

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043452.D
 Acq On : 1 Nov 2019 2:49
 Operator : JU
 Sample : PB124468BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 04:03:51 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	34928	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	140541	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	117113	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	280340	20.00	ng	0.00
76) Chrysene-d12	21.66	240	318491	20.00	ng	0.00
87) Perylene-d12	24.87	264	363261	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	244325	128.18	ng	0.00
7) Phenol-d6	7.21	99	326468	119.04	ng	0.00
23) Nitrobenzene-d5	9.18	82	161493	59.24	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	213778	95.92	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	447061	52.75	ng	0.00
79) Terphenyl-d14	20.01	244	909465	53.57	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	29385	39.561	ng	97
3) Pyridine	3.88	79	69104	36.881	ng	88
4) n-Nitrosodimethylamine	3.80	42	42072	44.498	ng	83
6) Aniline	7.35	93	96193	30.449	ng	94
8) 2-Chlorophenol	7.60	128	97160	46.177	ng	99
9) Benzaldehyde	7.16	77	54878	40.719	ng	85
10) Phenol	7.24	94	113692	45.368	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	79354	40.957	ng	95
12) 1,3-Dichlorobenzene	7.91	146	106320	40.330	ng	98
13) 1,4-Dichlorobenzene	8.06	146	109525	41.063	ng	96
14) 1,2-Dichlorobenzene	8.38	146	103612	39.785	ng	97
15) Benzyl Alcohol	8.27	79	83480	43.344	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	109083	38.720	ng	99
17) 2-Methylphenol	8.48	107	85213	46.644	ng	95
18) Hexachloroethane	9.11	117	38724	40.241	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	68504	38.657	ng	99
20) 3+4-Methylphenols	8.81	107	110256	44.013	ng	89
22) Acetophenone	8.84	105	137108	38.095	ng	97
24) Nitrobenzene	9.23	77	107281	41.311	ng	94
25) Isophorone	9.75	82	195446	39.215	ng	99
26) 2-Nitrophenol	9.94	139	52717	42.048	ng	99
27) 2,4-Dimethylphenol	10.01	122	89390	49.746	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	109007	39.628	ng	99
29) 2,4-Dichlorophenol	10.49	162	99389	43.168	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	113535	39.125	ng	97
31) Naphthalene	10.88	128	295887	41.477	ng	98
32) Benzoic acid	10.17	122	41174	33.400	ng	94
33) 4-Chloroaniline	11.00	127	58402	19.972	ng	98
34) Hexachlorobutadiene	11.16	225	82669	38.539	ng	94
35) Caprolactam	11.76	113	26232	33.082	ng	# 83
36) 4-Chloro-3-methylphenol	12.13	107	108030	43.016	ng	99
37) 2-Methylnaphthalene	12.48	142	226222	41.329	ng	95
38) 1-Methylnaphthalene	12.70	142	214519	41.190	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	147361	34.000	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	160892	70.667	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	94345	36.963	nq	95
44) 2,4,5-Trichlorophenol	13.18	196	99226	38.453	nq	96
46) 1,1'-Biphenyl	13.48	154	302621	33.967	nq	97
47) 2-Chloronaphthalene	13.53	162	234570	34.603	nq	98
48) 2-Nitroaniline	13.74	65	71314	35.198	nq	93
49) Acenaphthylene	14.37	152	390573	37.020	nq	98
50) Dimethylphthalate	14.11	163	305505	33.679	nq	99
51) 2,6-Dinitrotoluene	14.23	165	69299	35.165	nq	96
52) Acenaphthene	14.71	154	225863	35.105	nq	99
53) 3-Nitroaniline	14.57	138	47976	25.215	nq	88
54) 2,4-Dinitrophenol	14.77	184	73247	61.385	nq	97
55) Dibenzofuran	15.05	168	371717	35.627	nq	99
56) 4-Nitrophenol	14.89	139	107189	84.067	nq	96
57) 2,4-Dinitrotoluene	15.02	165	100895	35.825	nq	# 97
58) Fluorene	15.70	166	314126	35.896	nq	94
59) 2,3,4,6-Tetrachlorophenol	15.28	232	104395	38.078	nq	# 98
60) Diethylphthalate	15.46	149	313159	34.358	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	178447	34.955	nq	96
62) 4-Nitroaniline	15.73	138	67674	34.440	nq	96
63) Azobenzene	15.98	77	265324	35.968	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	61102	37.036	nq	96
66) n-Nitrosodiphenylamine	15.91	169	279579	35.324	nq	97
67) 4-Bromophenyl-phenylether	16.58	248	129224	34.252	nq	96
68) Hexachlorobenzene	16.70	284	146599	33.852	nq	99
69) Atrazine	16.85	200	124059	45.109	nq	96
70) Pentachlorophenol	17.06	266	164981	83.606	nq	97
71) Phenanthrene	17.44	178	510712	35.576	nq	98
72) Anthracene	17.53	178	533625	37.153	nq	100
73) Carbazole	17.80	167	476928	36.668	nq	98
74) Di-n-butylphthalate	18.36	149	567809	35.979	nq	99
75) Fluoranthene	19.45	202	695232	37.148	nq	99
77) Benzidine	19.63	184	217187	33.884	nq	98
78) Pyrene	19.81	202	706979	35.861	nq	100
80) Butylbenzylphthalate	20.69	149	262544	35.151	nq	97
81) Benzo(a)anthracene	21.65	228	726493	36.416	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	241700	31.323	nq	98
83) Chrysene	21.71	228	707933	35.715	nq	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	382309	36.034	nq	99
85) Di-n-octyl phthalate	22.75	149	667120	37.062	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	928804	37.329	nq	# 76
88) Benzo(b)fluoranthene	23.85	252	764894	37.178	nq	98
89) Benzo(k)fluoranthene	23.92	252	772399	37.292	nq	99
90) Benzo(a)pyrene	24.71	252	712377	36.259	nq	100
91) Dibenzo(a,h)anthracene	28.58	278	784603	39.043	nq	98
92) Benzo(g,h,i)perylene	29.65	276	776709	39.184	nq	99

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

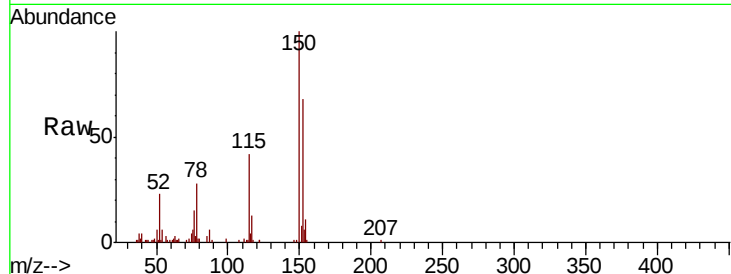


#1

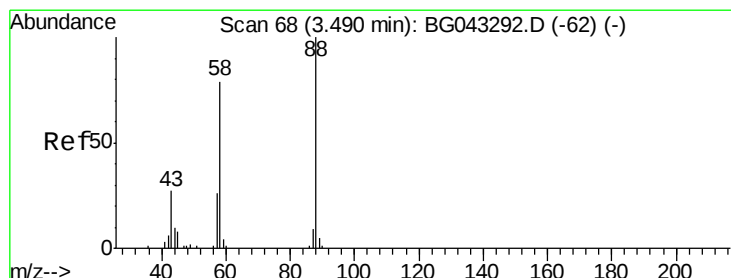
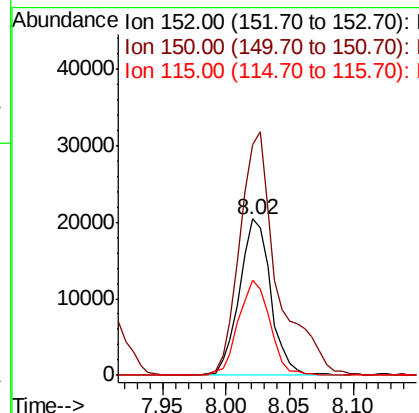
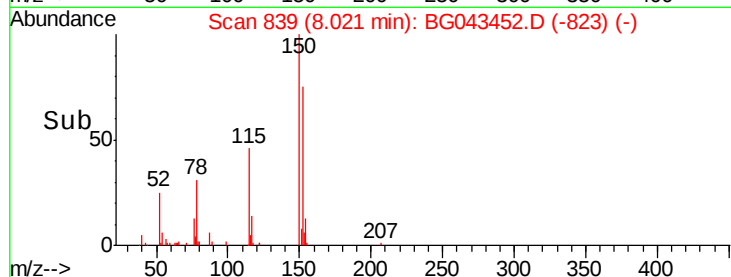
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34928
Ion Ratio Lower Upper
152 100
150 147.8 113.6 170.4
115 61.4 45.9 68.9



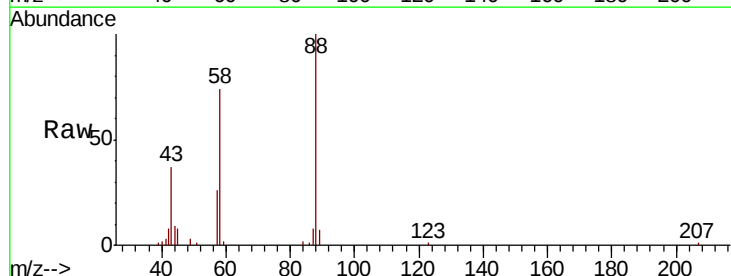
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



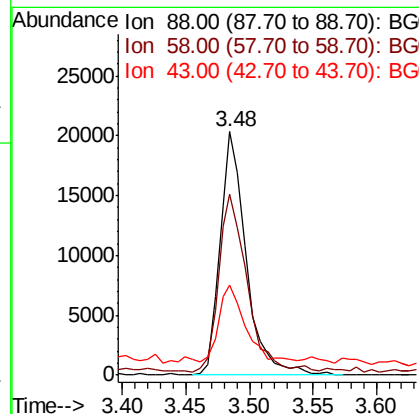
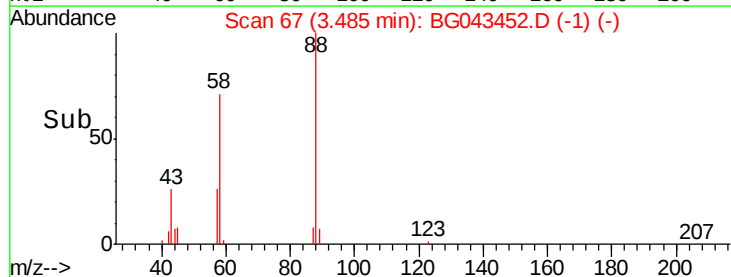
#2

1,4-Dioxane
Concen: 39.561 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion: 88 Resp: 29385
Ion Ratio Lower Upper
88 100
58 77.5 60.2 90.2
43 31.3 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: 36.881 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

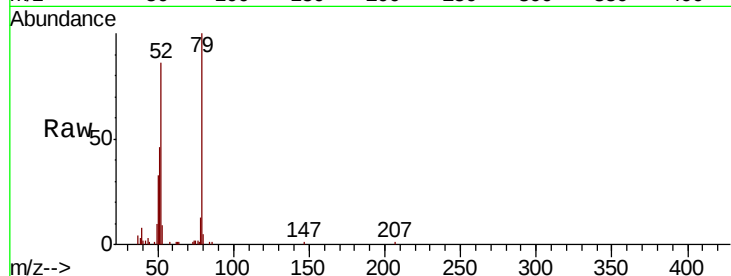
Tot Ion: 79 Resp: 69104

Ion Ratio Lower Upper

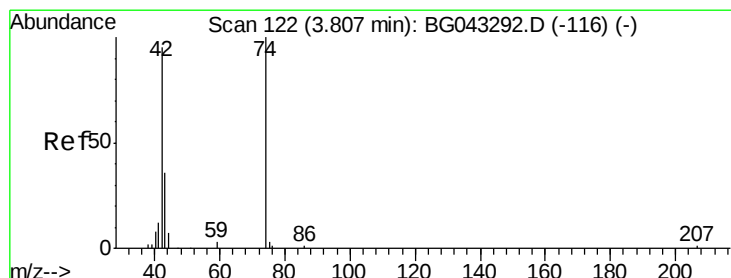
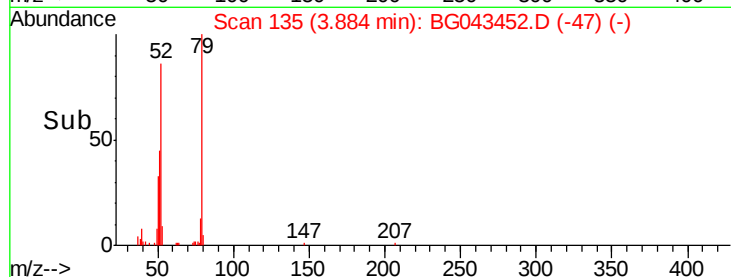
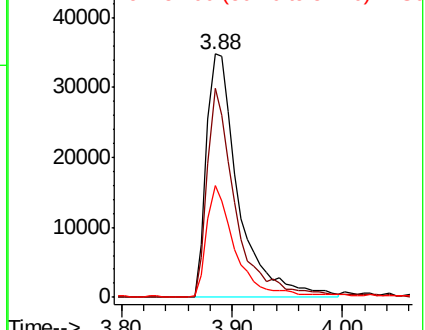
79 100

52 85.6 59.7 89.5

51 45.7 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: 44.498 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

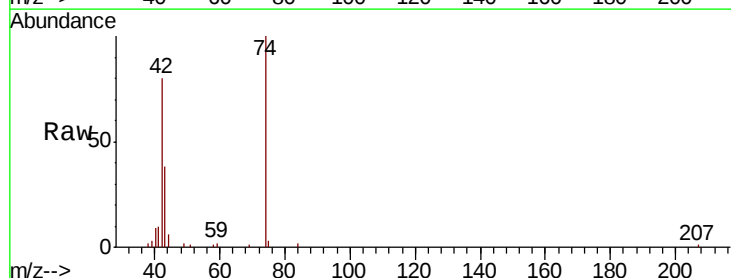
Tgt Ion: 42 Resp: 42072

Ion Ratio Lower Upper

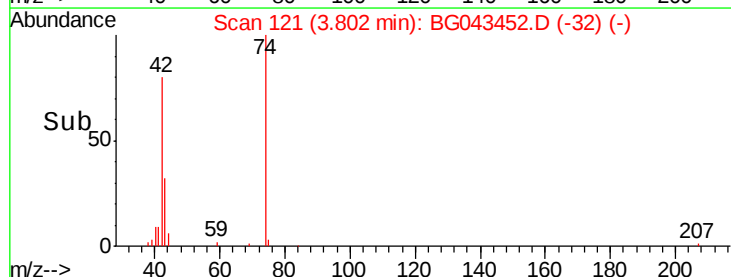
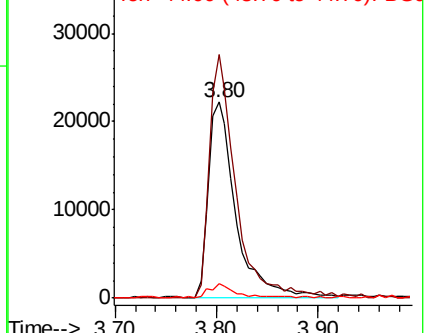
42 100

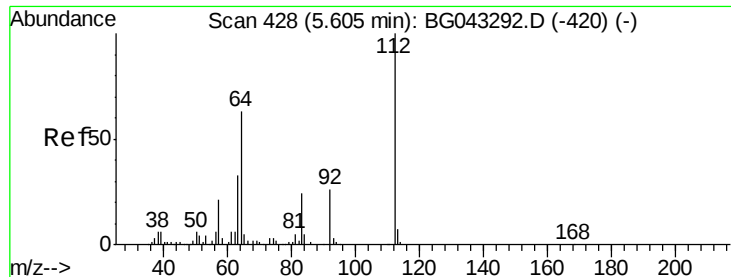
74 124.3 84.2 126.2

44 7.1 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: 128.182 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

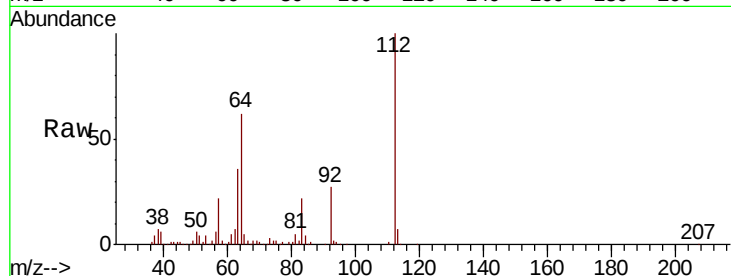
Tot Ion:112 Resp: 244325

Ion Ratio Lower Upper

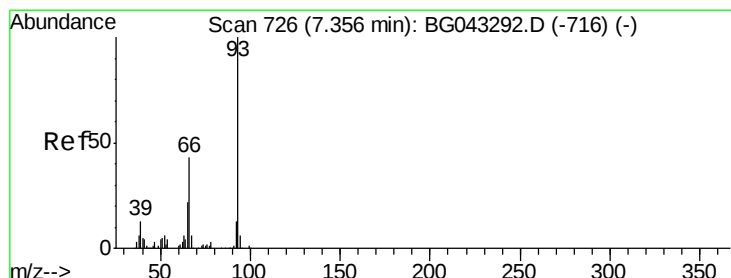
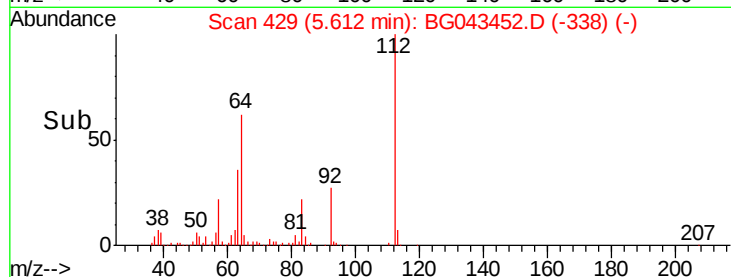
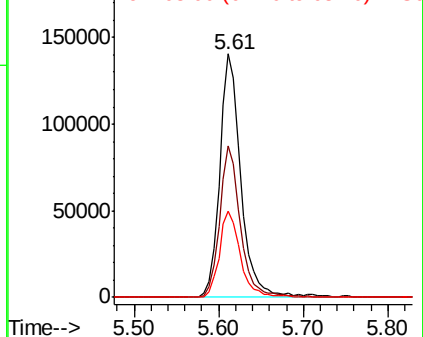
112 100

64 62.2 50.2 75.2

63 35.6 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: 30.449 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

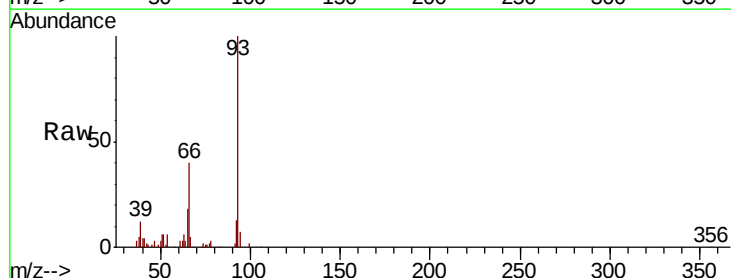
Tgt Ion: 93 Resp: 96193

Ion Ratio Lower Upper

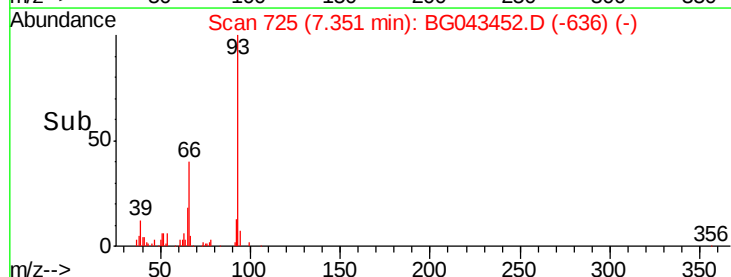
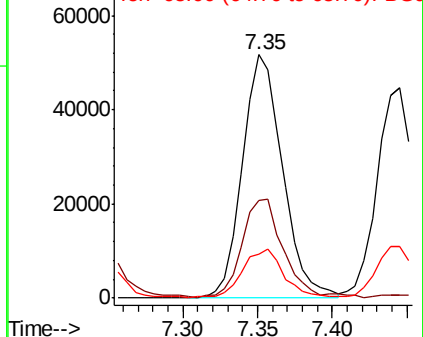
93 100

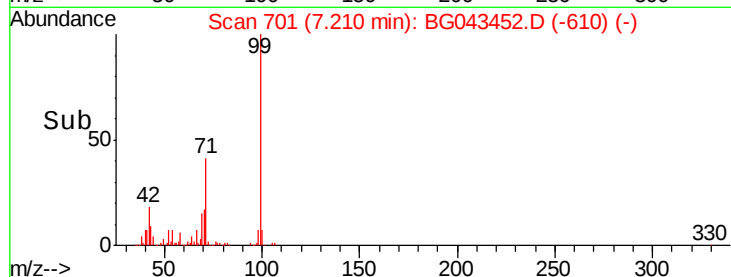
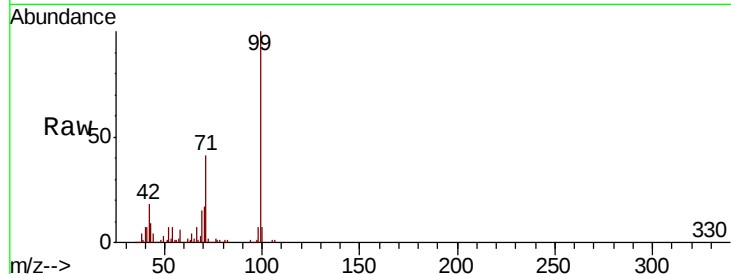
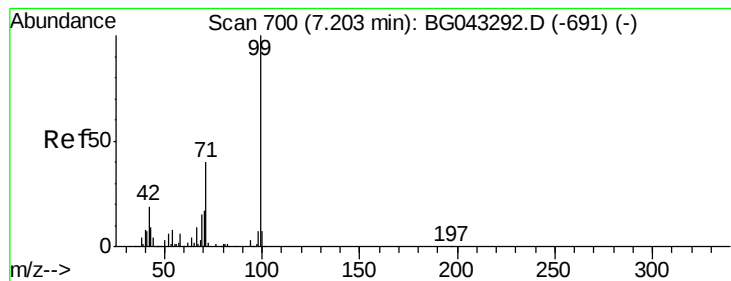
66 40.0 34.5 51.7

65 18.3 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: 119.044 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

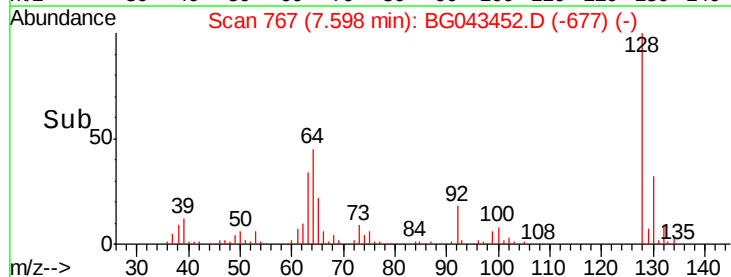
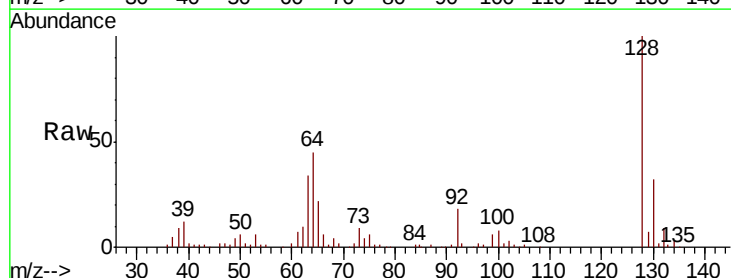
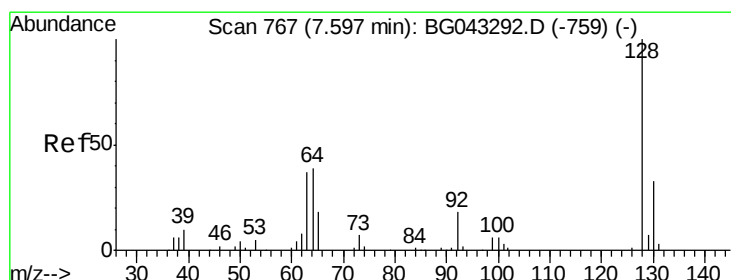
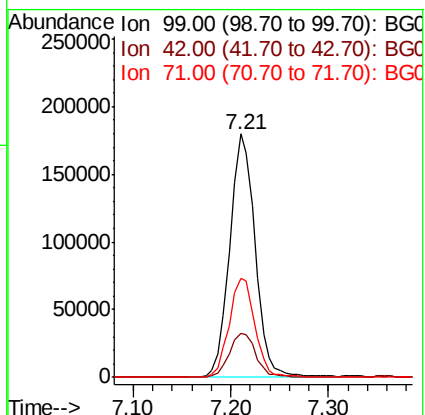
Tot Ion: 99 Resp: 326468

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

71 40.7 32.2 48.2



#8

2-Chlorophenol

Concen: 46.177 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

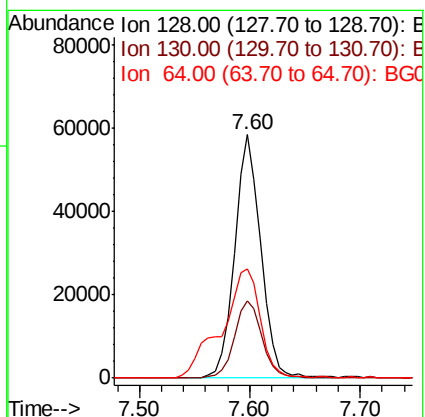
Tgt Ion: 128 Resp: 97160

Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

64 44.9 24.9 64.9





#9

Benzaldehyde

Concen: 40.719 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

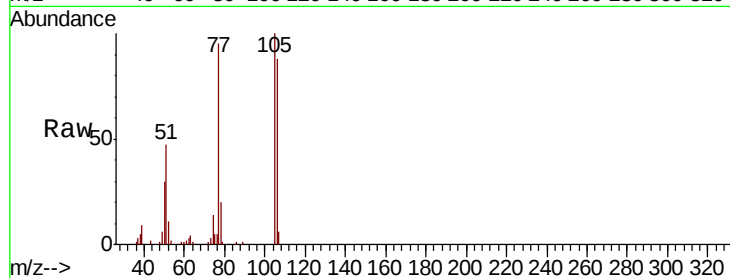
Tot Ion: 77 Resp: 54878

Ion Ratio Lower Upper

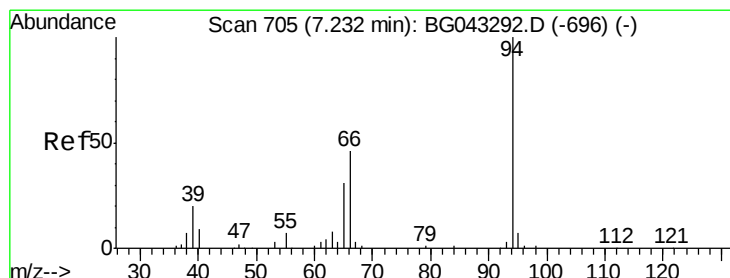
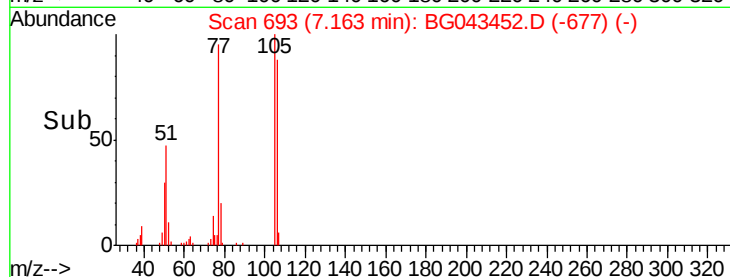
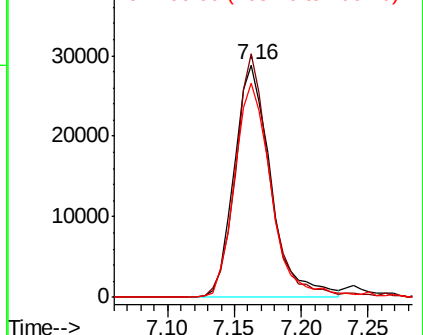
77 100

105 104.8 68.7 108.7

106 92.1 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: 45.368 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

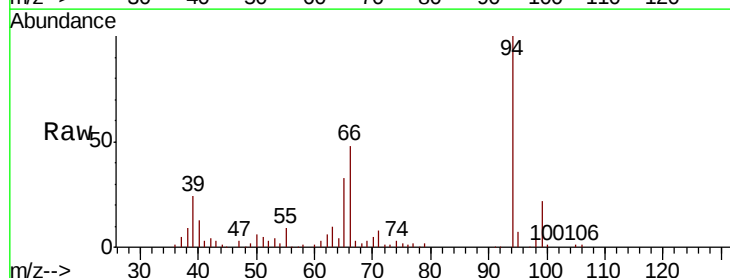
Tgt Ion: 94 Resp: 113692

Ion Ratio Lower Upper

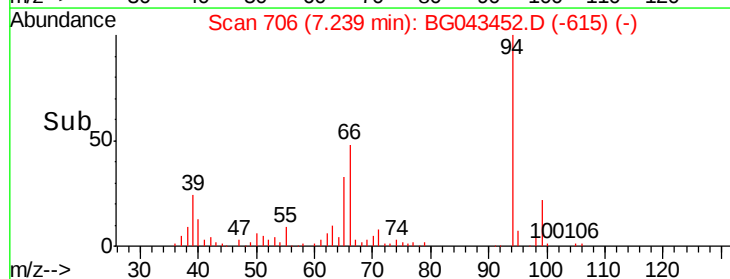
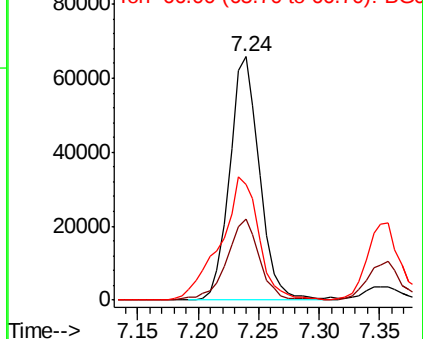
94 100

