

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043462.D
 Acq On : 1 Nov 2019 12:49
 Operator : JU
 Sample : PB124454BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Quant Time: Nov 22 05:34:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34198	20.00	ng	0.02
21) Naphthalene-d8	10.82	136	144342	20.00	ng	0.02
39) Acenaphthene-d10	14.64	164	124028	20.00	ng	0.02
64) Phenanthrene-d10	17.39	188	294807	20.00	ng	0.02
76) Chrysene-d12	21.66	240	331075	20.00	ng	0.02
87) Perylene-d12	24.85	264	370371	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	250294	134.12	ng	0.02
7) Phenol-d6	7.20	99	336198	125.21	ng	0.01
23) Nitrobenzene-d5	9.18	82	167323	59.76	ng	0.02
42) 2,4,6-Tribromophenol	16.13	330	228819	96.95	ng	0.02
45) 2-Fluorobiphenyl	13.27	172	467038	52.03	ng	0.02
79) Terphenyl-d14	19.99	244	945869	53.60	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	28392	39.040	ng	93
3) Pyridine	3.87	79	70653	38.512	ng	99
4) n-Nitrosodimethylamine	3.79	42	43125	46.585	ng	# 88
6) Aniline	7.34	93	108750	35.159	ng	95
8) 2-Chlorophenol	7.59	128	99252	48.178	ng	98
9) Benzaldehyde	7.15	77	56759	43.013	ng	94
10) Phenol	7.23	94	121829	49.653	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	80706	42.544	ng	93
12) 1,3-Dichlorobenzene	7.90	146	107755	41.747	ng	99
13) 1,4-Dichlorobenzene	8.04	146	109953	42.103	ng	98
14) 1,2-Dichlorobenzene	8.37	146	106214	41.655	ng	98
15) Benzyl Alcohol	8.26	79	88434	46.896	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	107680	39.037	ng	99
17) 2-Methylphenol	8.47	107	82441	46.090	ng	93
18) Hexachloroethane	9.10	117	37459	39.757	ng	89
19) n-Nitroso-di-n-propylamine	8.81	70	71544	41.234	ng	# 90
20) 3+4-Methylphenols	8.80	107	118310	48.236	ng	90
22) Acetophenone	8.84	105	141749	38.347	ng	95
24) Nitrobenzene	9.22	77	109787	41.163	ng	# 94
25) Isophorone	9.74	82	201152	39.297	ng	99
26) 2-Nitrophenol	9.93	139	58101	45.122	ng	94
27) 2,4-Dimethylphenol	9.99	122	96182	52.116	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	112224	39.723	ng	97
29) 2,4-Dichlorophenol	10.48	162	108693	45.966	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	117008	39.260	ng	96
31) Naphthalene	10.87	128	303983	41.490	ng	97
32) Benzoic acid	10.16	122	53677	39.959	ng	96
33) 4-Chloroaniline	10.99	127	74489	24.802	ng	99
34) Hexachlorobutadiene	11.16	225	82679	37.528	ng	97
35) Caprolactam	11.75	113	18305	22.477	ng	# 76
36) 4-Chloro-3-methylphenol	12.12	107	116123	45.021	ng	96
37) 2-Methylnaphthalene	12.47	142	235650	41.918	ng	97
38) 1-Methylnaphthalene	12.69	142	225392	42.138	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	152160	33.150	ng	99

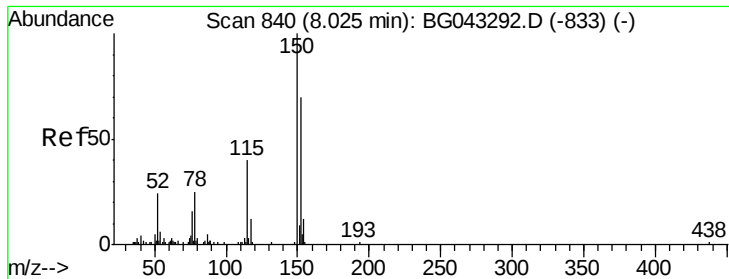
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043462.D
 Acq On : 1 Nov 2019 12:49
 Operator : JU
 Sample : PB124454BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Quant Time: Nov 22 05:34:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	179925	74.620	nq	99
43) 2,4,6-Trichlorophenol	13.08	196	100999	37.363	nq	93
44) 2,4,5-Trichlorophenol	13.17	196	108221	39.600	nq	99
46) 1,1'-Biphenyl	13.48	154	322599	34.190	nq	99
47) 2-Chloronaphthalene	13.52	162	248625	34.632	nq	95
48) 2-Nitroaniline	13.73	65	76983	35.878	nq	96
49) Acenaphthylene	14.37	152	405053	36.252	nq	98
50) Dimethylphthalate	14.10	163	335712	34.945	nq	100
51) 2,6-Dinitrotoluene	14.21	165	77280	37.028	nq	92
52) Acenaphthene	14.71	154	241183	35.396	nq	99
53) 3-Nitroaniline	14.55	138	50412	25.018	nq	96
54) 2,4-Dinitrophenol	14.76	184	92562	71.840	nq	# 87
55) Dibenzofuran	15.04	168	397486	35.973	nq	98
56) 4-Nitrophenol	14.88	139	115956	85.873	nq	92
57) 2,4-Dinitrotoluene	15.01	165	108602	36.411	nq	95
58) Fluorene	15.69	166	331265	35.744	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	109919	37.857	nq	# 98
60) Diethylphthalate	15.46	149	337212	34.934	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	189876	35.120	nq	96
62) 4-Nitroaniline	15.72	138	74683	35.888	nq	98
63) Azobenzene	15.98	77	279424	35.768	nq	95
65) 4,6-Dinitro-2-methylphenol	15.77	198	70127	40.420	nq	98
66) n-Nitrosodiphenylamine	15.89	169	293181	35.225	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	136149	34.317	nq	98
68) Hexachlorobenzene	16.70	284	151533	33.274	nq	94
69) Atrazine	16.85	200	132724	45.892	nq	97
70) Pentachlorophenol	17.04	266	175905	84.768	nq	99
71) Phenanthrene	17.43	178	528486	35.008	nq	99
72) Anthracene	17.52	178	550453	36.444	nq	99
73) Carbazole	17.80	167	498524	36.447	nq	98
74) Di-n-butylphthalate	18.34	149	586352	35.330	nq	99
75) Fluoranthene	19.44	202	718886	36.527	nq	97
77) Benzidine	19.99	184	13642	2.047	nq	96
78) Pyrene	19.80	202	730250	35.634	nq	99
80) Butylbenzylphthalate	20.68	149	268915	34.636	nq	98
81) Benzo(a)anthracene	21.63	228	749543	36.143	nq	97
82) 3,3'-Dichlorobenzidine	21.55	252	234481	29.233	nq	93
83) Chrysene	21.70	228	725029	35.187	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	398545	36.136	nq	99
85) Di-n-octyl phthalate	22.74	149	688922	36.818	nq	97
86) Indeno(1,2,3-cd)pyrene	28.48	276	961497	37.174	nq	# 94
88) Benzo(b)fluoranthene	23.84	252	793327	37.820	nq	100
89) Benzo(k)fluoranthene	23.91	252	812635	38.482	nq	99
90) Benzo(a)pyrene	24.70	252	745396	37.212	nq	99
91) Dibenzo(a,h)anthracene	28.54	278	812715	39.666	nq	100
92) Benzo(g,h,i)perylene	29.62	276	816531	40.402	nq	97

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

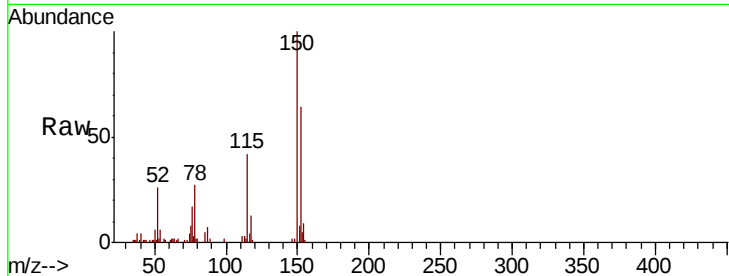


#1

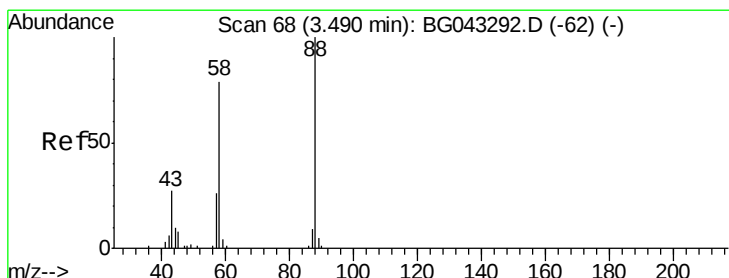
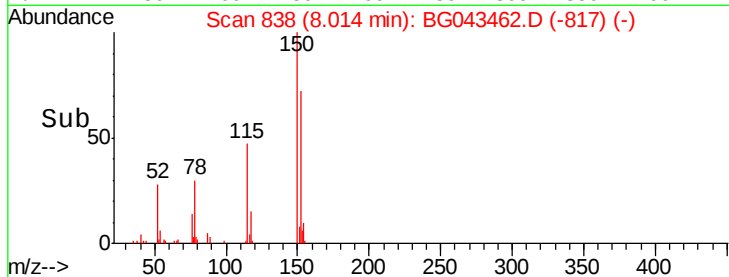
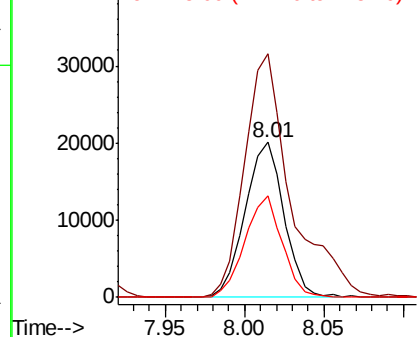
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion:152 Resp: 34198
Ion Ratio Lower Upper
152 100
150 157.1 116.6 175.0
115 65.2 40.5 60.7#



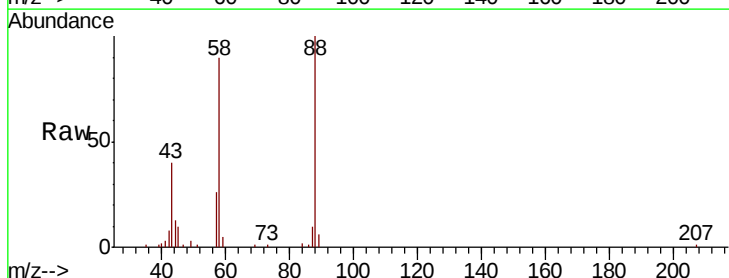
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



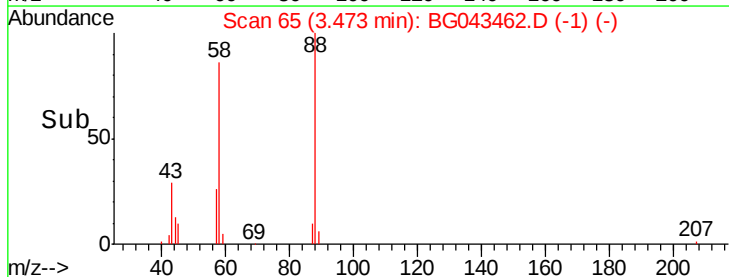
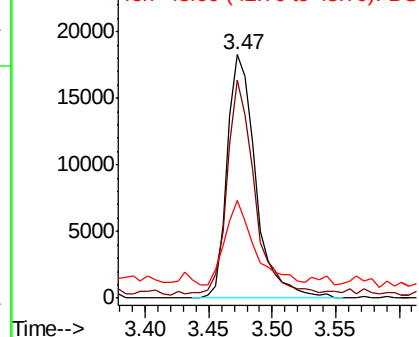
#2

1,4-Dioxane
Concen: 39.040 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion: 88 Resp: 28392
Ion Ratio Lower Upper
88 100
58 86.1 62.2 93.4
43 36.6 30.1 45.1



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: 38.512 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

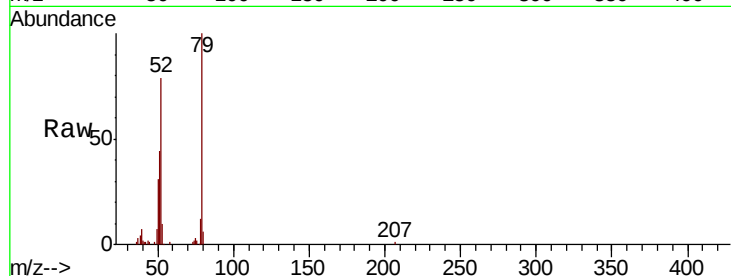
Tot Ion: 79 Resp: 70653

Ion Ratio Lower Upper

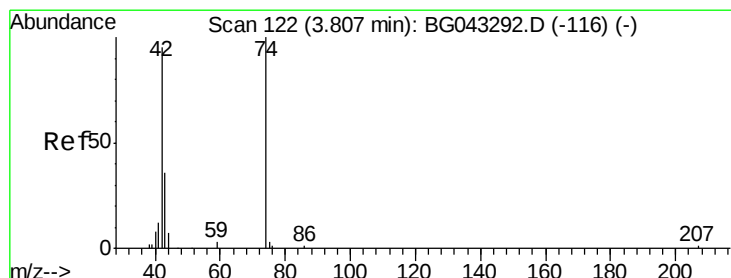
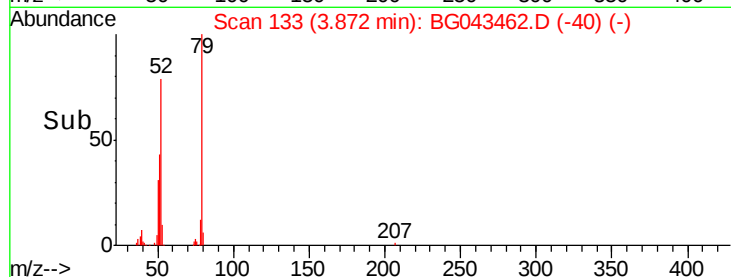
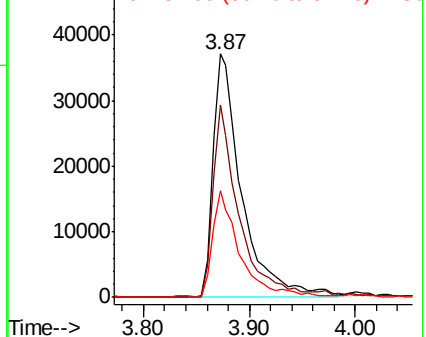
79 100

52 79.2 63.2 94.8

51 43.8 34.5 51.7



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: 46.585 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

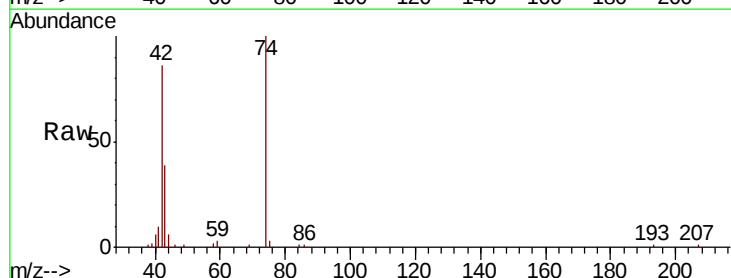
Tgt Ion: 42 Resp: 43125

Ion Ratio Lower Upper

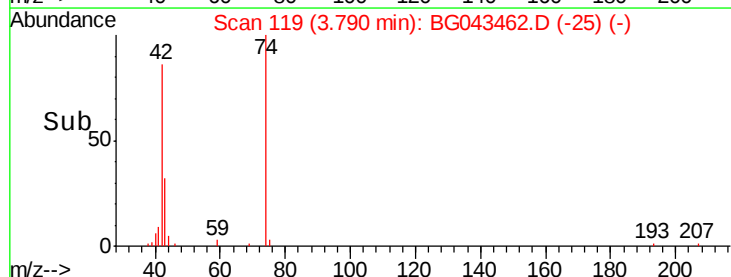
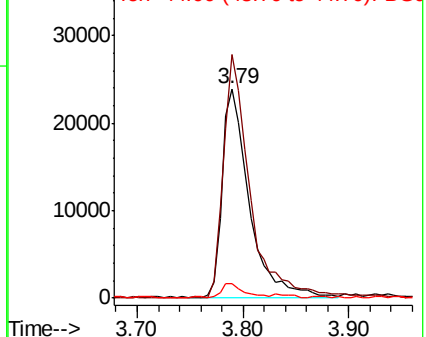
42 100

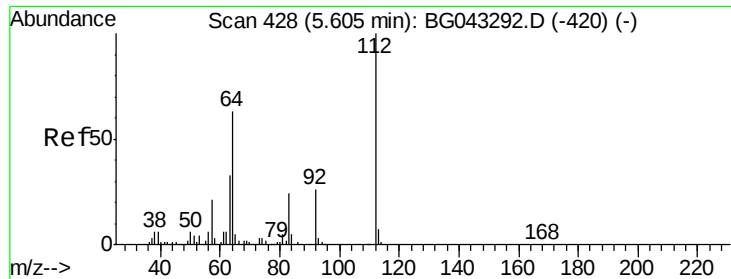
74 116.4 83.0 124.6

44 6.8 4.4 6.6#



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





#5

2-Fluorophenol

Concen: 134.116 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

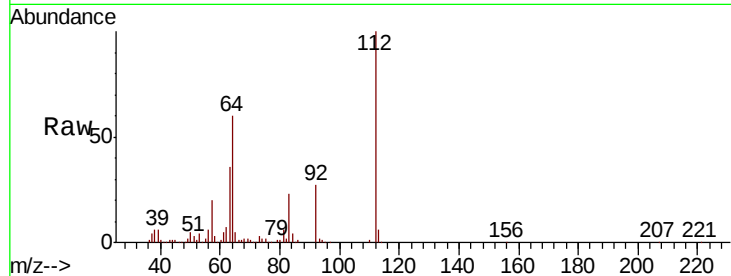
Tot Ion:112 Resp: 250294

Ion Ratio Lower Upper

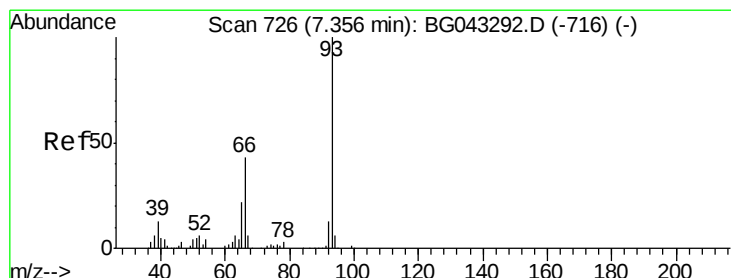
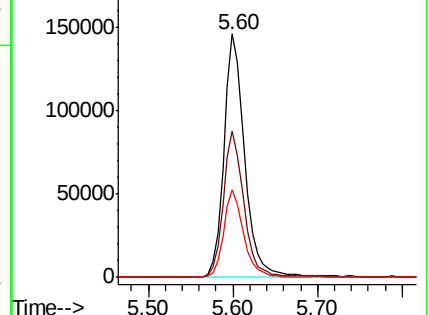
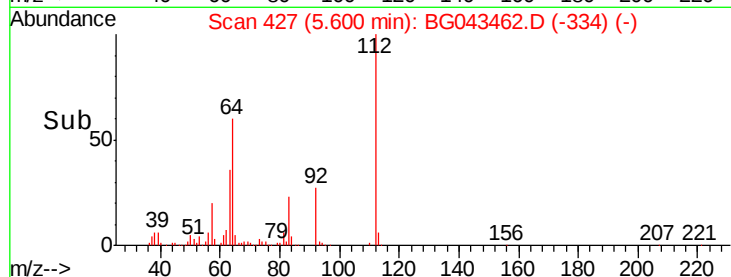
112 100

64 59.9 50.6 75.8

63 35.9 30.5 45.7



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: 35.159 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

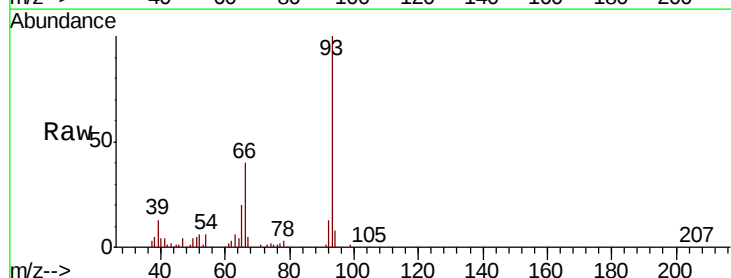
Tgt Ion: 93 Resp: 108750

Ion Ratio Lower Upper

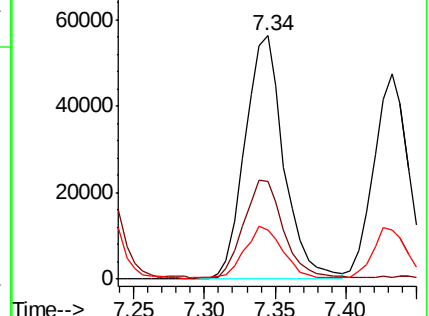
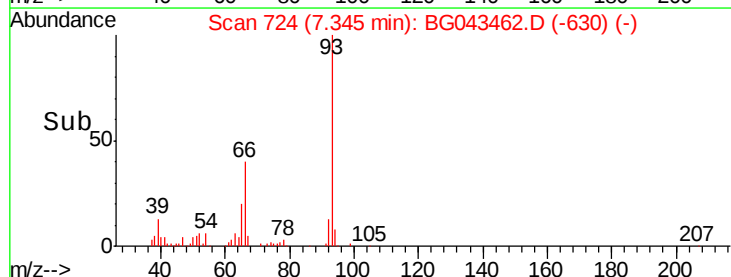
93 100

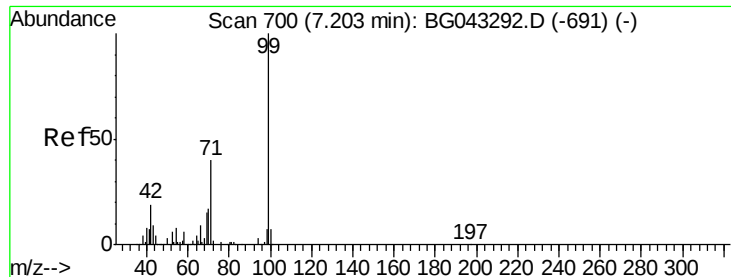
66 40.1 35.4 53.2

65 20.1 17.1 25.7



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: 125.209 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

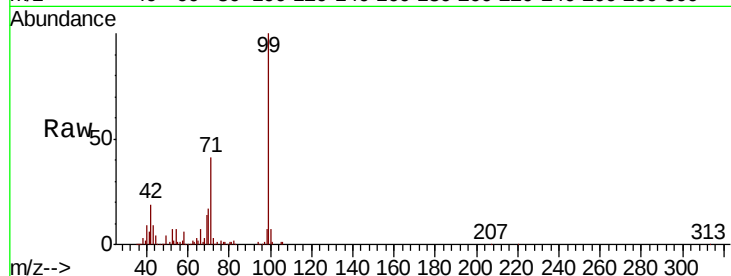
Tot Ion: 99 Resp: 336198

Ion Ratio Lower Upper

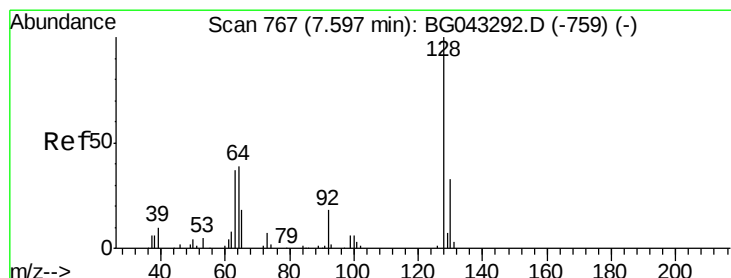
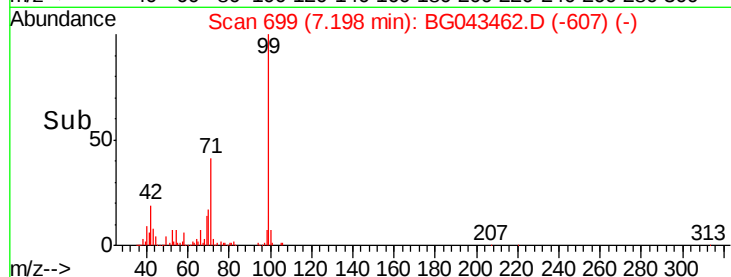
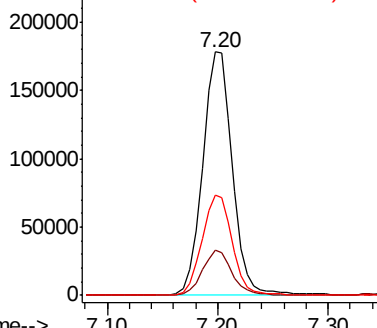
99 100

42 18.6 15.8 23.8

71 41.4 34.4 51.6



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: 48.178 ng

RT: 7.59 min Scan# 765

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

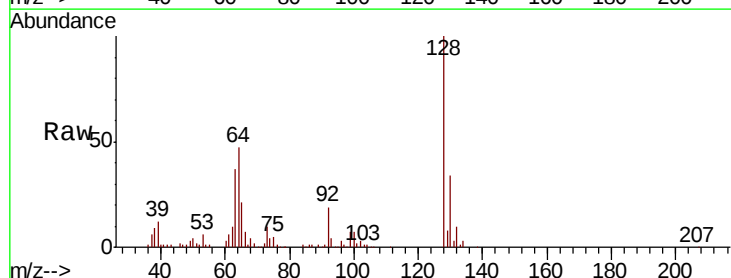
Tgt Ion: 128 Resp: 99252

Ion Ratio Lower Upper

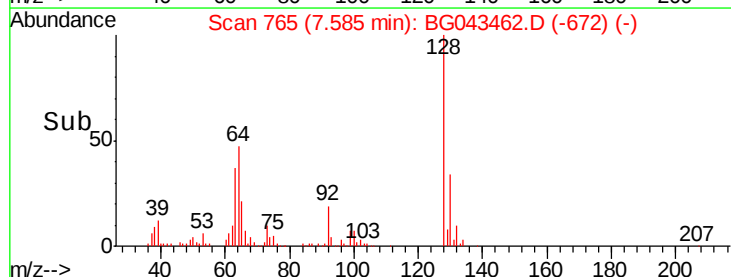
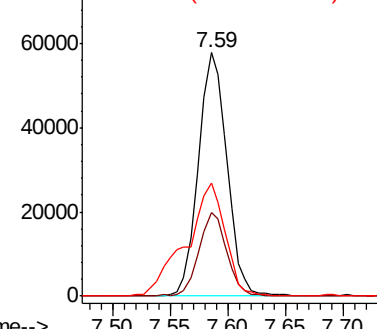
128 100

130 34.5 14.5 54.5

64 46.5 29.2 69.2



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





#9

Benzaldehyde

Concen: 43.013 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

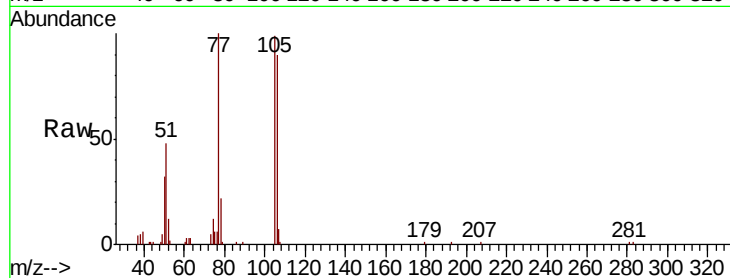
Tot Ion: 77 Resp: 56759

Ion Ratio Lower Upper

77 100

105 98.8 84.9 124.9

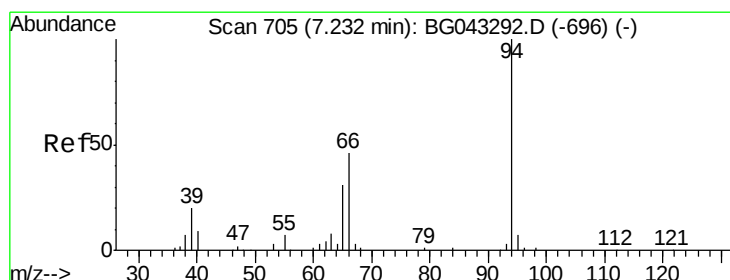
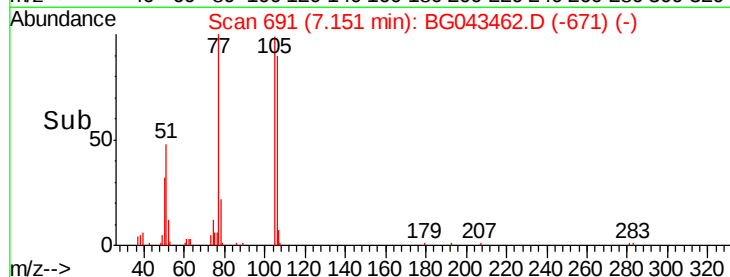
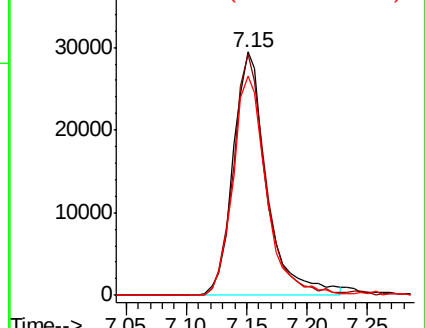
106 90.2 75.1 115.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.653 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

