

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043409.D
 Acq On : 30 Oct 2019 20:33
 Operator : JU
 Sample : K5501-13MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 05:09:49 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	43127	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	167755	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	118191	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	275996	20.00	ng	0.00
76) Chrysene-d12	21.66	240	304729	20.00	ng	0.00
87) Perylene-d12	24.85	264	356298	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	219777	93.38	ng	0.00
7) Phenol-d6	7.21	99	316845	93.57	ng	0.00
23) Nitrobenzene-d5	9.19	82	188798	58.02	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	194421	86.44	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	520237	60.82	ng	0.00
79) Terphenyl-d14	20.00	244	970060	59.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	30514	33.271	ng	96
3) Pyridine	3.89	79	74663	32.272	ng	96
4) n-Nitrosodimethylamine	3.81	42	44099	37.774	ng	99
6) Aniline	7.35	93	87039	22.314	ng	99
8) 2-Chlorophenol	7.59	128	104937	40.391	ng	97
9) Benzaldehyde	7.16	77	56536	33.974	ng	93
10) Phenol	7.24	94	141464	45.718	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	89126	37.255	ng	99
12) 1,3-Dichlorobenzene	7.91	146	113704	34.931	ng	98
13) 1,4-Dichlorobenzene	8.05	146	118270	35.912	ng	97
14) 1,2-Dichlorobenzene	8.38	146	114585	35.634	ng	97
15) Benzyl Alcohol	8.26	79	92895	39.063	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	120926	34.763	ng	97
17) 2-Methylphenol	8.48	107	88587	39.272	ng	96
18) Hexachloroethane	9.10	117	41579	34.993	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	76470	34.949	ng	98
20) 3+4-Methylphenols	8.81	107	123024	39.773	ng	93
22) Acetophenone	8.85	105	155928	36.296	ng	# 97
24) Nitrobenzene	9.23	77	116456	37.570	ng	94
25) Isophorone	9.75	82	220743	37.105	ng	99
26) 2-Nitrophenol	9.94	139	60034	40.116	ng	94
27) 2,4-Dimethylphenol	10.00	122	92157	42.966	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	119845	36.500	ng	96
29) 2,4-Dichlorophenol	10.49	162	114335	41.604	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	127490	36.807	ng	98
31) Naphthalene	10.87	128	330818	38.850	ng	99
32) Benzoic acid	10.18	122	53745	35.679	ng	88
33) 4-Chloroaniline	11.00	127	42616	12.209	ng	98
34) Hexachlorobutadiene	11.16	225	90344	35.284	ng	97
35) Caprolactam	11.76	113	21848	23.083	ng	95
36) 4-Chloro-3-methylphenol	12.12	107	121233	40.442	ng	96
37) 2-Methylnaphthalene	12.48	142	257735	39.448	ng	97
38) 1-Methylnaphthalene	12.69	142	240681	38.717	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	164762	37.668	ng	98

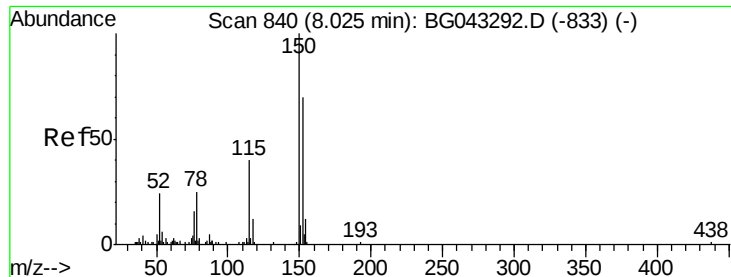
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	187553	81.625	ng	96
43) 2,4,6-Trichlorophenol	13.09	196	104734	40.659	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	114787	44.077	ng	98
46) 1,1'-Biphenyl	13.48	154	341932	38.029	ng	97
47) 2-Chloronaphthalene	13.53	162	267338	39.077	ng	99
48) 2-Nitroaniline	13.73	65	78493	38.388	ng	96
49) Acenaphthylene	14.37	152	428491	40.244	ng	97
50) Dimethylphthalate	14.10	163	417656	45.622	ng	99
51) 2,6-Dinitrotoluene	14.22	165	79046	39.745	ng	98
52) Acenaphthene	14.72	154	255449	39.341	ng	98
53) 3-Nitroaniline	14.56	138	41073	21.390	ng	87
54) 2,4-Dinitrophenol	14.76	184	87967	71.665	ng	95
55) Dibenzofuran	15.04	168	422418	40.117	ng	99
56) 4-Nitrophenol	14.89	139	118593	92.163	ng	95
57) 2,4-Dinitrotoluene	15.01	165	111234	39.135	ng	98
58) Fluorene	15.70	166	347897	39.393	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	115778	41.844	ng	# 98
60) Diethylphthalate	15.46	149	345730	37.585	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	199127	38.650	ng	96
62) 4-Nitroaniline	15.73	138	70716	35.660	ng	92
63) Azobenzene	15.98	77	289536	38.892	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	70445	43.371	ng	98
66) n-Nitrosodiphenylamine	15.90	169	309485	39.718	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	142204	38.286	ng	96
68) Hexachlorobenzene	16.70	284	157894	37.034	ng	96
69) Atrazine	16.85	200	133778	49.409	ng	95
70) Pentachlorophenol	17.05	266	170603	87.816	ng	93
71) Phenanthrene	17.44	178	553931	39.194	ng	100
72) Anthracene	17.53	178	563953	39.882	ng	99
73) Carbazole	17.80	167	501843	39.191	ng	100
74) Di-n-butylphthalate	18.35	149	602267	38.763	ng	99
75) Fluoranthene	19.45	202	727963	39.509	ng	100
77) Benzidine	19.63	184	180670	29.460	ng	99
78) Pyrene	19.80	202	739918	39.227	ng	99
80) Butylbenzylphthalate	20.69	149	276264	38.659	ng	99
81) Benzo(a)anthracene	21.64	228	764091	40.030	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	189651	25.688	ng	97
83) Chrysene	21.71	228	755944	39.859	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	402767	39.677	ng	99
85) Di-n-octyl phthalate	22.74	149	703785	40.865	ng	100
86) Indeno(1,2,3-cd)pyrene	28.49	276	975046	40.957	ng	# 96
88) Benzo(b)fluoranthene	23.85	252	813655	40.321	ng	99
89) Benzo(k)fluoranthene	23.91	252	805007	39.626	ng	99
90) Benzo(a)pyrene	24.70	252	751985	39.024	ng	98
91) Dibenzo(a,h)anthracene	28.55	278	827391	41.977	ng	99
92) Benzo(g,h,i)perylene	29.64	276	829756	42.678	ng	97

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

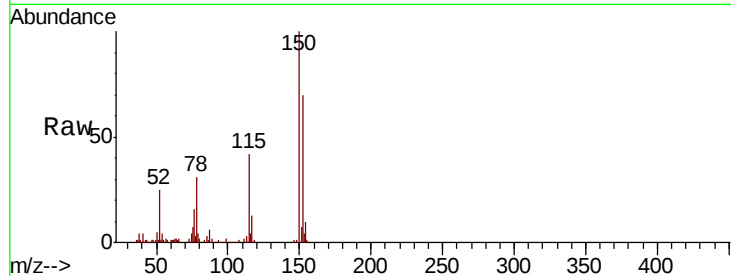


#1

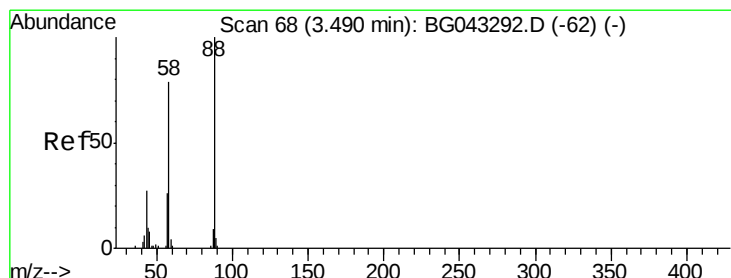
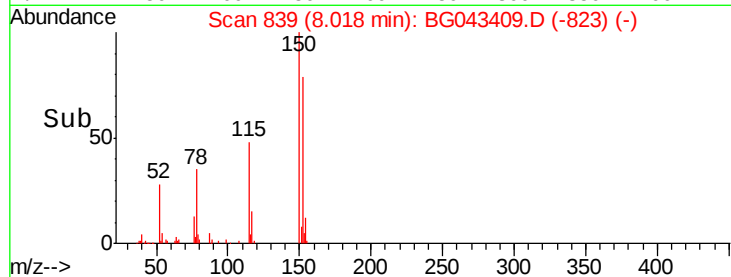
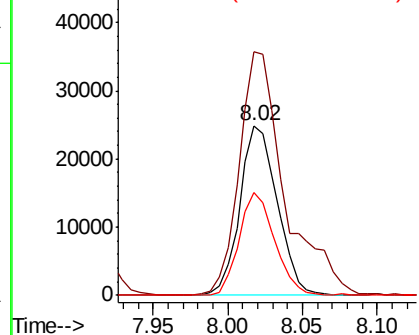
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.6	113.6	170.4
115	60.8	45.9	68.9



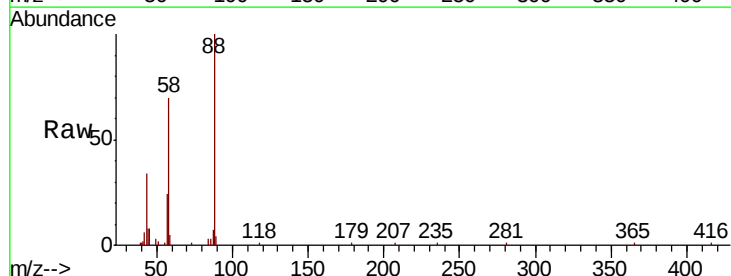
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



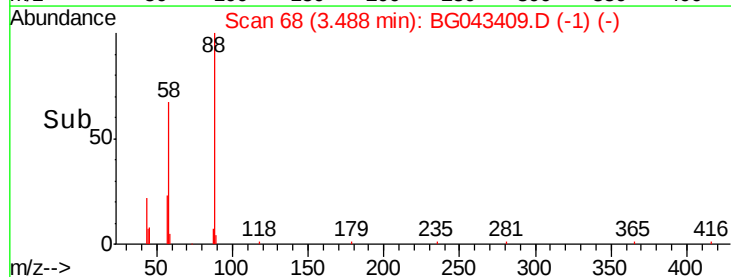
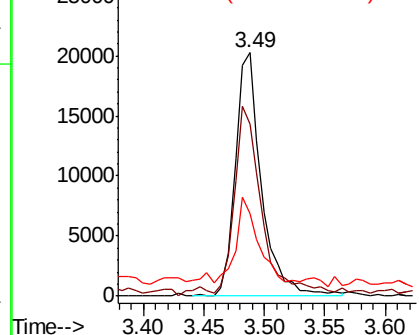
#2

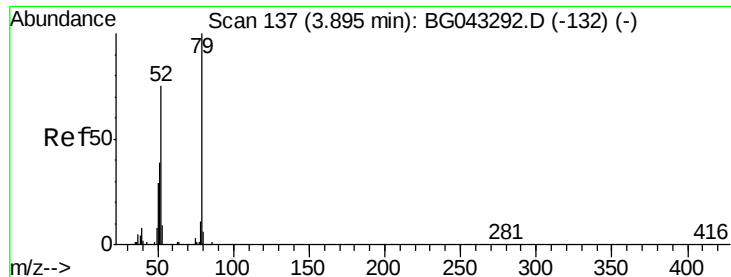
1,4-Dioxane
Concen: 33.271 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.0	60.2	90.2
43	33.1	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: 32.272 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

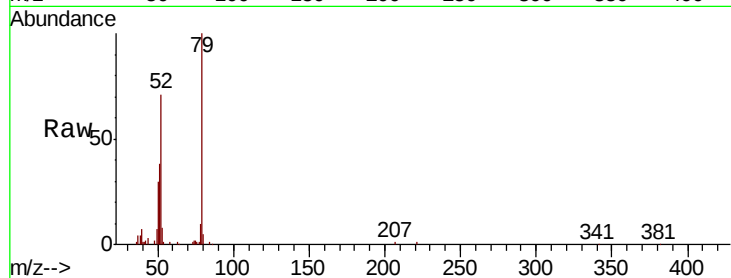
Tot Ion: 79 Resp: 74663

Ion Ratio Lower Upper

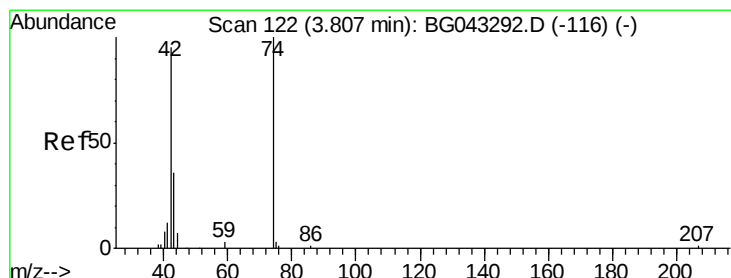
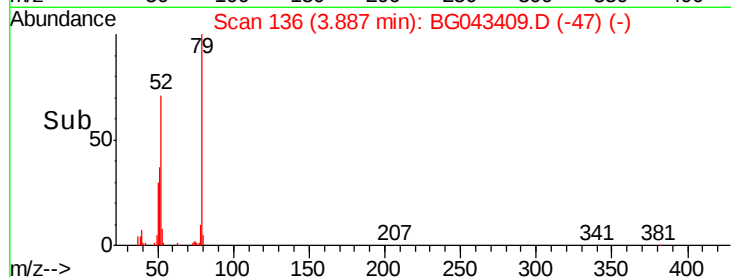
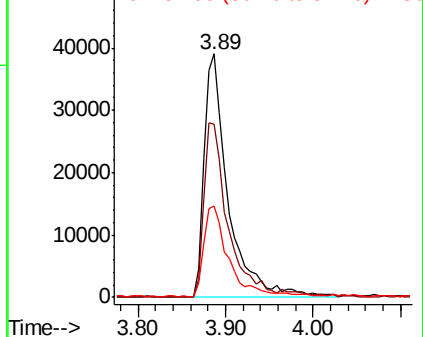
79 100

52 71.0 59.7 89.5

51 37.7 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: 37.774 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

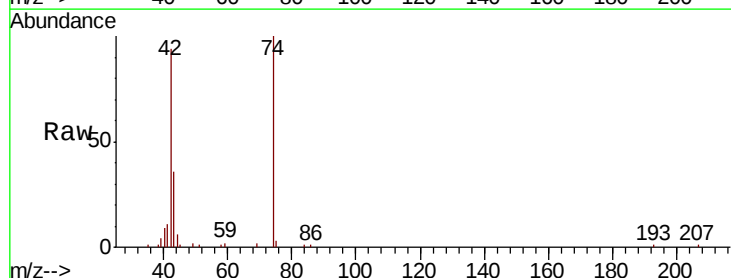
Tgt Ion: 42 Resp: 44099

Ion Ratio Lower Upper

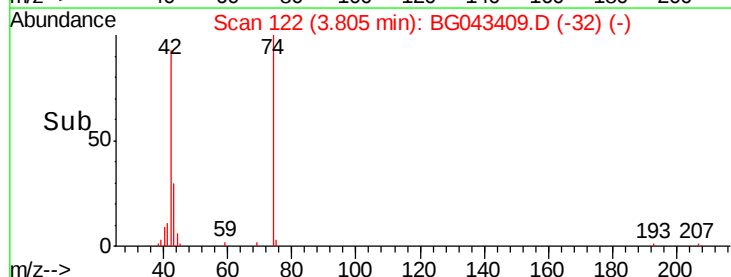
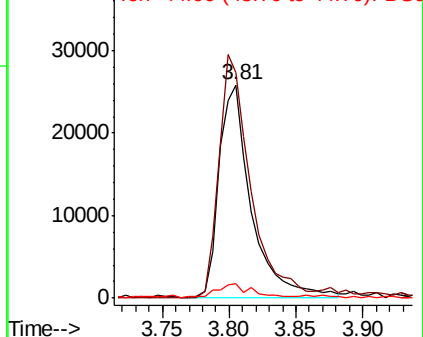
42 100

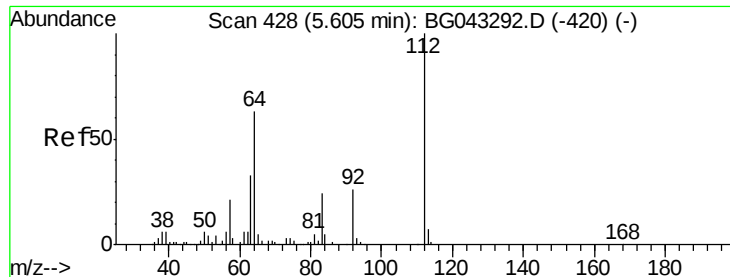
74 106.0 84.2 126.2

44 6.8 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: 93.382 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

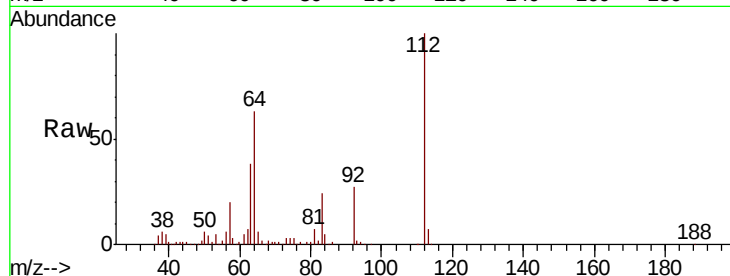
Tot Ion:112 Resp: 219777

Ion Ratio Lower Upper

112 100

64 62.6 50.2 75.2

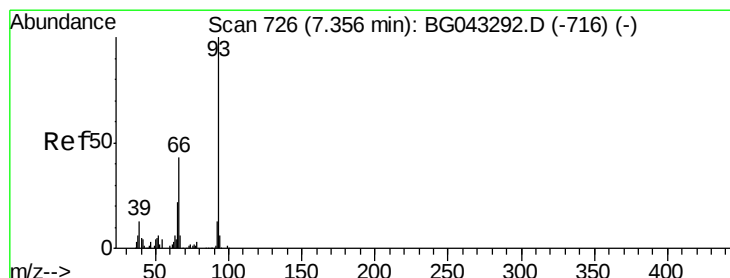
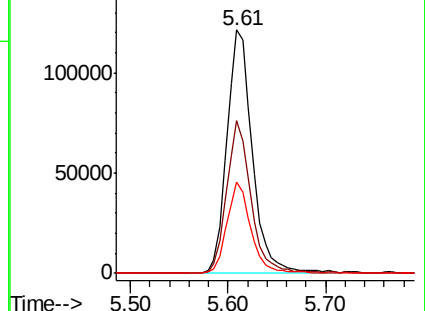
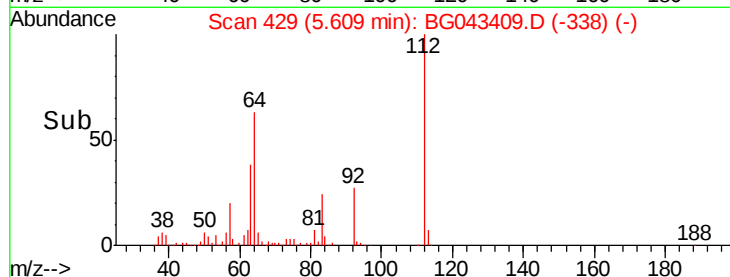
63 37.7 26.7 40.1



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: 22.314 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

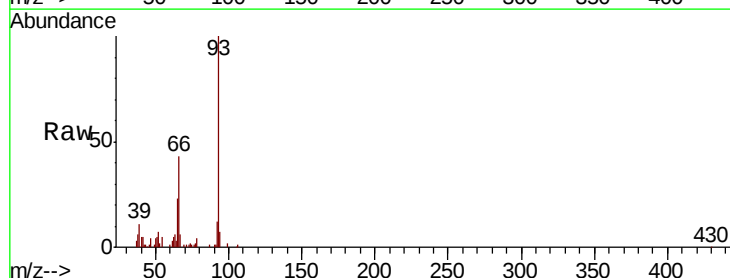
Tgt Ion: 93 Resp: 87039

Ion Ratio Lower Upper

93 100

66 43.4 34.5 51.7

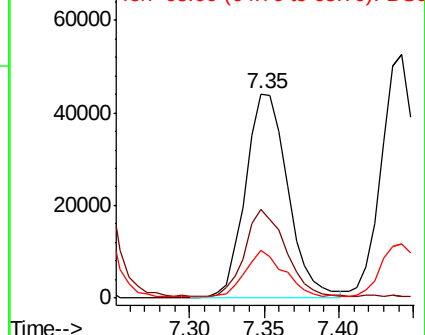
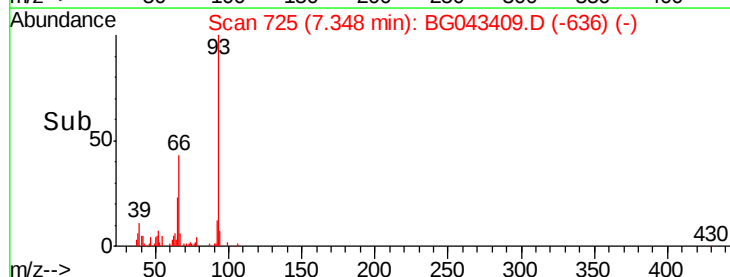
65 23.1 18.0 27.0

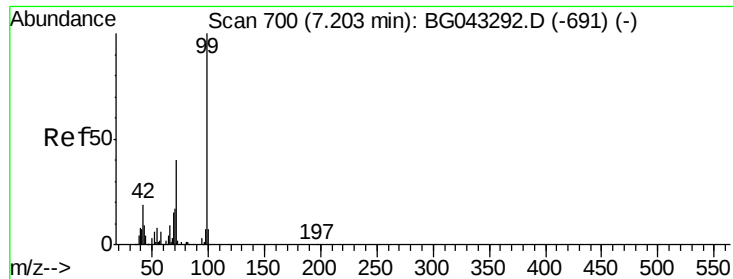


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 93.571 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

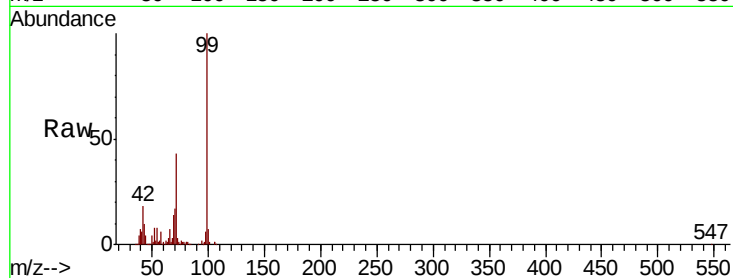
Tot Ion: 99 Resp: 316845

Ion Ratio Lower Upper

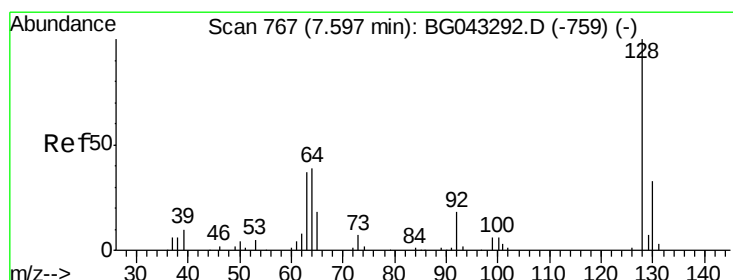
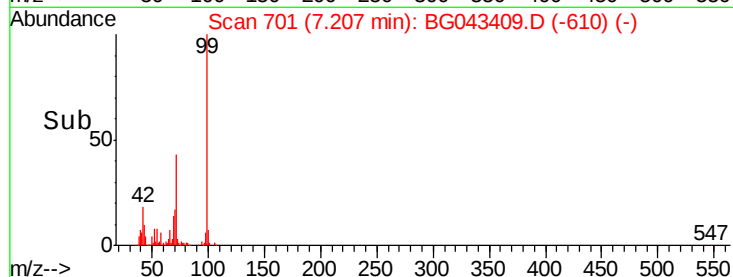
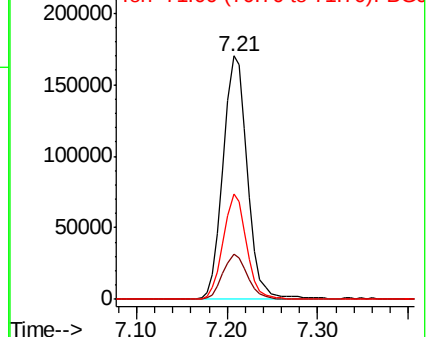
99 100

42 18.4 14.9 22.3

71 43.1 32.2 48.2



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



#8

2-Chlorophenol

Concen: 40.391 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

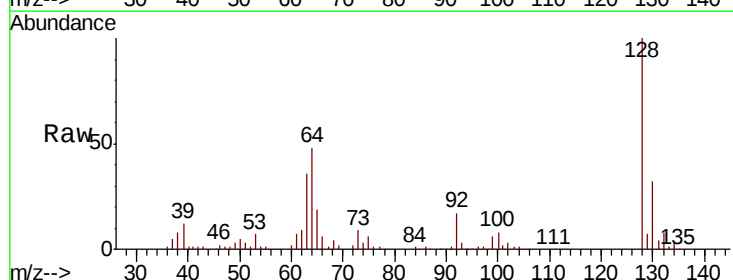
Tgt Ion: 128 Resp: 104937

Ion Ratio Lower Upper

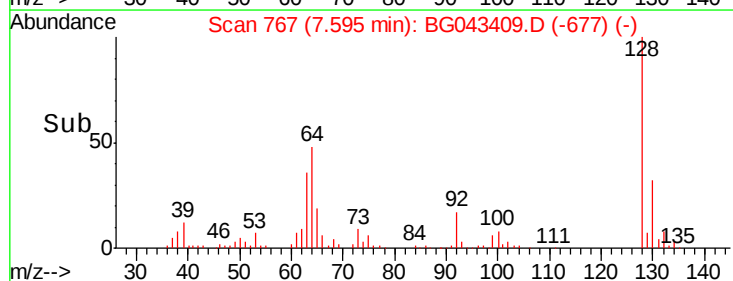
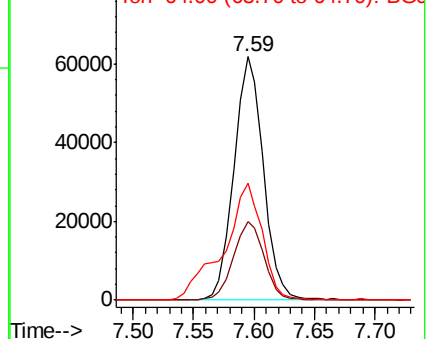
128 100

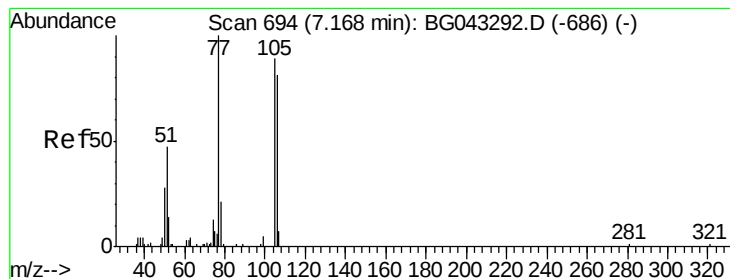
130 32.2 12.9 52.9

64 47.9 24.9 64.9



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





#9

Benzaldehyde

Concen: 33.974 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

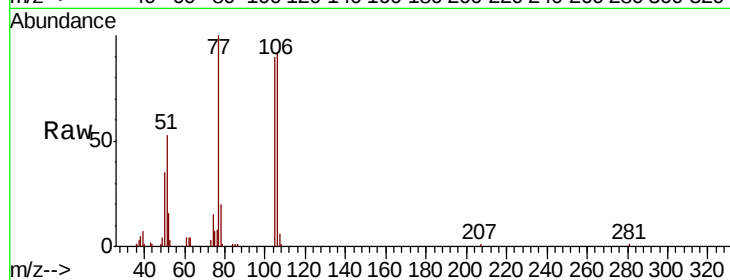
Tot Ion: 77 Resp: 56536

Ion Ratio Lower Upper

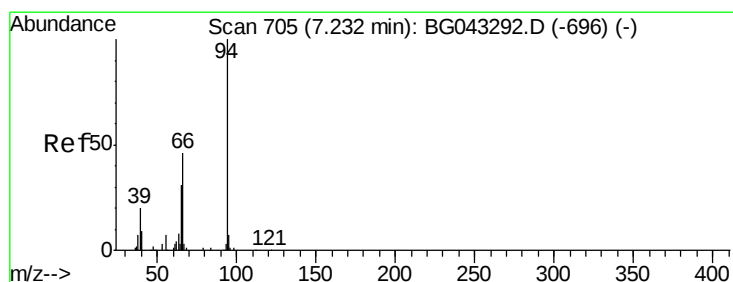
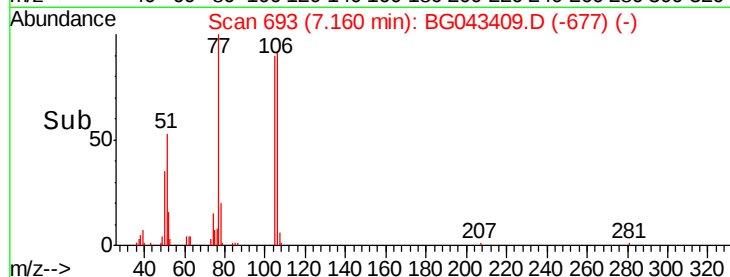
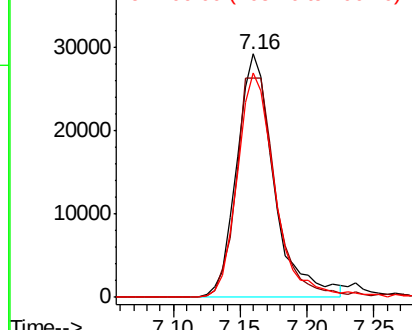
77 100

105 90.3 68.7 108.7

106 91.9 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: 45.718 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

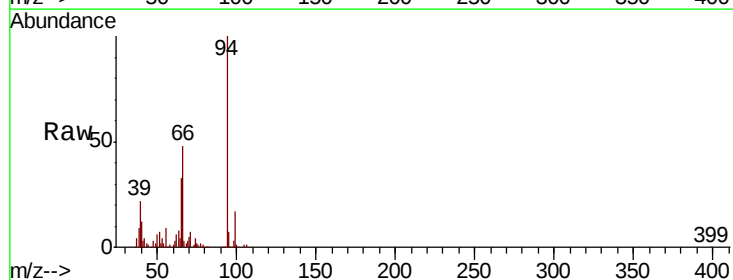
Tgt Ion: 94 Resp: 141464

Ion Ratio Lower Upper

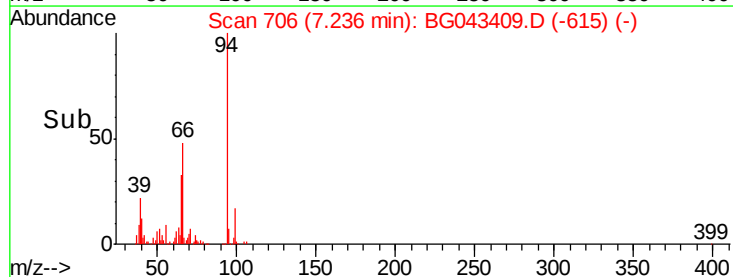
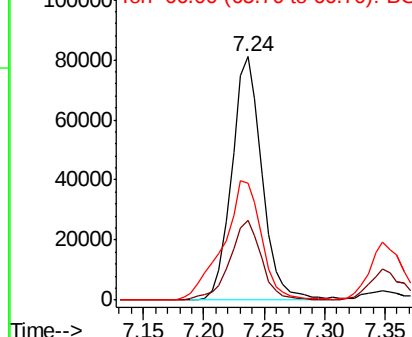
94 100