65 33.4 11.1 51.1

66 47.7 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



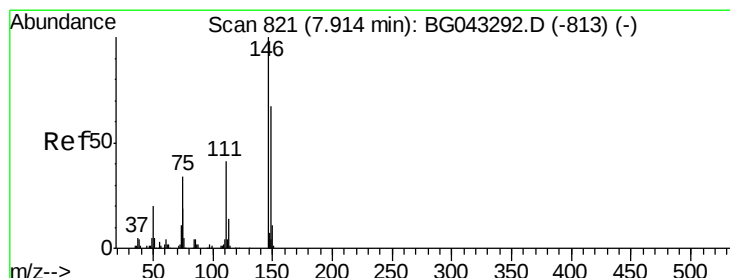
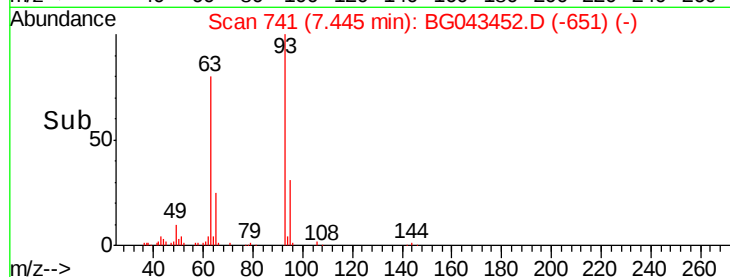
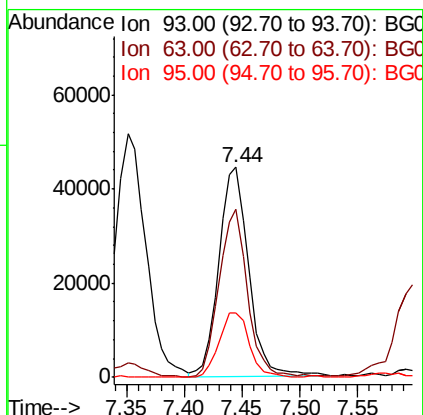
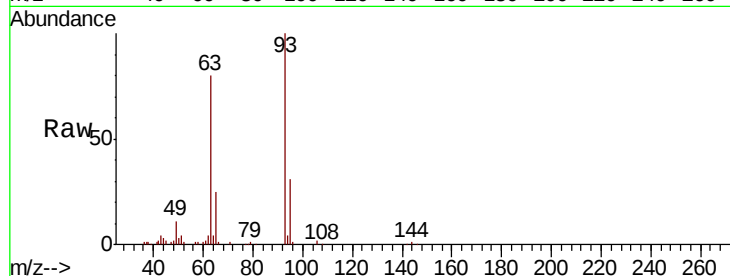


#11
bis(2-Chloroethyl)ether
Concen: 40.957 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 79354

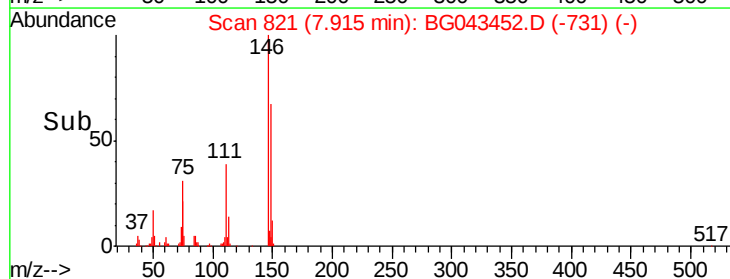
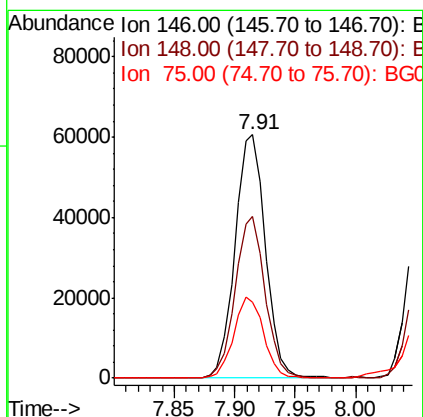
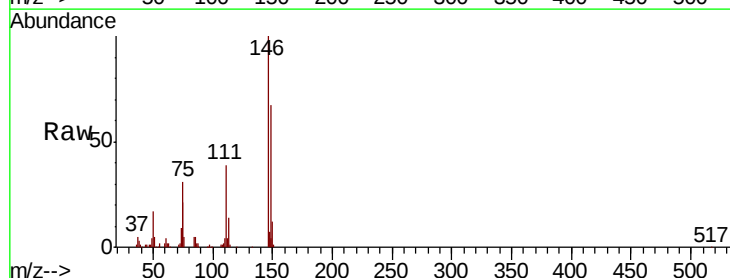
Ion	Ratio	Lower	Upper
93	100		
63	79.8	54.6	94.6
95	30.8	9.7	49.7

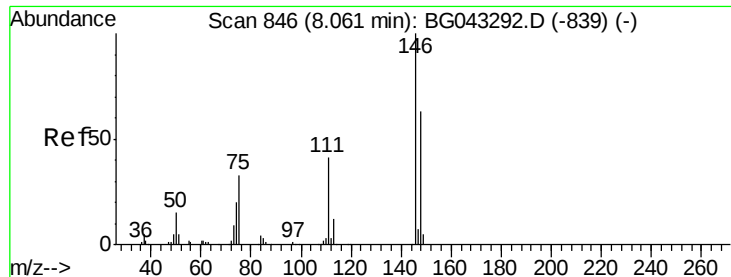


#12
1,3-Dichlorobenzene
Concen: 40.330 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion: 146 Resp: 106320

Ion	Ratio	Lower	Upper
146	100		
148	66.6	53.4	80.2
75	31.4	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 41.063 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

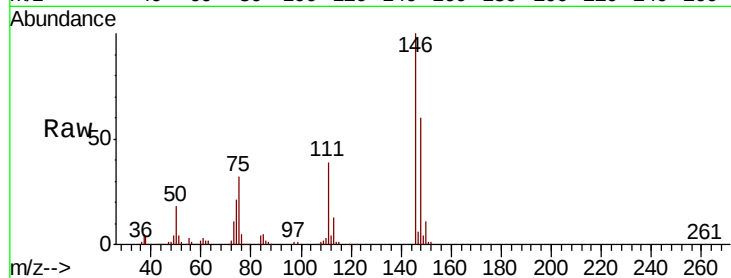
Tot Ion:146 Resp: 109525

Ion Ratio Lower Upper

146 100

148 59.8 50.7 76.1

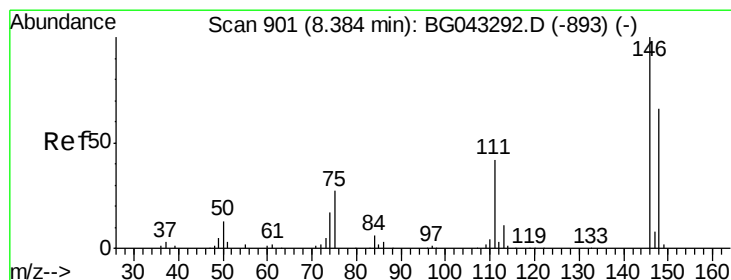
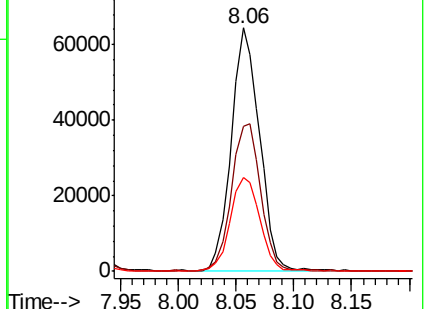
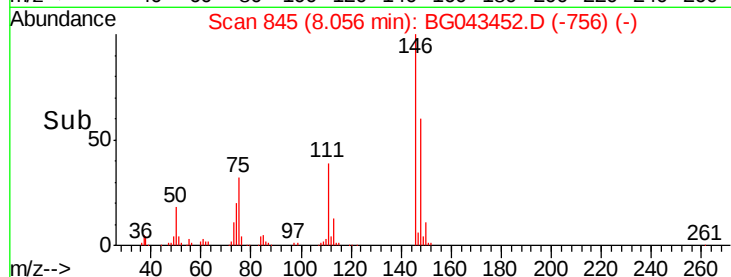
111 38.6 33.0 49.6



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: 39.785 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

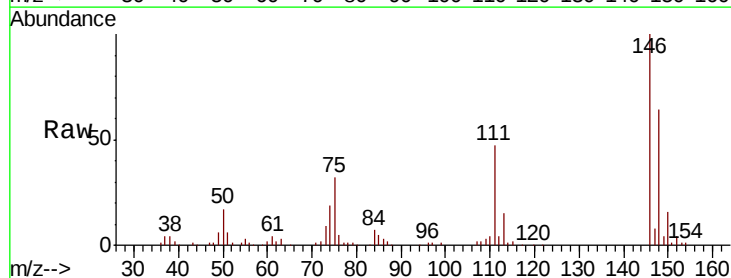
Tgt Ion:146 Resp: 103612

Ion Ratio Lower Upper

146 100

148 64.5 53.0 79.4

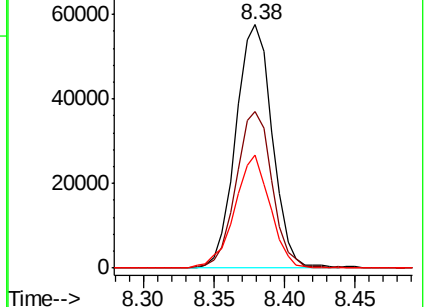
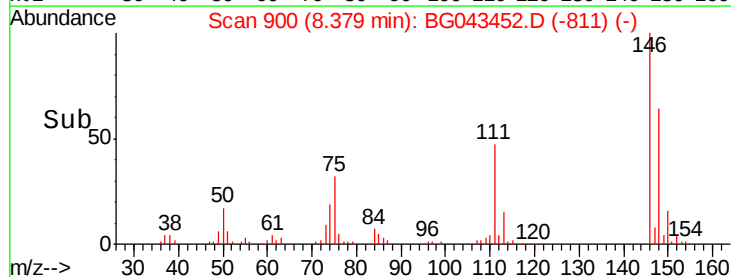
111 46.5 34.5 51.7



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

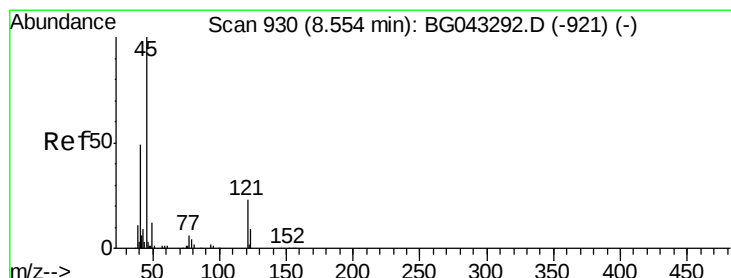
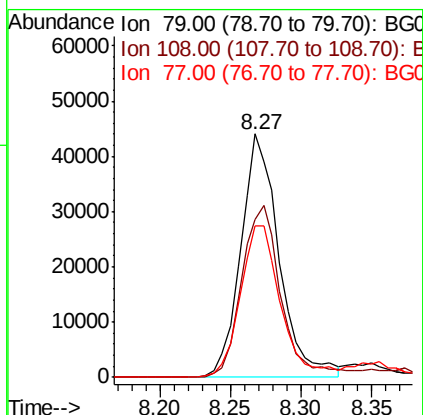
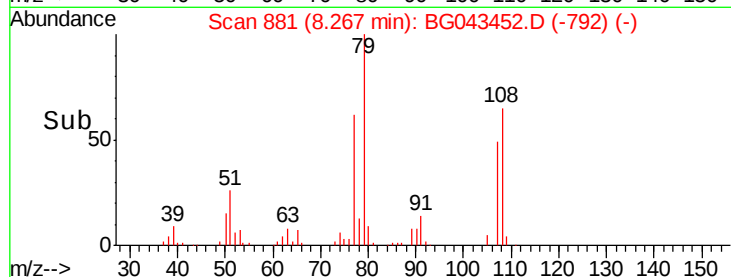
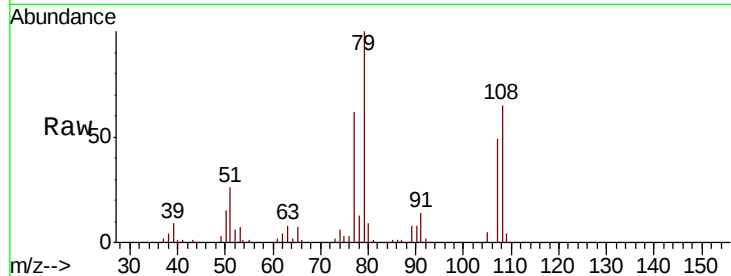




#15
Benzyl Alcohol
Concen: 43.344 ng
RT: 8.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

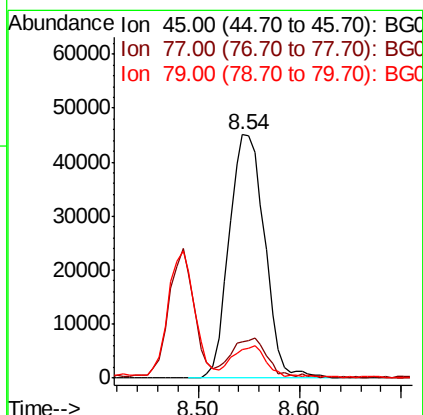
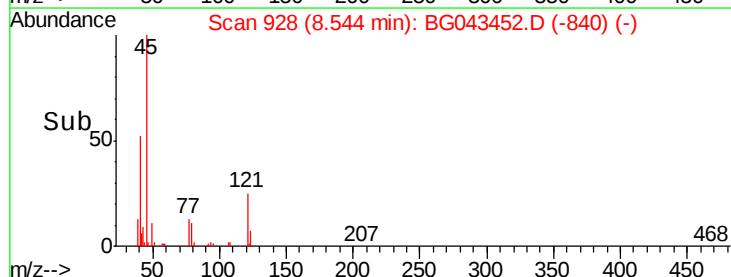
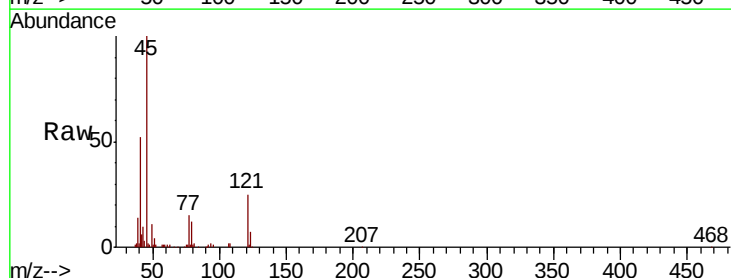
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.6	57.3	85.9
77	62.4	54.6	81.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.720 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.01 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	34.2
79	11.7	0.0	32.3





#17

2-Methylphenol

Concen: 46.644 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.01 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 85213

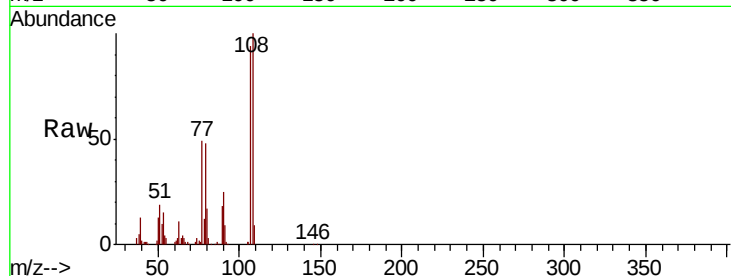
Ion Ratio Lower Upper

107 100

108 106.8 91.3 136.9

77 51.9 43.0 64.6

79 50.9 43.4 65.2

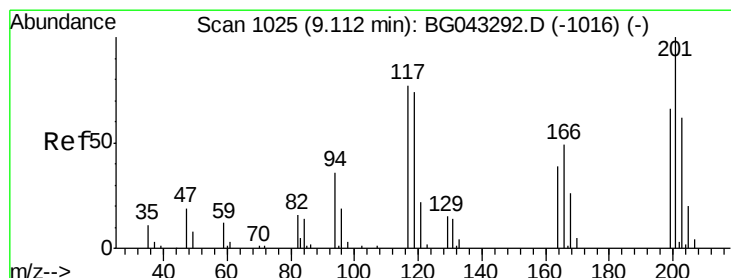
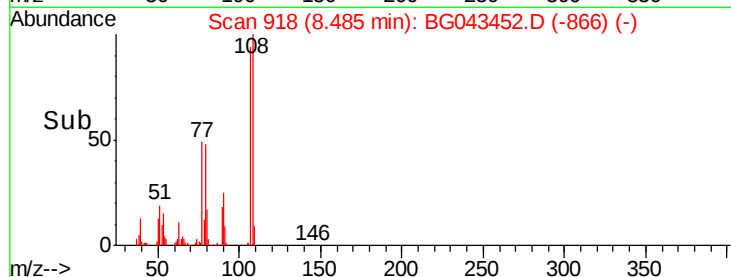
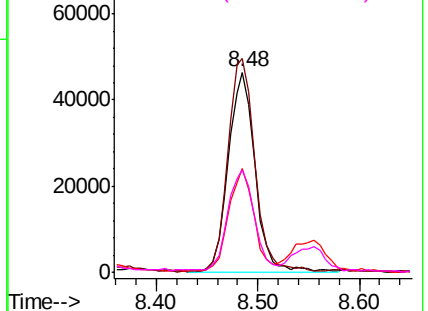


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.241 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

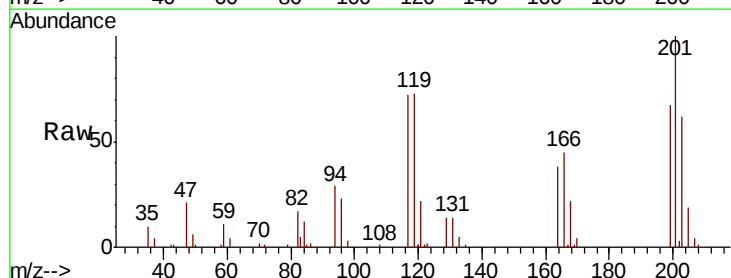
Tgt Ion:117 Resp: 38724

Ion Ratio Lower Upper

117 100

119 101.3 77.3 115.9

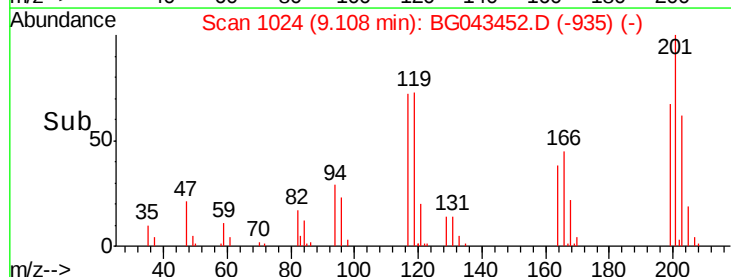
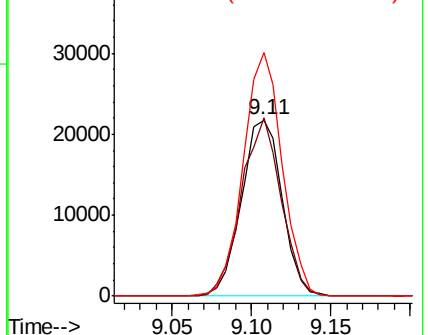
201 138.4 104.2 156.4

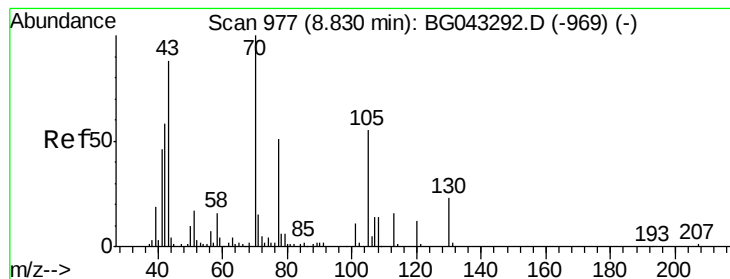


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.657 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 68504

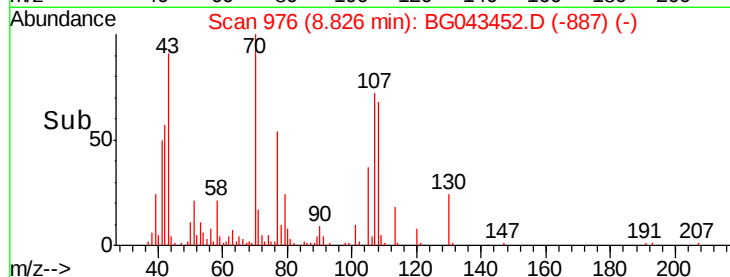
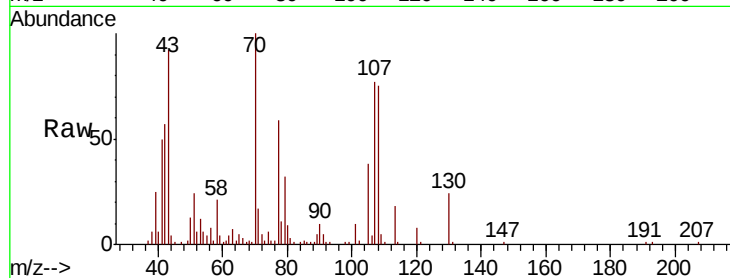
Ion Ratio Lower Upper

70 100

42 57.3 46.2 69.2

101 10.5 8.6 13.0

130 23.9 18.6 27.8



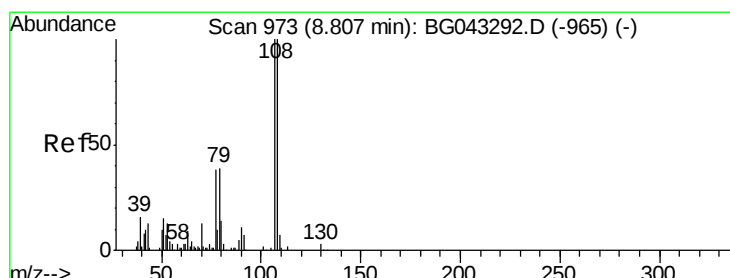
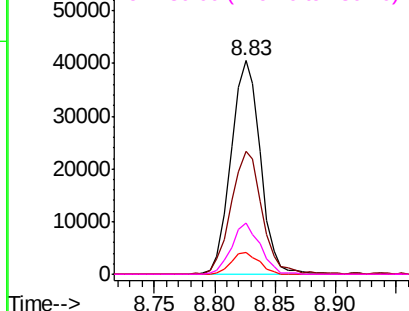
Abundance

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: 44.013 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.01 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Tgt Ion:107 Resp: 110256

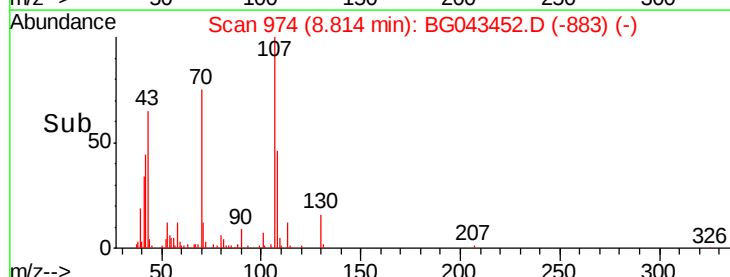
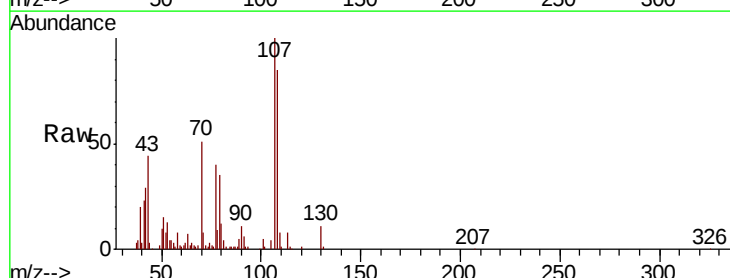
Ion Ratio Lower Upper

107 100

108 84.9 80.3 120.3

77 40.2 18.2 58.2

79 35.4 18.8 58.8



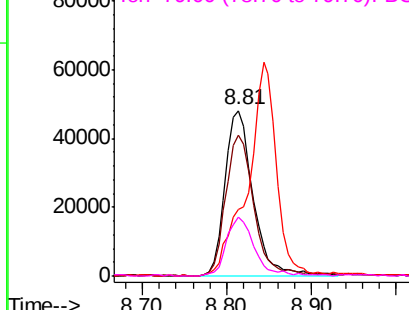
Abundance

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

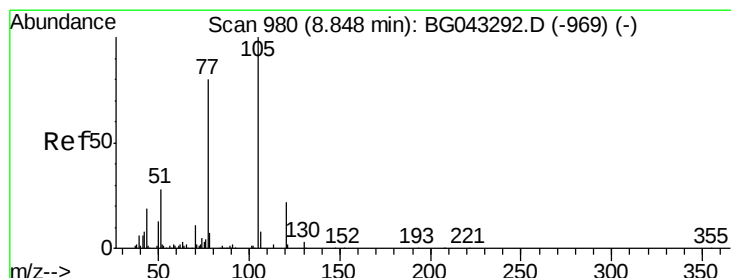
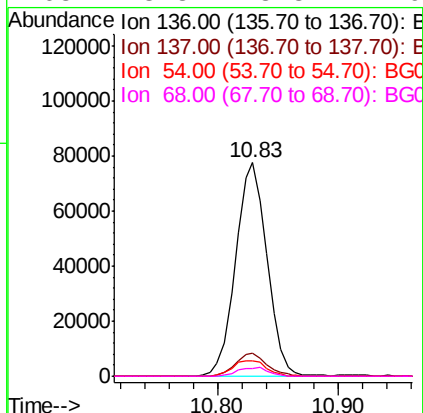
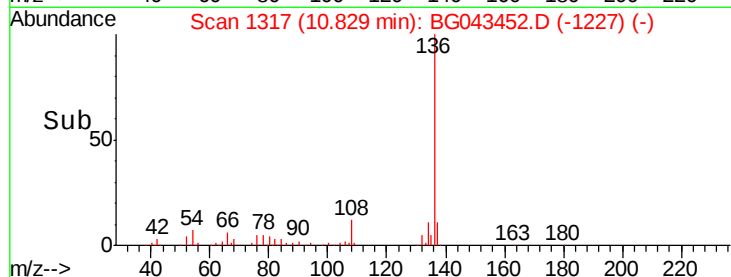
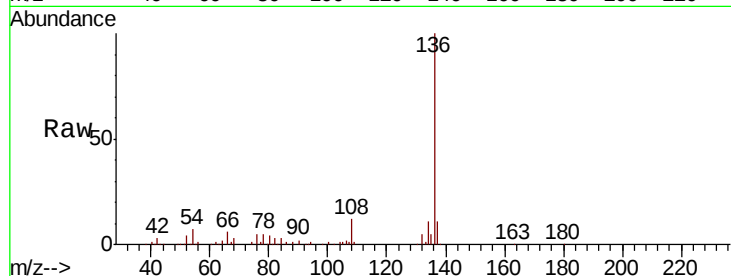




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

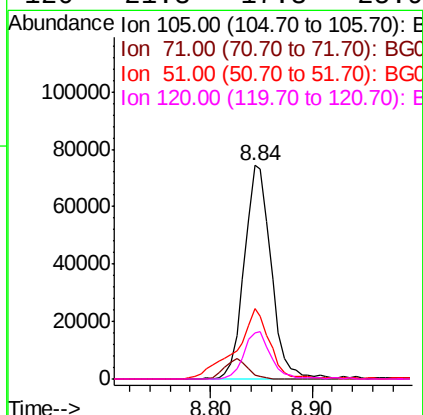
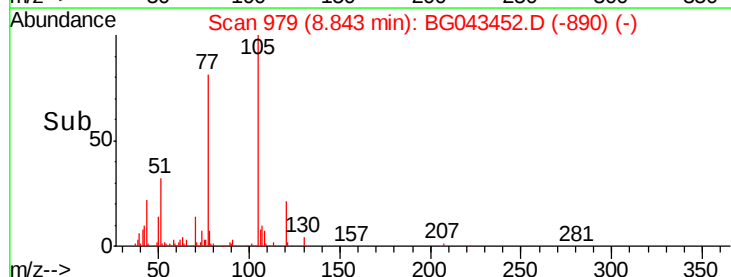
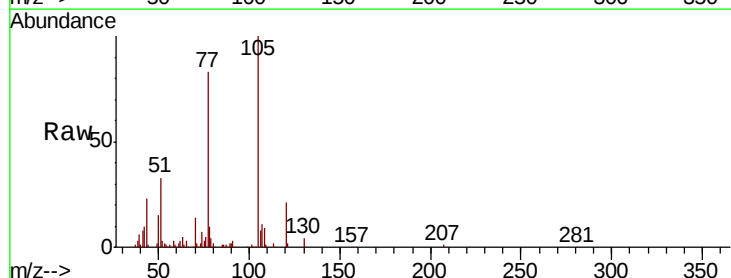
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	140541
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.2 12.2
54	6.9	5.4 8.2
68	3.3	3.3 4.9



#22
Acetophenone
Concen: 38.095 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion:105	Resp:	137108
Ion Ratio	Lower	Upper
105	100	
71	1.9	1.5 2.3
51	33.0	23.9 35.9
120	21.3	17.3 25.9