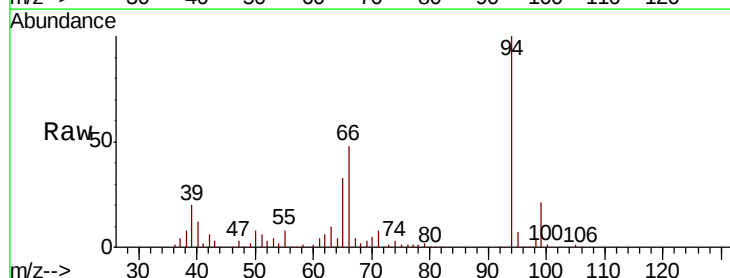
Tgt Ion: 94 Resp: 121829

Ion Ratio Lower Upper

94 100

65 32.6 11.4 51.4

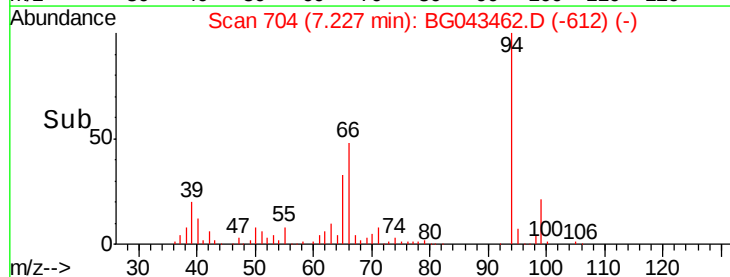
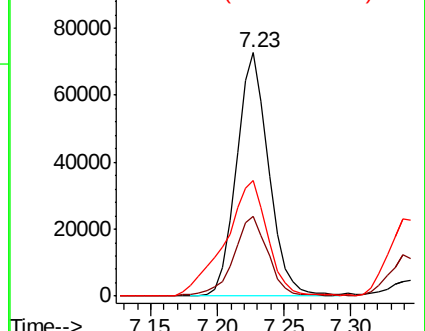
66 47.5 28.4 68.4



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

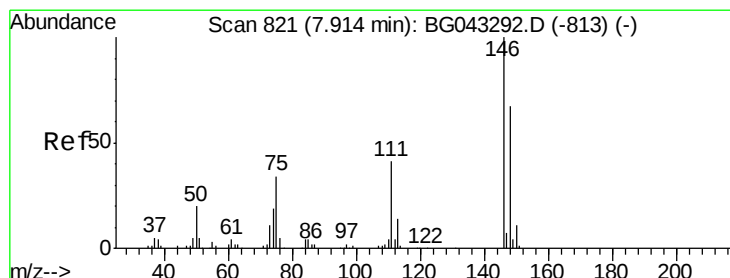
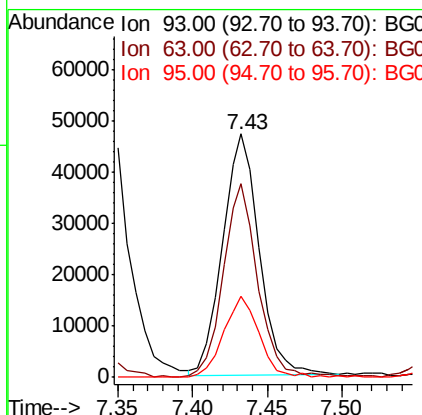
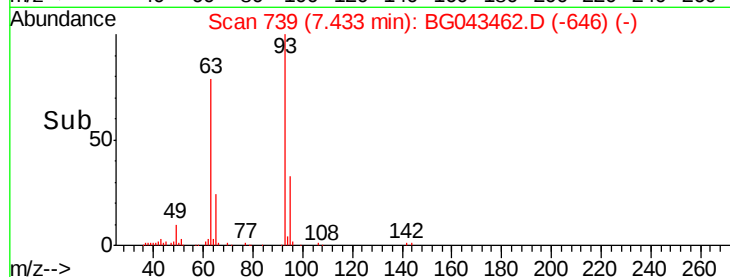
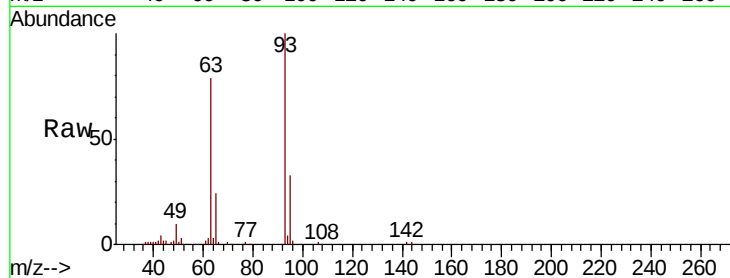




#11
bis(2-Chloroethyl)ether
Concen: 42.544 ng
RT: 7.43 min Scan# 739
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

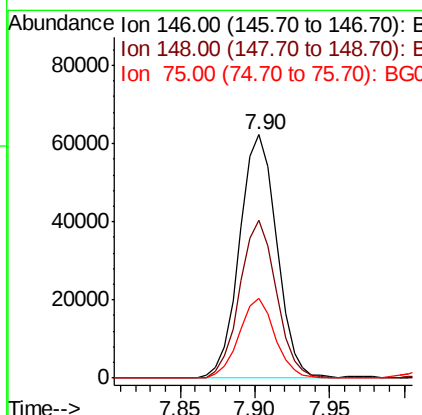
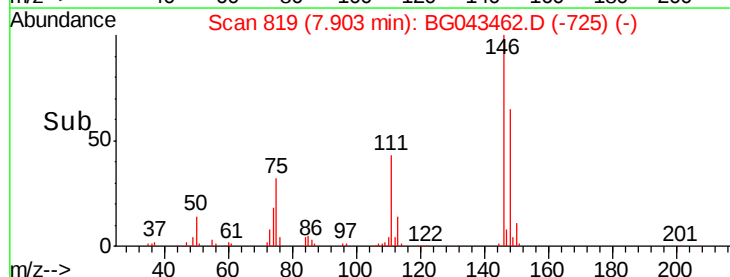
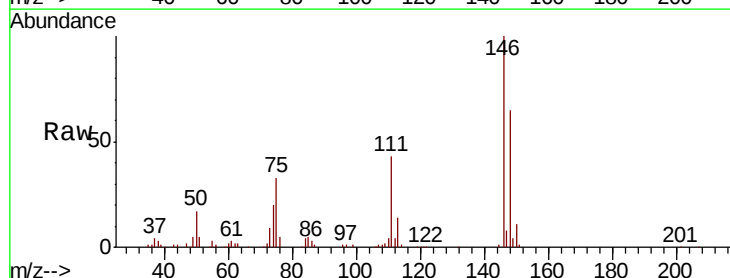
Instrument :
BNA_G
ClientSampleId :
PB124454BS

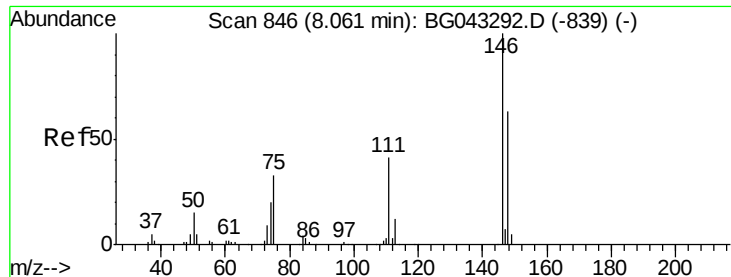
Tot Ion: 93 Resp: 80706
Ion Ratio Lower Upper
93 100
63 79.3 54.9 94.9
95 33.2 7.2 47.2



#12
1,3-Dichlorobenzene
Concen: 41.747 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion: 146 Resp: 107755
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
75 32.7 26.2 39.2

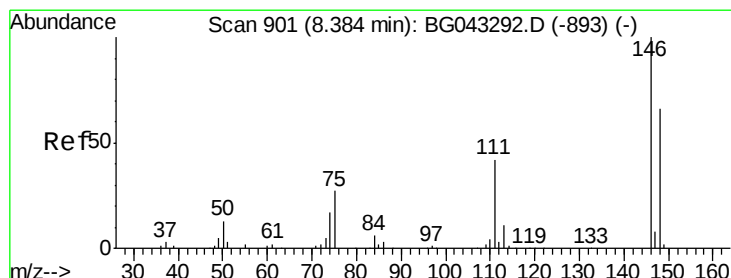
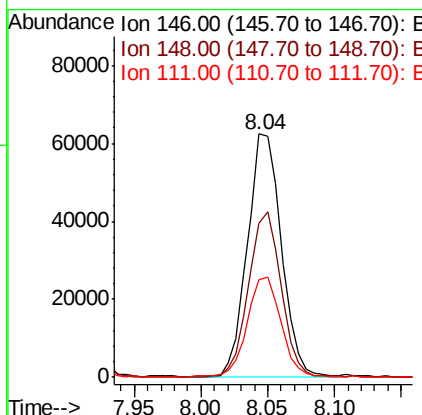
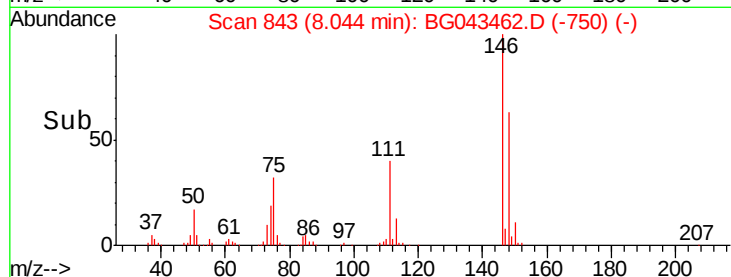
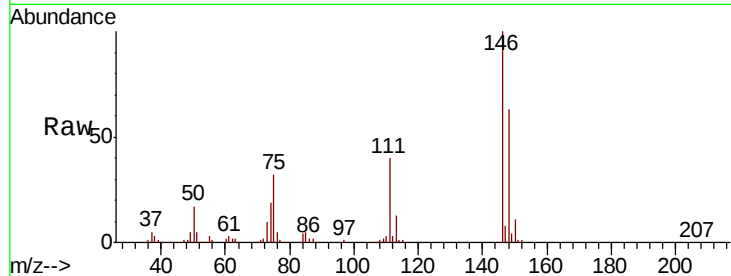




#13
 1,4-Dichlorobenzene
 Concen: 42.103 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

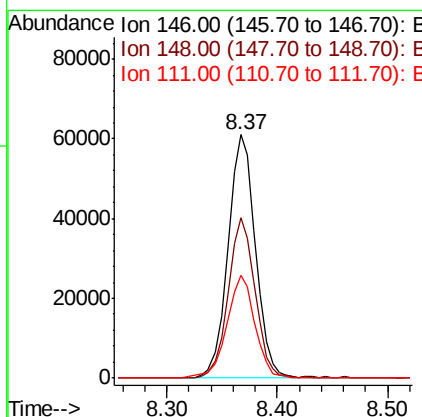
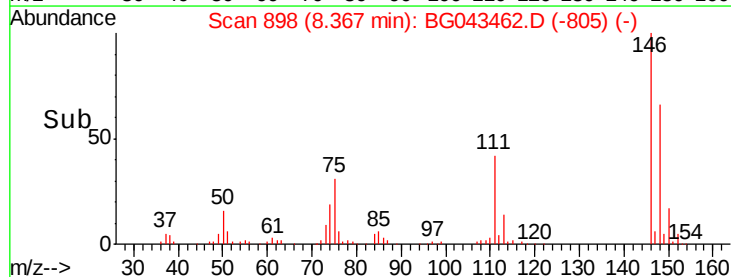
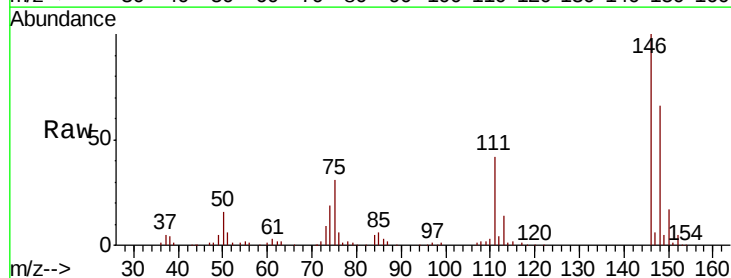
Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

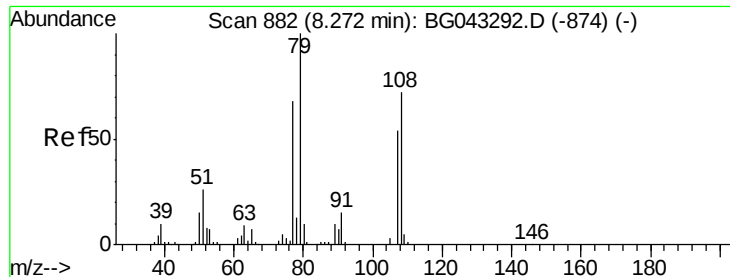
Tot Ion:146 Resp: 109953
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.0 76.6
 111 40.1 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 41.655 ng
 RT: 8.37 min Scan# 898
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion:146 Resp: 106214
 Ion Ratio Lower Upper
 146 100
 148 65.8 53.4 80.2
 111 42.0 35.3 52.9





#15

Benzyl Alcohol

Concen: 46.896 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

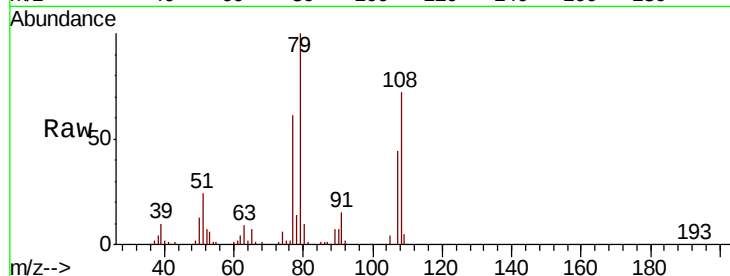
Tot Ion: 79 Resp: 88434

Ion Ratio Lower Upper

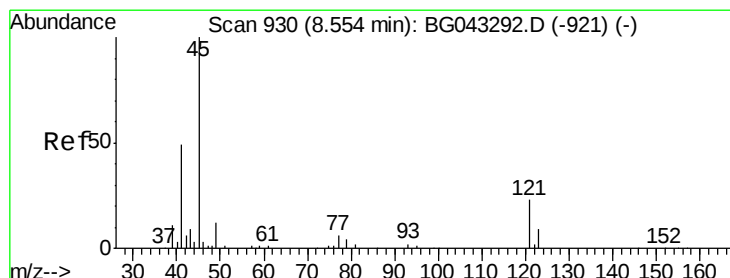
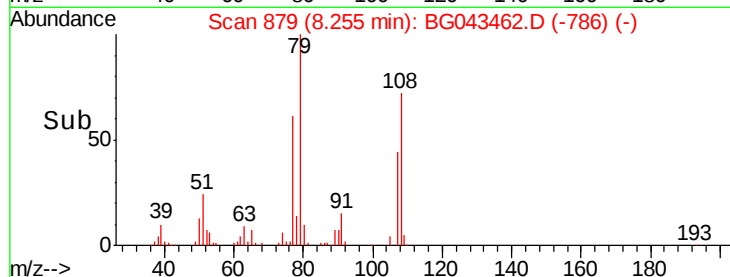
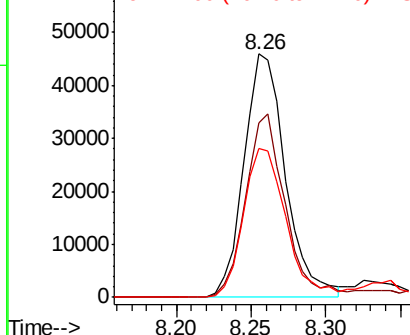
79 100

108 71.8 56.0 84.0

77 61.3 47.9 71.9



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: 39.037 ng

RT: 8.54 min Scan# 927

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

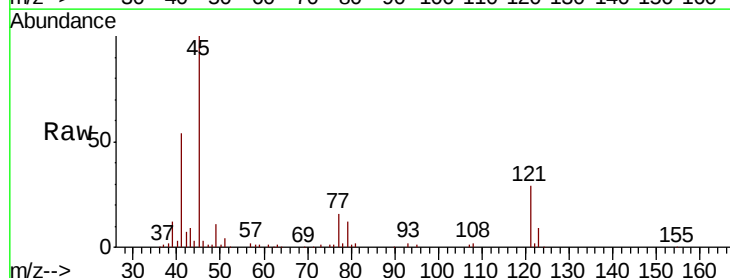
Tgt Ion: 45 Resp: 107680

Ion Ratio Lower Upper

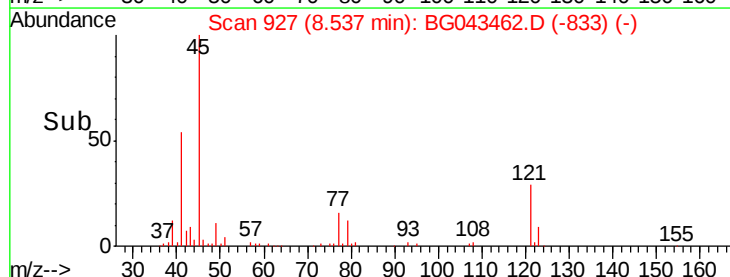
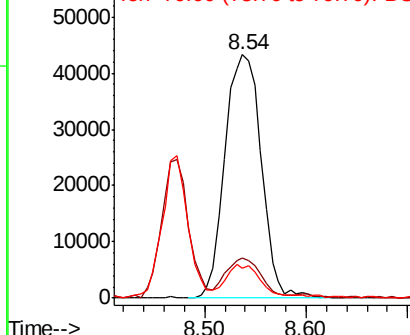
45 100

77 16.2 0.0 35.2

79 12.4 0.0 32.4



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: 46.090 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

Tot Ion:107 Resp: 82441

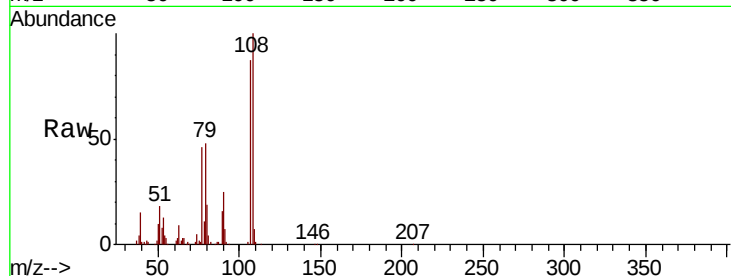
Ion Ratio Lower Upper

107 100

108 114.3 84.7 127.1

77 52.9 46.2 69.4

79 54.4 41.0 61.6

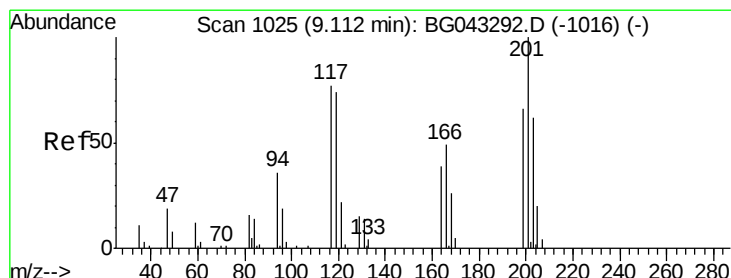
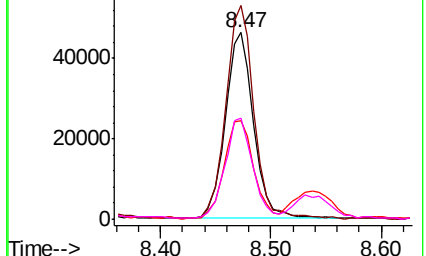
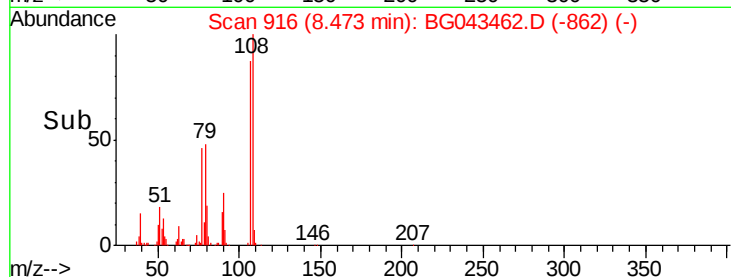


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.757 ng

RT: 9.10 min Scan# 1022

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

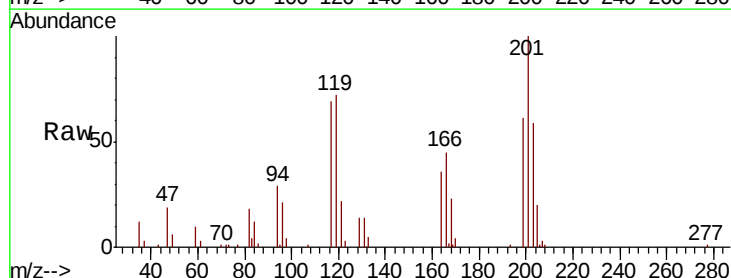
Tgt Ion:117 Resp: 37459

Ion Ratio Lower Upper

117 100

119 103.3 81.7 122.5

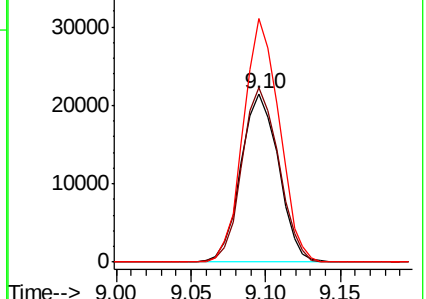
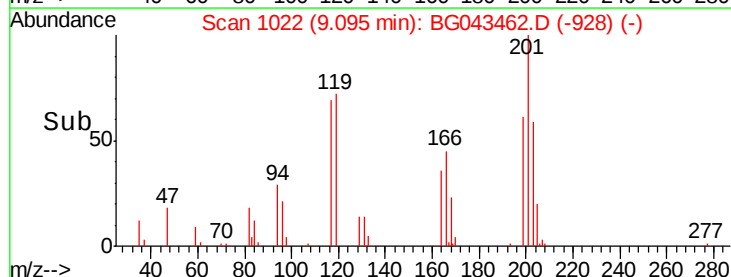
201 144.5 98.6 147.8

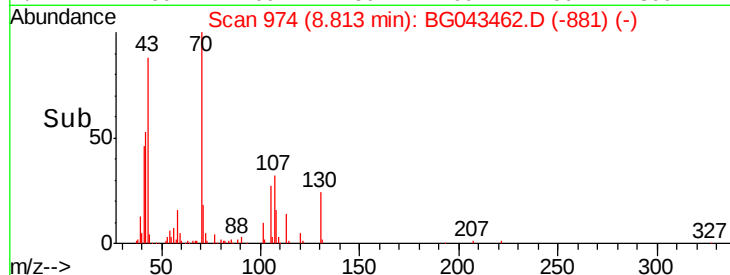
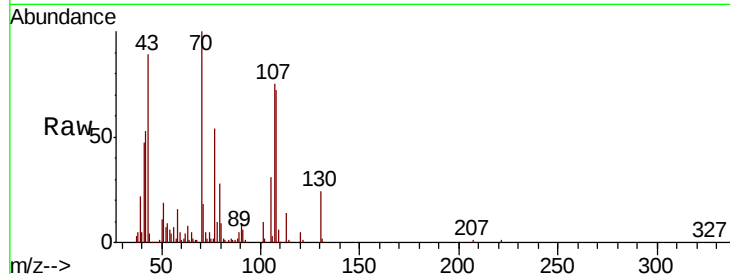
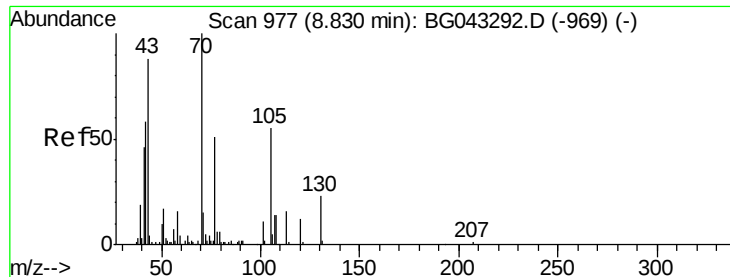


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

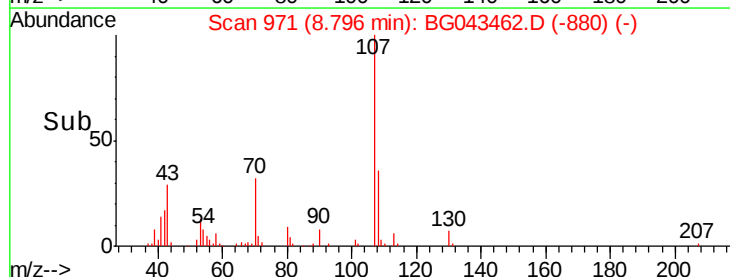
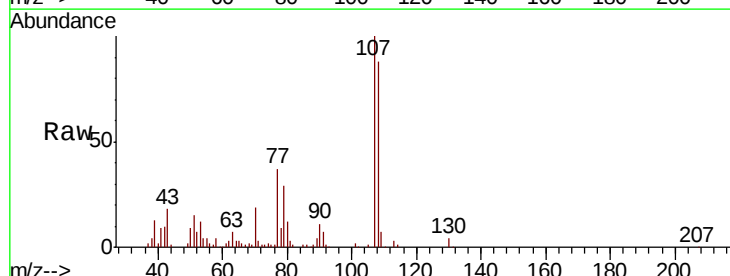
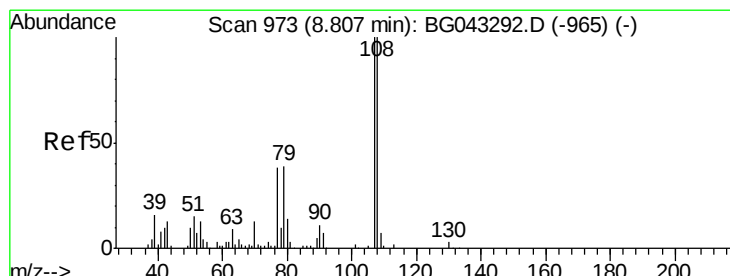
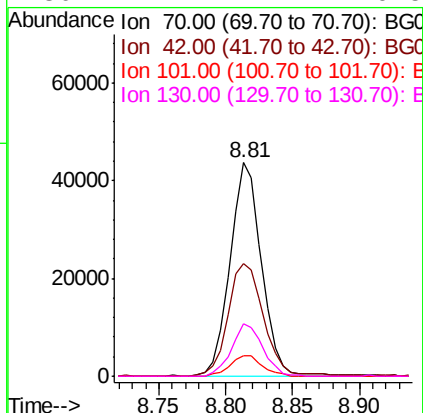




#19
n-Nitroso-di-n-propylamine
Concen: 41.234 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

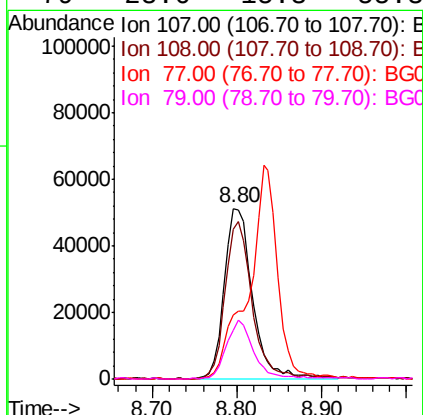
Instrument :
BNA_G
ClientSampleId :
PB124454BS

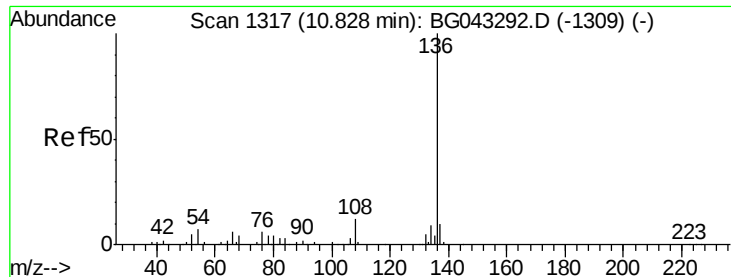
Tot Ion: 70 Resp: 71544
Ion Ratio Lower Upper
70 100
42 53.0 49.7 74.5
101 9.6 9.7 14.5#
130 24.4 17.7 26.5



#20
3+4-Methylphenols
Concen: 48.236 ng
RT: 8.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion:107 Resp: 118310
Ion Ratio Lower Upper
107 100
108 87.9 69.5 109.5
77 37.2 32.8 72.8
79 28.6 15.3 55.3

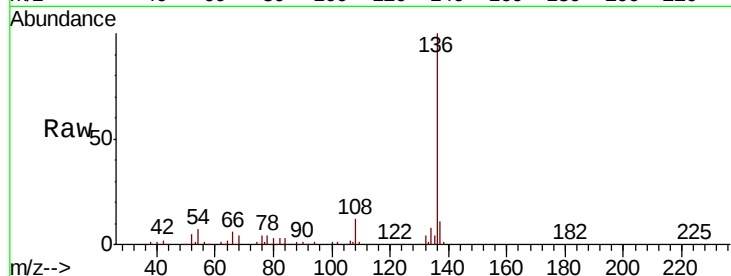




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion:136	Resp:	144342
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.8	13.2
54 7.3	6.2	9.2
68 3.6	3.4	5.0



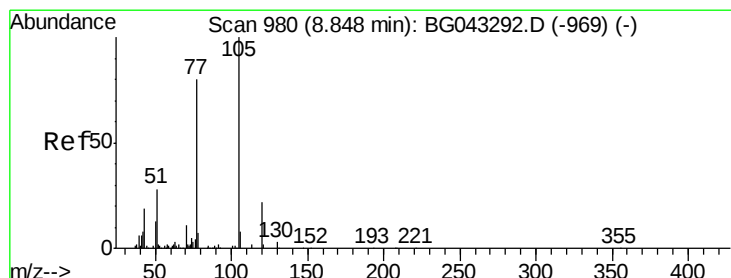
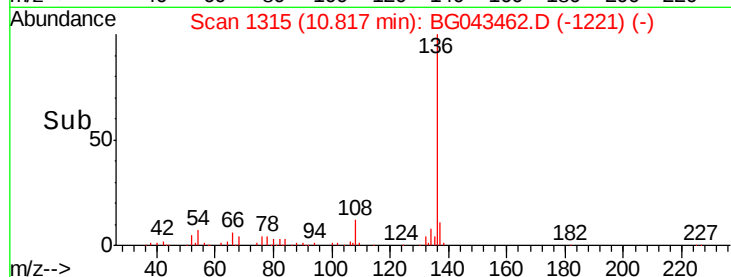
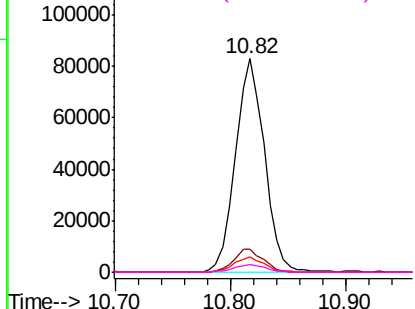
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