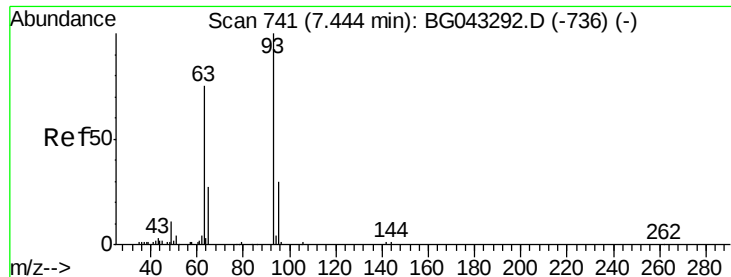
65 33.0 11.1 51.1

66 48.0 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

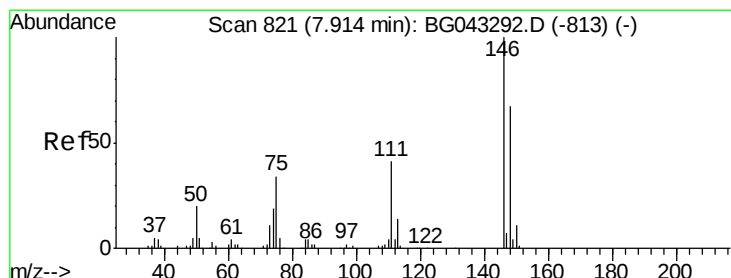
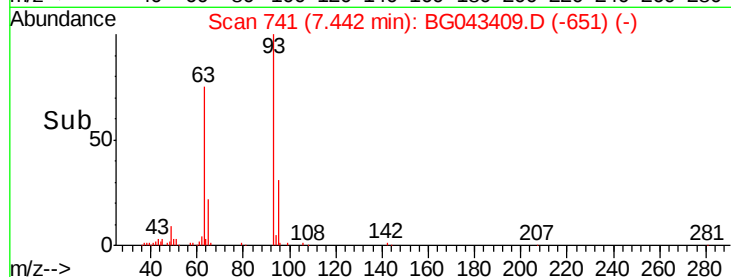
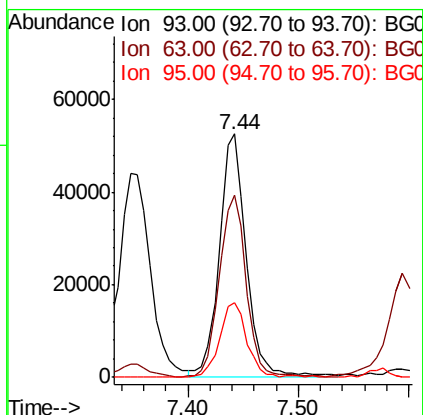
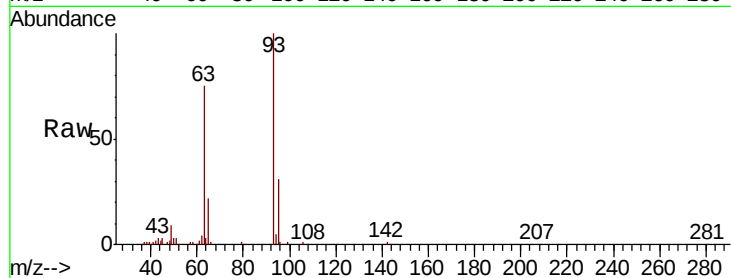




#11
bis(2-Chloroethyl)ether
Concen: 37.255 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

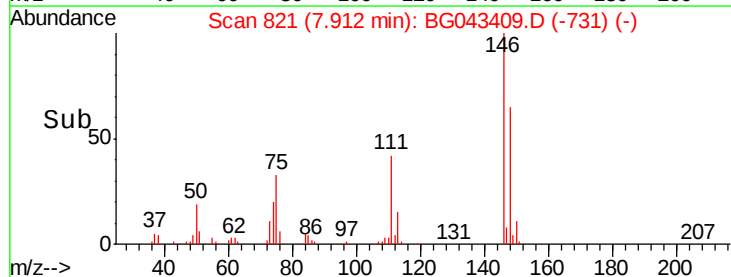
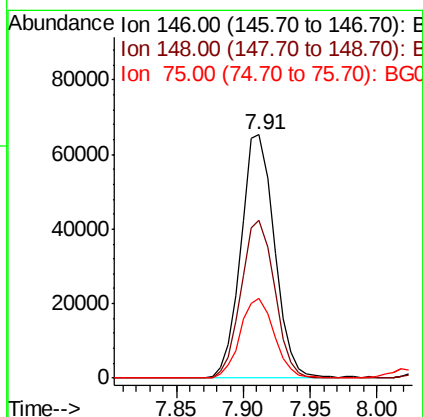
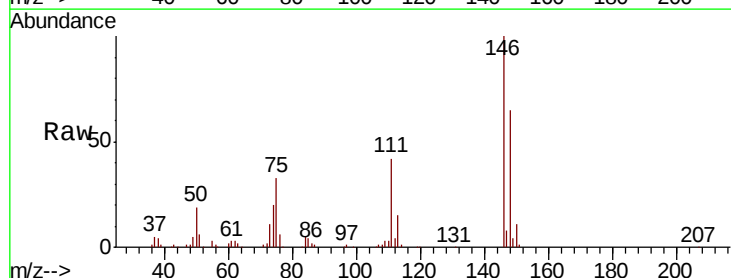
Instrument :
BNA_G
ClientSampleId :

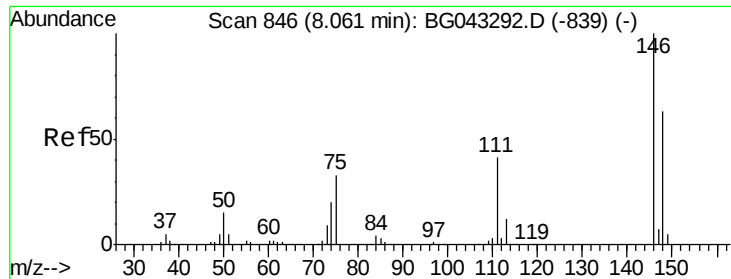
Tot Ion: 93 Resp: 89126
Ion Ratio Lower Upper
93 100
63 74.8 54.6 94.6
95 30.8 9.7 49.7



#12
1,3-Dichlorobenzene
Concen: 34.931 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion: 146 Resp: 113704
Ion Ratio Lower Upper
146 100
148 65.0 53.4 80.2
75 32.5 27.0 40.4

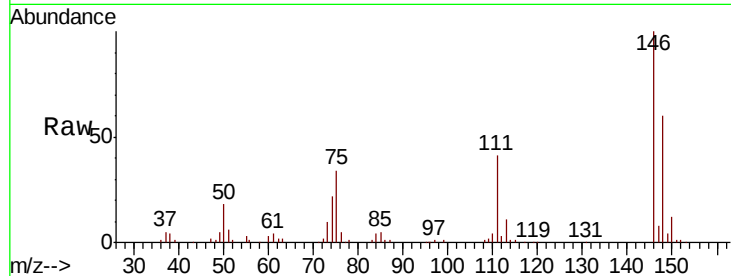




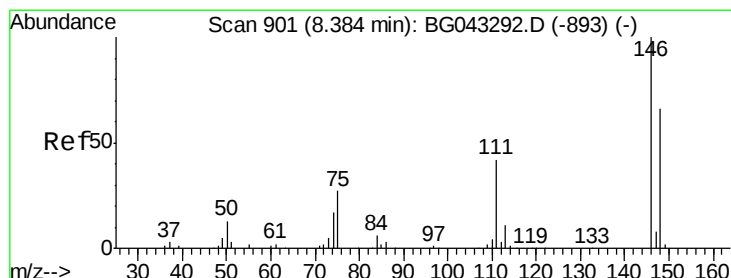
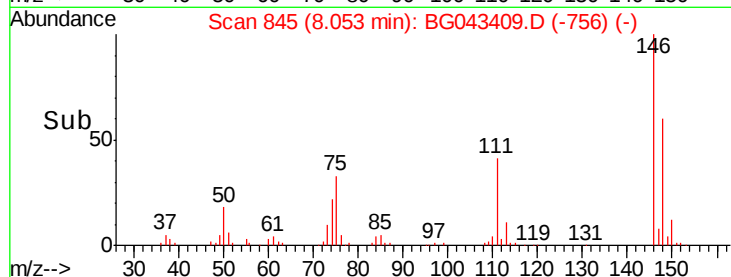
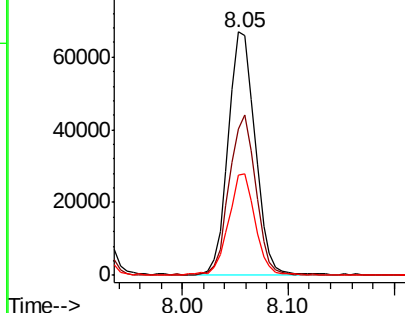
#13
 1,4-Dichlorobenzene
 Concen: 35.912 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG043409.D
 Acq: 30 Oct 2019 20:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 118270
 Ion Ratio Lower Upper
 146 100
 148 59.9 50.7 76.1
 111 41.3 33.0 49.6

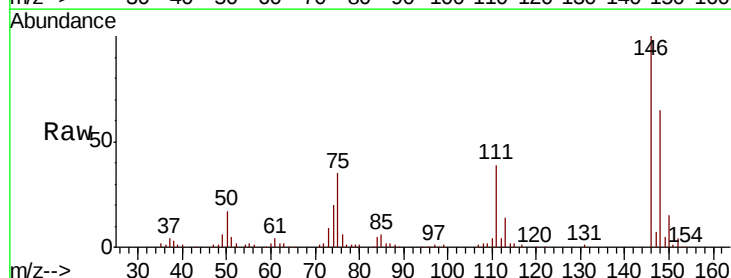


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

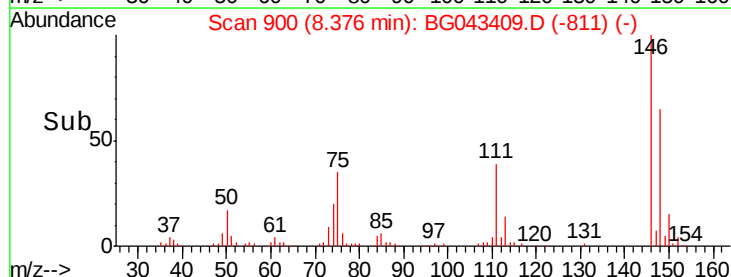
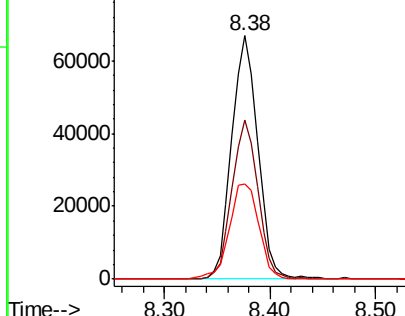


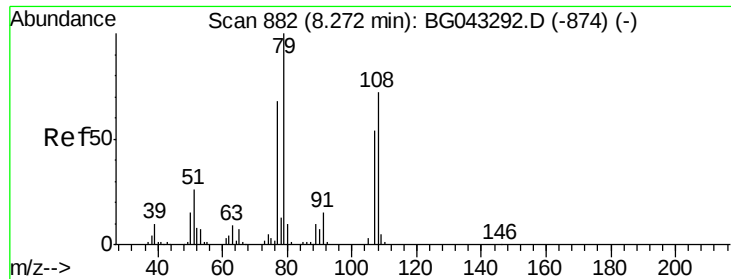
#14
 1,2-Dichlorobenzene
 Concen: 35.634 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043409.D
 Acq: 30 Oct 2019 20:33

Tgt Ion:146 Resp: 114585
 Ion Ratio Lower Upper
 146 100
 148 65.2 53.0 79.4
 111 39.1 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: 39.063 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

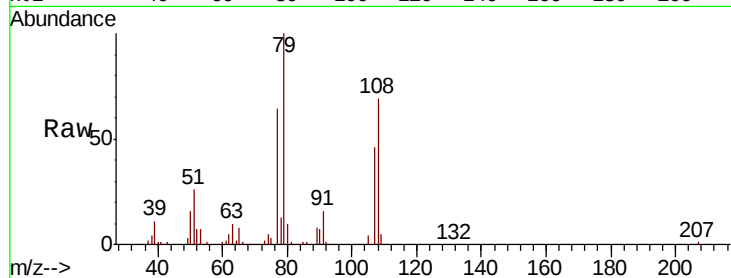
Tot Ion: 79 Resp: 92895

Ion Ratio Lower Upper

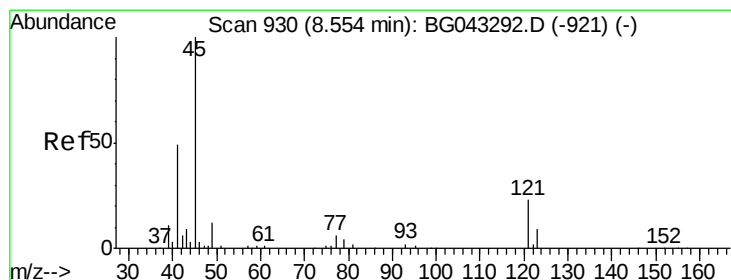
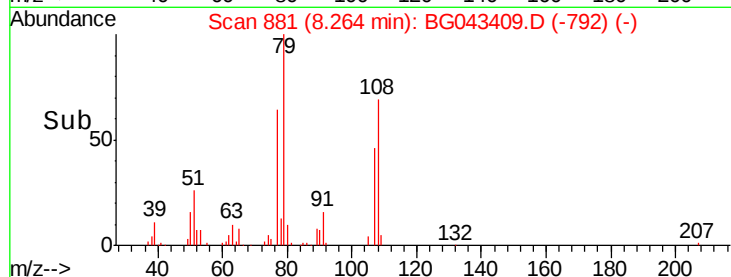
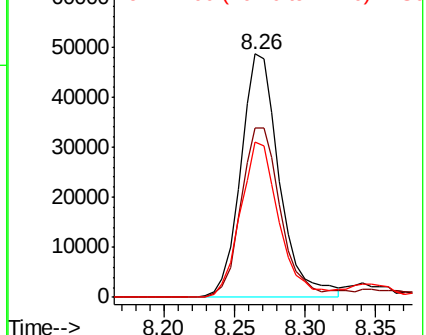
79 100

108 69.3 57.3 85.9

77 63.9 54.6 81.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.763 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

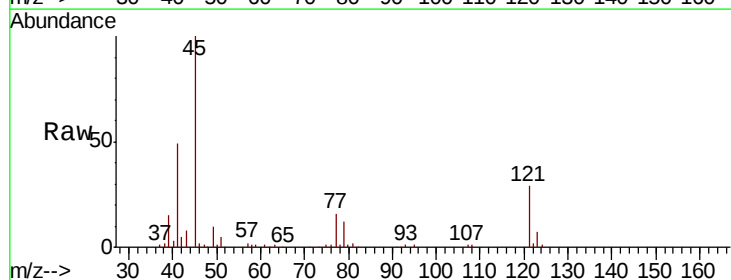
Tgt Ion: 45 Resp: 120926

Ion Ratio Lower Upper

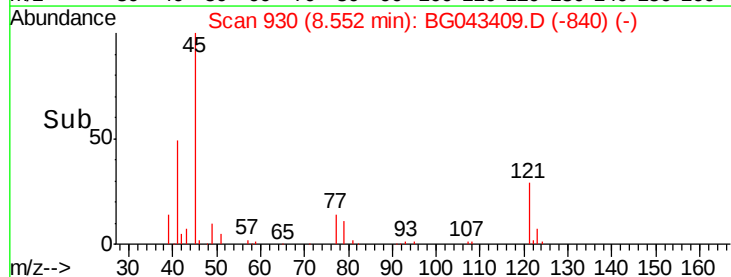
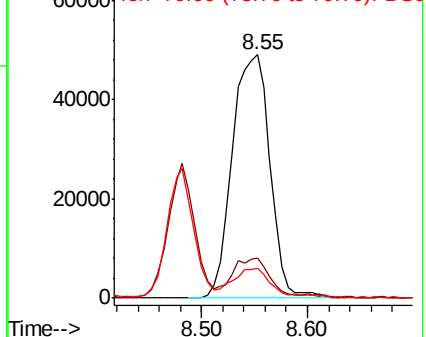
45 100

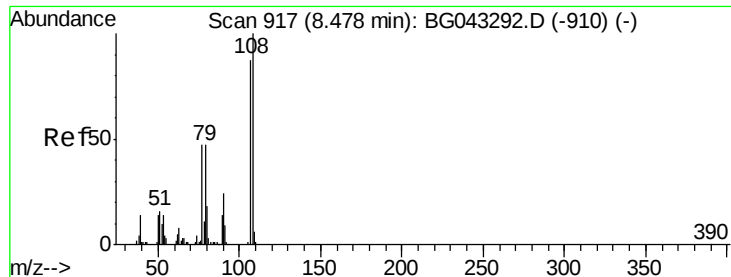
77 16.2 0.0 34.2

79 12.0 0.0 32.3



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





#17

2-Methylphenol

Concen: 39.272 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 88587

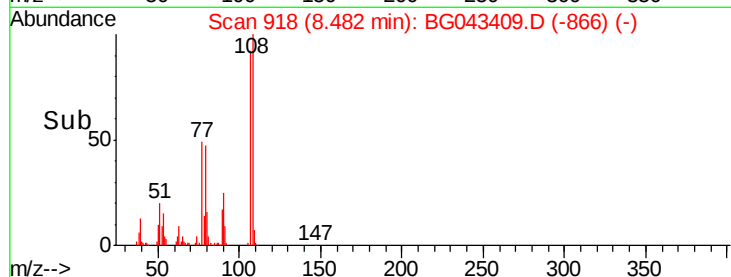
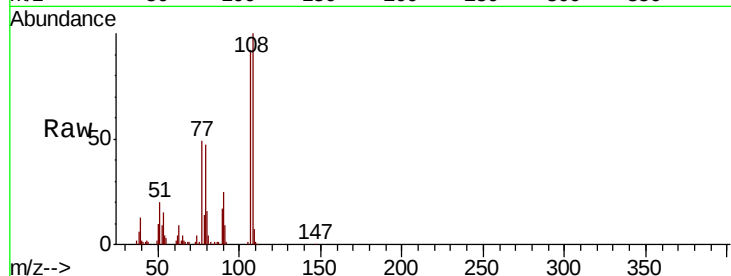
Ion Ratio Lower Upper

107 100

108 108.4 91.3 136.9

77 53.4 43.0 64.6

79 51.4 43.4 65.2



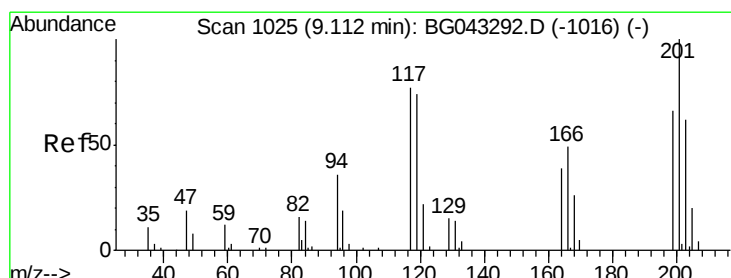
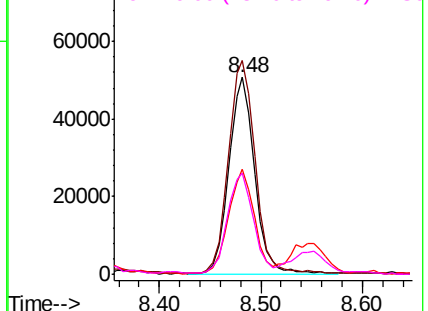
Abundance

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: 34.993 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

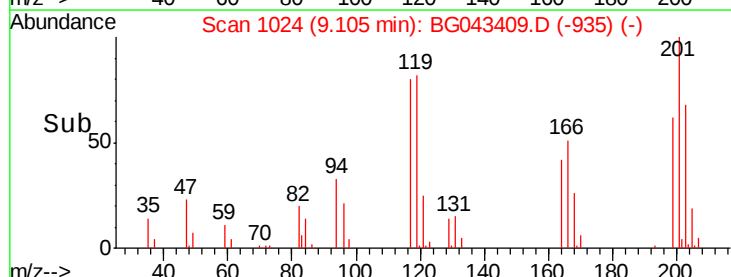
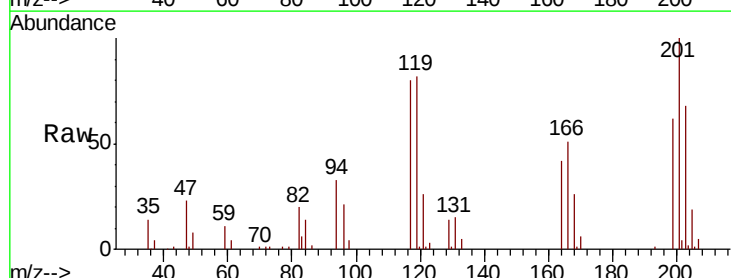
Tgt Ion:117 Resp: 41579

Ion Ratio Lower Upper

117 100

119 104.1 77.3 115.9

201 125.8 104.2 156.4

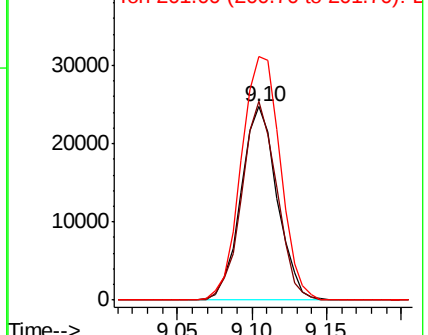


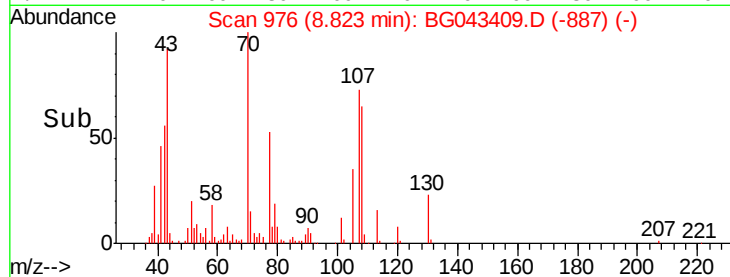
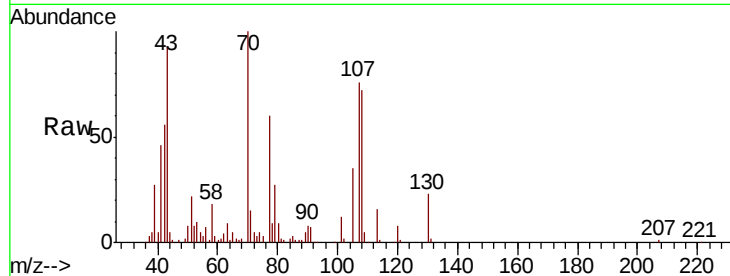
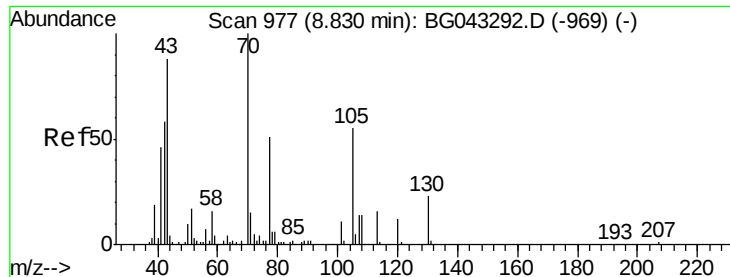
Abundance

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

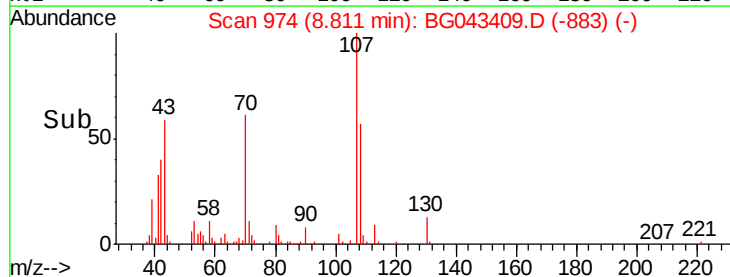
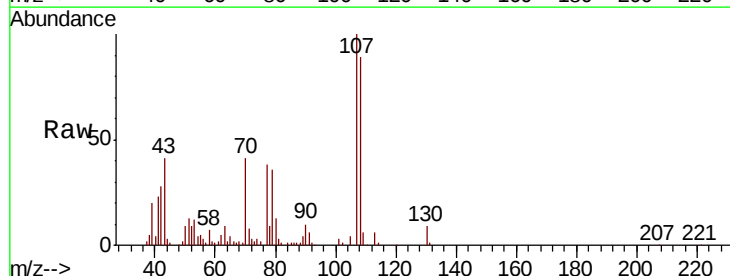
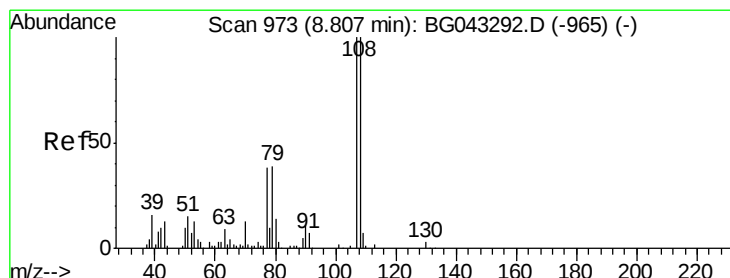
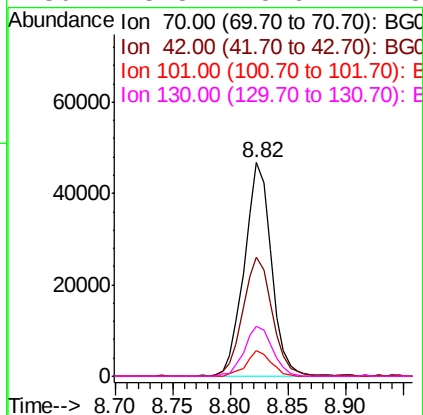




#19
n-Nitroso-di-n-propylamine
Concen: 34.949 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

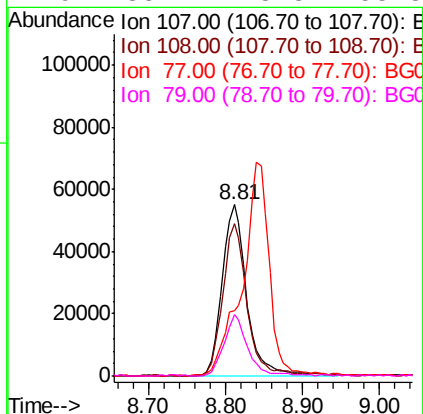
Instrument :
BNA_G
ClientSampleId :

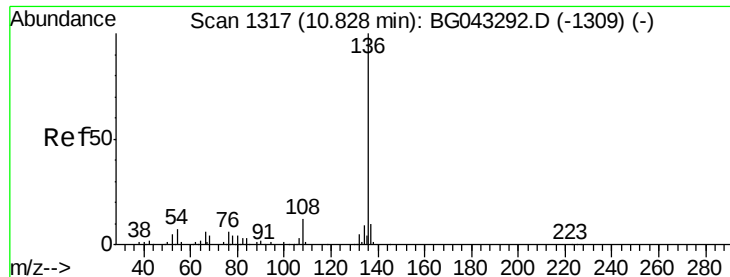
Tot Ion:	70	Resp:	76470
Ion	Ratio	Lower	Upper
70	100		
42	55.9	46.2	69.2
101	12.0	8.6	13.0
130	23.3	18.6	27.8



#20
3+4-Methylphenols
Concen: 39.773 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion:	107	Resp:	123024
Ion	Ratio	Lower	Upper
107	100		
108	89.2	80.3	120.3
77	38.4	18.2	58.2
79	35.7	18.8	58.8

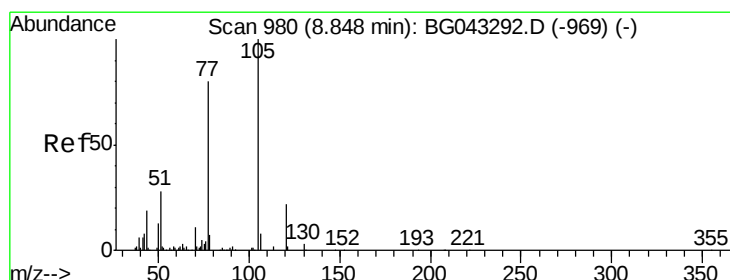
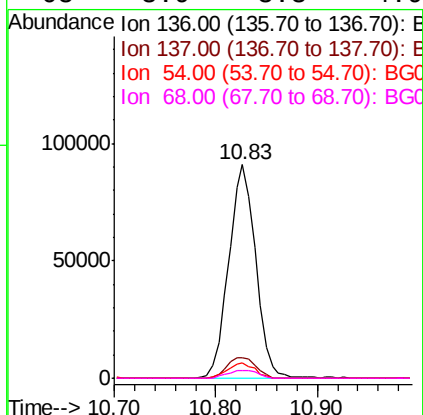
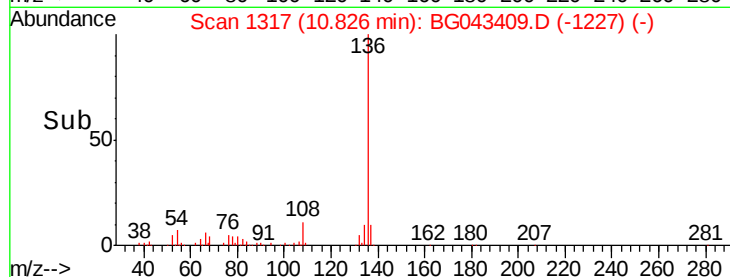
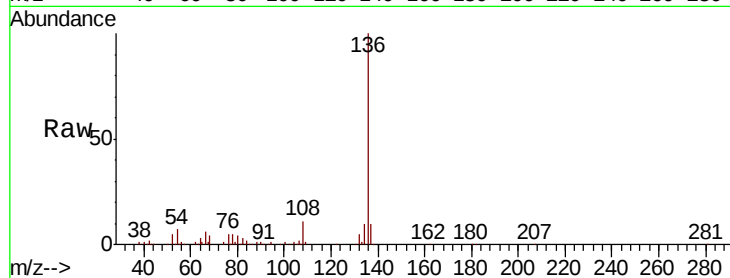