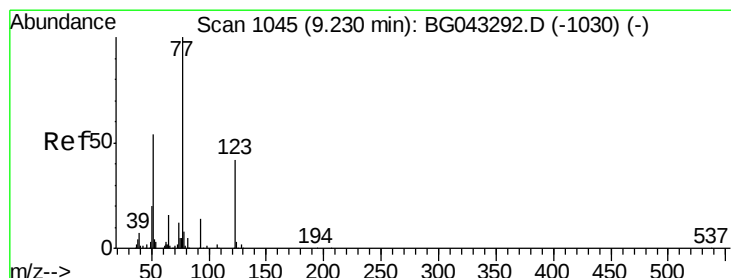
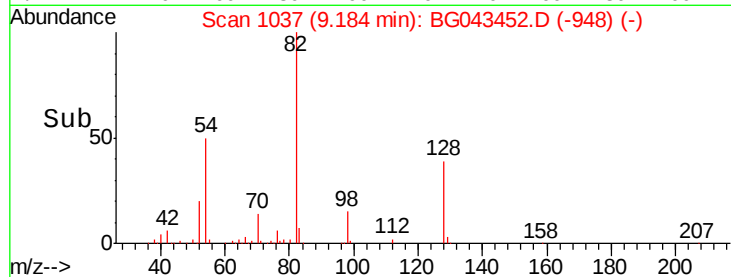
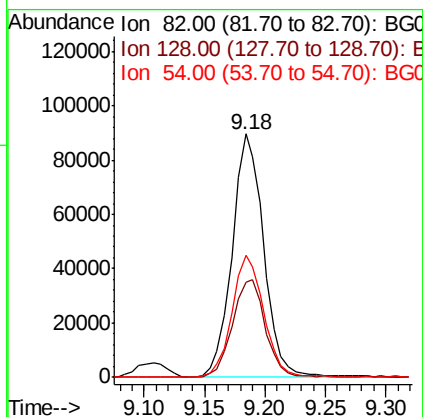
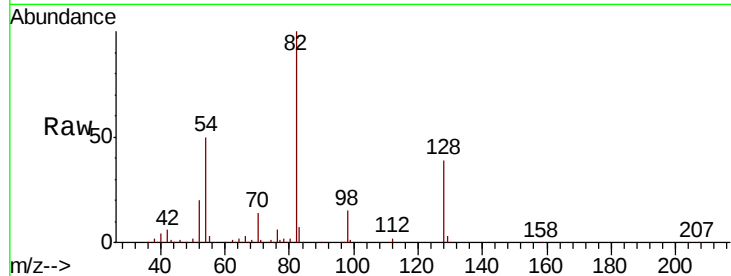




#23
 Nitrobenzene-d5
 Concen: 59.240 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

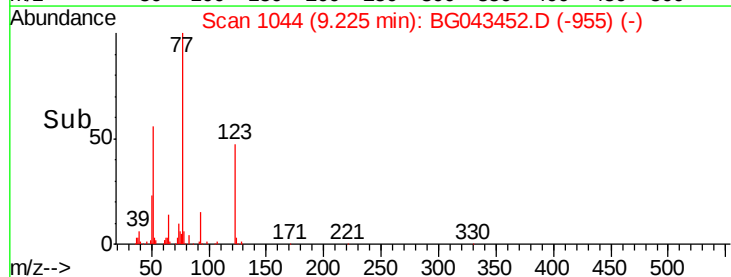
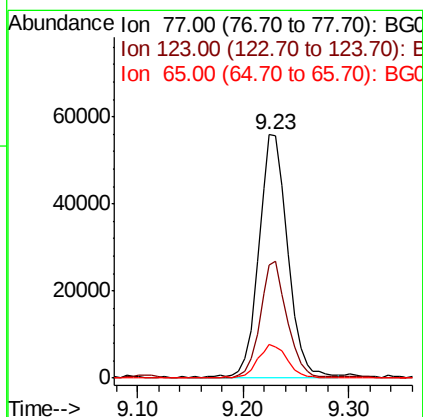
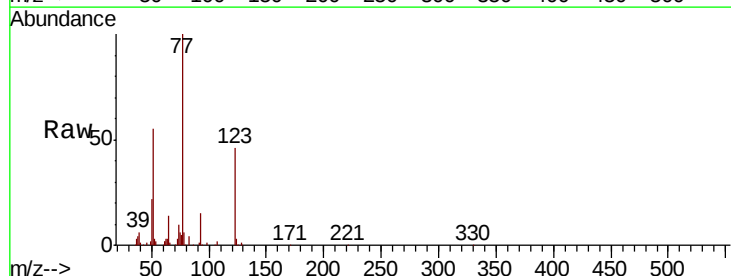
Instrument :
 BNA_G
 ClientSampled :

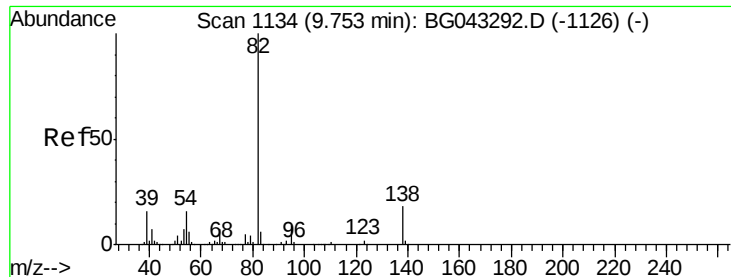
Tot Ion	82	Resp	161493
Ion Ratio	100	Lower	Upper
128	39.1	35.3	52.9
54	50.0	42.3	63.5



#24
 Nitrobenzene
 Concen: 41.311 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

Tgt Ion	77	Resp	107281
Ion Ratio	100	Lower	Upper
123	46.4	33.8	50.8
65	14.0	13.0	19.4

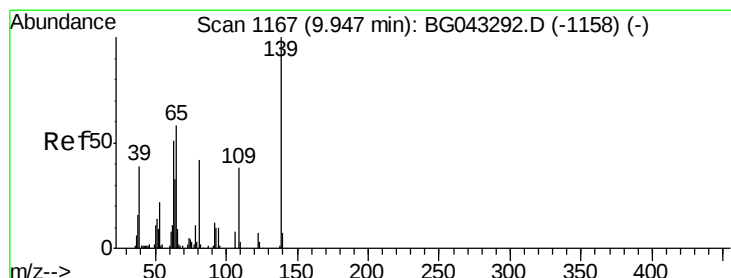
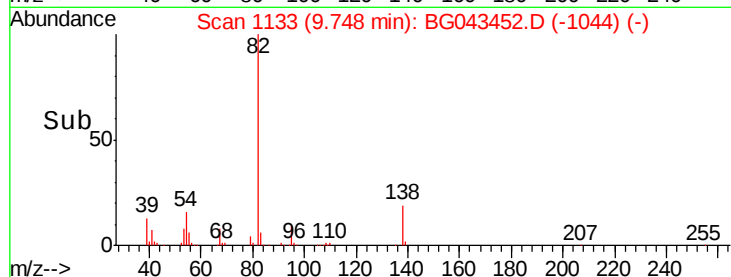
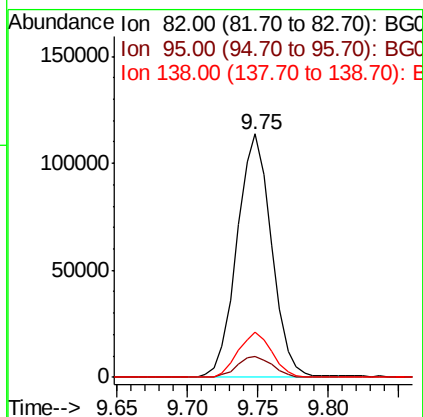
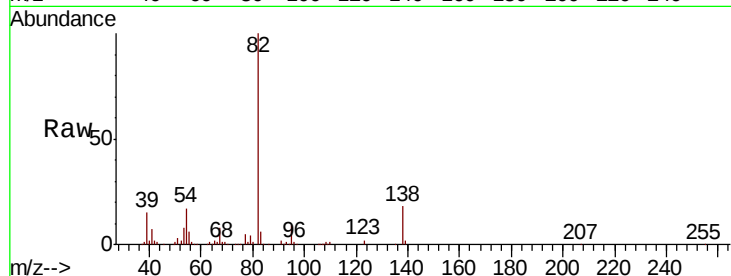




#25
Isophorone
Concen: 39.215 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

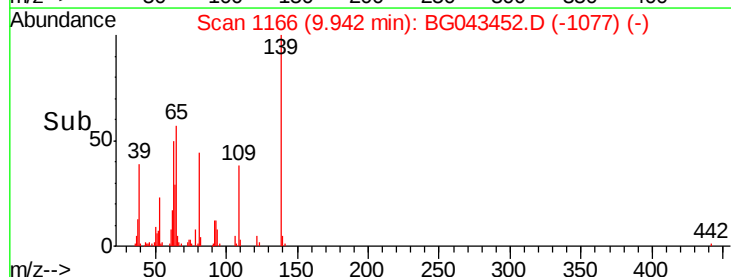
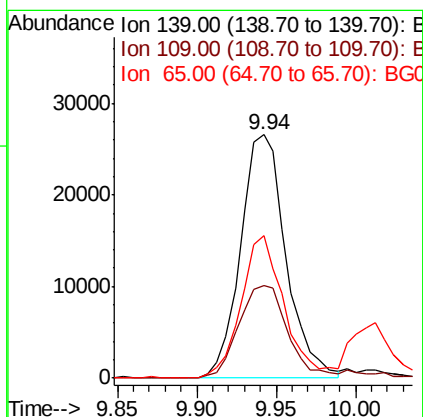
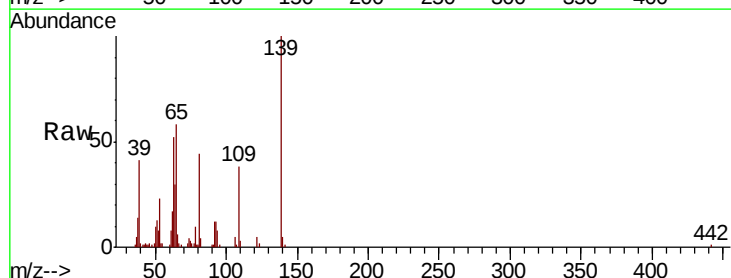
Instrument :
BNA_G
ClientSampled :

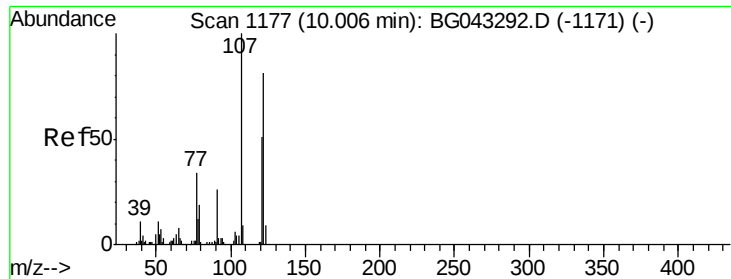
Tot Ion	82	Resp	195446
Ion Ratio	Lower	Upper	
82	100		
95	8.8	6.9	10.3
138	18.3	14.2	21.2



#26
2-Nitrophenol
Concen: 42.048 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion	139	Resp	52717
Ion Ratio	Lower	Upper	
139	100		
109	37.9	30.1	45.1
65	58.3	46.1	69.1

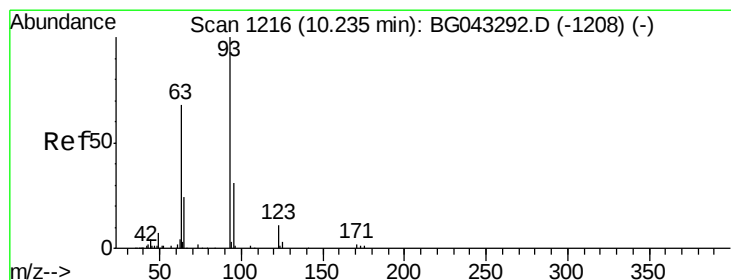
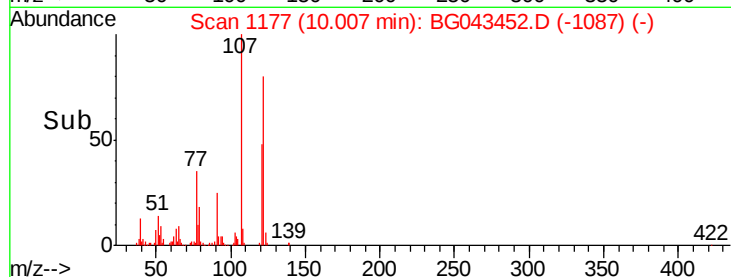
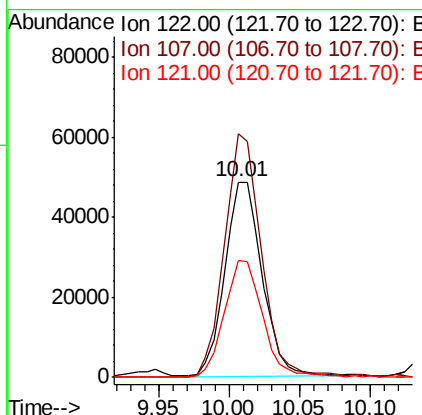
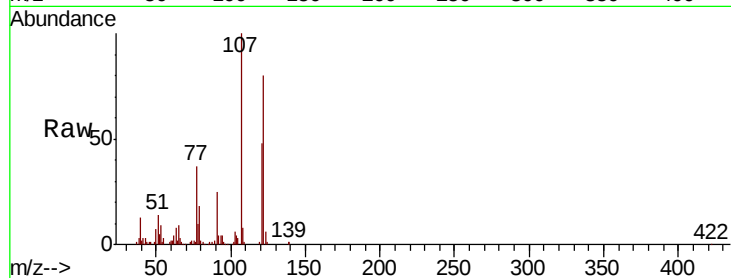




#27
 2,4-Dimethylphenol
 Concen: 49.746 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

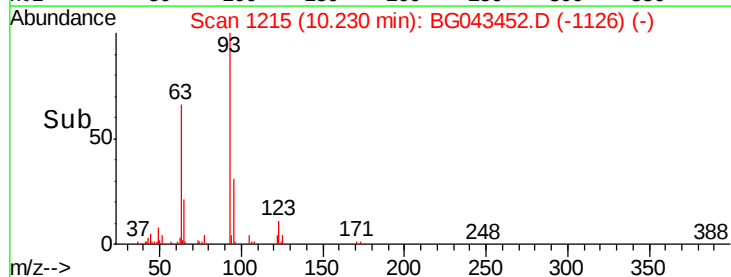
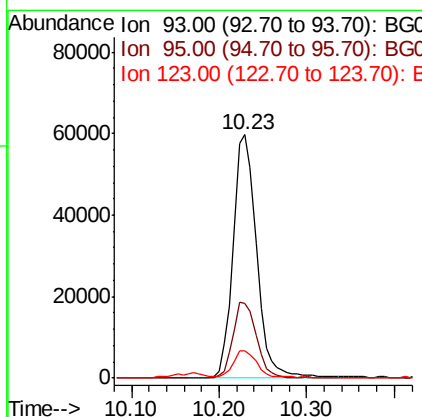
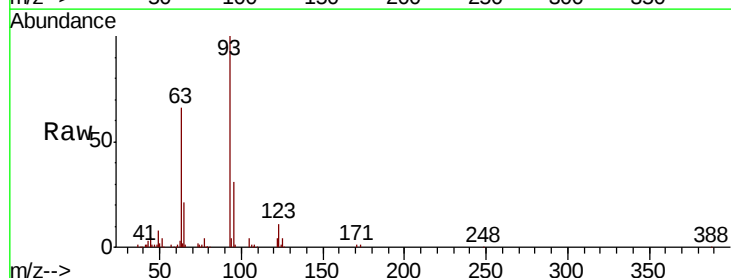
Instrument :
 BNA_G
 ClientSampleId :

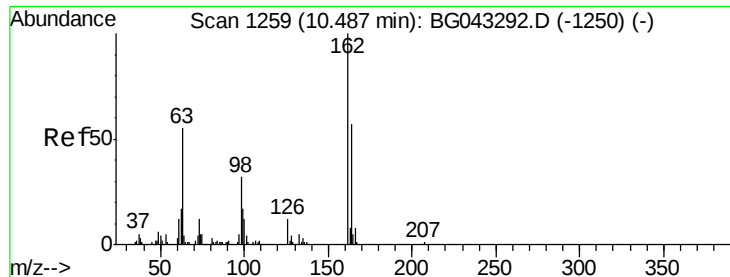
Tot Ion:122 Resp: 89390
 Ion Ratio Lower Upper
 122 100
 107 124.8 98.6 147.8
 121 59.9 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.628 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

Tgt Ion: 93 Resp: 109007
 Ion Ratio Lower Upper
 93 100
 95 30.6 24.9 37.3
 123 11.0 8.9 13.3

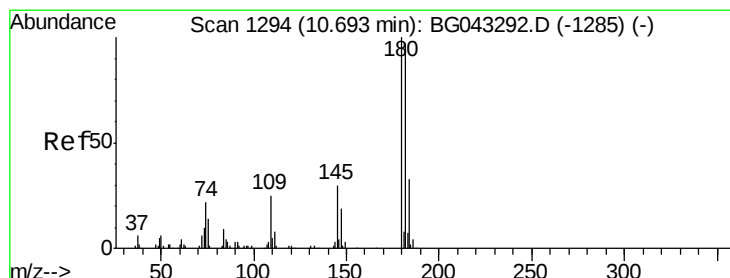
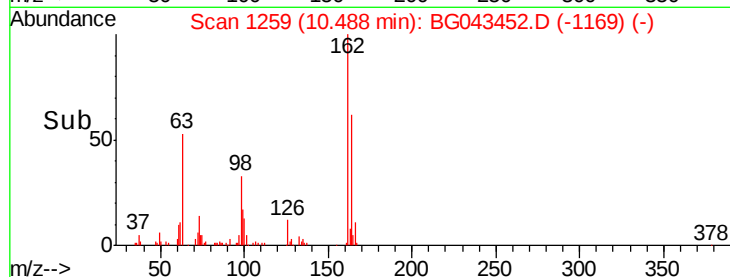
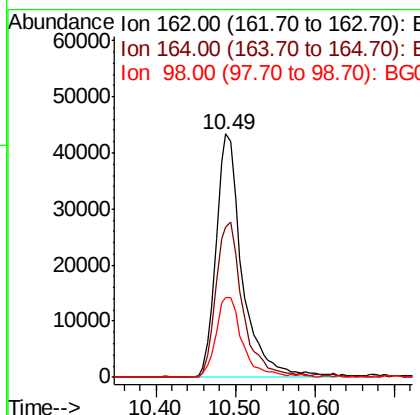
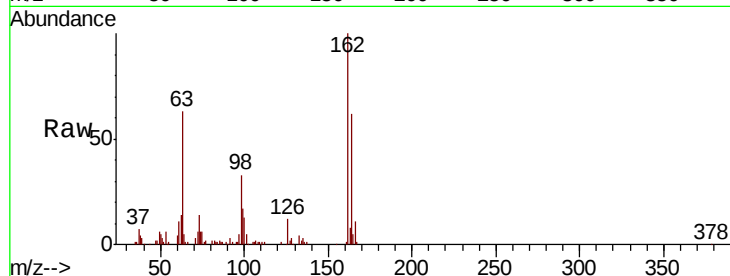




#29
 2,4-Dichlorophenol
 Concen: 43.168 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

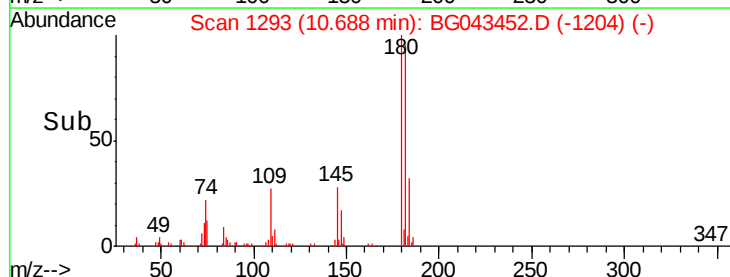
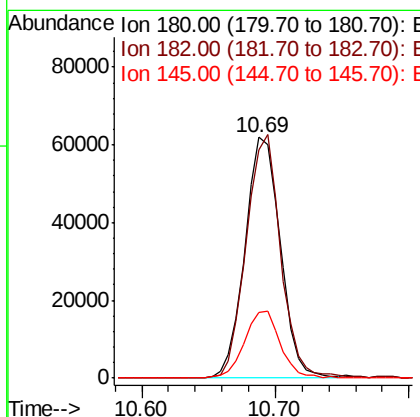
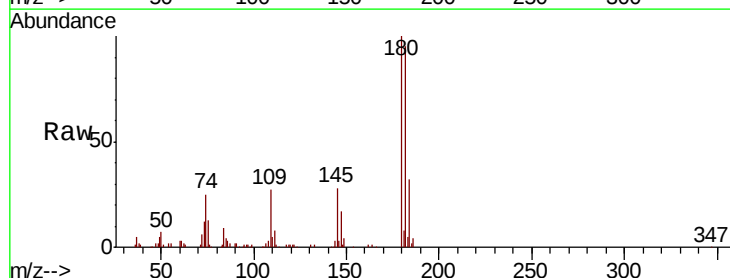
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	162	Resp	99389
Ion Ratio	Lower	Upper	
162	100		
164	61.8	37.3	77.3
98	32.7	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.125 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

Tgt Ion	180	Resp	113535
Ion Ratio	Lower	Upper	
180	100		
182	94.6	77.8	116.8
145	27.6	23.6	35.4

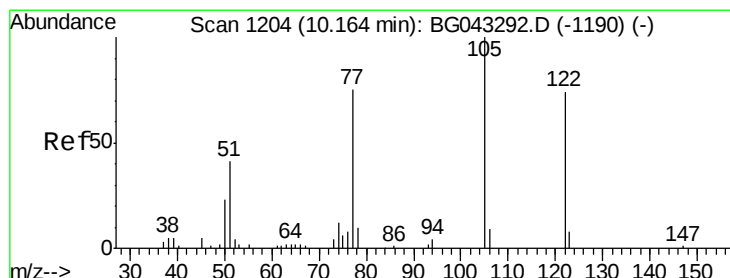
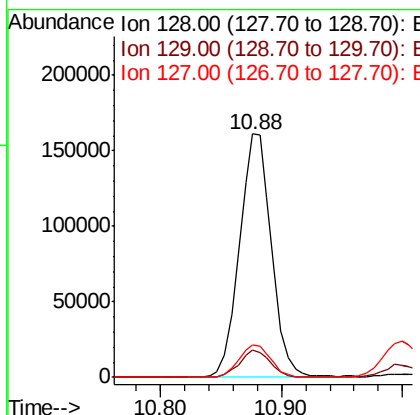
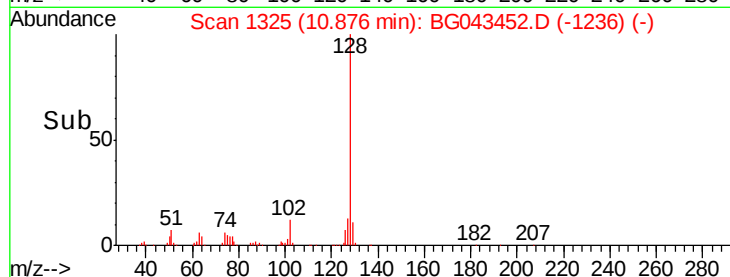
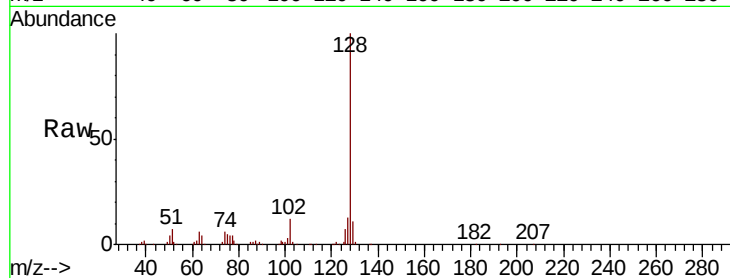




#31
Naphthalene
Concen: 41.477 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

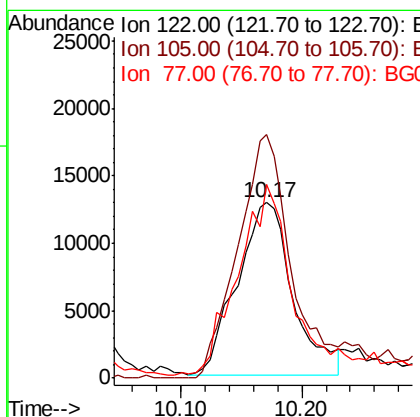
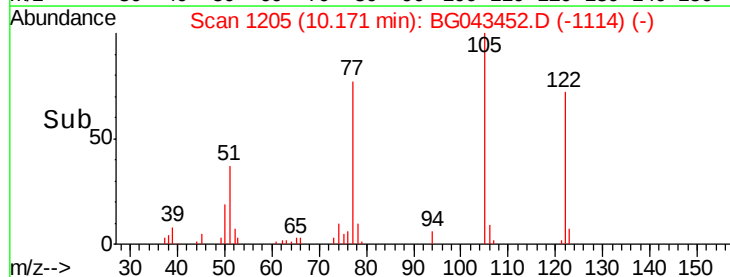
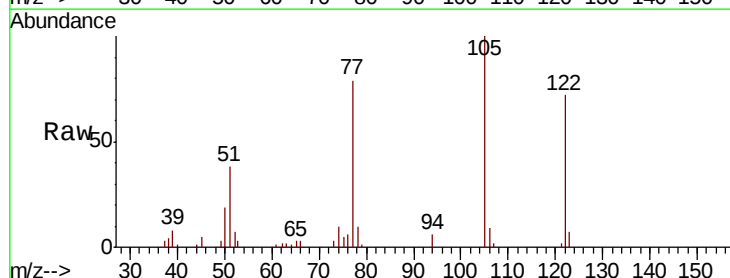
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 295887
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.4 11.5 17.3



#32
Benzoic acid
Concen: 33.400 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion:122 Resp: 41174
Ion Ratio Lower Upper
122 100
105 138.6 112.4 152.4
77 109.9 82.7 122.7

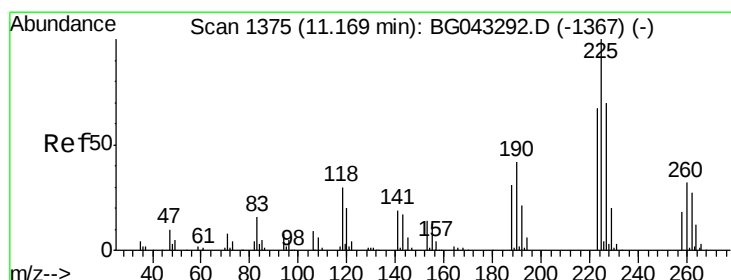
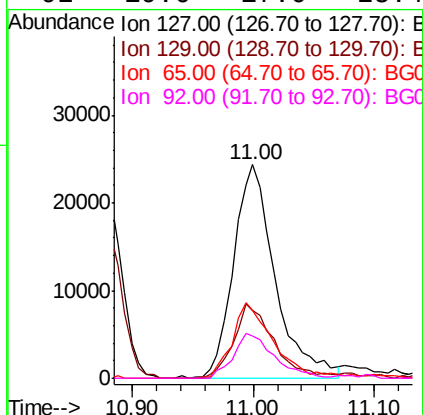
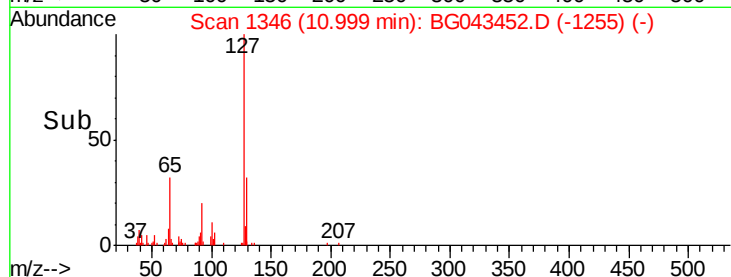
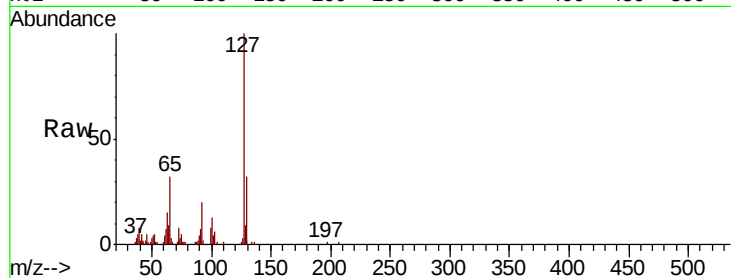




#33
4-Chloroaniline
Concen: 19.972 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

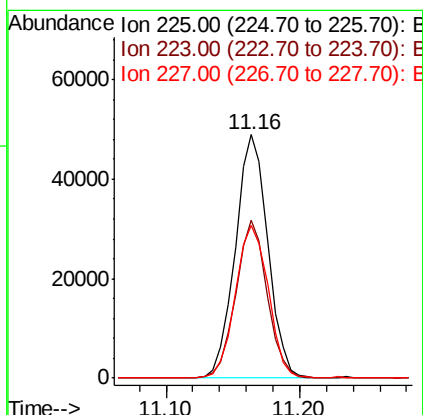
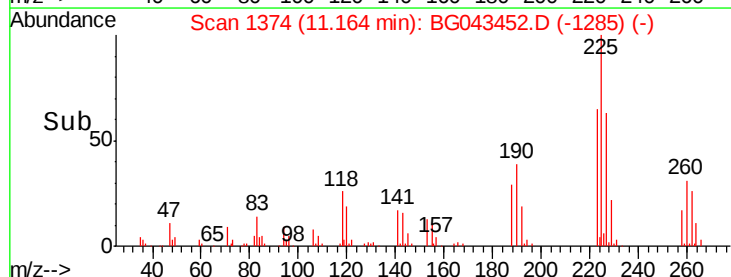
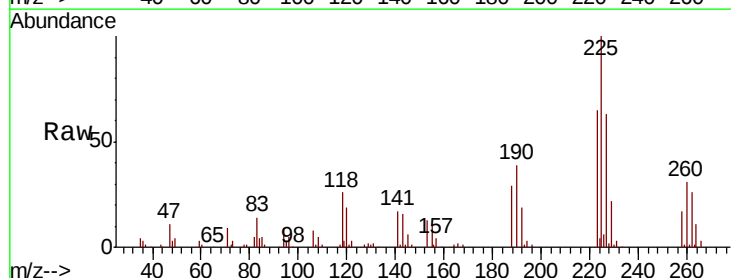
Instrument :
BNA_G
ClientSampleId :