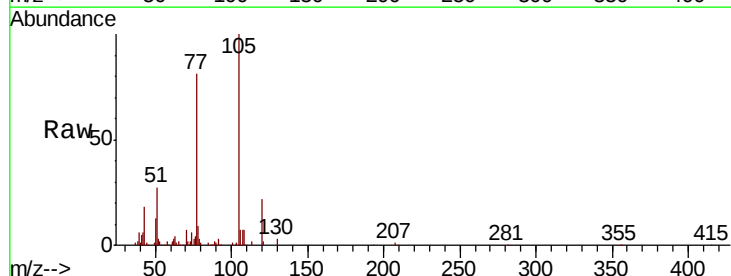
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.347 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion:105	Resp:	141749
Ion Ratio	Lower	Upper
105 100		
71 1.6	1.5	2.3
51 27.2	25.0	37.6
120 22.3	18.3	27.5



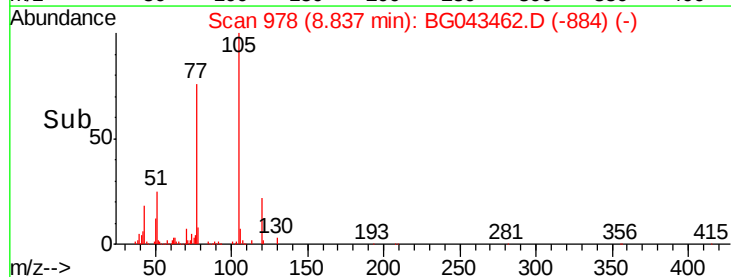
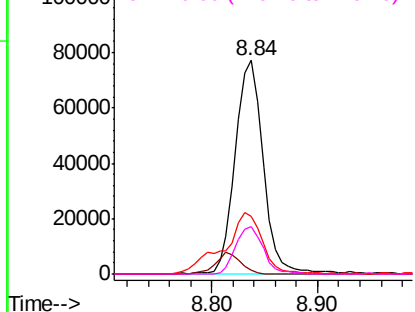
Abundance

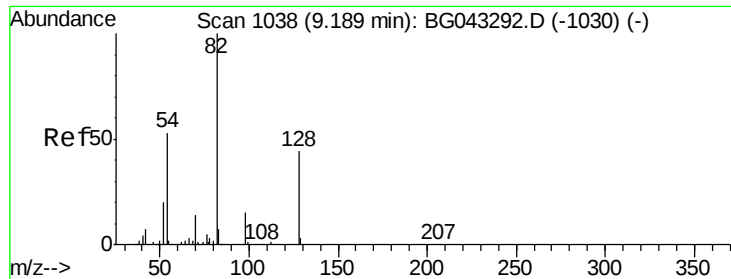
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 59.763 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

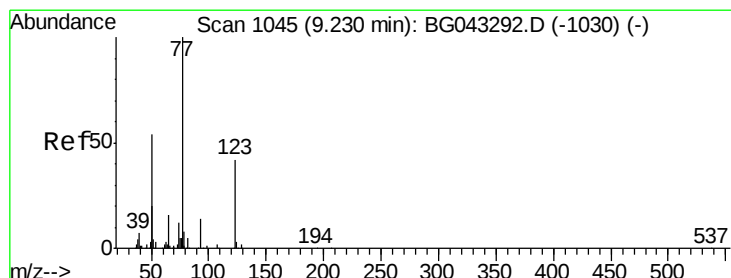
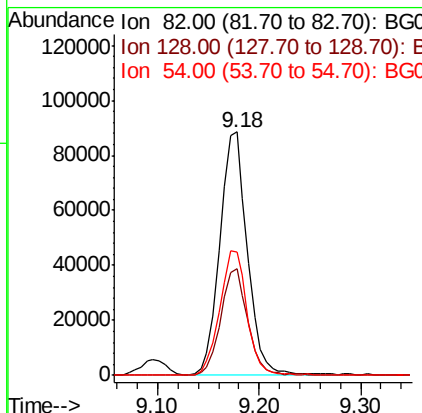
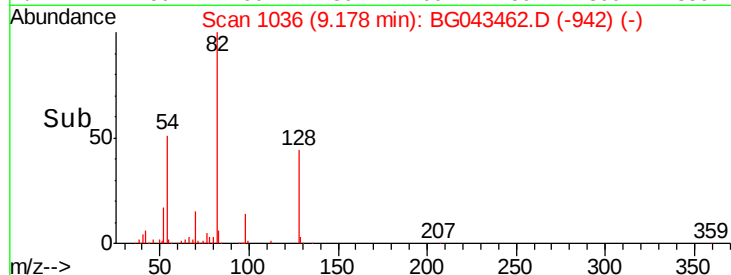
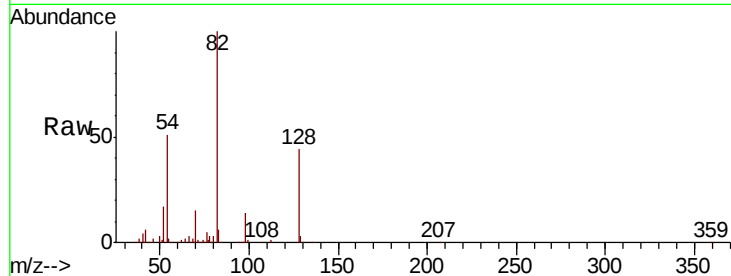
Tot Ion: 82 Resp: 167323

Ion Ratio Lower Upper

82 100

128 43.6 34.2 51.4

54 50.5 44.7 67.1



#24

Nitrobenzene

Concen: 41.163 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

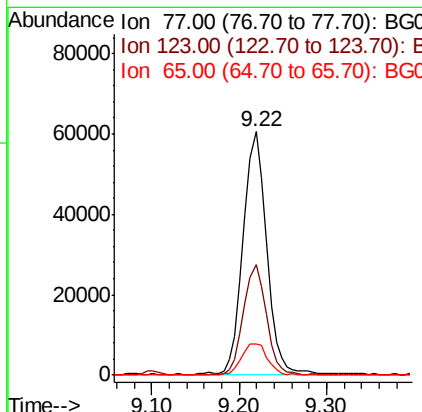
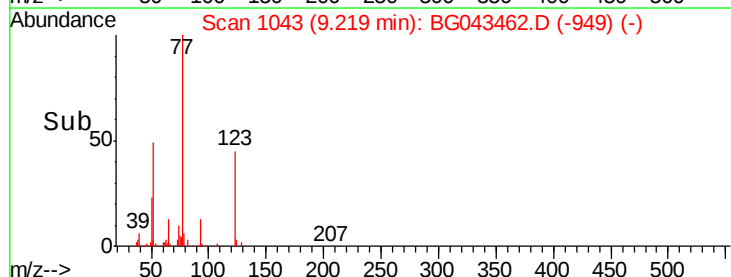
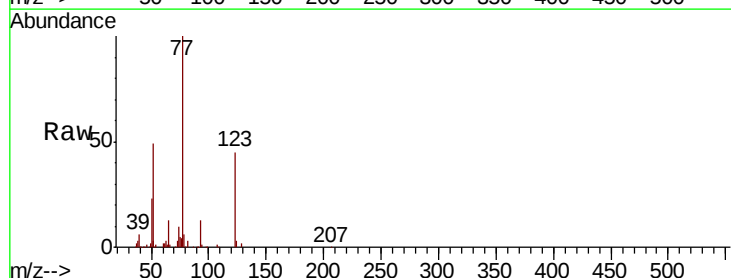
Tgt Ion: 77 Resp: 109787

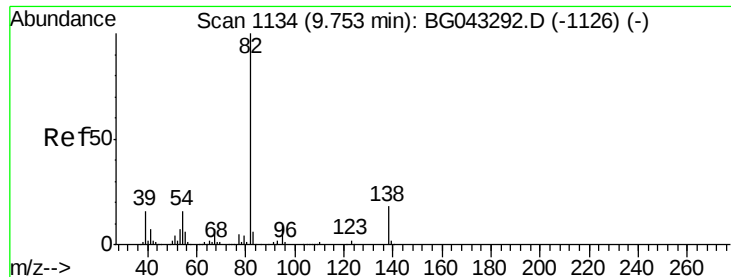
Ion Ratio Lower Upper

77 100

123 45.4 33.6 50.4

65 12.7 12.9 19.3#

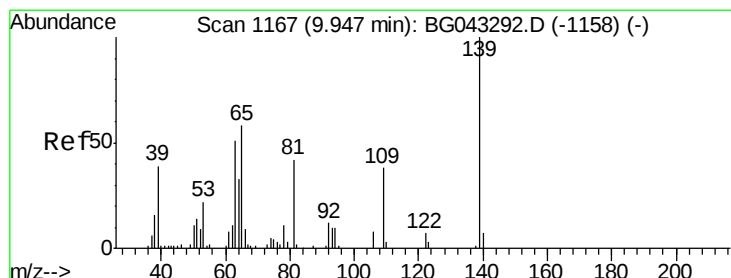
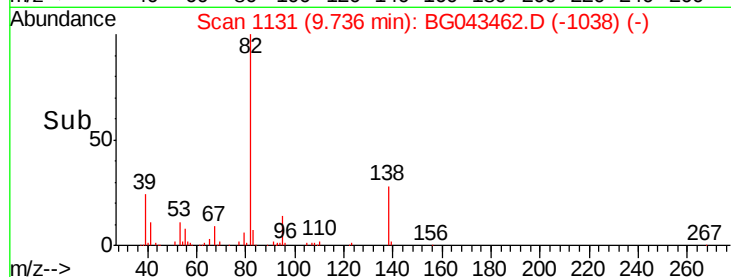
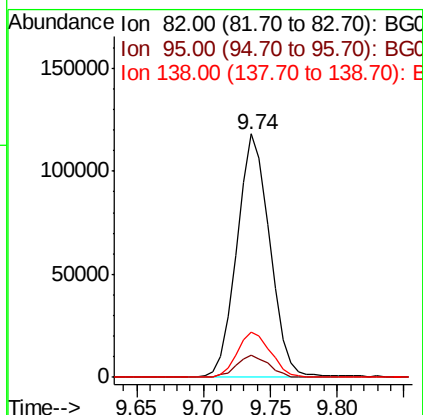
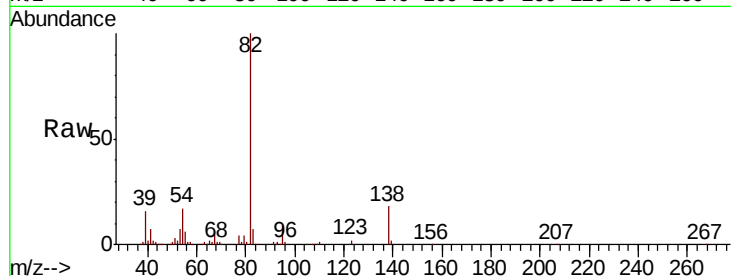




#25
Isophorone
Concen: 39.297 ng
RT: 9.74 min Scan# 1131
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

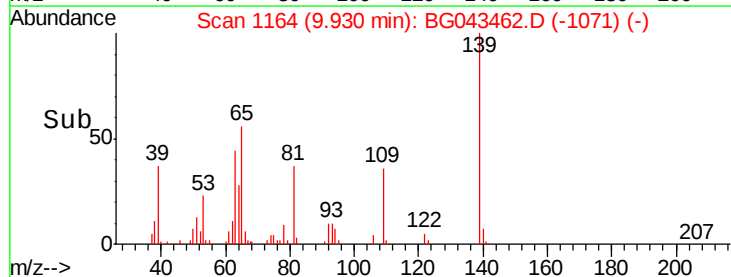
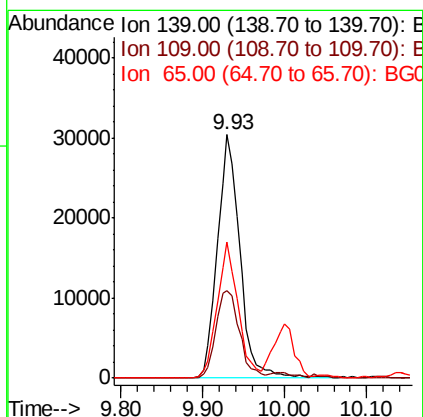
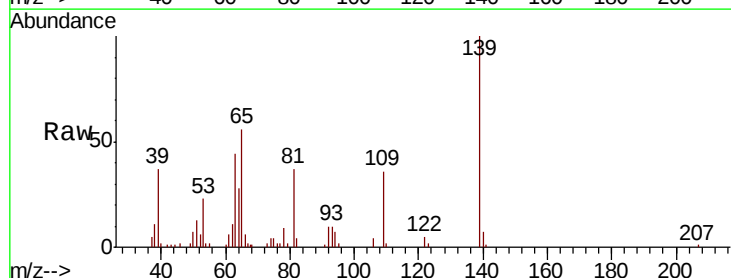
Instrument :
BNA_G
ClientSampleId :
PB124454BS

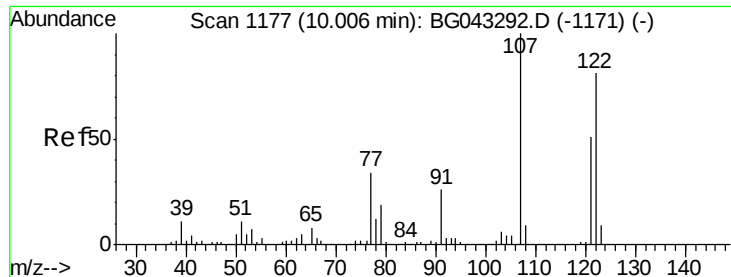
Tot Ion: 82 Resp: 201152
Ion Ratio Lower Upper
82 100
95 9.1 7.4 11.0
138 18.4 15.1 22.7



#26
2-Nitrophenol
Concen: 45.122 ng
RT: 9.93 min Scan# 1164
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion: 139 Resp: 58101
Ion Ratio Lower Upper
139 100
109 36.1 32.6 48.8
65 56.0 47.6 71.4

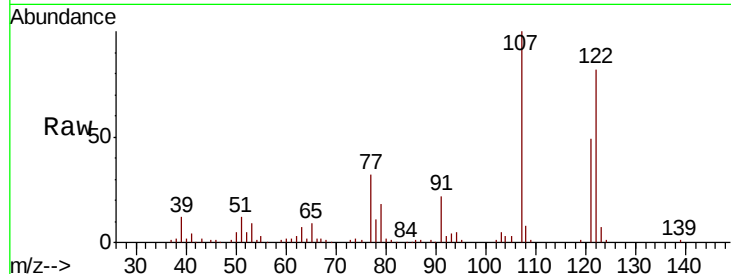




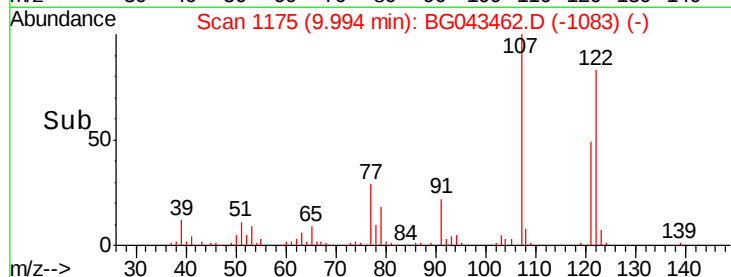
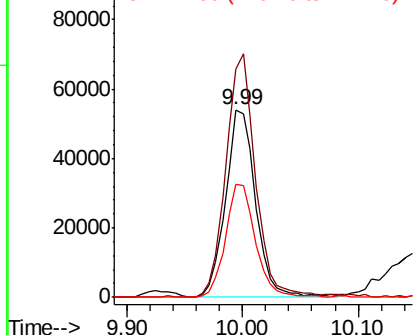
#27
 2,4-Dimethylphenol
 Concen: 52.116 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Tot Ion:122 Resp: 96182
 Ion Ratio Lower Upper
 122 100
 107 121.6 100.7 151.1
 121 60.0 47.0 70.4

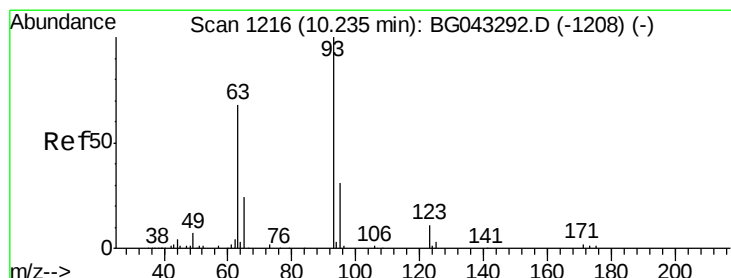


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

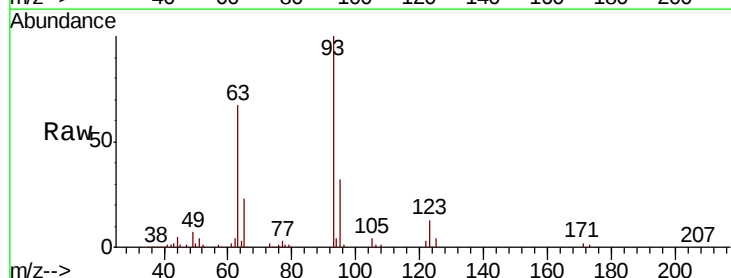
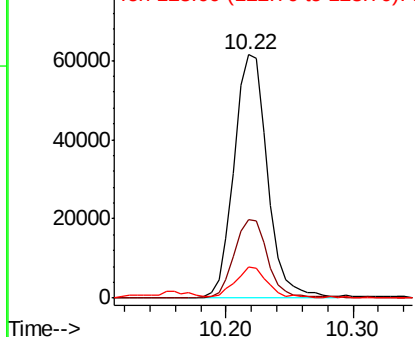


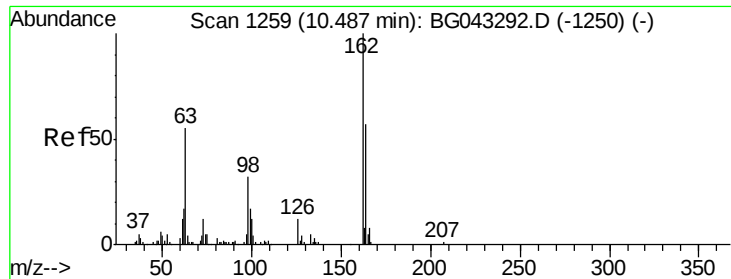
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.723 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion: 93 Resp: 112224
 Ion Ratio Lower Upper
 93 100
 95 32.5 27.5 41.3
 123 12.6 10.7 16.1



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

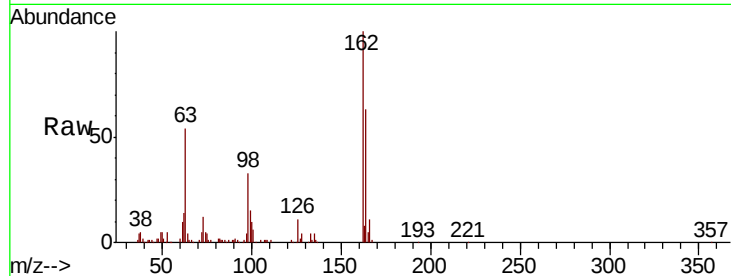




#29
 2,4-Dichlorophenol
 Concen: 45.966 ng
 RT: 10.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.4	85.4
98	33.4	10.1	50.1

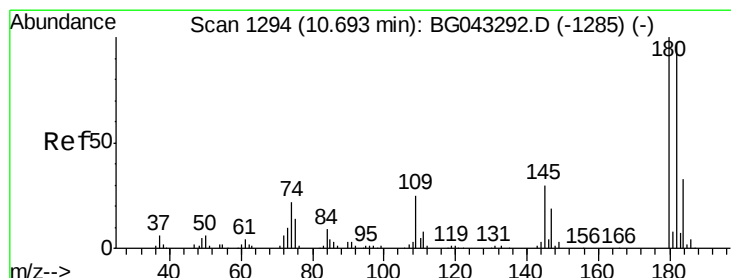
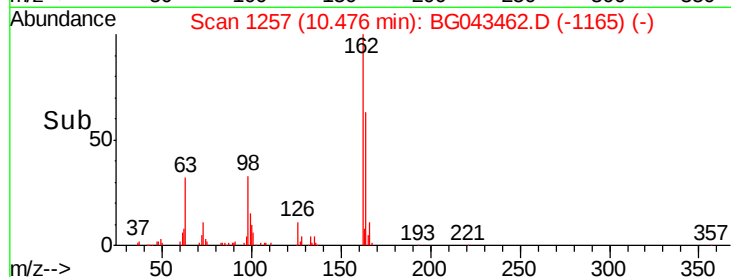
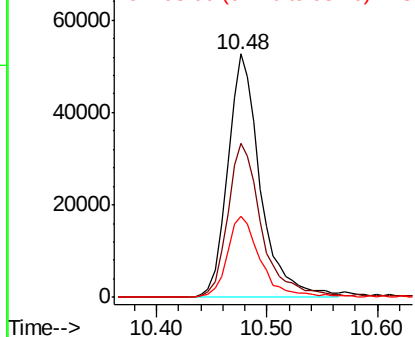


Abundance

Ion 162.00 (161.70 to 162.70): E

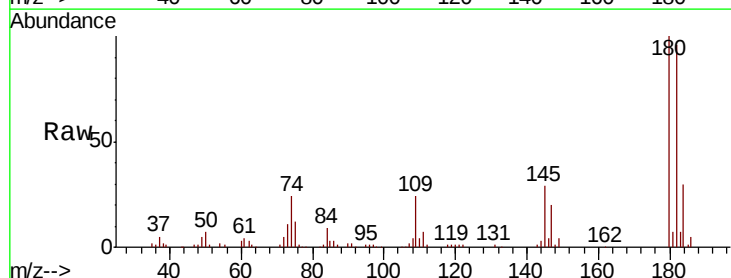
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 39.260 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	74.5	111.7
145	29.2	21.4	32.0

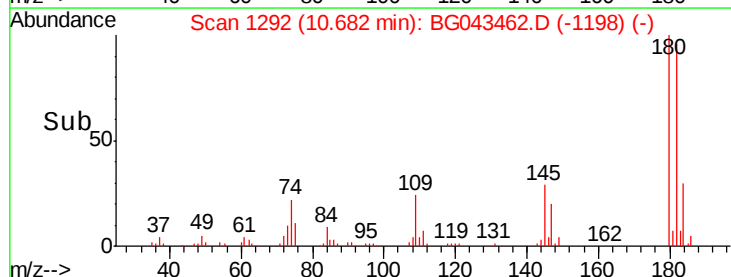
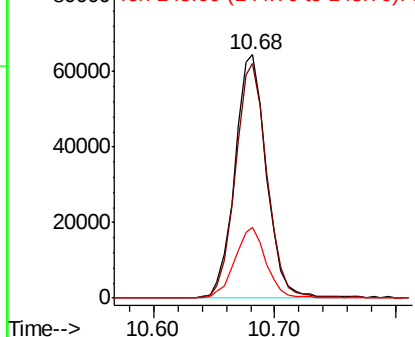


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

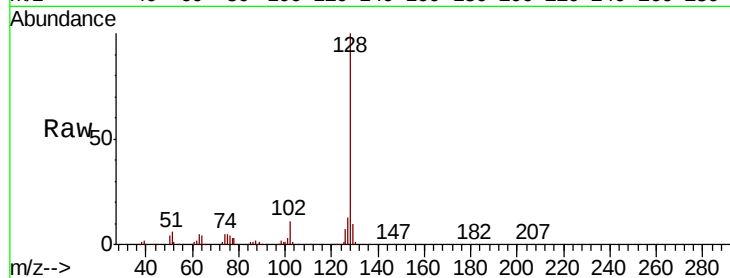




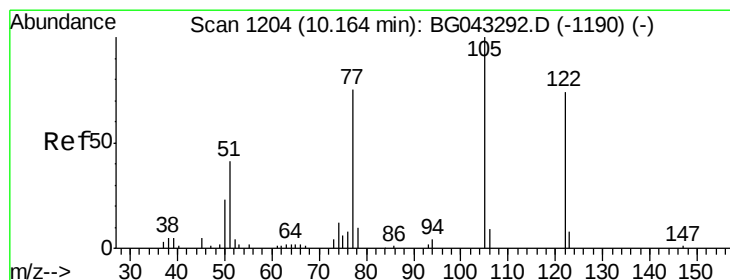
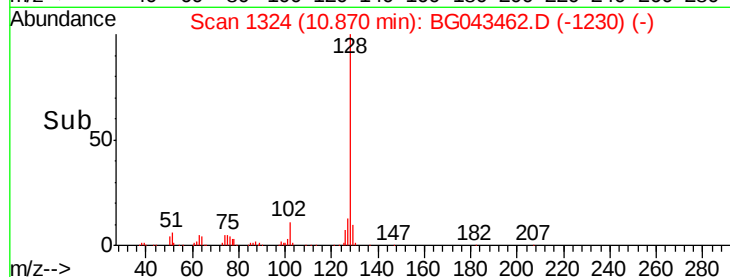
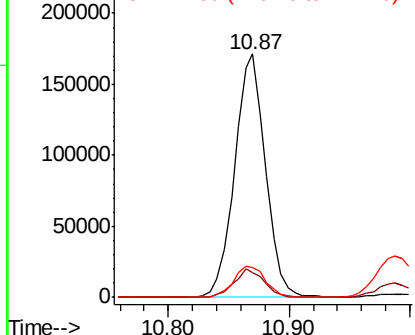
#31
Naphthalene
Concen: 41.490 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion:128 Resp: 303983
Ion Ratio Lower Upper
128 100
129 10.3 9.5 14.3
127 12.5 11.0 16.4

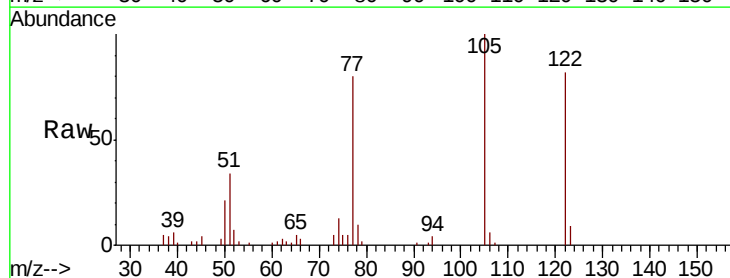


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

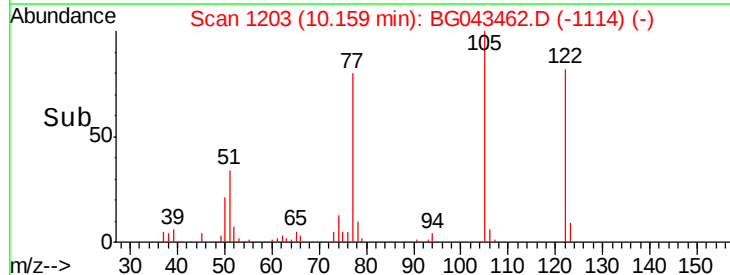
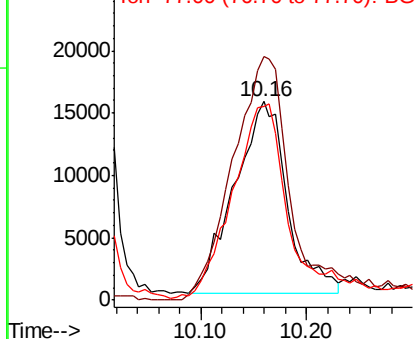


#32
Benzoic acid
Concen: 39.959 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion:122 Resp: 53677
Ion Ratio Lower Upper
122 100
105 122.7 101.8 141.8
77 97.9 86.8 126.8



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): BGO

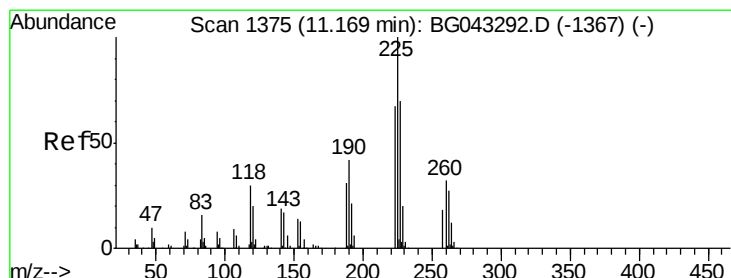
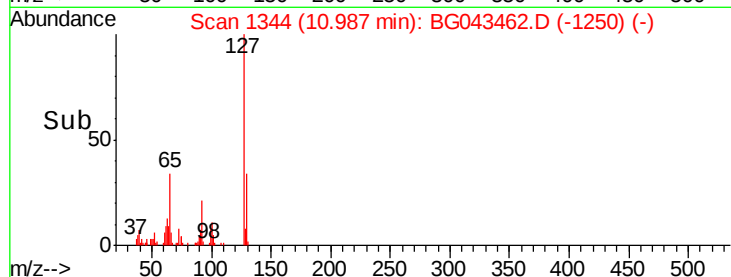
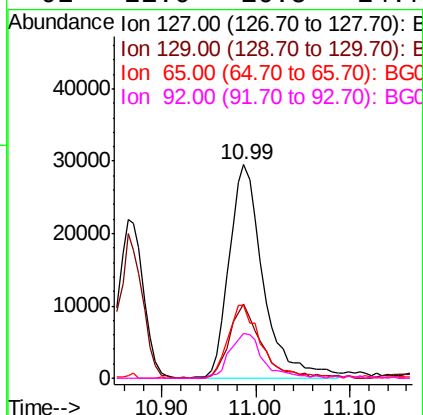
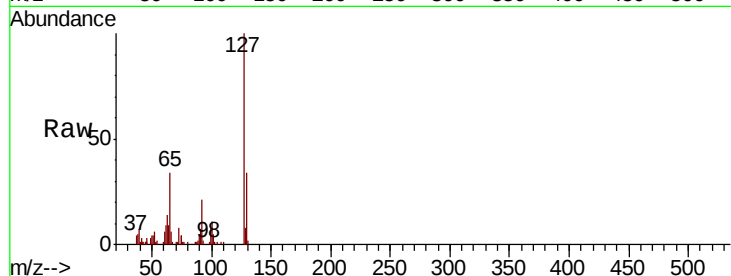




#33
4-Chloroaniline
Concen: 24.802 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

