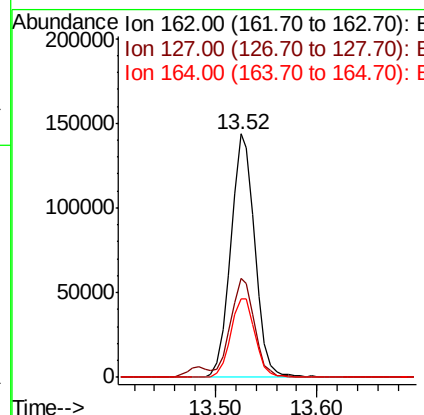
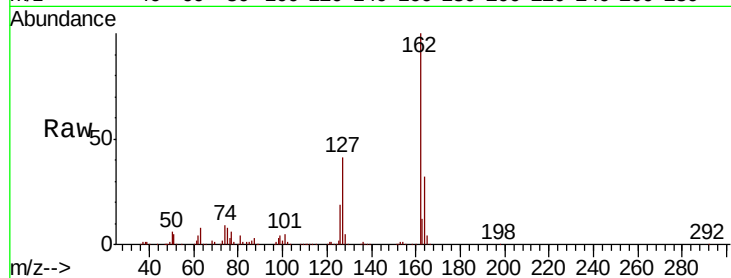




#47
 2-Chloronaphthalene
 Concen: 31.600 ng
 RT: 13.52 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

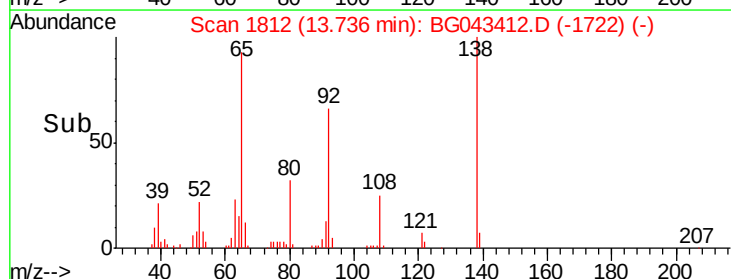
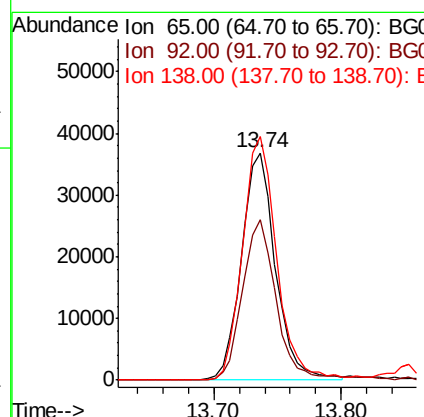
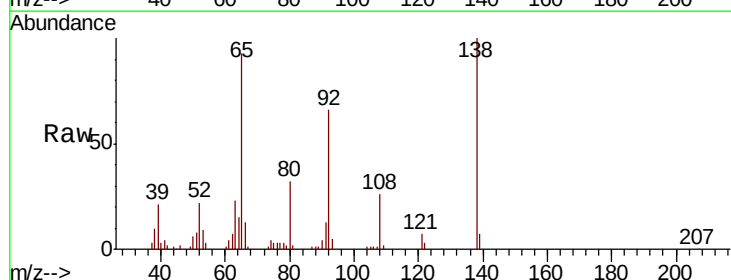
Instrument :
 BNA_G
 ClientSampleId :

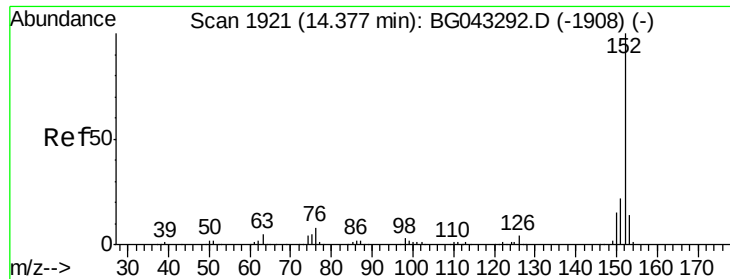
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.3	46.9
164	32.3	26.8	40.2



#48
 2-Nitroaniline
 Concen: 30.755 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	52.6	79.0
138	107.2	82.9	124.3





#49

Acenaphthylene

Concen: 33.419 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

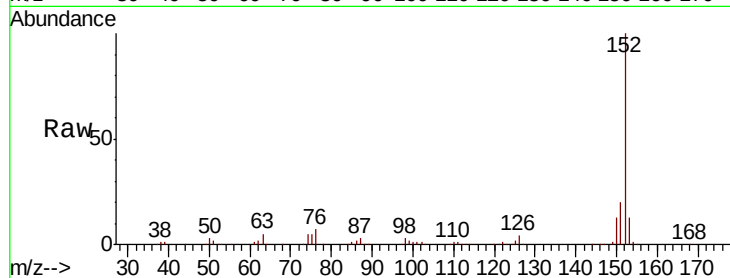
Tot Ion:152 Resp: 388275

Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

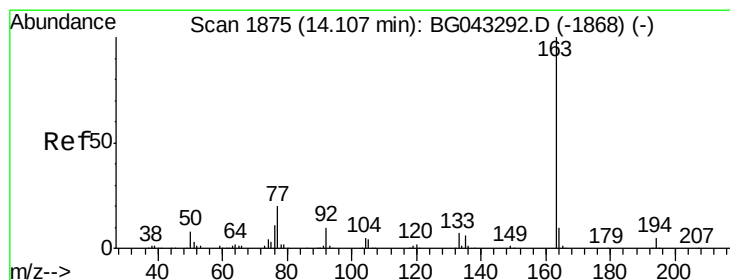
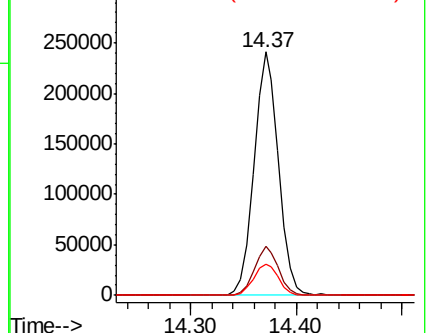
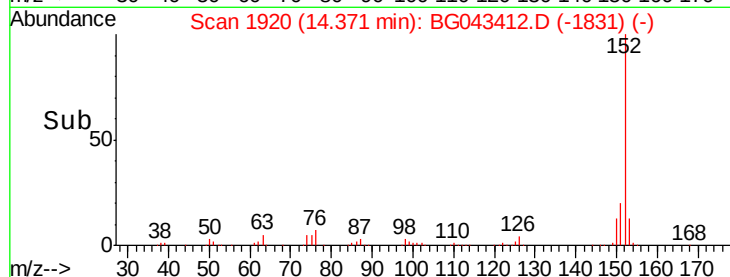
153 12.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.481 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

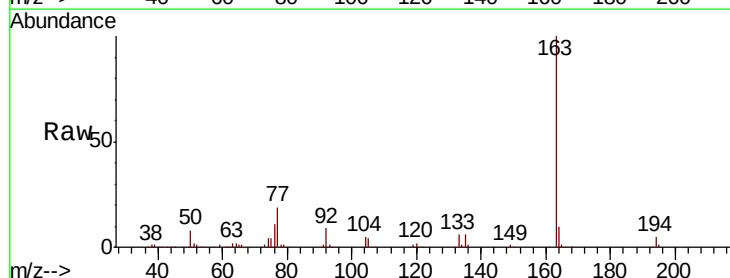
Tgt Ion:163 Resp: 364435

Ion Ratio Lower Upper

163 100

194 5.0 3.7 5.5

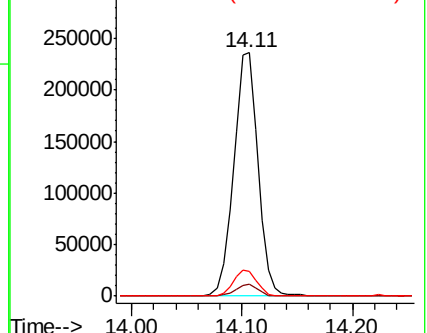
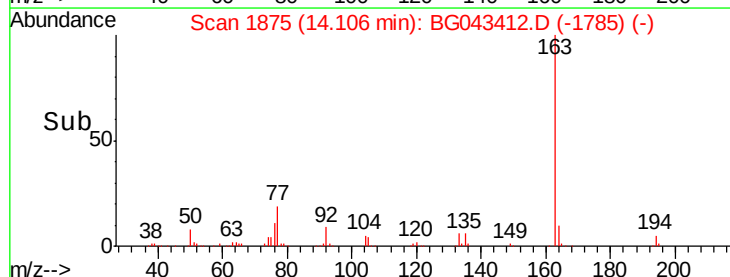
164 10.1 8.1 12.1

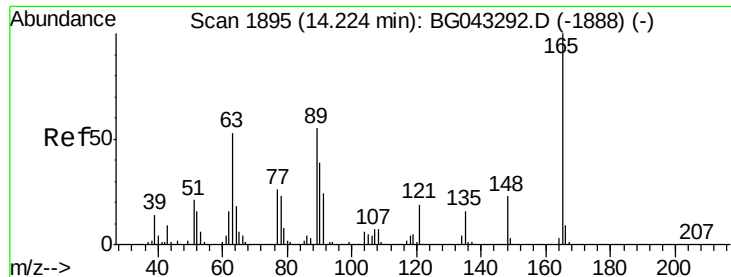


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 32.824 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

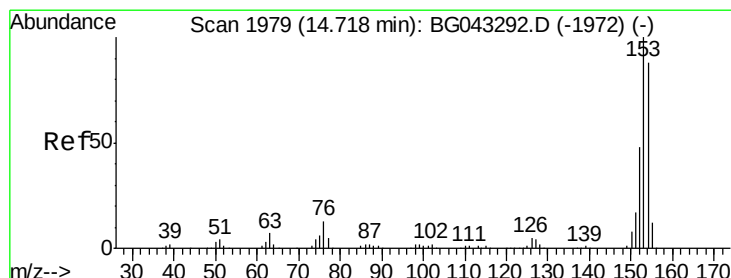
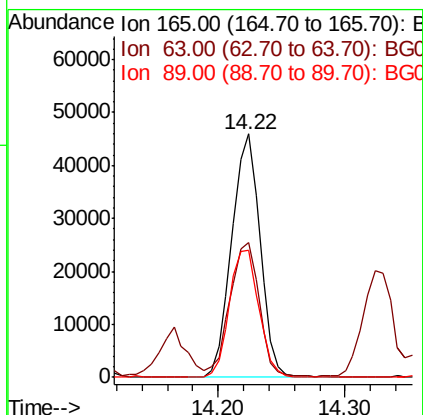
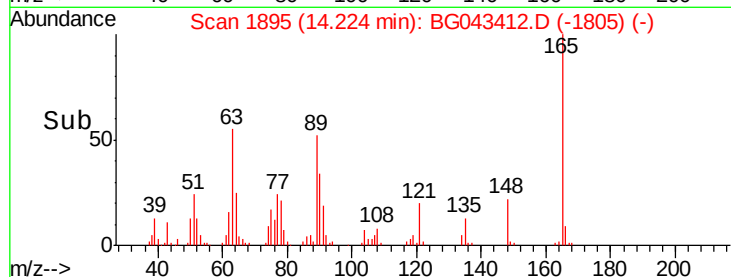
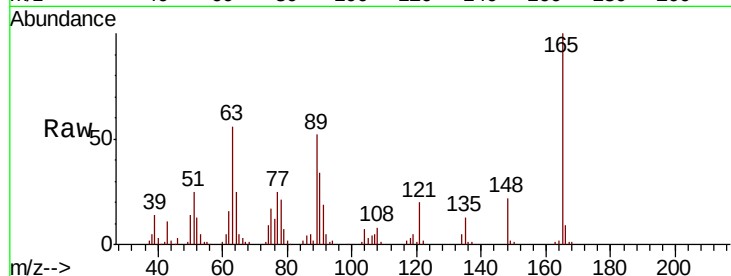
Tot Ion:165 Resp: 71237

Ion Ratio Lower Upper

165 100

63 55.5 47.1 70.7

89 52.1 43.7 65.5



#52

Acenaphthene

Concen: 32.574 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

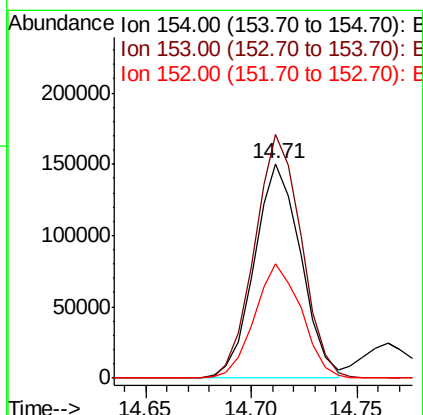
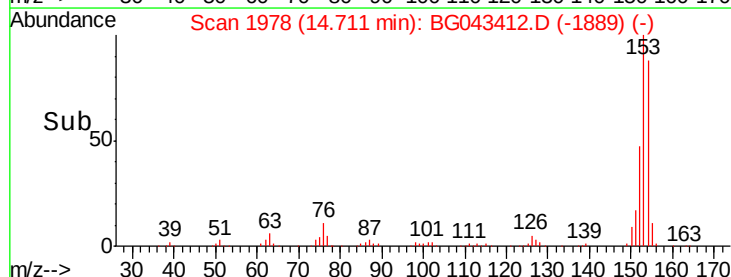
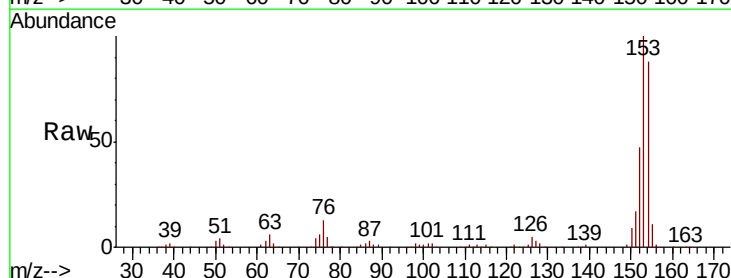
Tgt Ion:154 Resp: 230798