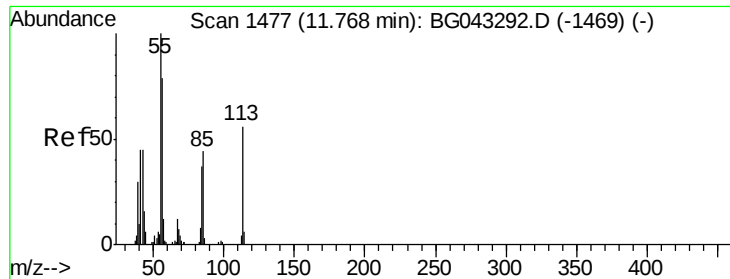
Tot Ion:127	Resp:	58402
Ion Ratio	Lower	Upper
127	100	
129	31.9	25.8 38.8
65	32.0	26.2 39.2
92	19.6	17.0 25.4



#34
Hexachlorobutadiene
Concen: 38.539 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion:225	Resp:	82669
Ion Ratio	Lower	Upper
225	100	
223	64.8	53.2 79.8
227	62.8	56.2 84.2

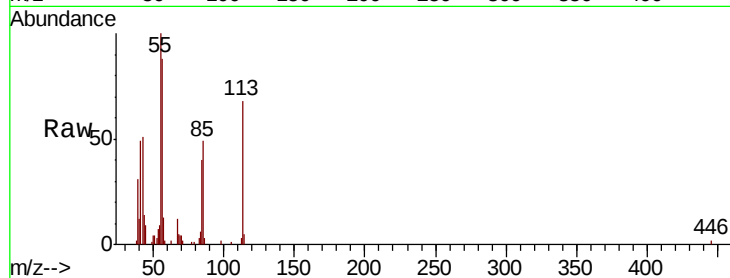




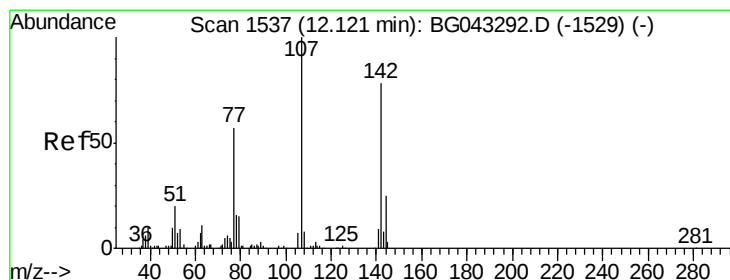
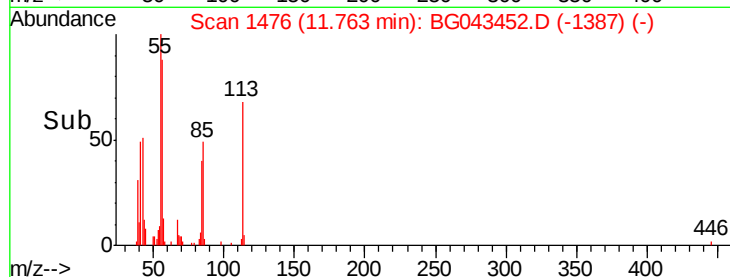
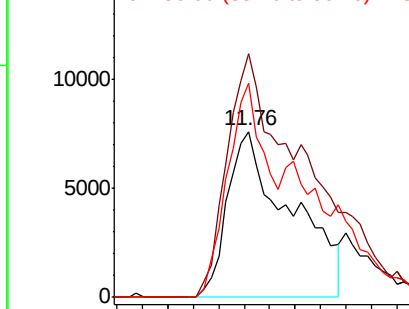
#35
 Caprolactam
 Concen: 33.082 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 26232
 Ion Ratio Lower Upper
 113 100
 55 147.0 158.9 198.9#
 56 129.6 121.4 161.4

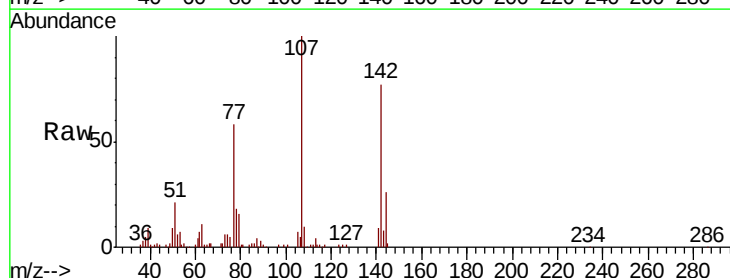


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

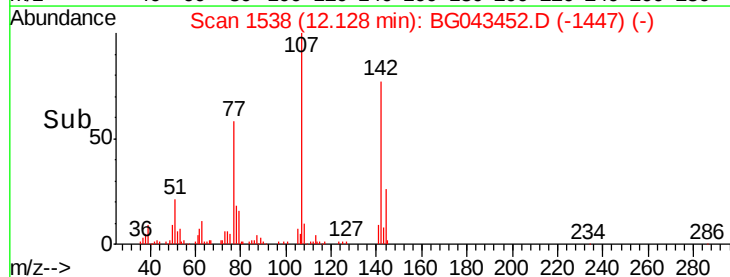
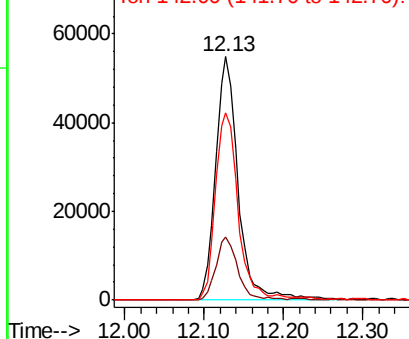


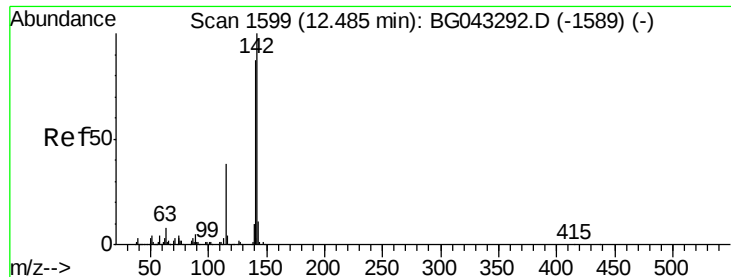
#36
 4-Chloro-3-methylphenol
 Concen: 43.016 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

Tgt Ion:107 Resp: 108030
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.9 29.9
 142 76.9 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

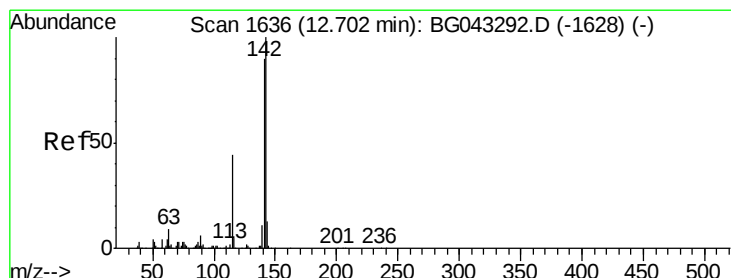
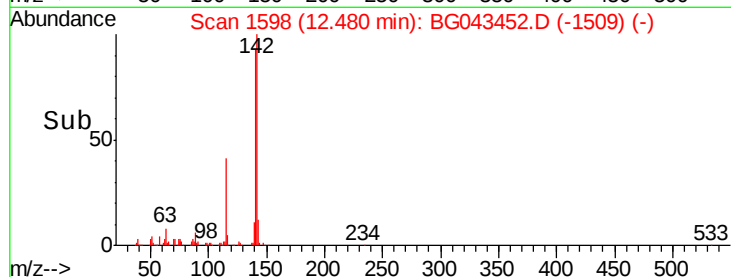
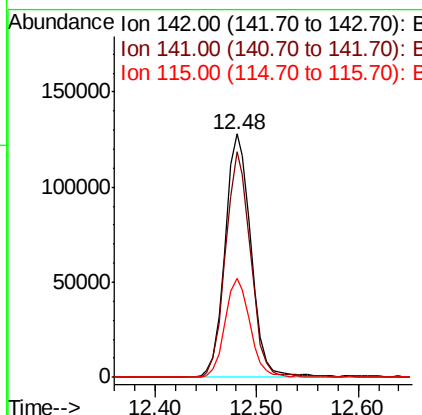
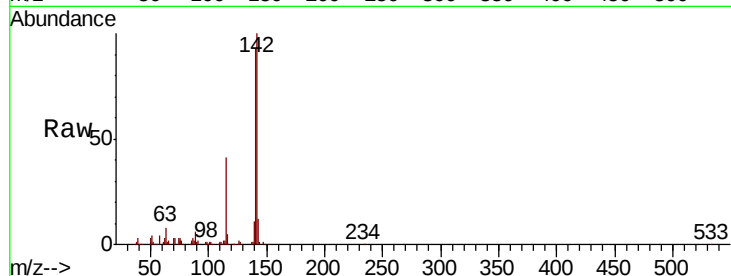




#37
2-Methylnaphthalene
Concen: 41.329 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

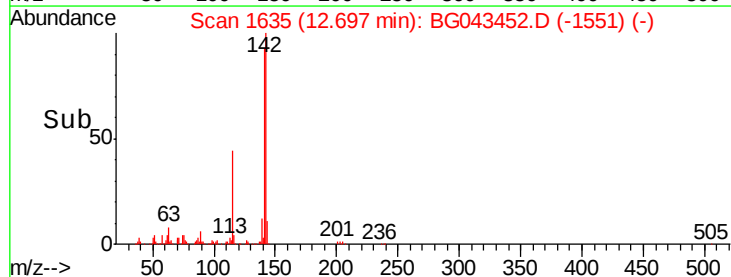
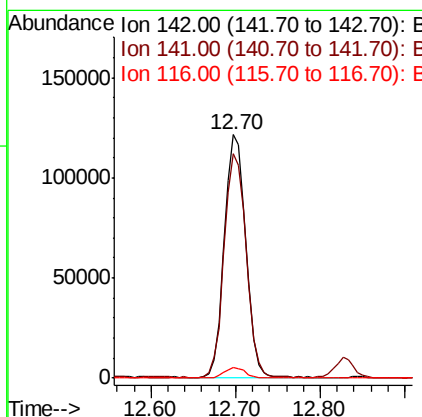
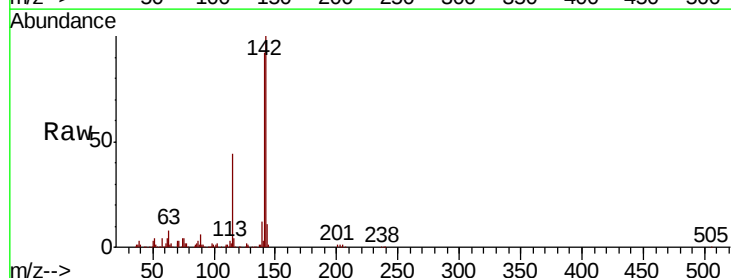
Instrument :
BNA_G
ClientSampleId :

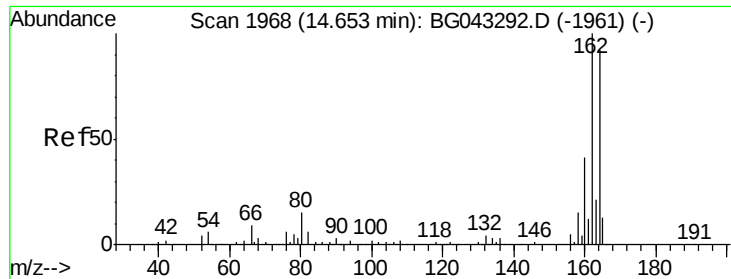
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	69.7	104.5
115	40.8	30.6	46.0



#38
1-Methylnaphthalene
Concen: 41.190 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.3	108.5
116	4.4	3.8	5.6

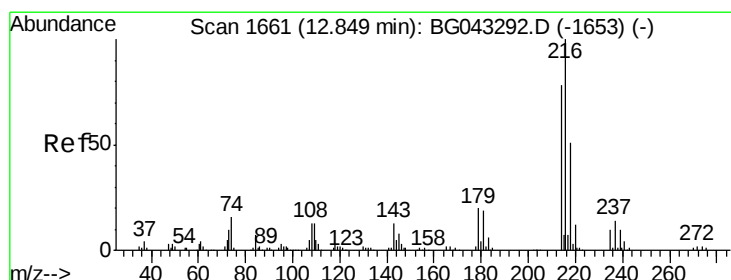
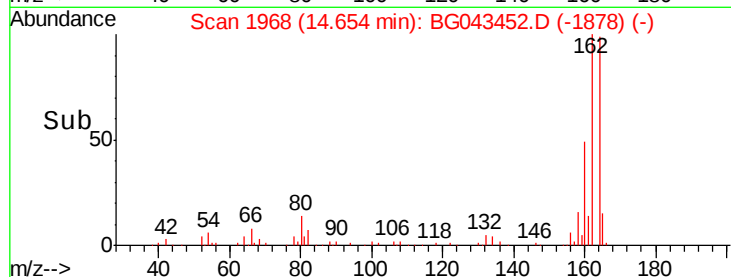
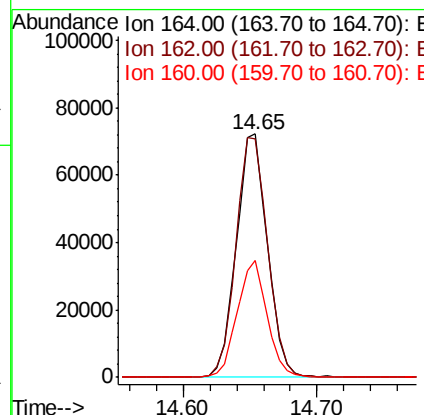
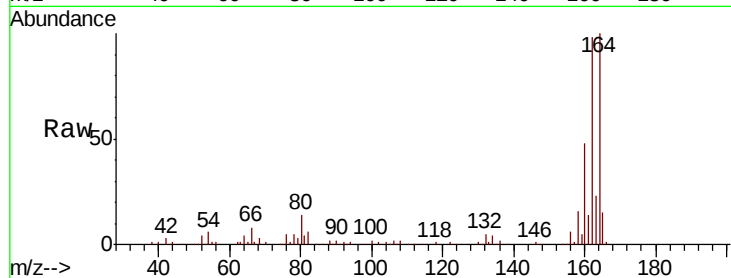




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

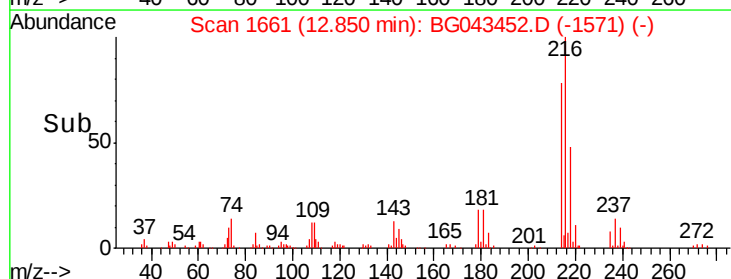
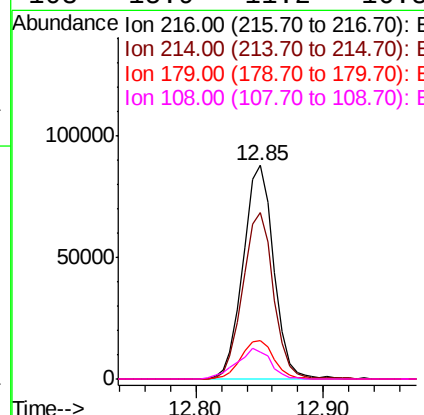
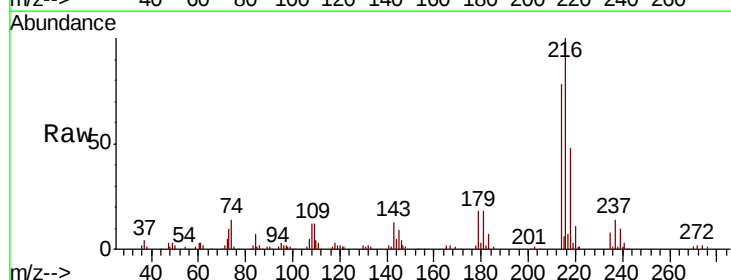
Instrument :
BNA_G
ClientSampleId :

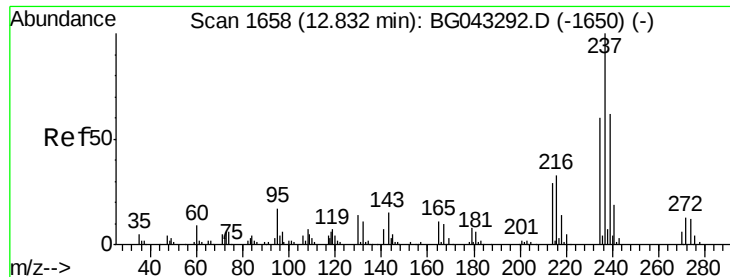
Tot Ion:164 Resp: 117113
Ion Ratio Lower Upper
164 100
162 98.0 87.0 130.4
160 48.1 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.000 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion:216 Resp: 147361
Ion Ratio Lower Upper
216 100
214 78.1 63.5 95.3
179 19.3 16.2 24.2
108 15.9 11.2 16.8





#41

Hexachlorocyclopentadiene

Concen: 70.667 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

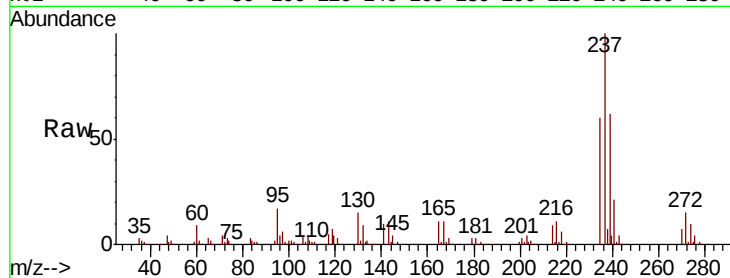
Tot Ion:237 Resp: 160892

Ion Ratio Lower Upper

237 100

235 59.9 40.3 80.3

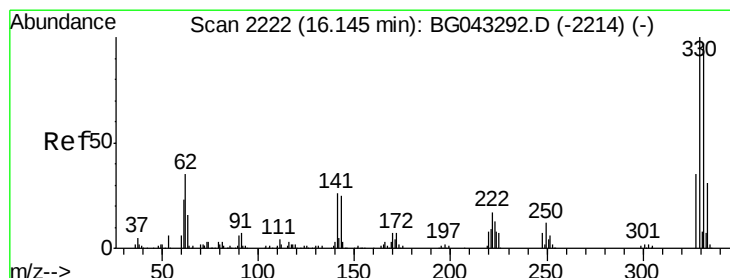
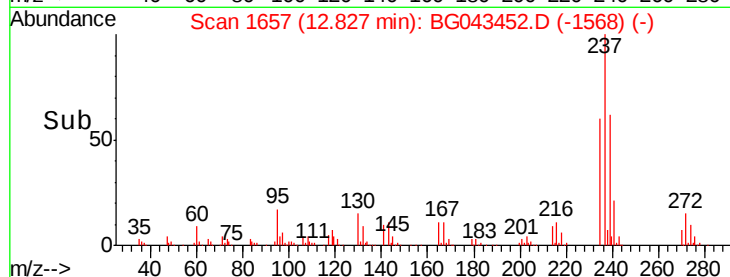
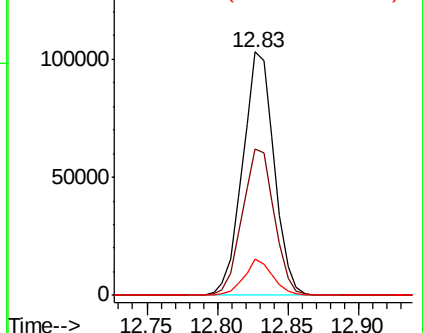
272 15.0 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 95.922 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

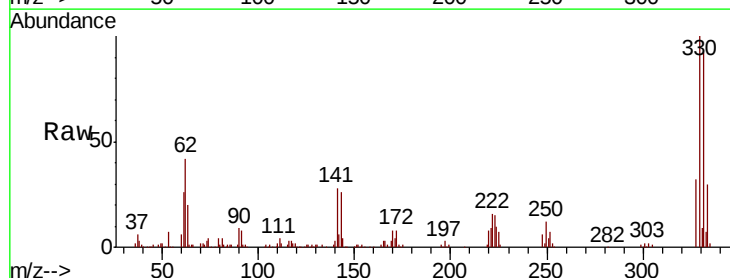
Tgt Ion:330 Resp: 213778

Ion Ratio Lower Upper

330 100

332 95.8 76.4 114.6

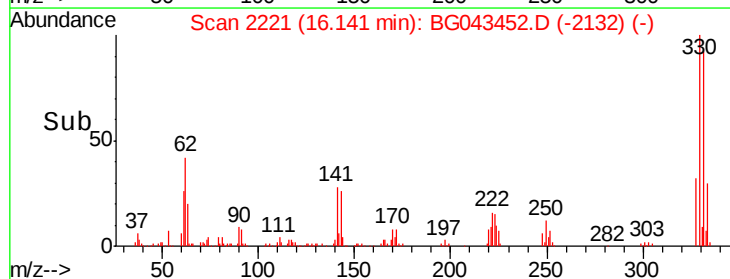
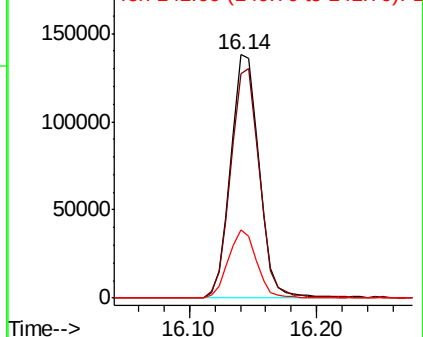
141 27.7 21.4 32.0



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

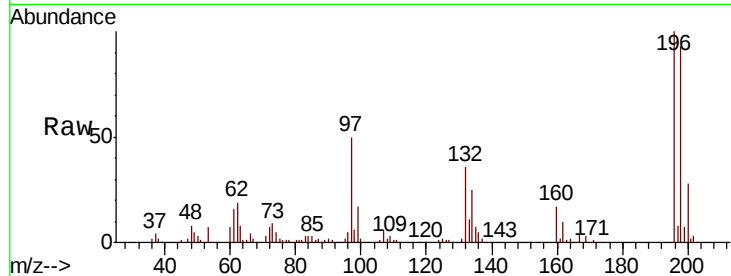




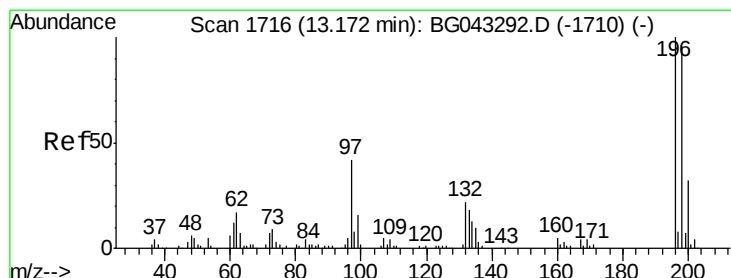
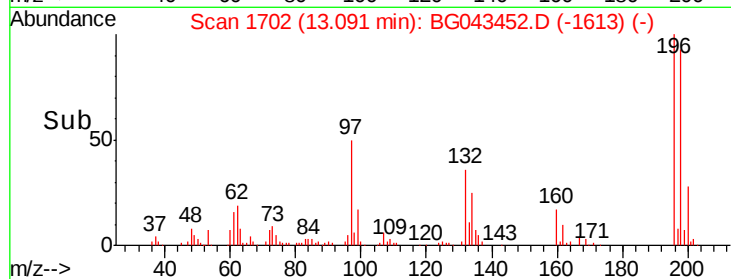
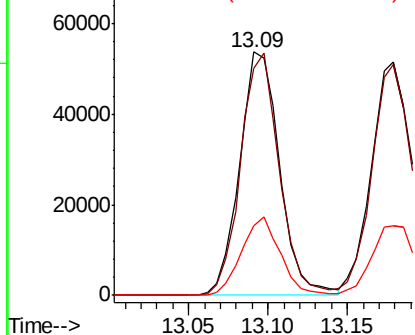
#43
 2,4,6-Trichlorophenol
 Concen: 36.963 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 94345
 Ion Ratio Lower Upper
 196 100
 198 93.0 77.0 115.4
 200 28.5 27.4 41.2

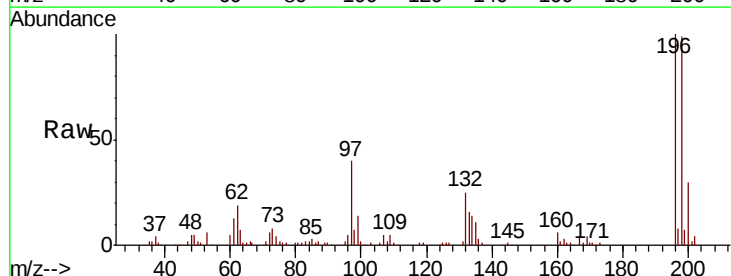


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

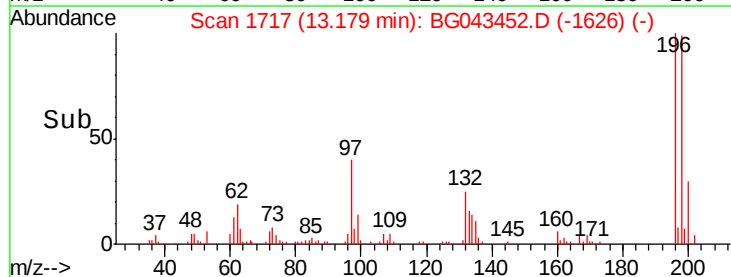
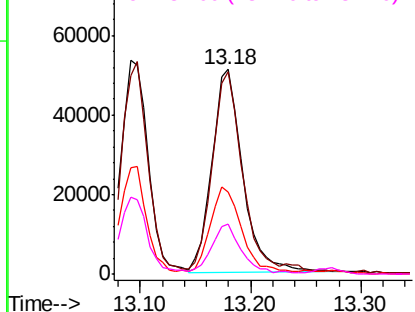


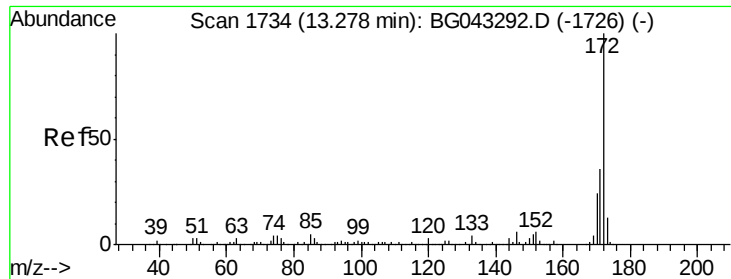
#44
 2,4,5-Trichlorophenol
 Concen: 38.453 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

Tgt Ion:196 Resp: 99226
 Ion Ratio Lower Upper
 196 100
 198 98.9 76.6 114.8
 97 40.1 34.1 51.1
 132 24.6 18.2 27.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

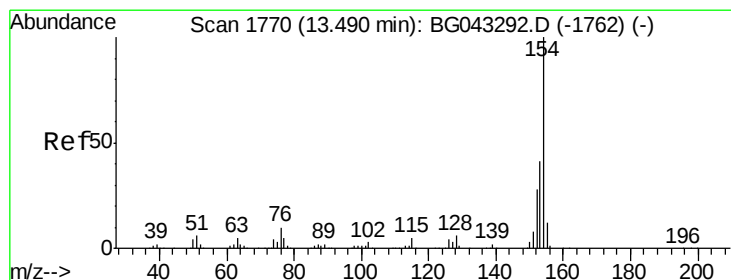
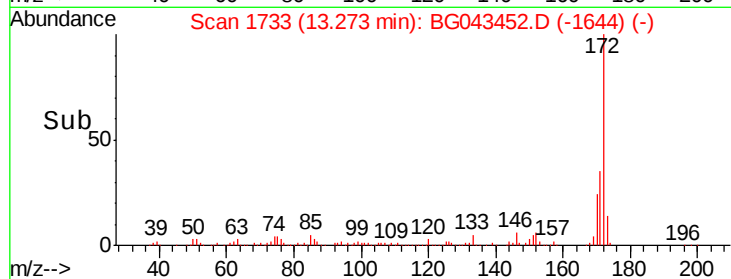
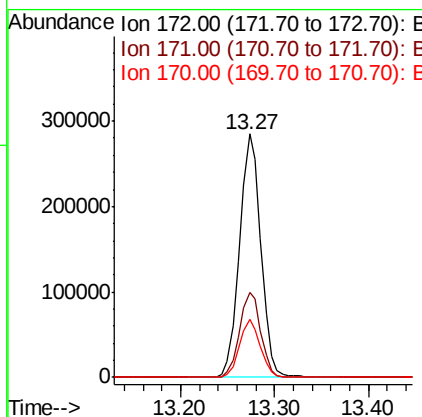
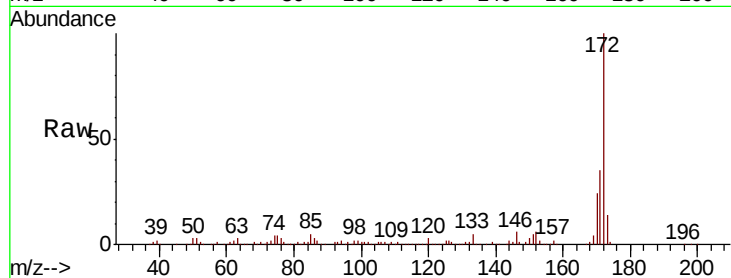