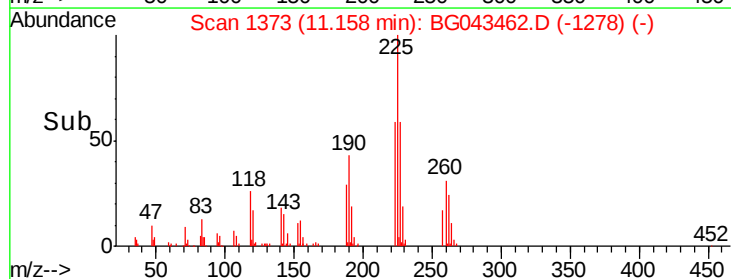
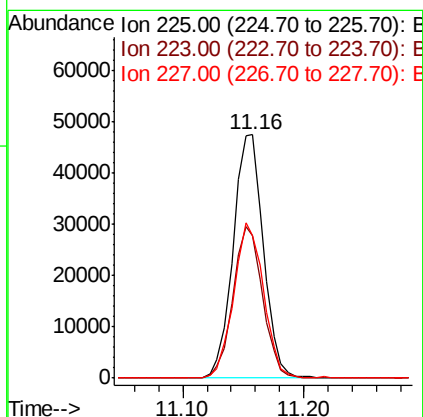
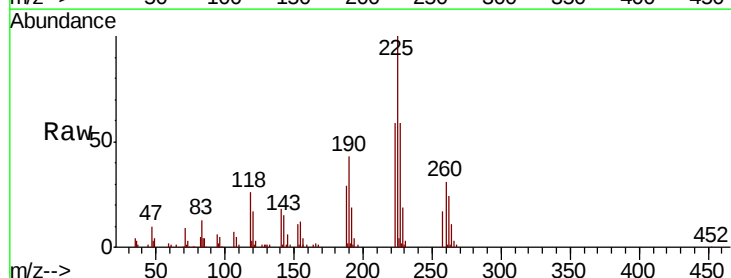
Instrument :
BNA_G
ClientSampleId :
PB124454BS

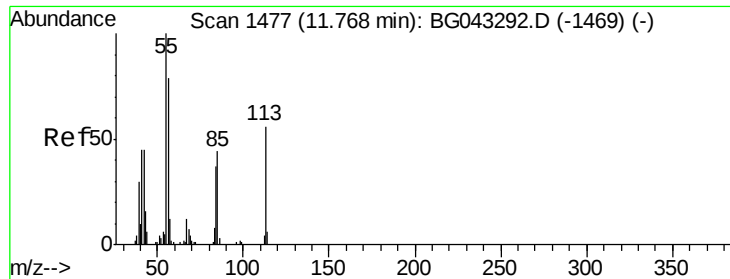
Tot Ion:127	Resp:	74489
Ion	Ratio	Lower Upper
127	100	
129	34.5	28.0 42.0
65	34.1	28.3 42.5
92	21.0	16.5 24.7



#34
Hexachlorobutadiene
Concen: 37.528 ng
RT: 11.16 min Scan# 1373
Delta R.T. 0.03 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion:225	Resp:	82679
Ion	Ratio	Lower Upper
225	100	
223	58.8	48.6 73.0
227	58.8	49.1 73.7





#35

Caprolactam

Concen: 22.477 ng

RT: 11.75 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

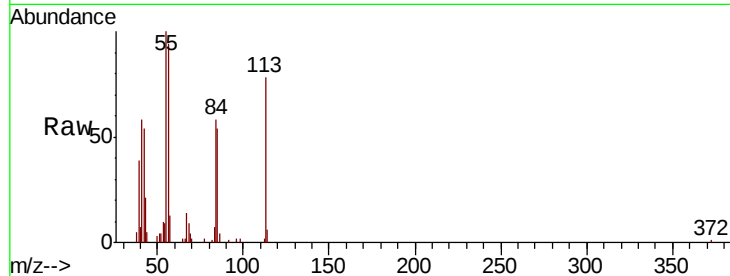
Tot Ion:113 Resp: 18305

Ion Ratio Lower Upper

113 100

55 127.8 154.4 194.4#

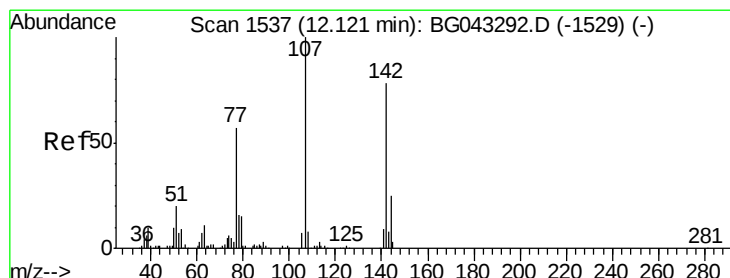
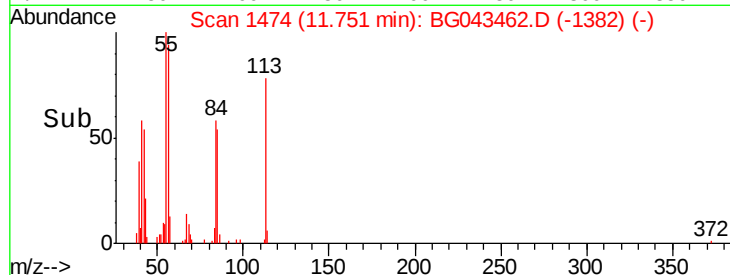
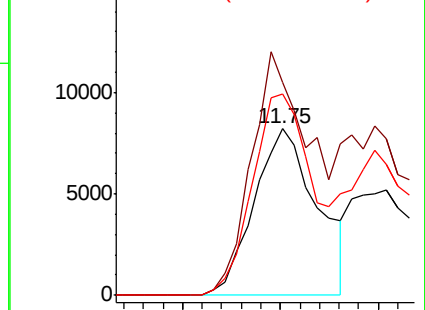
56 120.7 112.9 152.9



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: 45.021 ng

RT: 12.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

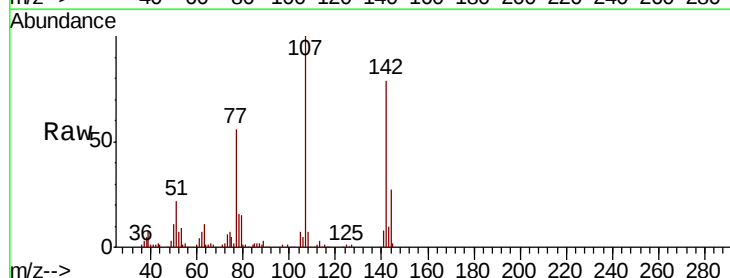
Tgt Ion:107 Resp: 116123

Ion Ratio Lower Upper

107 100

144 26.7 21.7 32.5

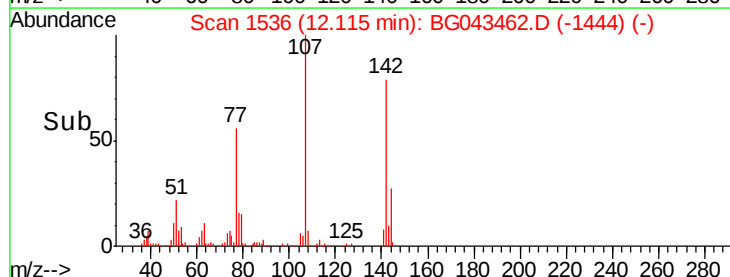
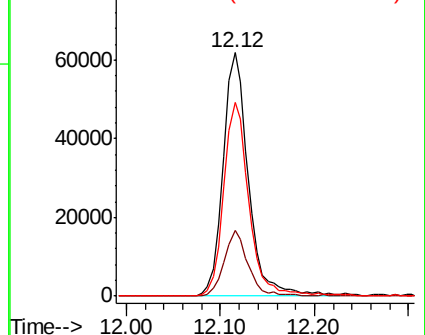
142 79.4 67.2 100.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

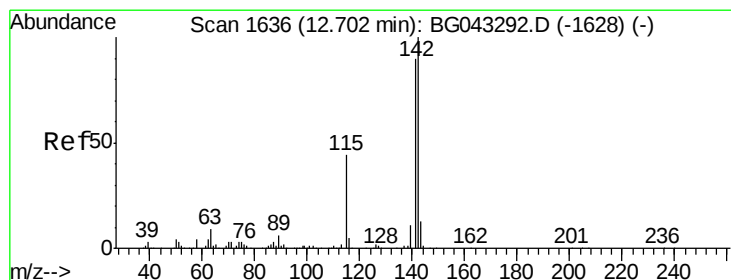
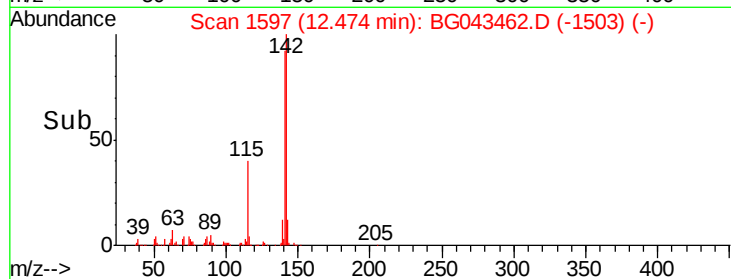
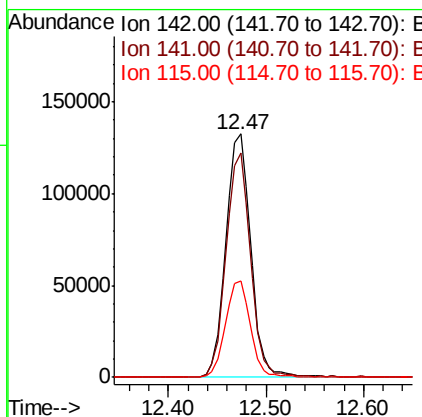
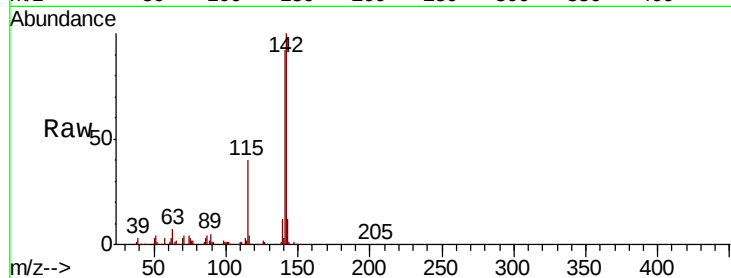




#37
2-Methylnaphthalene
Concen: 41.918 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

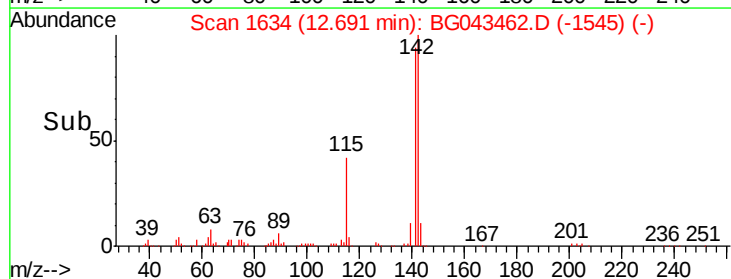
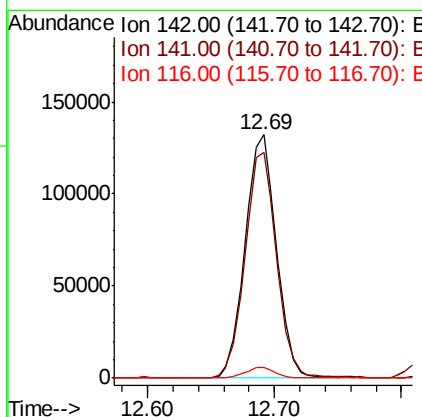
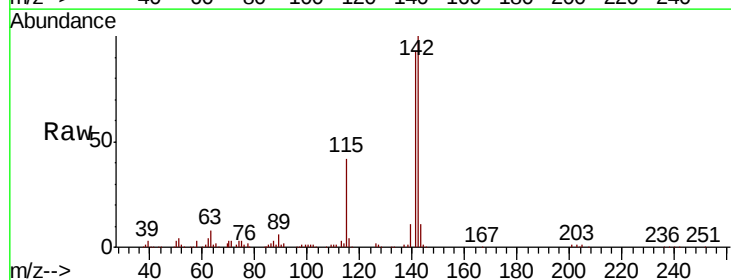
Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.2	106.8
115	39.7	31.9	47.9



#38
1-Methylnaphthalene
Concen: 42.138 ng
RT: 12.69 min Scan# 1634
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.5	111.7
116	4.4	3.8	5.6

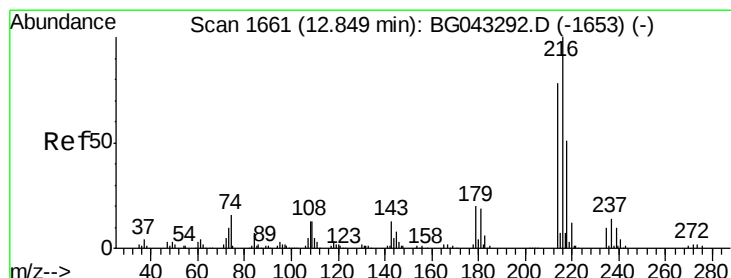
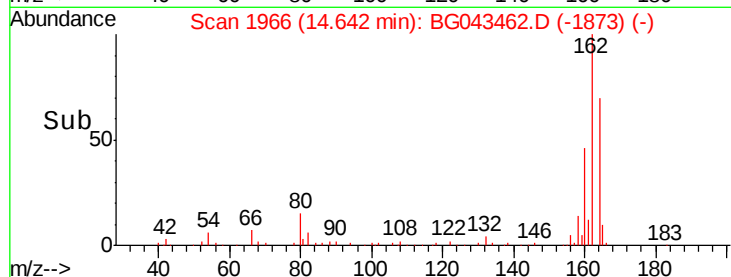
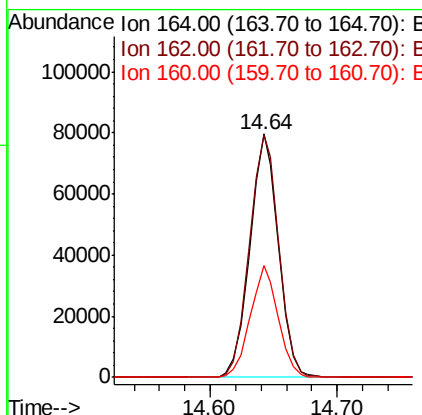
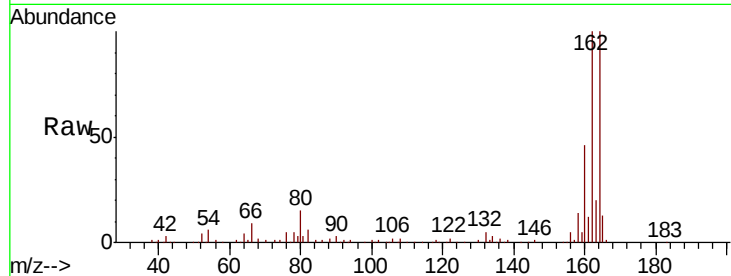




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

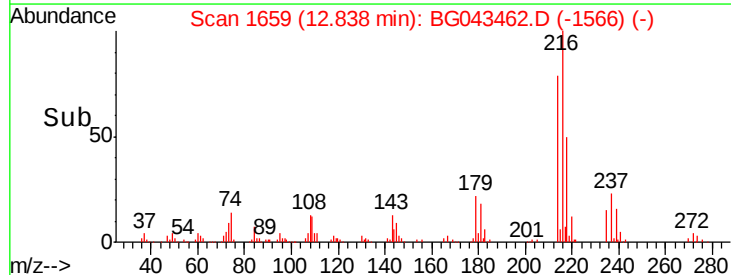
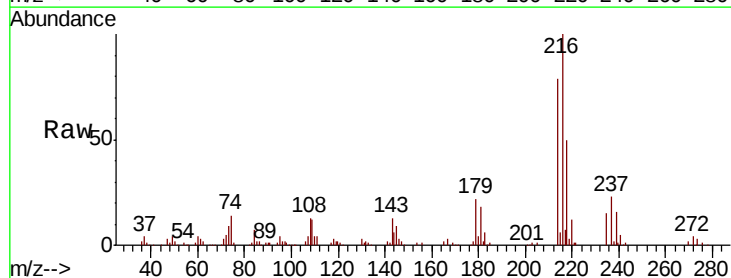
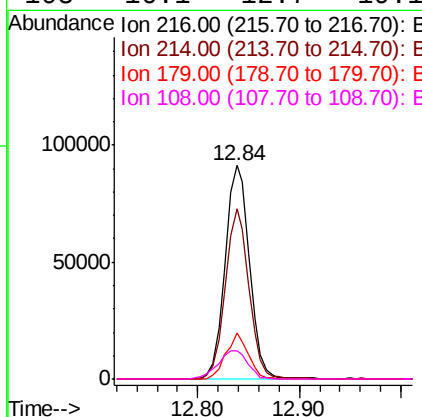
Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

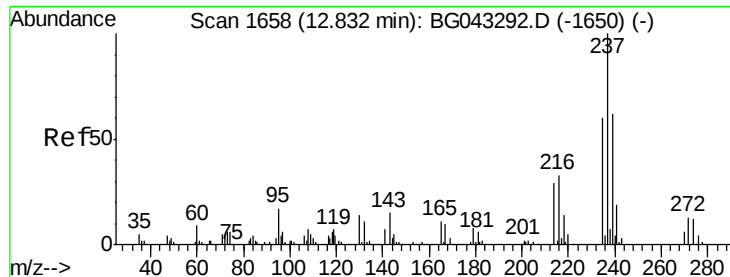
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.4	119.2
160	45.7	36.3	54.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.150 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.8	94.2
179	19.4	16.5	24.7
108	16.1	12.7	19.1





#41

Hexachlorocyclopentadiene

Concen: 74.620 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

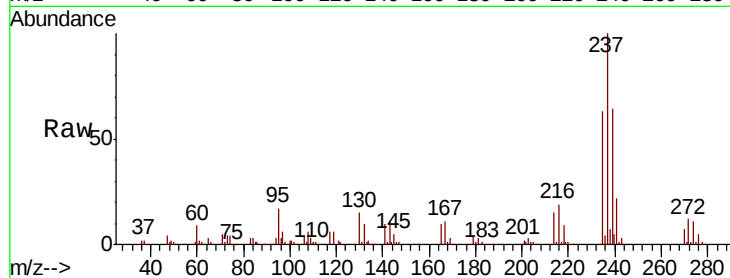
Tot Ion:237 Resp: 179925

Ion Ratio Lower Upper

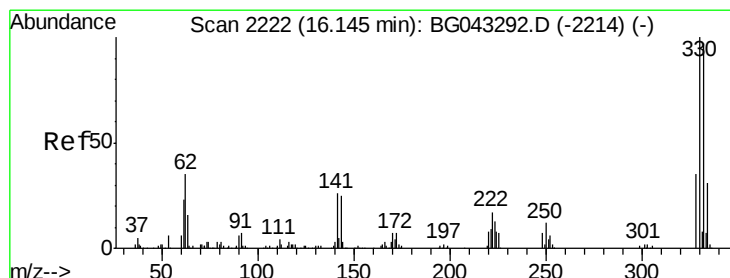
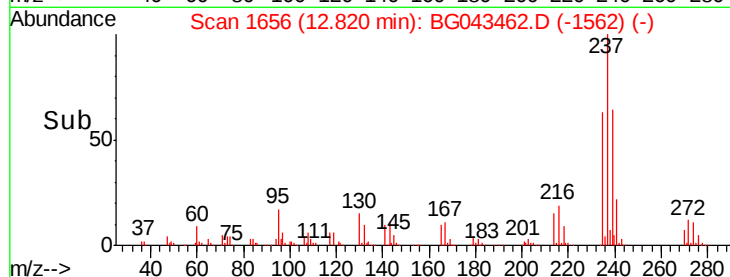
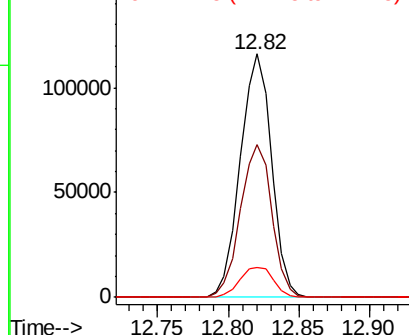
237 100

235 62.8 42.2 82.2

272 12.2 0.0 32.6



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: 96.947 ng

RT: 16.13 min Scan# 2220

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

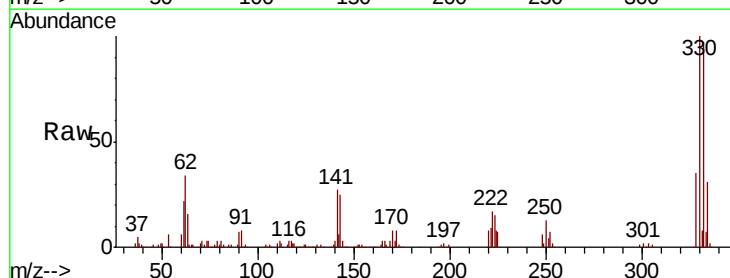
Tgt Ion:330 Resp: 228819

Ion Ratio Lower Upper

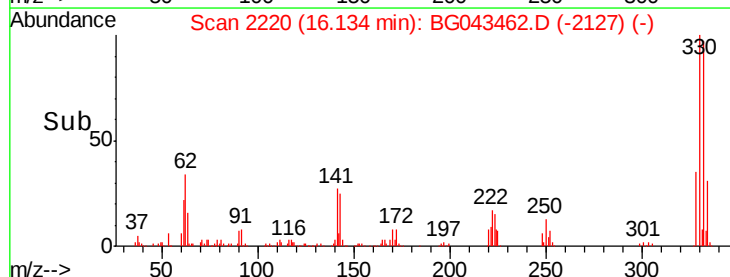
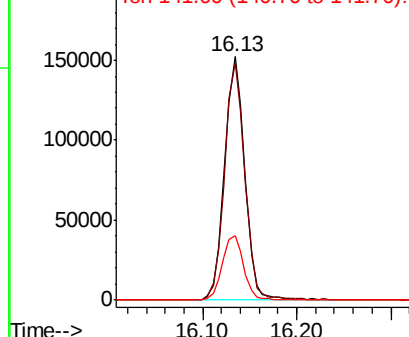
330 100

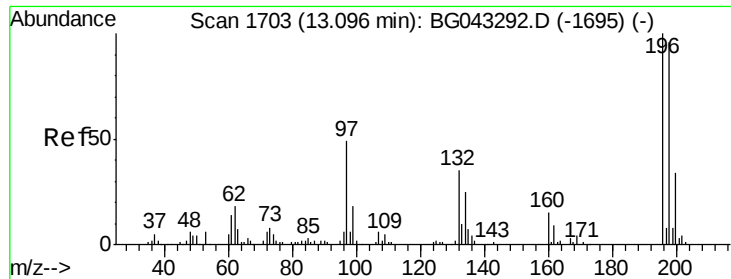
332 97.3 76.6 115.0

141 27.9 23.4 35.2



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

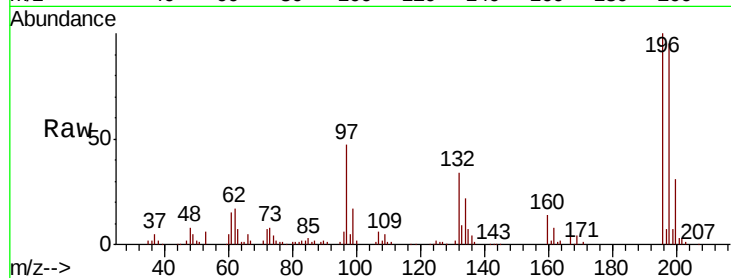




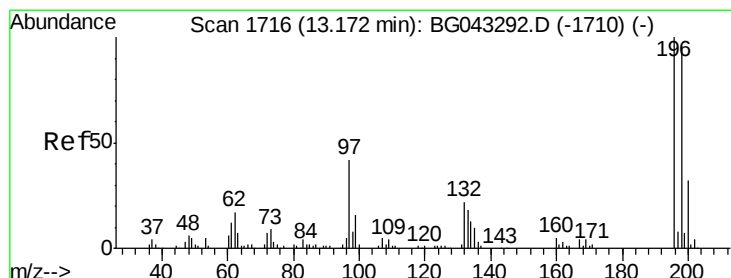
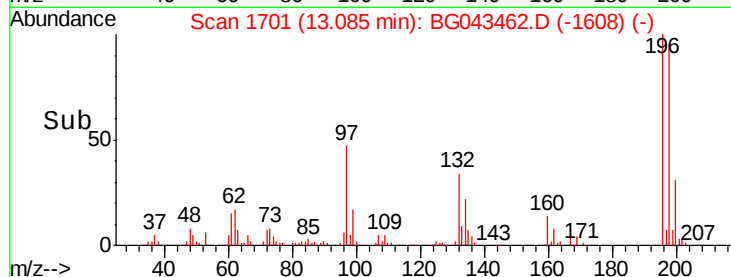
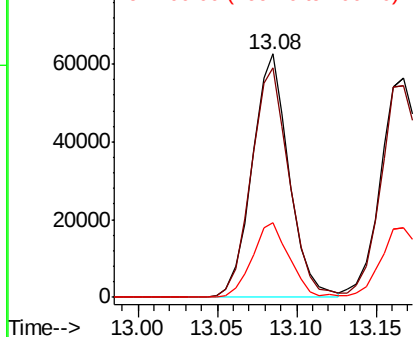
#43
 2,4,6-Trichlorophenol
 Concen: 37.363 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Tot Ion:196 Resp: 100999
 Ion Ratio Lower Upper
 196 100
 198 94.5 81.3 121.9
 200 30.7 28.2 42.2

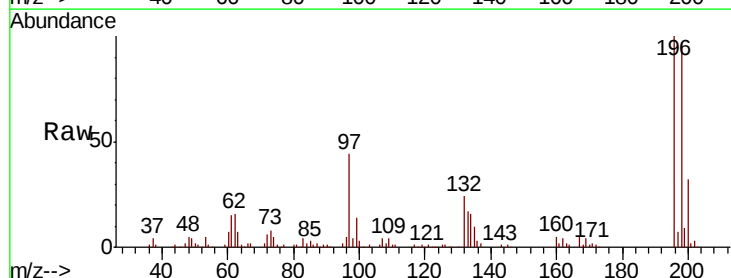


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

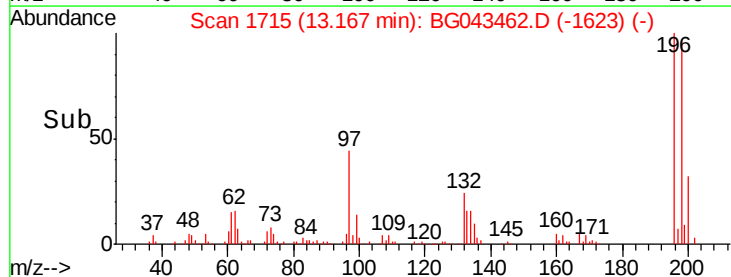
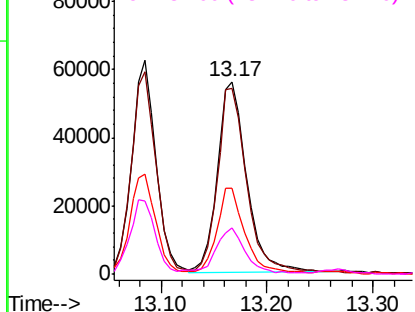


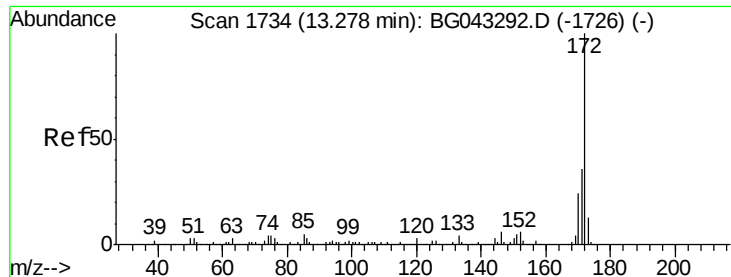
#44
 2,4,5-Trichlorophenol
 Concen: 39.600 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion:196 Resp: 108221
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.4 116.2
 97 44.3 35.9 53.9
 132 23.9 20.0 30.0



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



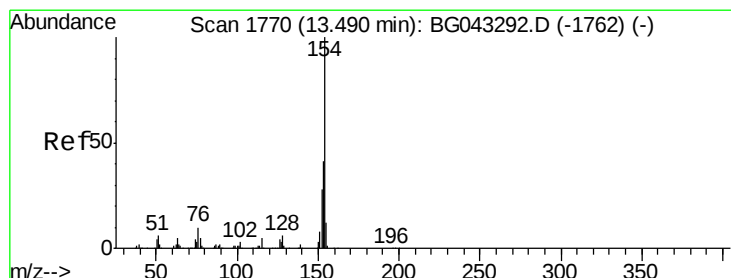
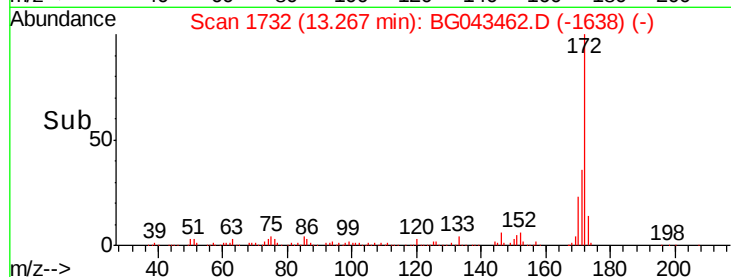
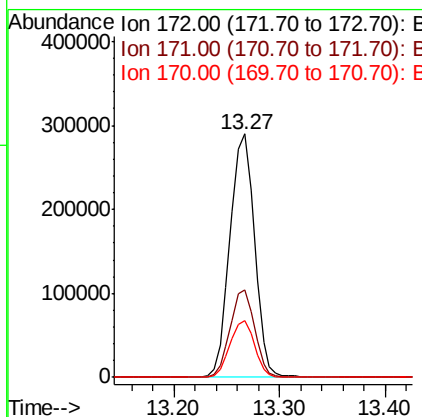
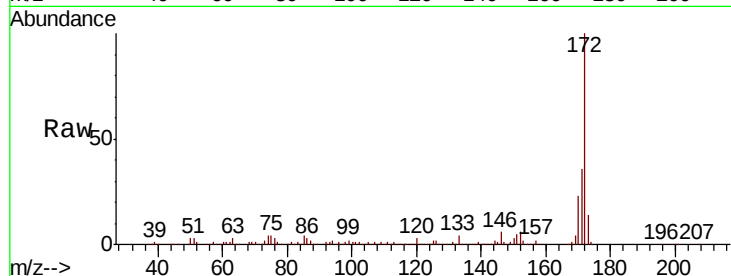