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

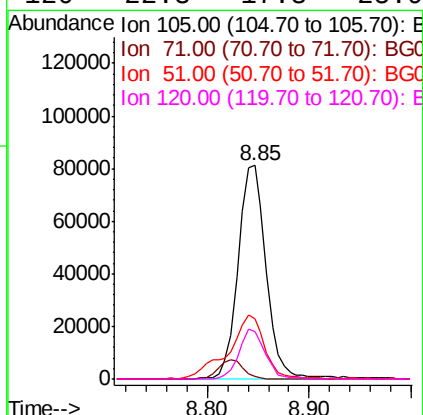
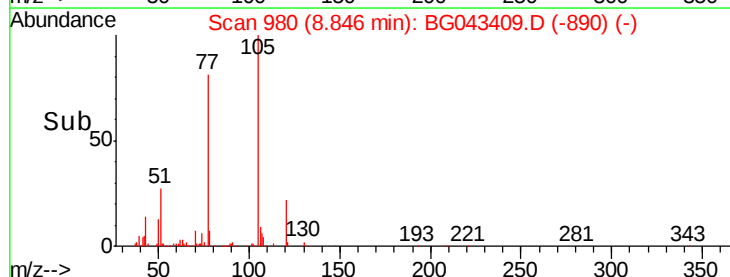
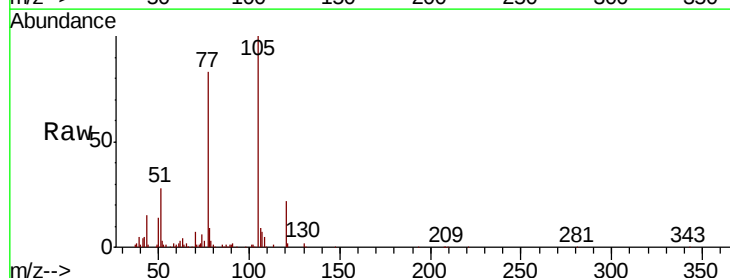
Instrument :
BNA_G
ClientSampleId :

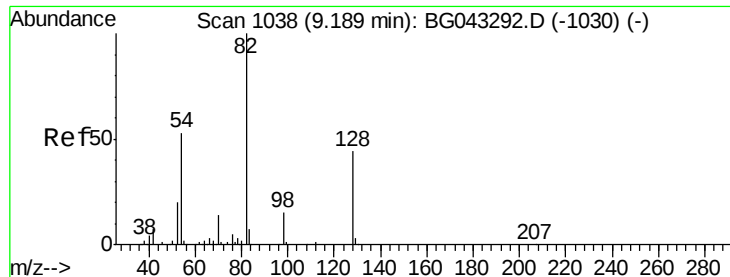
Tot Ion:136	Resp: 167755
Ion Ratio	Lower Upper
136 100	
137 9.6	8.2 12.2
54 7.3	5.4 8.2
68 3.9	3.3 4.9



#22
Acetophenone
Concen: 36.296 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt	Ion:105	Resp:	155928
Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.5	2.3#
51	28.1	23.9	35.9
120	22.3	17.3	25.9

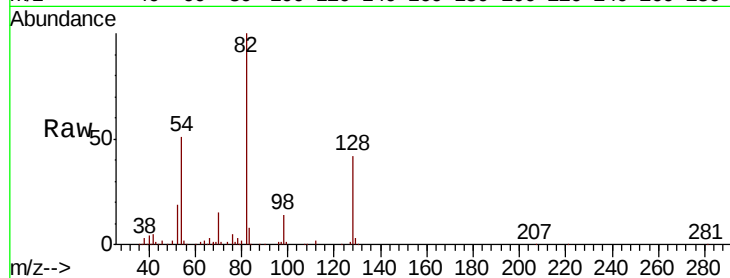




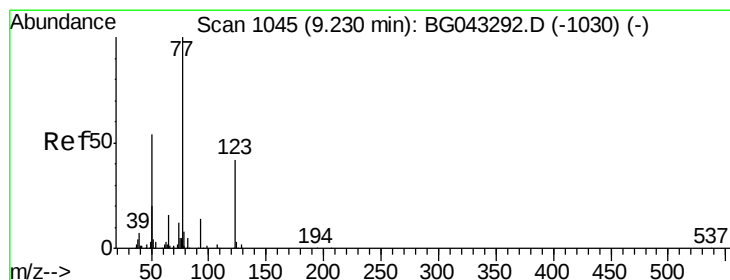
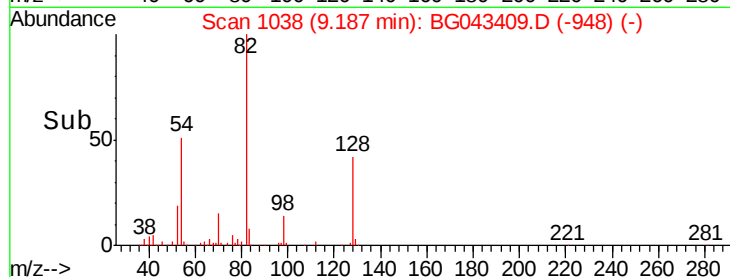
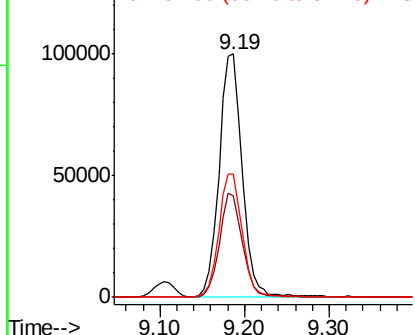
#23
Nitrobenzene-d5
Concen: 58.021 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	188798
Ion Ratio	Lower	Upper	
82	100		
128	41.8	35.3	52.9
54	50.7	42.3	63.5

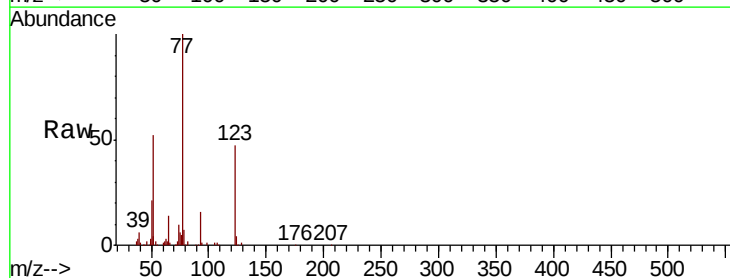


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

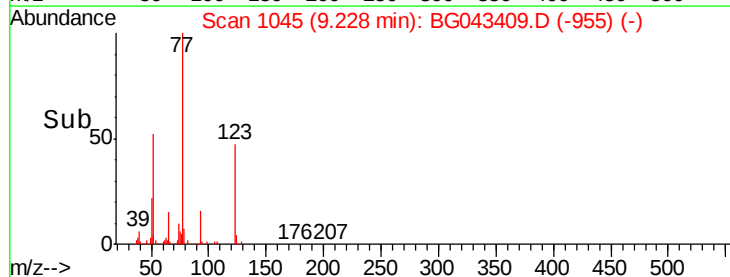
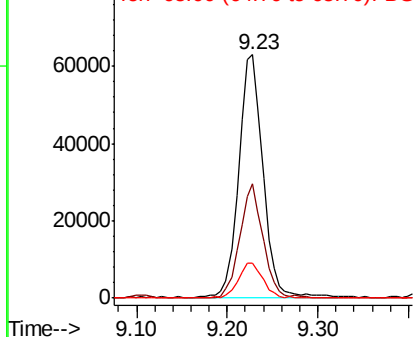


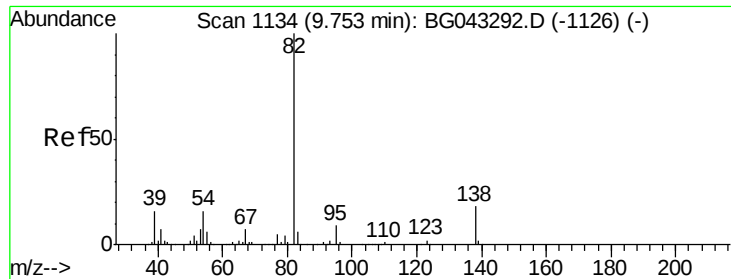
#24
Nitrobenzene
Concen: 37.570 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion	77	Resp	116456
Ion Ratio	Lower	Upper	
77	100		
123	47.0	33.8	50.8
65	14.5	13.0	19.4



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





#25

Isophorone

Concen: 37.105 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

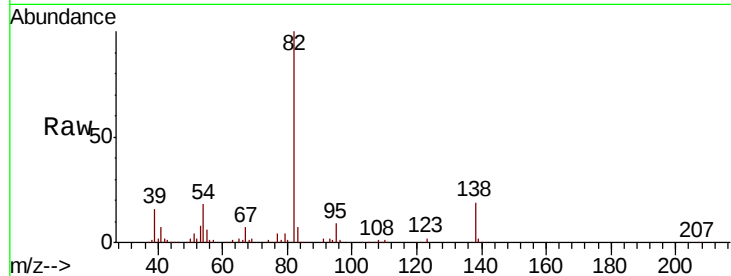
Tot Ion: 82 Resp: 220743

Ion Ratio Lower Upper

82 100

95 8.5 6.9 10.3

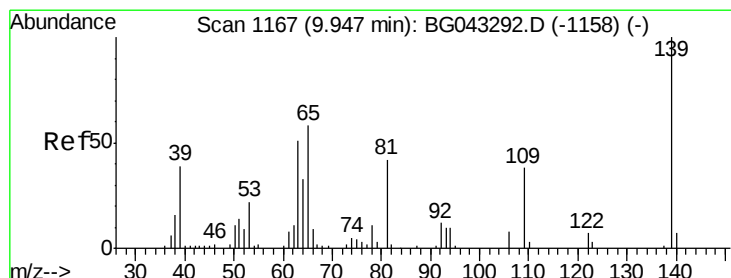
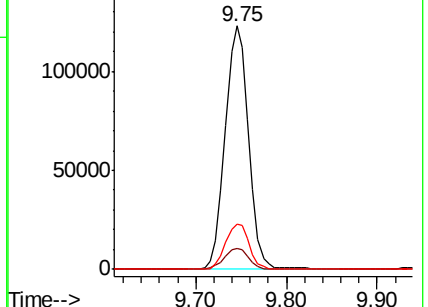
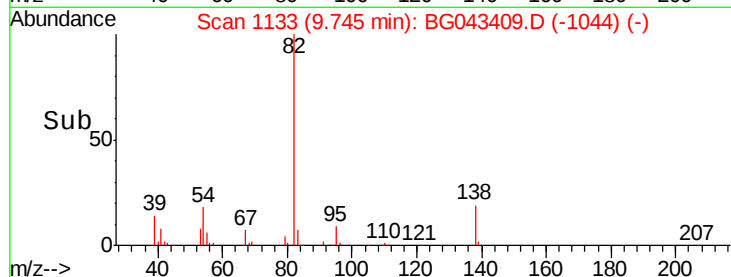
138 18.6 14.2 21.2



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

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

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



#26

2-Nitrophenol

Concen: 40.116 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

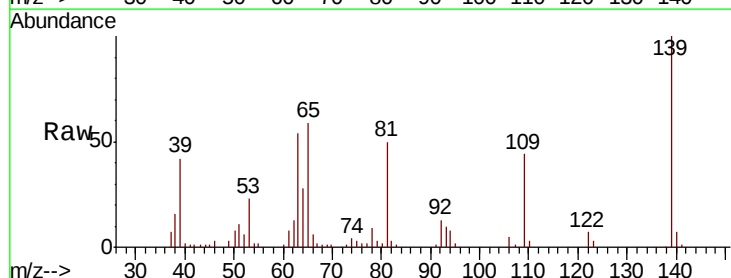
Tgt Ion: 139 Resp: 60034

Ion Ratio Lower Upper

139 100

109 44.1 30.1 45.1

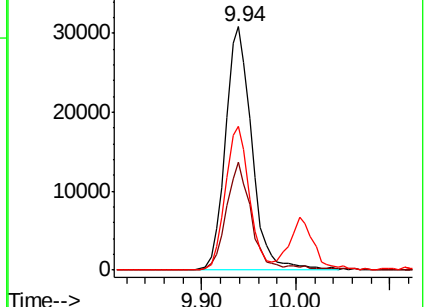
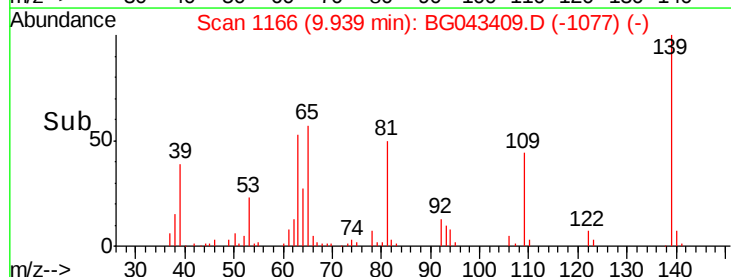
65 59.1 46.1 69.1

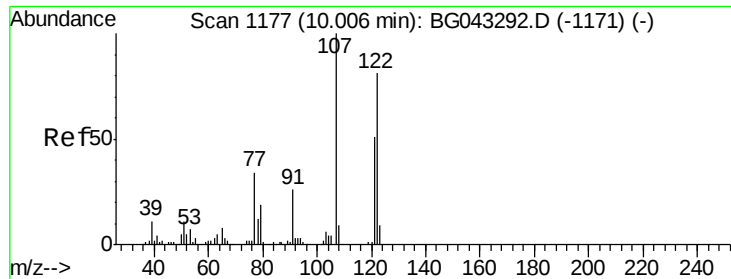


Abundance Ion 139.00 (138.70 to 139.70): BG043292.D (-1158) (-)

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

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

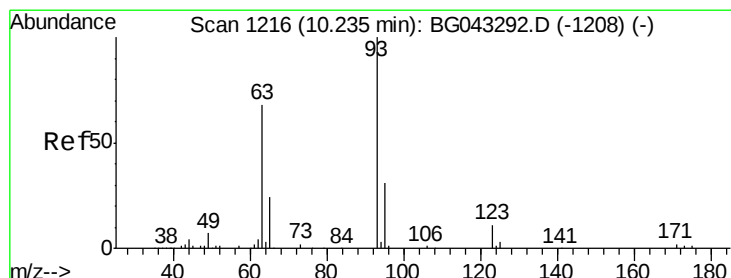
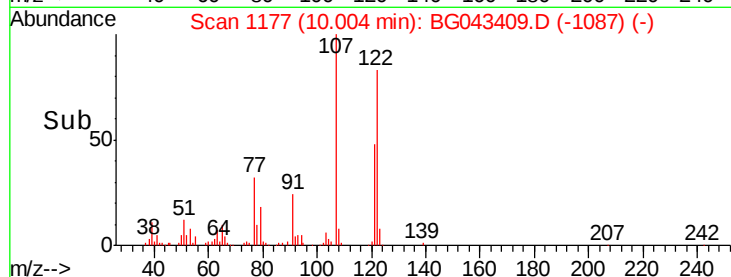
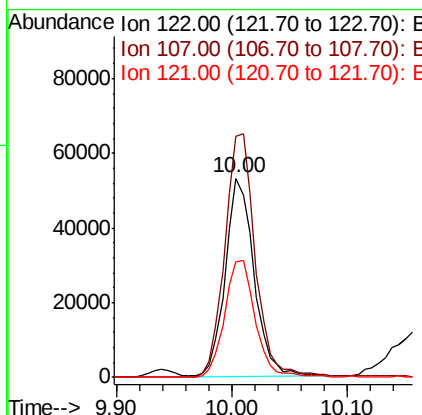
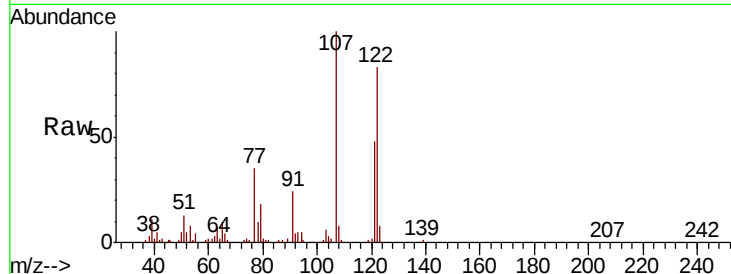




#27
 2,4-Dimethylphenol
 Concen: 42.966 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG043409.D
 Acq: 30 Oct 2019 20:33

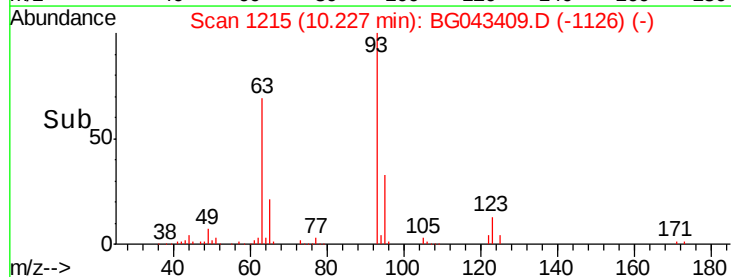
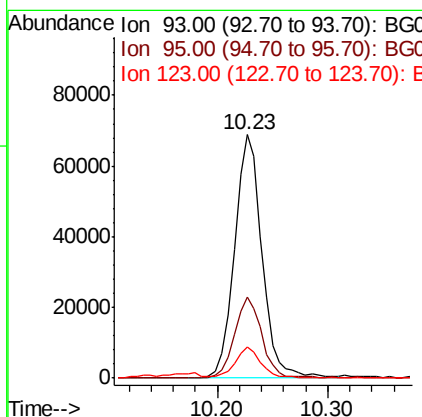
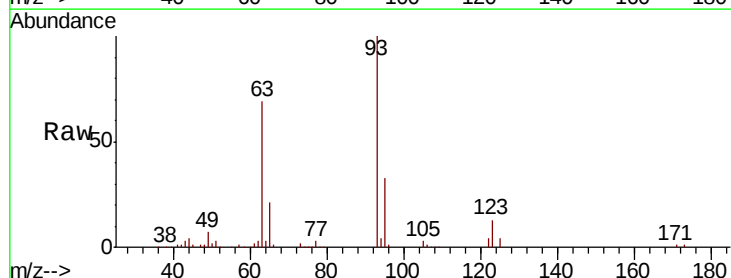
Instrument :
 BNA_G
 ClientSampled :

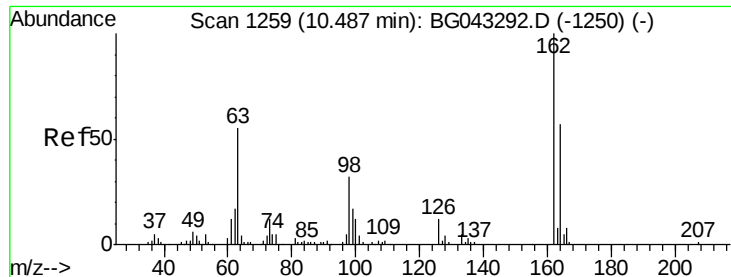
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.8	98.6	147.8
121	58.2	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.500 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043409.D
 Acq: 30 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	24.9	37.3
123	12.8	8.9	13.3

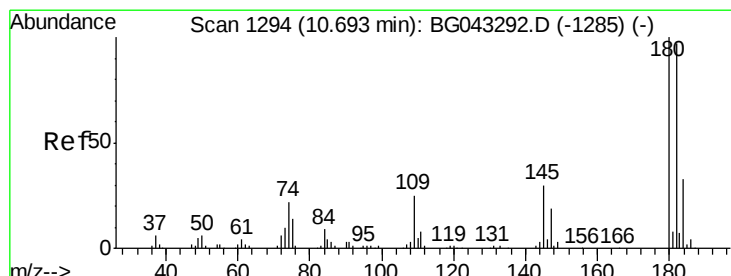
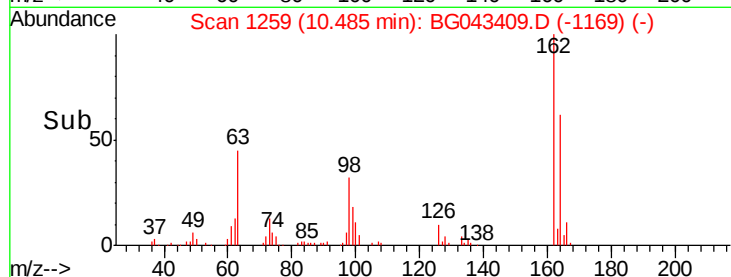
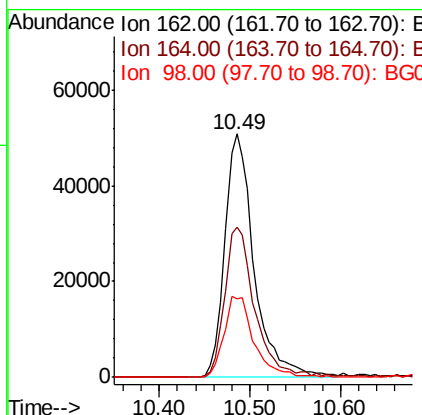
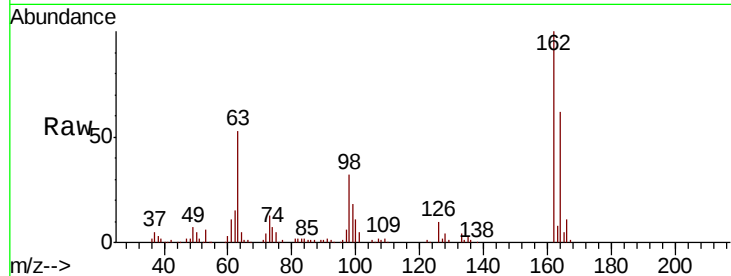




#29
2,4-Dichlorophenol
Concen: 41.604 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

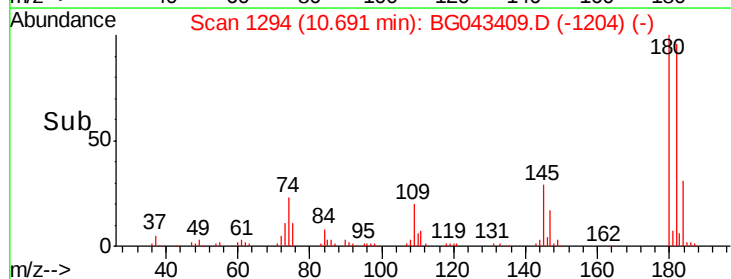
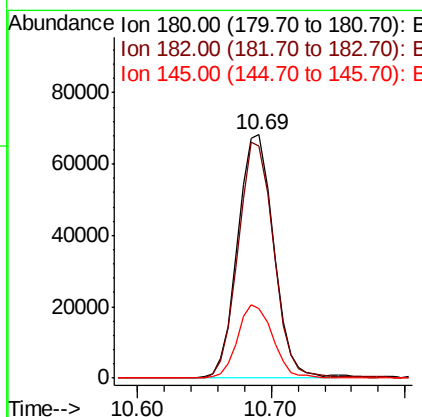
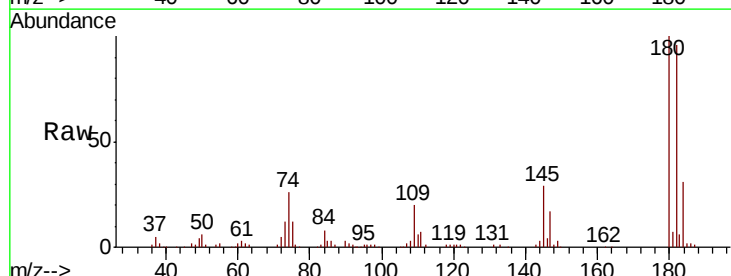
Instrument :
BNA_G
ClientSampleId :

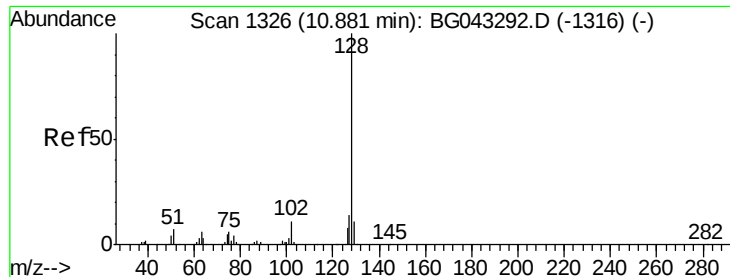
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	37.3	77.3
98	32.1	11.8	51.8



#30
1,2,4-Trichlorobenzene
Concen: 36.807 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.8	116.8
145	28.7	23.6	35.4

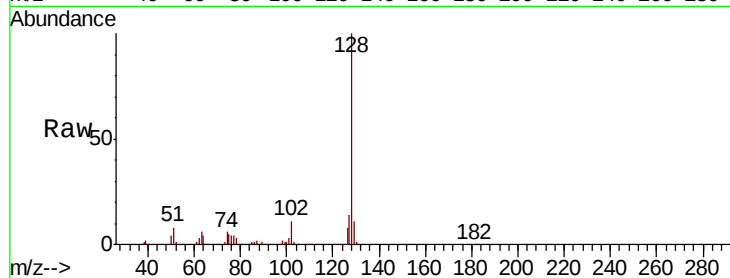




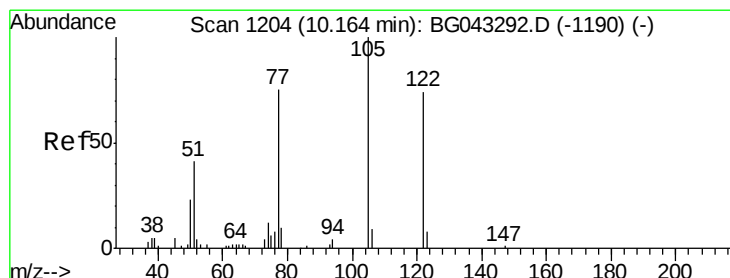
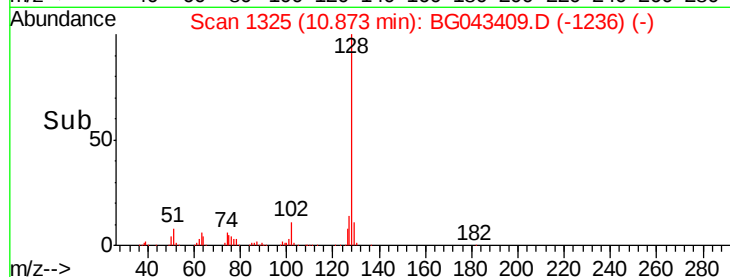
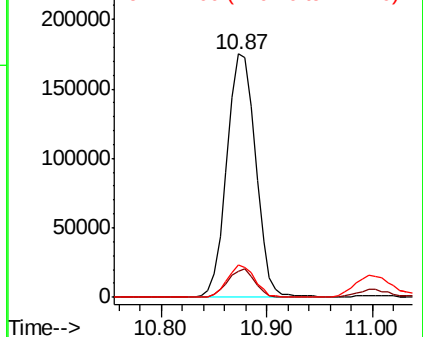
#31
Naphthalene
Concen: 38.850 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 330818
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.6 11.5 17.3

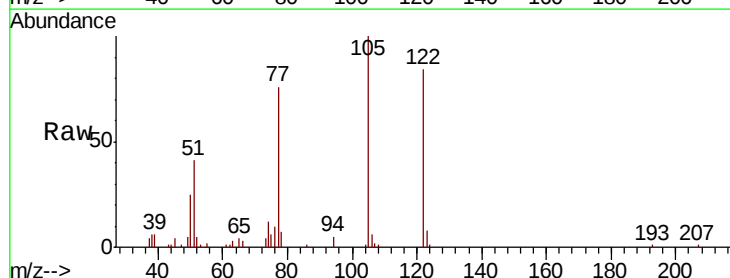


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

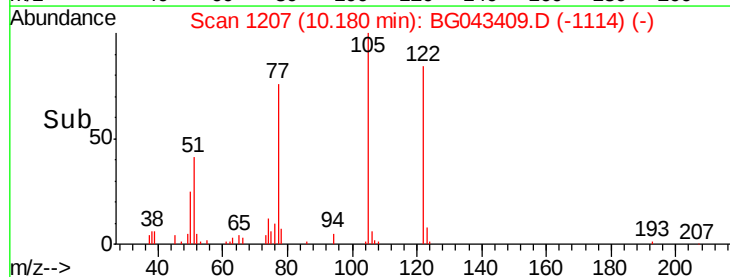
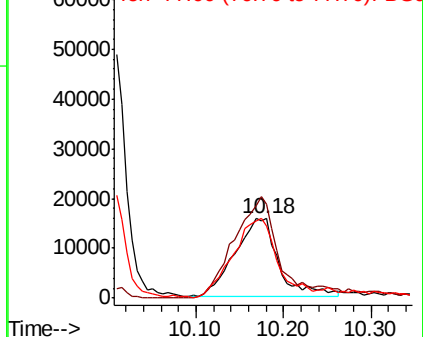


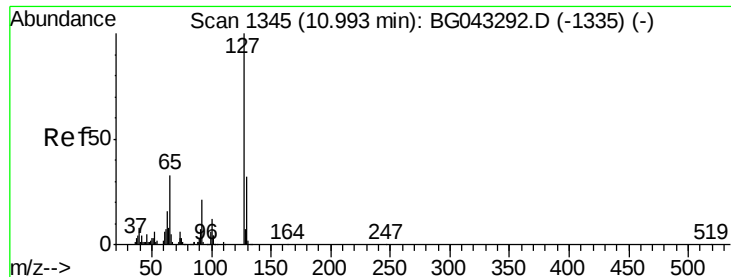
#32
Benzoic acid
Concen: 35.679 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion:122 Resp: 53745
Ion Ratio Lower Upper
122 100
105 118.4 112.4 152.4
77 90.3 82.7 122.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