#45
 2-Fluorobiphenyl
 Concen: 52.748 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

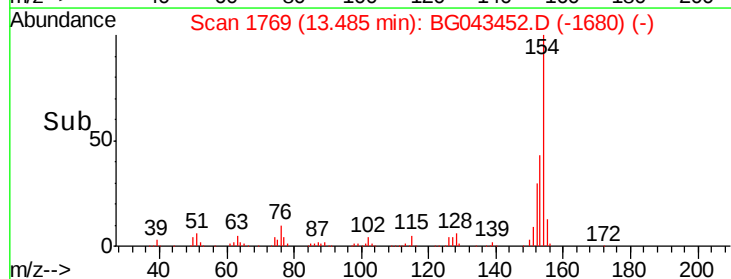
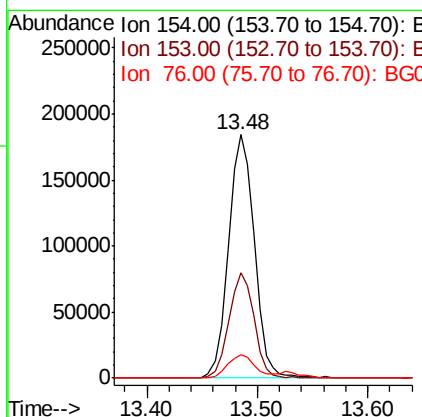
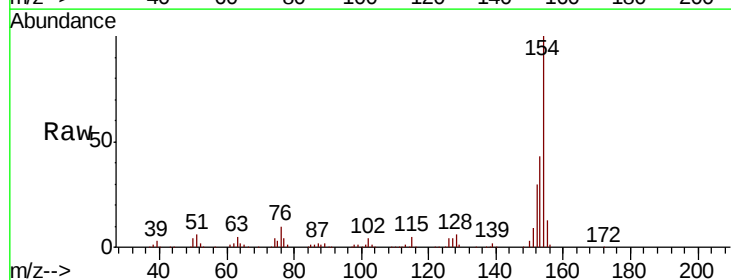
Instrument :
 BNA_G
 ClientSampleId :

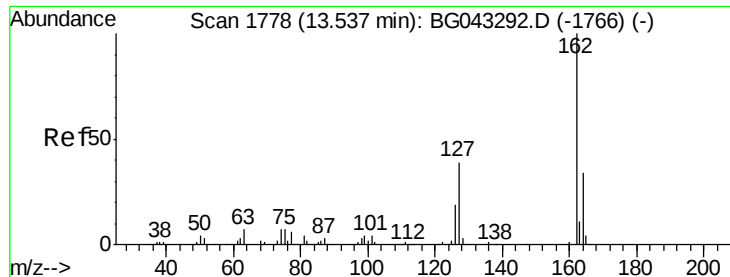
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	24.0	18.8	28.2



#46
 1,1'-Biphenyl
 Concen: 33.967 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	21.0	61.0
76	9.6	0.0	29.8

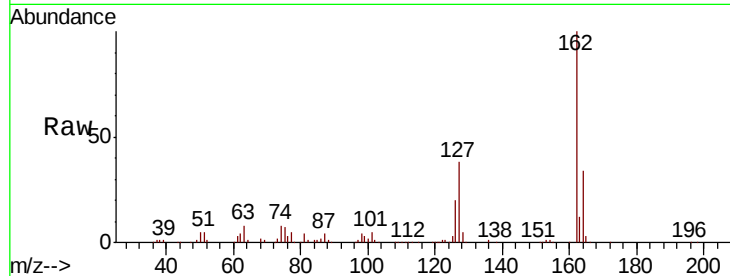




#47
 2-Chloronaphthalene
 Concen: 34.603 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.3	46.9
164	34.4	26.8	40.2

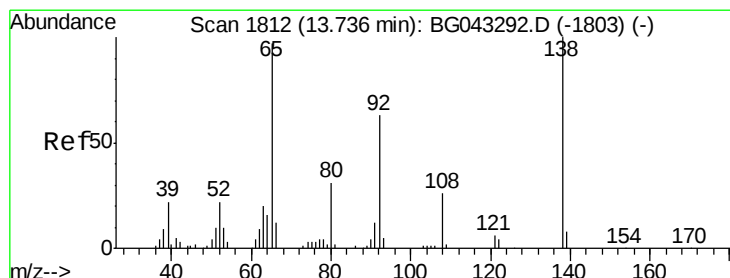
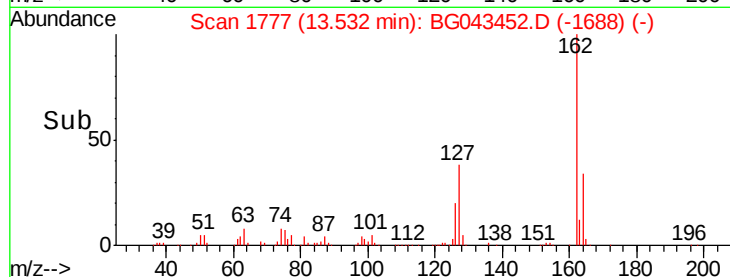
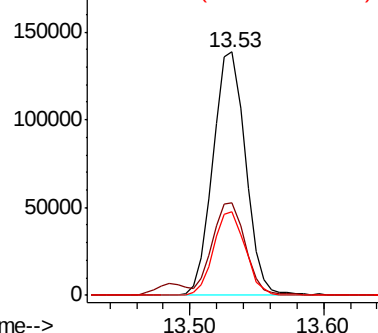


Abundance

Ion 162.00 (161.70 to 162.70): E

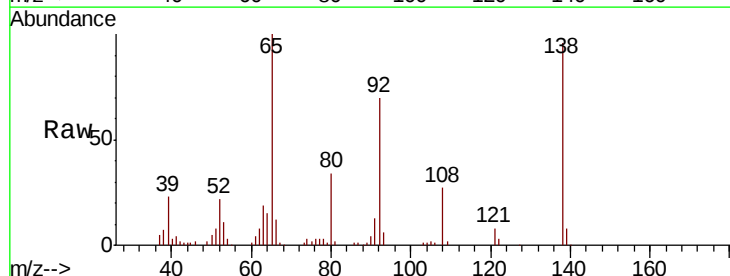
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 35.198 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	52.6	79.0
138	96.1	82.9	124.3

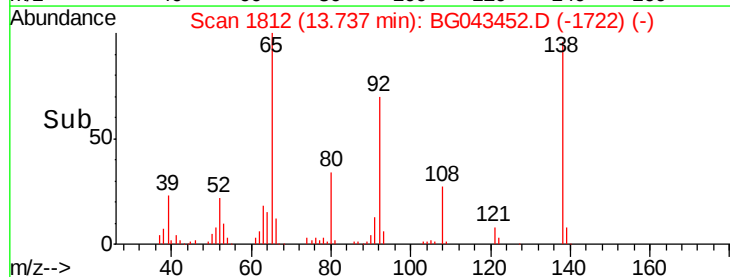
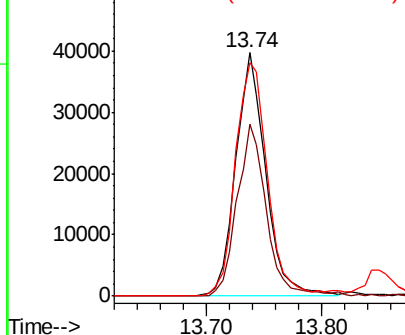


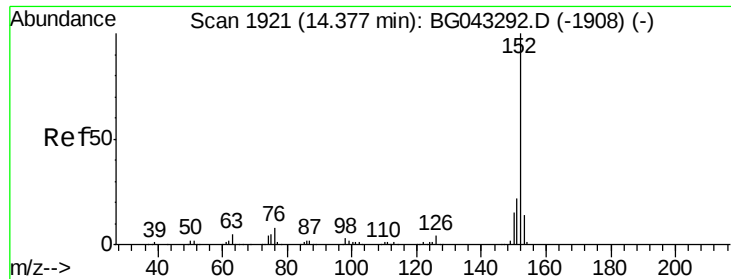
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.020 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

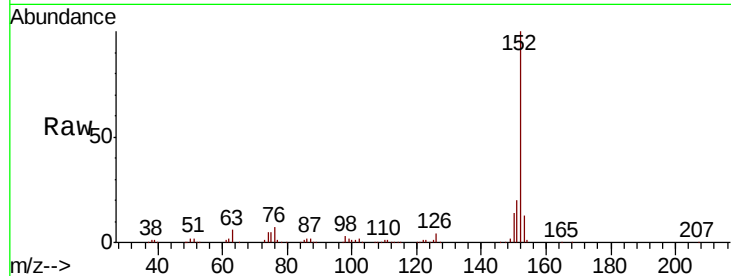
Tot Ion:152 Resp: 390573

Ion Ratio Lower Upper

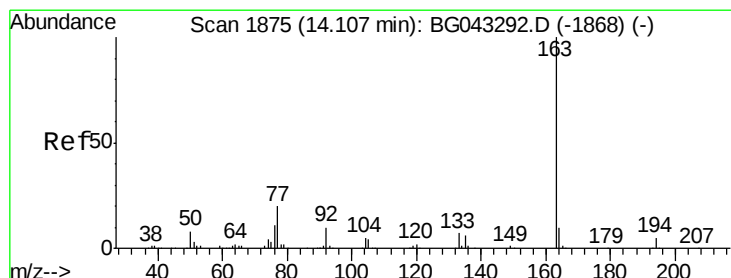
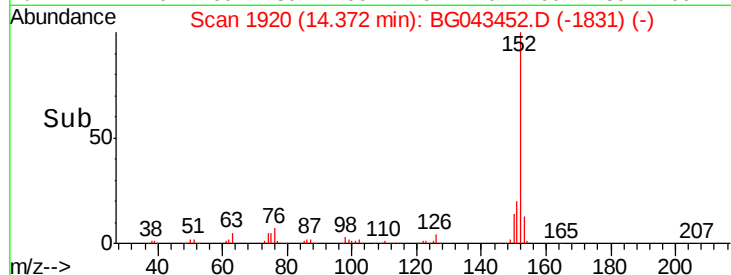
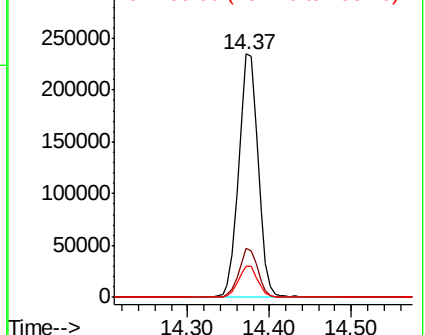
152 100

151 20.2 17.2 25.8

153 13.0 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: 33.679 ng

RT: 14.11 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

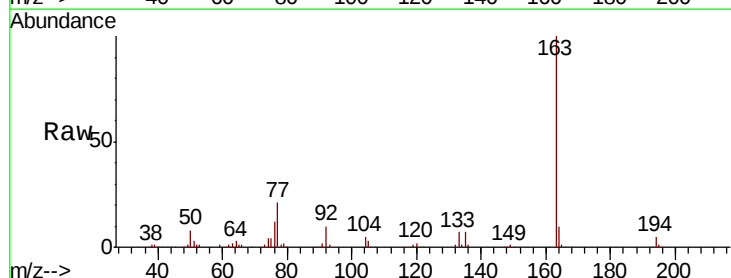
Tgt Ion:163 Resp: 305505

Ion Ratio Lower Upper

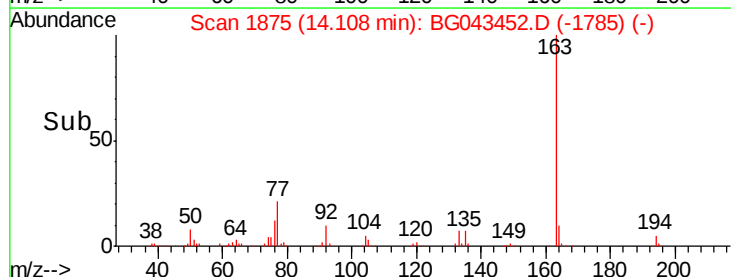
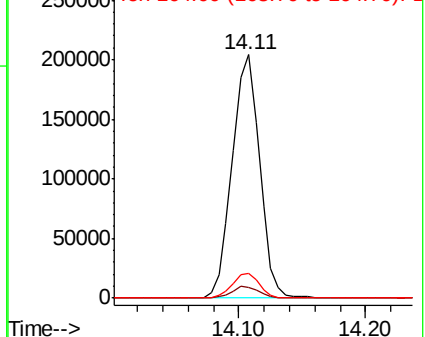
163 100

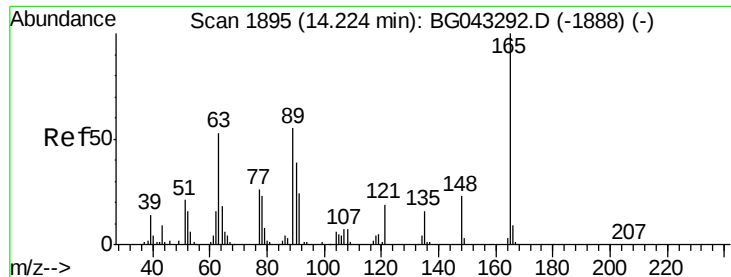
194 4.5 3.7 5.5

164 10.4 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: 35.165 ng

RT: 14.23 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

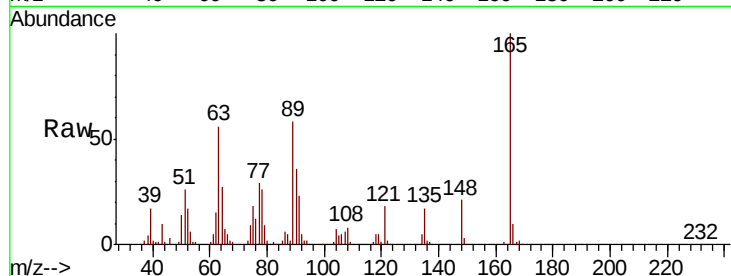
Tot Ion:165 Resp: 69299

Ion Ratio Lower Upper

165 100

63 55.6 47.1 70.7

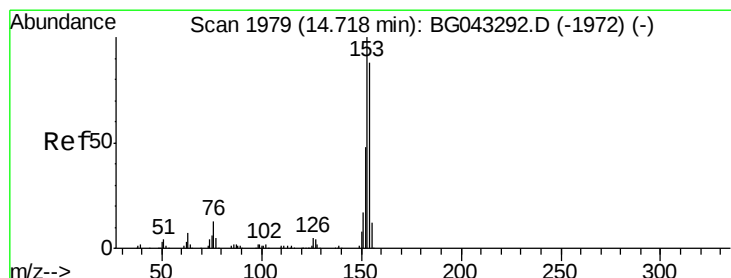
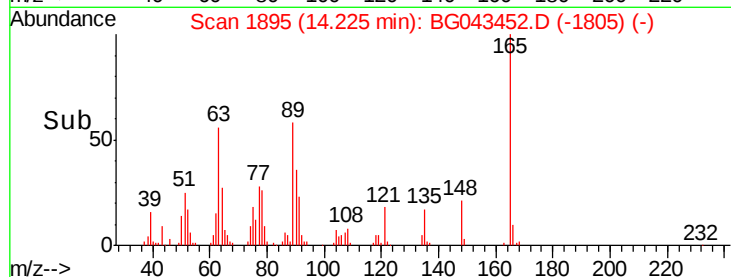
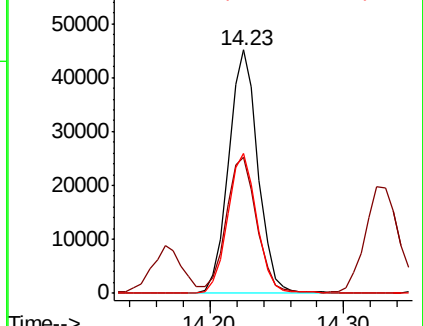
89 57.6 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 35.105 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

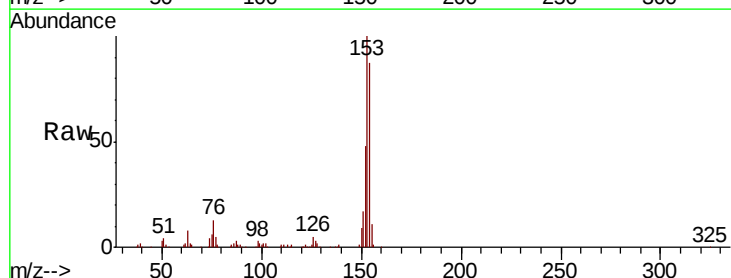
Tgt Ion:154 Resp: 225863

Ion Ratio Lower Upper

154 100

153 115.0 90.9 136.3

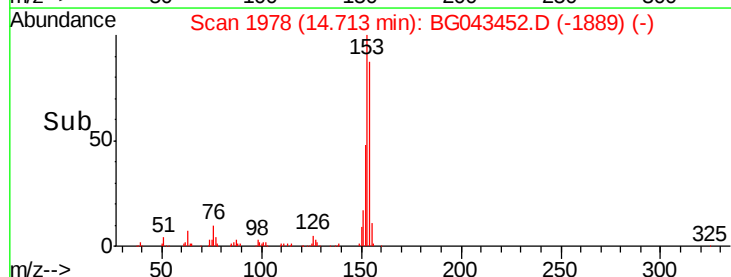
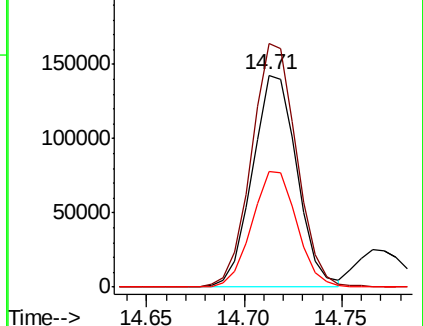
152 54.8 43.9 65.9

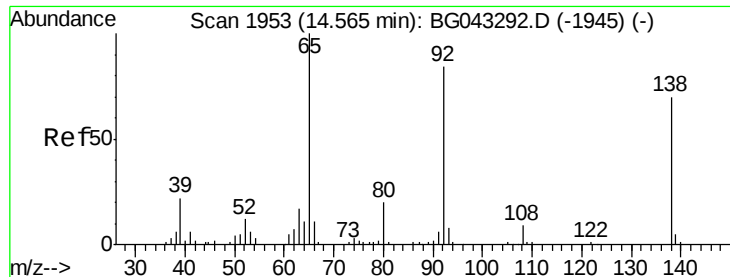


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.215 ng

RT: 14.57 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

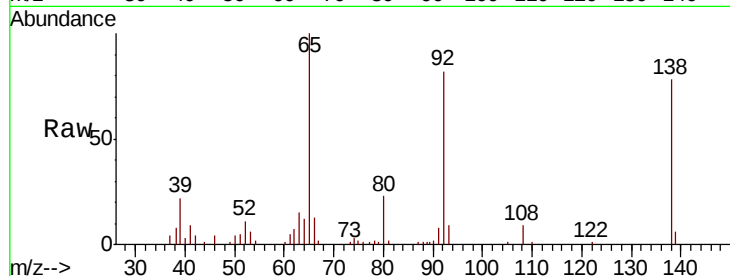
Tot Ion:138 Resp: 47976

Ion Ratio Lower Upper

138 100

108 12.0 9.8 14.6

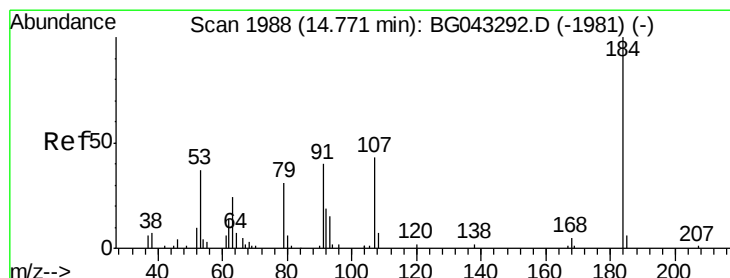
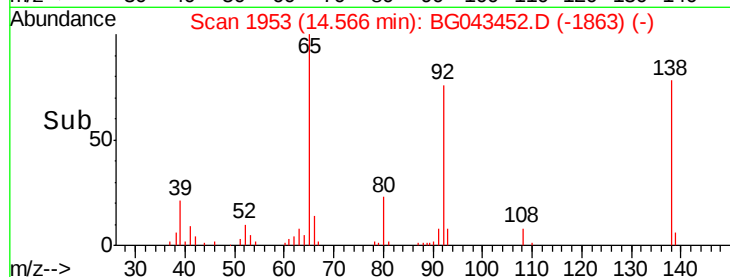
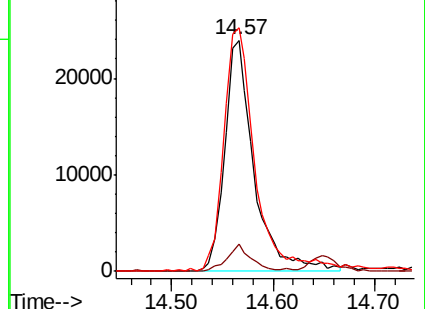
92 105.3 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 61.385 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

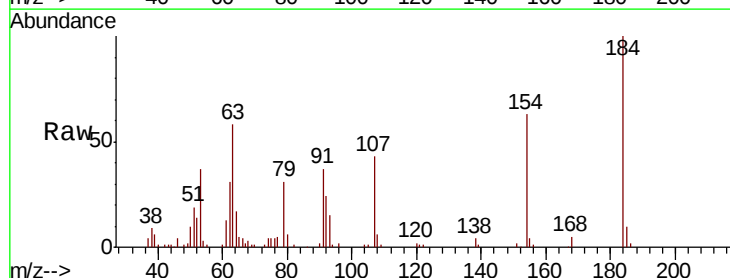
Tgt Ion:184 Resp: 73247

Ion Ratio Lower Upper

184 100

63 58.1 48.8 73.2

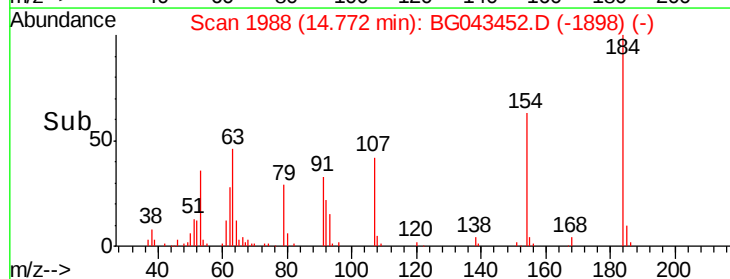
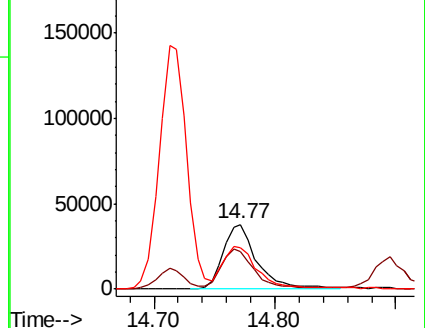
154 63.1 49.4 74.0

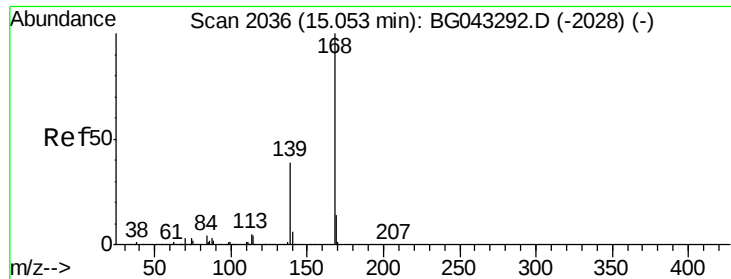


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 35.627 ng

RT: 15.05 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

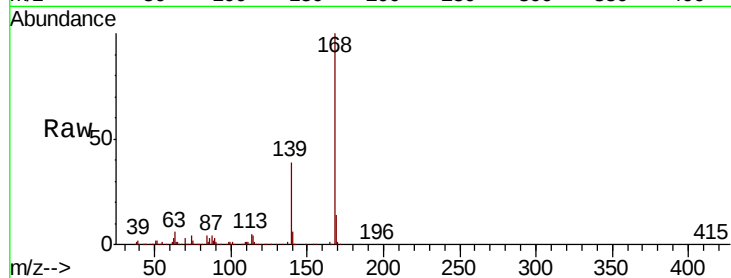
Tot Ion:168 Resp: 371717

Ion Ratio Lower Upper

168 100

139 39.1 31.7 47.5

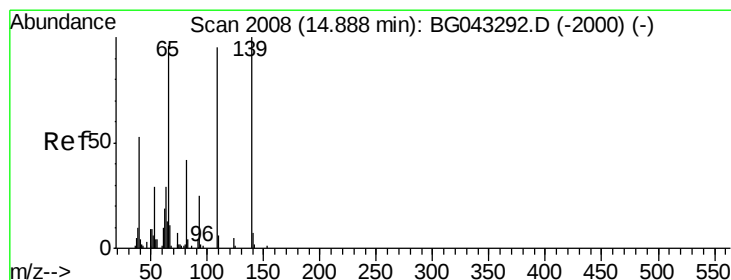
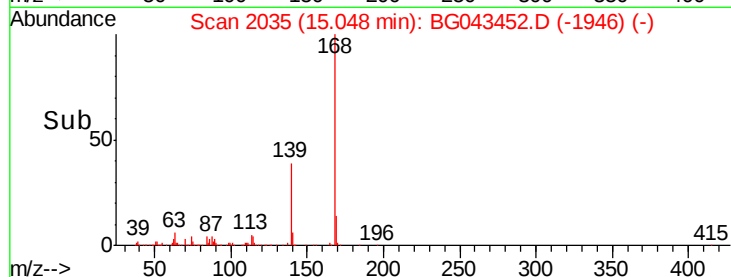
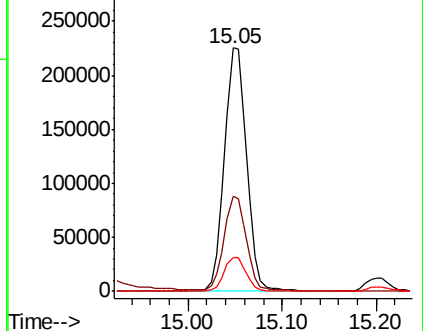
169 14.1 11.0 16.4



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: 84.067 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

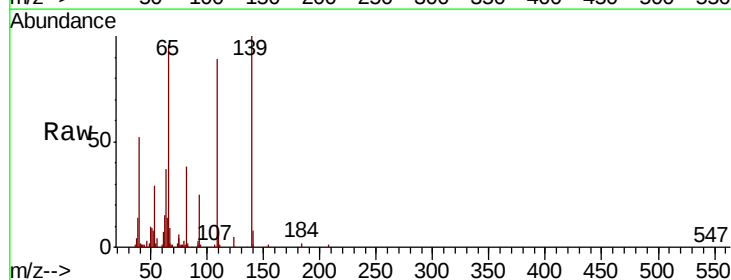
Tgt Ion:139 Resp: 107189

Ion Ratio Lower Upper

139 100

109 88.9 75.4 115.4

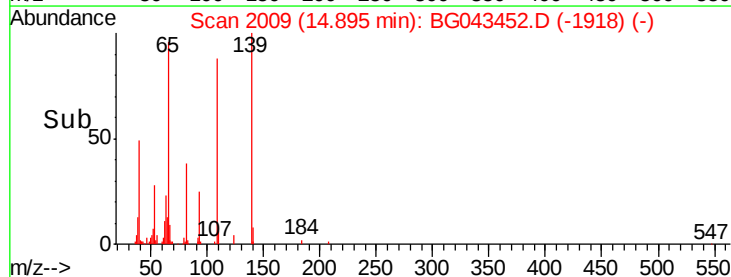
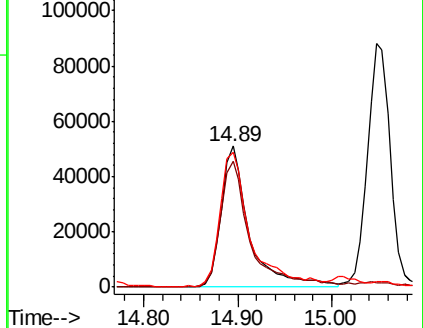
65 95.6 76.6 116.6