#45
 2-Fluorobiphenyl
 Concen: 52.033 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Tot Ion:172 Resp: 467038

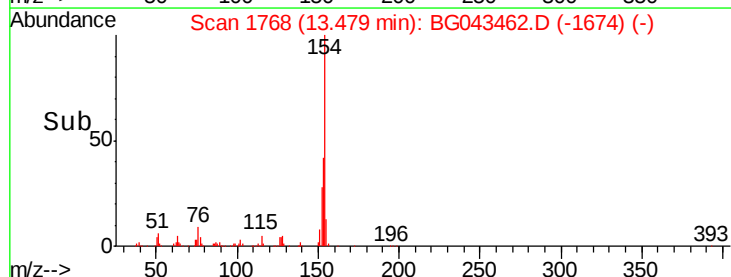
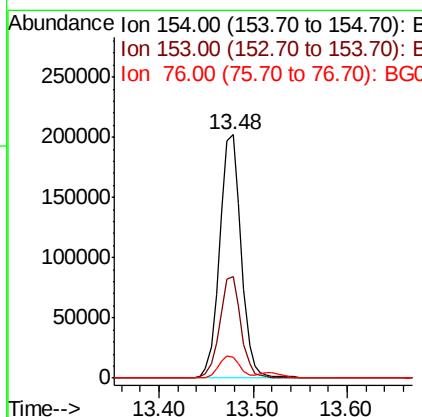
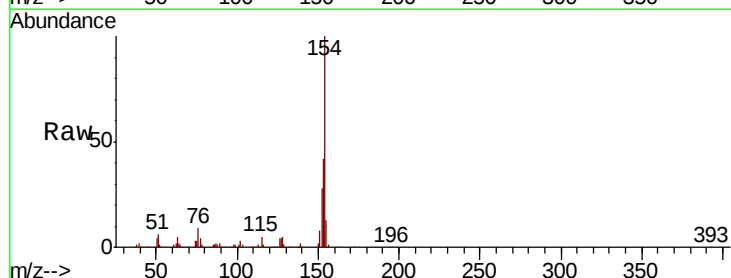
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.1	42.1
170	23.5	18.8	28.2

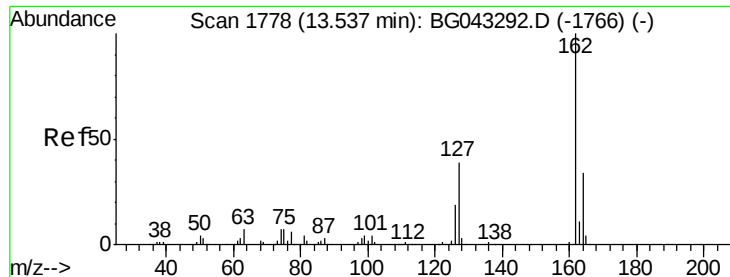


#46
 1,1'-Biphenyl
 Concen: 34.190 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion:154 Resp: 322599

Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.6	62.6
76	8.7	0.0	29.1

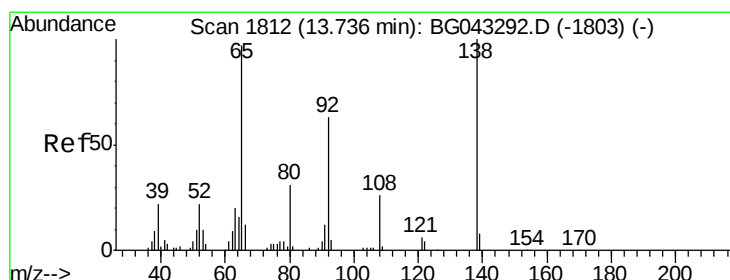
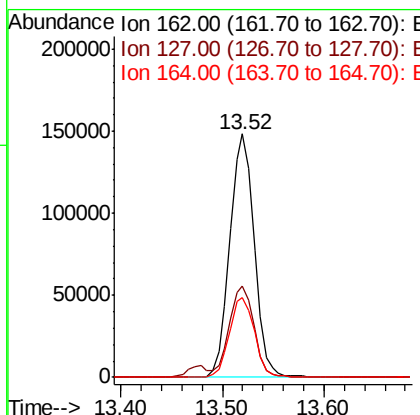
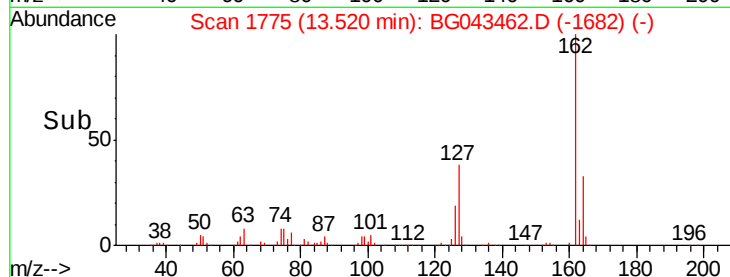
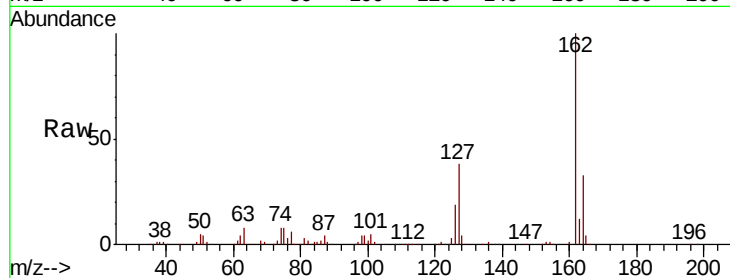




#47
 2-Chloronaphthalene
 Concen: 34.632 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

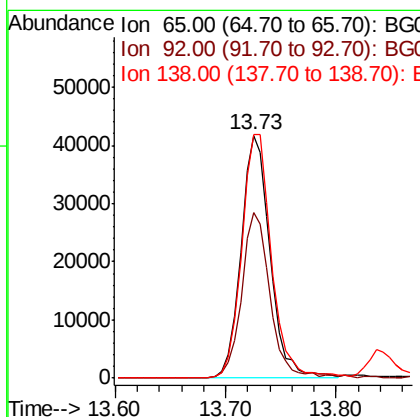
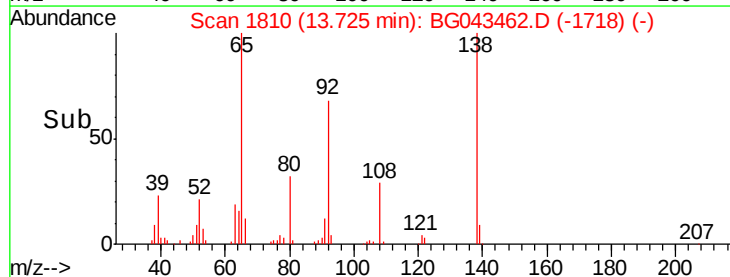
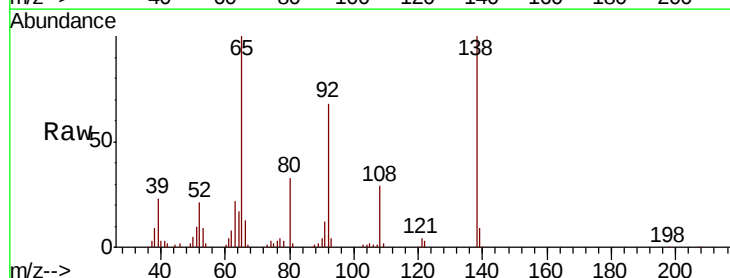
Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

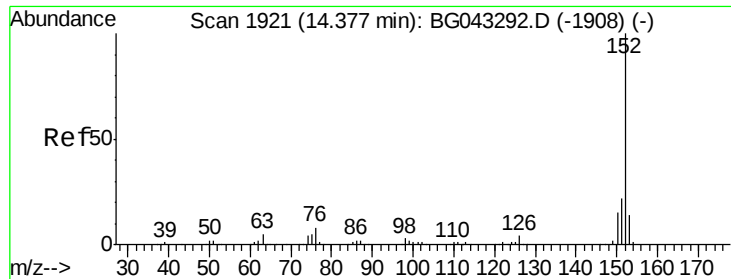
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	32.8	49.2
164	32.7	27.8	41.8



#48
 2-Nitroaniline
 Concen: 35.878 ng
 RT: 13.73 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.9	82.3
138	100.2	85.0	127.6





#49

Acenaphthylene

Concen: 36.252 ng

RT: 14.37 min Scan# 1919

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

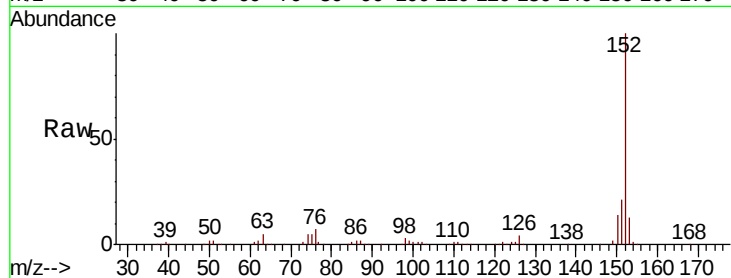
BNA_G

ClientSampleId :

PB124454BS

Tot Ion:152 Resp: 405053

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	12.8	11.0	16.4

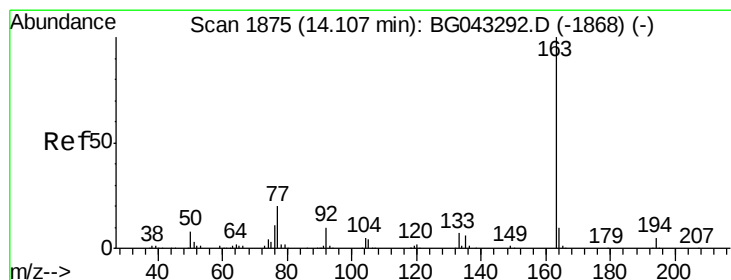
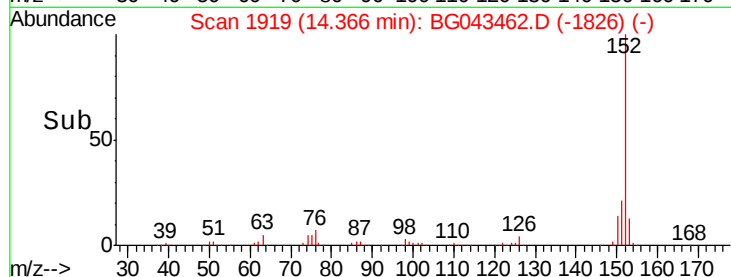
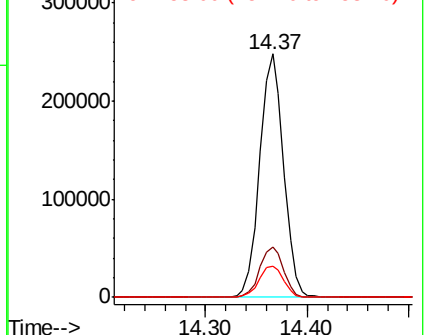


Abundance

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: 34.945 ng

RT: 14.10 min Scan# 1873

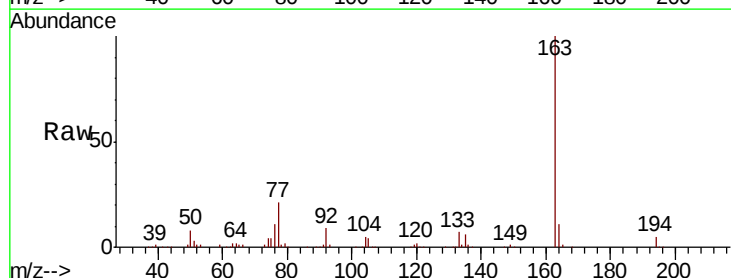
Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tgt Ion:163 Resp: 335712

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.8
164	10.6	8.5	12.7

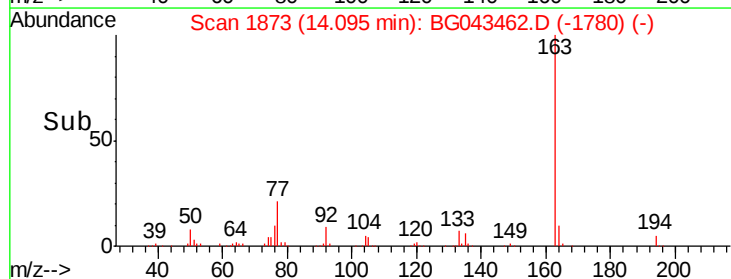
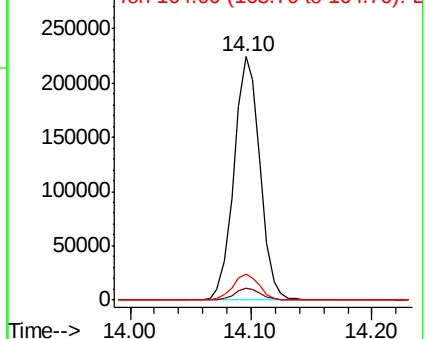


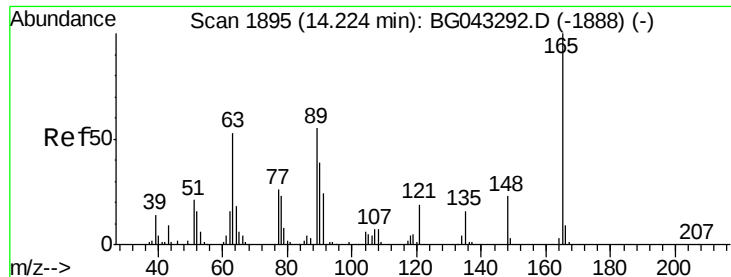
Abundance

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

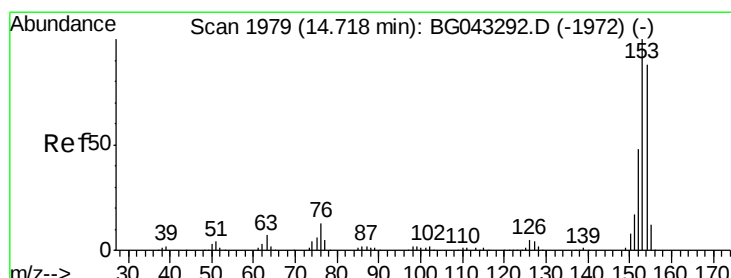
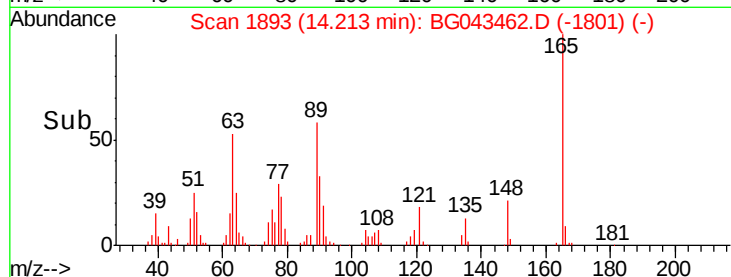
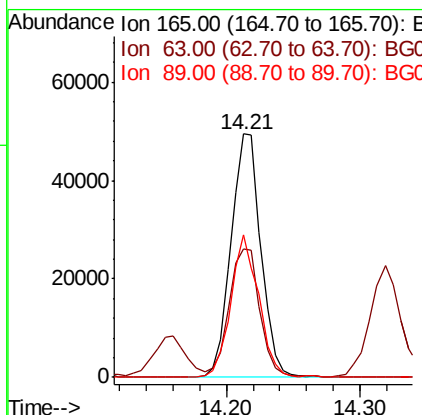
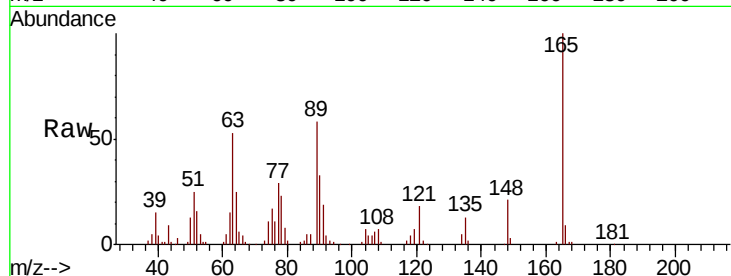




#51
 2,6-Dinitrotoluene
 Concen: 37.028 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. 0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

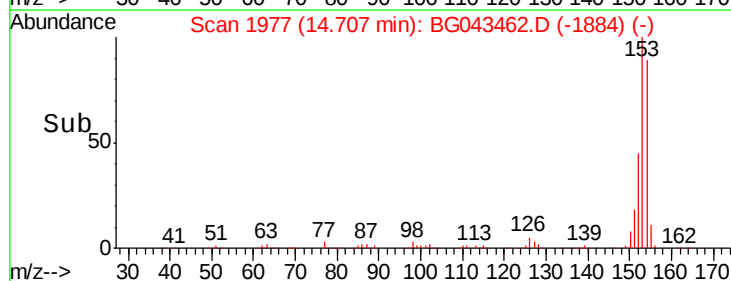
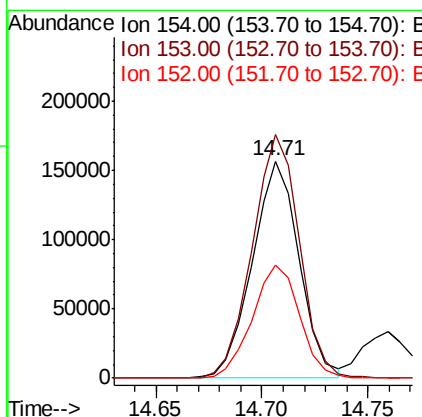
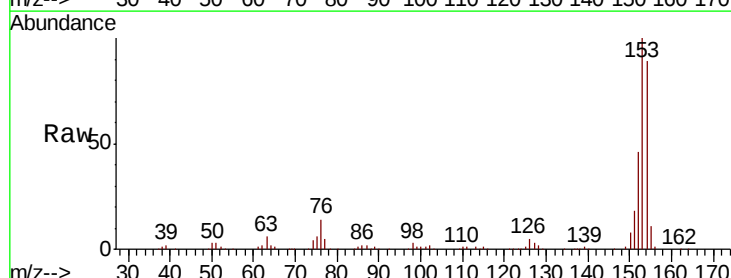
Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

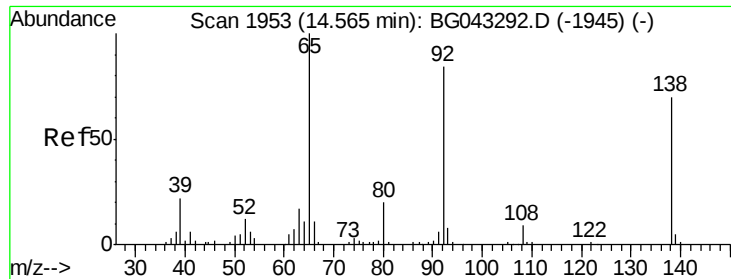
Tot Ion:165 Resp: 77280
 Ion Ratio Lower Upper
 165 100
 63 52.9 45.0 67.6
 89 58.3 39.8 59.8



#52
 Acenaphthene
 Concen: 35.396 ng
 RT: 14.71 min Scan# 1977
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion:154 Resp: 241183
 Ion Ratio Lower Upper
 154 100
 153 112.2 89.2 133.8
 152 51.8 41.4 62.0





#53

3-Nitroaniline

Concen: 25.018 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

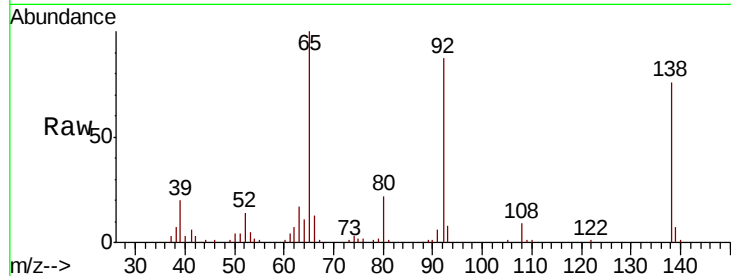
Tot Ion:138 Resp: 50412

Ion Ratio Lower Upper

138 100

108 12.0 9.8 14.8

92 114.3 88.1 132.1

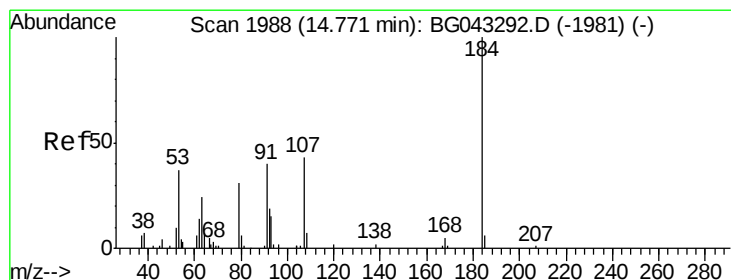
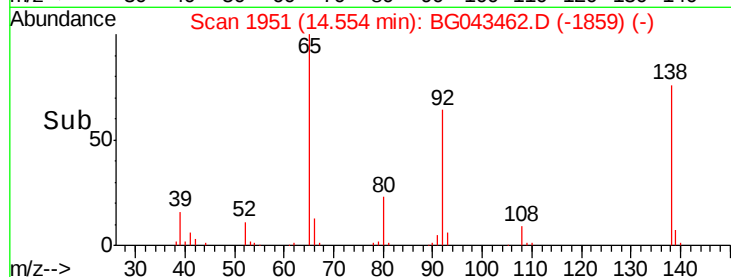
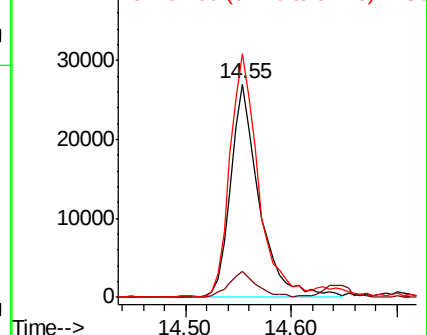


Abundance

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: 71.840 ng

RT: 14.76 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

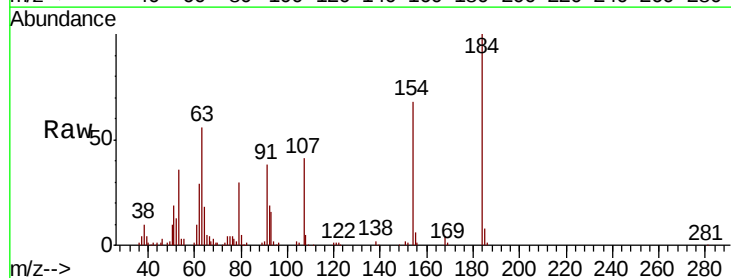
Tgt Ion:184 Resp: 92562

Ion Ratio Lower Upper

184 100

63 55.6 59.0 88.4#

154 67.7 57.4 86.2

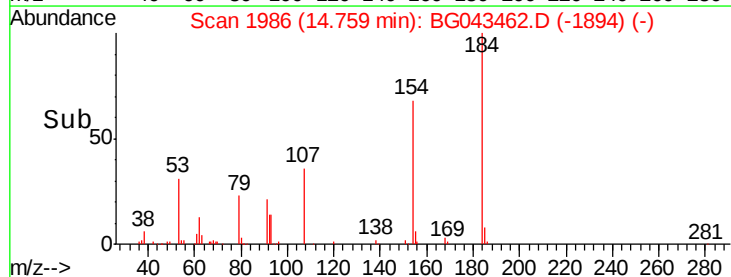
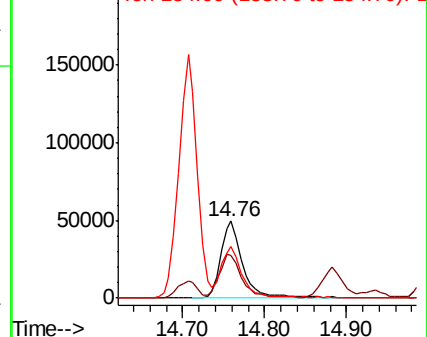


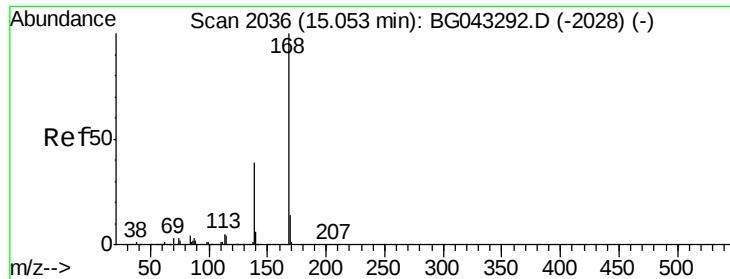
Abundance

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: 35.973 ng

RT: 15.04 min Scan# 2034

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

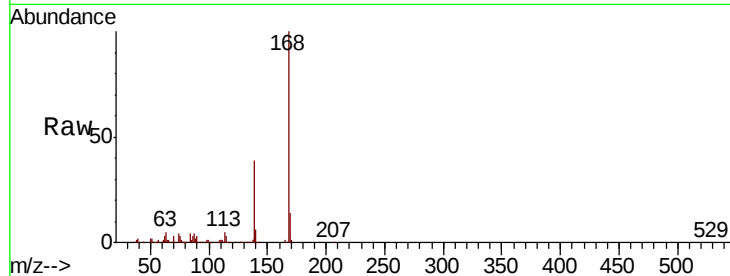
Tot Ion:168 Resp: 397486

Ion Ratio Lower Upper

168 100

139 39.4 32.7 49.1

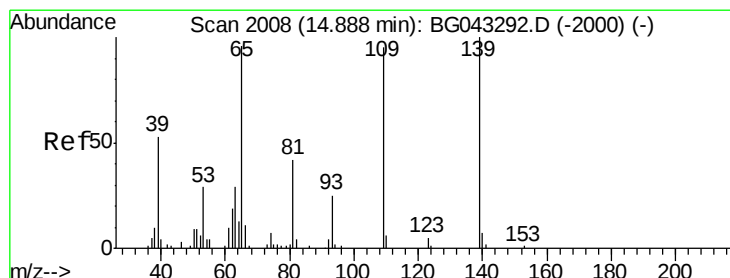
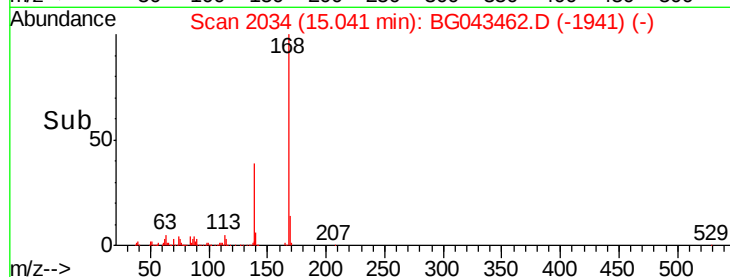
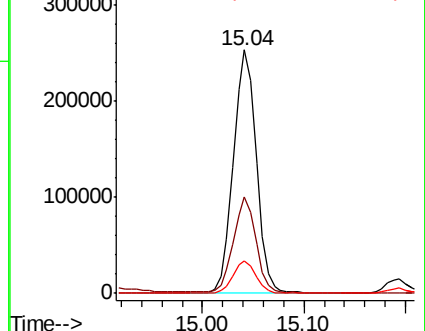
169 13.6 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.873 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

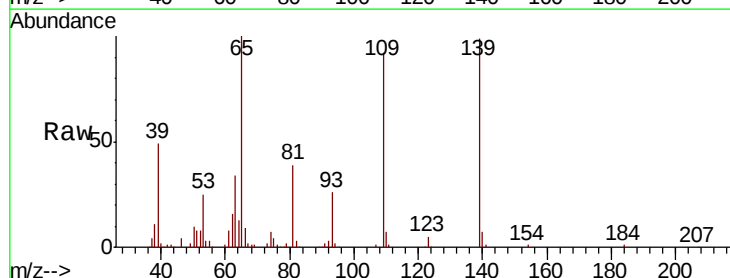
Tgt Ion:139 Resp: 115956

Ion Ratio Lower Upper

139 100

109 93.4 64.0 104.0

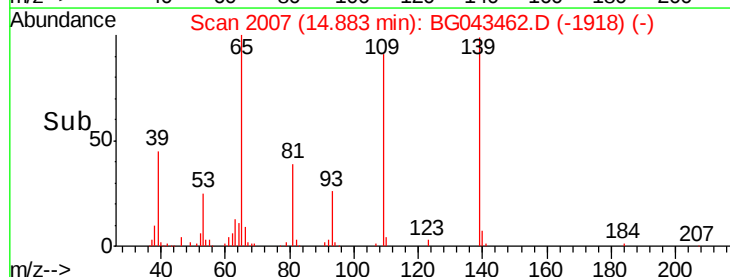
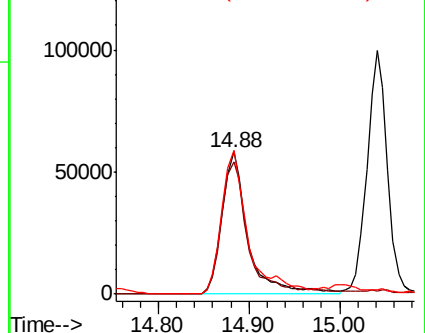
65 101.0 75.6 115.6

