

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043369.D
 Acq On : 29 Oct 2019 11:35
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:19:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41606	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	173906	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	125617	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	277018	20.00	ng	0.00
76) Chrysene-d12	21.66	240	289086	20.00	ng	0.00
87) Perylene-d12	24.86	264	349801	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	196083	86.36	ng	0.00
7) Phenol-d6	7.21	99	288582	88.34	ng	0.01
23) Nitrobenzene-d5	9.19	82	275412	81.65	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	188589	78.89	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	751952	82.72	ng	0.00
79) Terphenyl-d14	20.00	244	1297631	84.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	38810	43.863	ng	99
3) Pyridine	3.89	79	102828	46.071	ng	99
4) n-Nitrosodimethylamine	3.81	42	47241	41.945	ng	# 88
6) Aniline	7.35	93	159923	42.497	ng	96
8) 2-Chlorophenol	7.60	128	106089	42.327	ng	97
9) Benzaldehyde	7.16	77	74967	46.696	ng	94
10) Phenol	7.24	94	130678	43.776	ng	100
11) bis(2-Chloroethyl)ether	7.44	93	98686	42.760	ng	97
12) 1,3-Dichlorobenzene	7.91	146	133817	42.613	ng	97
13) 1,4-Dichlorobenzene	8.06	146	133484	42.013	ng	99
14) 1,2-Dichlorobenzene	8.38	146	129595	41.775	ng	99
15) Benzyl Alcohol	8.27	79	97247	42.387	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	138907	41.392	ng	97
17) 2-Methylphenol	8.48	107	94685	43.510	ng	92
18) Hexachloroethane	9.11	117	47966	41.844	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	89356	42.331	ng	97
20) 3+4-Methylphenols	8.81	107	127882	42.855	ng	93
22) Acetophenone	8.85	105	183718	41.252	ng	98
24) Nitrobenzene	9.23	77	128454	39.975	ng	97
25) Isophorone	9.75	82	244644	39.668	ng	99
26) 2-Nitrophenol	9.95	139	64884	41.824	ng	91
27) 2,4-Dimethylphenol	10.01	122	92859	41.762	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	138306	40.633	ng	98
29) 2,4-Dichlorophenol	10.49	162	122589	43.029	ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	146253	40.731	ng	97
31) Naphthalene	10.88	128	360635	40.854	ng	99
32) Benzoic acid	10.18	122	61468	38.428	ng	98
33) 4-Chloroaniline	10.99	127	152480	42.140	ng	99
34) Hexachlorobutadiene	11.16	225	108115	40.731	ng	93
35) Caprolactam	11.76	113	38788	39.531	ng	# 82
36) 4-Chloro-3-methylphenol	12.13	107	129224	41.583	ng	94
37) 2-Methylnaphthalene	12.48	142	274015	40.456	ng	97
38) 1-Methylnaphthalene	12.70	142	263867	40.945	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	197234	42.426	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	88385	36.192	ng	96
43) 2,4,6-Trichlorophenol	13.10	196	115270	42.103	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	115289	41.653	ng	94
46) 1,1'-Biphenyl	13.48	154	398227	41.672	ng	99
47) 2-Chloronaphthalene	13.53	162	301199	41.424	ng	99
48) 2-Nitroaniline	13.74	65	88407	40.681	ng	96
49) Acenaphthylene	14.38	152	466946	41.263	ng	100
50) Dimethylphthalate	14.11	163	382313	39.293	ng	100
51) 2,6-Dinitrotoluene	14.22	165	84835	40.134	ng	97
52) Acenaphthene	14.72	154	283226	41.041	ng	99
53) 3-Nitroaniline	14.56	138	83103	40.720	ng	98
54) 2,4-Dinitrophenol	14.76	184	51321	42.624	ng	93
55) Dibenzofuran	15.05	168	450219	40.229	ng	98
56) 4-Nitrophenol	14.90	139	52238	38.196	ng	94
57) 2,4-Dinitrotoluene	15.01	165	119290	39.489	ng	98
58) Fluorene	15.70	166	375148	39.968	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	118867	40.421	ng	# 99
60) Diethylphthalate	15.46	149	380253	38.895	ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	219473	40.081	ng	95
62) 4-Nitroaniline	15.73	138	86572	41.075	ng	97
63) Azobenzene	15.98	77	315741	39.905	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	61467	37.704	ng	97
66) n-Nitrosodiphenylamine	15.90	169	326702	41.773	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	158450	42.502	ng	98
68) Hexachlorobenzene	16.71	284	180302	42.133	ng	98
69) Atrazine	16.85	200	103086	37.933	ng	96
70) Pentachlorophenol	17.06	266	80457	41.262	ng	97
71) Phenanthrene	17.44	178	589135	41.531	ng	99
72) Anthracene	17.53	178	589529	41.537	ng	100
73) Carbazole	17.80	167	525944	40.921	ng	99
74) Di-n-butylphthalate	18.35	149	637219	40.861	ng	99
75) Fluoranthene	19.45	202	744826	40.275	ng	100
77) Benzidine	19.63	184	231744	39.833	ng	98
78) Pyrene	19.81	202	744921	41.629	ng	100
80) Butylbenzylphthalate	20.69	149	289212	42.661	ng	96
81) Benzo(a)anthracene	21.64	228	767440	42.381	ng	98
82) 3,3'-Dichlorobenzidine	21.56	252	303964	43.399	ng	98
83) Chrysene	21.71	228	753083	41.857	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	412714	42.856	ng	98
85) Di-n-octyl phthalate	22.74	149	708816	43.384	ng	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	986283	43.671	ng	# 97
88) Benzo(b)fluoranthene	23.85	252	814082	41.091	ng	99
89) Benzo(k)fluoranthene	23.91	252	838276	42.030	ng	99
90) Benzo(a)pyrene	24.71	252	786636	41.580	ng	100
91) Dibenzo(a,h)anthracene	28.57	278	810448	41.881	ng	99
92) Benzo(g,h,i)perylene	29.63	276	793479	41.570	ng	95