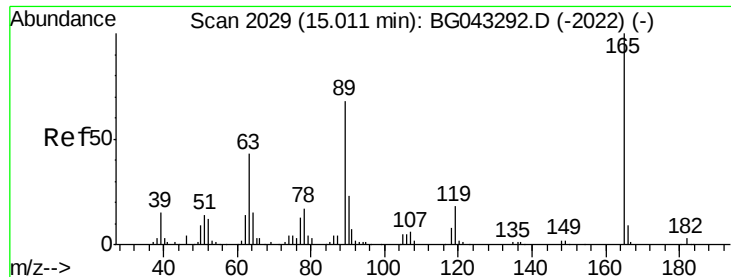


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

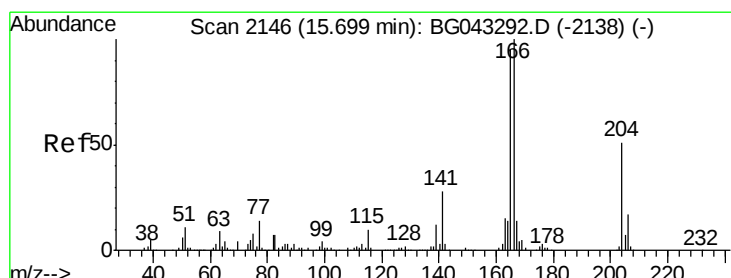
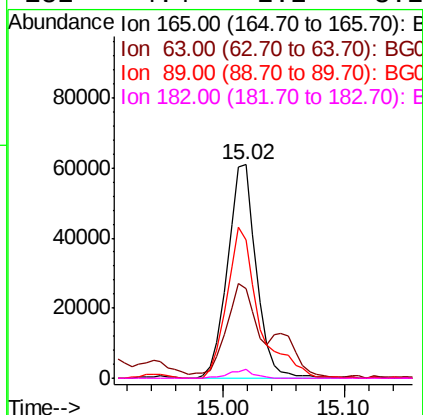
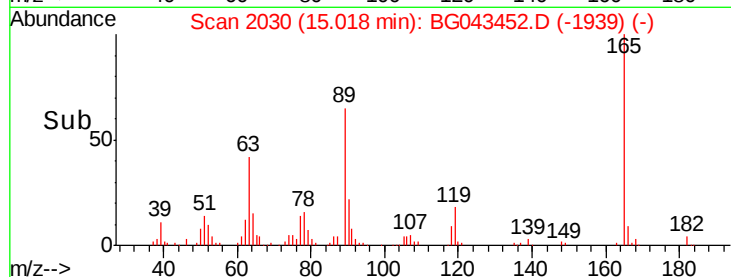
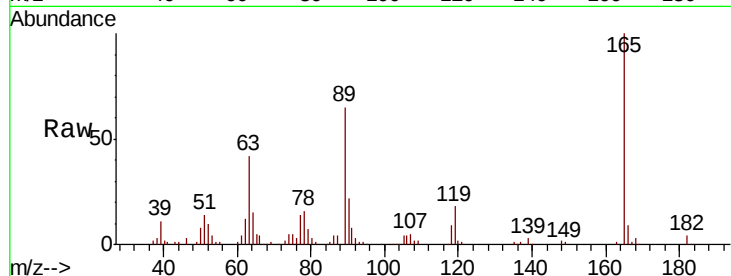




#57
2,4-Dinitrotoluene
Concen: 35.825 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

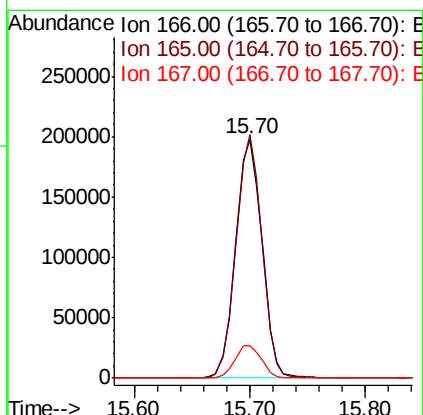
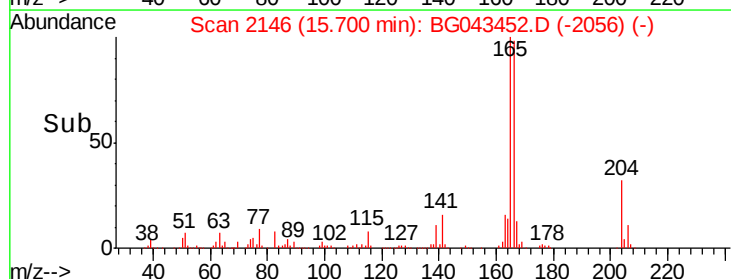
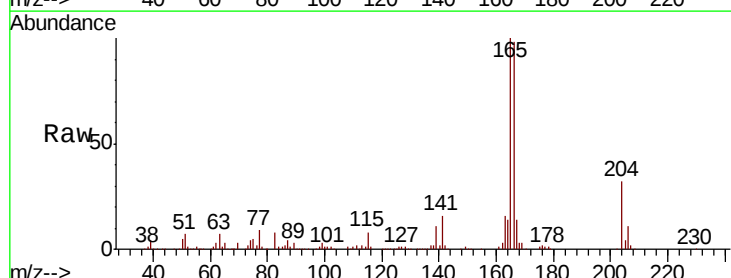
Instrument :
BNA_G
ClientSampleId :

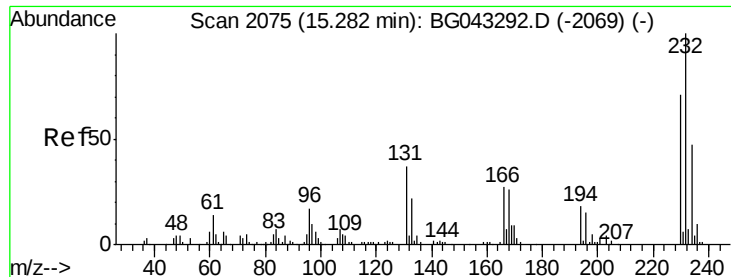
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	35.0	52.6
89	64.9	54.1	81.1
182	4.4	2.2	3.2



#58
Fluorene
Concen: 35.896 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.9	76.4	114.6
167	13.8	11.1	16.7

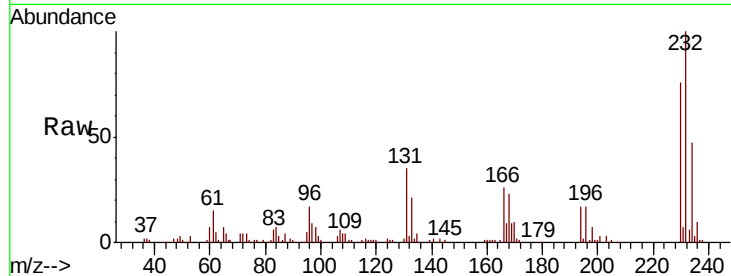




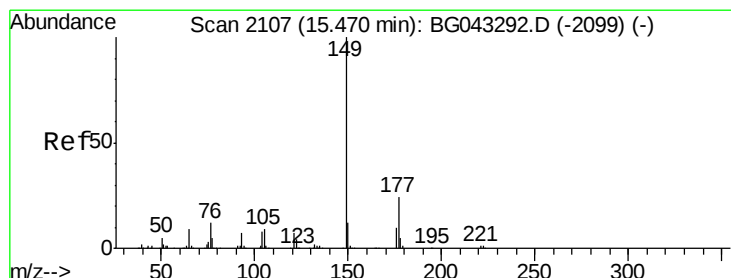
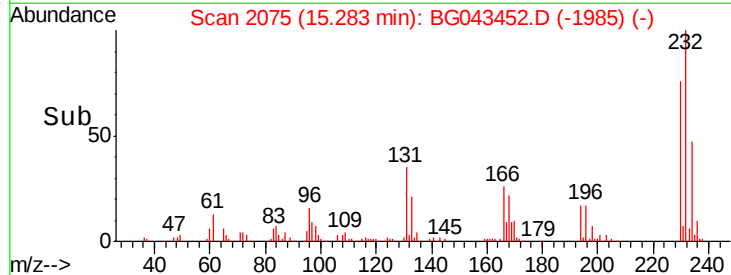
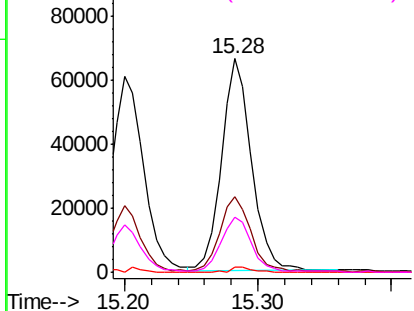
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.078 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	104395
Ion	Ratio	Lower	Upper
232	100		
131	37.1	28.7	43.1
130	1.9	0.6	0.8
166	25.6	21.1	31.7

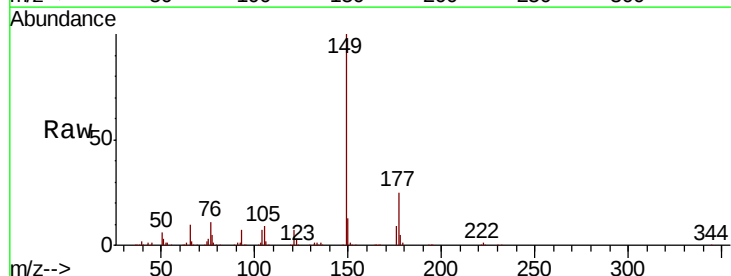


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

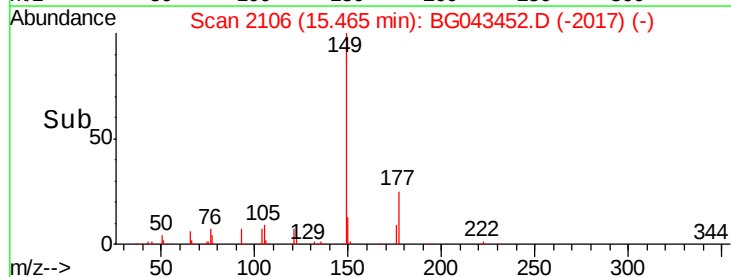
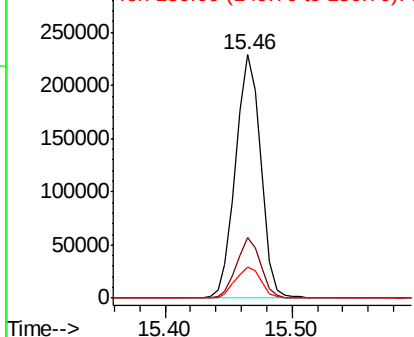


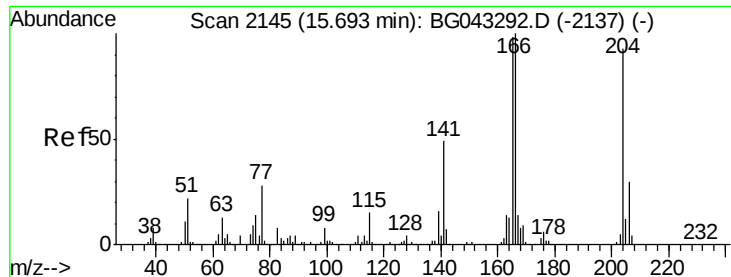
#60
 Diethylphthalate
 Concen: 34.358 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

Tgt Ion:	149	Resp:	313159
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.0	28.4
150	12.7	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

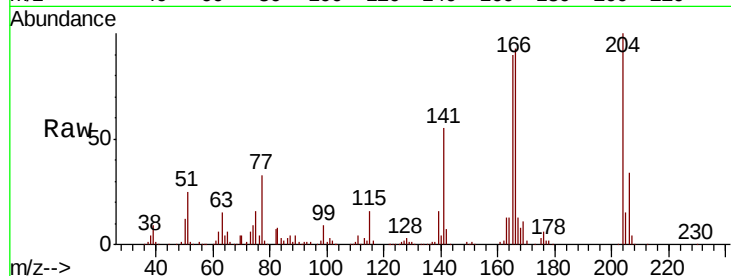




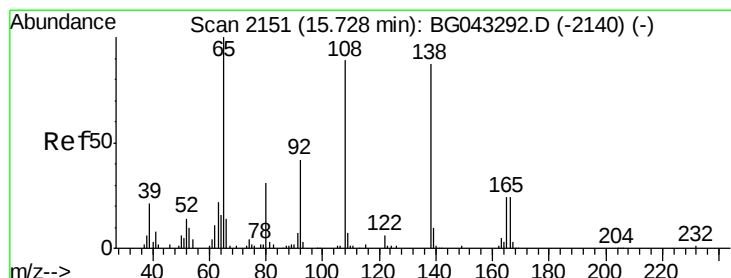
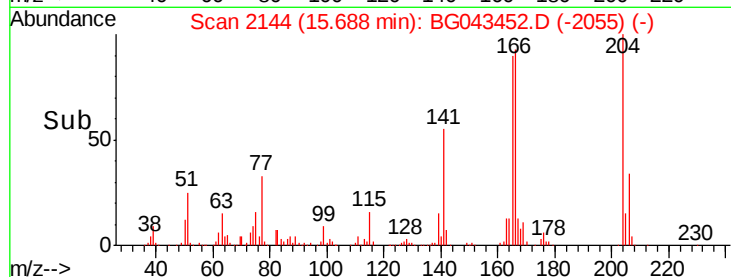
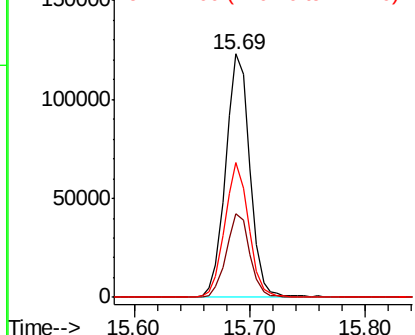
#61
4-Chlorophenyl-phenylether
Concen: 34.955 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 178447
Ion Ratio Lower Upper
204 100
206 34.2 25.7 38.5
141 55.4 42.3 63.5

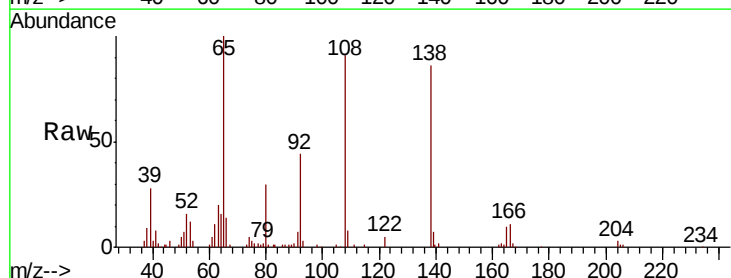


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

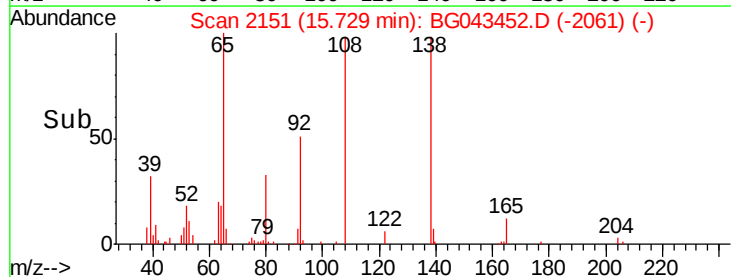
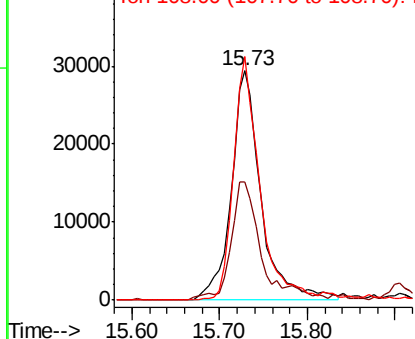


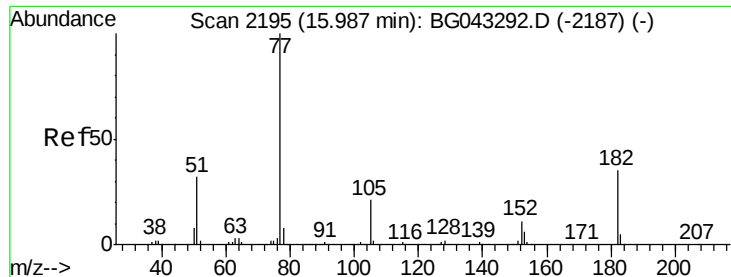
#62
4-Nitroaniline
Concen: 34.440 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion:138 Resp: 67674
Ion Ratio Lower Upper
138 100
92 51.6 28.8 68.8
108 106.3 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

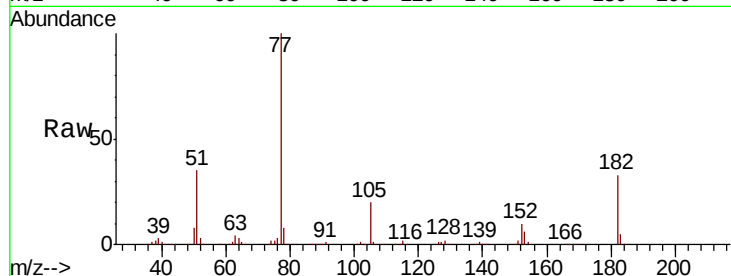




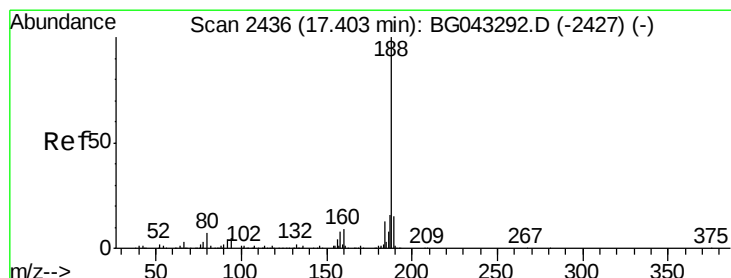
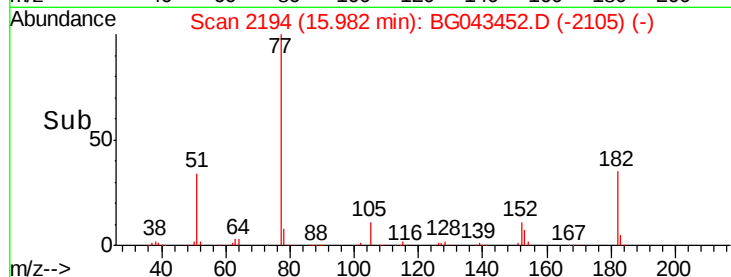
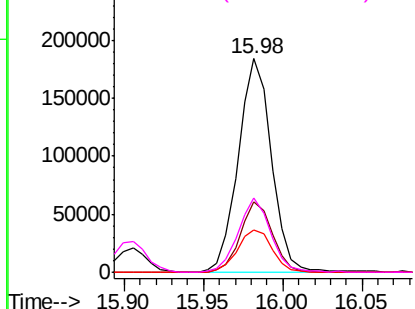
#63
Azobenzene
Concen: 35.968 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	265324
Ion	Ratio	Lower	Upper
77	100		
182	33.0	14.9	54.9
105	19.7	0.6	40.6
51	34.6	12.5	52.5

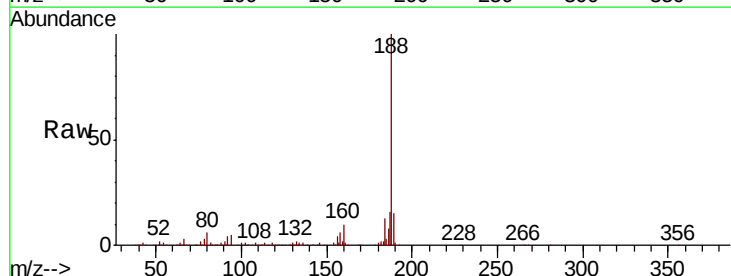


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

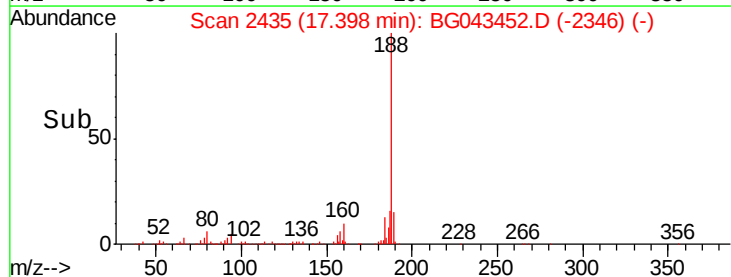
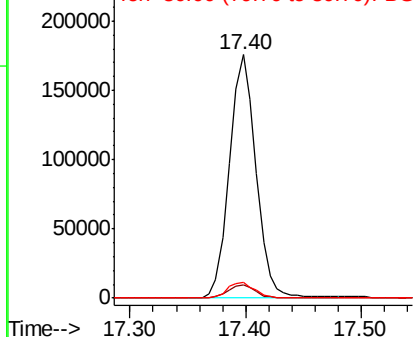


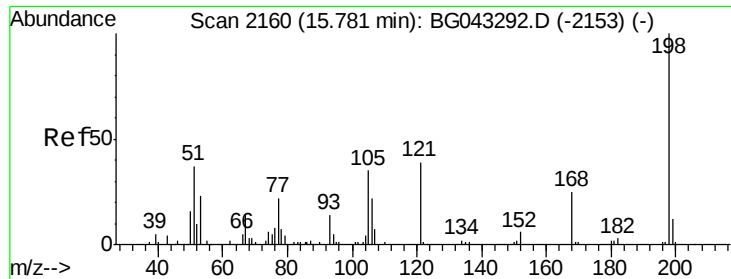
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion:	188	Resp:	280340
Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.2	6.2
80	6.4	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: 37.036 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

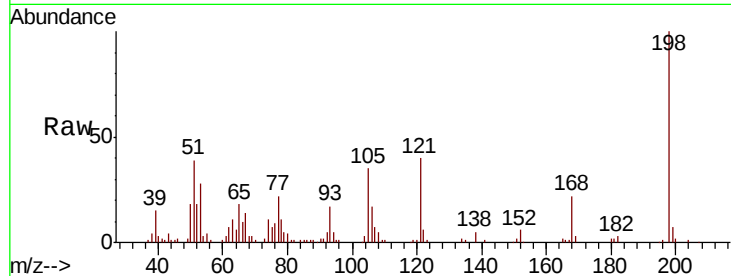
Tot Ion:198 Resp: 61102

Ion Ratio Lower Upper

198 100

51 38.8 21.4 61.4

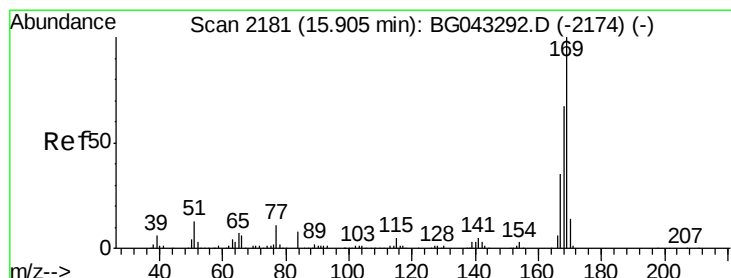
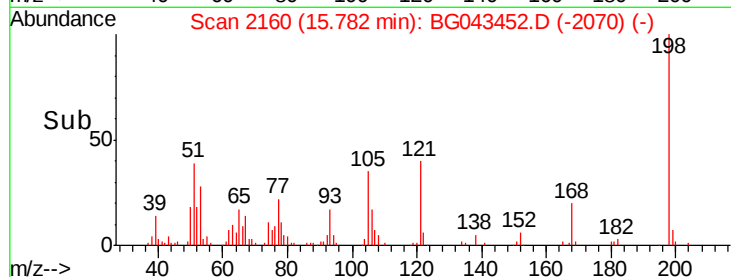
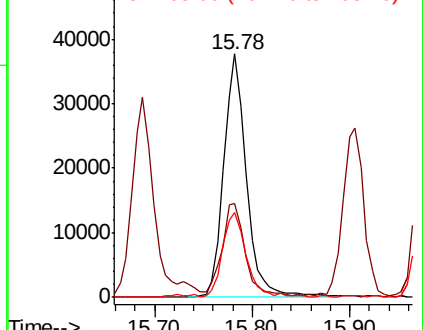
105 34.7 16.5 56.5



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: 35.324 ng

RT: 15.91 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

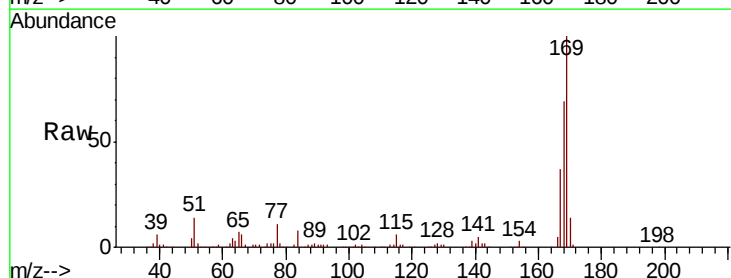
Tgt Ion:169 Resp: 279579

Ion Ratio Lower Upper

169 100

168 69.0 53.9 80.9

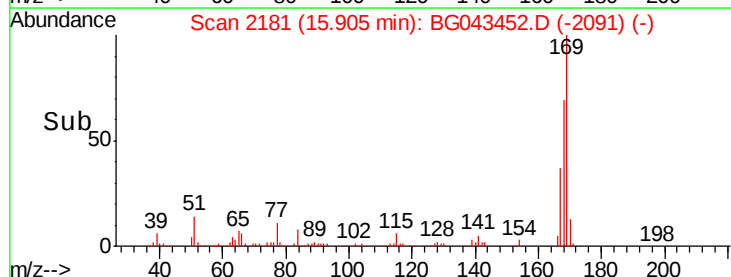
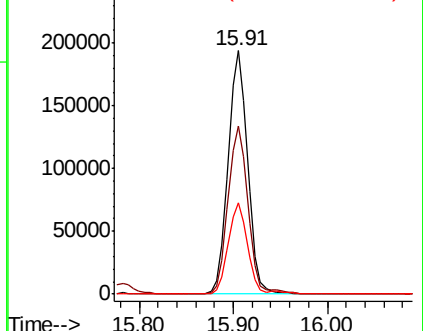
167 37.5 28.3 42.5



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

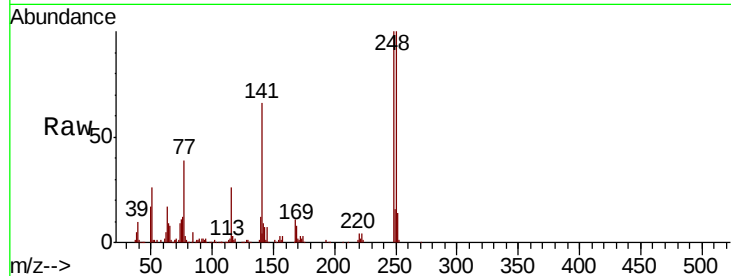




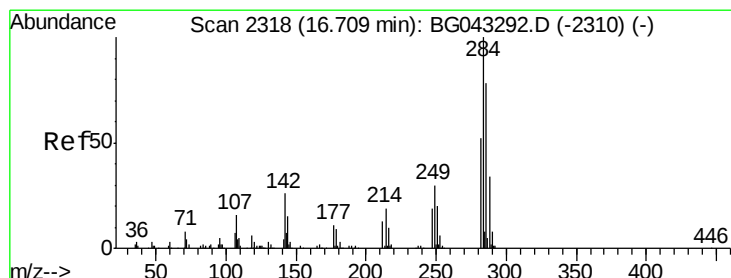
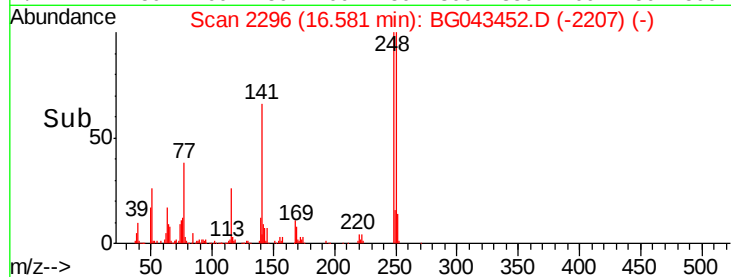
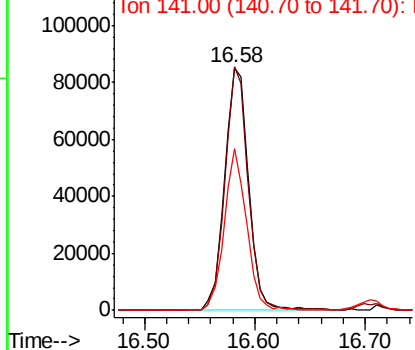
#67
4-Bromophenyl-phenylether
Concen: 34.252 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.2	79.3	118.9
141	66.4	47.9	71.9

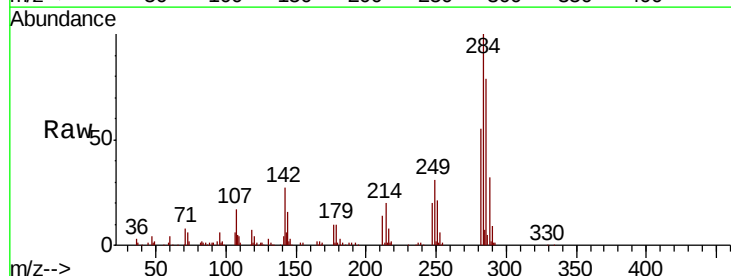


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

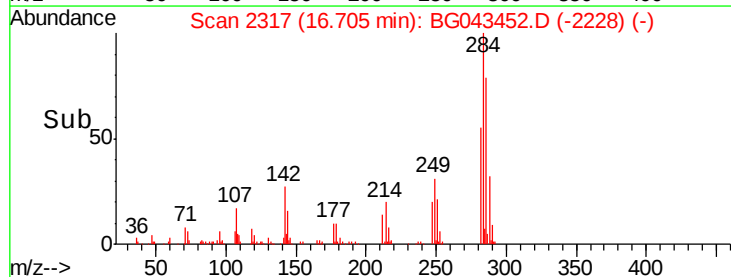
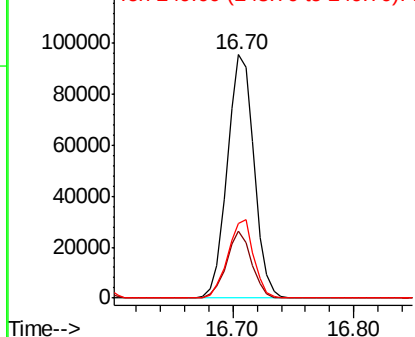