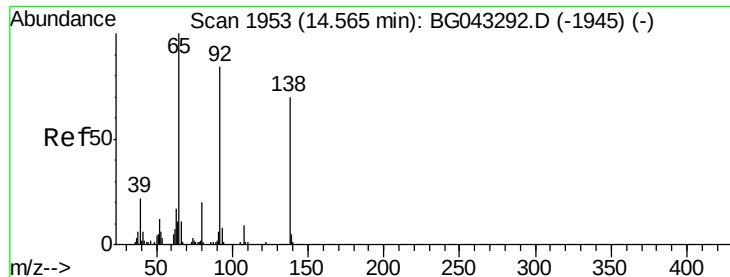
Ion Ratio Lower Upper

154 100

153 113.6 90.9 136.3

152 53.4 43.9 65.9





#53

3-Nitroaniline

Concen: 15.580 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

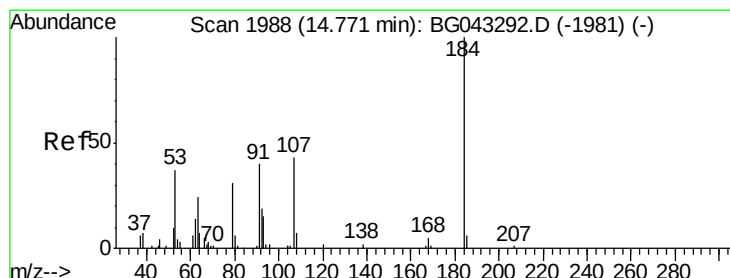
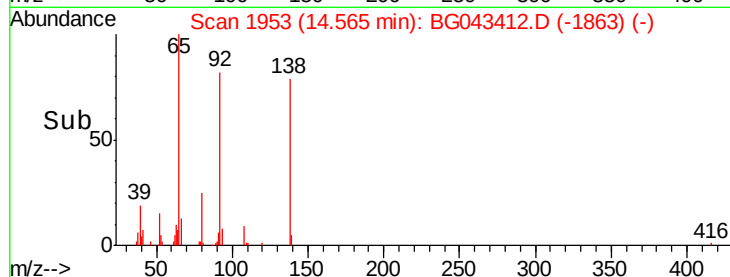
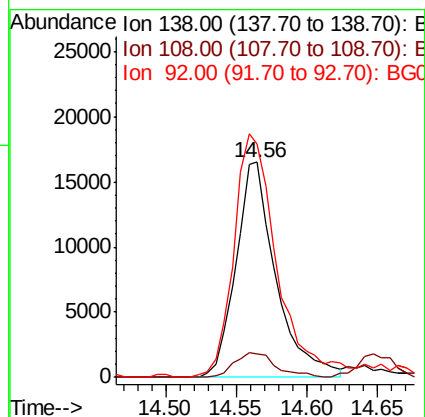
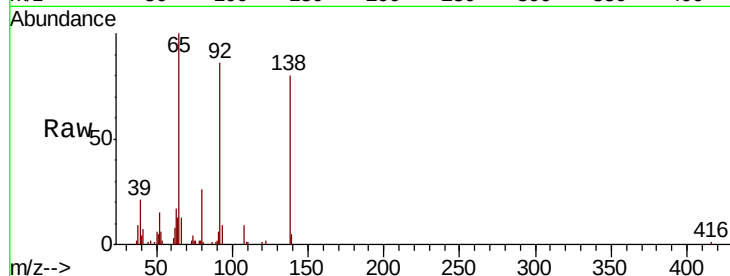
Tot Ion:138 Resp: 32645

Ion Ratio Lower Upper

138 100

108 11.1 9.8 14.6

92 108.2 95.8 143.6



#54

2,4-Dinitrophenol

Concen: 53.328 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

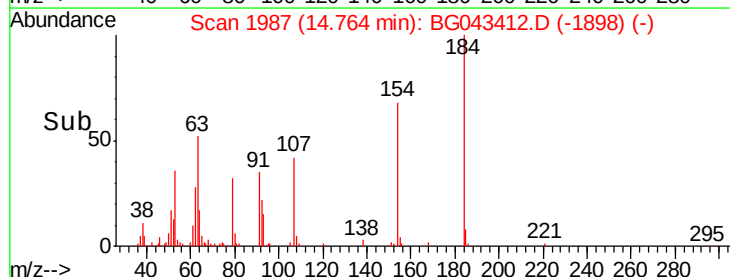
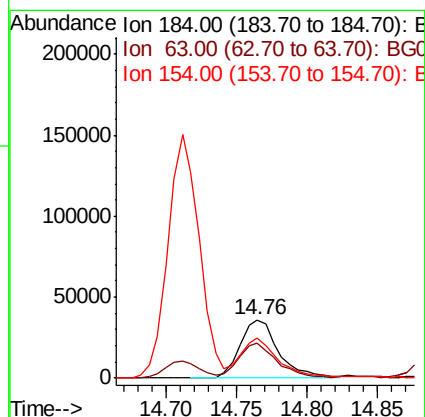
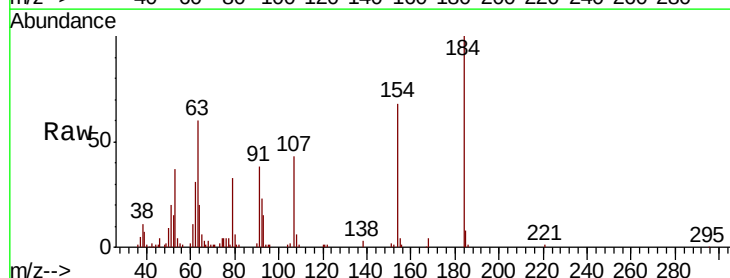
Tgt Ion:184 Resp: 68650

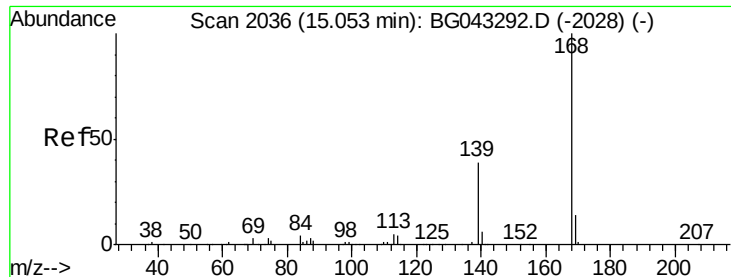
Ion Ratio Lower Upper

184 100

63 59.8 48.8 73.2

154 68.2 49.4 74.0

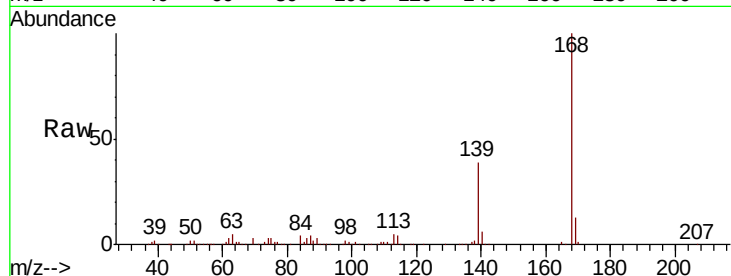




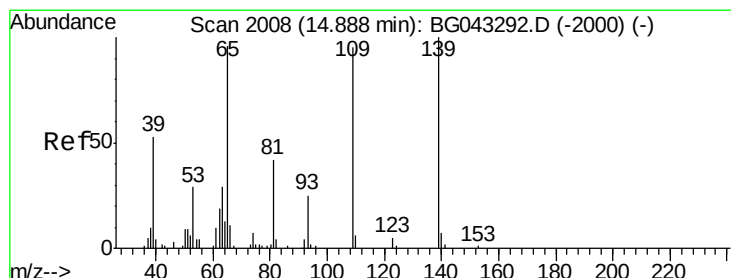
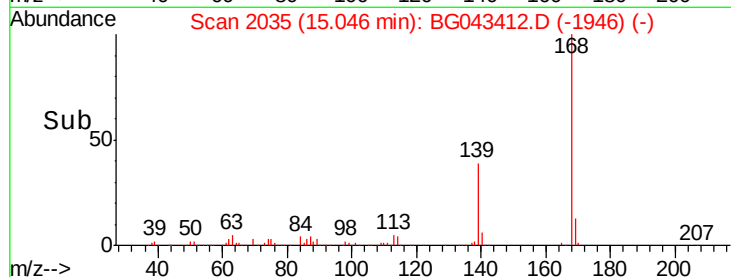
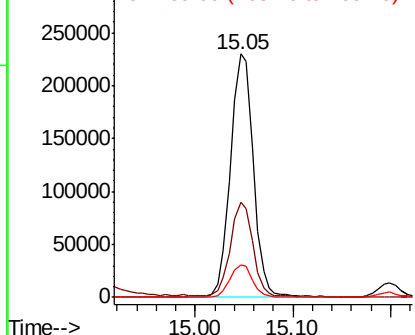
#55
Dibenzenofuran
Concen: 32.601 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 374593
Ion Ratio Lower Upper
168 100
139 39.1 31.7 47.5
169 13.3 11.0 16.4

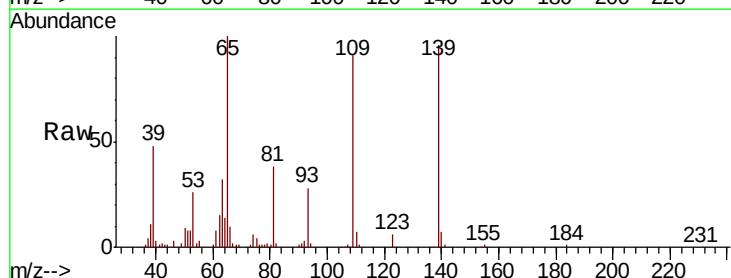


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

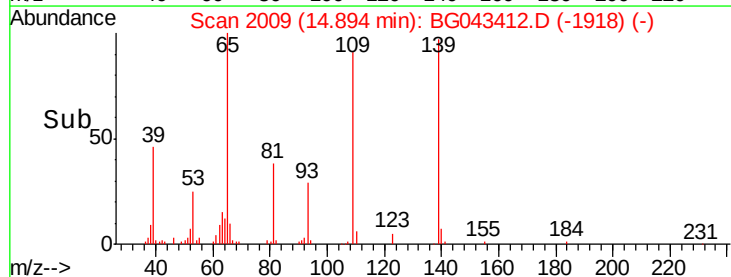
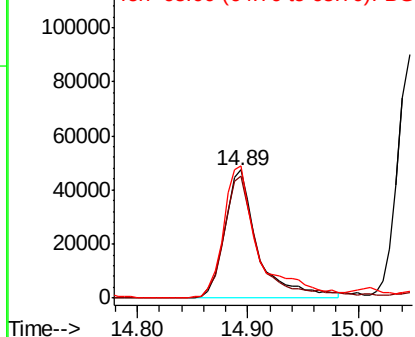


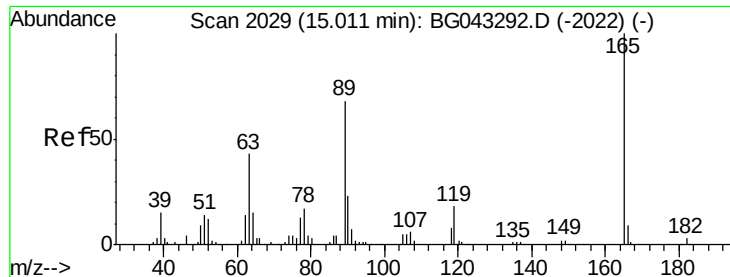
#56
4-Nitrophenol
Concen: 70.634 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion:139 Resp: 99180
Ion Ratio Lower Upper
139 100
109 94.9 75.4 115.4
65 103.7 76.6 116.6



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

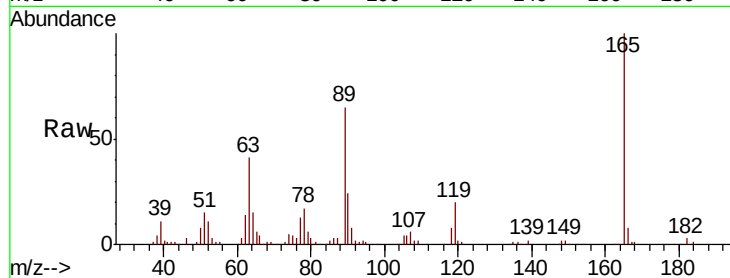




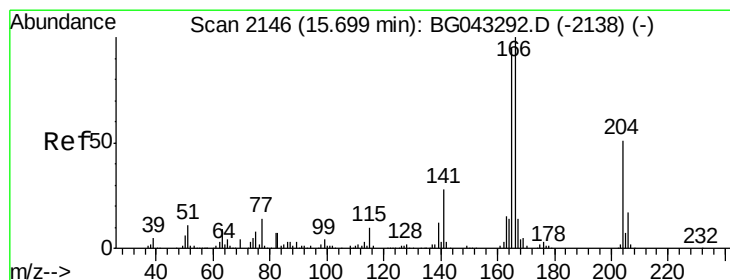
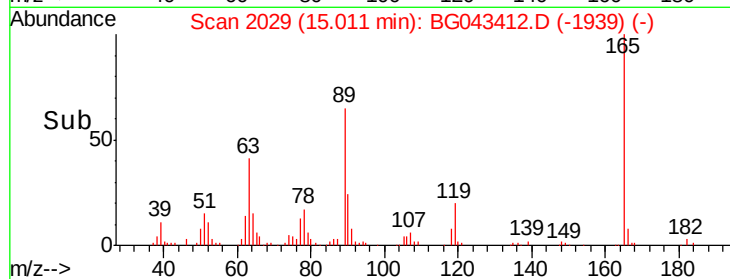
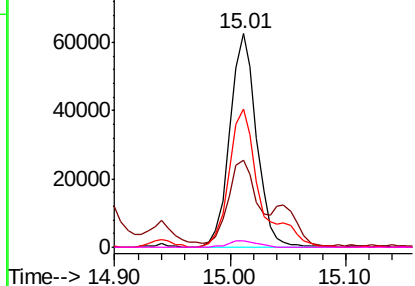
#57
 2,4-Dinitrotoluene
 Concen: 32.213 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	99909
Ion Ratio	Lower	Upper
165 100		
63 40.9	35.0	52.6
89 64.7	54.1	81.1
182 2.9	2.2	3.2

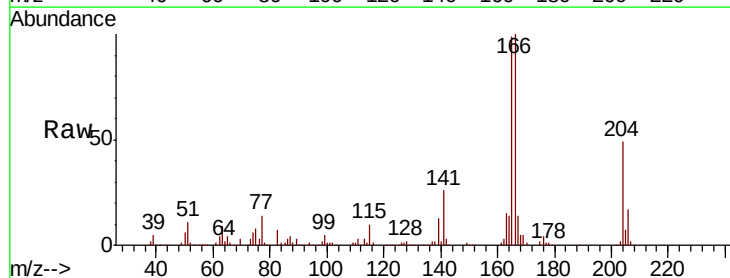


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

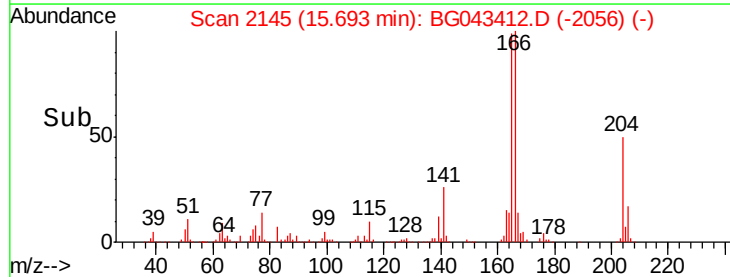
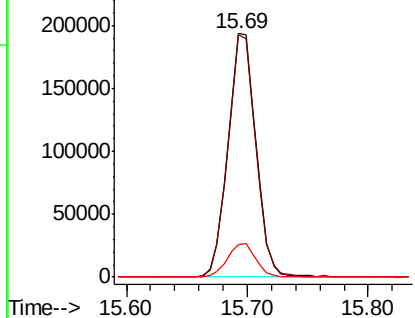