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

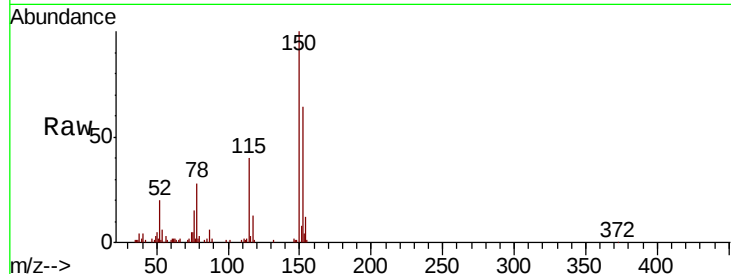


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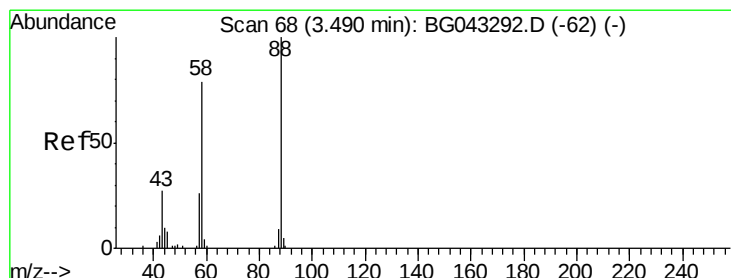
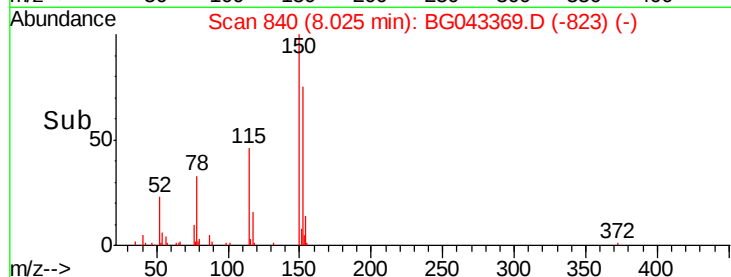
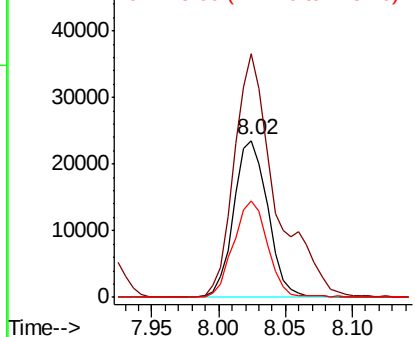
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 41606
Ion Ratio Lower Upper
152 100
150 155.4 113.6 170.4
115 61.7 45.9 68.9