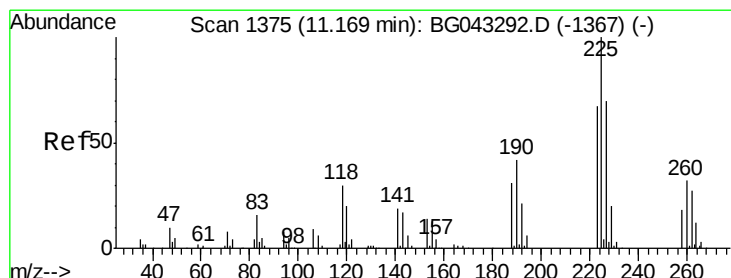
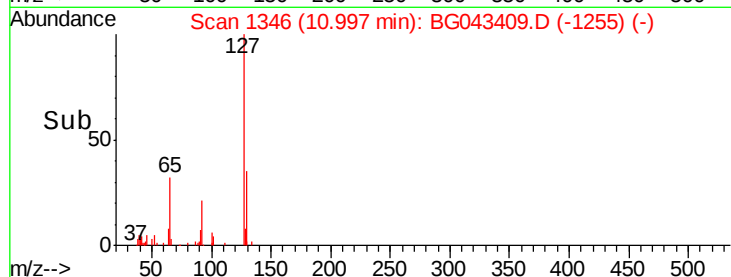
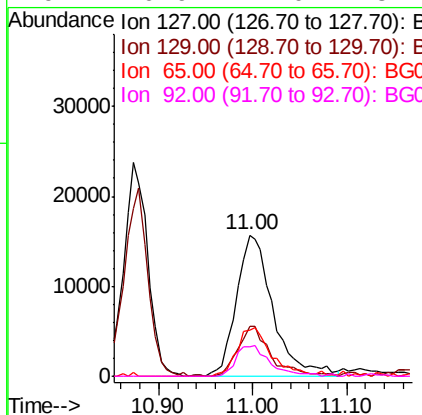
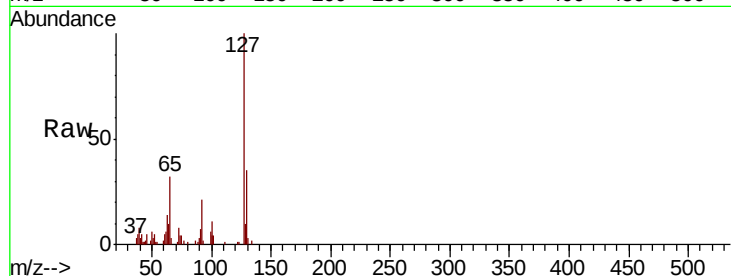




#33
4-Chloroaniline
Concen: 12.209 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

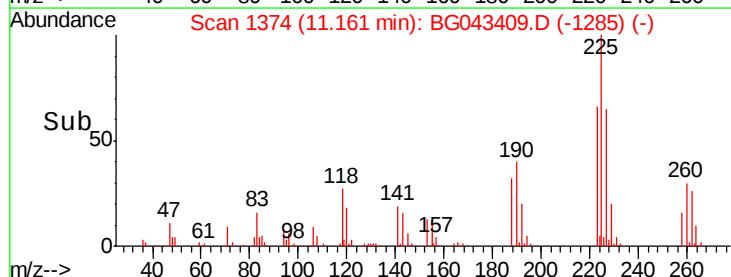
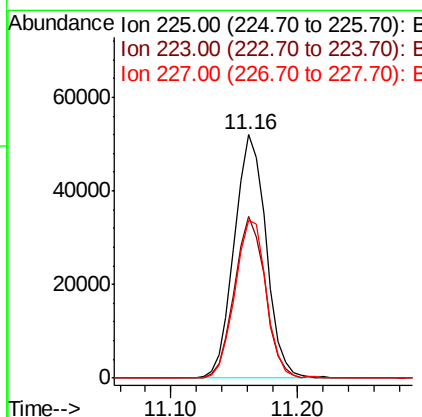
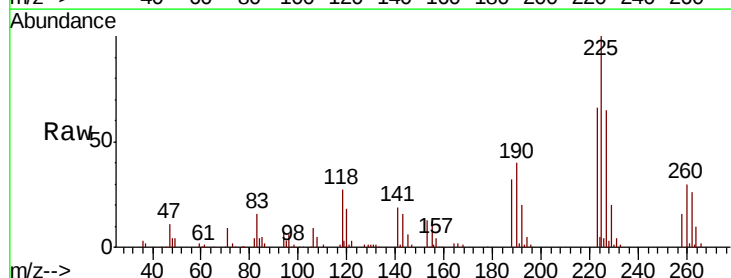
Instrument :
BNA_G
ClientSampleId :

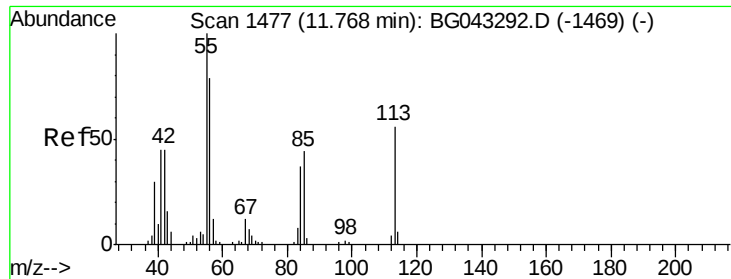
Tot Ion:127	Resp:	42616
Ion Ratio	Lower	Upper
127	100	
129	35.0	25.8 38.8
65	32.3	26.2 39.2
92	20.9	17.0 25.4



#34
Hexachlorobutadiene
Concen: 35.284 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion:225	Resp:	90344
Ion Ratio	Lower	Upper
225	100	
223	66.5	53.2 79.8
227	64.7	56.2 84.2





#35

Caprolactam

Concen: 23.083 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

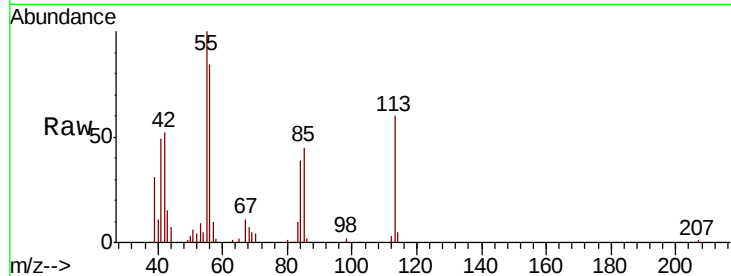
Tot Ion:113 Resp: 21848

Ion Ratio Lower Upper

113 100

55 167.1 158.9 198.9

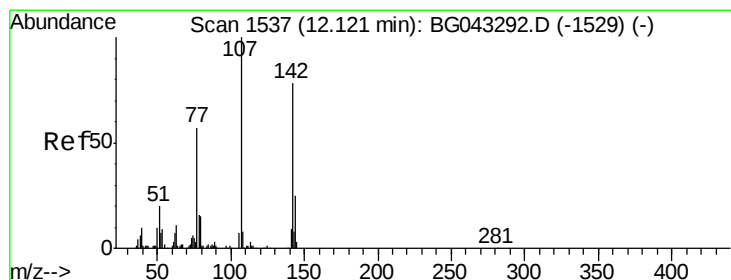
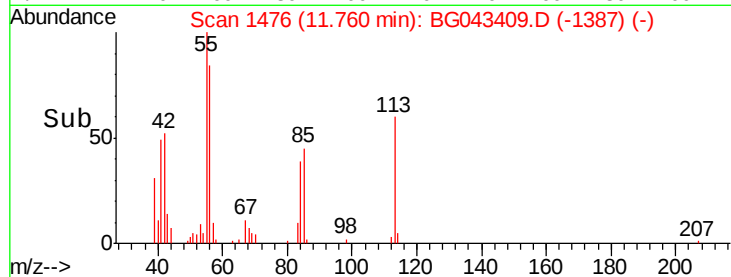
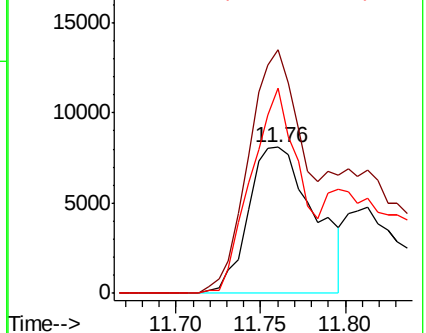
56 140.9 121.4 161.4



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: 40.442 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

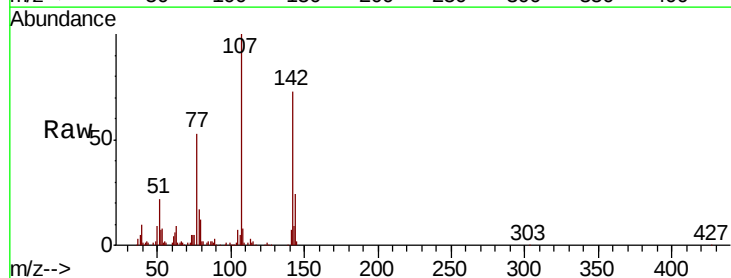
Tgt Ion:107 Resp: 121233

Ion Ratio Lower Upper

107 100

144 24.0 19.9 29.9

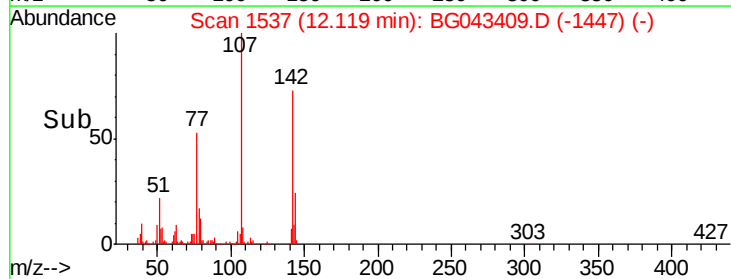
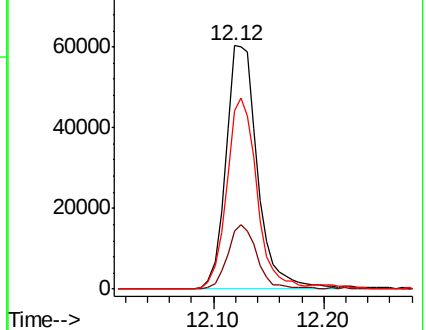
142 73.5 62.1 93.1

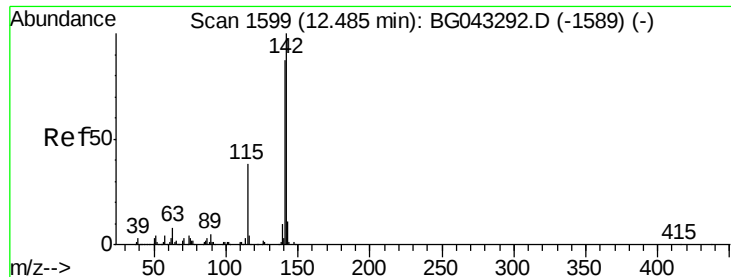


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

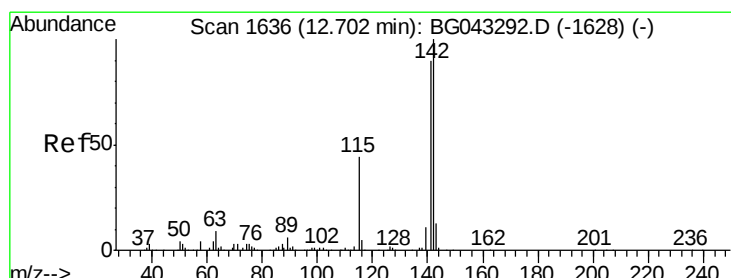
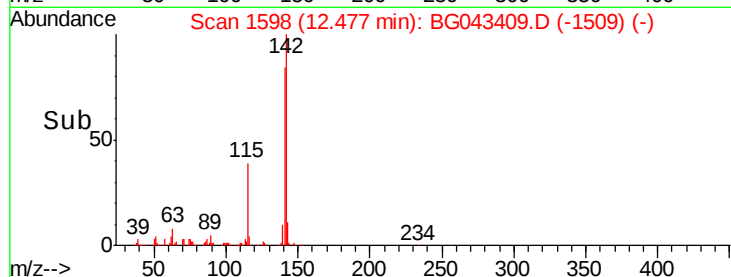
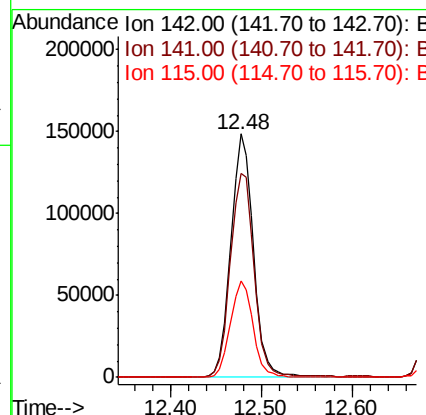
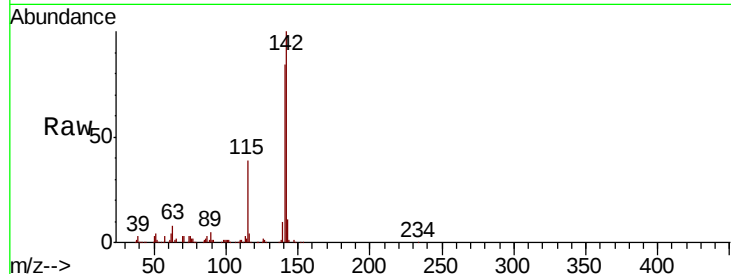




#37
2-Methylnaphthalene
Concen: 39.448 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

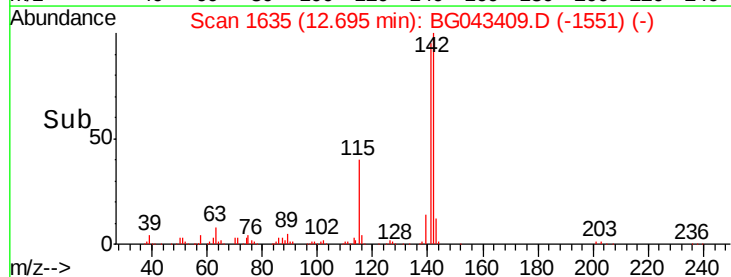
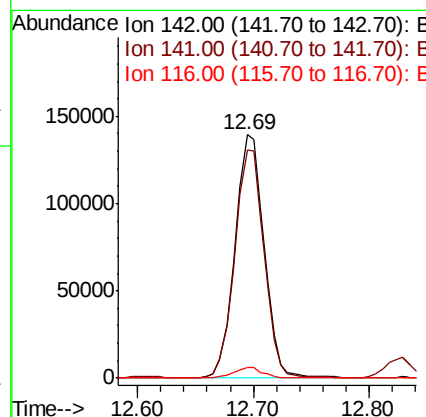
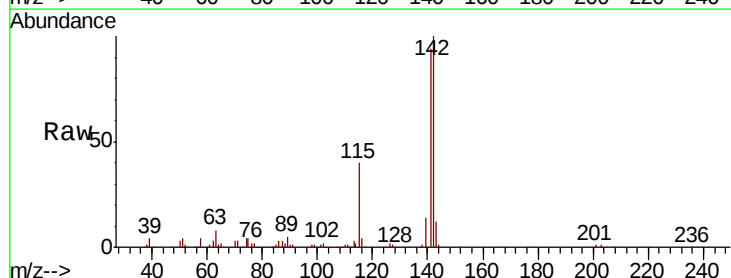
Instrument :
BNA_G
ClientSampleId :

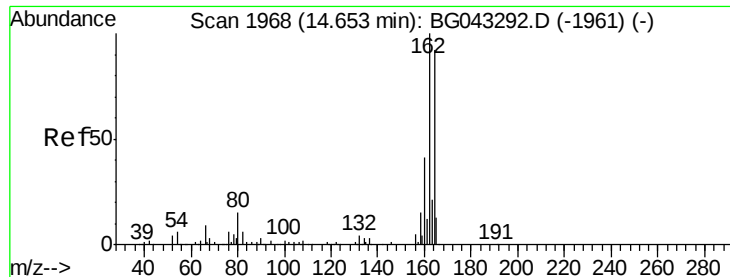
Tot Ion	Ratio	Lower	Upper
142	100		
141	83.9	69.7	104.5
115	39.4	30.6	46.0



#38
1-Methylnaphthalene
Concen: 38.717 ng
RT: 12.69 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	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: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

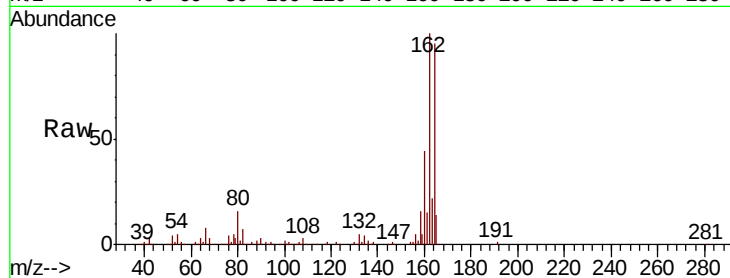
Tot Ion:164 Resp: 118191

Ion Ratio Lower Upper

164 100

162 104.9 87.0 130.4

160 46.3 35.5 53.3

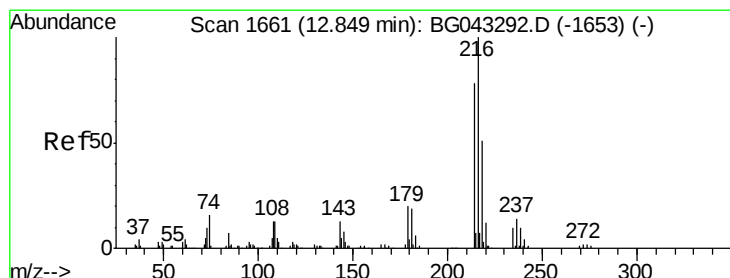
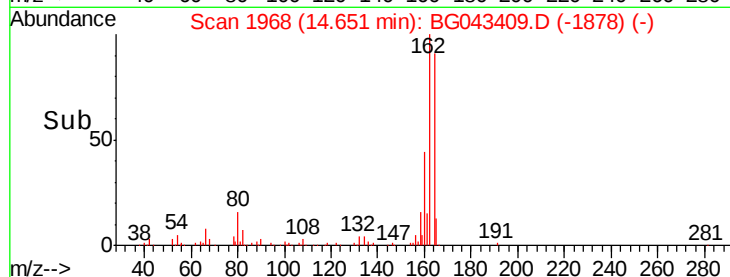
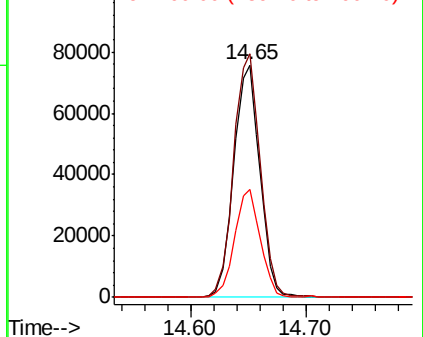


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.668 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Tgt Ion:216 Resp: 164762

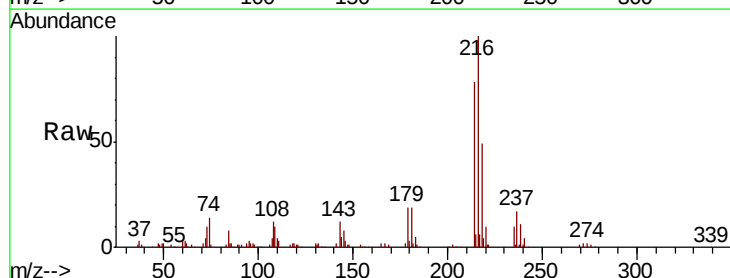
Ion Ratio Lower Upper

216 100

214 77.7 63.5 95.3

179 19.1 16.2 24.2

108 16.2 11.2 16.8



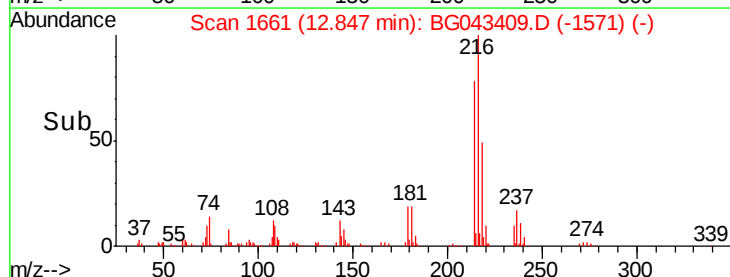
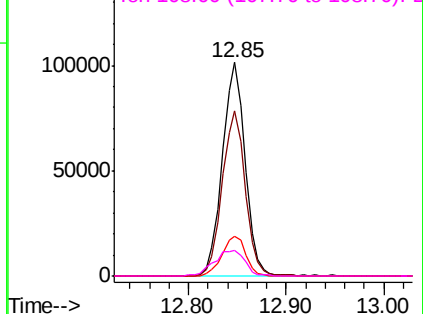
Abundance

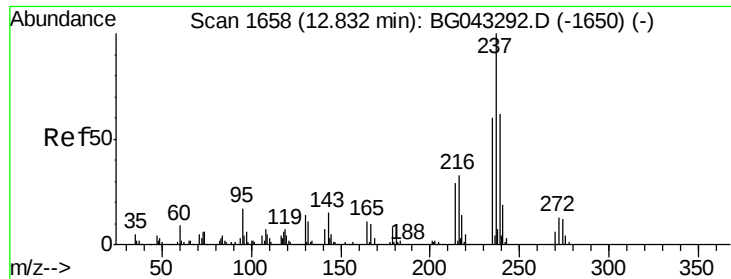
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.625 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

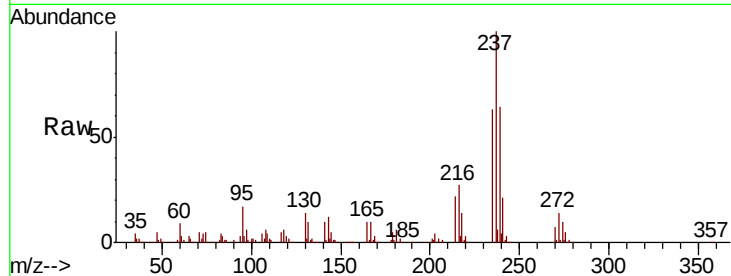
Tot Ion:237 Resp: 187553

Ion Ratio Lower Upper

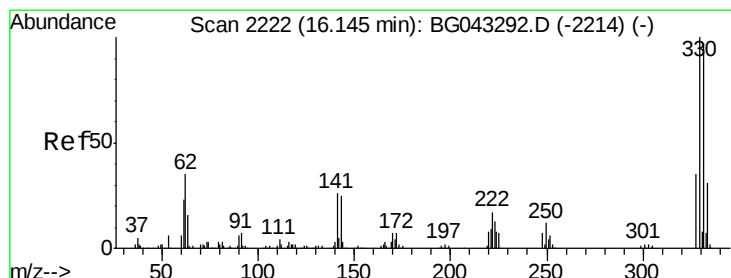
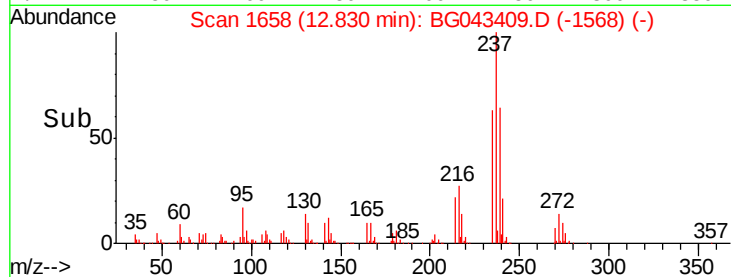
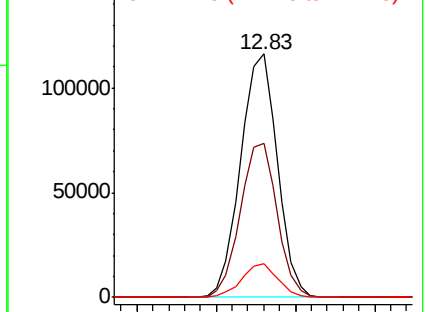
237 100

235 63.4 40.3 80.3

272 13.8 0.0 32.9



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



#42

2,4,6-Tribromophenol

Concen: 86.441 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

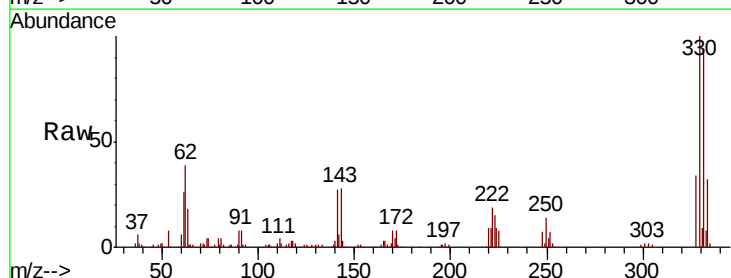
Tgt Ion:330 Resp: 194421

Ion Ratio Lower Upper

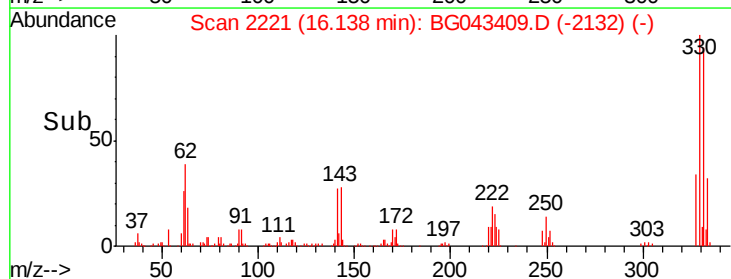
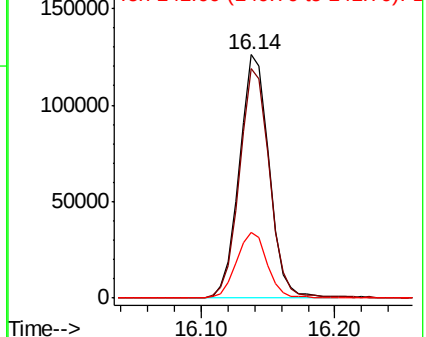
330 100

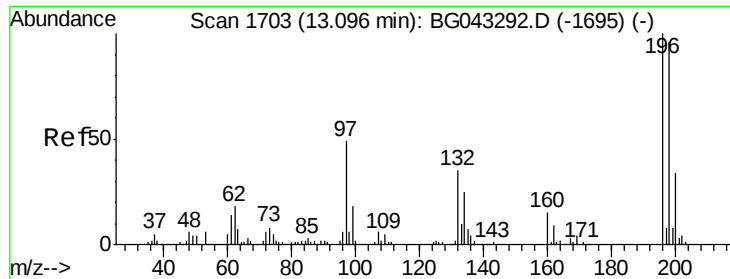
332 95.8 76.4 114.6

141 27.9 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

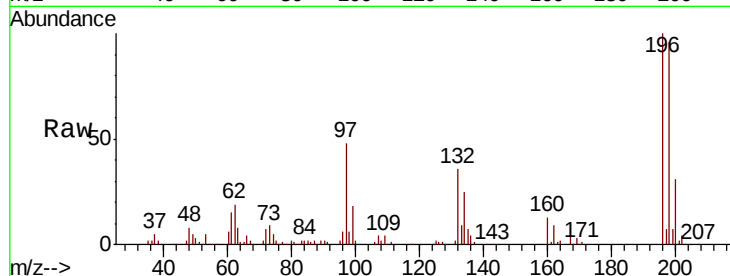




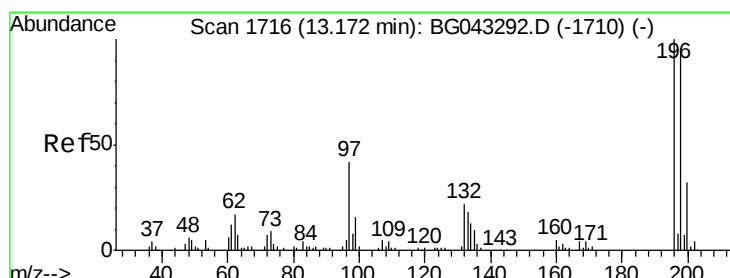
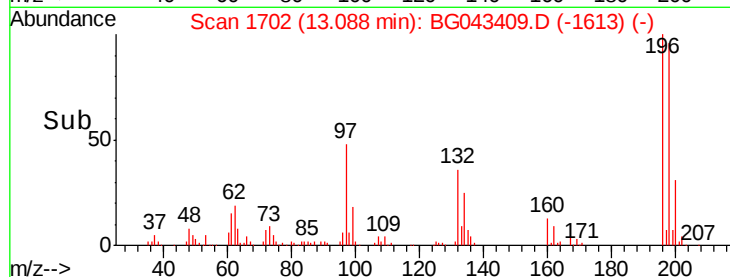
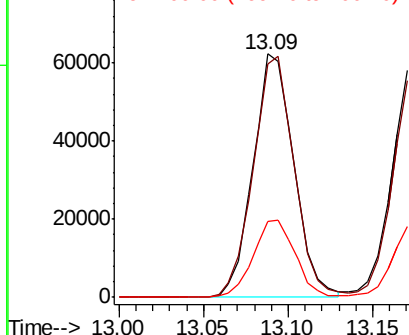
#43
 2,4,6-Trichlorophenol
 Concen: 40.659 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043409.D
 Acq: 30 Oct 2019 20:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 104734
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.0 115.4
 200 31.3 27.4 41.2

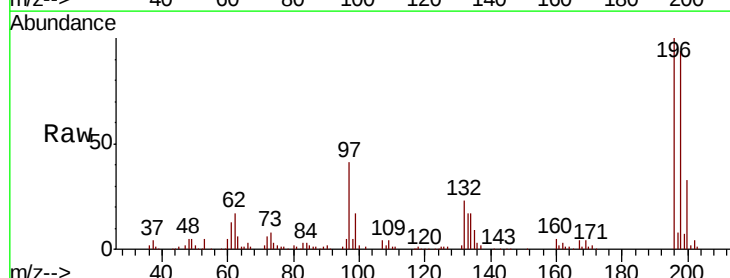


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

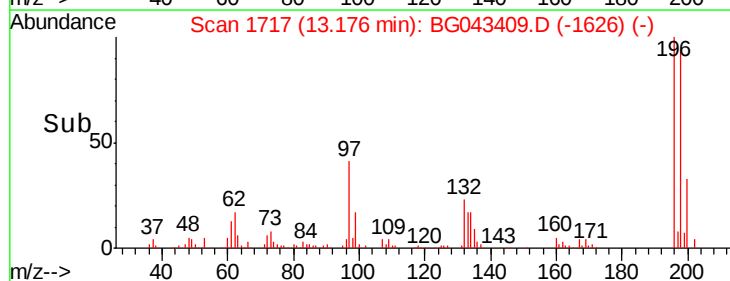
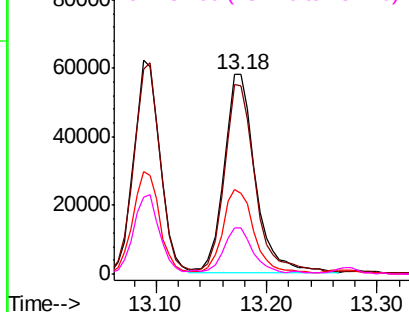


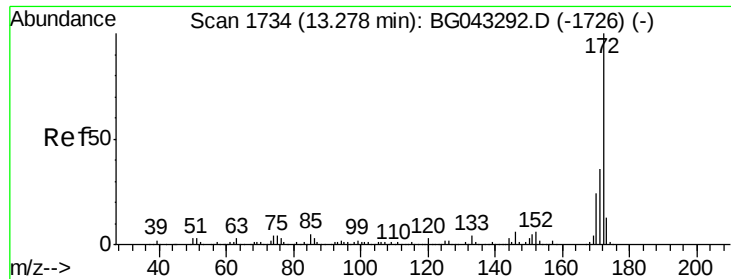
#44
 2,4,5-Trichlorophenol
 Concen: 44.077 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043409.D
 Acq: 30 Oct 2019 20:33