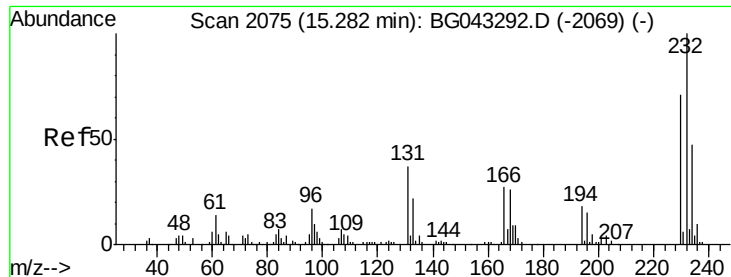
#58
 Fluorene
 Concen: 32.432 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt	Ion:166	Resp:	312544
Ion	Ratio	Lower	Upper
166	100		
165	99.3	76.4	114.6
167	13.5	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

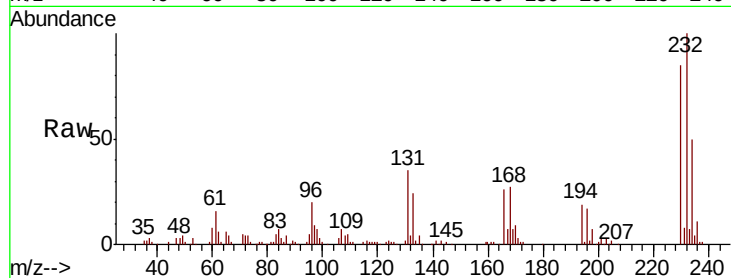




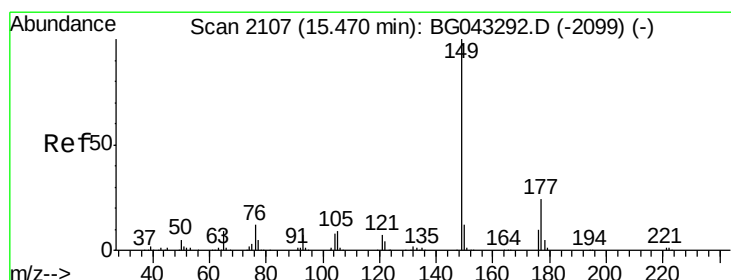
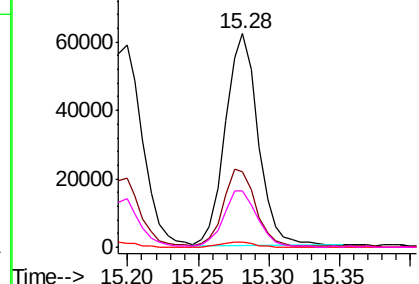
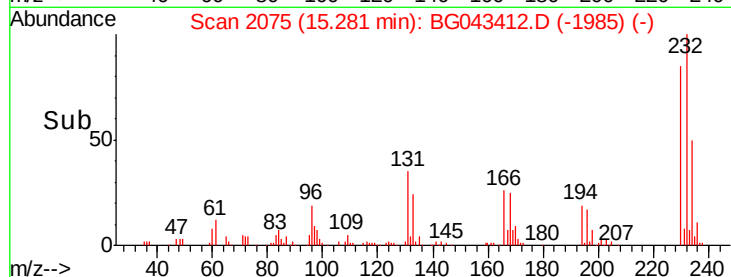
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.344 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.2	28.7	43.1
130	2.3	0.6	0.8
166	27.6	21.1	31.7

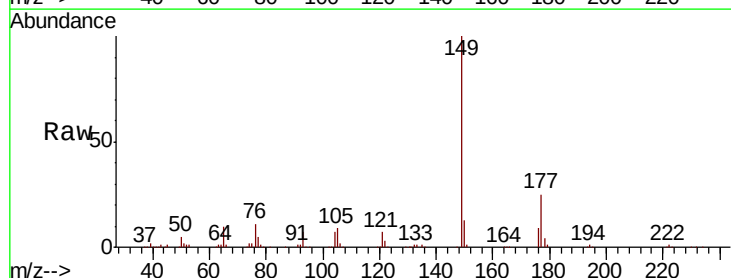


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

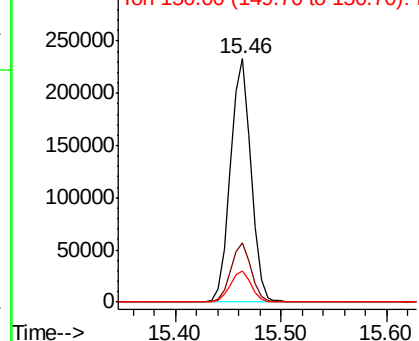
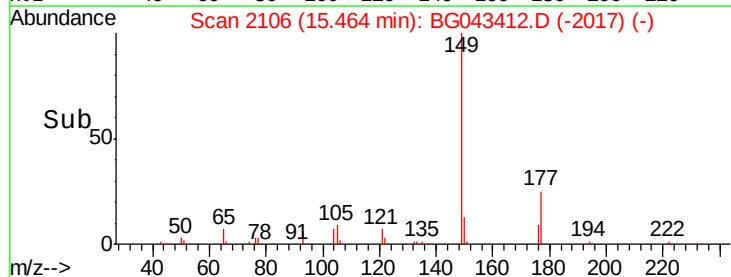


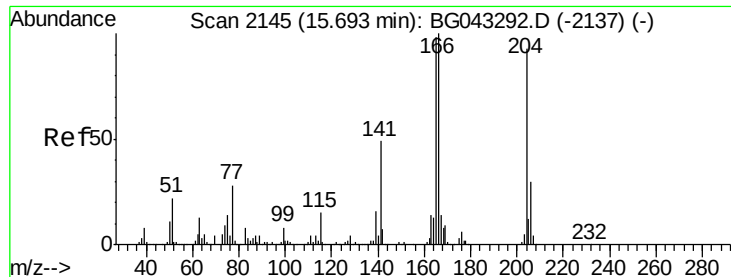
#60
 Diethylphthalate
 Concen: 31.078 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.0	28.4
150	12.8	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

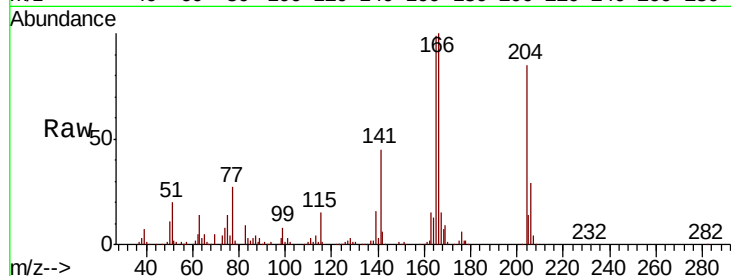




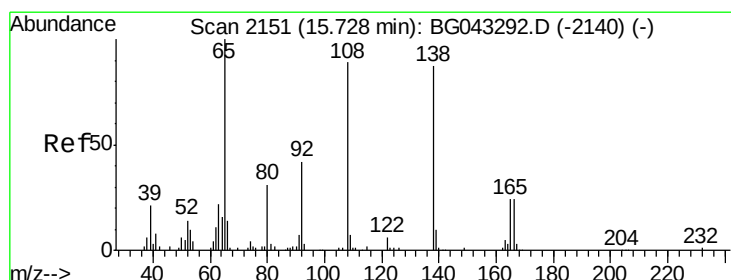
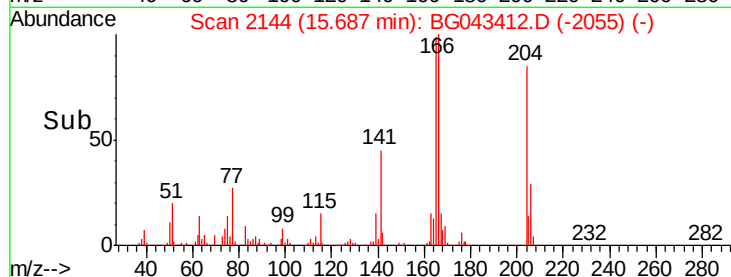
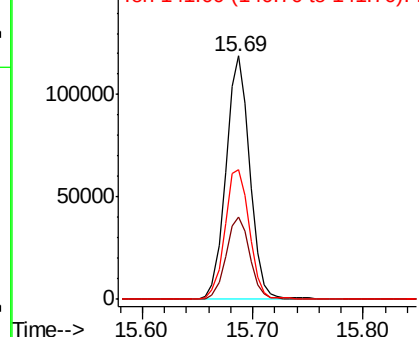
#61
4-Chlorophenyl-phenylether
Concen: 31.887 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 179265
Ion Ratio Lower Upper
204 100
206 33.6 25.7 38.5
141 53.1 42.3 63.5

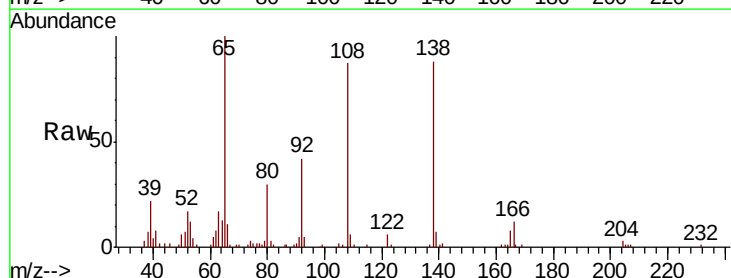


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

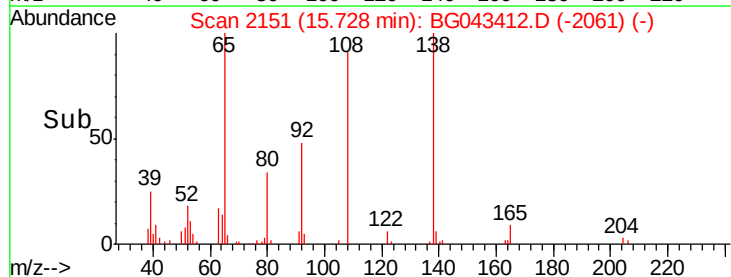
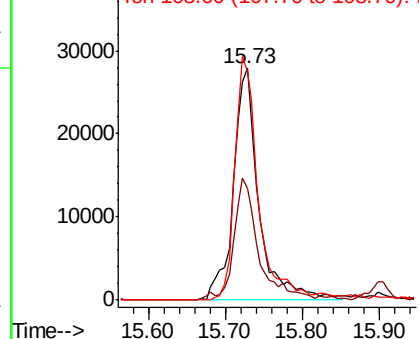


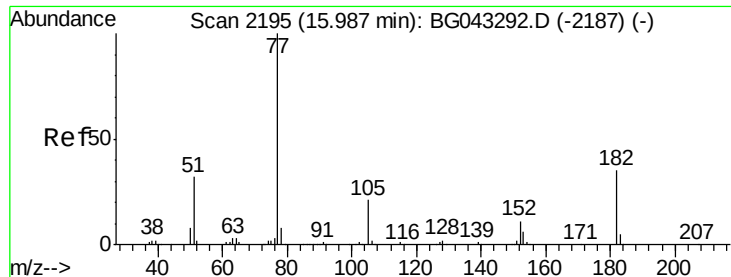
#62
4-Nitroaniline
Concen: 29.868 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion:138 Resp: 64632
Ion Ratio Lower Upper
138 100
92 48.3 28.8 68.8
108 98.6 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: 32.253 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 262012

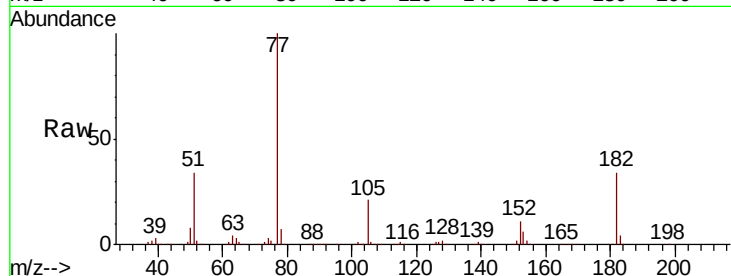
Ion Ratio Lower Upper

77 100

182 33.8 14.9 54.9

105 20.6 0.6 40.6

51 33.5 12.5 52.5

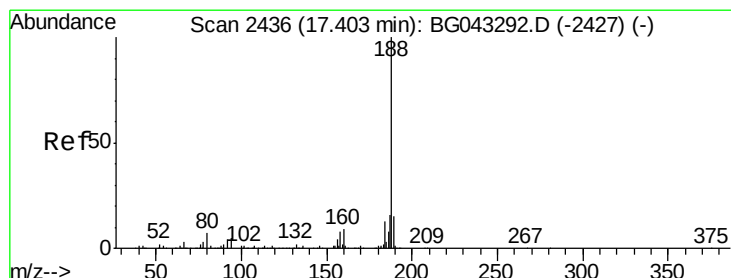
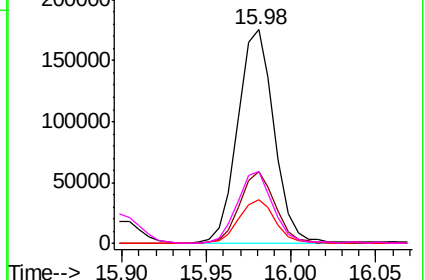
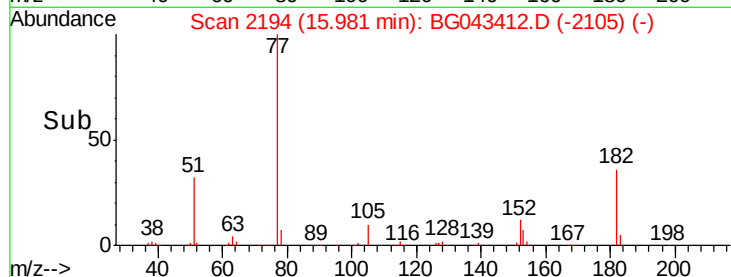