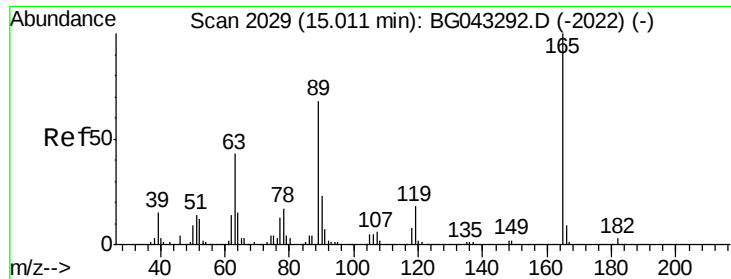


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

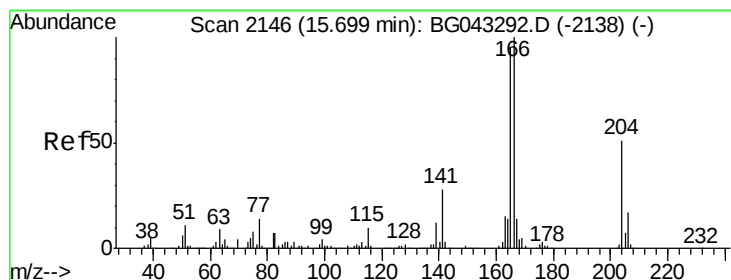
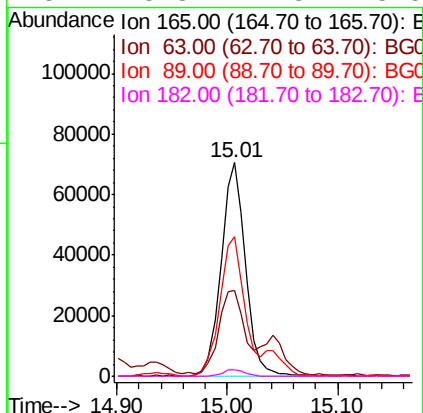
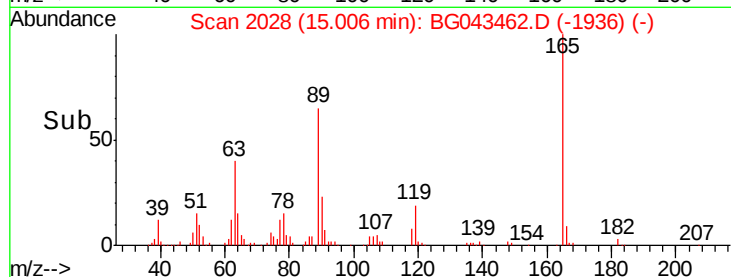
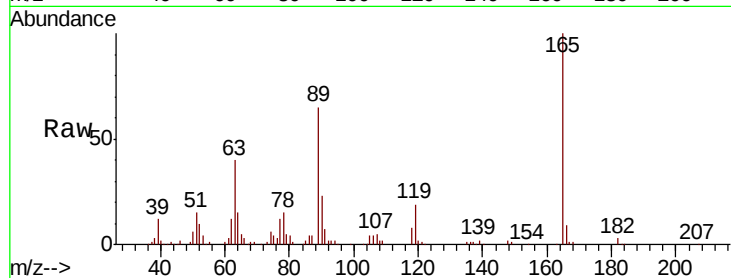




#57
2,4-Dinitrotoluene
Concen: 36.411 ng
RT: 15.01 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

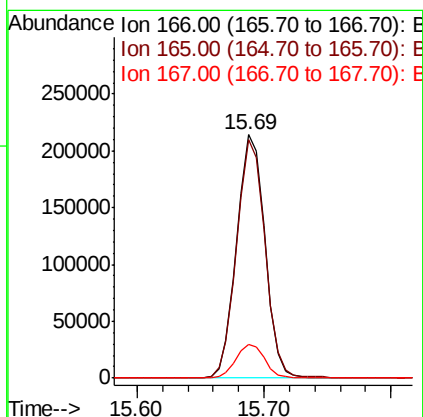
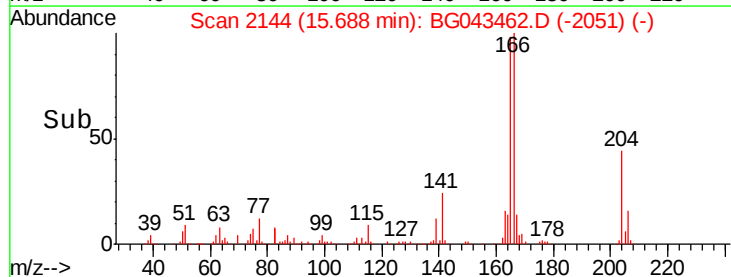
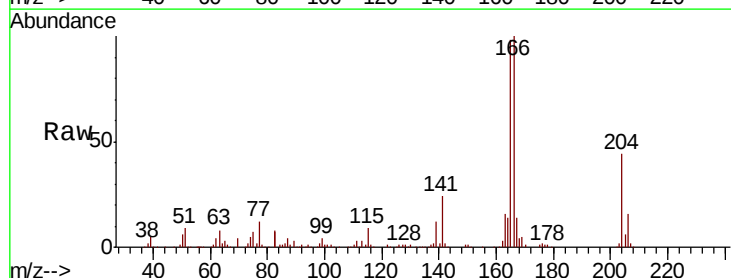
Instrument :
BNA_G
ClientSampleId :
PB124454BS

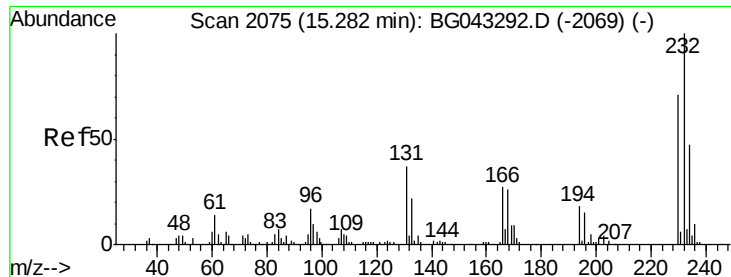
Tot Ion:165 Resp: 108602
Ion Ratio Lower Upper
165 100
63 40.1 37.4 56.0
89 65.2 50.9 76.3
182 3.3 2.3 3.5



#58
Fluorene
Concen: 35.744 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion:166 Resp: 331265
Ion Ratio Lower Upper
166 100
165 98.0 78.4 117.6
167 13.7 11.2 16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.857 ng

RT: 15.28 min Scan# 2074

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

Tot Ion:232 Resp: 109919

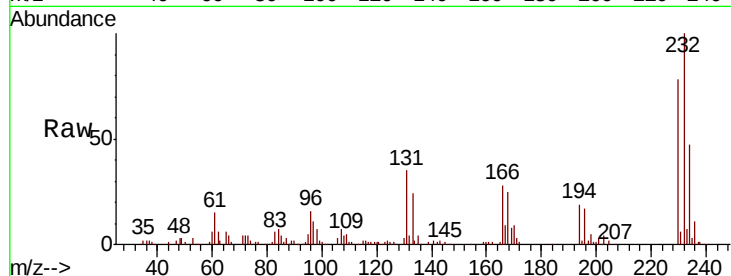
Ion Ratio Lower Upper

232 100

131 34.9 29.6 44.4

130 2.1 1.4 2.0#

166 26.6 21.2 31.8

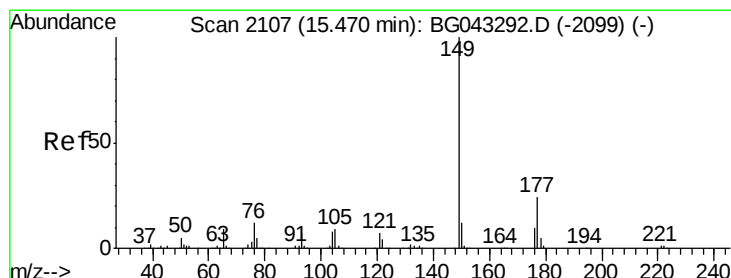
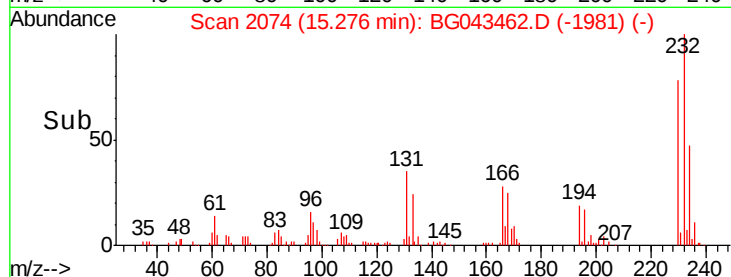
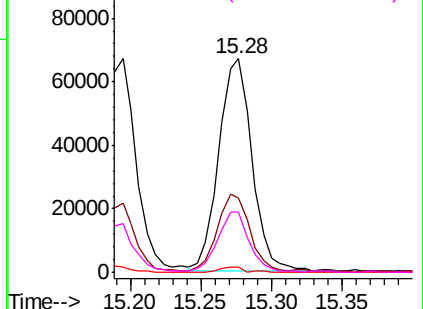


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 34.934 ng

RT: 15.46 min Scan# 2105

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

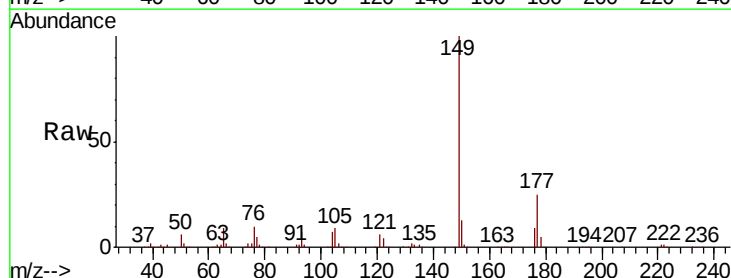
Tgt Ion:149 Resp: 337212

Ion Ratio Lower Upper

149 100

177 24.5 19.3 28.9

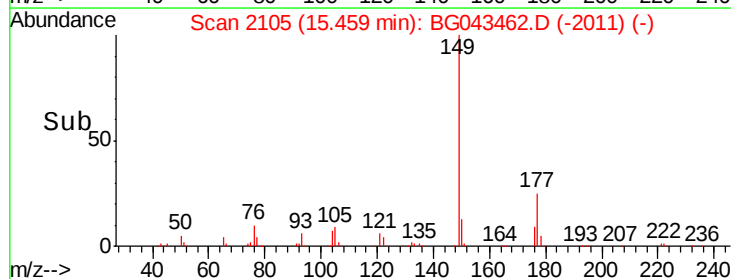
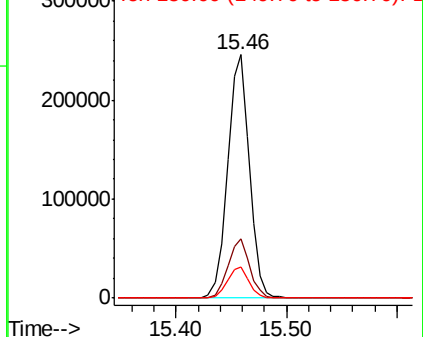
150 12.8 10.5 15.7

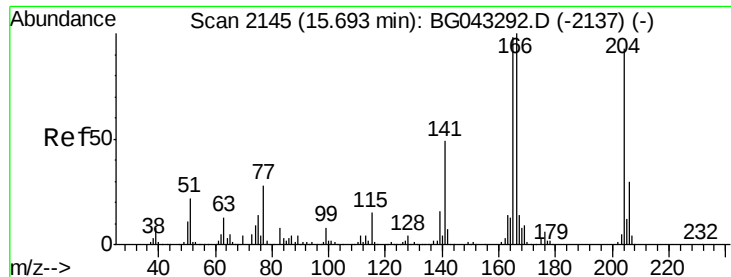


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

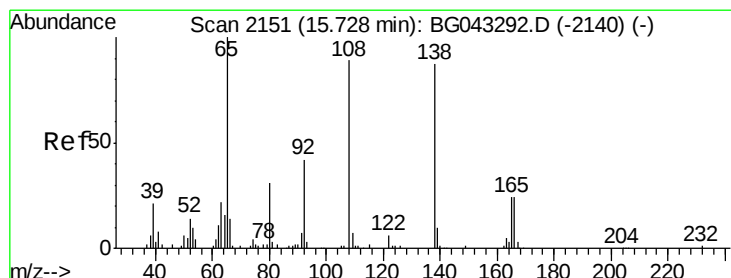
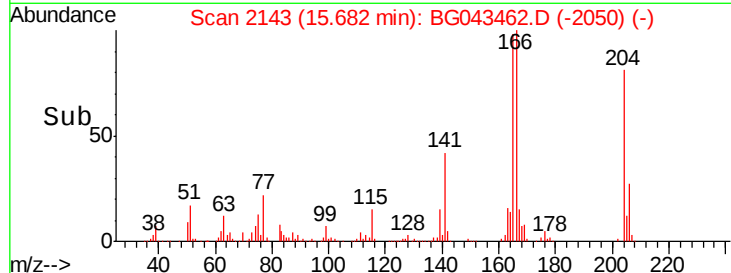
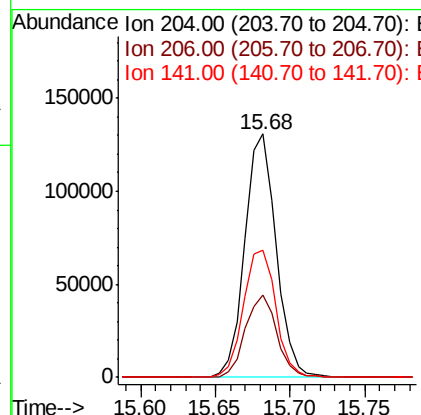
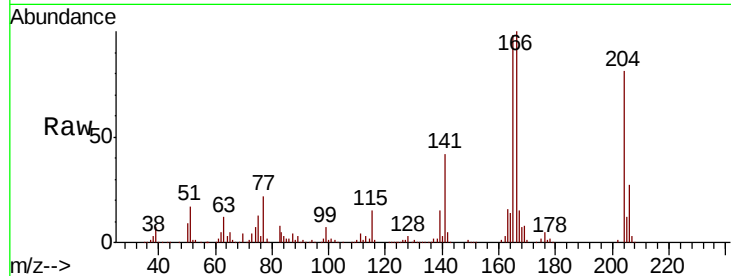




#61
 4-Chlorophenyl-phenylether
 Concen: 35.120 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

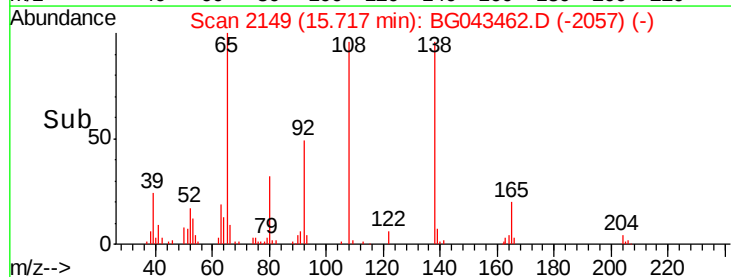
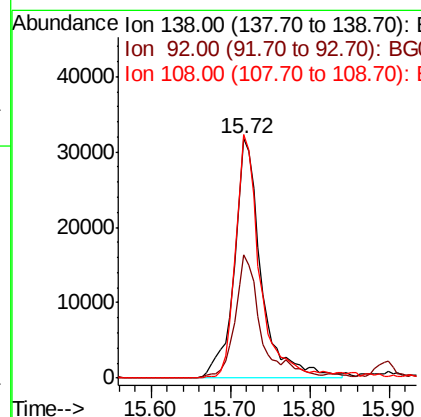
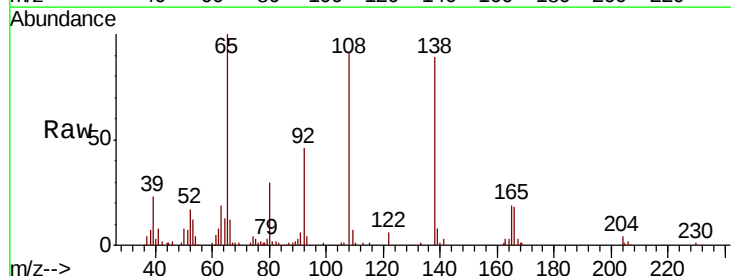
Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

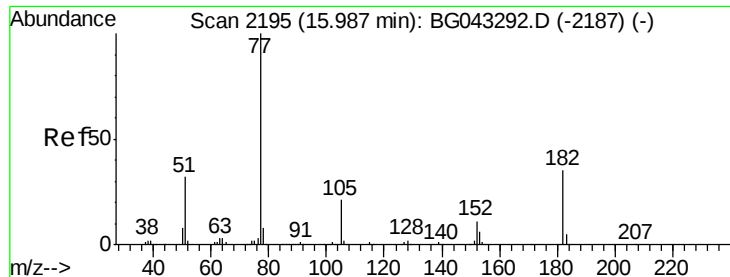
Tot Ion:	204	Resp:	189876
Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.2	42.4
141	52.3	44.5	66.7



#62
 4-Nitroaniline
 Concen: 35.888 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion:	138	Resp:	74683
Ion	Ratio	Lower	Upper
138	100		
92	51.4	31.0	71.0
108	101.8	85.0	125.0

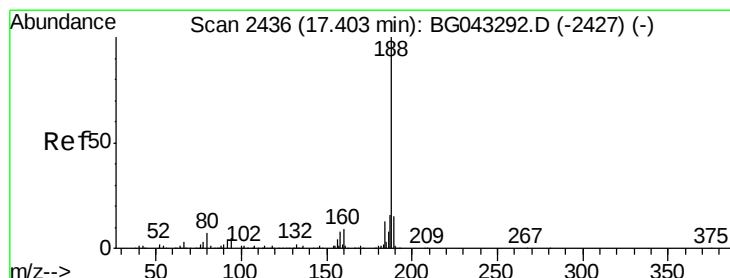
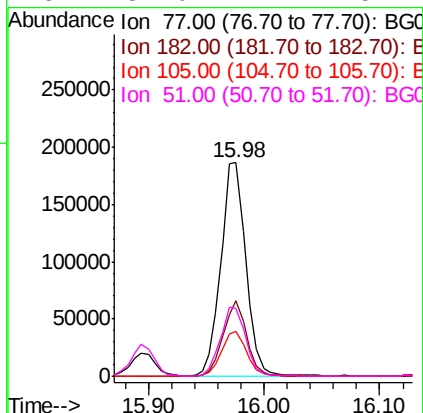
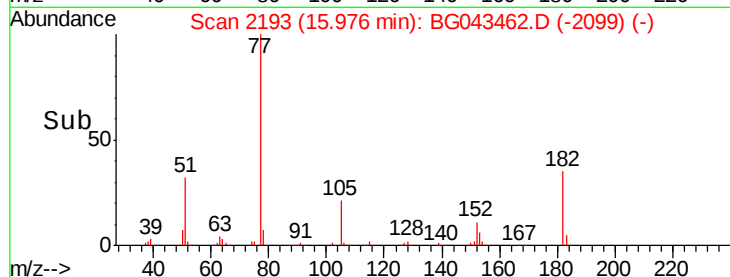
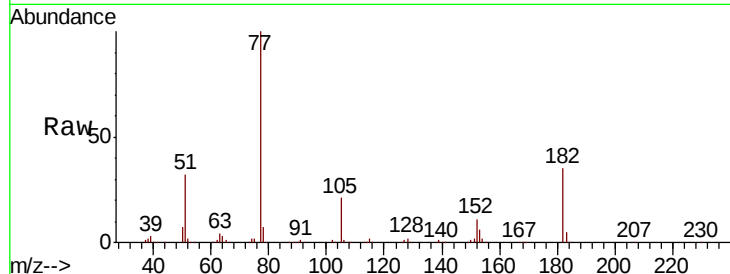




#63
Azobenzene
Concen: 35.768 ng
RT: 15.98 min Scan# 2193
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

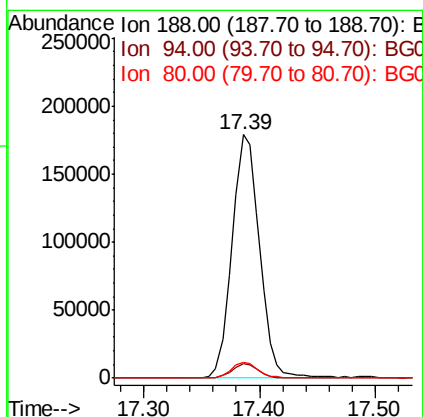
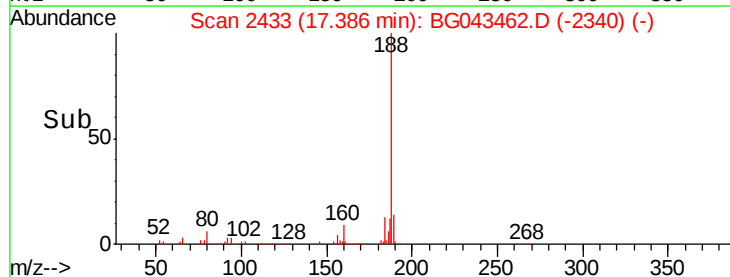
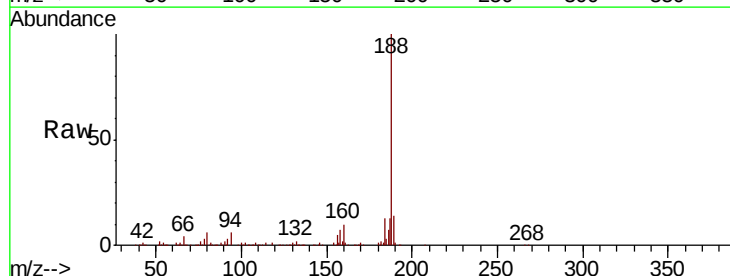
Instrument :
BNA_G
ClientSampleId :
PB124454BS

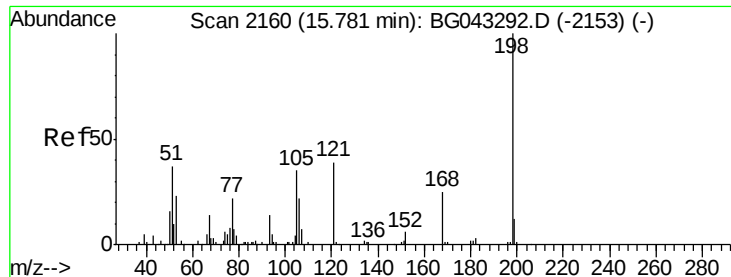
Tot Ion:	77	Resp:	279424
Ion	Ratio	Lower	Upper
77	100		
182	35.2	11.2	51.2
105	20.9	1.5	41.5
51	32.0	14.7	54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2433
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion:	188	Resp:	294807
Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.6	7.0
80	6.3	5.2	7.8





#65

4,6-Dinitro-2-methylphenol

Concen: 40.420 ng

RT: 15.77 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

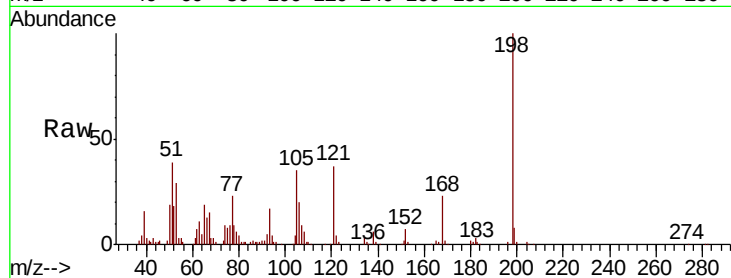
Tot Ion:198 Resp: 70127

Ion	Ratio	Lower	Upper
198	100		
51	39.1	17.3	57.3
105	34.9	13.9	53.9

198 100

51 39.1 17.3 57.3

105 34.9 13.9 53.9



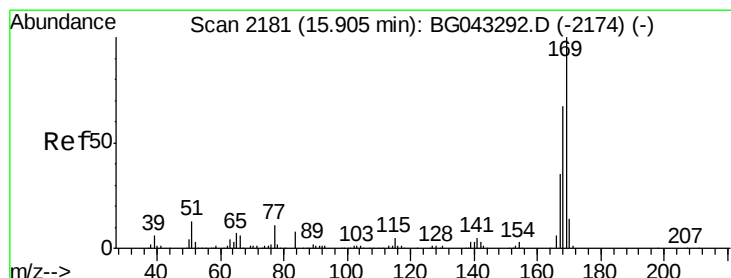
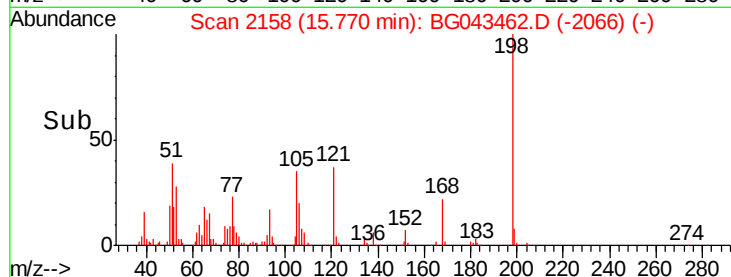
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043462.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): E

15.77

Time-->



#66

n-Nitrosodiphenylamine

Concen: 35.225 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

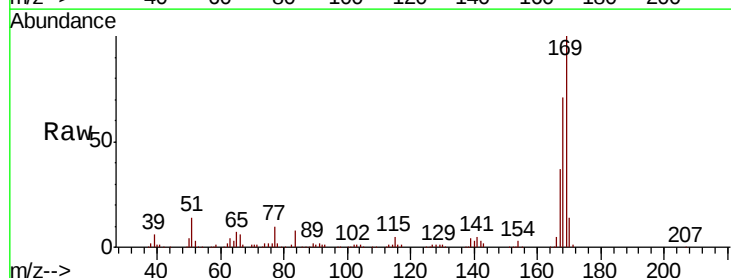
Tgt Ion:169 Resp: 293181

Ion	Ratio	Lower	Upper
169	100		
168	71.1	56.2	84.4
167	36.8	29.8	44.8

169 100

168 71.1 56.2 84.4

167 36.8 29.8 44.8



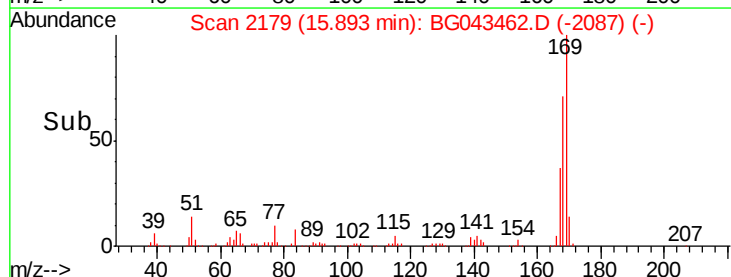
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.89

Time-->

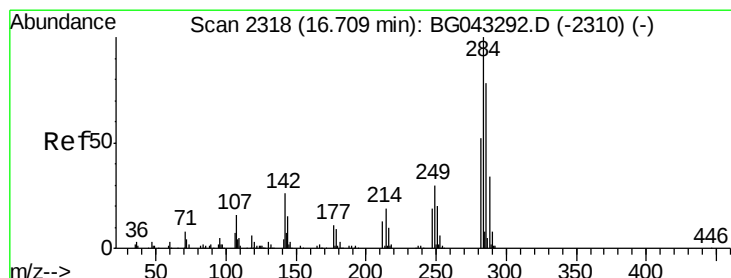
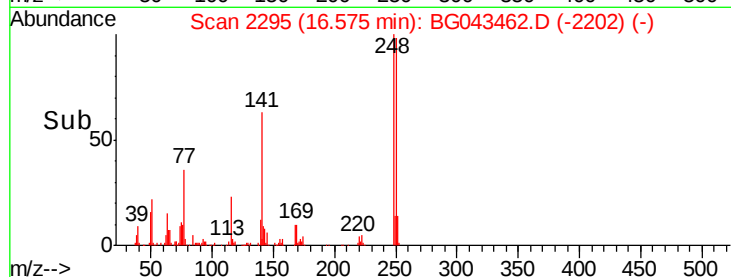
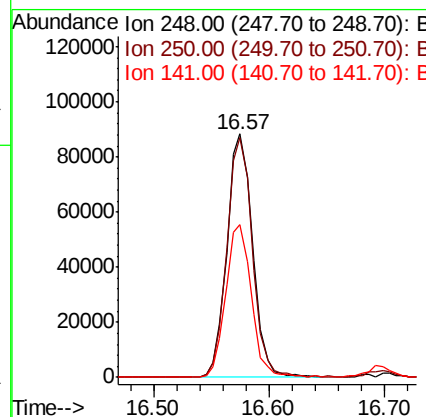
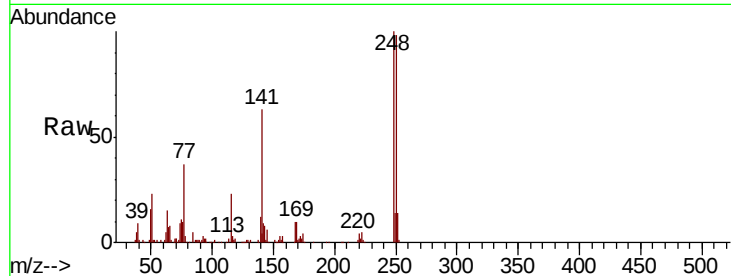




#67
4-Bromophenyl-phenylether
Concen: 34.317 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

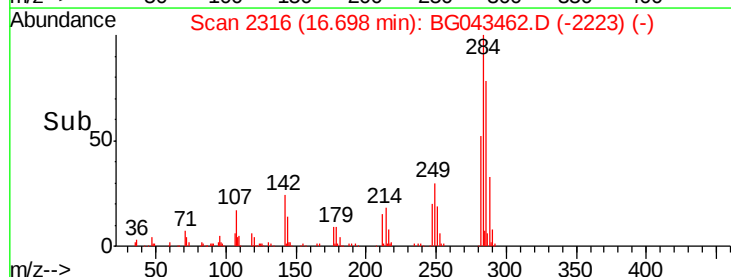
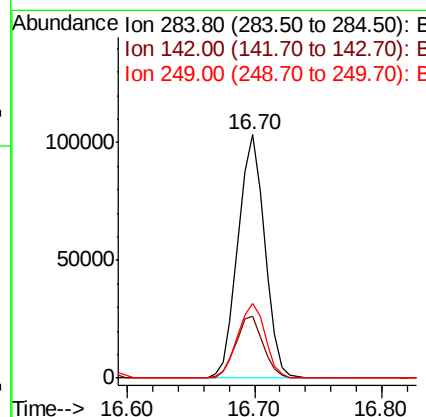
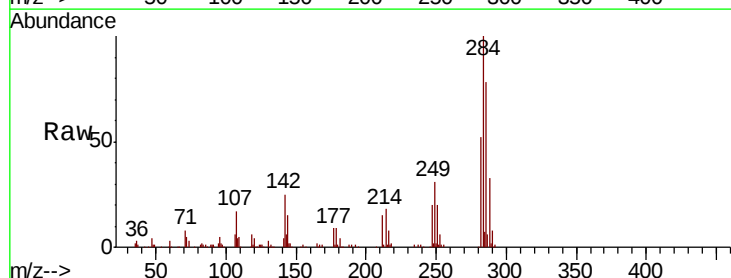
Instrument :
BNA_G
ClientSampleId :
PB124454BS