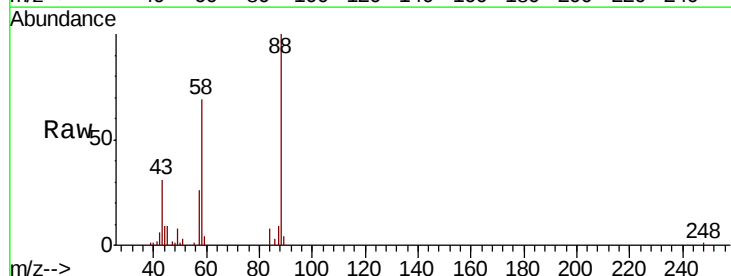
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



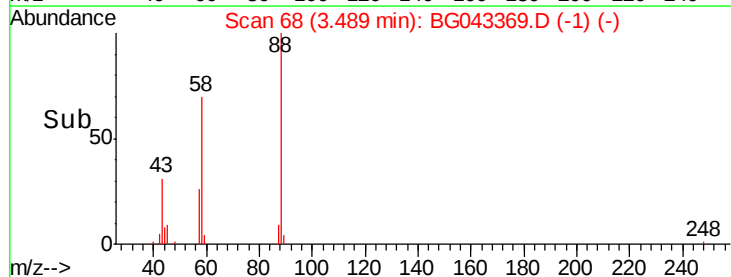
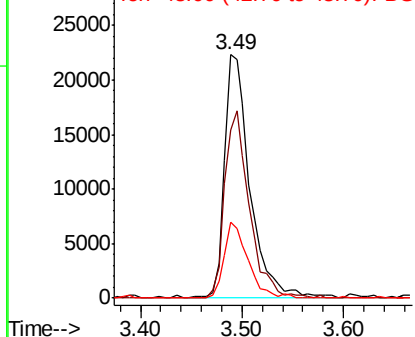
#2

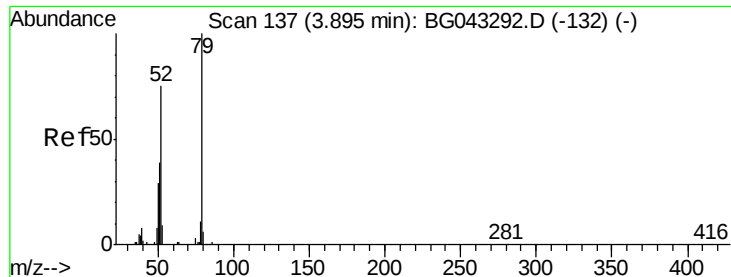
1,4-Dioxane
Concen: 43.863 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion: 88 Resp: 38810
Ion Ratio Lower Upper
88 100
58 74.2 60.2 90.2
43 29.1 22.7 34.1



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 46.071 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

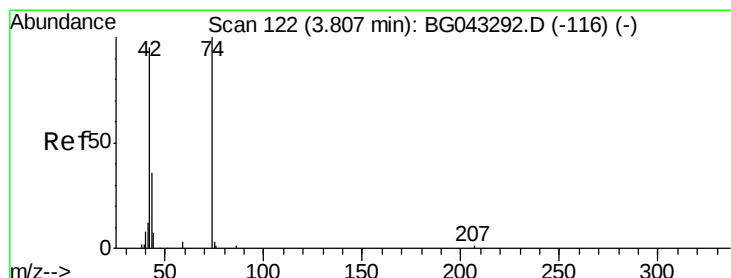
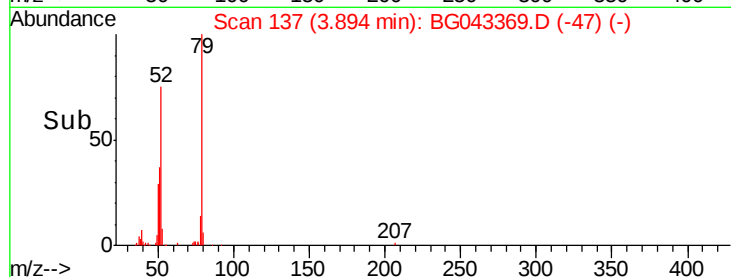
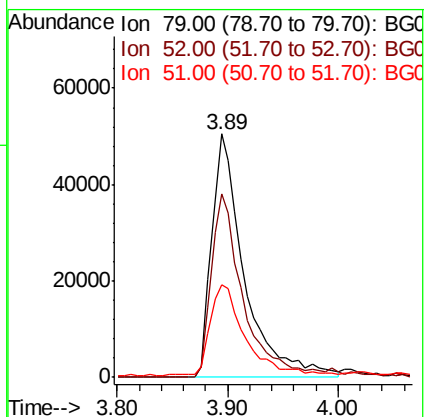
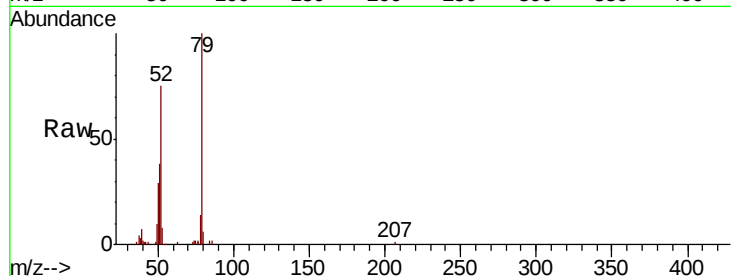
Tot Ion: 79 Resp: 102828