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

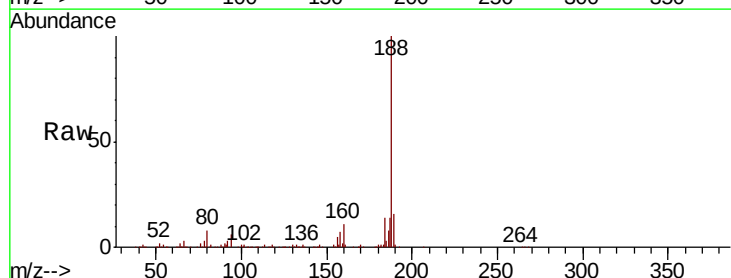
Tgt Ion: 188 Resp: 300407

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.2

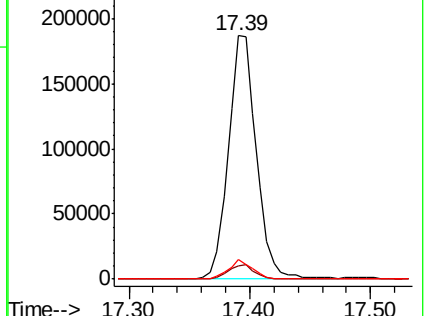
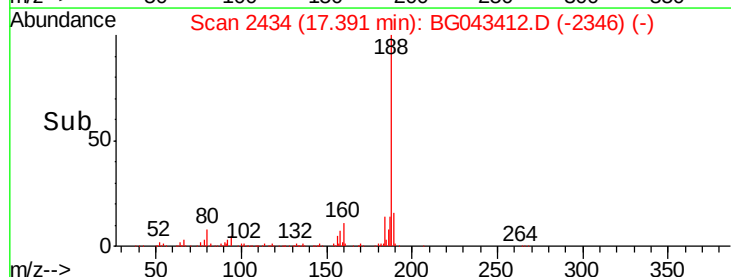
80 8.2 5.2 7.8#

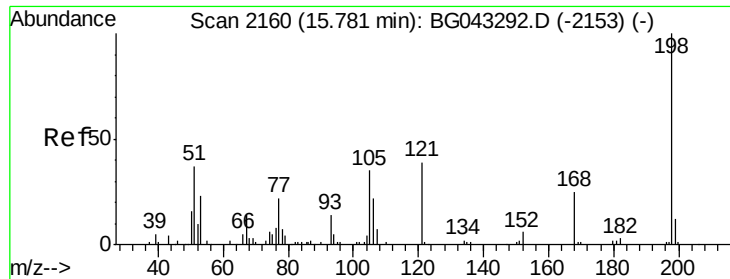


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 33.334 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampled :

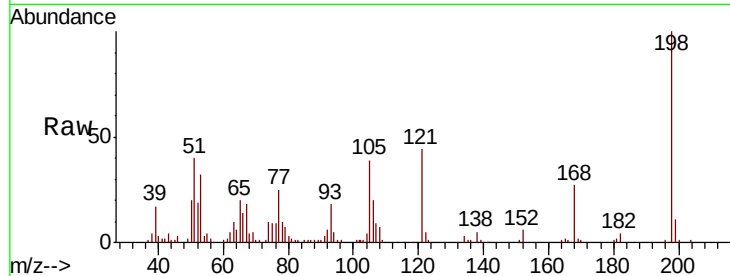
Tot Ion:198 Resp: 58932

Ion Ratio Lower Upper

198 100

51 40.5 21.4 61.4

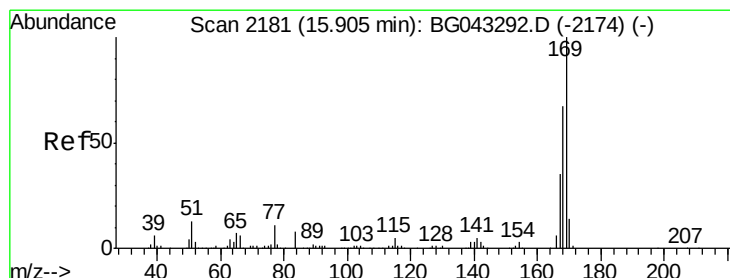
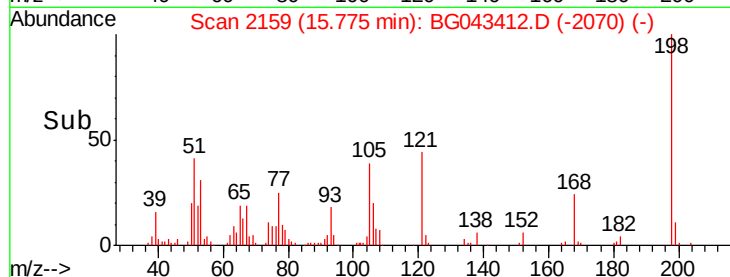
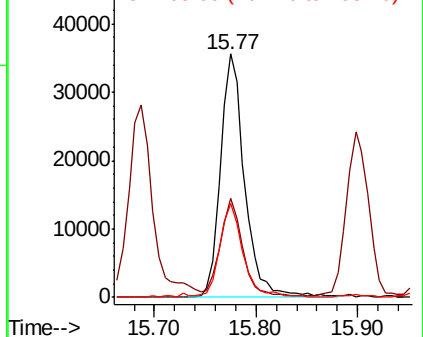
105 38.7 16.5 56.5



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: 32.882 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

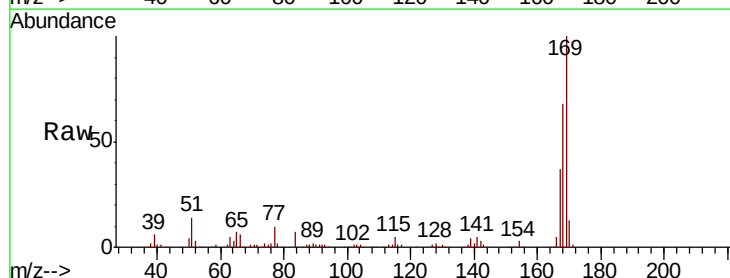
Tgt Ion:169 Resp: 278880

Ion Ratio Lower Upper

169 100

168 67.9 53.9 80.9

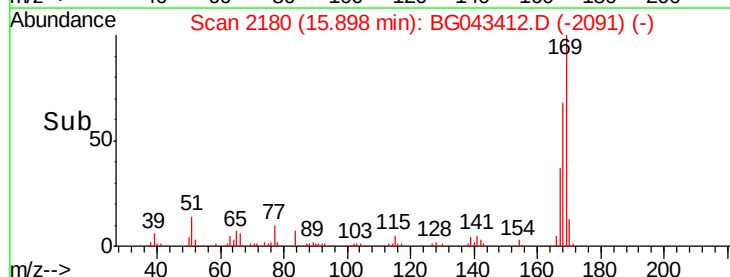
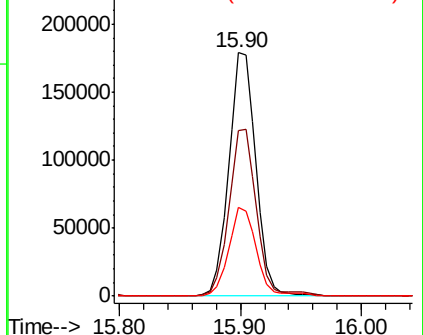
167 36.6 28.3 42.5

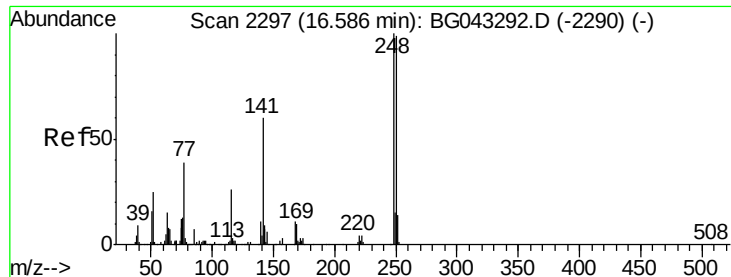


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

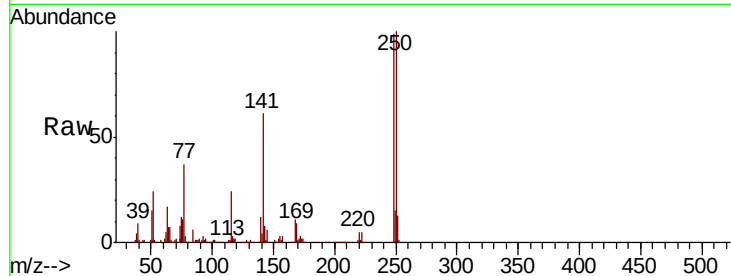




#67
4-Bromophenyl-phenylether
Concen: 31.194 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.2	79.3	118.9
141	61.6	47.9	71.9

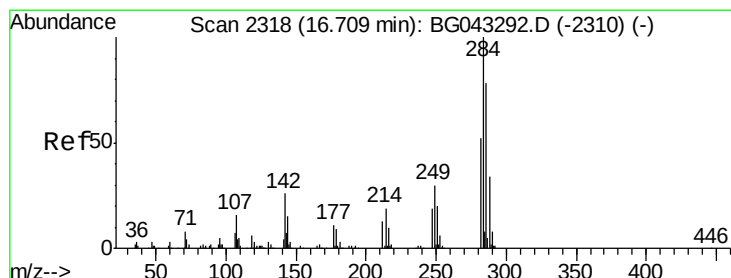
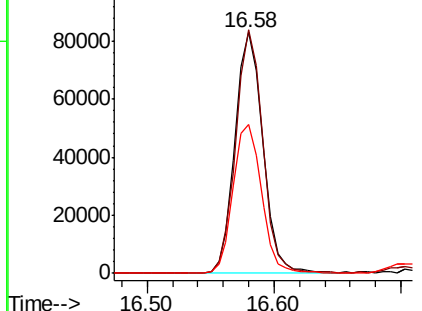
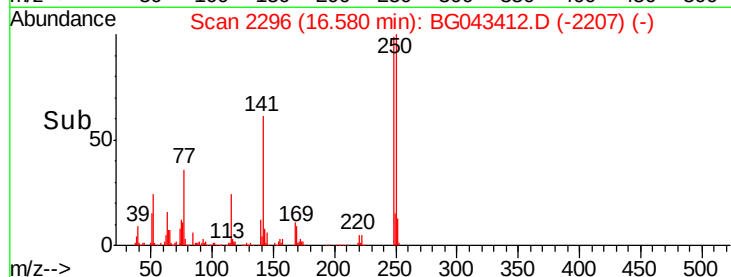


Abundance

Ion 248.00 (247.70 to 248.70): E

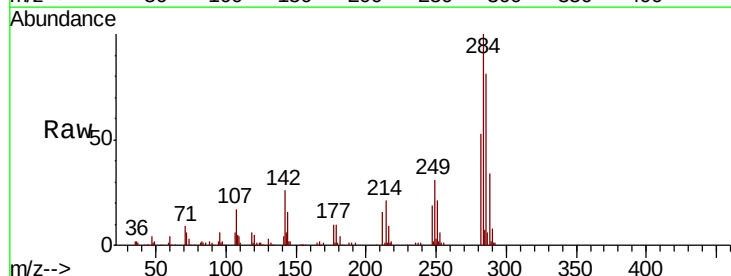
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 30.731 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	21.1	31.7
249	31.5	24.4	36.6

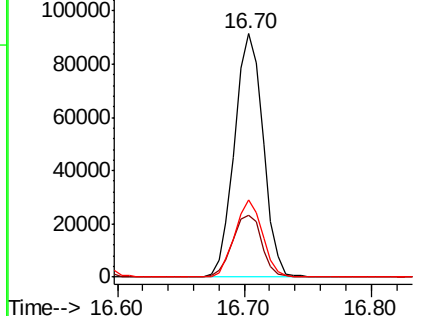
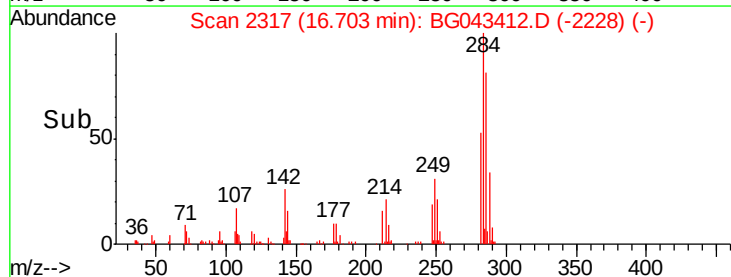


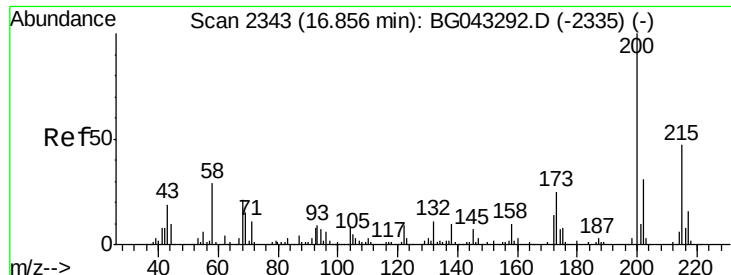
Abundance

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: 39.962 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

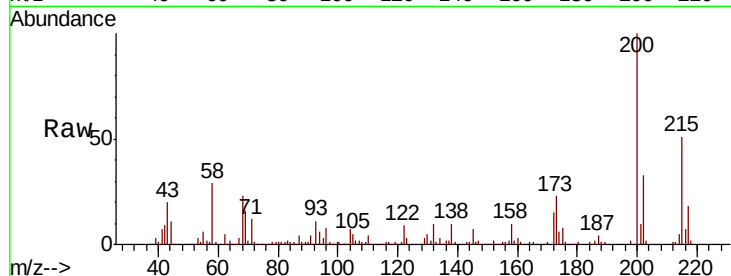
Tot Ion:200 Resp: 117769

Ion Ratio Lower Upper

200 100

173 23.2 5.1 45.1

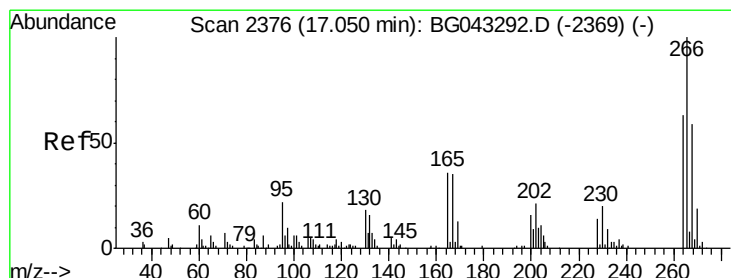
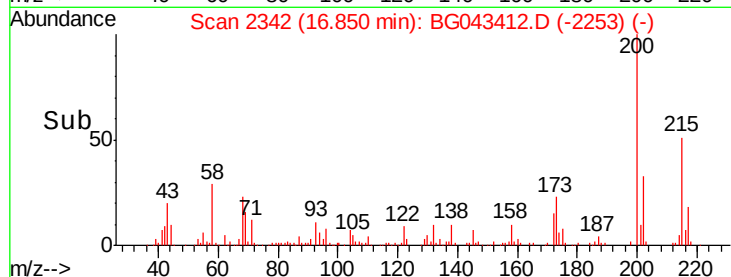
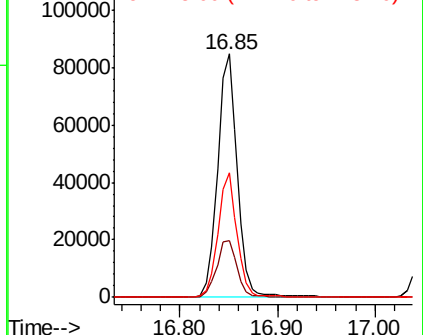
215 51.4 26.6 66.6