Tgt Ion:196 Resp: 114787
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.6 114.8
 97 40.5 34.1 51.1
 132 23.0 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

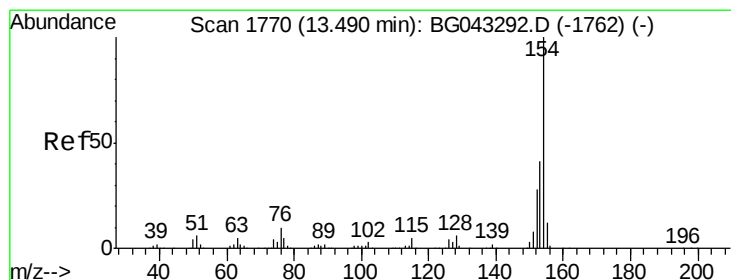
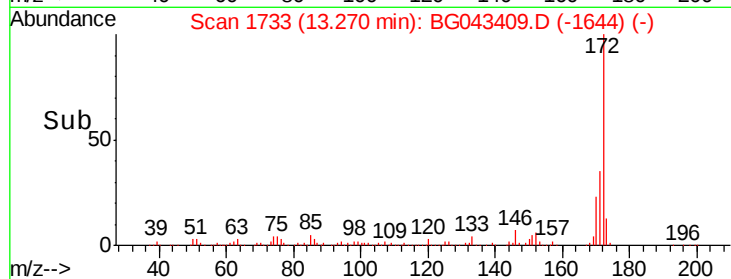
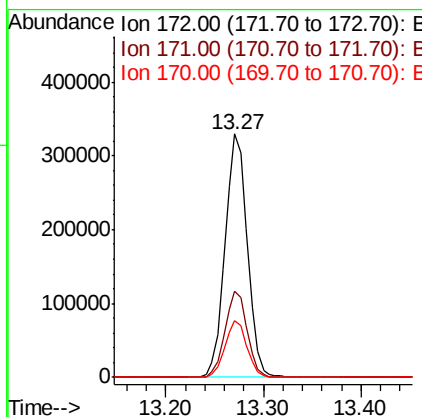
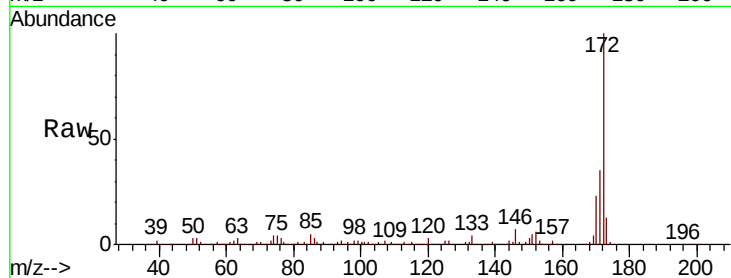




#45
 2-Fluorobiphenyl
 Concen: 60.822 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043409.D
 Acq: 30 Oct 2019 20:33

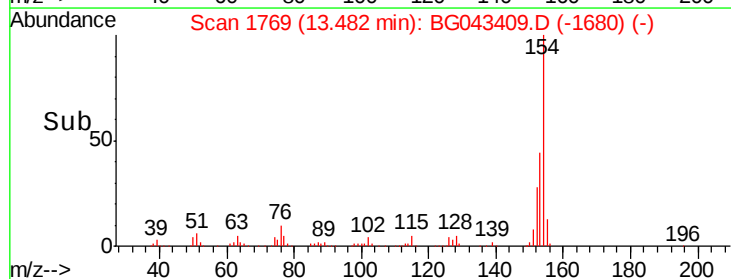
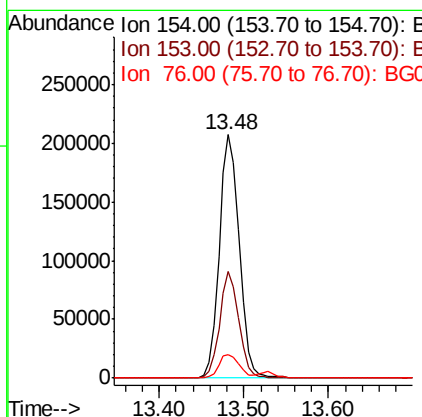
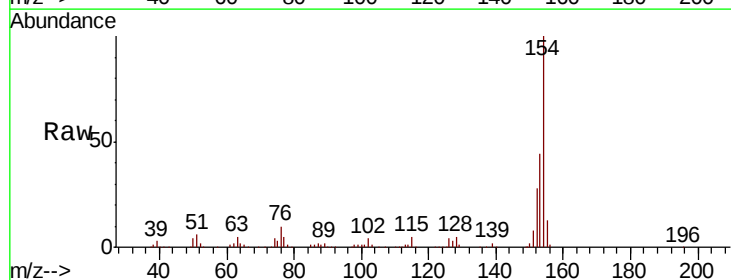
Instrument :
 BNA_G
 ClientSampleId :

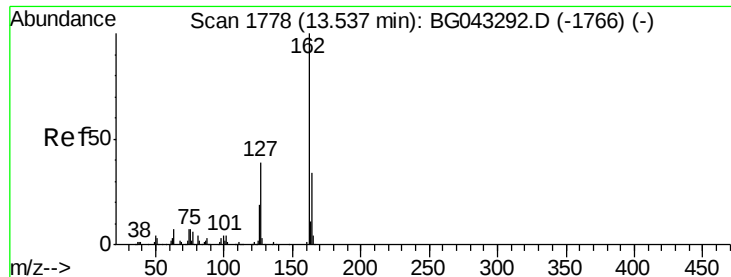
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.3	18.8	28.2



#46
 1,1'-Biphenyl
 Concen: 38.029 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG043409.D
 Acq: 30 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	21.0	61.0
76	9.6	0.0	29.8

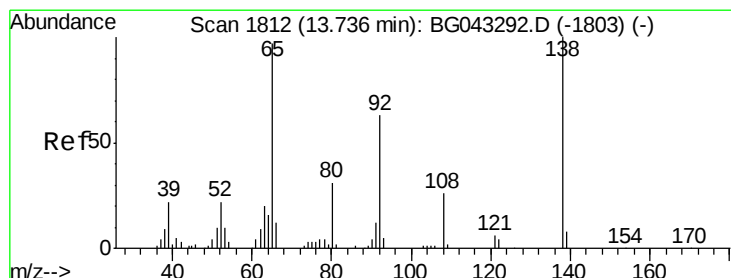
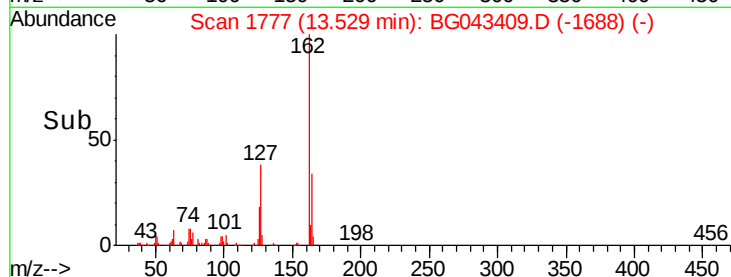
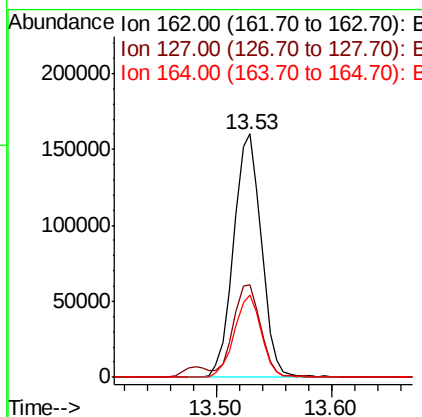
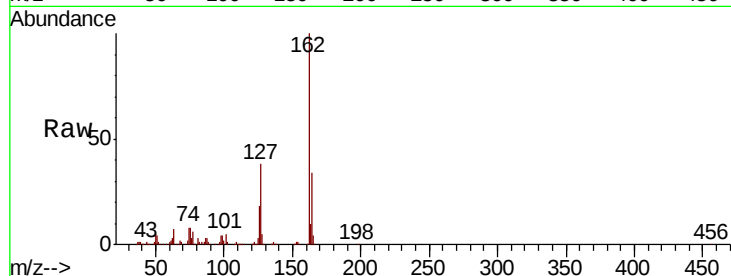




#47
 2-Chloronaphthalene
 Concen: 39.077 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043409.D
 Acq: 30 Oct 2019 20:33

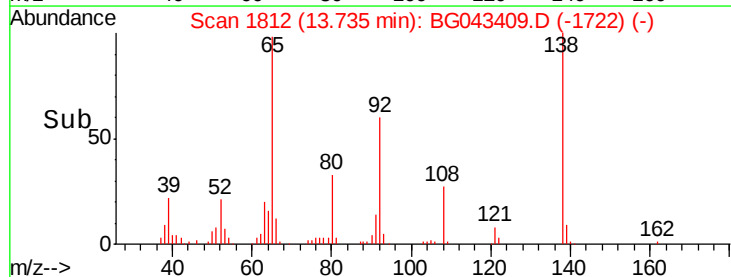
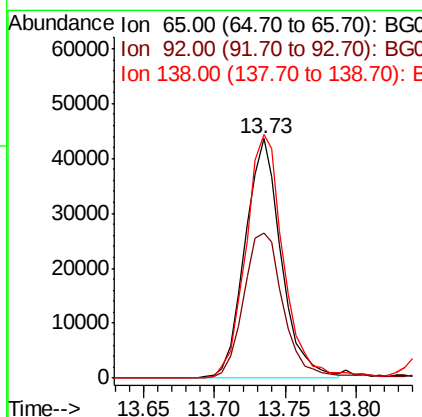
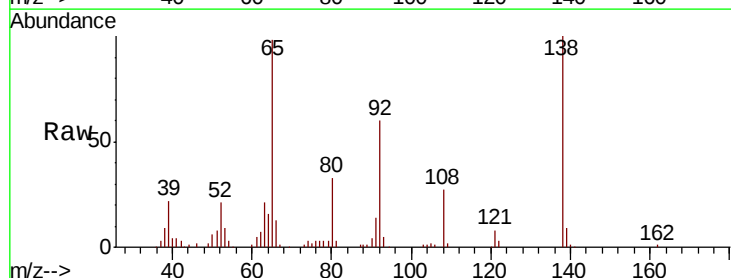
Instrument :
 BNA_G
 ClientSampleId :

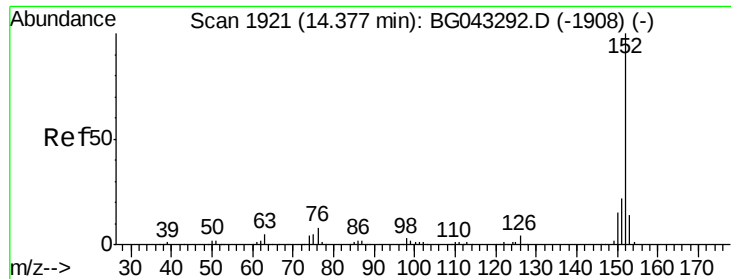
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.3	46.9
164	33.9	26.8	40.2



#48
 2-Nitroaniline
 Concen: 38.388 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG043409.D
 Acq: 30 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.9	52.6	79.0
138	101.8	82.9	124.3





#49

Acenaphthylene

Concen: 40.244 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

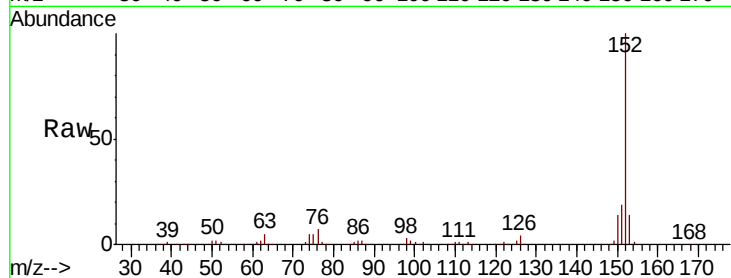
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 428491

Ion	Ratio	Lower	Upper
152	100		
151	19.1	17.2	25.8
153	13.8	11.0	16.6

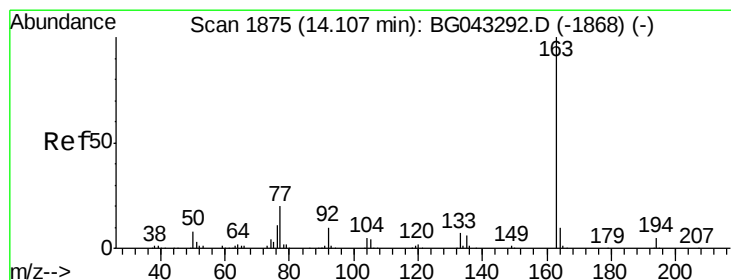
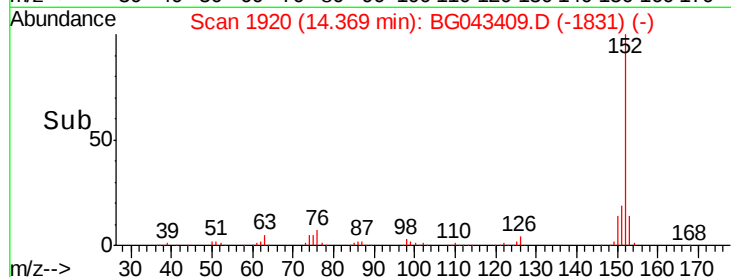
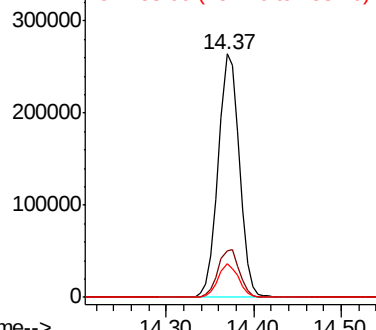


Abundance

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: 45.622 ng

RT: 14.10 min Scan# 1875

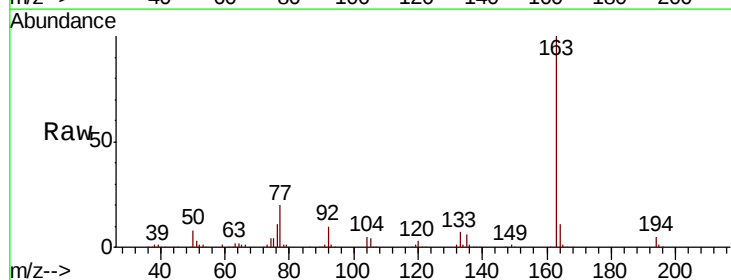
Delta R.T. -0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Tgt Ion:163 Resp: 417656

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	10.7	8.1	12.1

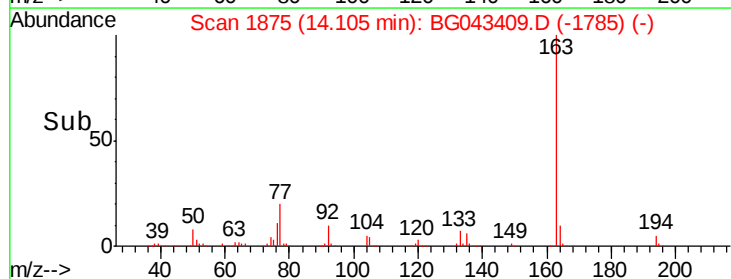
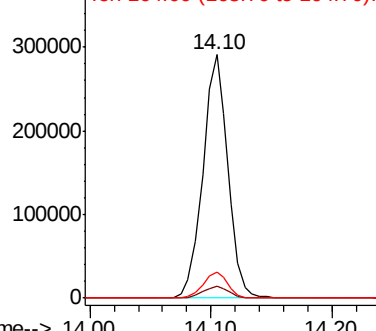


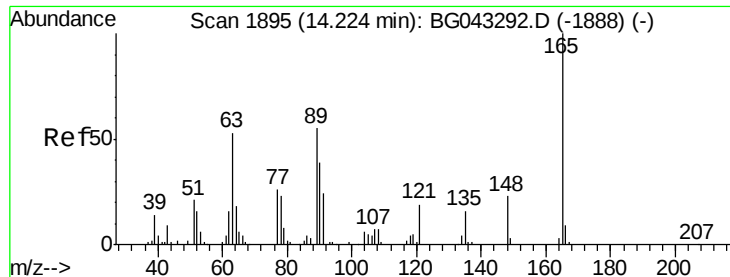
Abundance

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: 39.745 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

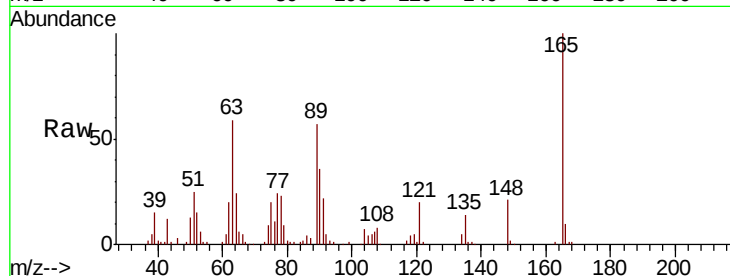
Tot Ion:165 Resp: 79046

Ion Ratio Lower Upper

165 100

63 59.1 47.1 70.7

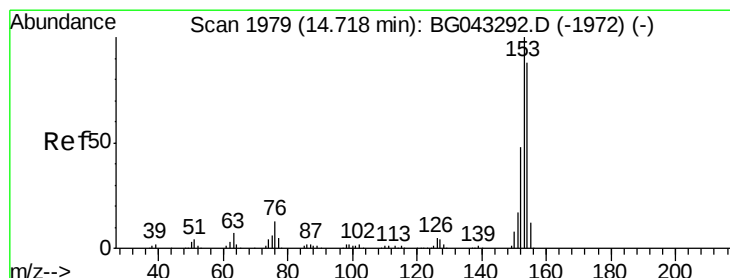
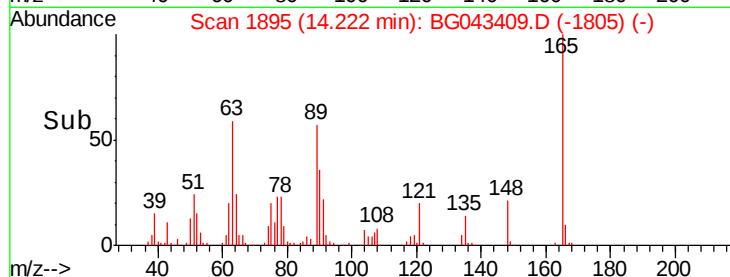
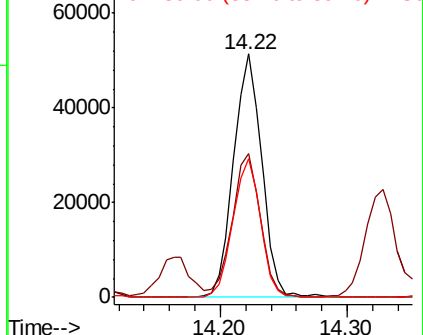
89 56.8 43.7 65.5



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: 39.341 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

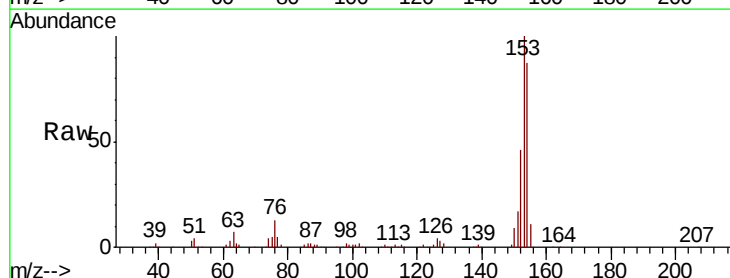
Tgt Ion:154 Resp: 255449

Ion Ratio Lower Upper

154 100

153 115.5 90.9 136.3

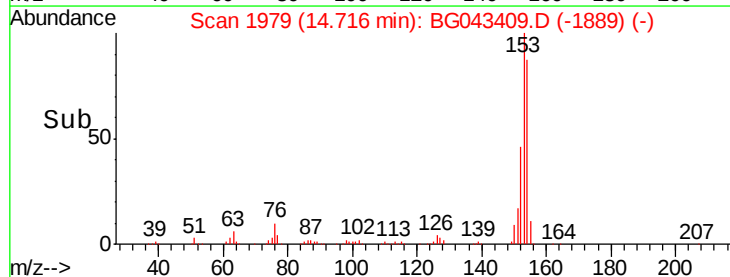
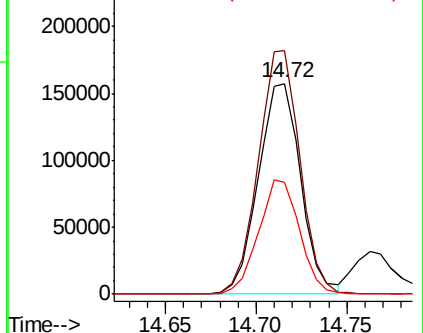
152 53.3 43.9 65.9

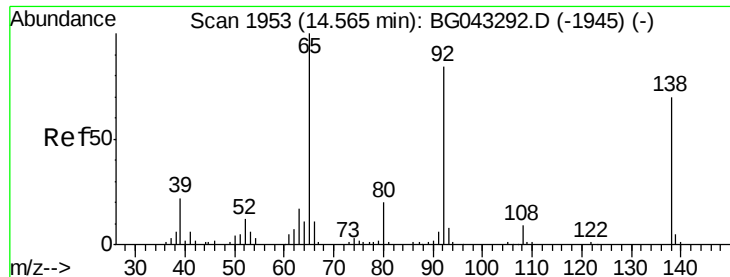


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 21.390 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

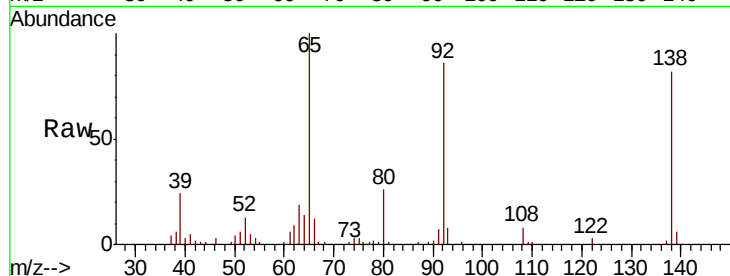
Tot Ion:138 Resp: 41073

Ion Ratio Lower Upper

138 100

108 10.2 9.8 14.6

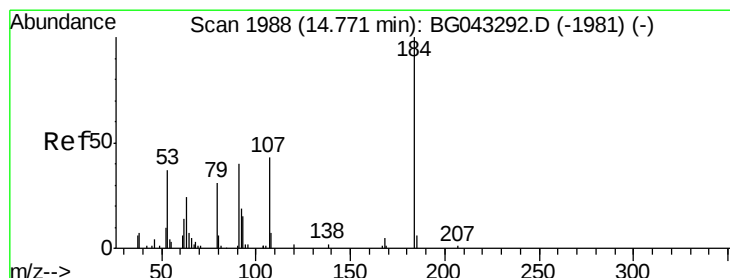
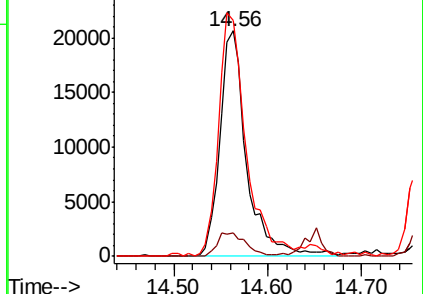
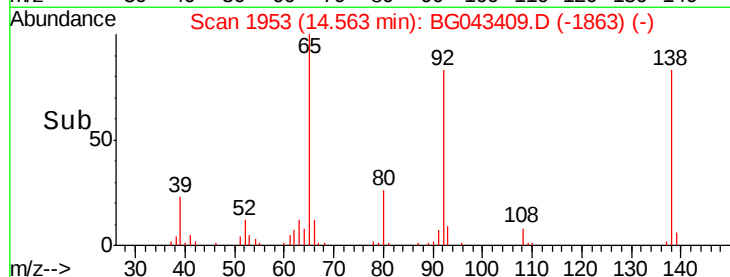
92 104.5 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 71.665 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

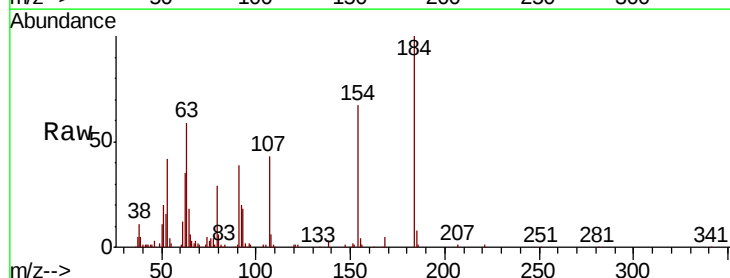
Tgt Ion:184 Resp: 87967

Ion Ratio Lower Upper

184 100

63 59.4 48.8 73.2

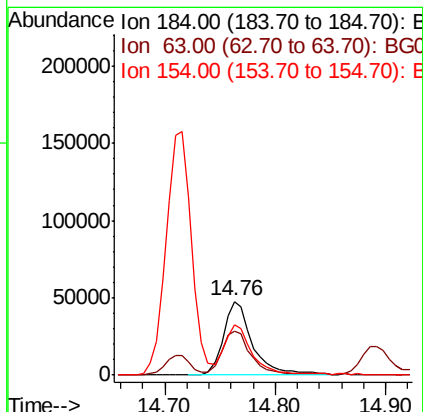
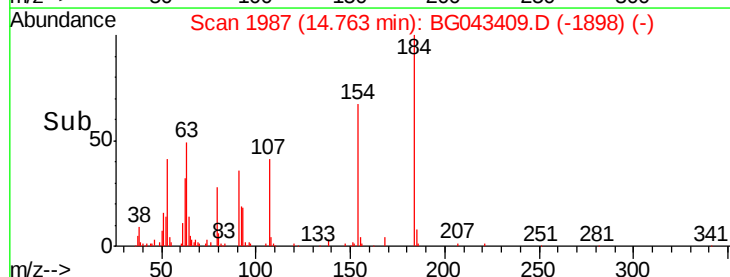
154 67.3 49.4 74.0

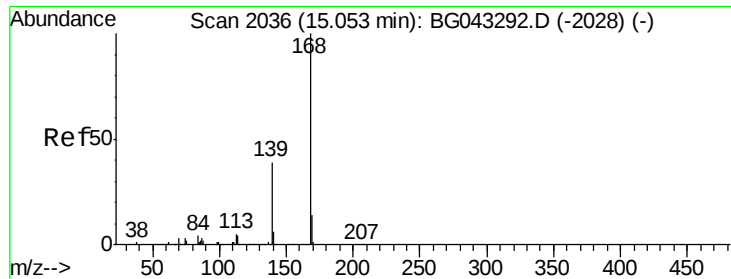


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

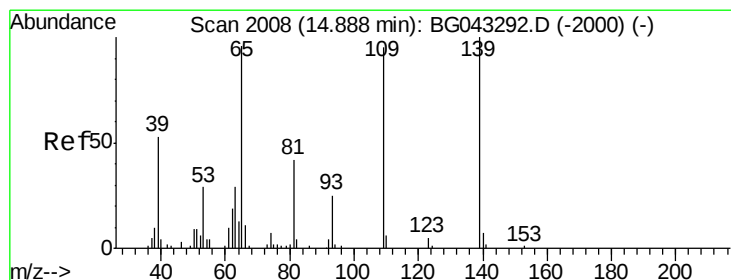
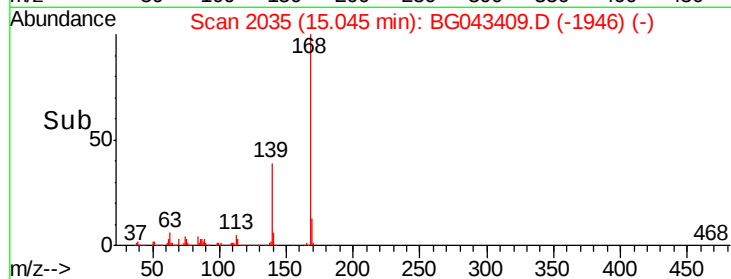
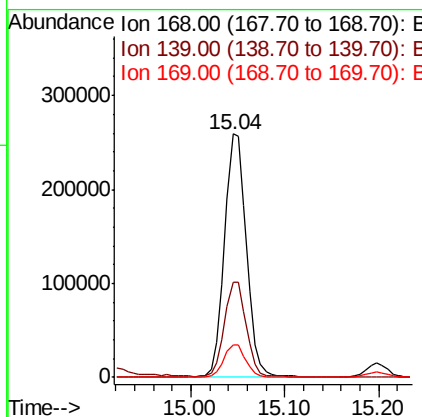
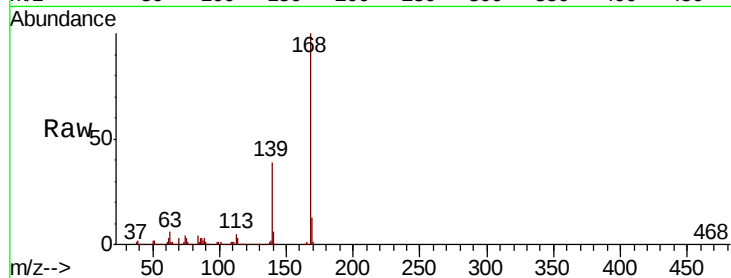




#55
Dibenzenofuran
Concen: 40.117 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

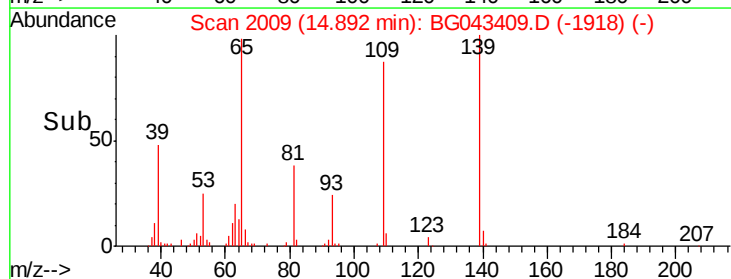
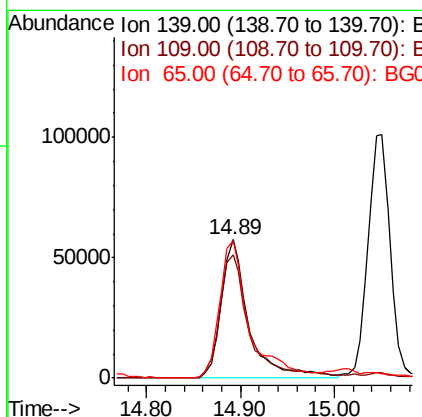
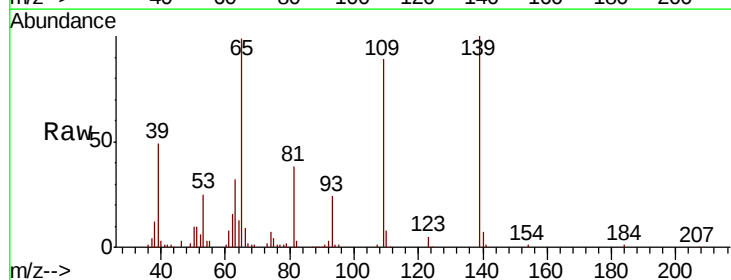
Instrument :
BNA_G
ClientSampleId :