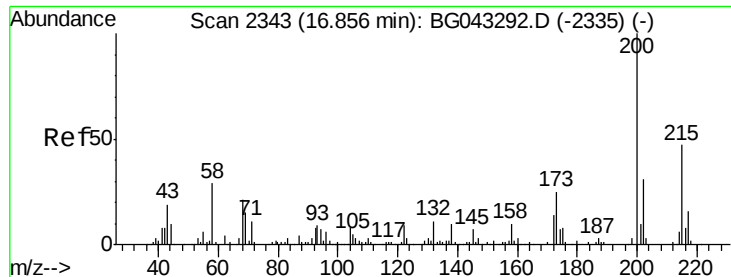
Tot Ion:248 Resp: 136149
Ion Ratio Lower Upper
248 100
250 98.3 76.3 114.5
141 62.8 49.5 74.3



#68
Hexachlorobenzene
Concen: 33.274 ng
RT: 16.70 min Scan# 2316
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion:284 Resp: 151533
Ion Ratio Lower Upper
284 100
142 25.3 23.2 34.8
249 30.6 27.0 40.4

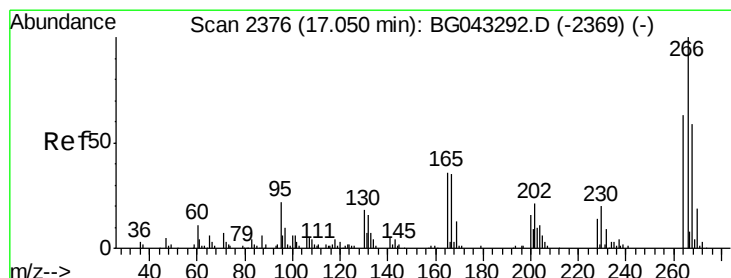
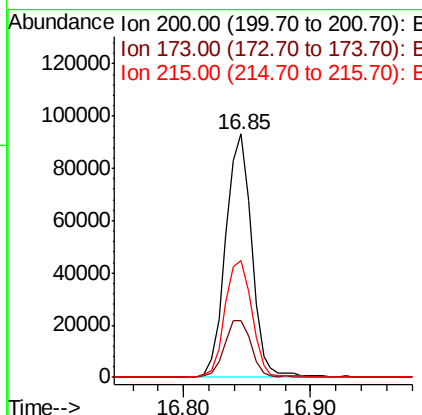
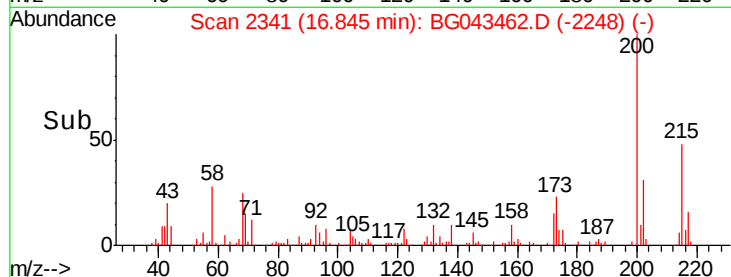
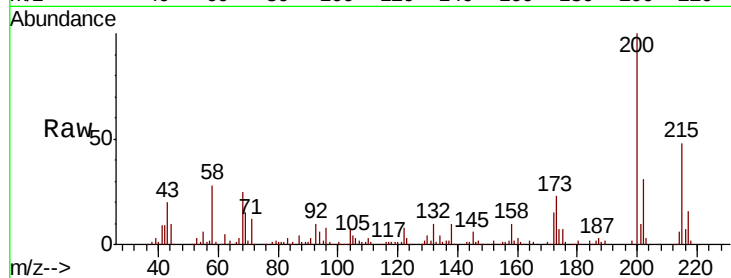




#69
 Atrazine
 Concen: 45.892 ng
 RT: 16.85 min Scan# 2341
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

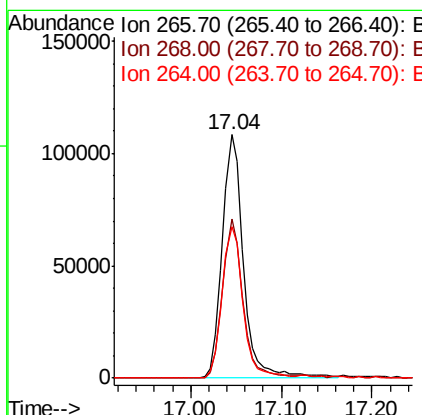
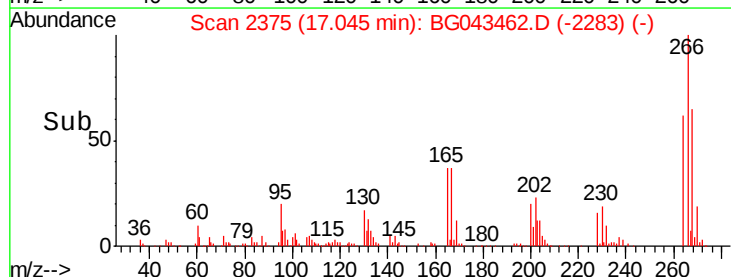
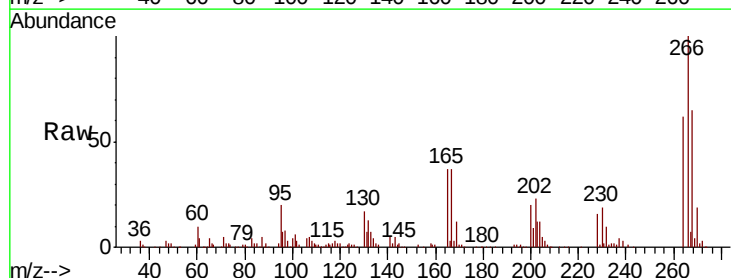
Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	5.1	45.1
215	47.8	29.8	69.8



#70
 Pentachlorophenol
 Concen: 84.768 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. 0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	53.2	79.8
264	62.0	48.9	73.3

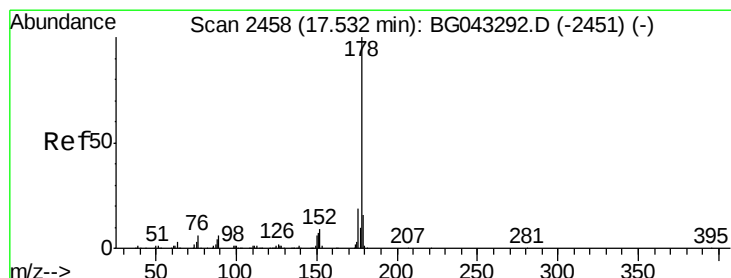
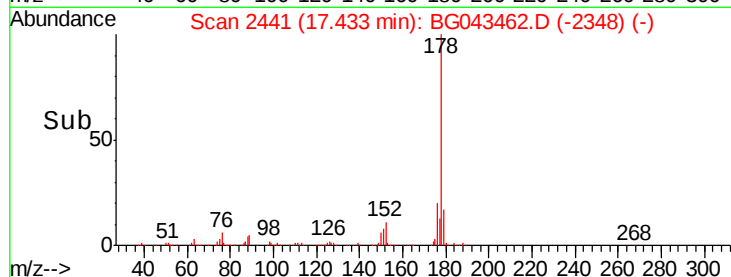
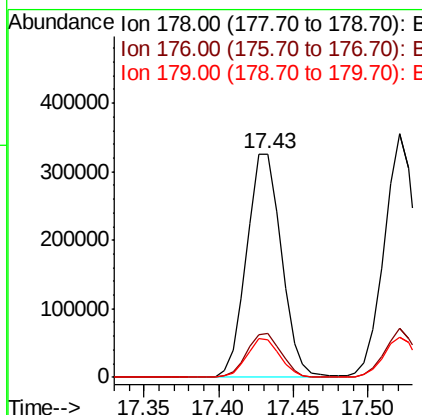
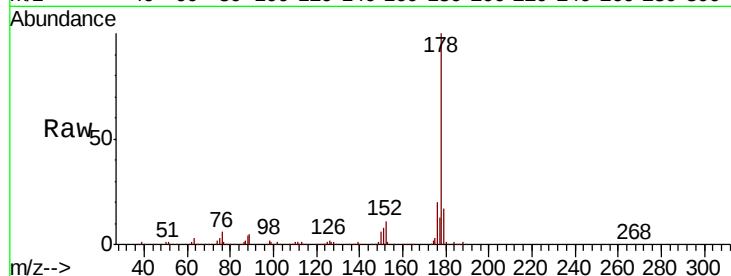




#71
Phenanthrene
Concen: 35.008 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

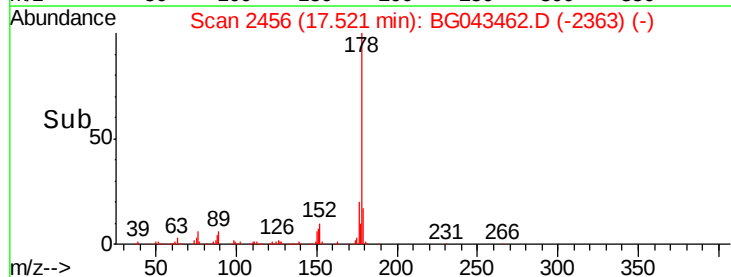
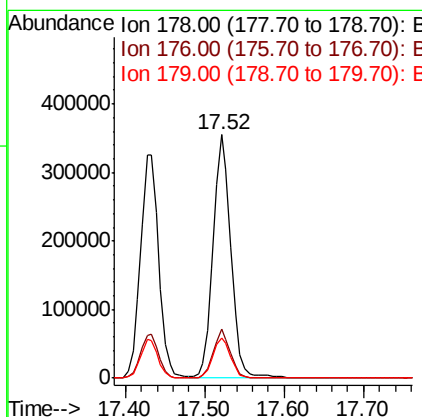
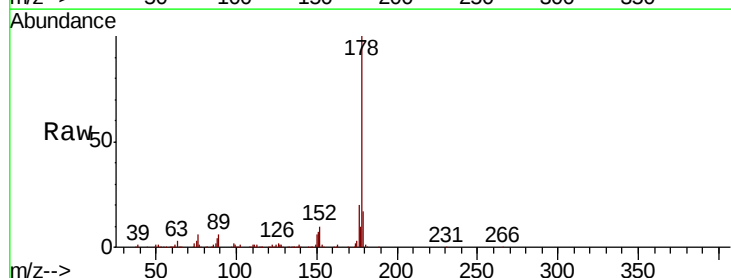
Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion:178 Resp: 528486
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 16.6 13.0 19.4



#72
Anthracene
Concen: 36.444 ng
RT: 17.52 min Scan# 2456
Delta R.T. 0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion:178 Resp: 550453
Ion Ratio Lower Upper
178 100
176 20.0 15.0 22.6
179 16.6 13.3 19.9

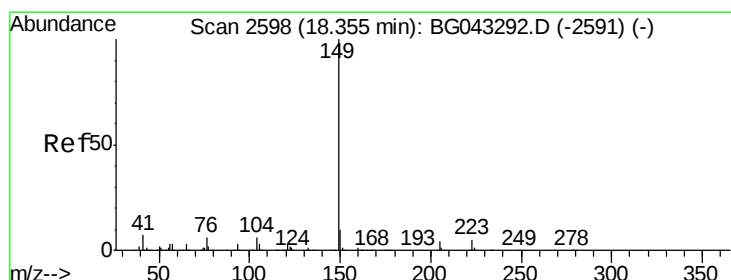
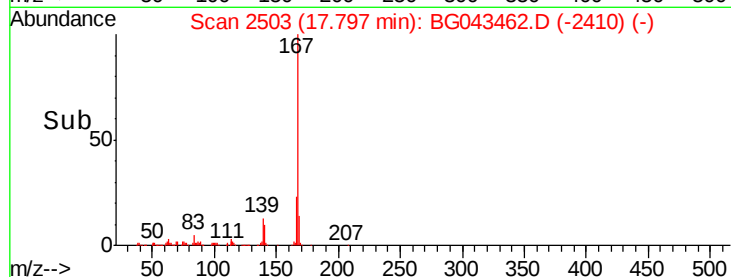
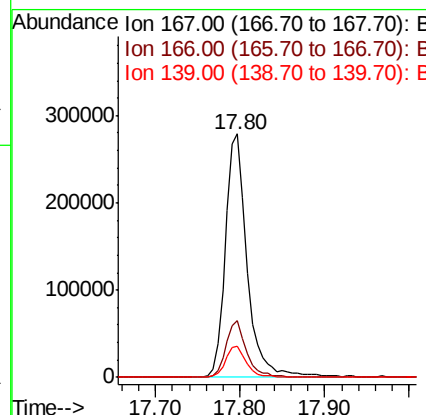
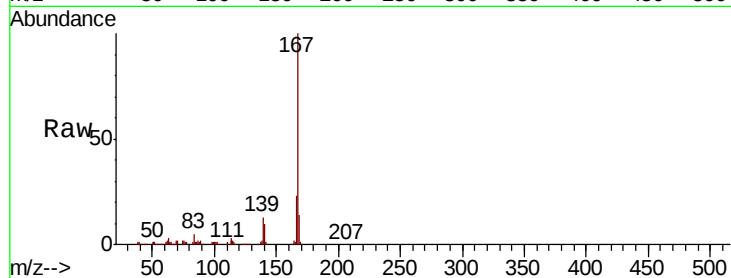




#73
 Carbazole
 Concen: 36.447 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

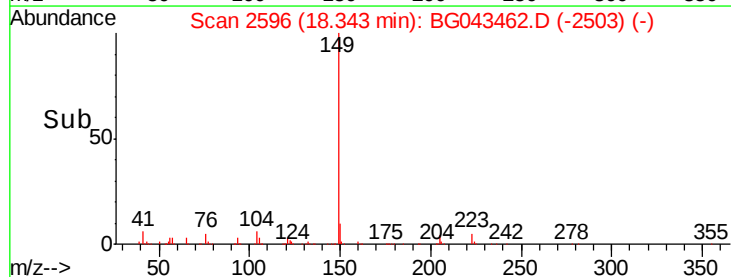
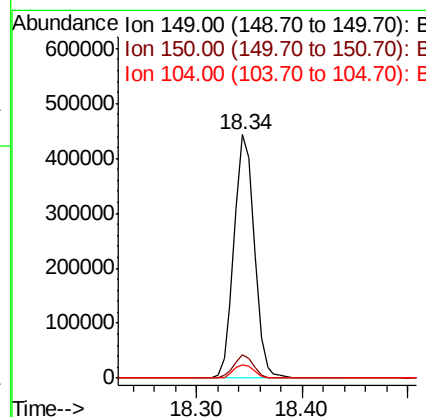
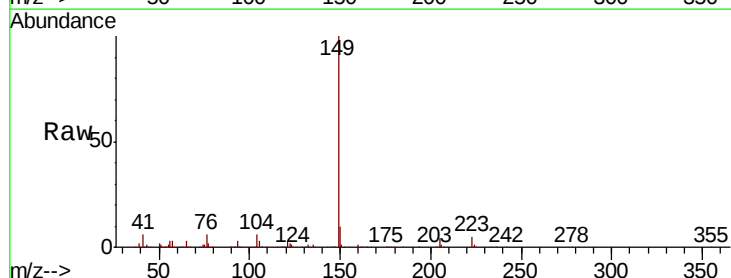
Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

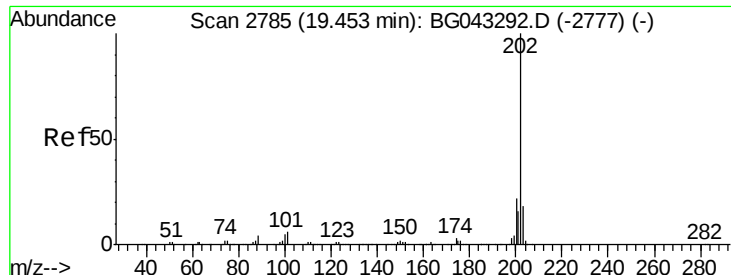
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.6	26.4
139	12.6	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 35.330 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. 0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	5.5	4.7	7.1





#75

Fluoranthene

Concen: 36.527 ng

RT: 19.44 min Scan# 2782

Delta R.T. 0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

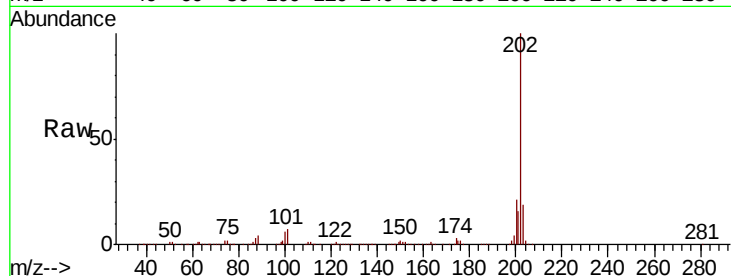
Tot Ion:202 Resp: 718886

Ion Ratio Lower Upper

202 100

101 7.0 0.0 25.6

203 18.5 0.0 37.6

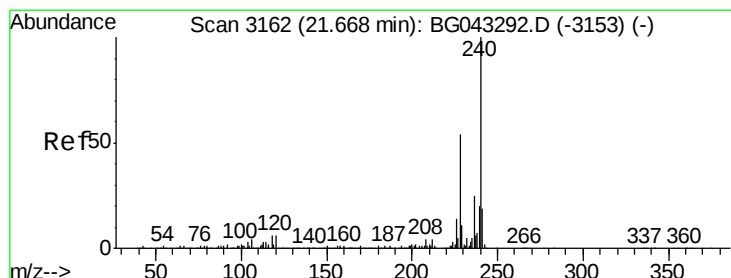
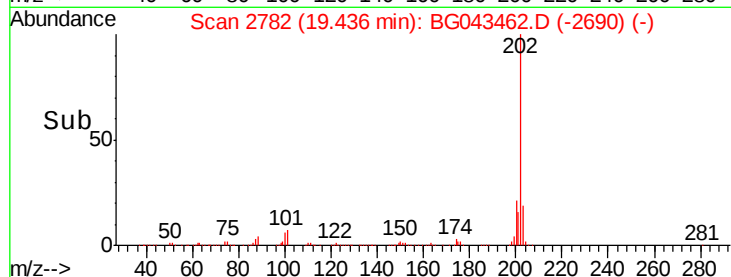
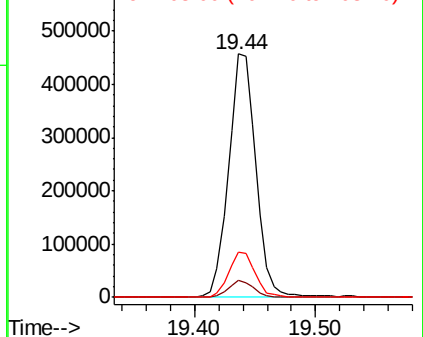


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

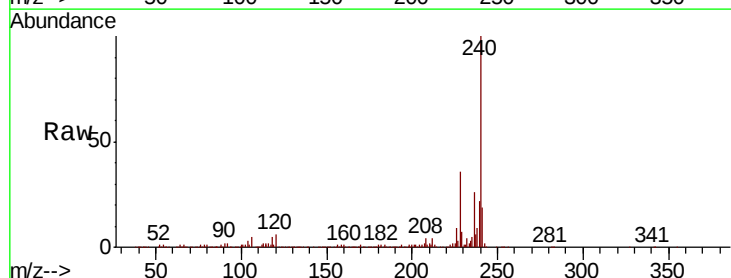
Tgt Ion:240 Resp: 331075

Ion Ratio Lower Upper

240 100

120 5.8 4.9 7.3

236 25.6 21.4 32.0

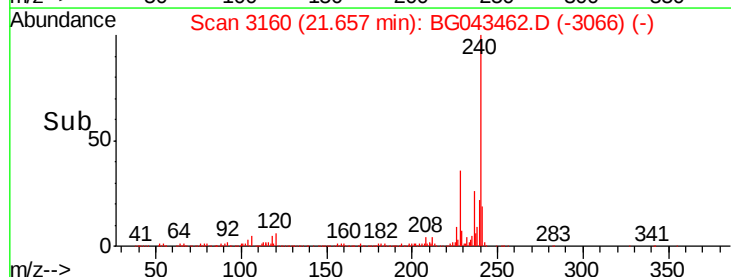
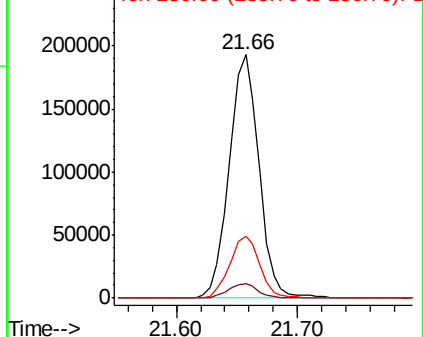


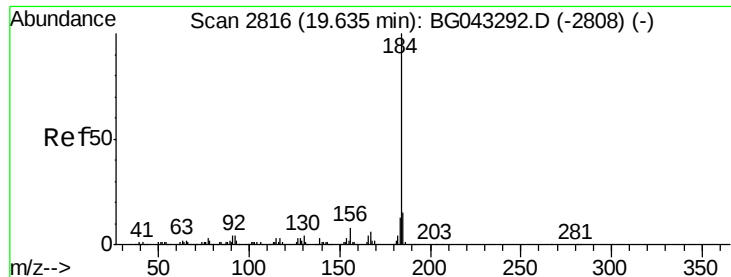
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.047 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.38 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

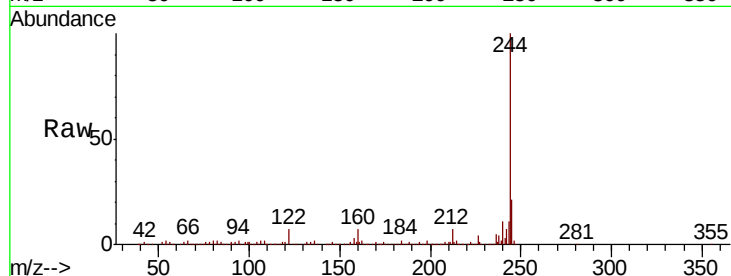
Tot Ion:184 Resp: 13642

Ion Ratio Lower Upper

184 100

185 18.2 12.7 19.1

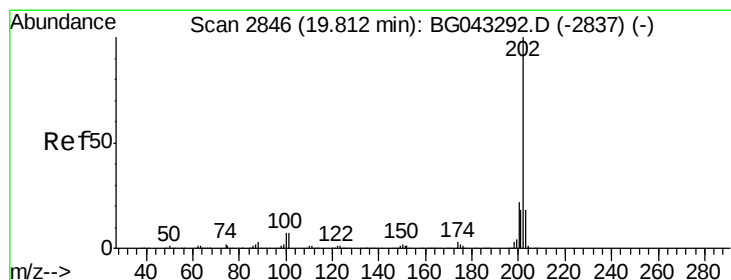
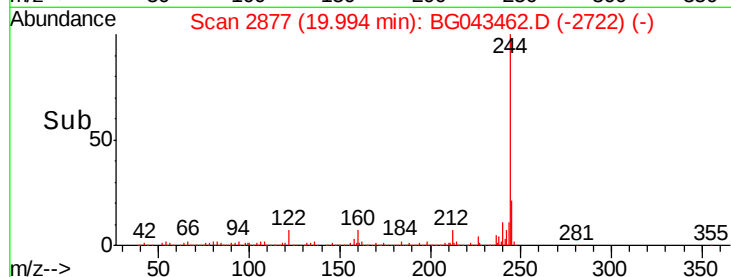
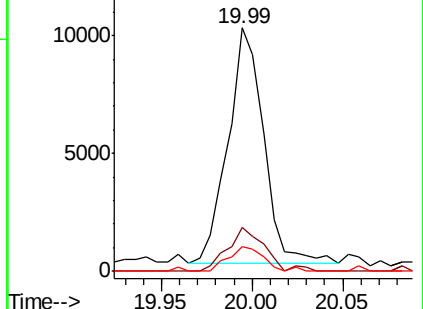
183 9.9 8.8 13.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.634 ng

RT: 19.80 min Scan# 2844

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

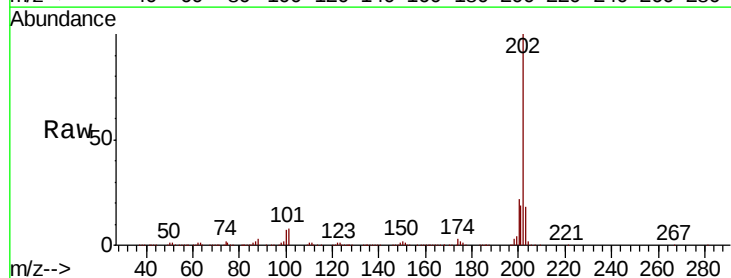
Tgt Ion:202 Resp: 730250

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

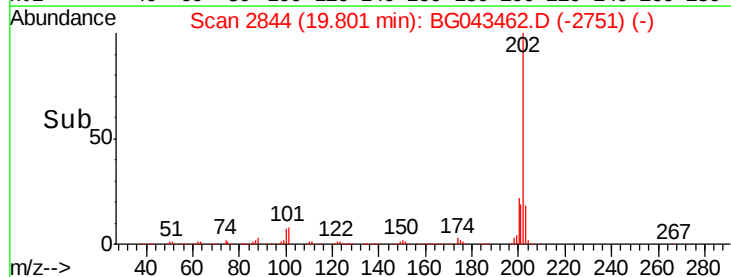
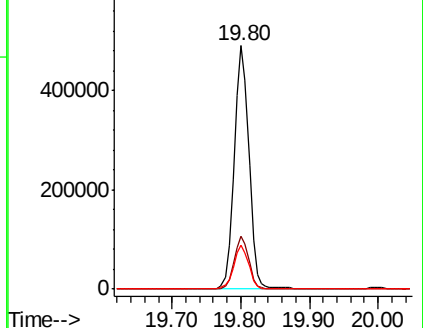
203 18.3 14.8 22.2

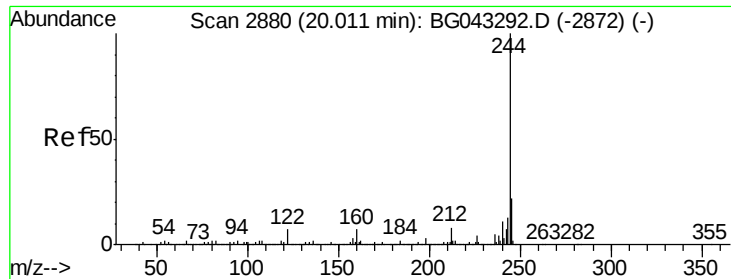


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 53.598 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

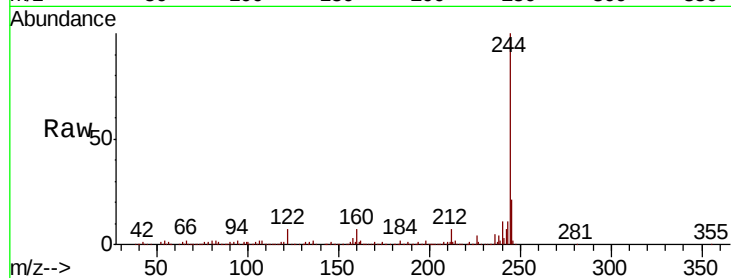
Tot Ion:244 Resp: 945869

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

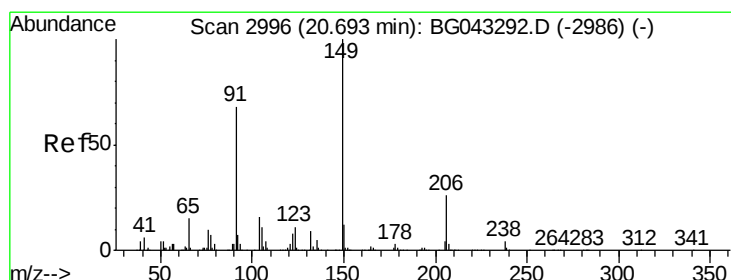
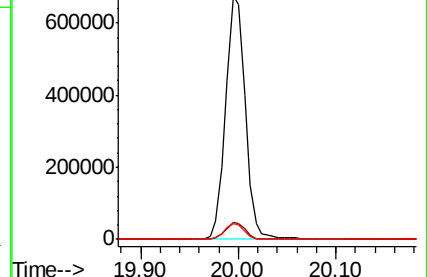
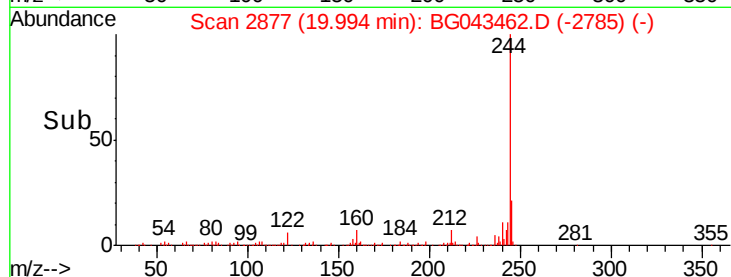
122 6.7 5.2 7.8



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: 34.636 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

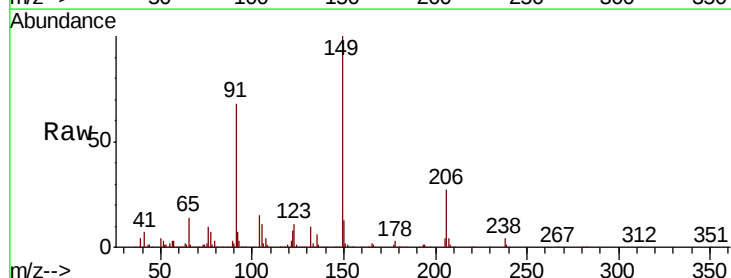
Tgt Ion:149 Resp: 268915

Ion Ratio Lower Upper

149 100

91 67.5 55.4 83.0

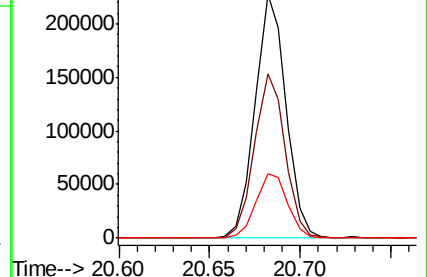
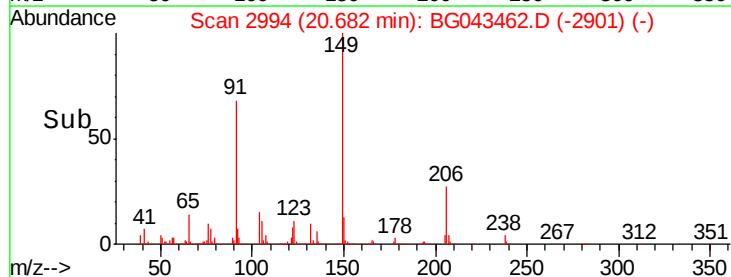
206 26.6 20.2 30.4