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: 70.871 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

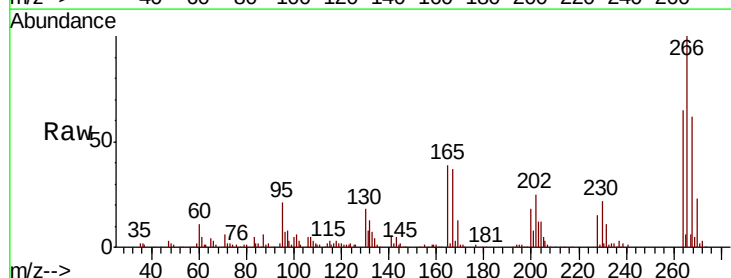
Tgt Ion:266 Resp: 149861

Ion Ratio Lower Upper

266 100

268 61.6 47.1 70.7

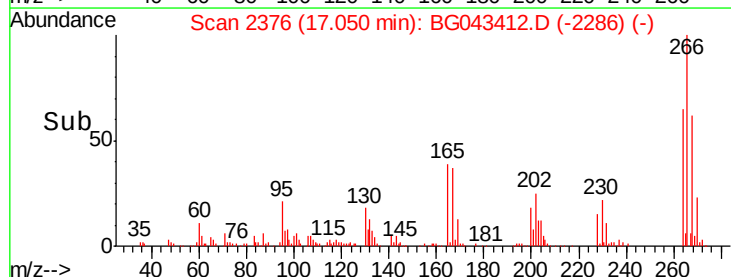
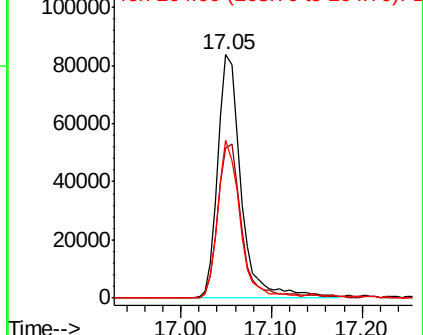
264 64.8 50.4 75.6

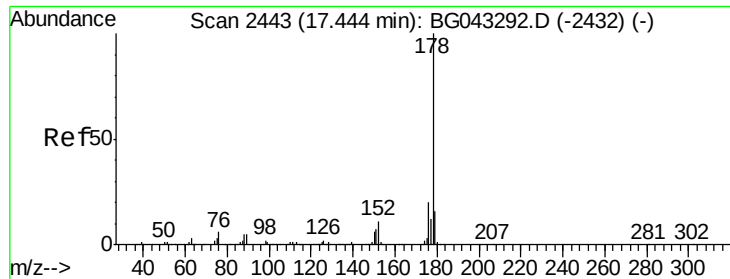


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

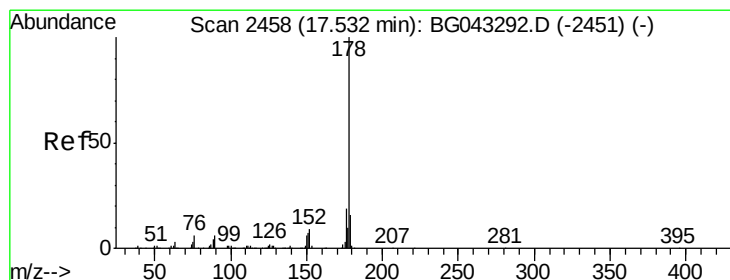
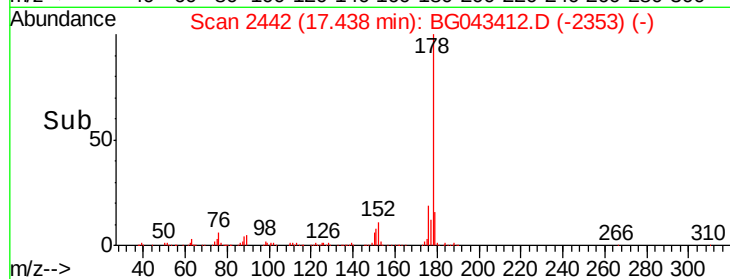
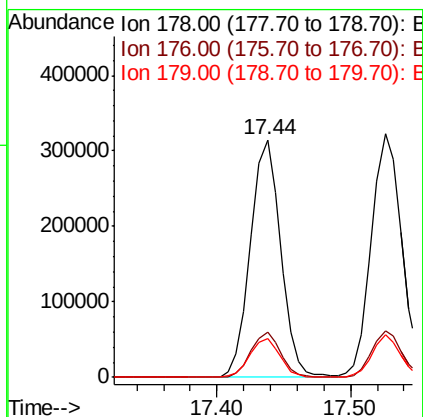
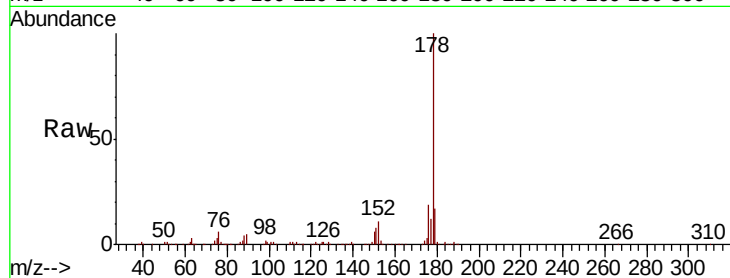




#71
Phenanthrene
Concen: 32.040 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

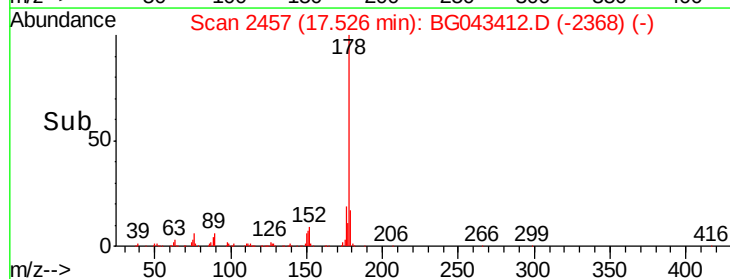
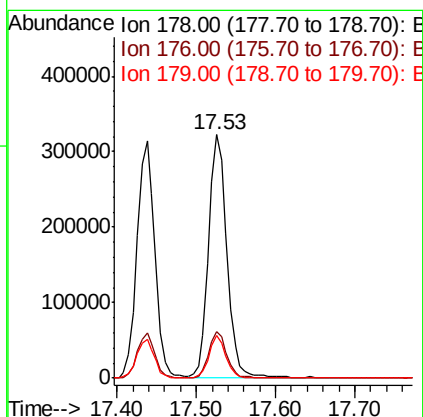
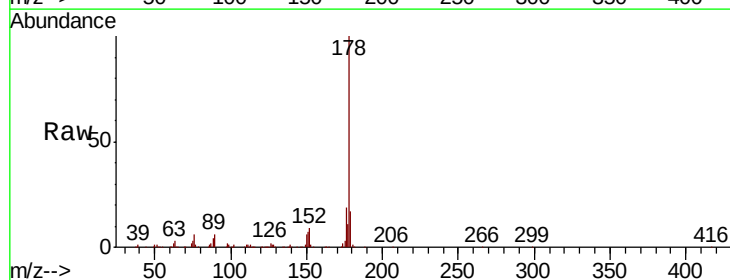
Instrument :
BNA_G
ClientSampleId :

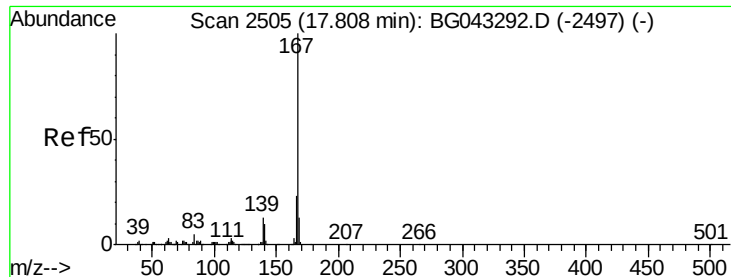
Tot Ion:178 Resp: 492870
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 16.6 13.1 19.7



#72
Anthracene
Concen: 33.921 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion:178 Resp: 522087
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 17.3 13.0 19.6

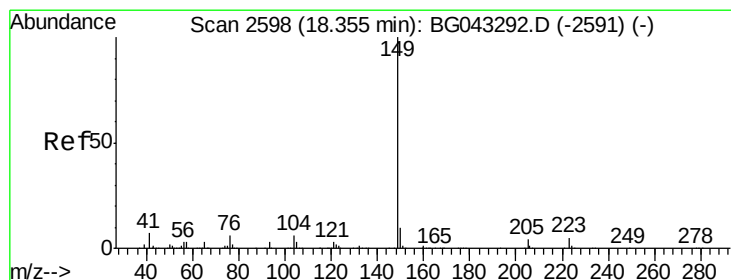
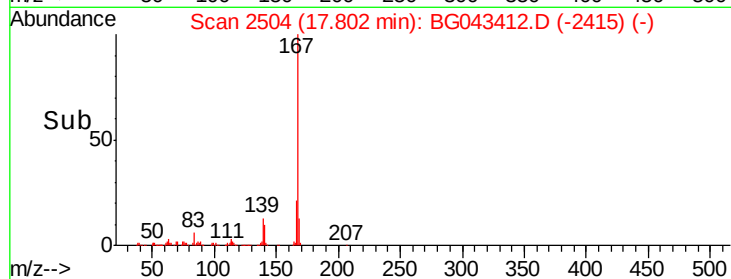
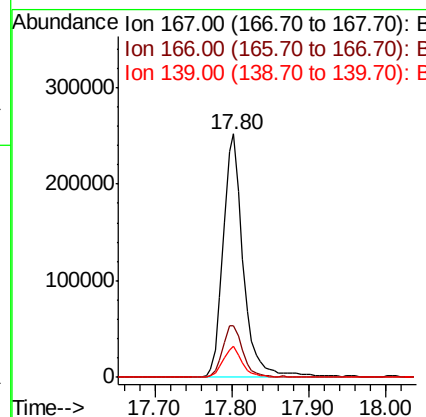
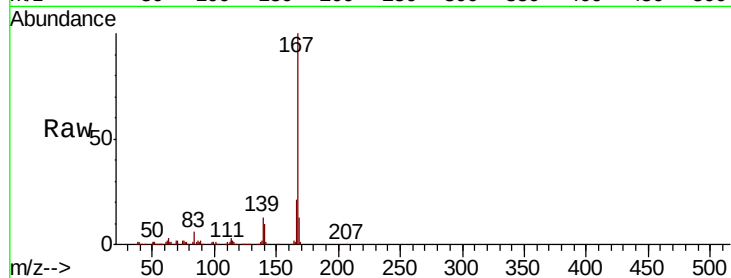




#73
 Carbazole
 Concen: 32.742 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

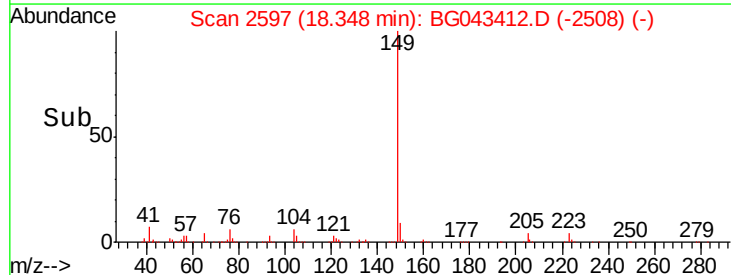
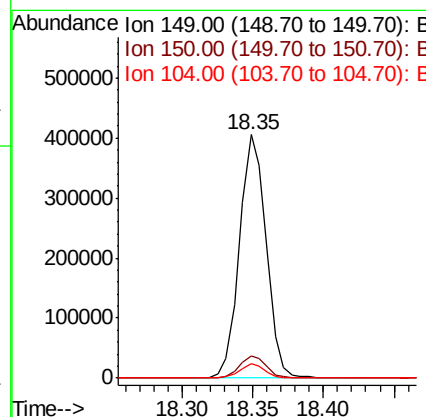
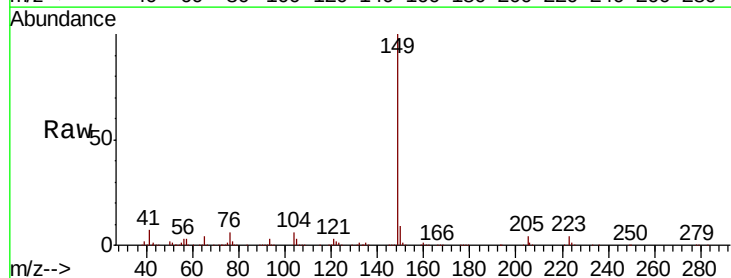
Instrument :
 BNA_G
 ClientSampleId :

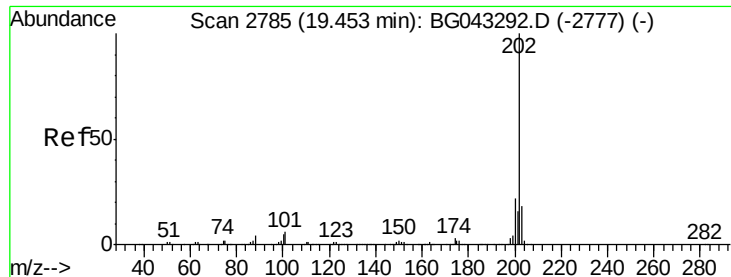
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.4	27.6
139	12.6	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 31.549 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.0	12.0
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 32.193 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