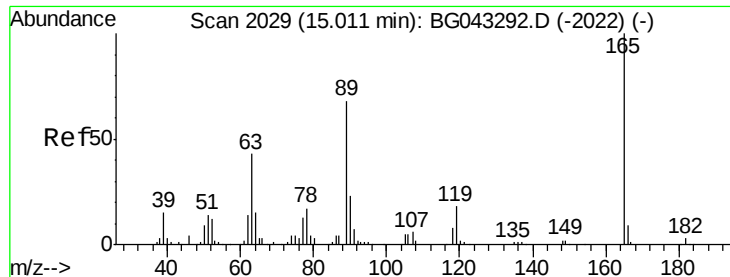
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.7	47.5
169	13.4	11.0	16.4



#56
4-Nitrophenol
Concen: 92.163 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.6	75.4	115.4
65	98.9	76.6	116.6

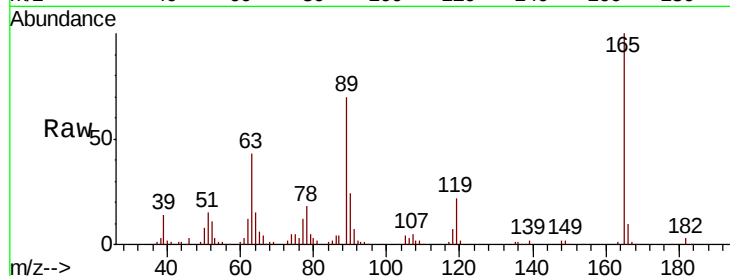




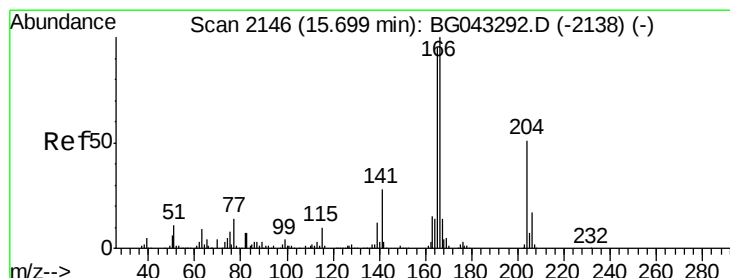
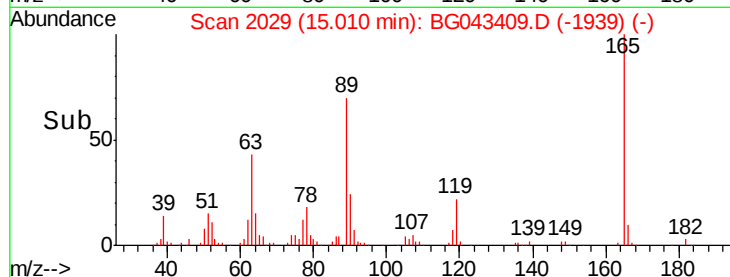
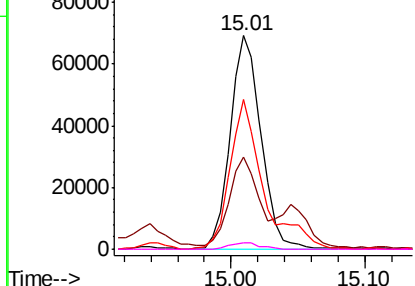
#57
2,4-Dinitrotoluene
Concen: 39.135 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:165	Resp:	111234
Ion	Ratio	Lower Upper
165	100	
63	43.0	35.0 52.6
89	70.0	54.1 81.1
182	3.1	2.2 3.2

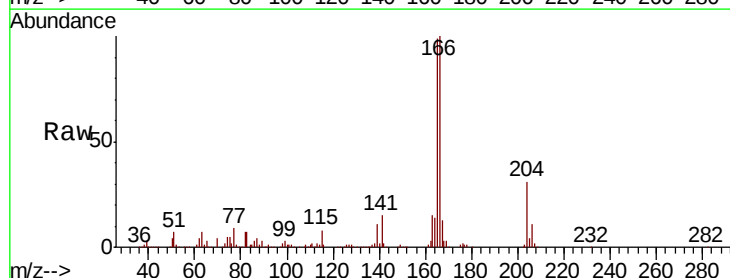


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

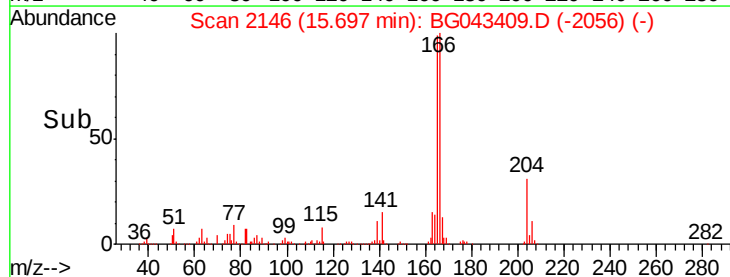
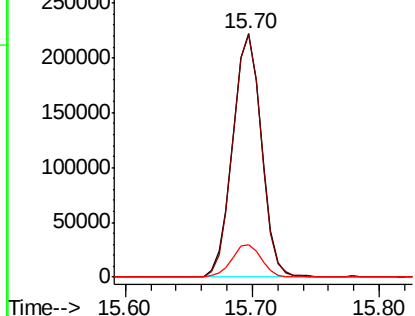


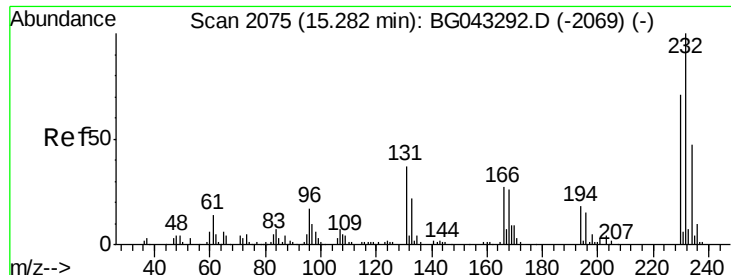
#58
Fluorene
Concen: 39.393 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion:166	Resp:	347897
Ion	Ratio	Lower Upper
166	100	
165	99.4	76.4 114.6
167	13.5	11.1 16.7



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

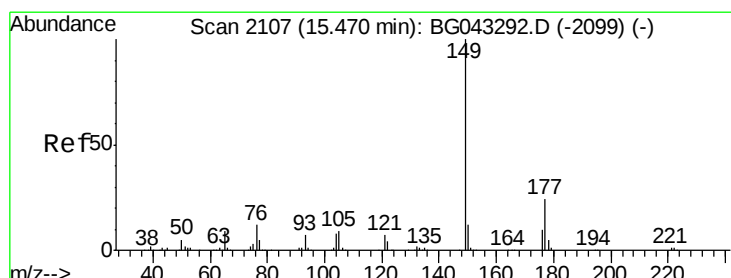
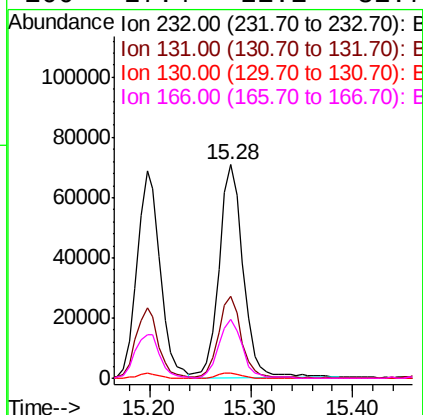
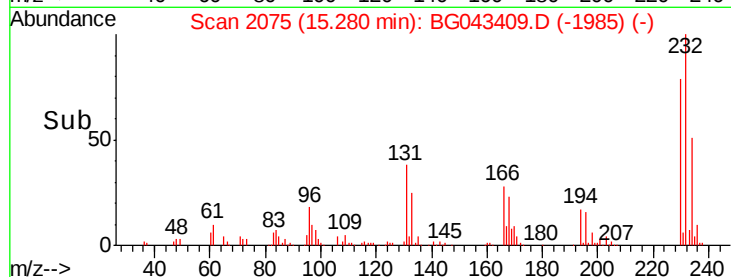
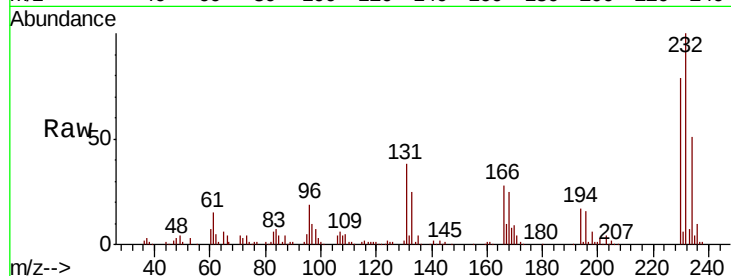




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.844 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043409.D
 Acq: 30 Oct 2019 20:33

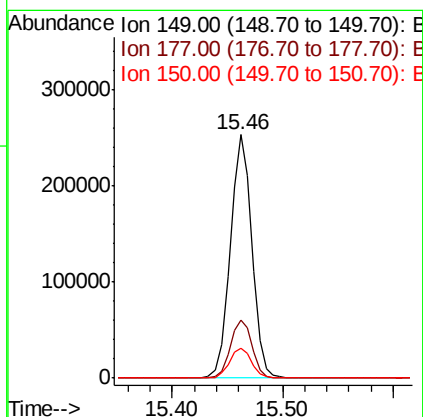
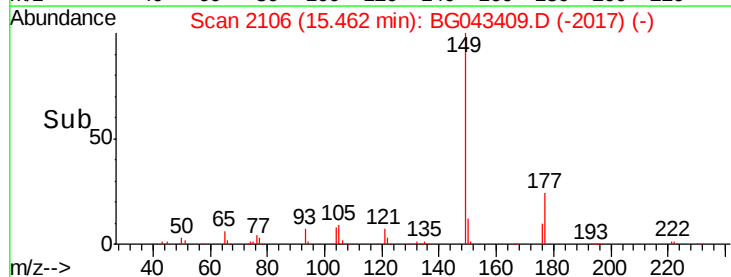
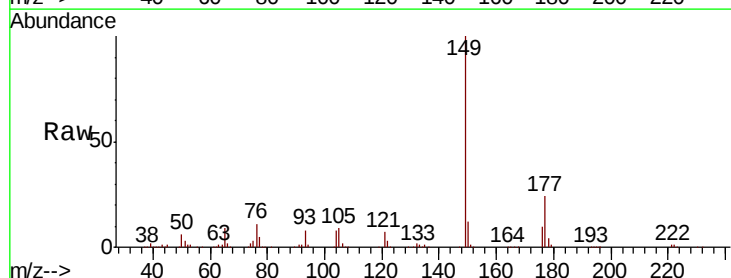
Instrument :
 BNA_G
 ClientSampleId :

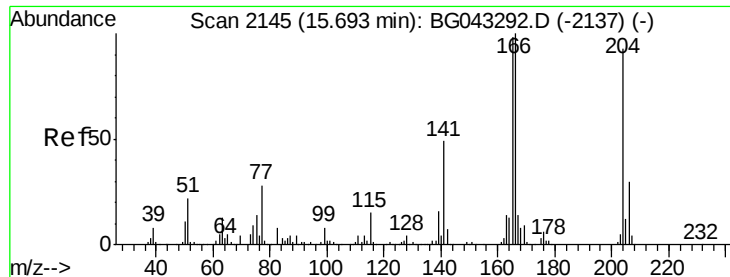
Tot Ion:232 Resp: 115778
 Ion Ratio Lower Upper
 232 100
 131 36.6 28.7 43.1
 130 2.4 0.6 0.8#
 166 27.4 21.1 31.7



#60
 Diethylphthalate
 Concen: 37.585 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043409.D
 Acq: 30 Oct 2019 20:33

Tgt Ion:149 Resp: 345730
 Ion Ratio Lower Upper
 149 100
 177 24.1 19.0 28.4
 150 12.4 9.4 14.0

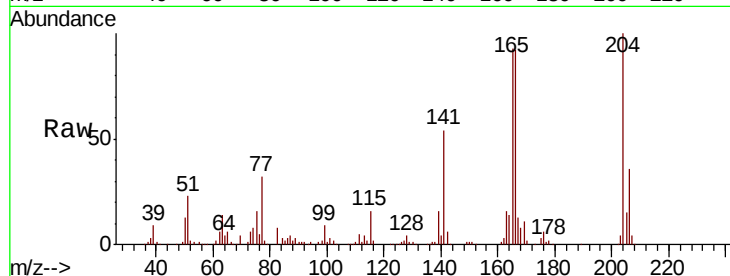




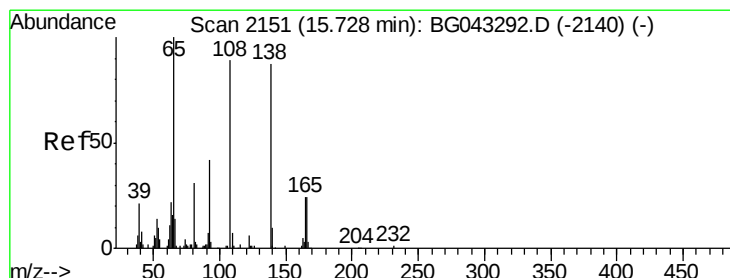
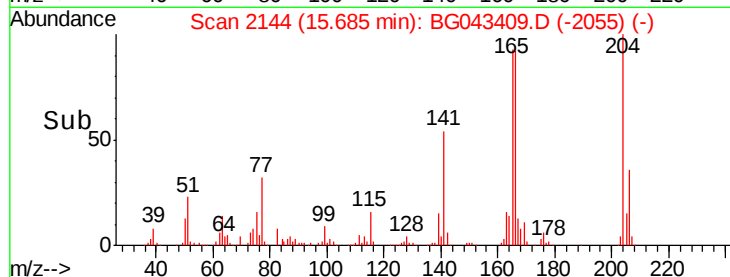
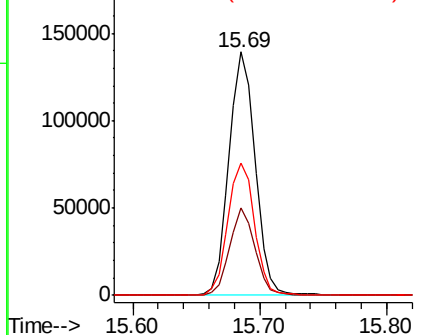
#61
4-Chlorophenyl-phenylether
Concen: 38.650 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 199127
Ion Ratio Lower Upper
204 100
206 35.8 25.7 38.5
141 54.5 42.3 63.5

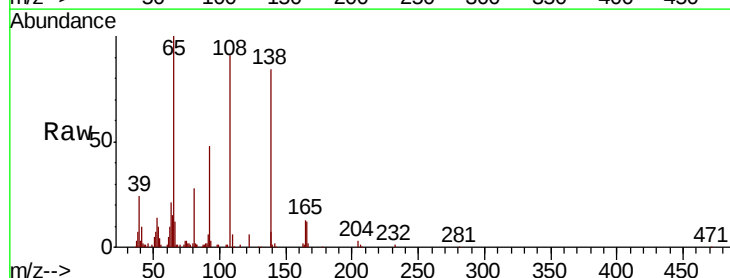


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

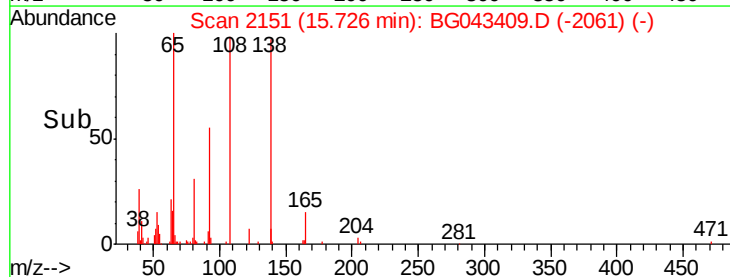
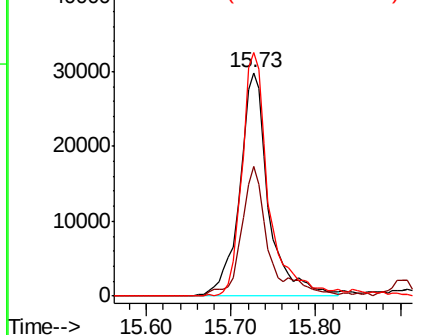


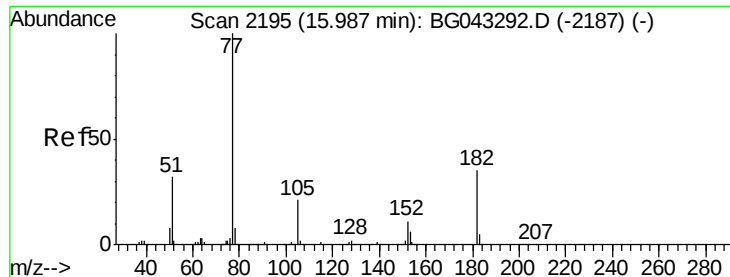
#62
4-Nitroaniline
Concen: 35.660 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion:138 Resp: 70716
Ion Ratio Lower Upper
138 100
92 57.9 28.8 68.8
108 108.8 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: 38.892 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 289536

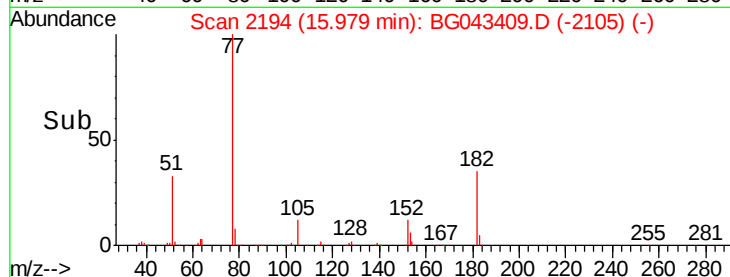
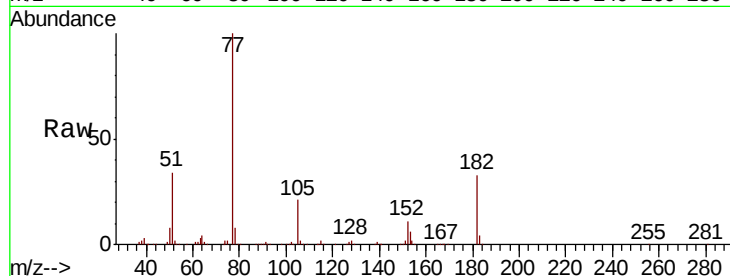
Ion	Ratio	Lower	Upper
77	100		
182	32.9	14.9	54.9
105	20.9	0.6	40.6
51	33.7	12.5	52.5

Abundance Ion 77.00 (76.70 to 77.70): BGC

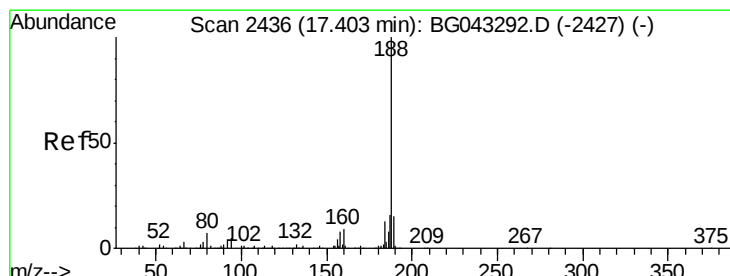
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

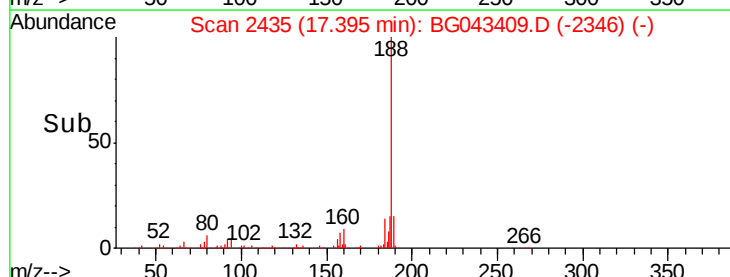
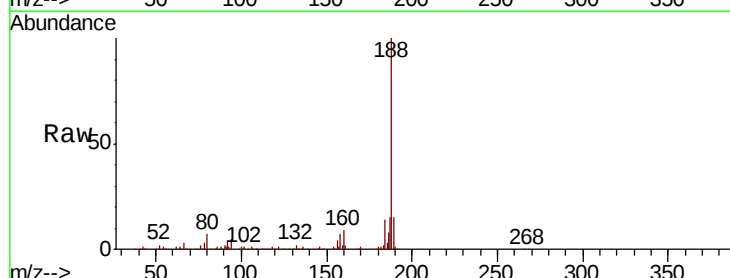
Tgt Ion: 188 Resp: 275996

Ion	Ratio	Lower	Upper
188	100		
94	4.8	4.2	6.2
80	6.6	5.2	7.8

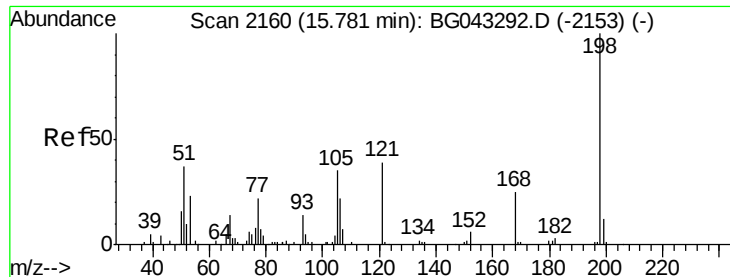
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 43.371 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

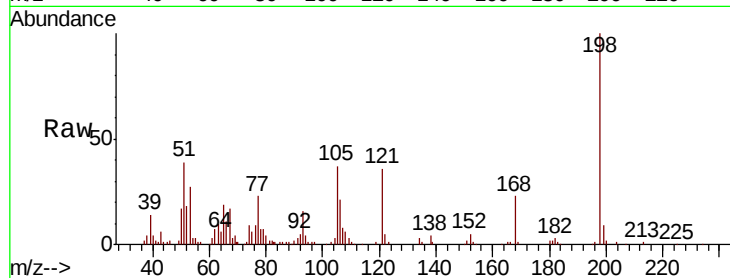
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 70445

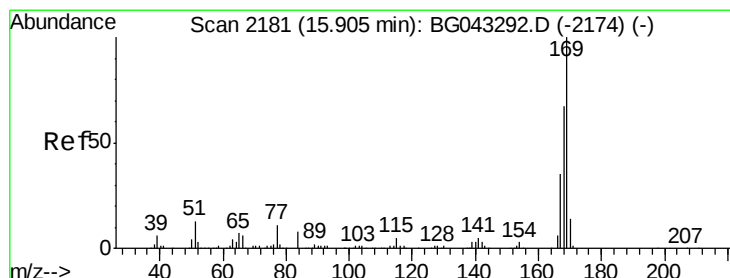
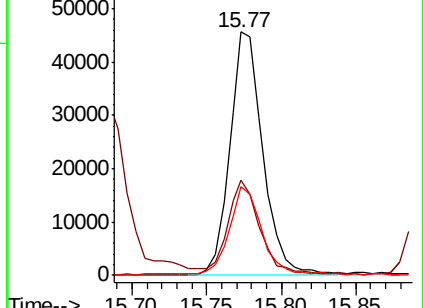
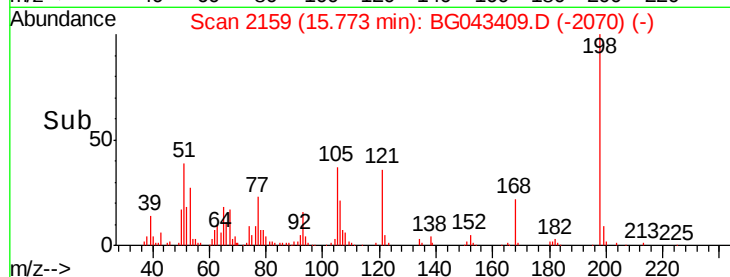
Ion	Ratio	Lower	Upper
198	100		
51	39.0	21.4	61.4
105	36.7	16.5	56.5



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: 39.718 ng

RT: 15.90 min Scan# 2181

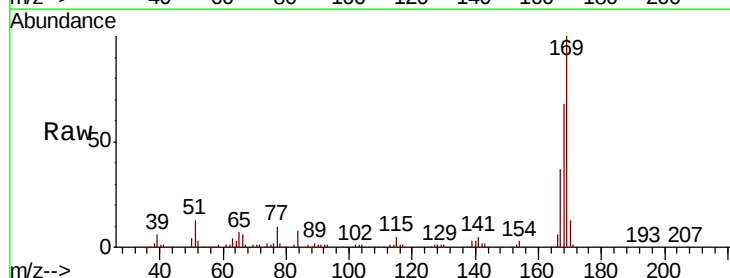
Delta R.T. -0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Tgt Ion:169 Resp: 309485

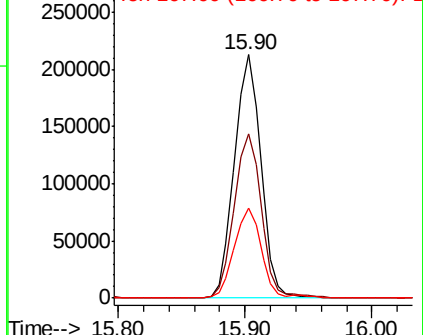
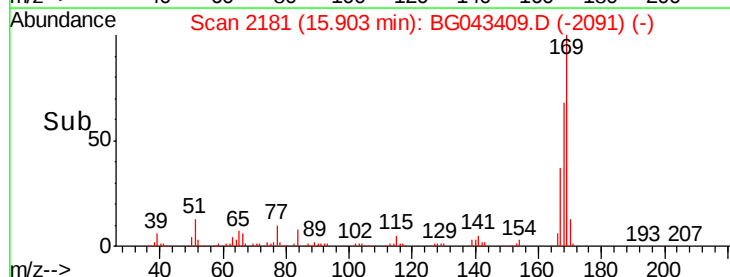
Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.9	80.9
167	37.1	28.3	42.5

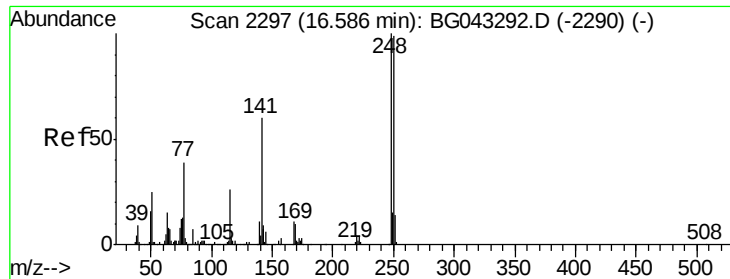


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

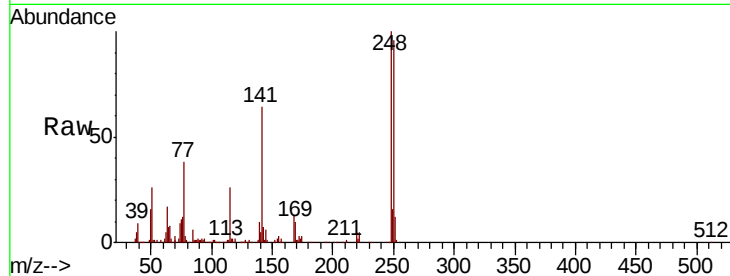




#67
4-Bromophenyl-phenylether
Concen: 38.286 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	79.3	118.9
141	64.0	47.9	71.9

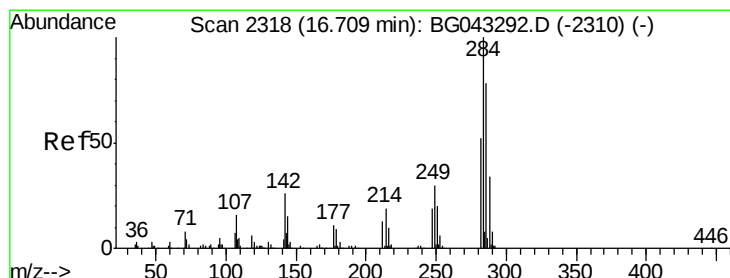
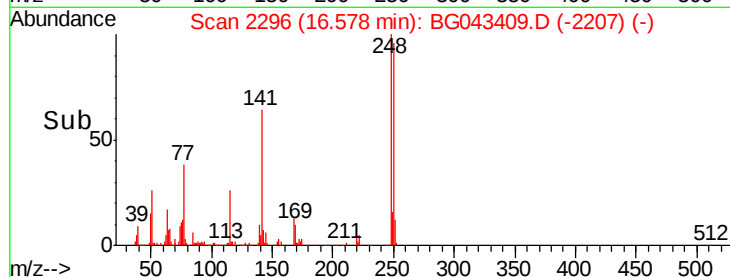
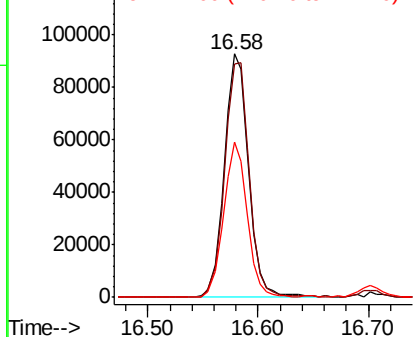


Abundance

Ion 248.00 (247.70 to 248.70): E

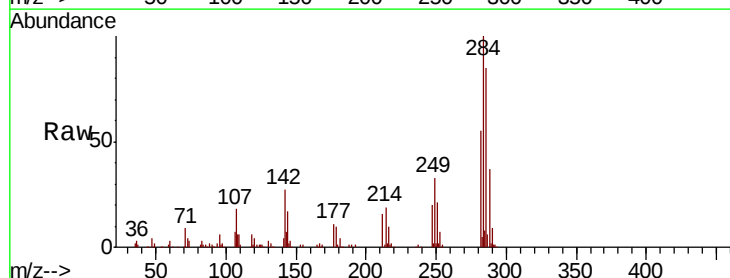
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.034 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	21.1	31.7
249	33.3	24.4	36.6

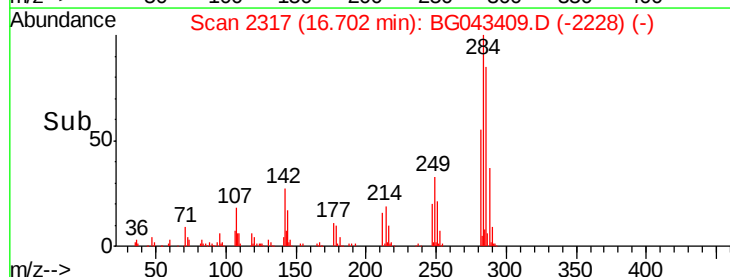
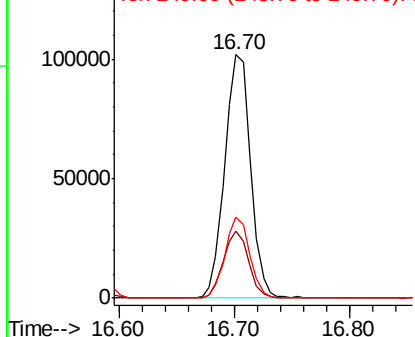