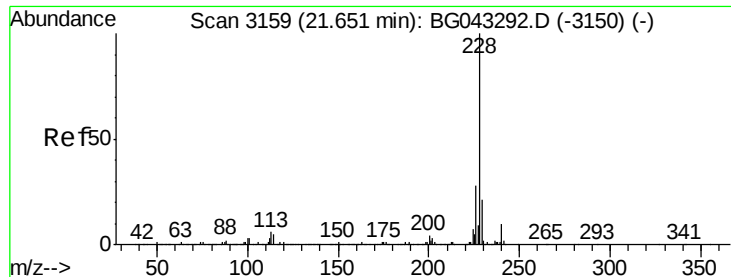


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.143 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampled :

PB124454BS

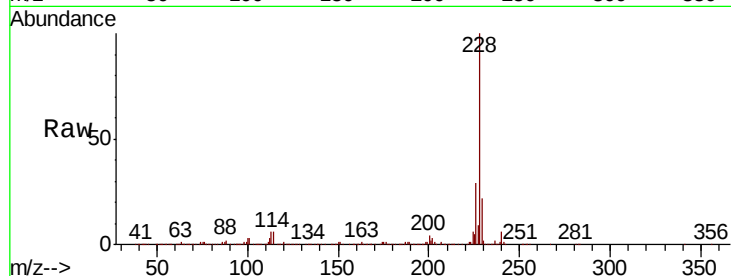
Tot Ion:228 Resp: 749543

Ion Ratio Lower Upper

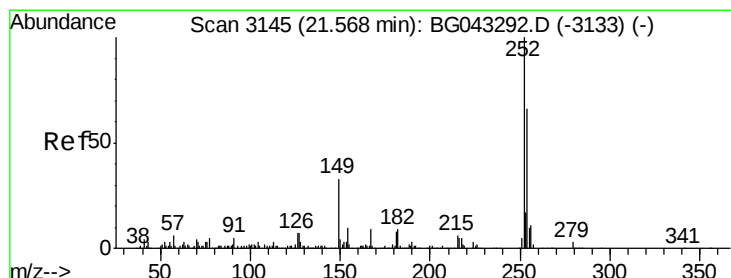
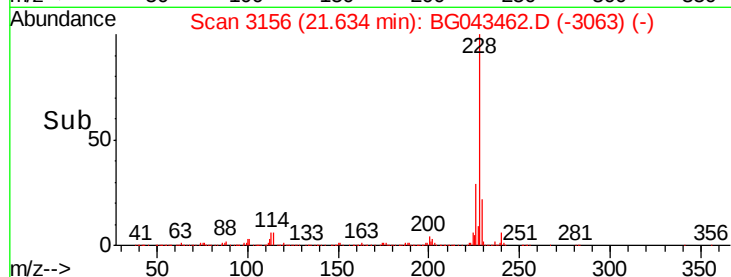
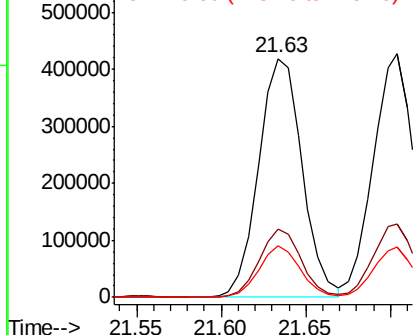
228 100

226 28.8 21.8 32.6

229 21.8 15.9 23.9



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: 29.233 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

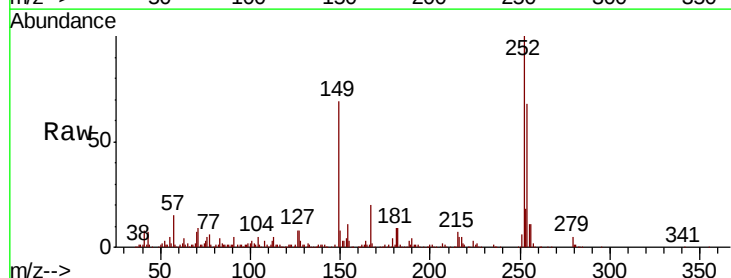
Tgt Ion:252 Resp: 234481

Ion Ratio Lower Upper

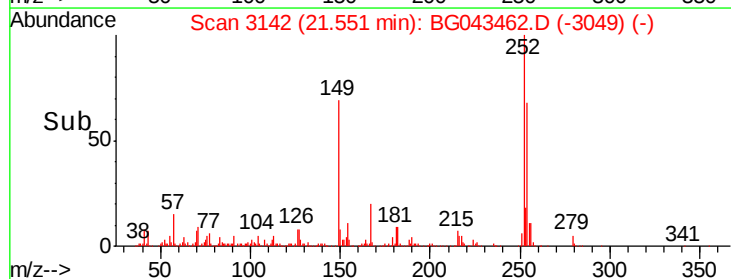
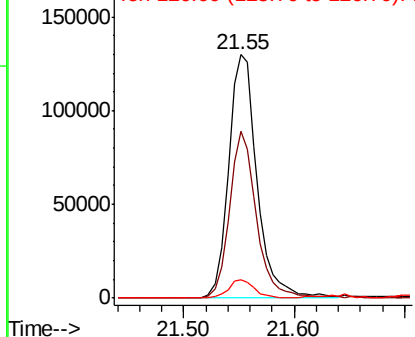
252 100

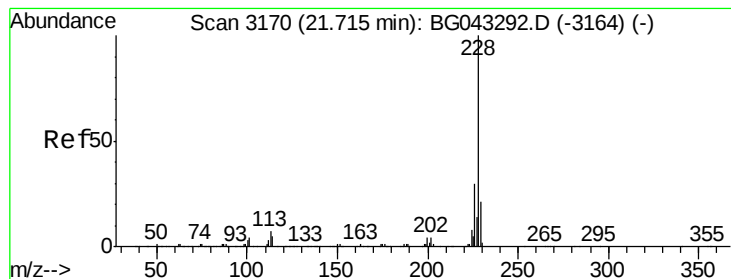
254 68.4 50.2 75.4

126 7.5 5.4 8.0



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





#83

Chrysene

Concen: 35.187 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampled :

PB124454BS

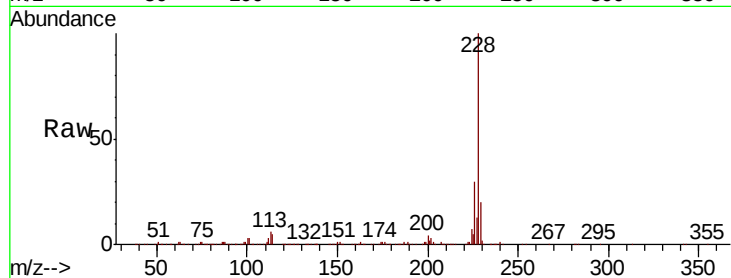
Tot Ion:228 Resp: 725029

Ion Ratio Lower Upper

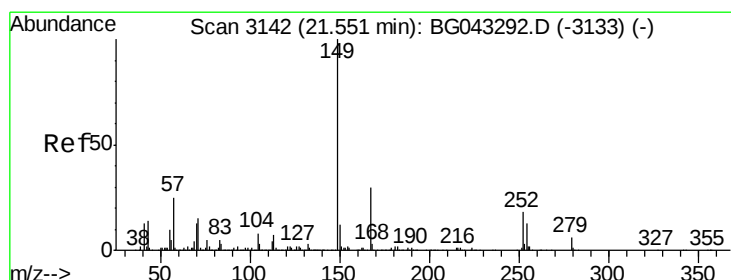
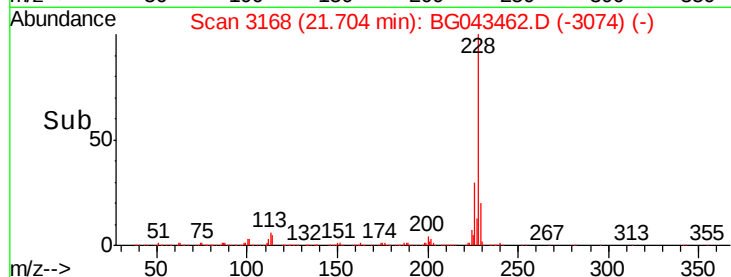
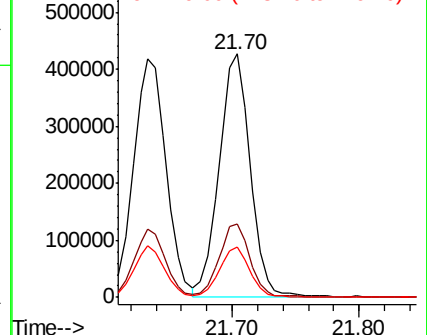
228 100

226 30.4 23.3 34.9

229 20.5 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.136 ng

RT: 21.54 min Scan# 3140

Delta R.T. 0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

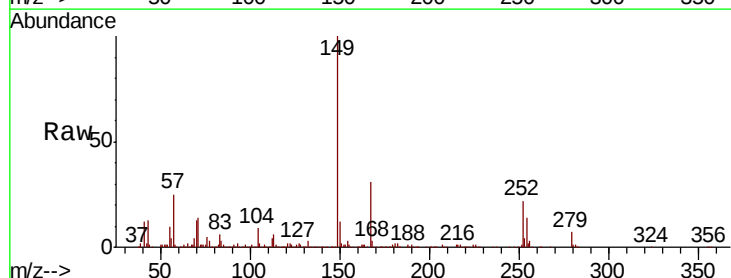
Tgt Ion:149 Resp: 398545

Ion Ratio Lower Upper

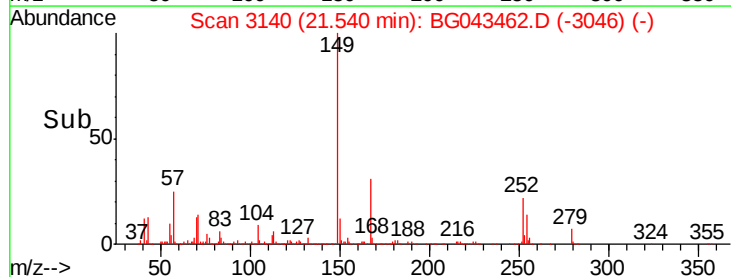
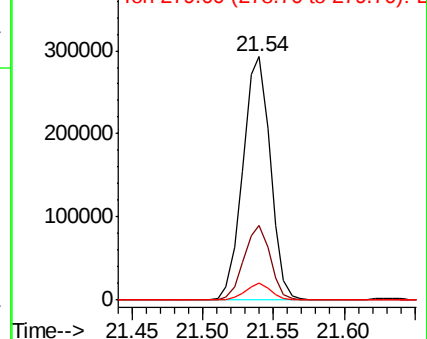
149 100

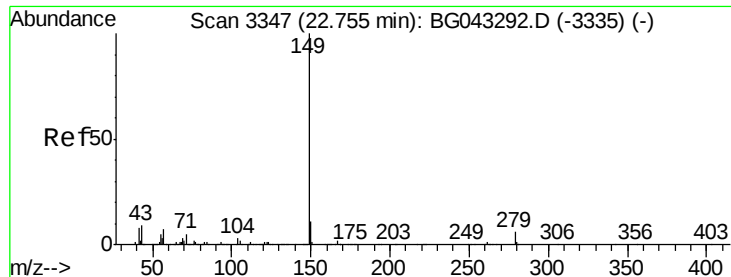
167 30.7 24.8 37.2

279 6.8 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

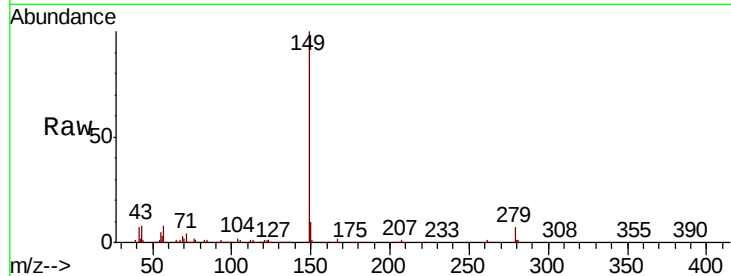




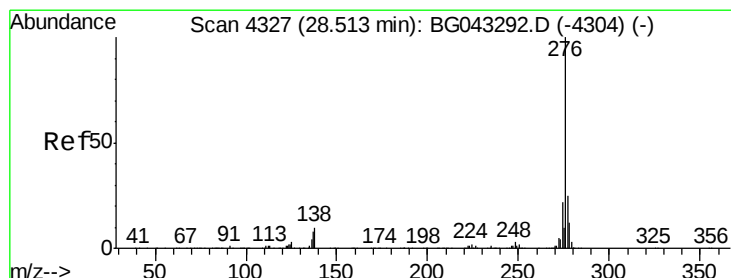
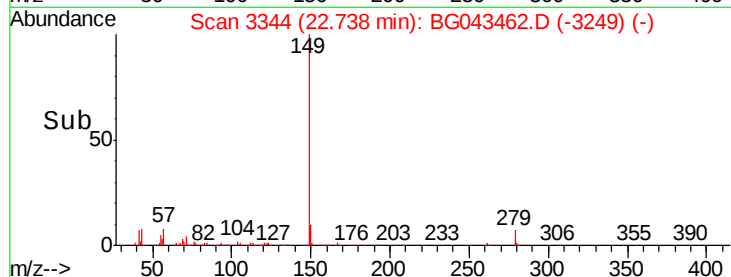
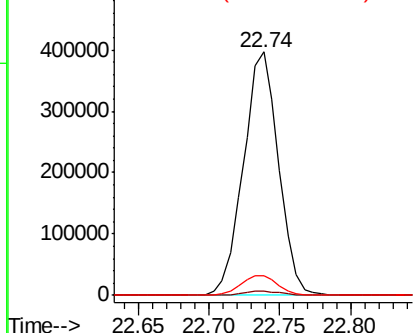
#85
Di-n-octyl phthalate
Concen: 36.818 ng
RT: 22.74 min Scan# 3344
Delta R.T. 0.03 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion:149 Resp: 688922
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 8.5 7.8 11.8

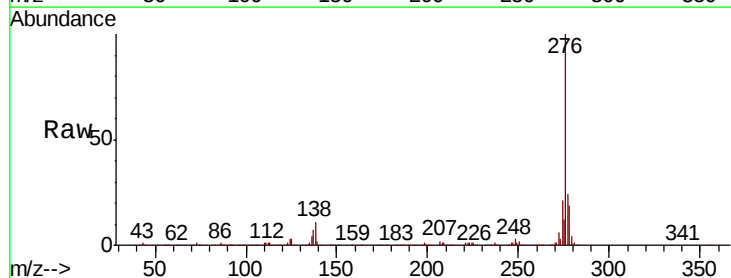


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

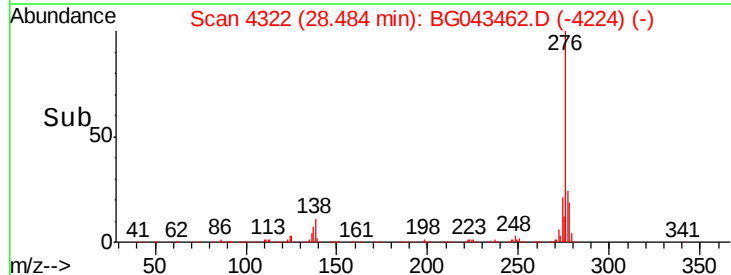
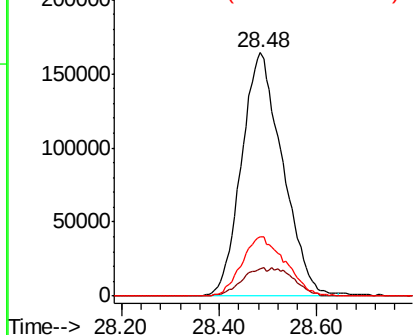


#86
Indeno(1,2,3-cd)pyrene
Concen: 37.174 ng
RT: 28.48 min Scan# 4322
Delta R.T. 0.05 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion:276 Resp: 961497
Ion Ratio Lower Upper
276 100
138 7.0 11.3 16.9#
277 25.8 20.6 31.0



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# 3703

Delta R.T. 0.04 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

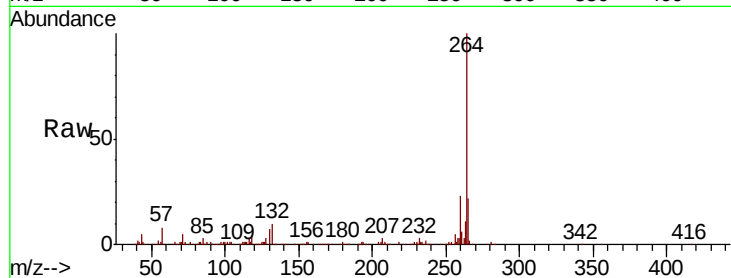
Tot Ion:264 Resp: 370371

Ion Ratio Lower Upper

264 100

260 22.6 18.4 27.6

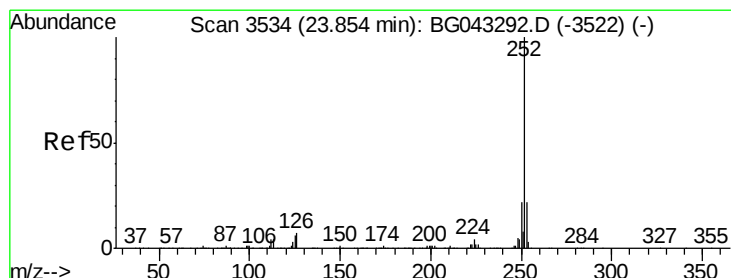
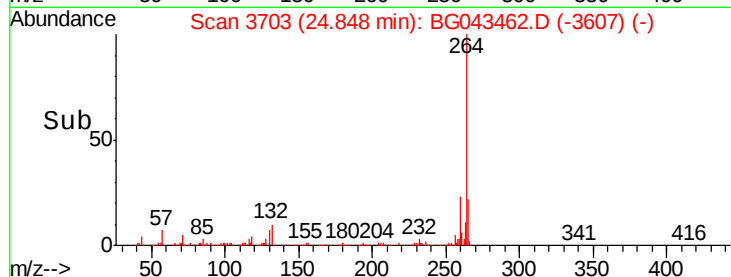
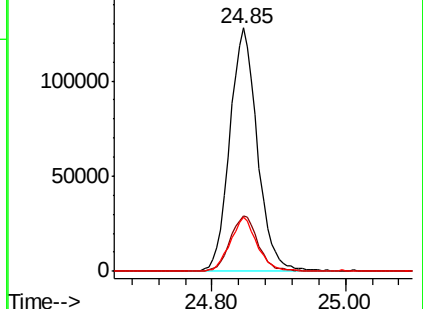
265 22.4 15.8 23.8



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: 37.820 ng

RT: 23.84 min Scan# 3531

Delta R.T. 0.04 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

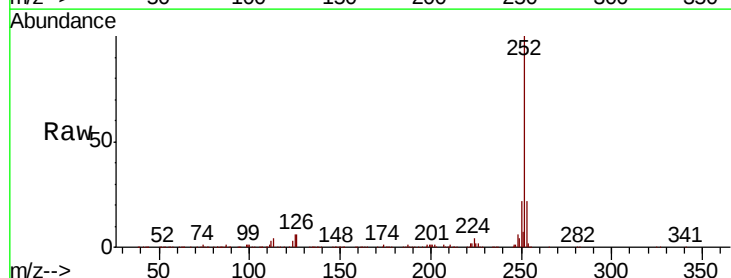
Tgt Ion:252 Resp: 793327

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

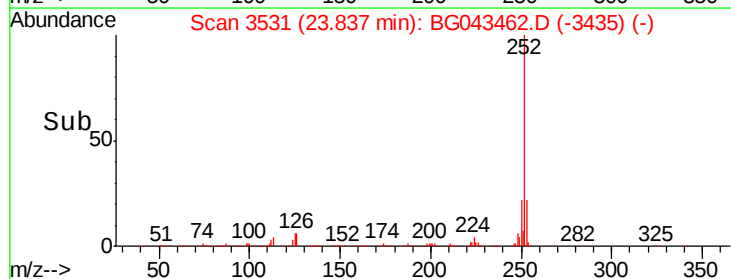
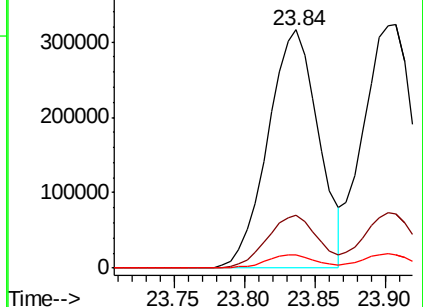
125 5.8 4.5 6.7

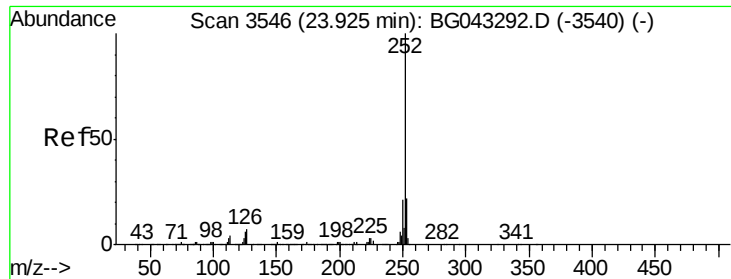


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.482 ng

RT: 23.91 min Scan# 3543

Delta R.T. 0.04 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB124454BS

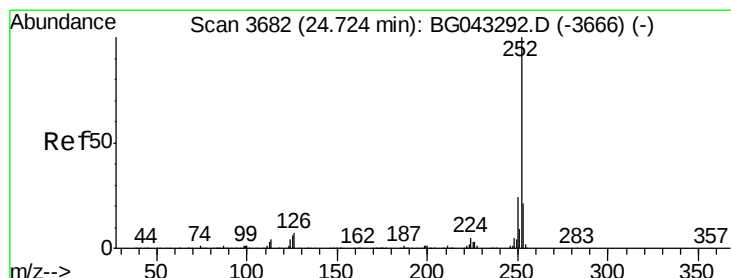
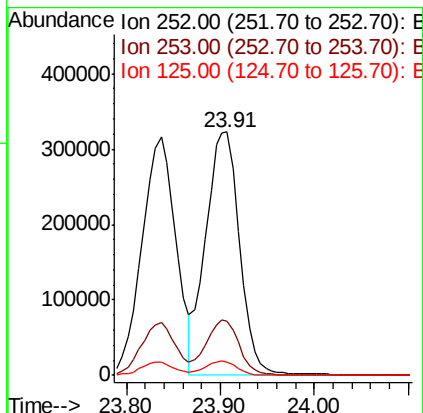
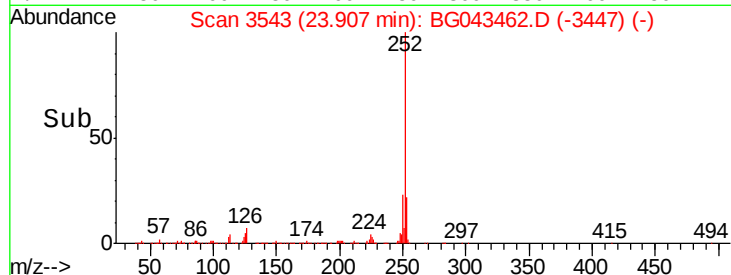
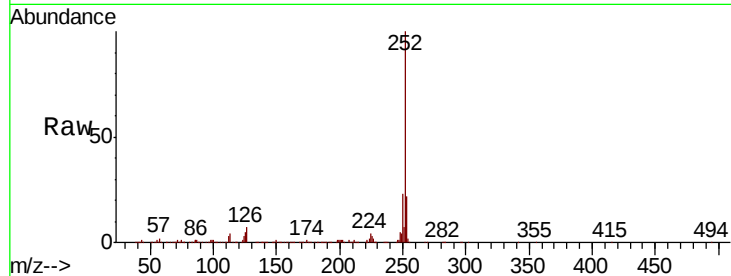
Tot Ion:252 Resp: 812635

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 5.2 4.7 7.1



#90

Benzo(a)pyrene

Concen: 37.212 ng

RT: 24.70 min Scan# 3678

Delta R.T. 0.04 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

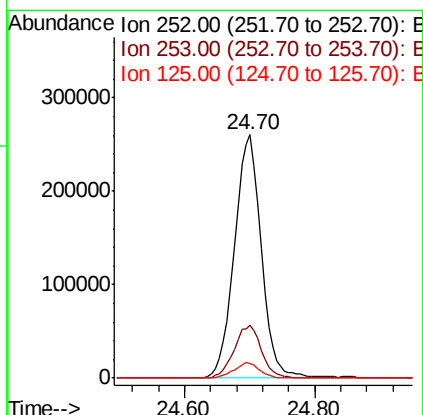
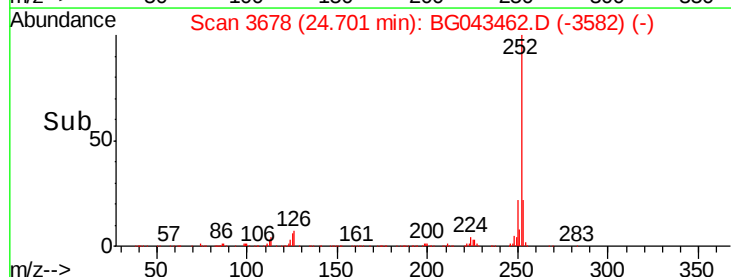
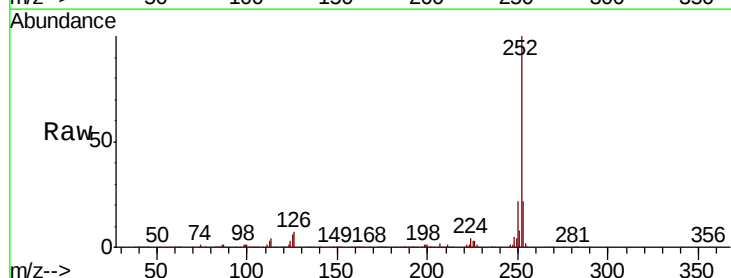
Tgt Ion:252 Resp: 745396

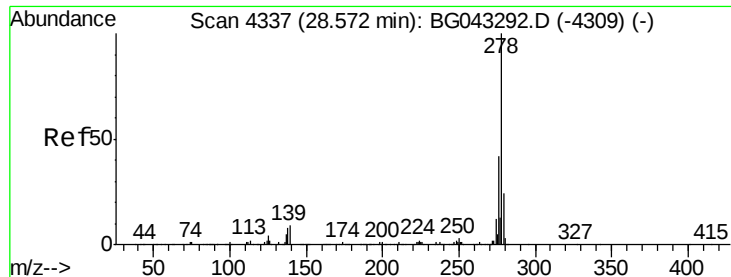
Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 6.1 5.0 7.6

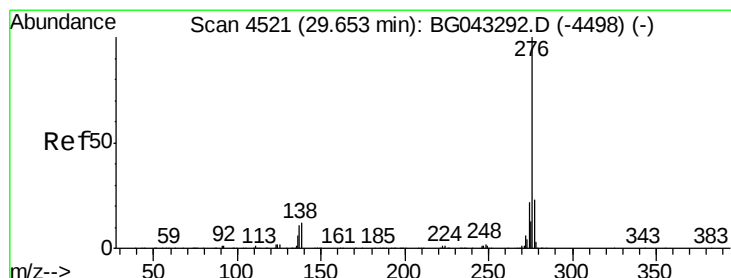
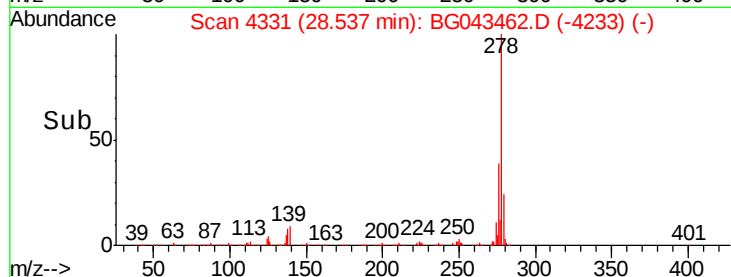
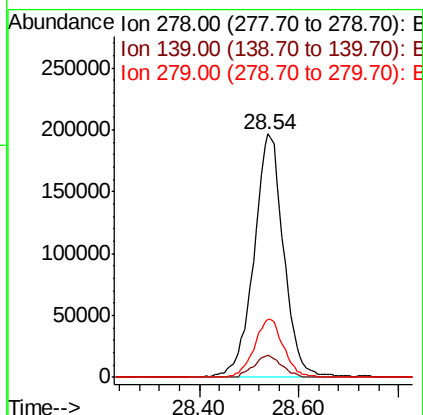
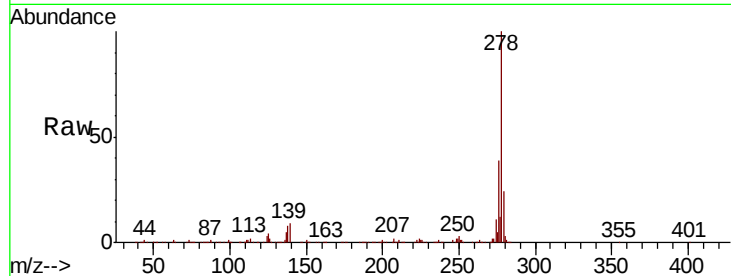




#91
Dibenzo(a,h)anthracene
Concen: 39.666 ng
RT: 28.54 min Scan# 4331
Delta R.T. 0.05 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion:278 Resp: 812715
Ion Ratio Lower Upper
278 100
139 9.0 7.2 10.8
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 40.402 ng
RT: 29.62 min Scan# 4516
Delta R.T. 0.05 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion:276 Resp: 816531
Ion Ratio Lower Upper
276 100
277 22.7 19.8 29.6
138 11.1 9.7 14.5