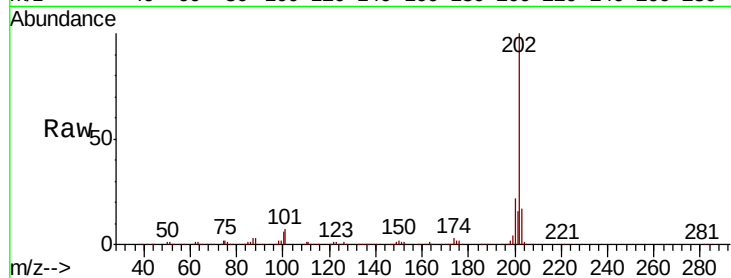
Tot Ion:202 Resp: 645619

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.0

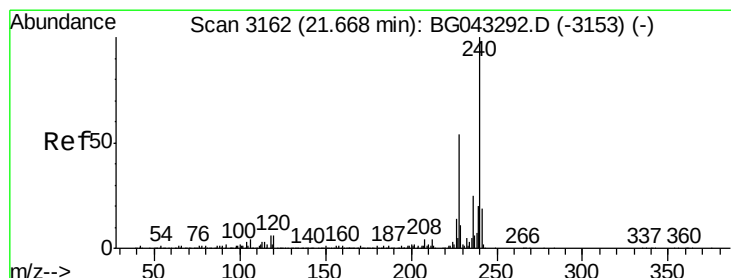
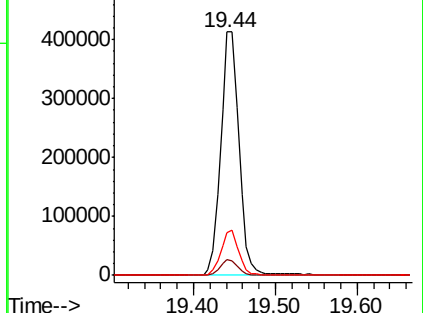
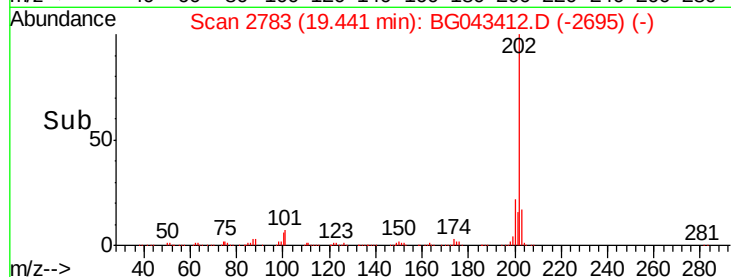
203 17.5 0.0 38.2



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: BG043412.D

Acq: 30 Oct 2019 22:29

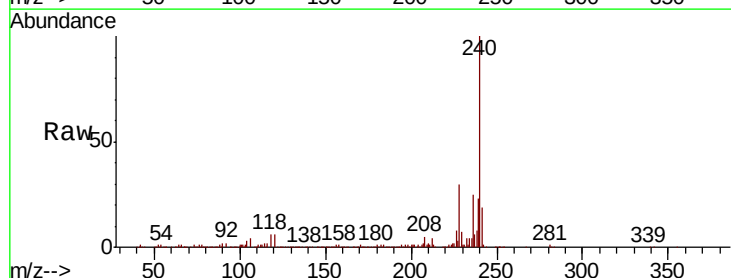
Tgt Ion:240 Resp: 329984

Ion Ratio Lower Upper

240 100

120 5.7 4.6 7.0

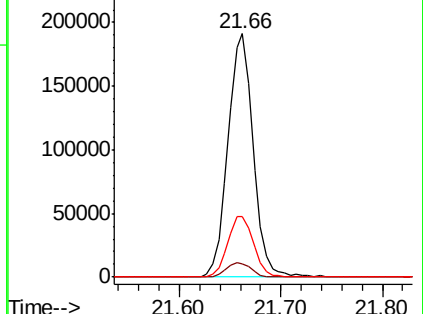
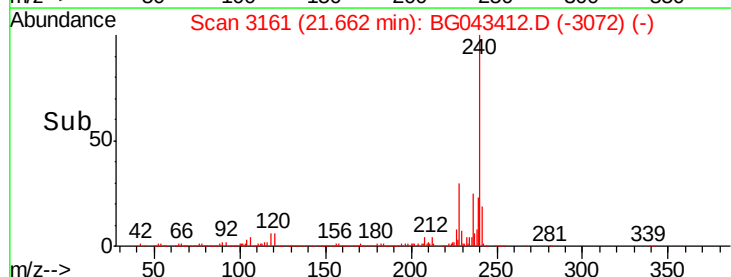
236 25.1 20.2 30.4

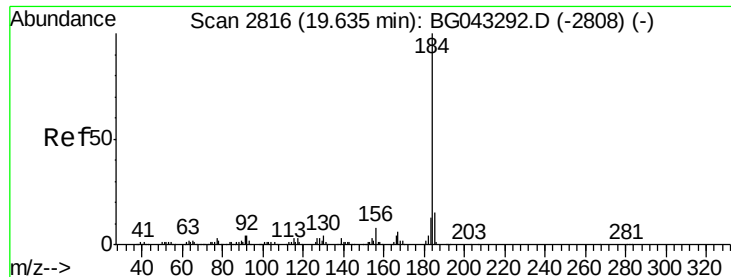


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.097 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampleId :

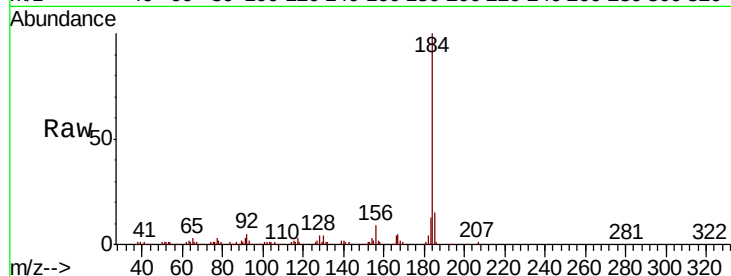
Tot Ion:184 Resp: 259644

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.6

183 13.3 10.6 16.0

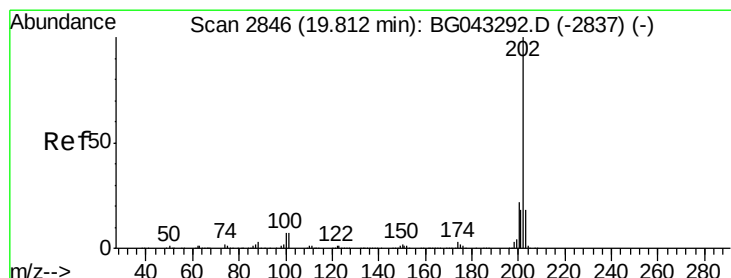
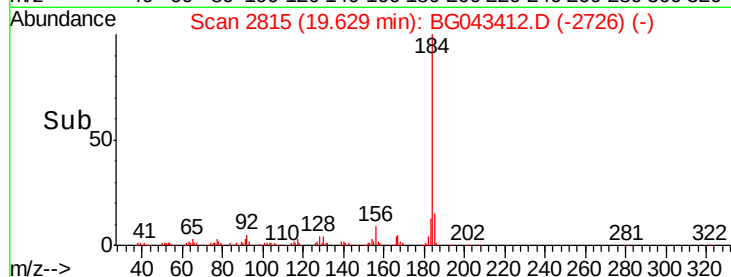
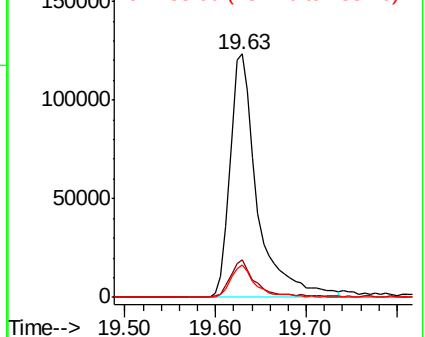


Abundance

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

Pyrene

Concen: 32.020 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

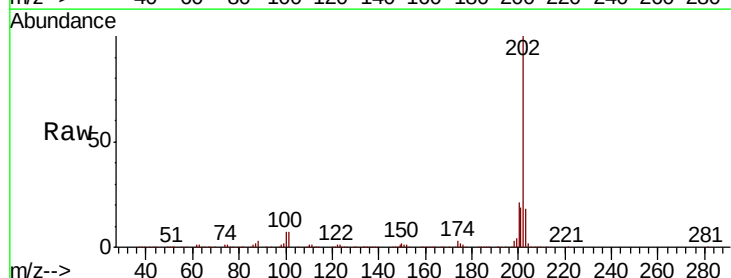
Tgt Ion:202 Resp: 654033

Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

203 18.5 14.5 21.7

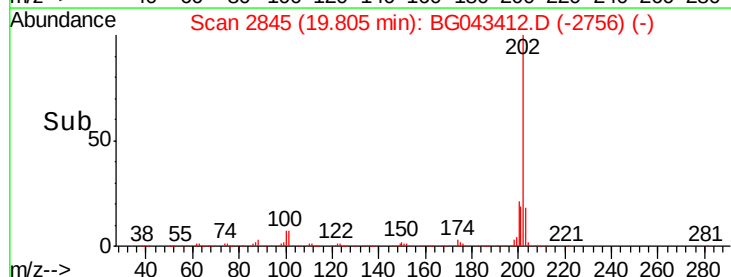
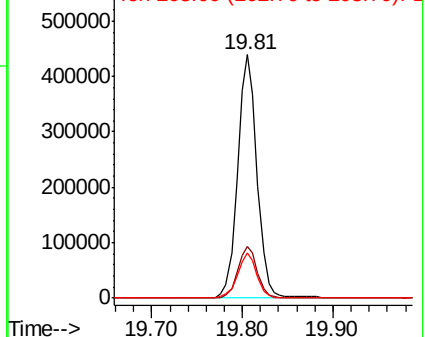


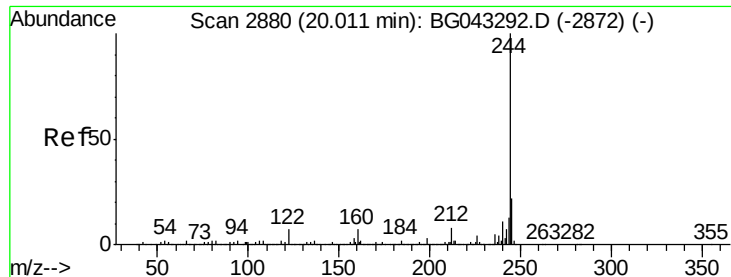
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 57.722 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampled :

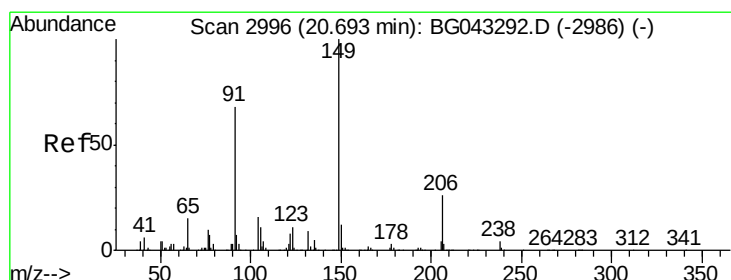
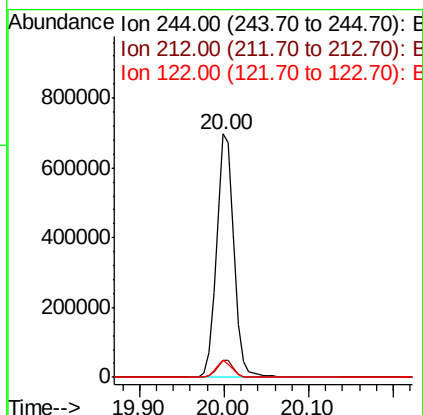
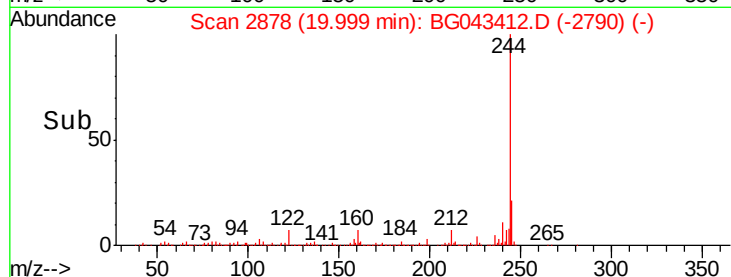
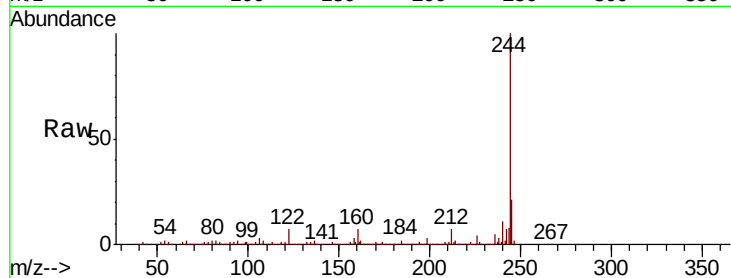
Tot Ion:244 Resp: 1015283

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

122 6.8 5.3 7.9



#80

Butylbenzylphthalate

Concen: 32.247 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

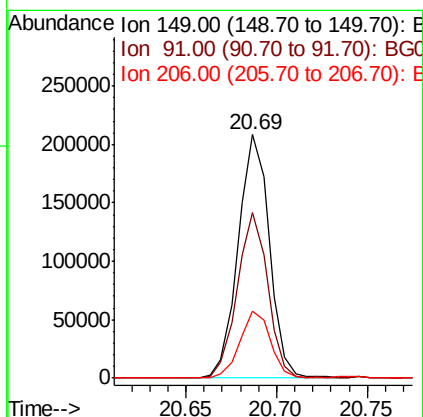
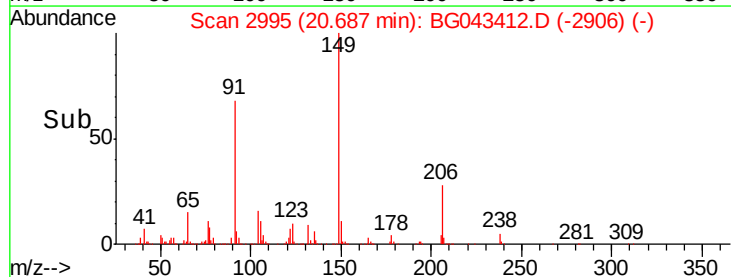
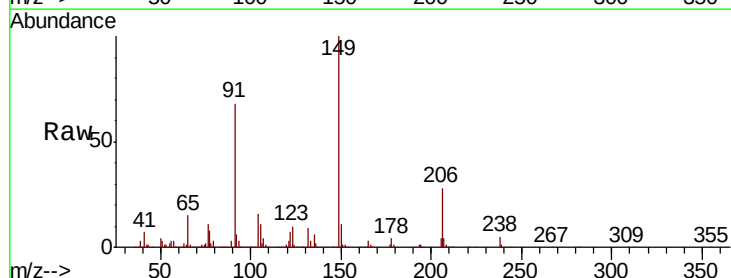
Tgt Ion:149 Resp: 249541

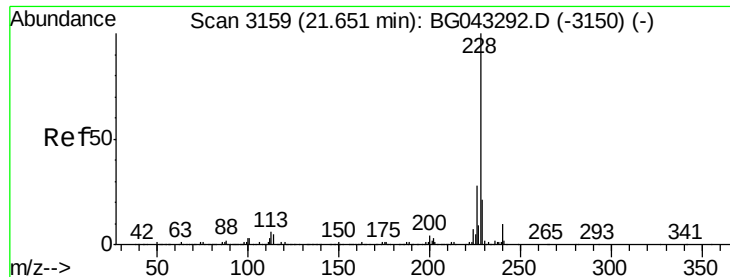
Ion Ratio Lower Upper

149 100

91 68.2 54.6 82.0

206 27.7 20.5 30.7





#81

Benzo(a)anthracene

Concen: 33.368 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampled :