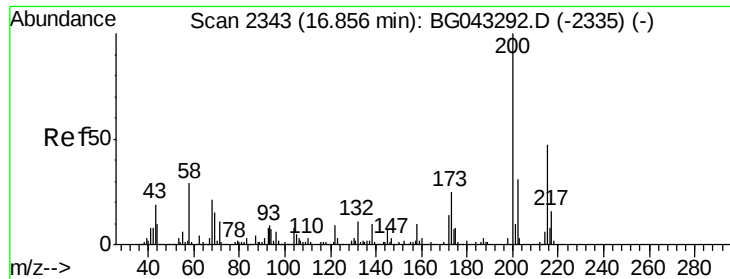
#68
Hexachlorobenzene
Concen: 33.852 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	21.1	31.7
249	30.8	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

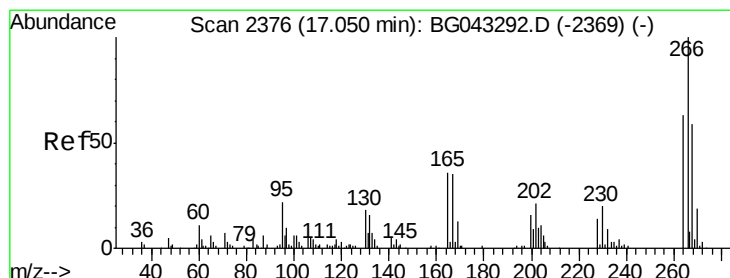
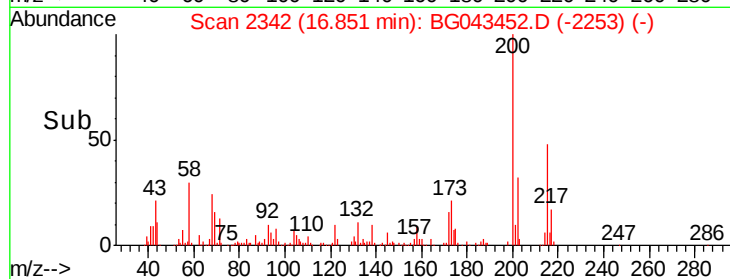
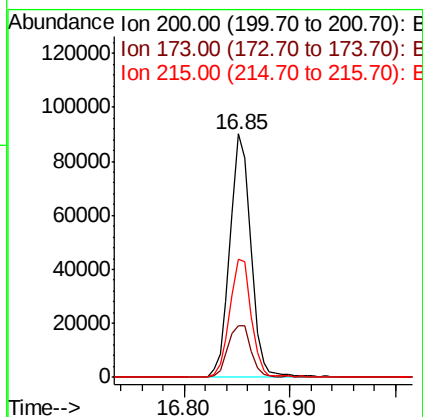
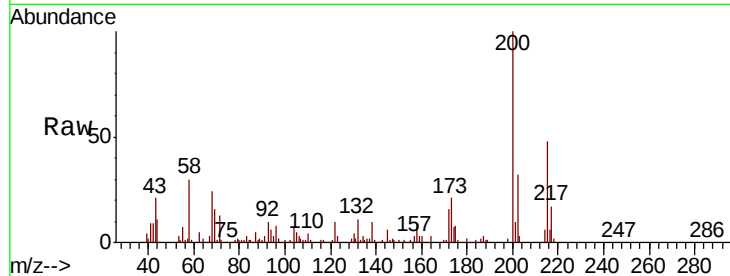




#69
 Atrazine
 Concen: 45.109 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

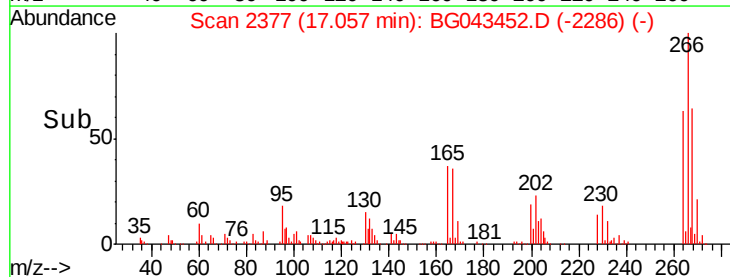
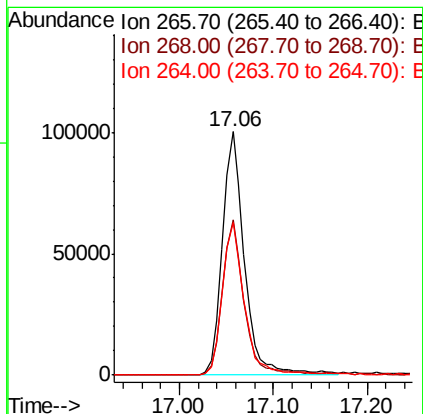
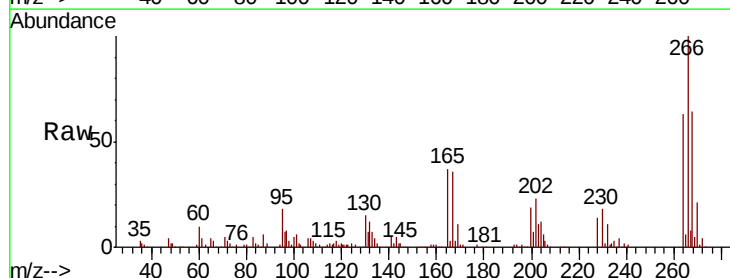
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.2	5.1	45.1
215	48.4	26.6	66.6



#70
 Pentachlorophenol
 Concen: 83.606 ng
 RT: 17.06 min Scan# 2377
 Delta R.T. 0.01 min
 Lab File: BG043452.D
 Acq: 1 Nov 2019 2:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	47.1	70.7
264	62.7	50.4	75.6

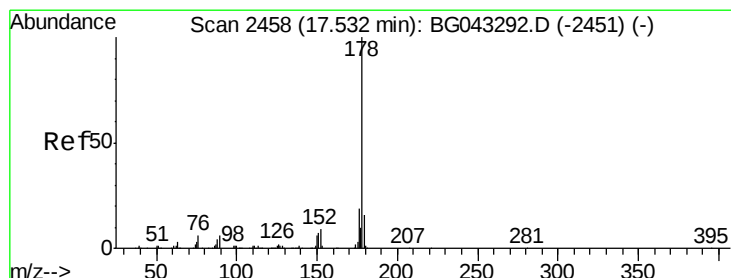
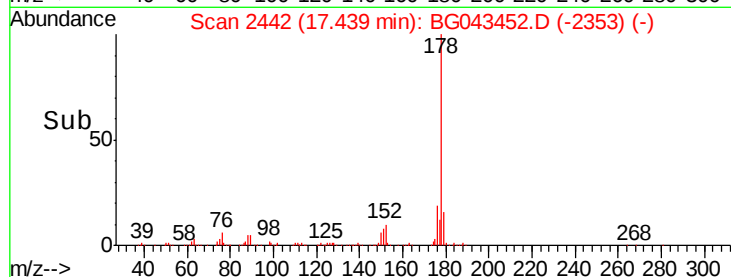
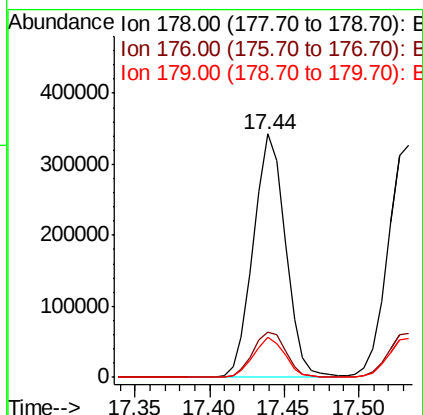
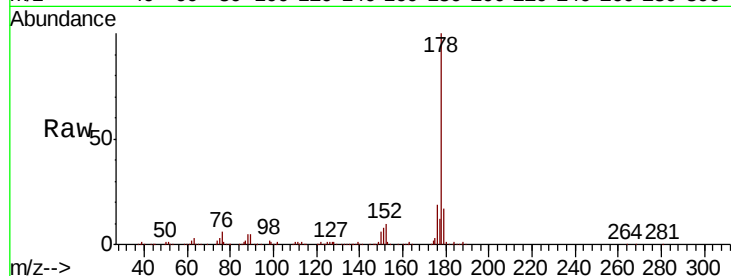




#71
Phenanthrene
Concen: 35.576 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

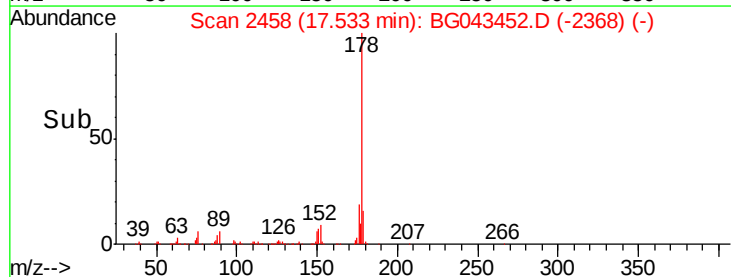
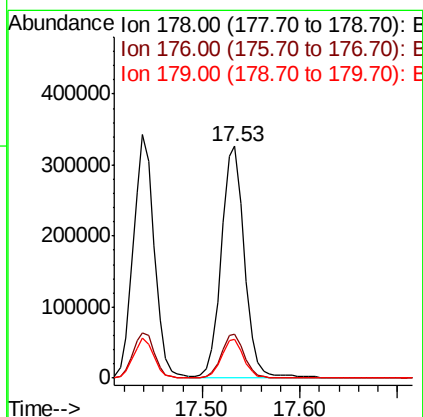
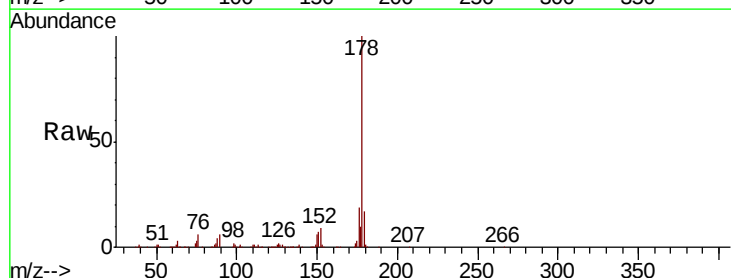
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 510712
Ion Ratio Lower Upper
178 100
176 18.6 15.8 23.8
179 16.6 13.1 19.7



#72
Anthracene
Concen: 37.153 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion:178 Resp: 533625
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 16.5 13.0 19.6





#73

Carbazole

Concen: 36.668 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

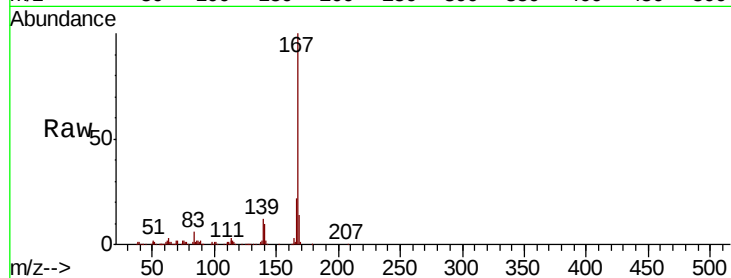
Tot Ion:167 Resp: 476928

Ion Ratio Lower Upper

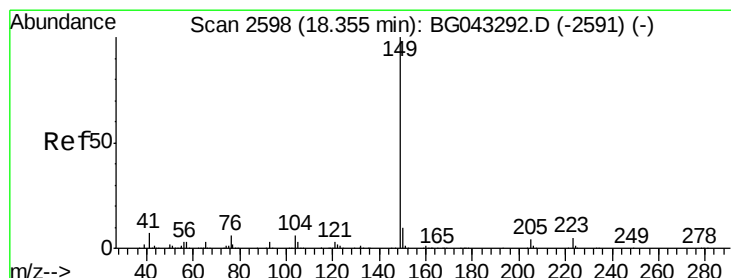
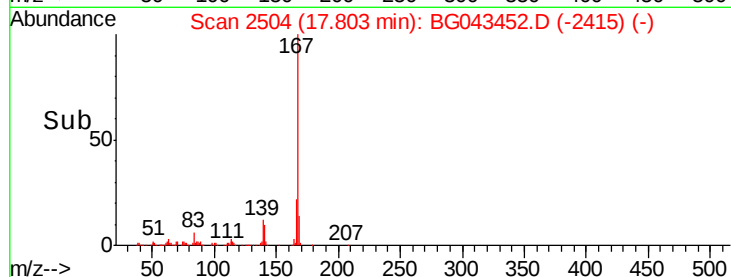
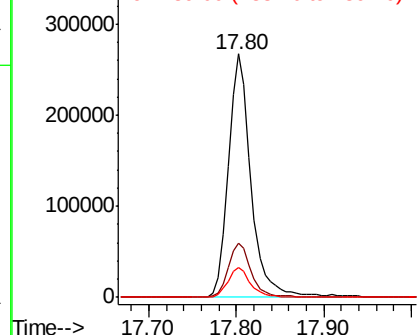
167 100

166 22.0 18.4 27.6

139 12.1 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 35.979 ng

RT: 18.36 min Scan# 2598

Delta R.T. 0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

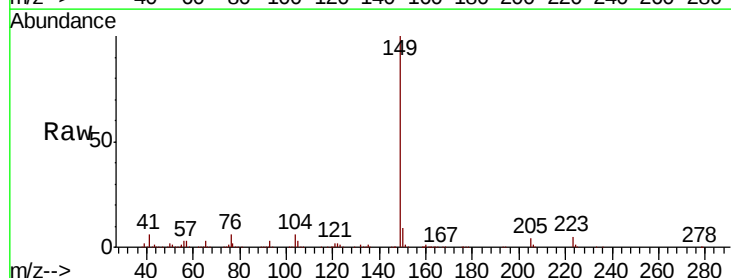
Tgt Ion:149 Resp: 567809

Ion Ratio Lower Upper

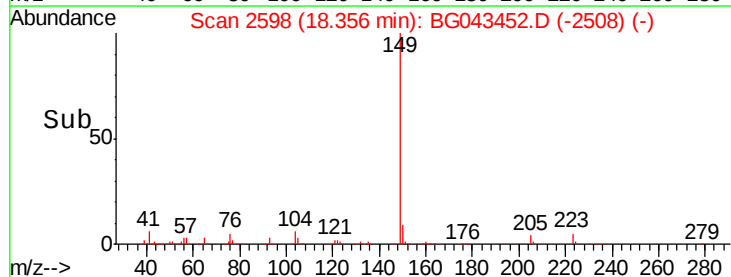
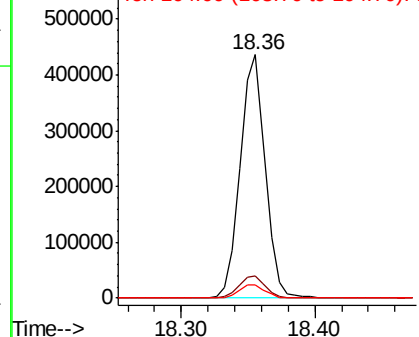
149 100

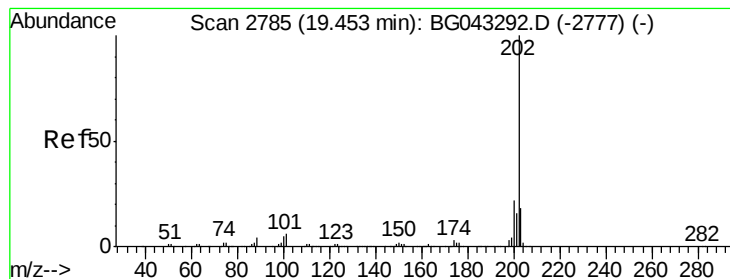
150 9.3 8.0 12.0

104 5.7 4.7 7.1



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





#75

Fluoranthene

Concen: 37.148 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

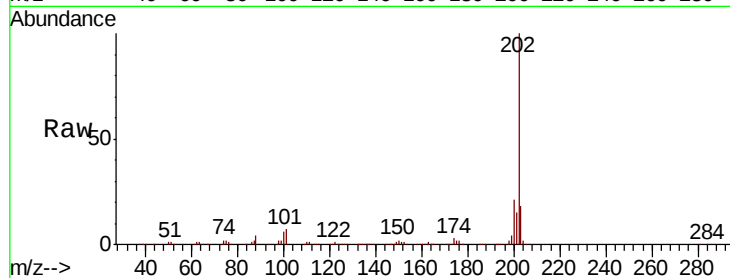
Tot Ion:202 Resp: 695232

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.0

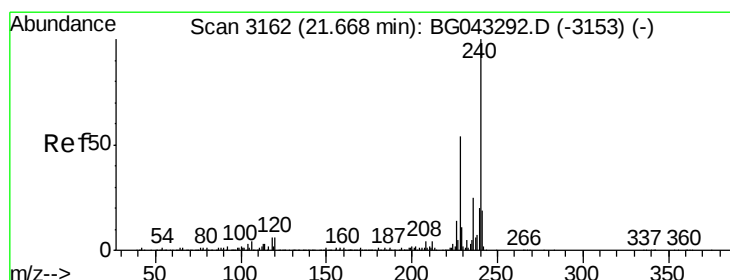
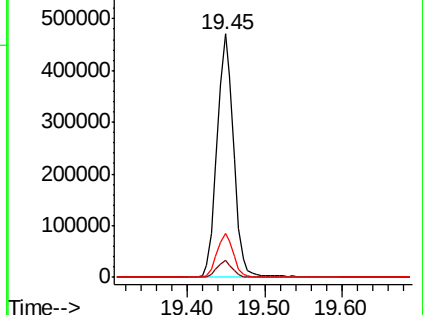
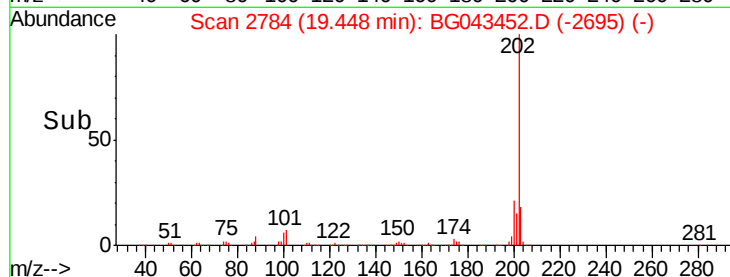
203 17.8 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

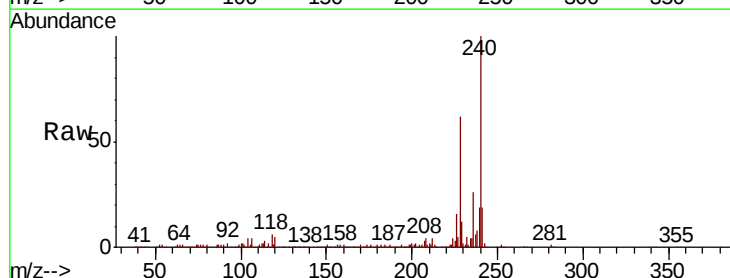
Tgt Ion:240 Resp: 318491

Ion Ratio Lower Upper

240 100

120 5.3 4.6 7.0

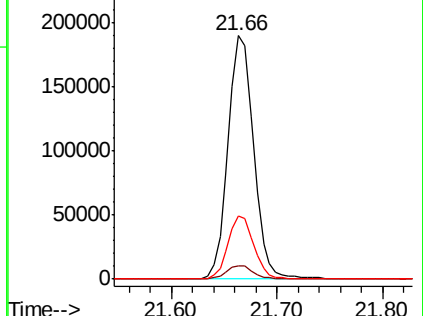
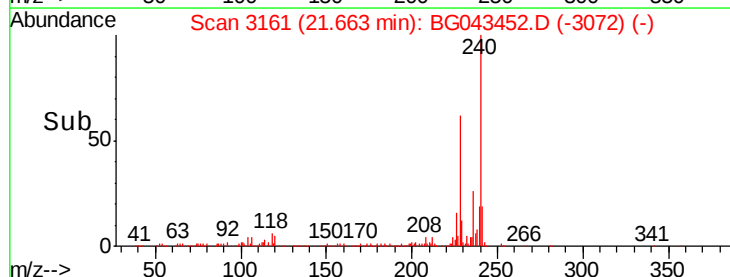
236 25.7 20.2 30.4

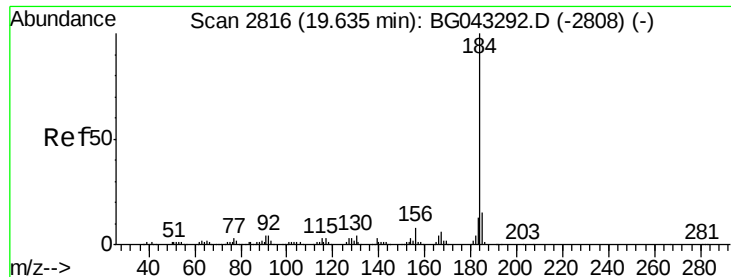


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.884 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampled :

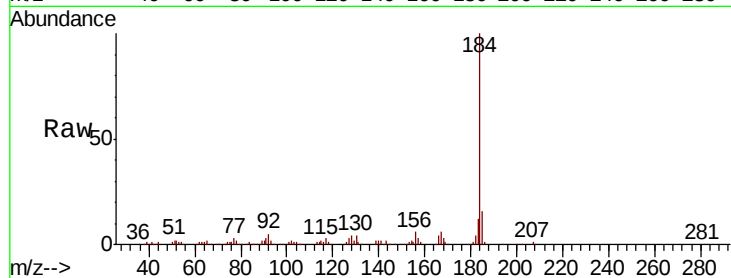
Tot Ion:184 Resp: 217187

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.6

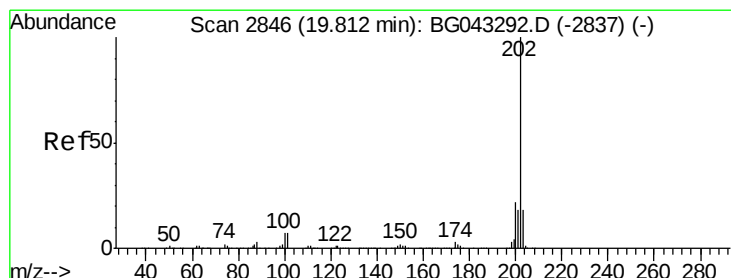
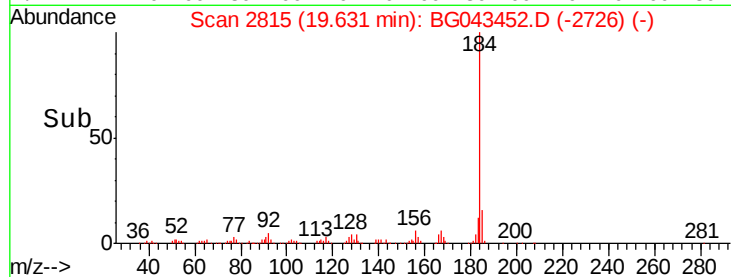
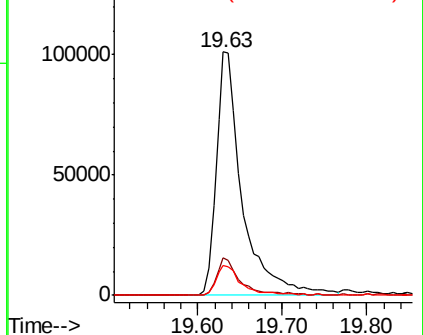
183 12.3 10.6 16.0



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: 35.861 ng

RT: 19.81 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

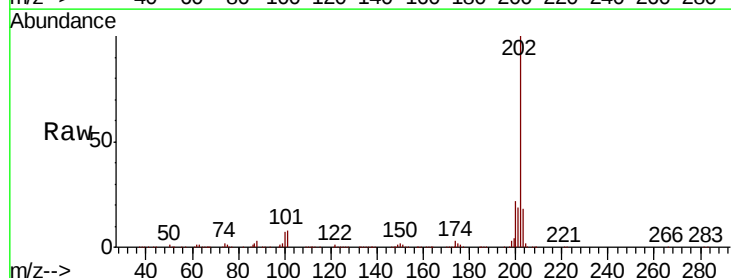
Tgt Ion:202 Resp: 706979

Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

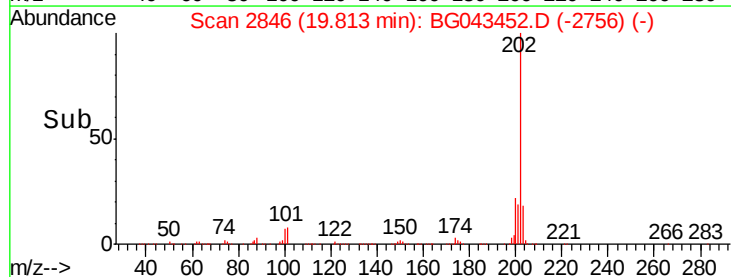
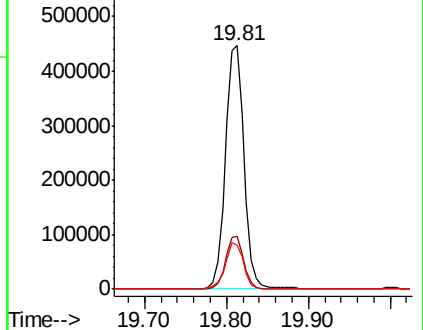
203 18.2 14.5 21.7

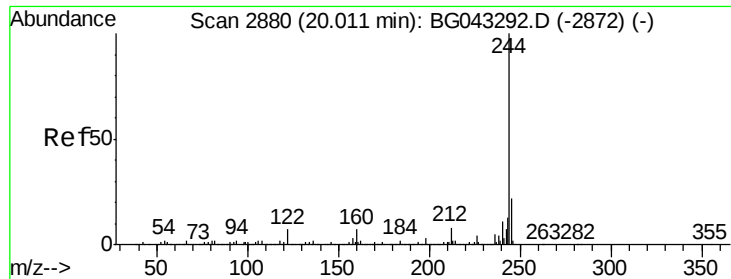


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 53.572 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampled :

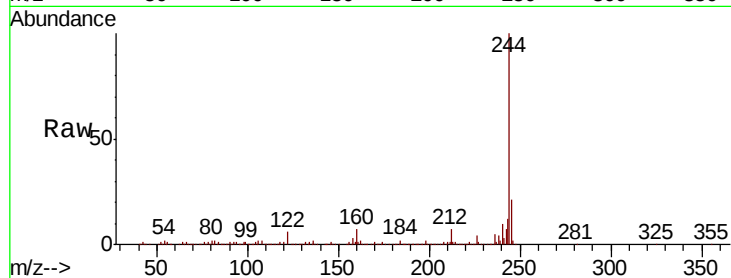
Tot Ion:244 Resp: 909465

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

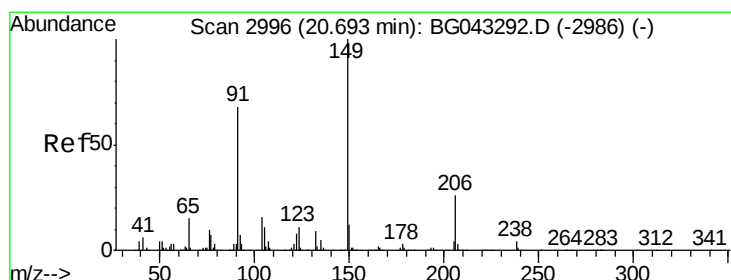
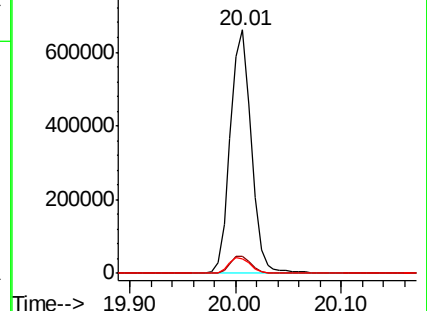
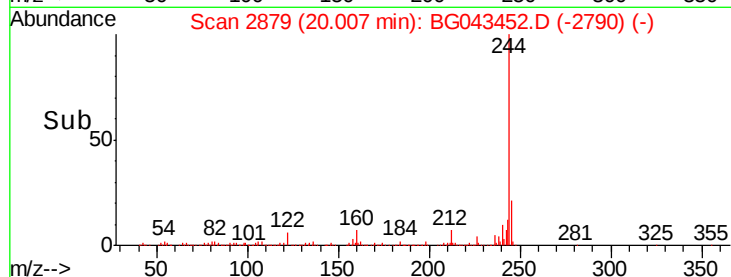
122 6.0 5.3 7.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.151 ng

RT: 20.69 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

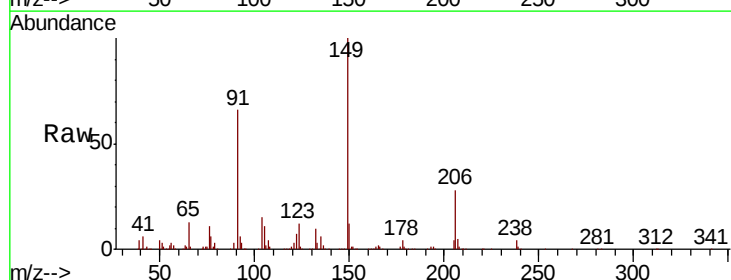
Tgt Ion:149 Resp: 262544

Ion Ratio Lower Upper

149 100

91 65.7 54.6 82.0

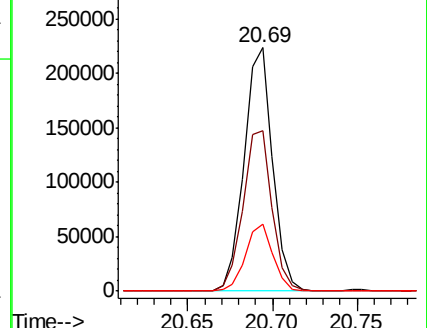
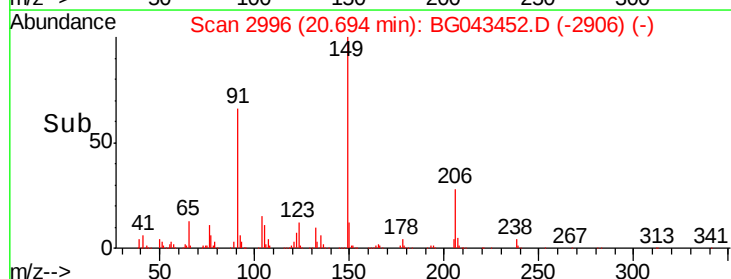
206 27.6 20.5 30.7