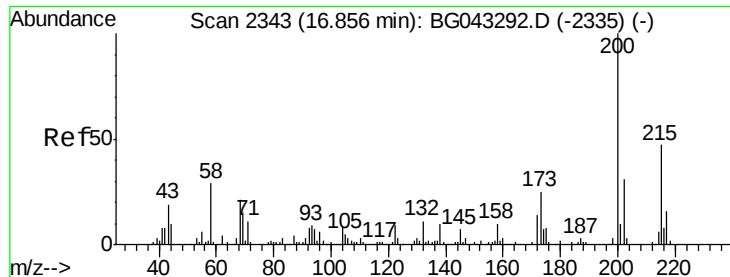
Abundance

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: 49.409 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

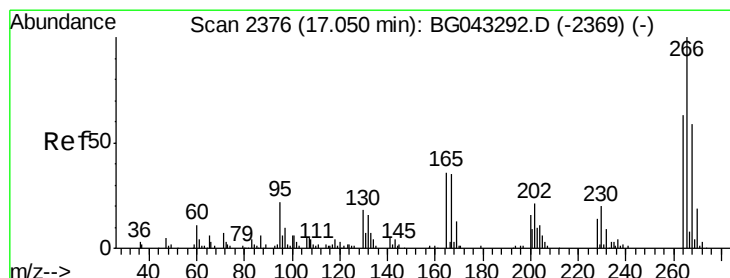
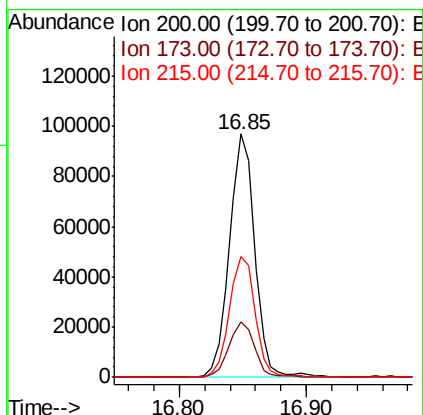
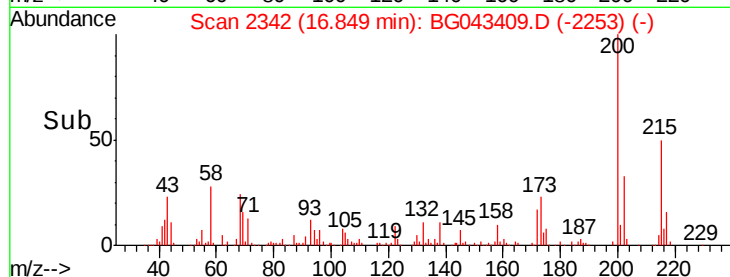
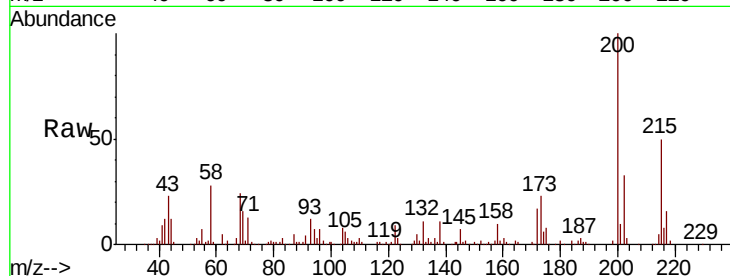
Tot Ion:200 Resp: 133778

Ion Ratio Lower Upper

200 100

173 22.6 5.1 45.1

215 49.6 26.6 66.6



#70

Pentachlorophenol

Concen: 87.816 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

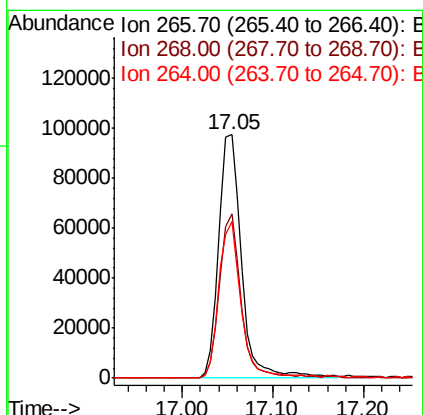
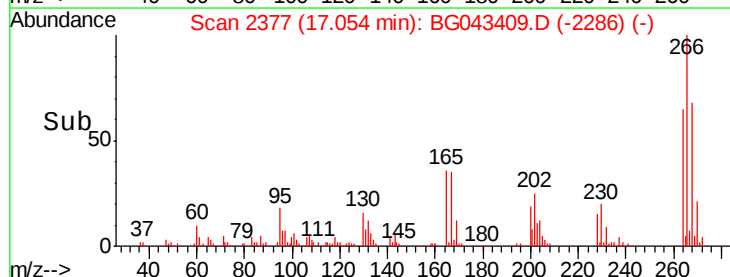
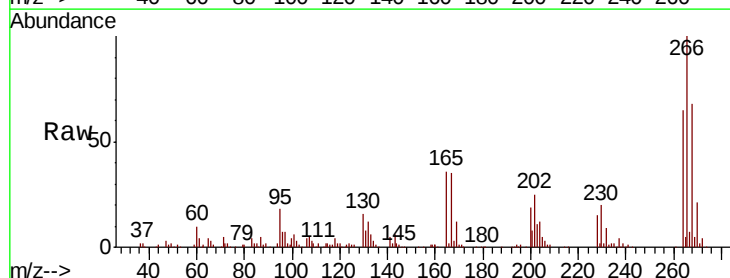
Tgt Ion:266 Resp: 170603

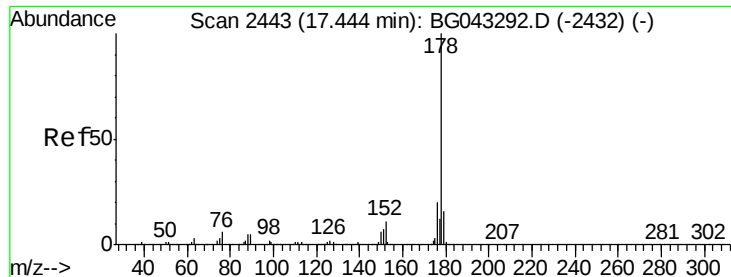
Ion Ratio Lower Upper

266 100

268 67.7 47.1 70.7

264 64.6 50.4 75.6

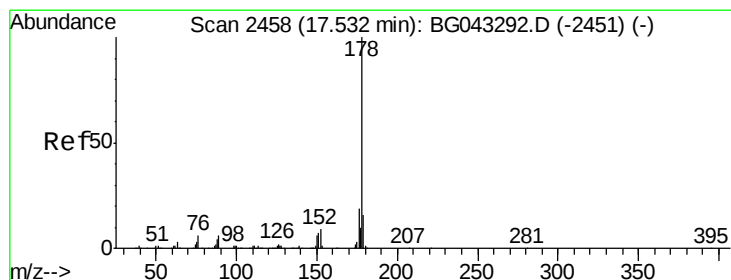
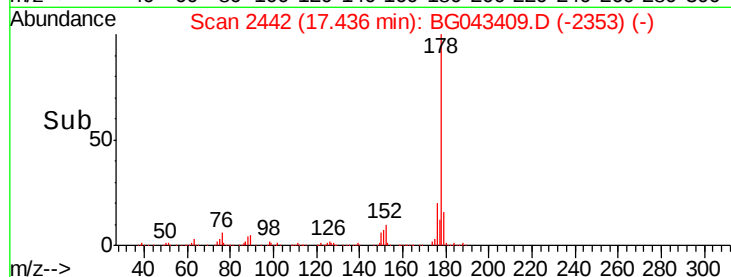
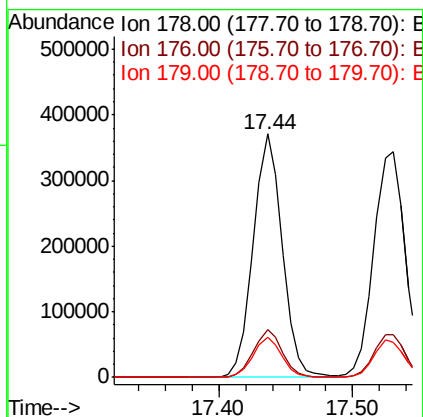
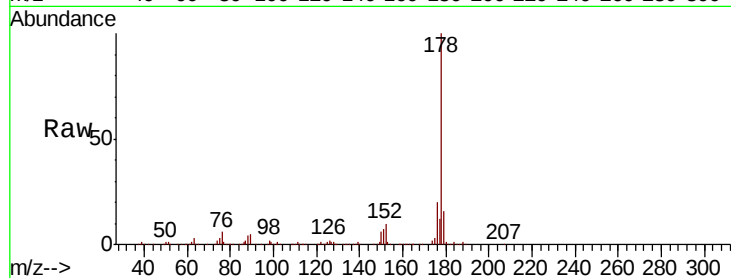




#71
Phenanthrene
Concen: 39.194 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

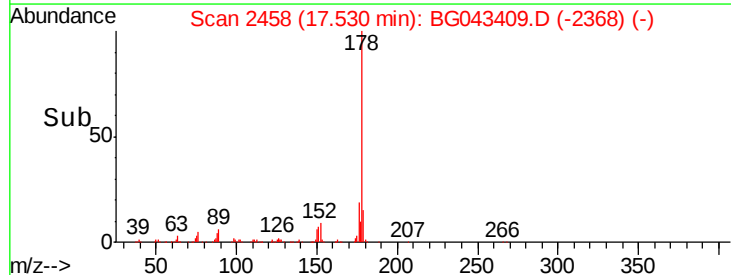
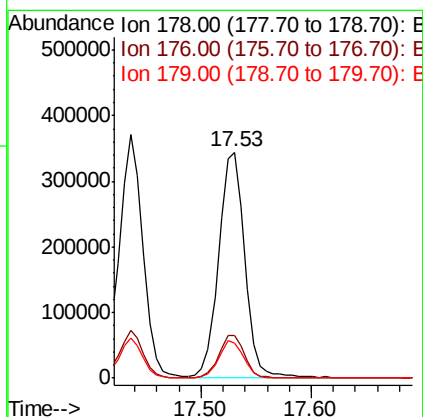
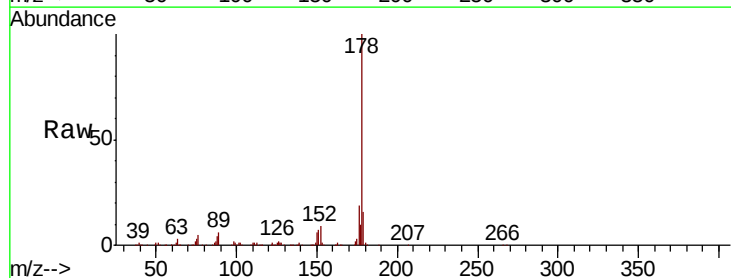
Instrument :
BNA_G
ClientSampled :

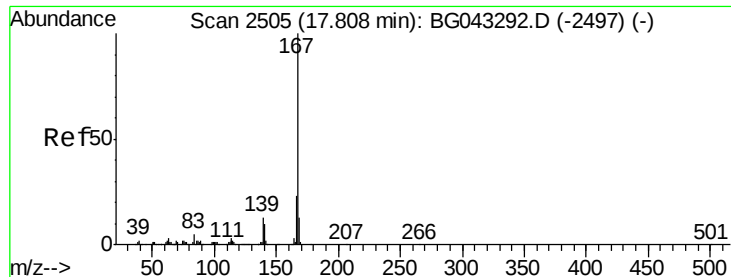
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.4	13.1	19.7



#72
Anthracene
Concen: 39.882 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.5	13.0	19.6





#73

Carbazole

Concen: 39.191 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

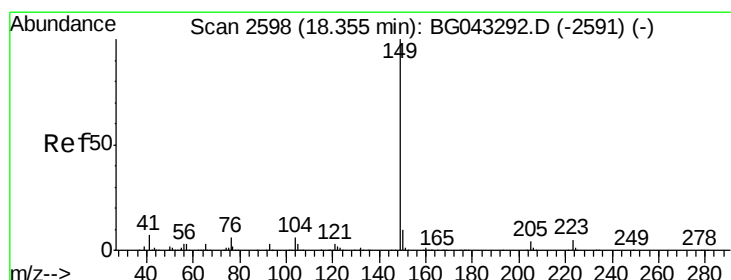
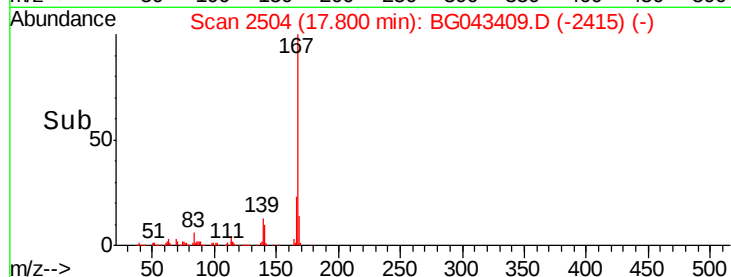
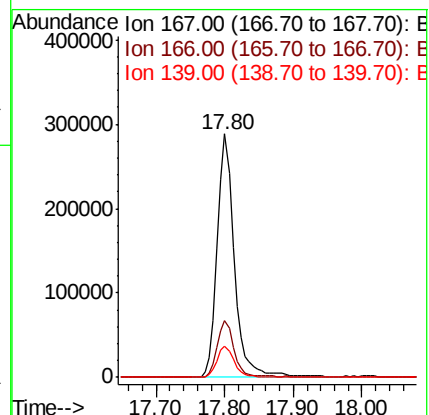
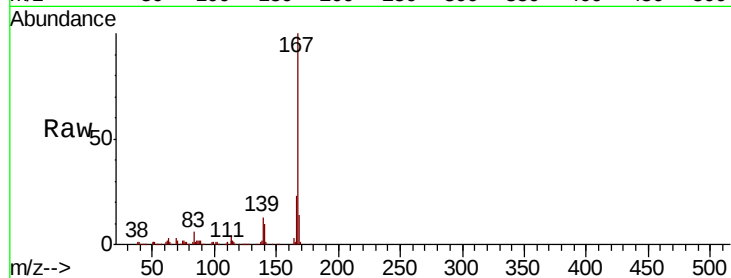
Tot Ion:167 Resp: 501843

Ion Ratio Lower Upper

167 100

166 23.1 18.4 27.6

139 13.0 10.2 15.4



#74

Di-n-butylphthalate

Concen: 38.763 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

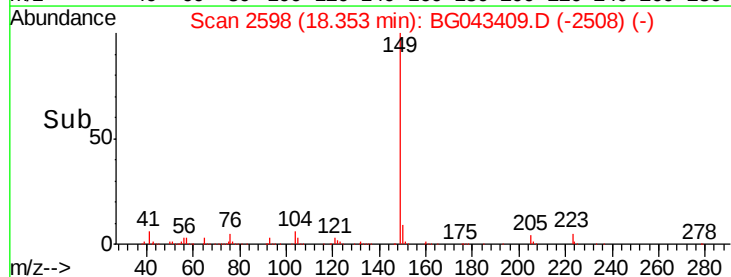
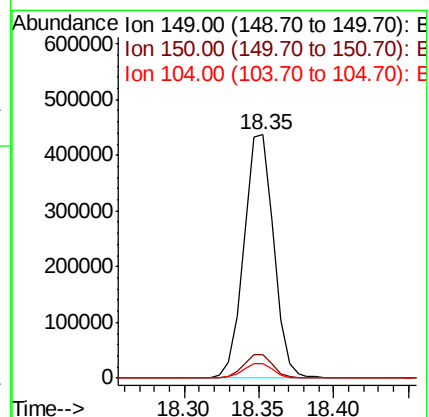
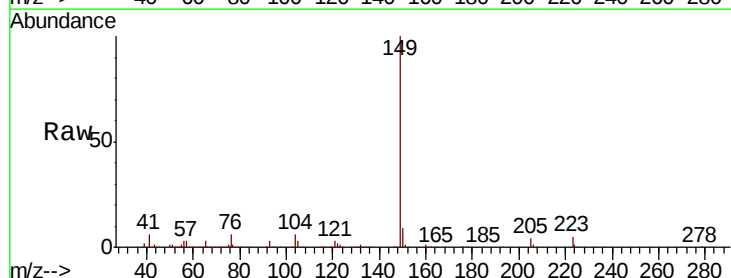
Tgt Ion:149 Resp: 602267

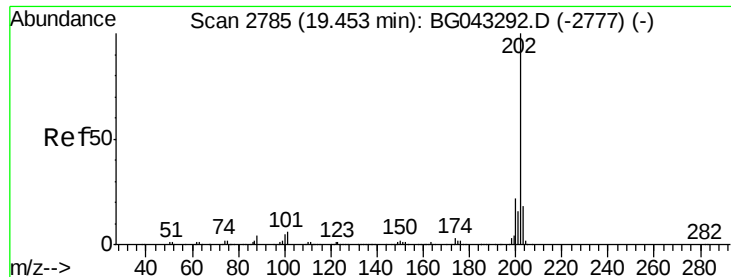
Ion Ratio Lower Upper

149 100

150 9.4 8.0 12.0

104 5.9 4.7 7.1





#75

Fluoranthene

Concen: 39.509 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043409.D

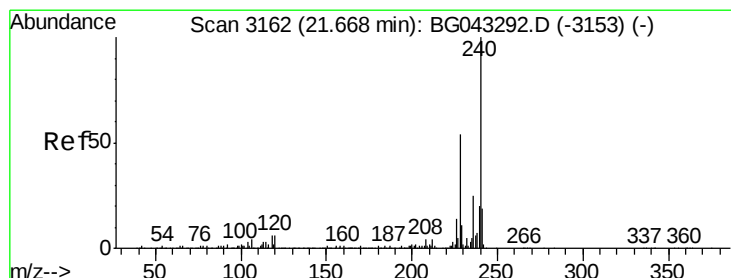
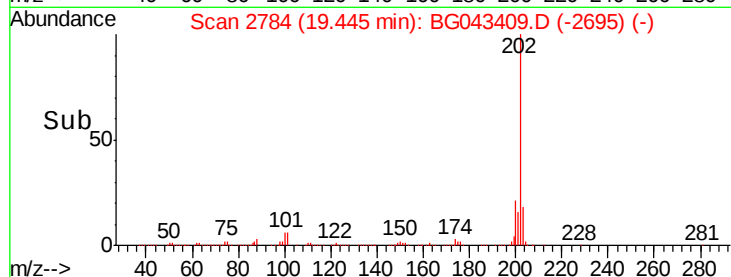
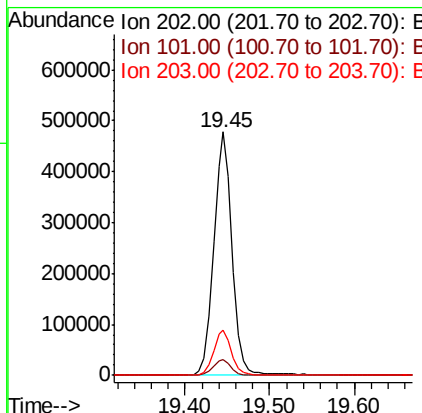
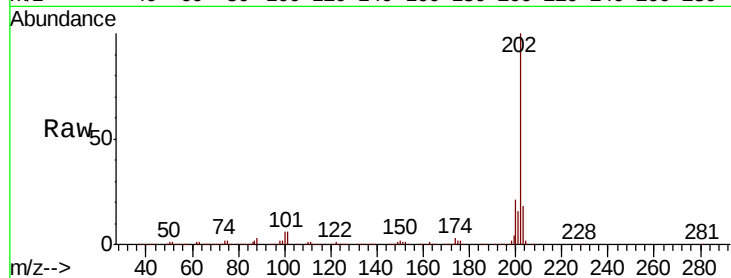
Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	727963
Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	26.0
203	18.3	0.0	38.2



#76

Chrysene-d12

Concen: 20.000 ng

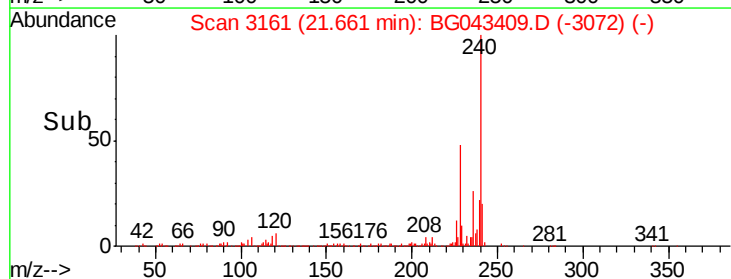
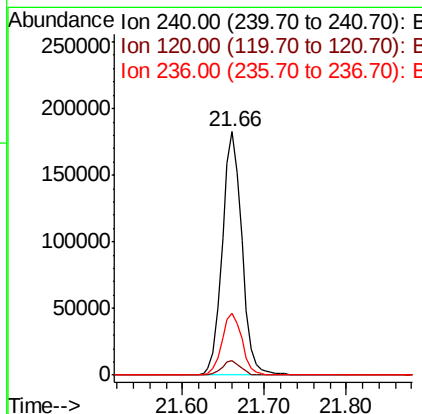
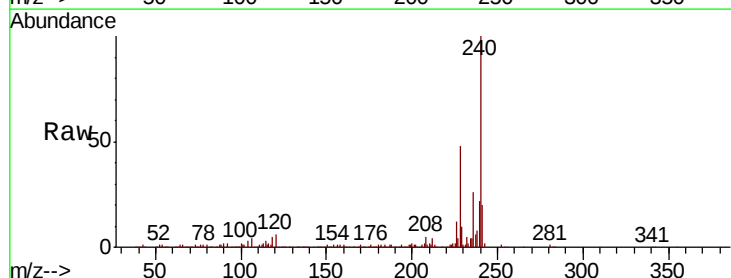
RT: 21.66 min Scan# 3161

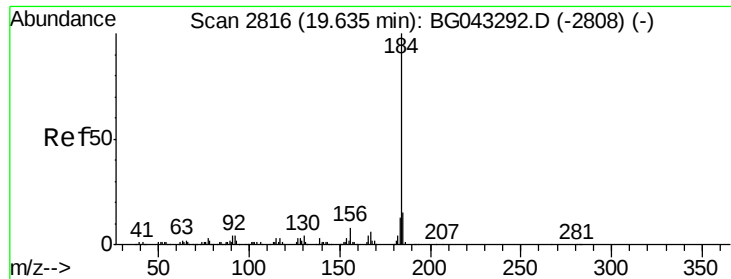
Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Tgt Ion:	240	Resp:	304729
Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	7.0
236	25.5	20.2	30.4





#77

Benzidine

Concen: 29.460 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

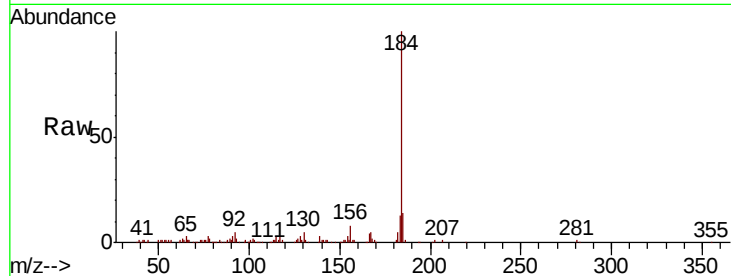
Tot Ion:184 Resp: 180670

Ion Ratio Lower Upper

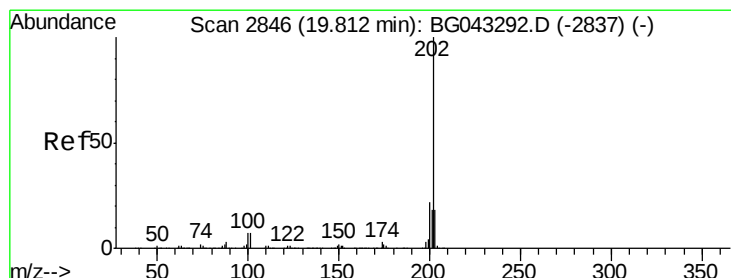
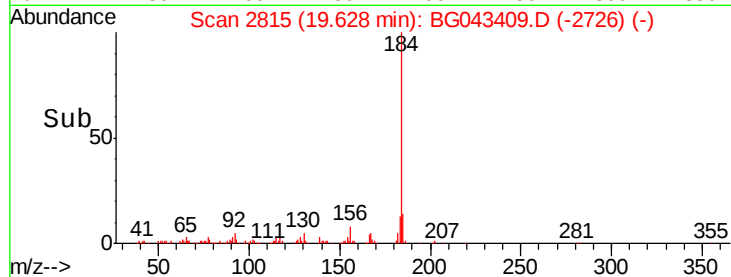
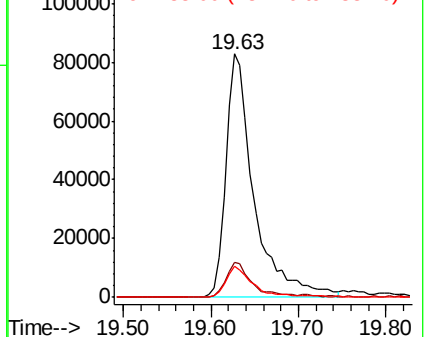
184 100

185 14.5 11.8 17.6

183 12.6 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: 39.227 ng

RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

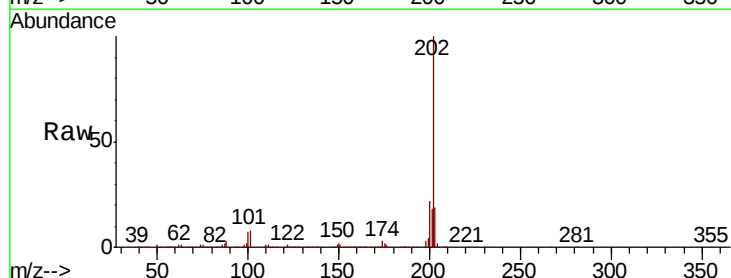
Tgt Ion:202 Resp: 739918

Ion Ratio Lower Upper

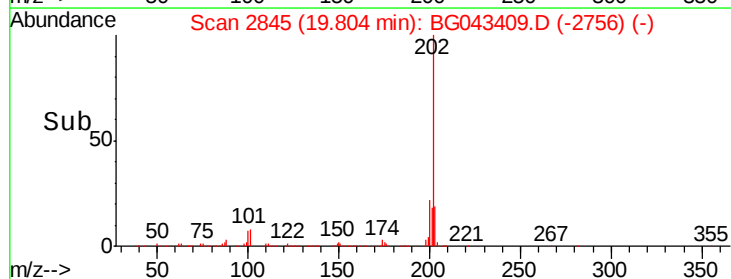
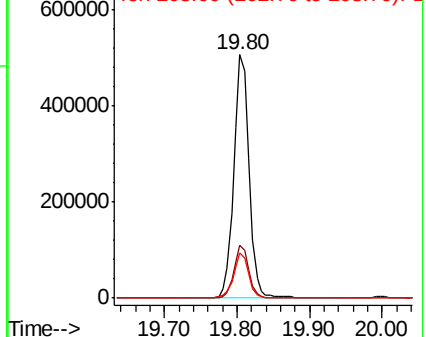
202 100

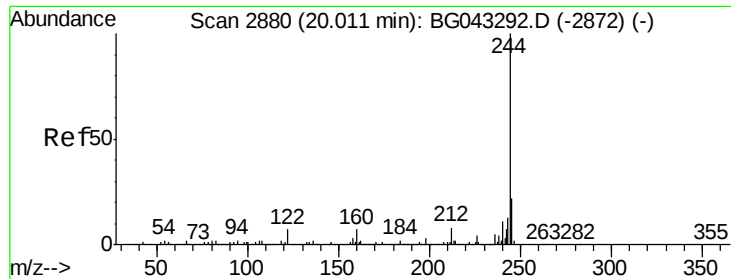
200 22.0 17.3 25.9

203 18.8 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: 59.722 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampled :

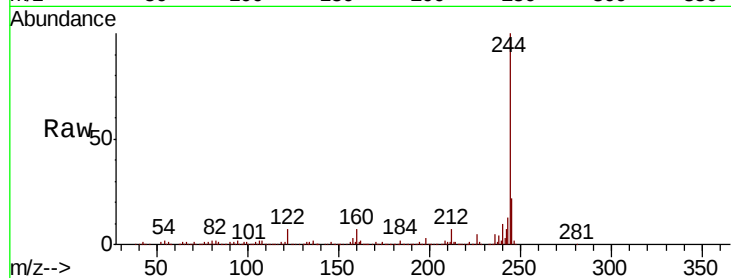
Tot Ion:244 Resp: 970060

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

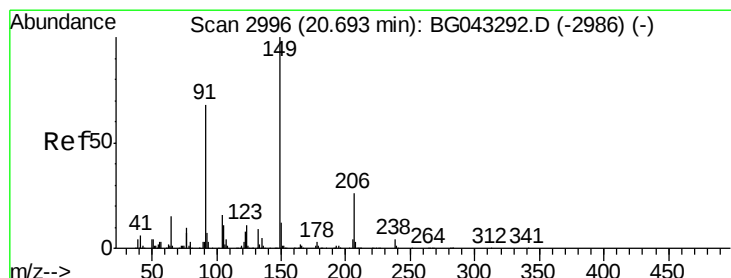
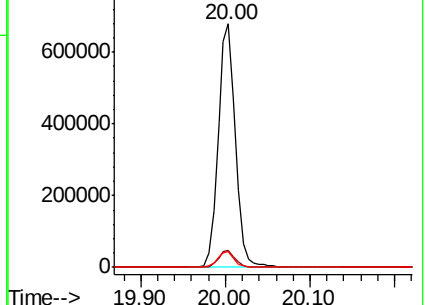
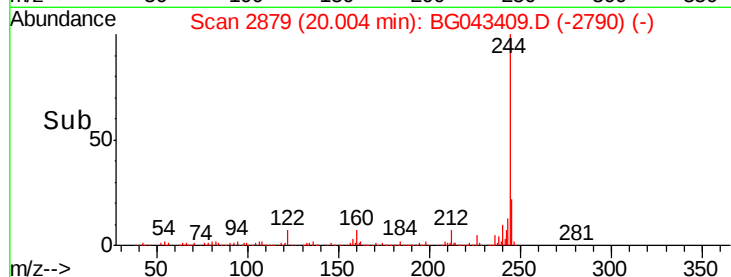
122 6.6 5.3 7.9



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: 38.659 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