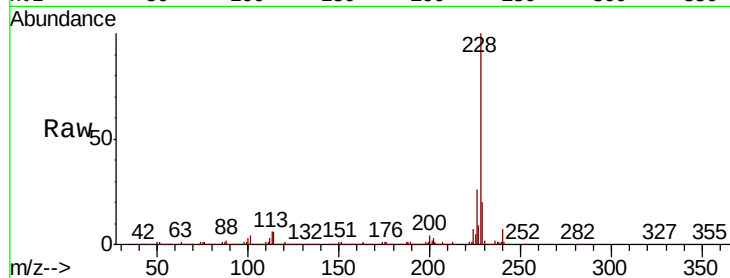
Tot Ion:228 Resp: 689724

Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.2	33.4
229	20.3	16.9	25.3

228 100

226 26.1 22.2 33.4

229 20.3 16.9 25.3

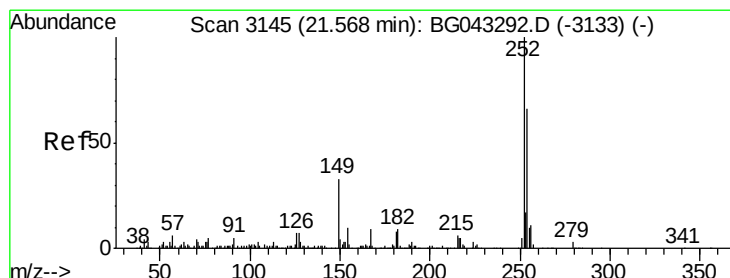
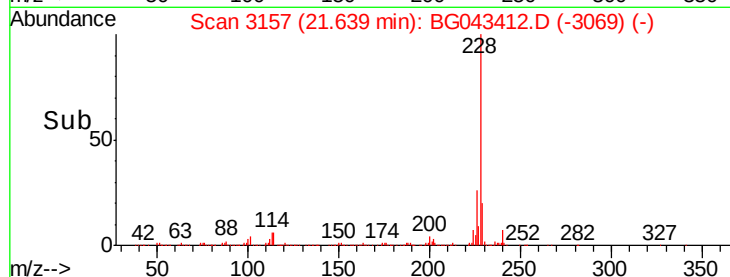
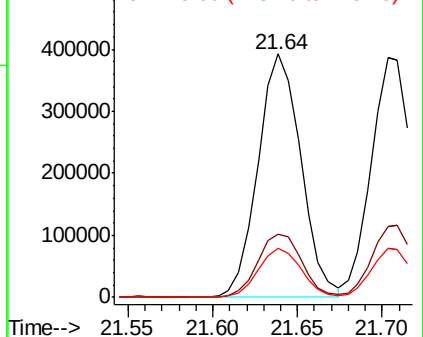


Abundance

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: 18.953 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

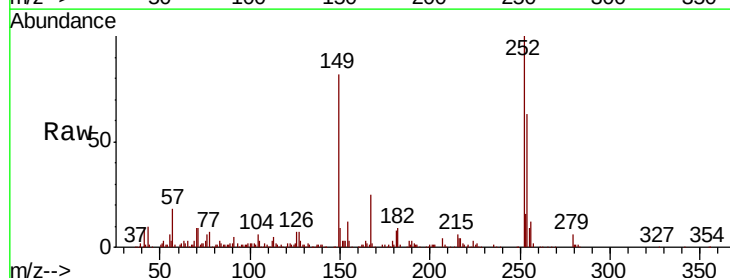
Tgt Ion:252 Resp: 151521

Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.7	79.1
126	7.1	5.6	8.4

252 100

254 63.5 52.7 79.1

126 7.1 5.6 8.4

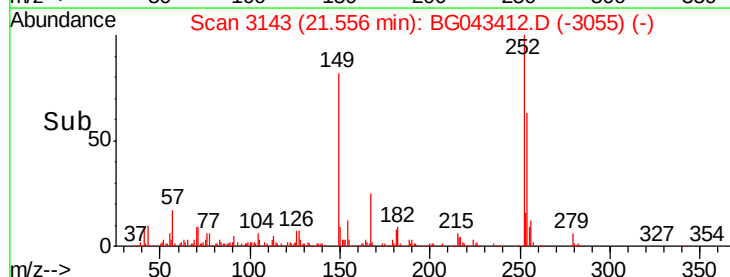
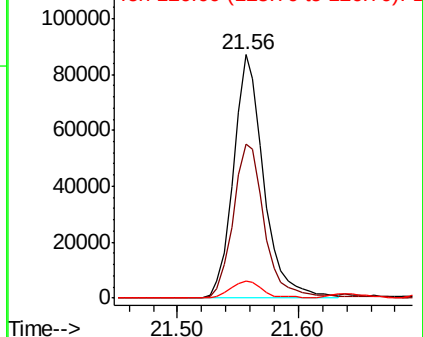


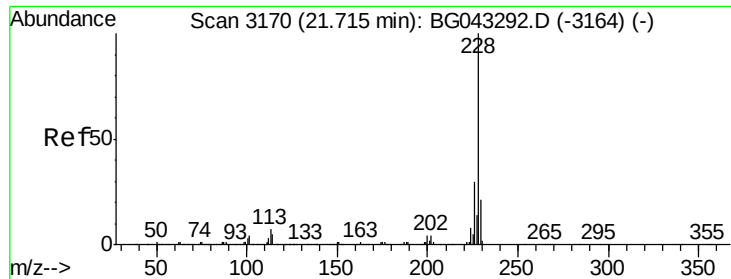
Abundance

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: 32.594 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

ClientSampled :

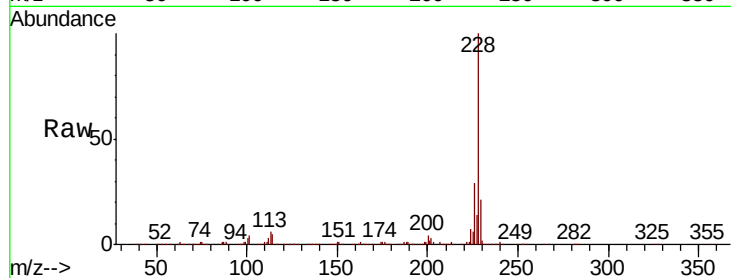
Tot Ion:228 Resp: 669396

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.8

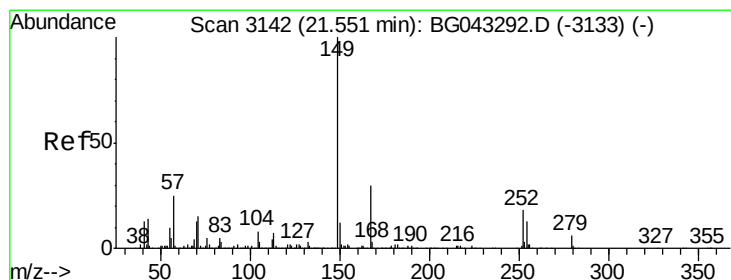
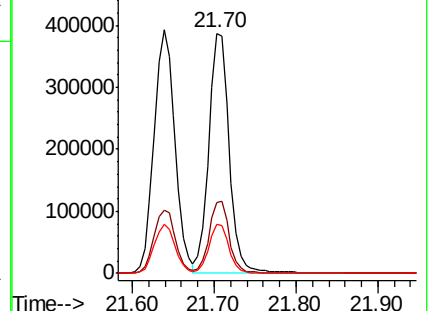
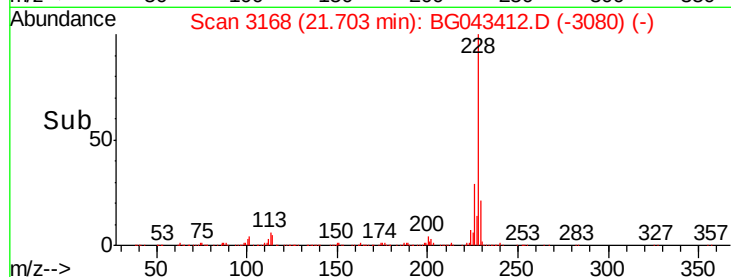
229 20.6 16.3 24.5



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: 33.173 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

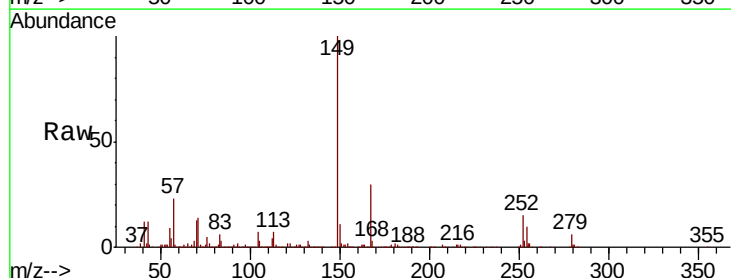
Tgt Ion:149 Resp: 364662

Ion Ratio Lower Upper

149 100

167 30.2 23.9 35.9

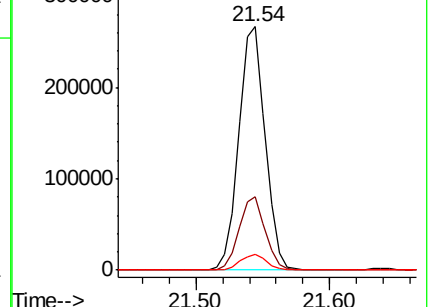
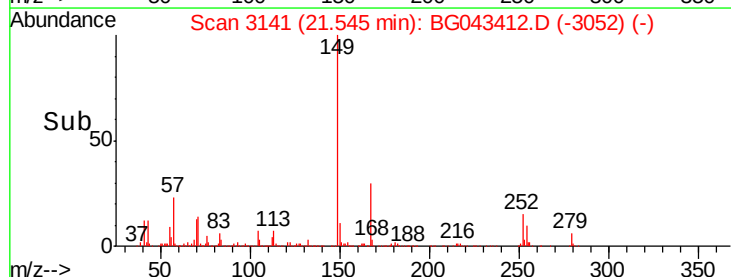
279 6.2 4.8 7.2

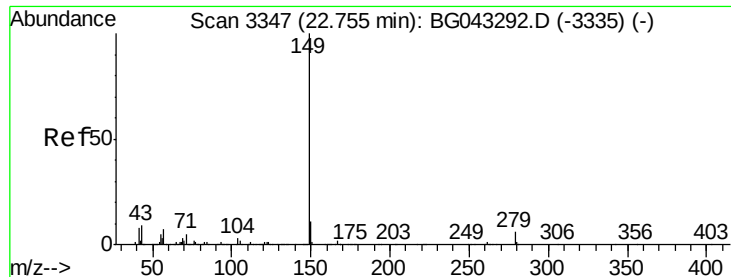


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

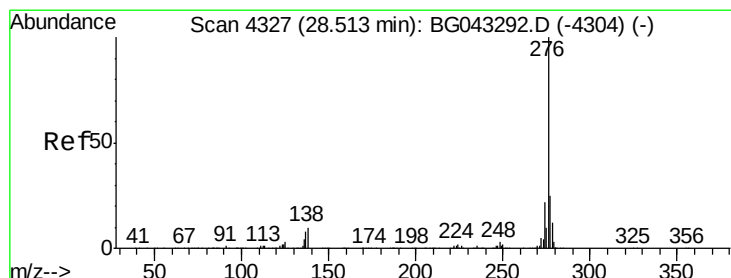
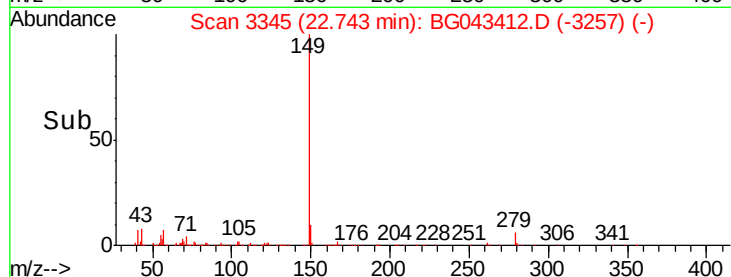
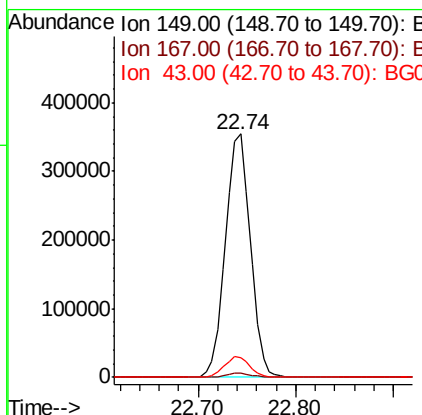
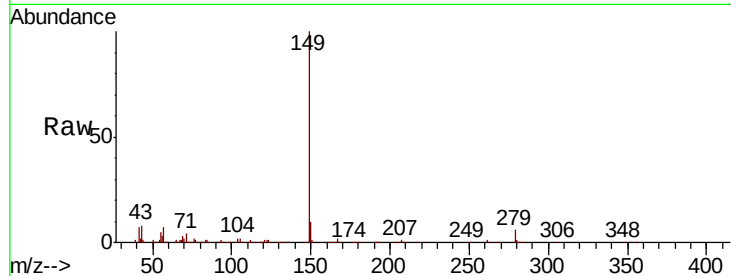




#85
Di-n-octyl phthalate
Concen: 33.711 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

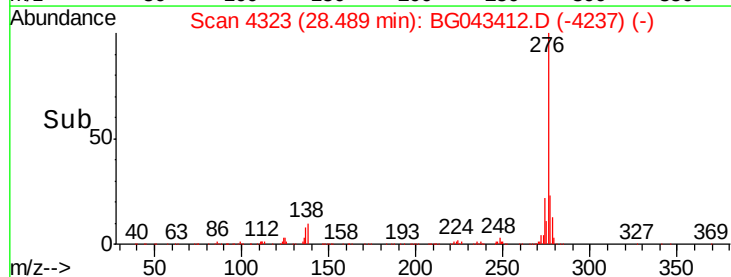
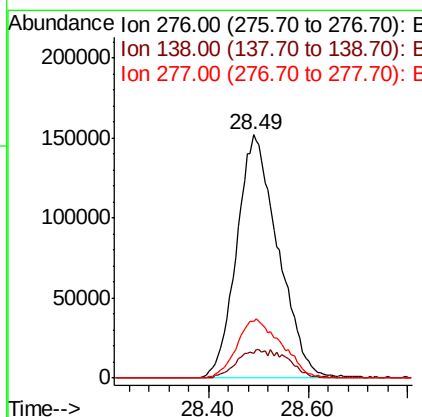
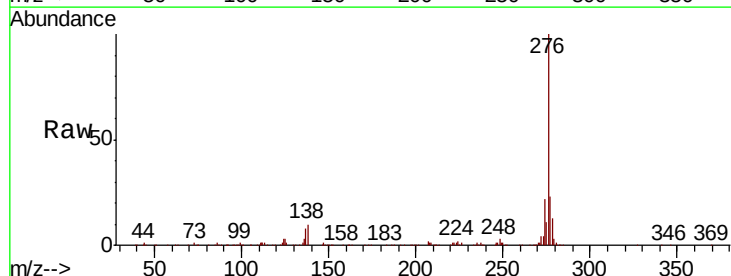
Instrument :
BNA_G
ClientSampleId :