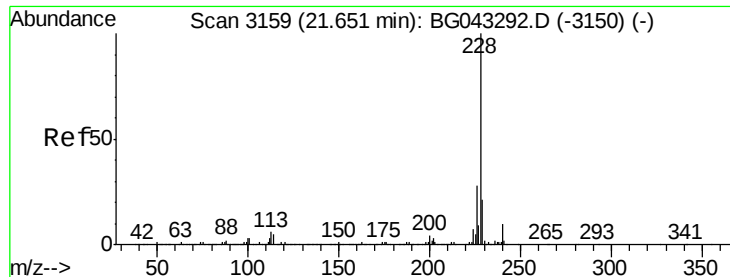


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

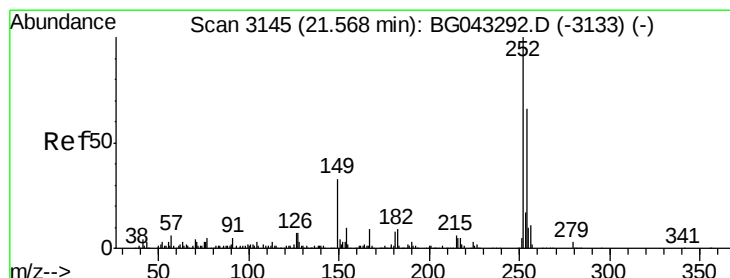
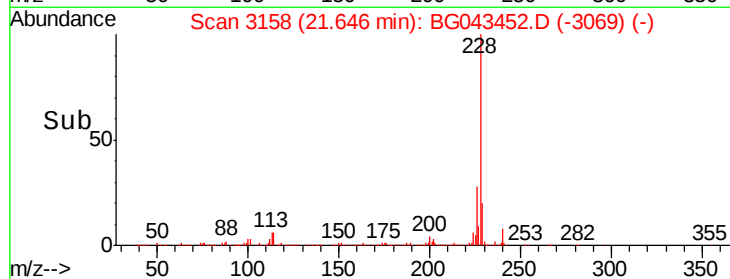
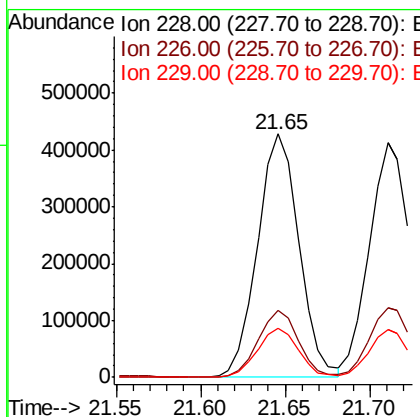
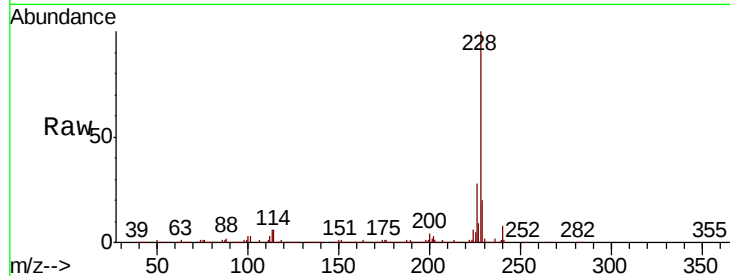




#81
Benzo(a)anthracene
Concen: 36.416 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

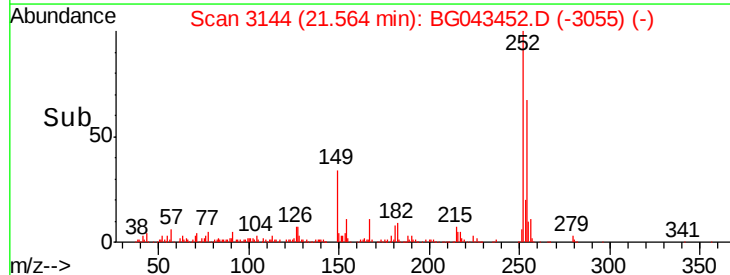
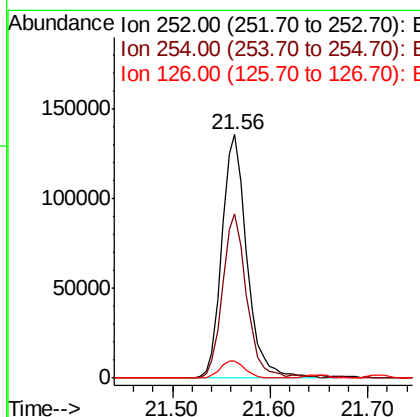
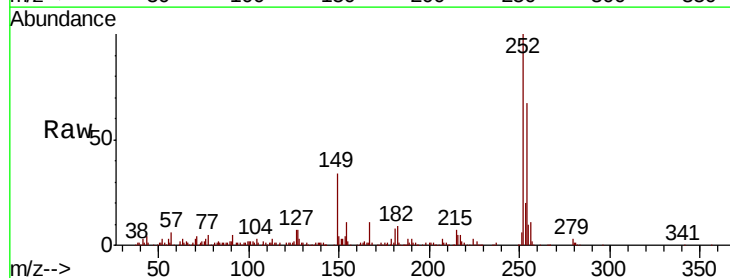
Instrument :
BNA_G
ClientSampled :

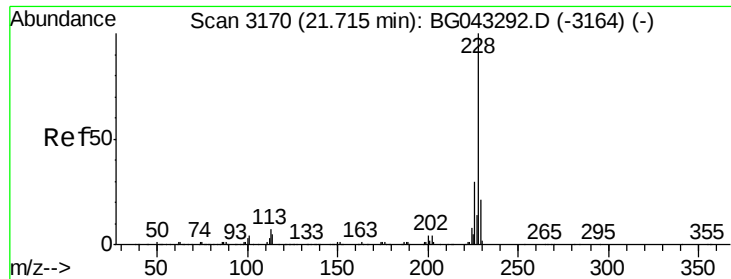
Tot Ion:228 Resp: 726493
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.2 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 31.323 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion:252 Resp: 241700
Ion Ratio Lower Upper
252 100
254 67.3 52.7 79.1
126 7.0 5.6 8.4





#83

Chrysene

Concen: 35.715 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

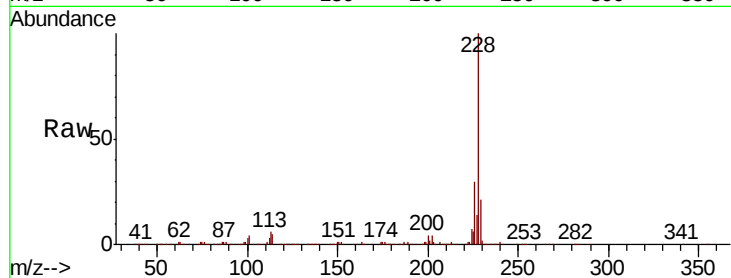
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 707933

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	20.5	16.3	24.5

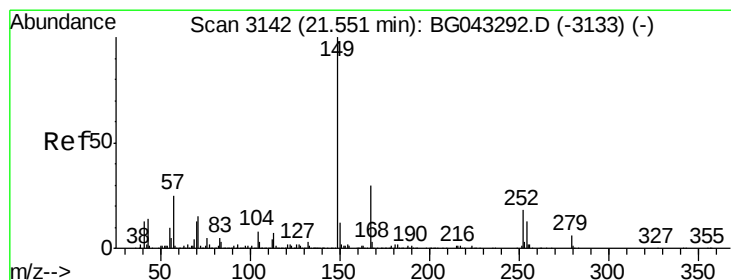
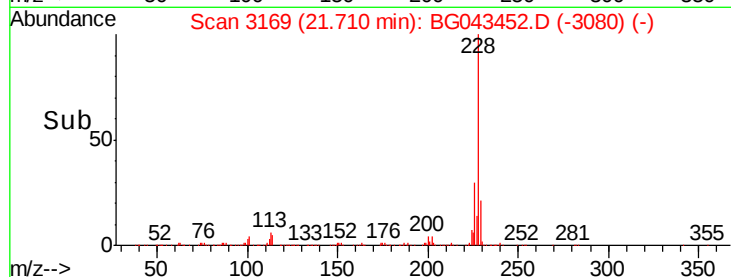
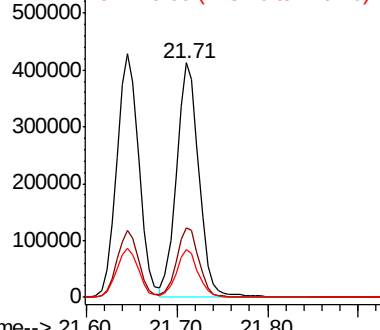


Abundance

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: 36.034 ng

RT: 21.55 min Scan# 3141

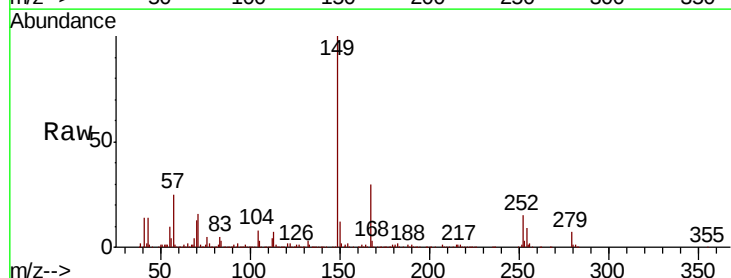
Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Tgt Ion:149 Resp: 382309

Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.9	35.9
279	6.5	4.8	7.2

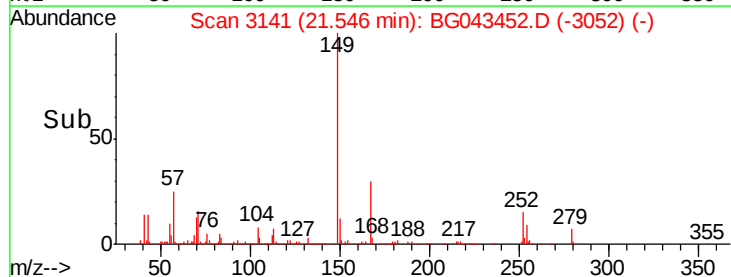
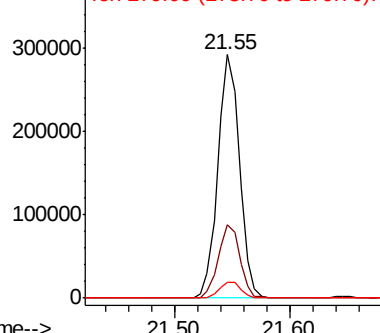


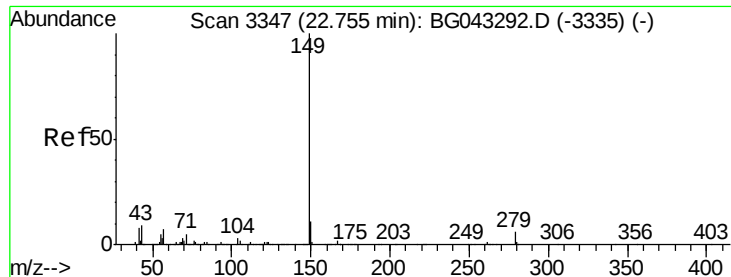
Abundance

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: 37.062 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG043452.D

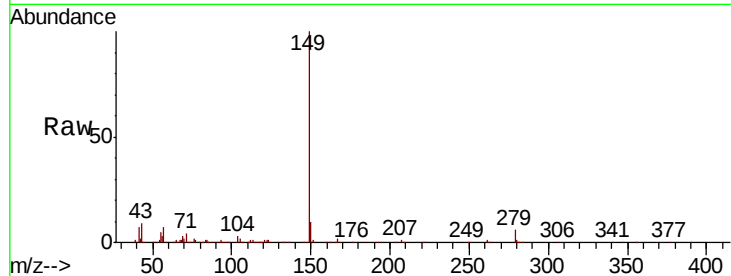
Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampled :

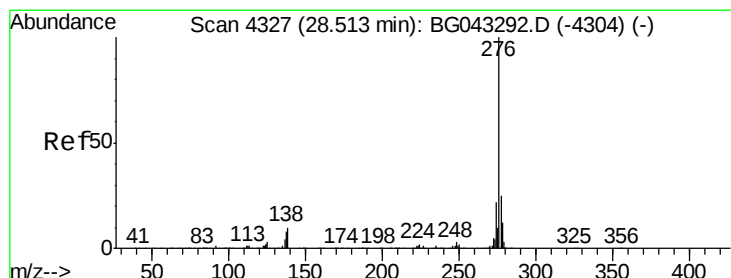
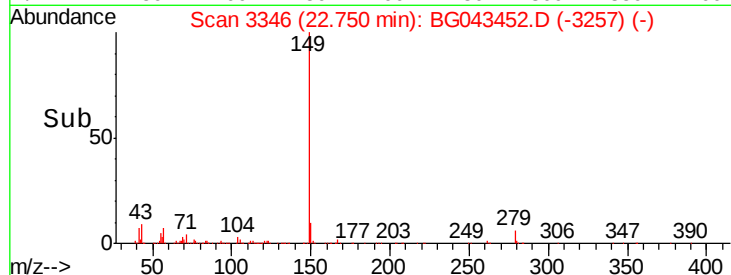
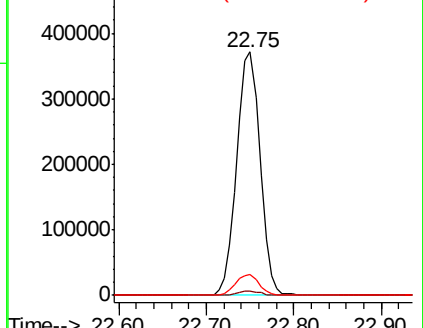
Tot Ion:149	Resp:	667120
Ion Ratio	Lower	Upper
149	100	
167	1.7	1.4 2.0
43	8.6	6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.329 ng

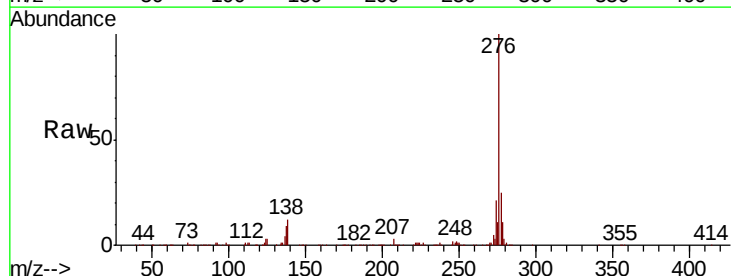
RT: 28.51 min Scan# 4326

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

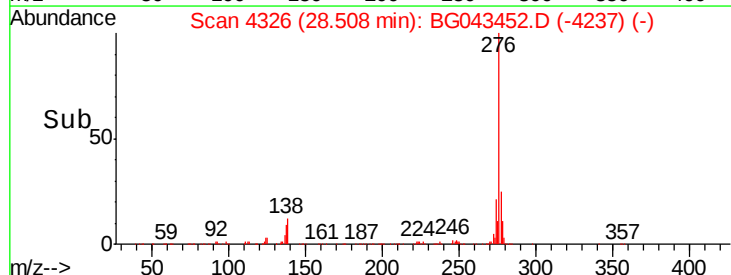
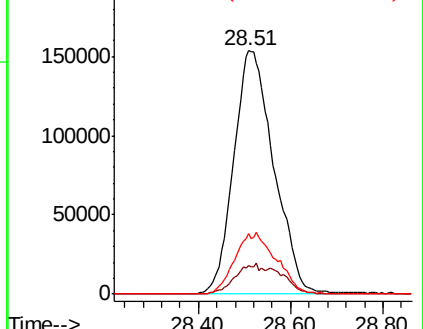
Tgt Ion:276	Resp:	928804
Ion Ratio	Lower	Upper
276	100	
138	6.0	7.2 10.8#
277	11.1	20.9 31.3#

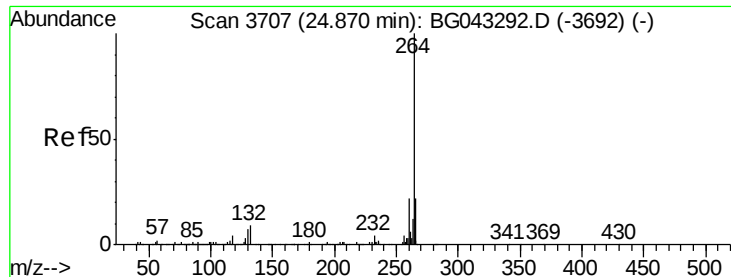


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

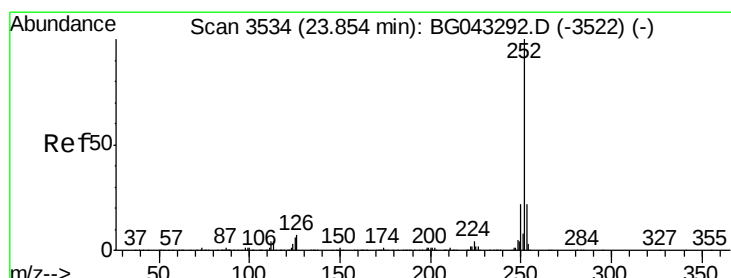
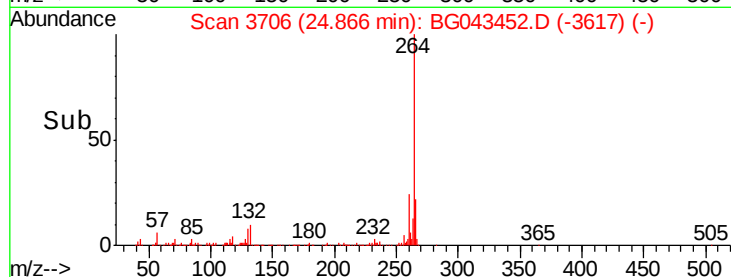
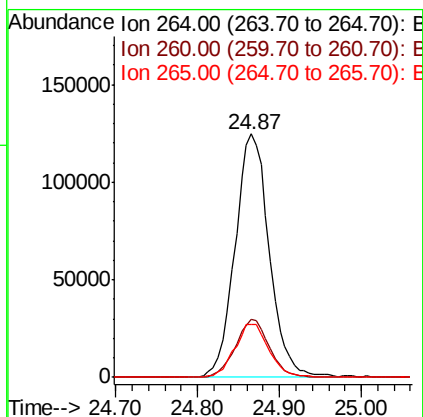
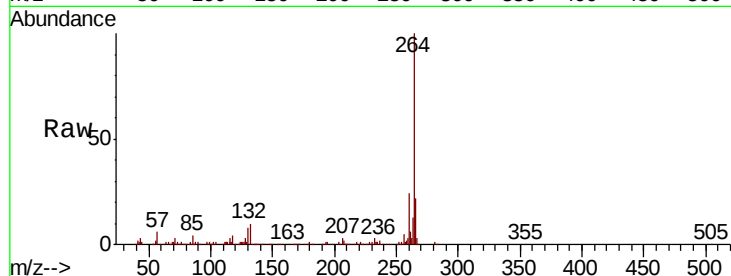




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

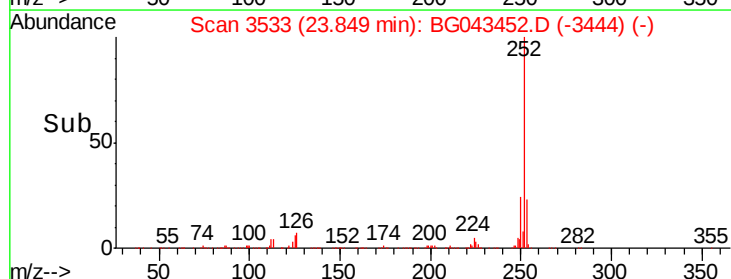
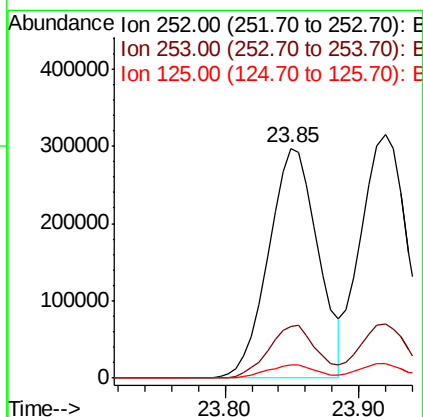
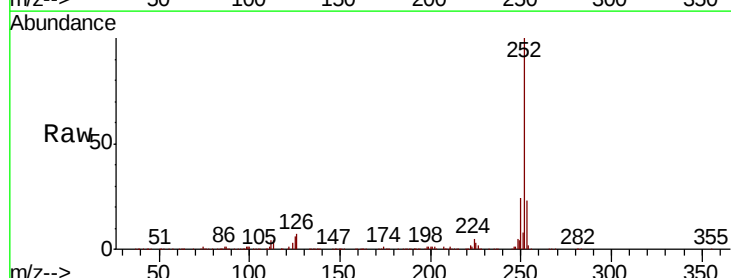
Instrument :
BNA_G
ClientSampleId :

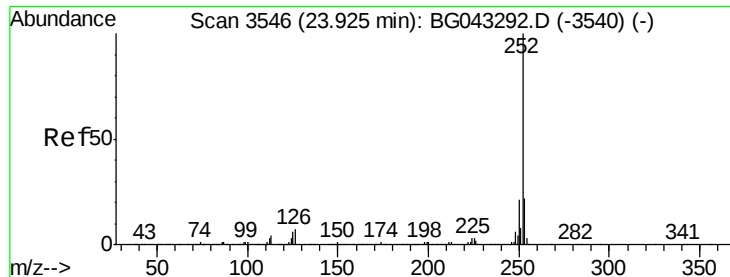
Tot Ion:264 Resp: 363261
Ion Ratio Lower Upper
264 100
260 24.1 17.9 26.9
265 21.7 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 37.178 ng
RT: 23.85 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion:252 Resp: 764894
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 5.5 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 37.292 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

Instrument :

BNA_G

ClientSampleId :

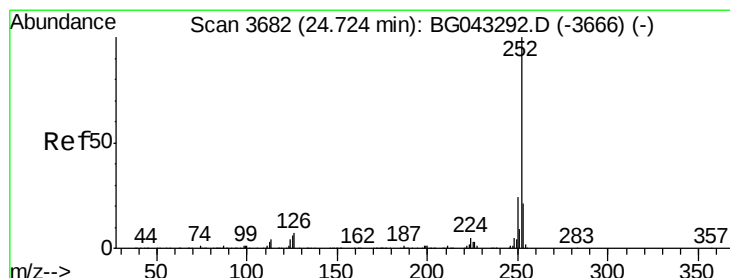
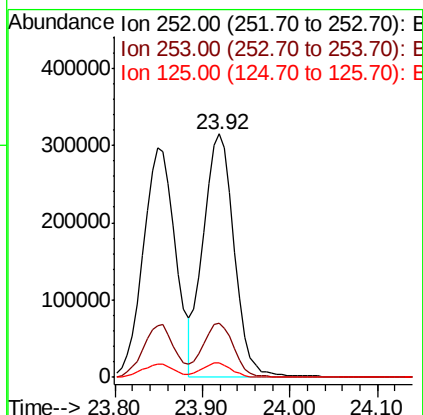
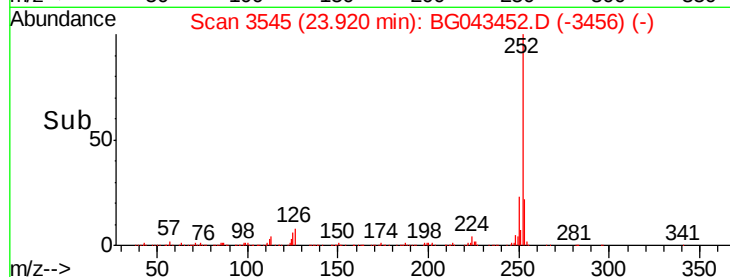
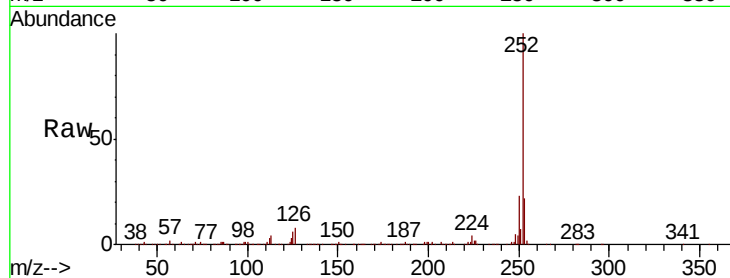
Tot Ion:252 Resp: 772399

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 6.1 4.5 6.7



#90

Benzo(a)pyrene

Concen: 36.259 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043452.D

Acq: 1 Nov 2019 2:49

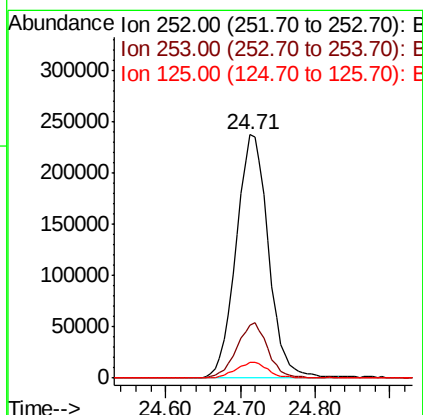
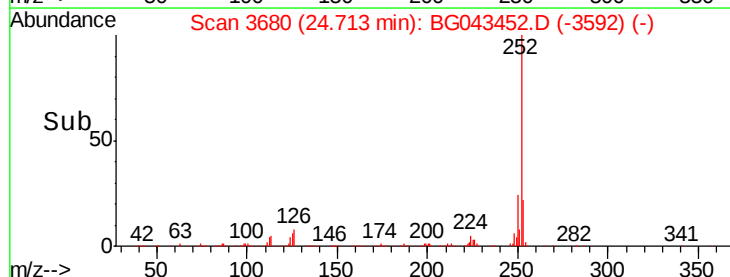
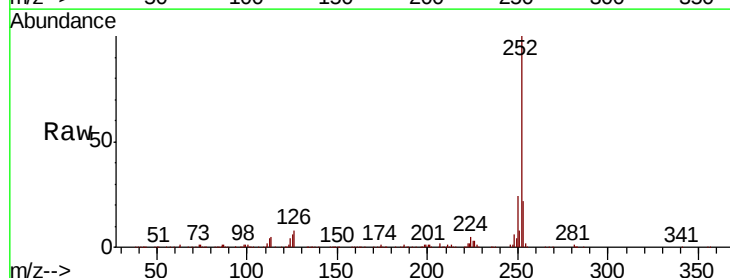
Tgt Ion:252 Resp: 712377

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 6.4 5.0 7.6

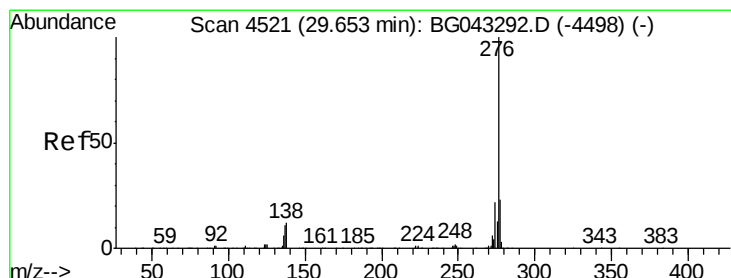
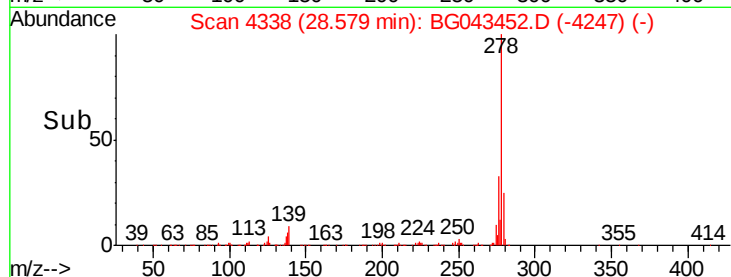
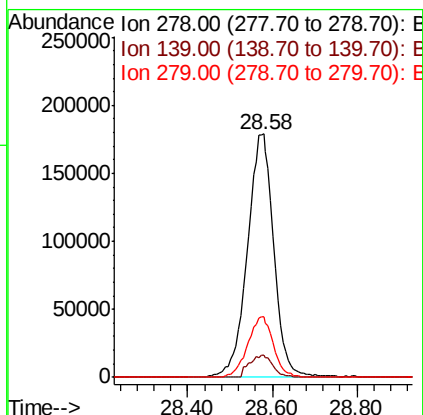
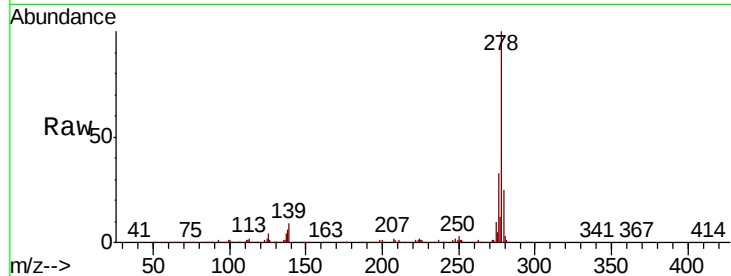




#91
Dibenzo(a,h)anthracene
Concen: 39.043 ng
RT: 28.58 min Scan# 4338
Delta R.T. 0.01 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 784603
Ion Ratio Lower Upper
278 100
139 9.3 6.8 10.2
279 25.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 39.184 ng
RT: 29.65 min Scan# 4521
Delta R.T. 0.00 min
Lab File: BG043452.D
Acq: 1 Nov 2019 2:49

Tgt Ion:276 Resp: 776709
Ion Ratio Lower Upper
276 100
277 22.8 18.3 27.5
138 12.5 9.3 13.9