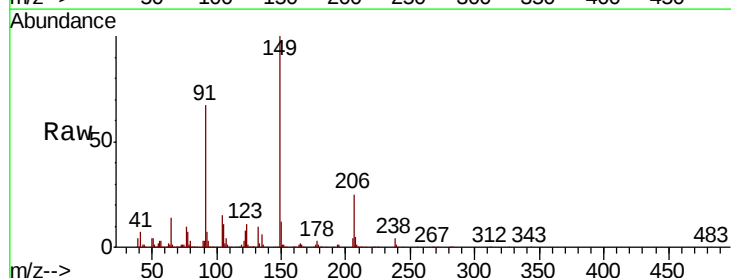
Tgt Ion:149 Resp: 276264

Ion Ratio Lower Upper

149 100

91 67.2 54.6 82.0

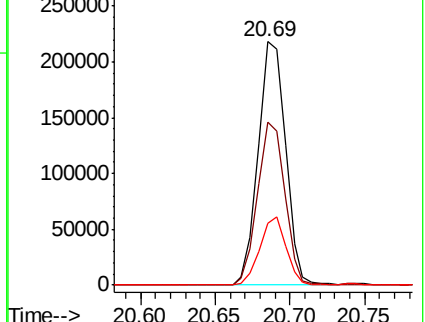
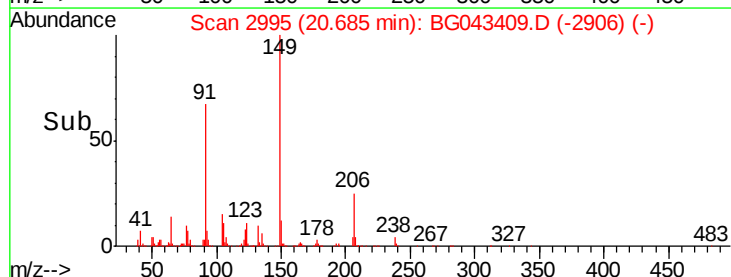
206 25.4 20.5 30.7

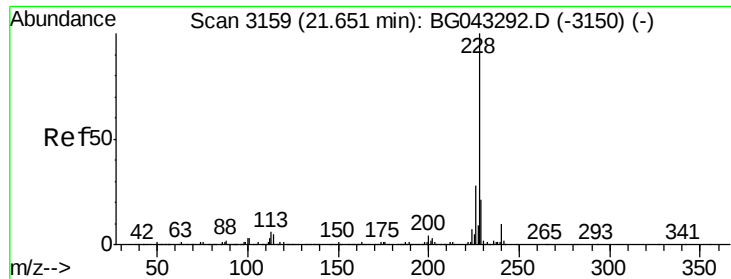


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.030 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

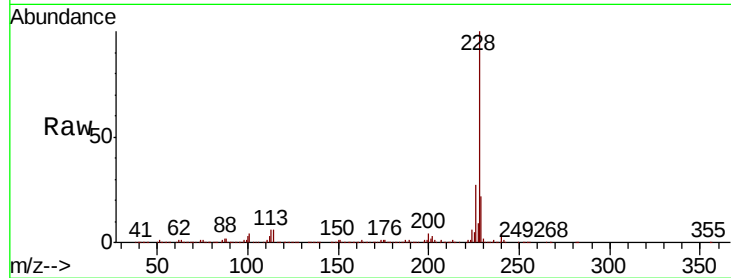
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 764091

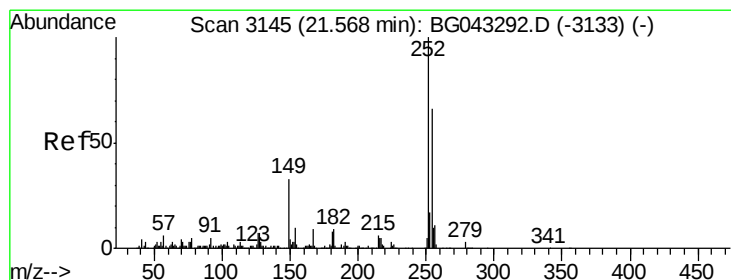
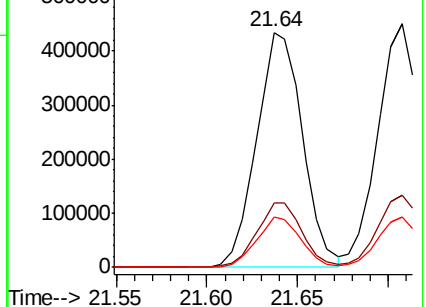
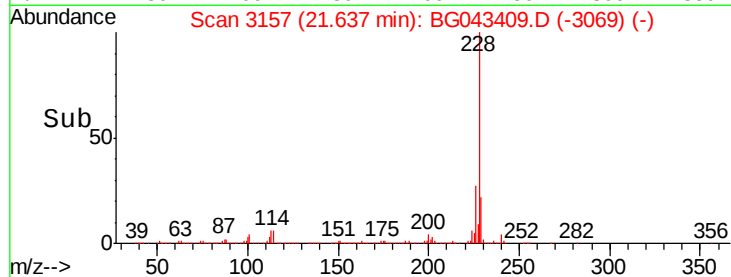
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.4
229	21.5	16.9	25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.688 ng

RT: 21.55 min Scan# 3143

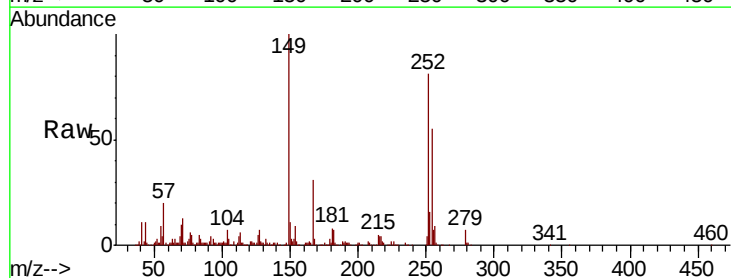
Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Tgt Ion:252 Resp: 189651

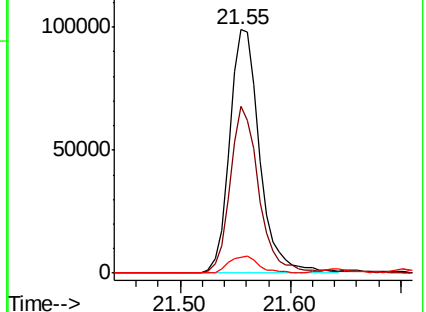
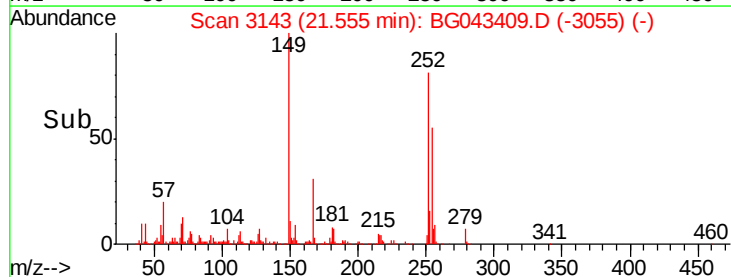
Ion	Ratio	Lower	Upper
252	100		
254	68.3	52.7	79.1
126	6.7	5.6	8.4

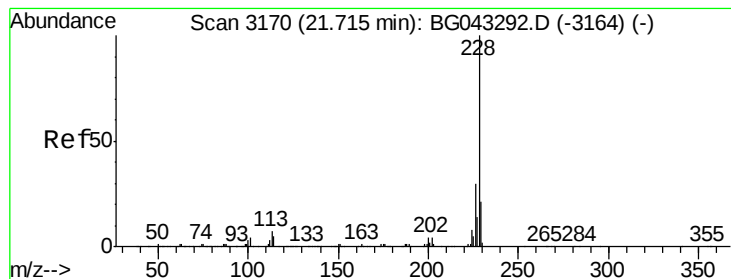


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.859 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

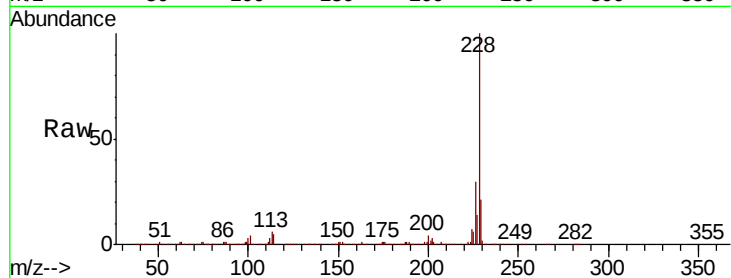
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 755944

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	20.8	16.3	24.5



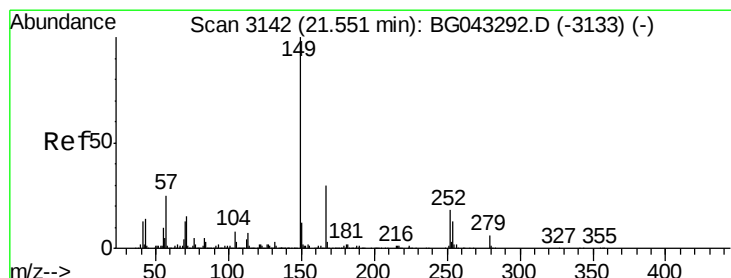
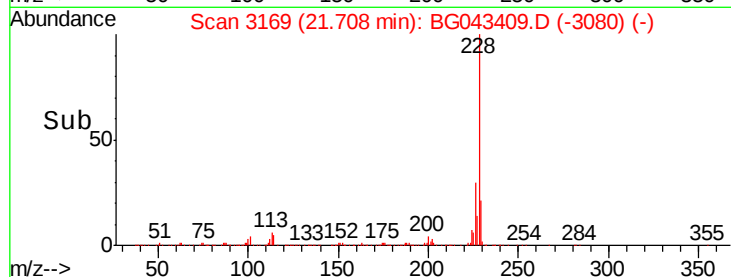
Abundance

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

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.677 ng

RT: 21.54 min Scan# 3141

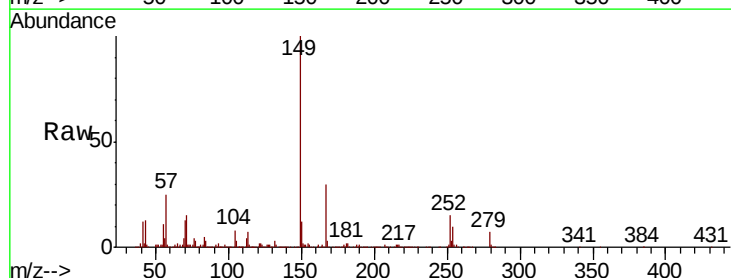
Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Tgt Ion:149 Resp: 402767

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.9	35.9
279	6.6	4.8	7.2



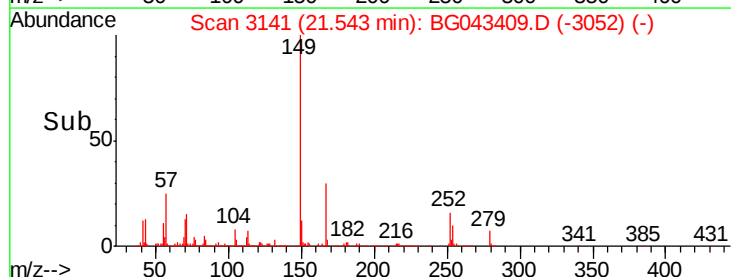
Abundance

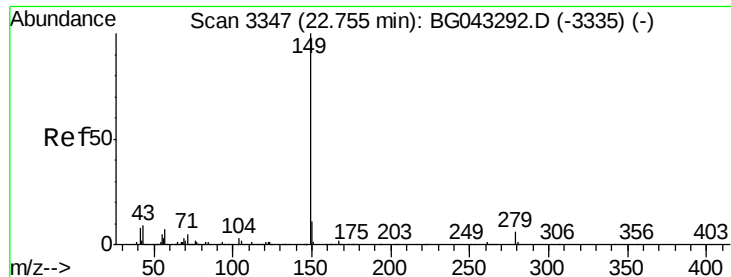
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#85

Di-n-octyl phthalate

Concen: 40.865 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampled :

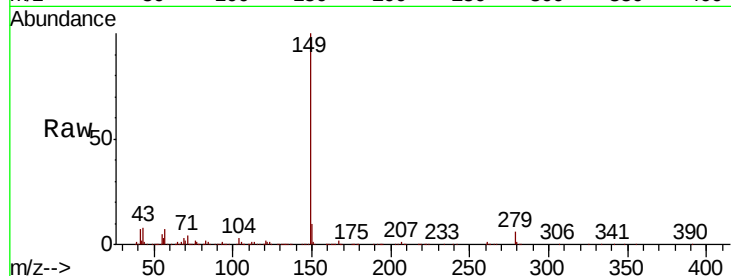
Tot Ion:149 Resp: 703785

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

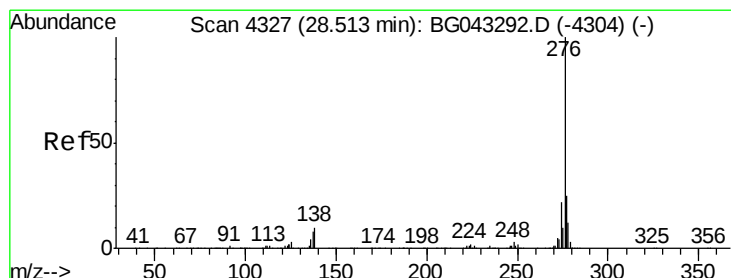
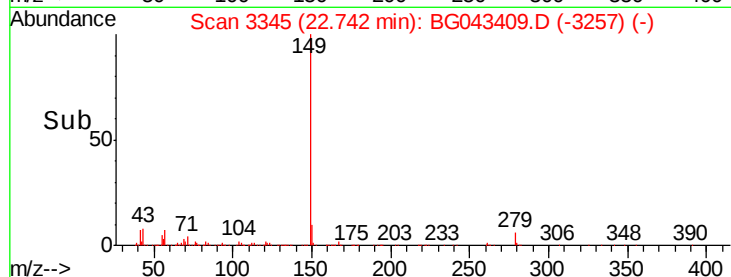
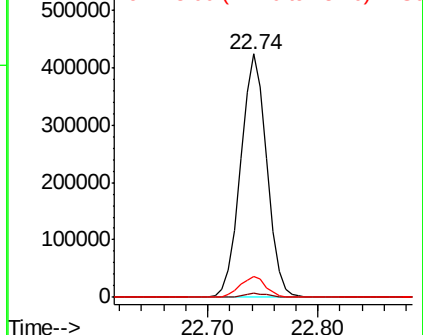
43 8.5 6.9 10.3



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: 40.957 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.02 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

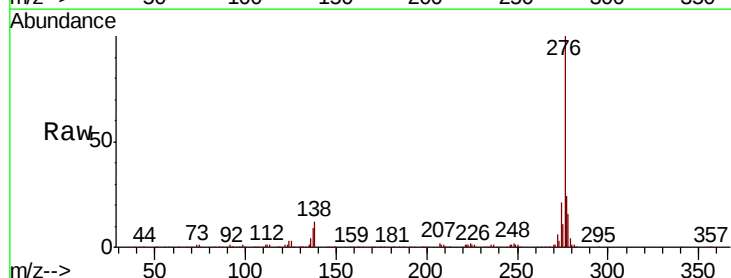
Tgt Ion:276 Resp: 975046

Ion Ratio Lower Upper

276 100

138 13.7 7.2 10.8#

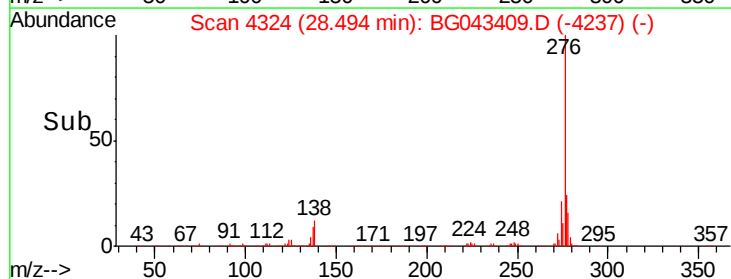
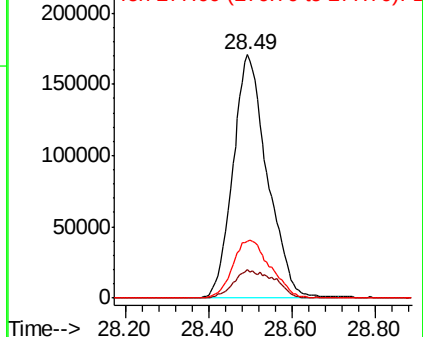
277 26.2 20.9 31.3

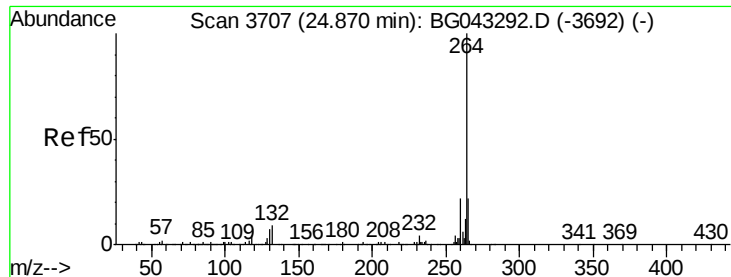


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

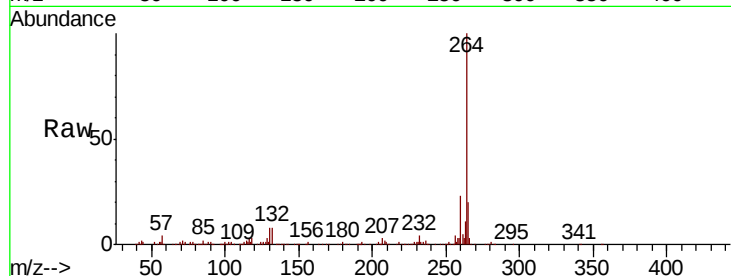
Tot Ion:264 Resp: 356298

Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

265 20.1 17.4 26.2

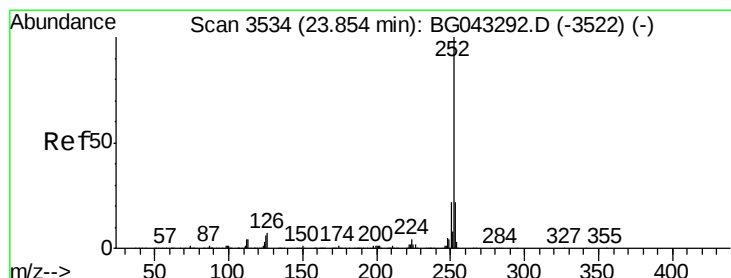
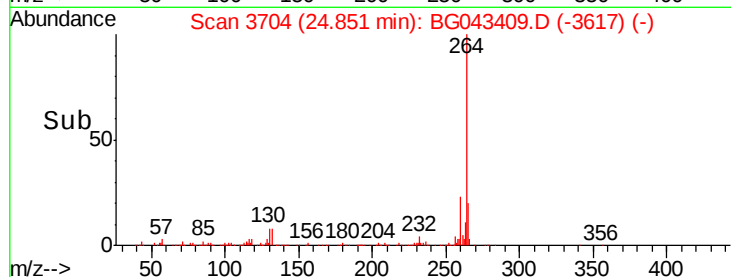
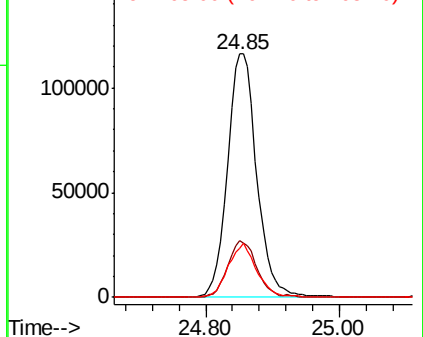


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.321 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

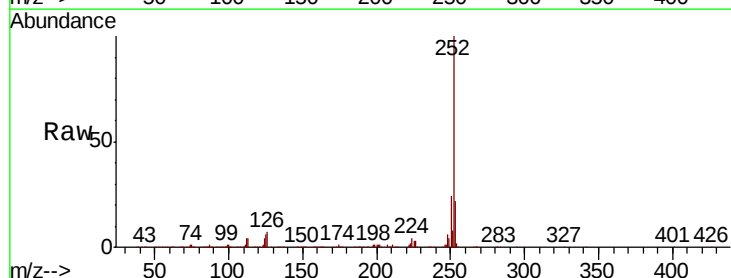
Tgt Ion:252 Resp: 813655

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 6.0 5.0 7.6

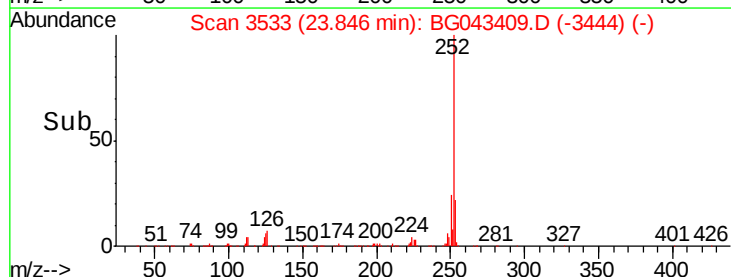
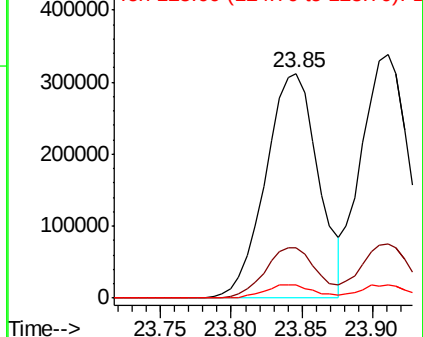


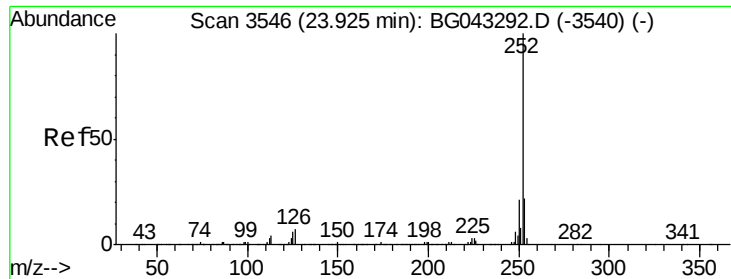
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

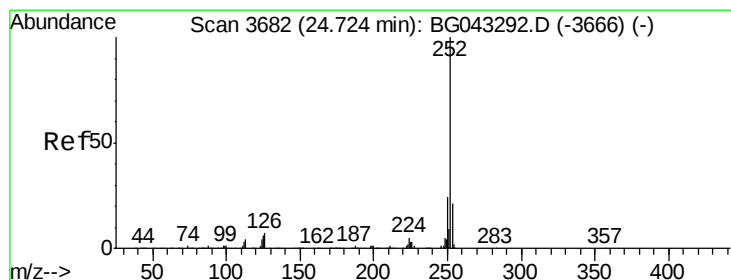
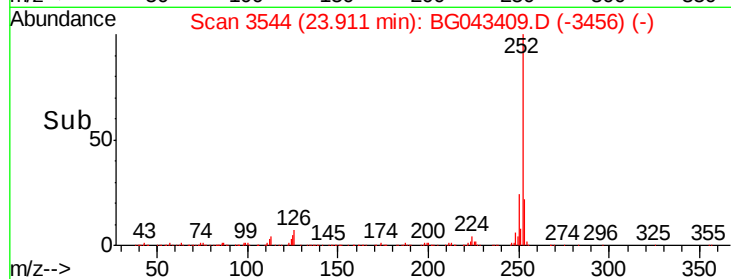
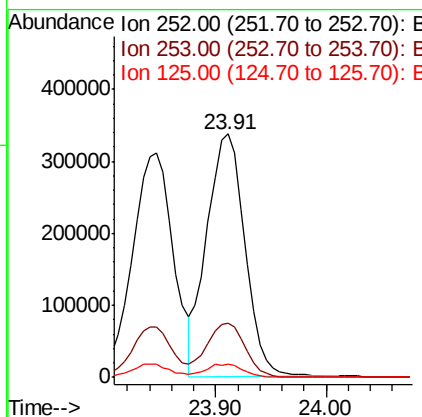
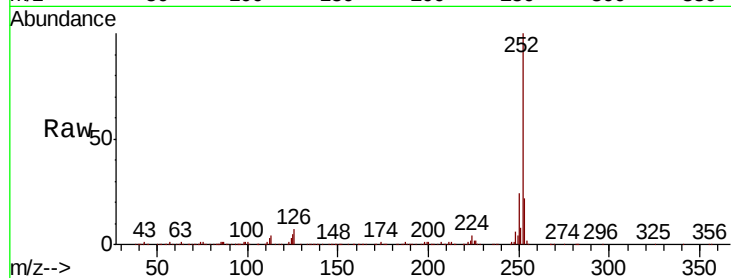




#89
Benzo(k)fluoranthene
Concen: 39.626 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

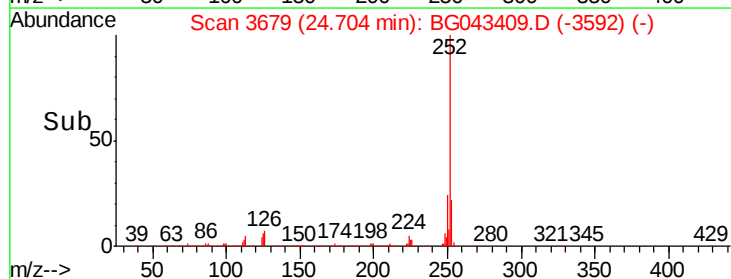
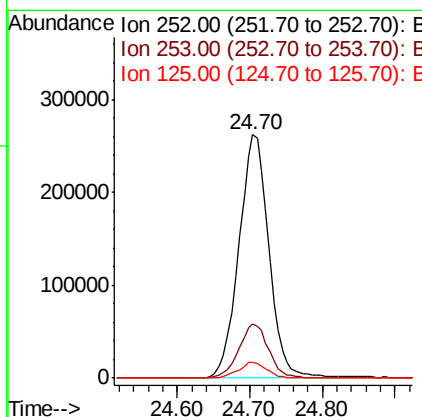
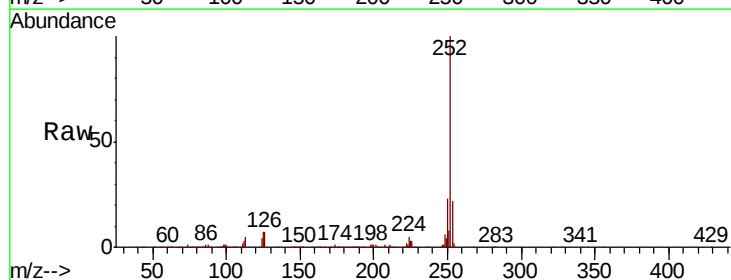
Instrument :
BNA_G
ClientSampleId :

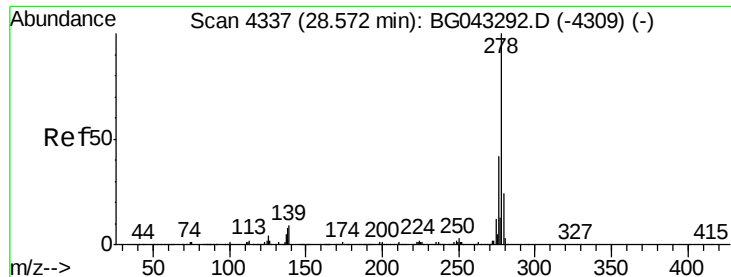
Tot Ion:252 Resp: 805007
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 5.3 4.5 6.7



#90
Benzo(a)pyrene
Concen: 39.024 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG043409.D
Acq: 30 Oct 2019 20:33

Tgt Ion:252 Resp: 751985
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 6.5 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 41.977 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.02 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

Instrument :

BNA_G

ClientSampleId :

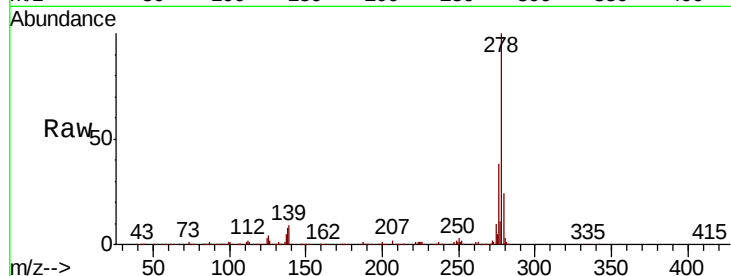
Tot Ion:278 Resp: 827391

Ion Ratio Lower Upper

278 100

139 9.5 6.8 10.2

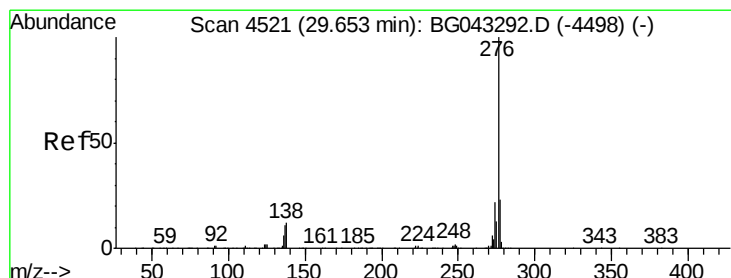
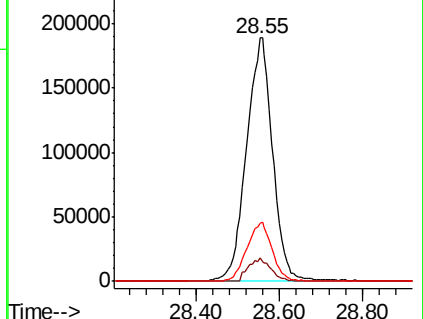
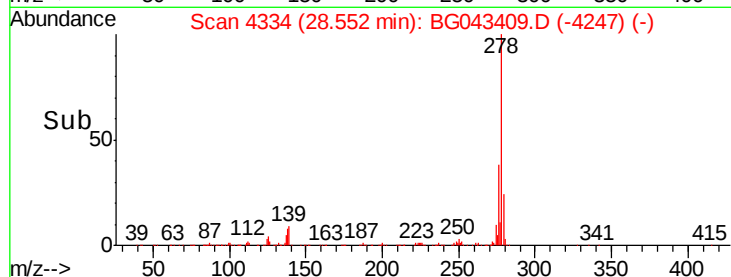
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.678 ng

RT: 29.64 min Scan# 4519

Delta R.T. -0.01 min

Lab File: BG043409.D

Acq: 30 Oct 2019 20:33

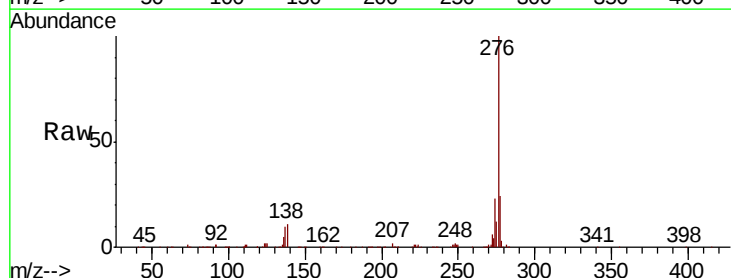
Tgt Ion:276 Resp: 829756

Ion Ratio Lower Upper

276 100

277 24.4 18.3 27.5

138 10.6 9.3 13.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