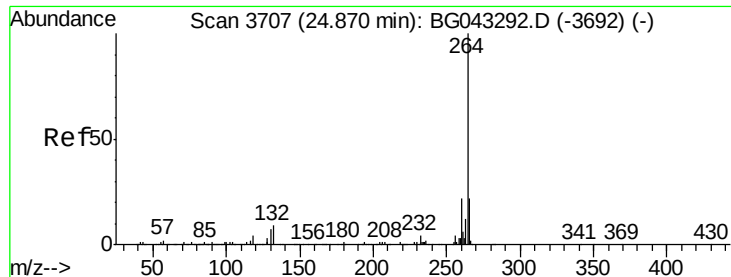
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.4	6.9	10.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.091 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.02 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.3	7.2	10.8
277	26.1	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

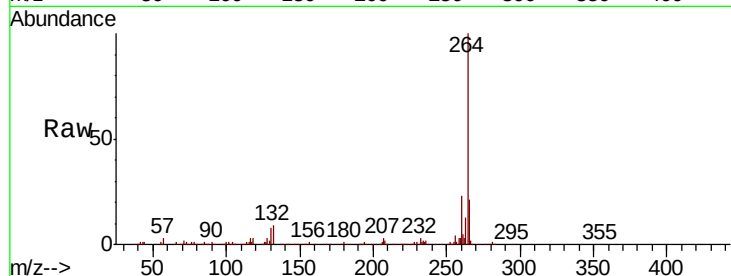
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 395306

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	20.8	17.4	26.2

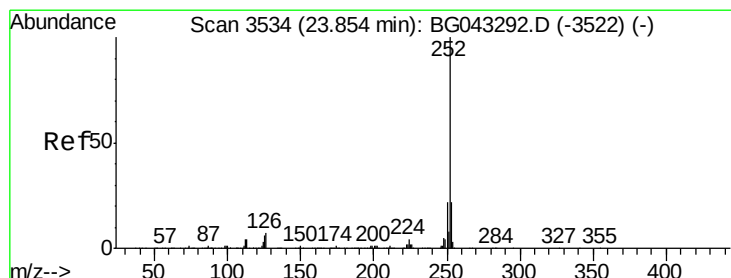
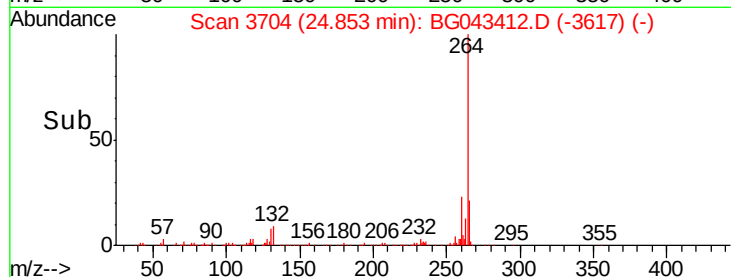
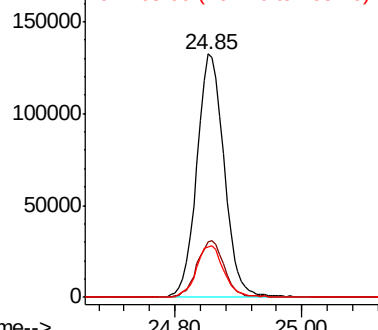


Abundance

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: 31.803 ng

RT: 23.84 min Scan# 3532

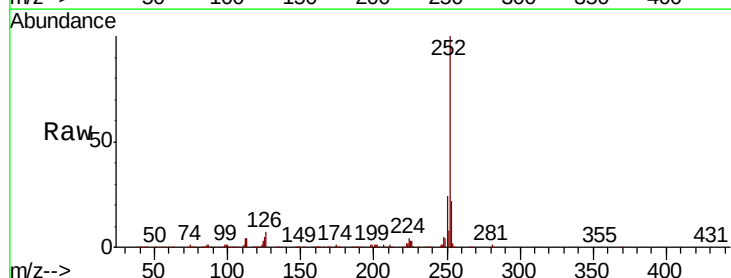
Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Tgt Ion:252 Resp: 712041

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	5.3	5.0	7.6

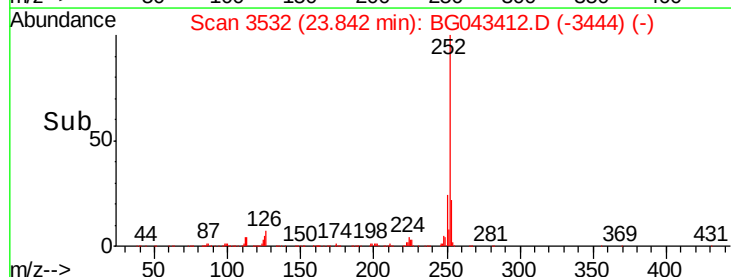
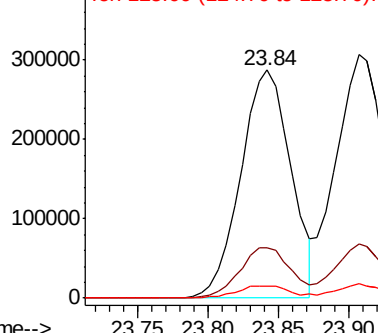


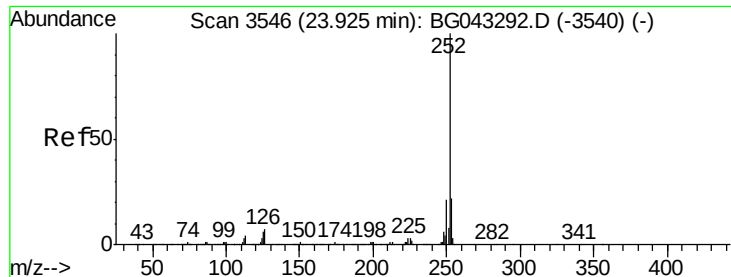
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

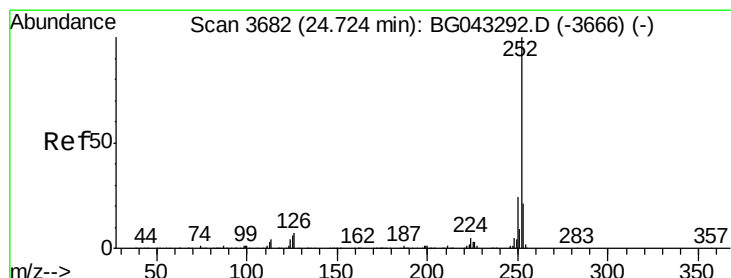
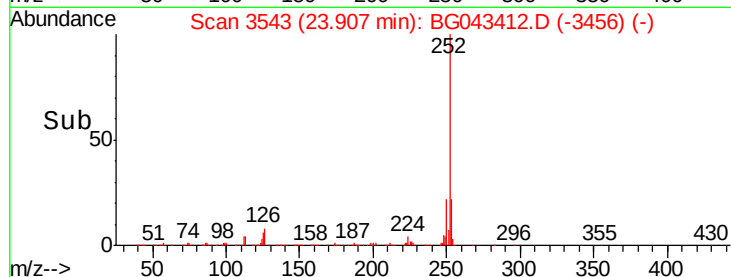
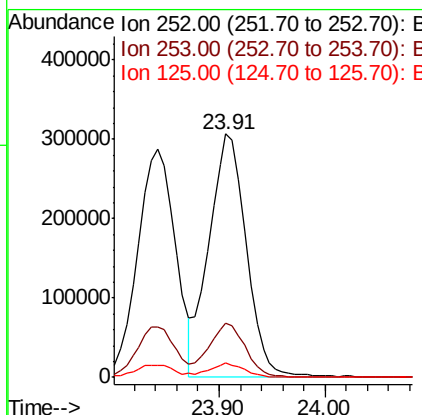
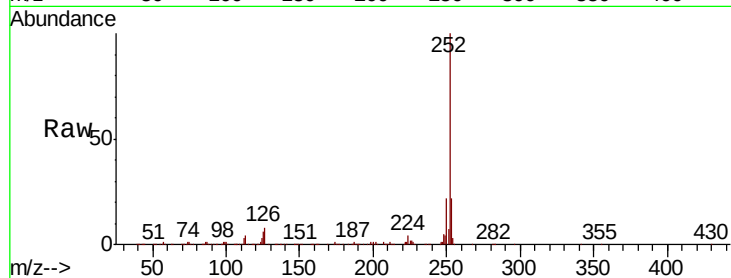




#89
Benzo(k)fluoranthene
Concen: 33.270 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.02 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

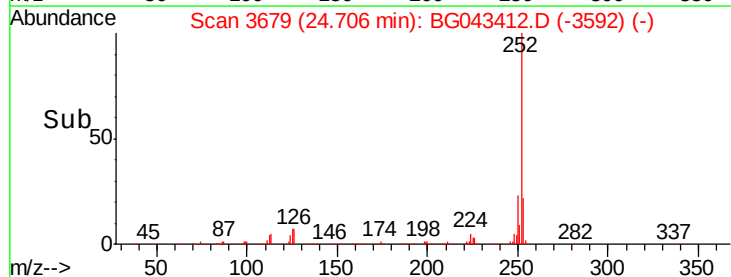
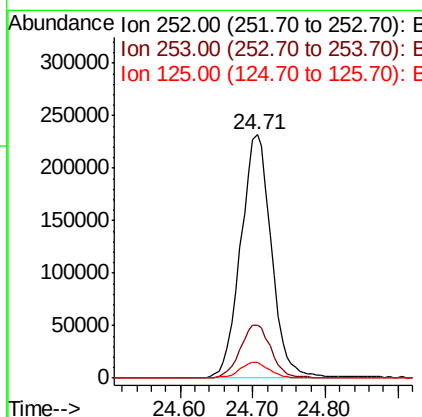
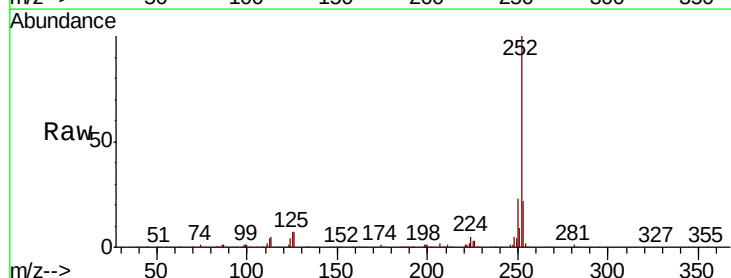
Instrument :
BNA_G
ClientSampleId :

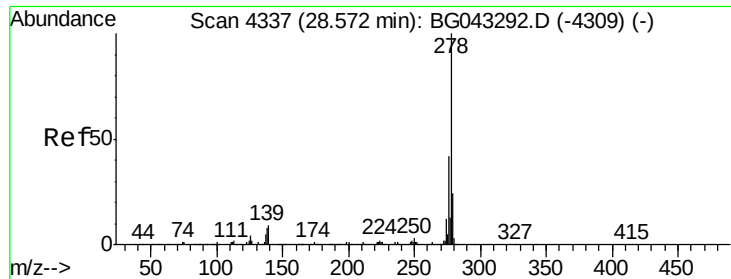
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	6.1	4.5	6.7



#90
Benzo(a)pyrene
Concen: 31.919 ng
RT: 24.71 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	6.6	5.0	7.6

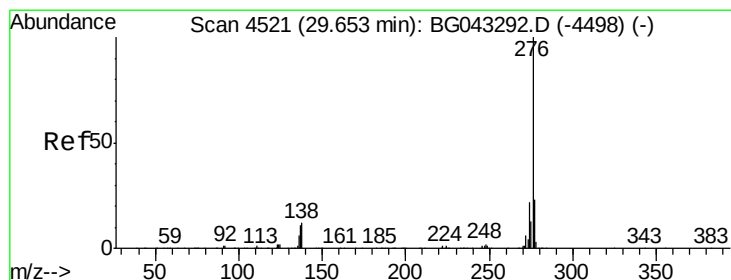
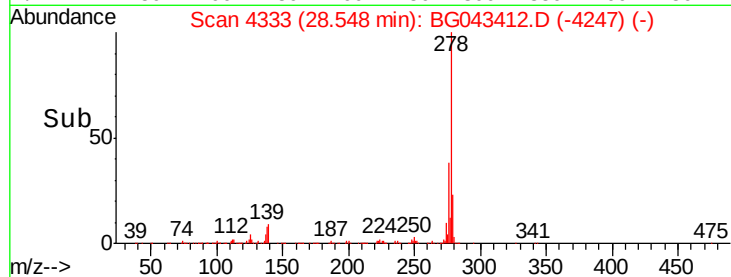
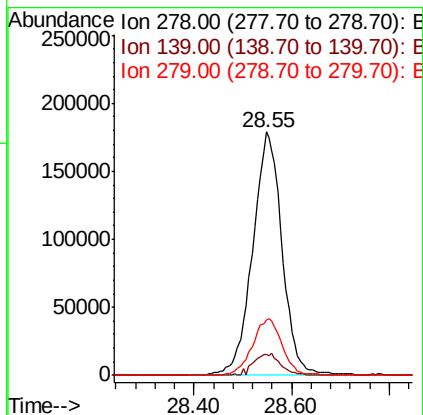
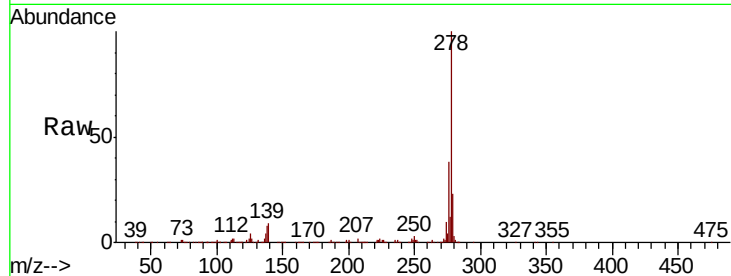




#91
Dibenzo(a,h)anthracene
Concen: 34.264 ng
RT: 28.55 min Scan# 4333
Delta R.T. -0.02 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	6.8	10.2
279	22.8	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 34.163 ng
RT: 29.63 min Scan# 4517
Delta R.T. -0.02 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.3	27.5
138	13.3	9.3	13.9