Ion Ratio Lower Upper

79 100

52 75.2 59.7 89.5

51 38.1 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 41.945 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

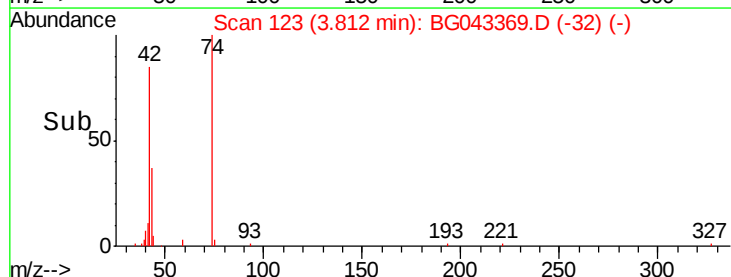
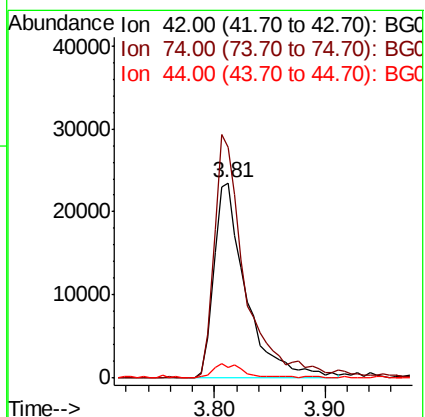
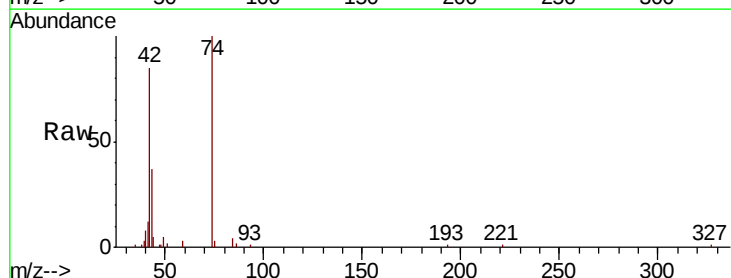
Tgt Ion: 42 Resp: 47241

Ion Ratio Lower Upper

42 100

74 118.0 84.2 126.2

44 5.3 6.0 9.0#





#5

2-Fluorophenol

Concen: 86.361 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

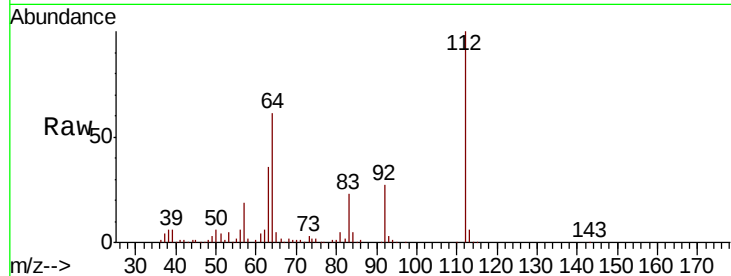
Tot Ion:112 Resp: 196083

Ion Ratio Lower Upper

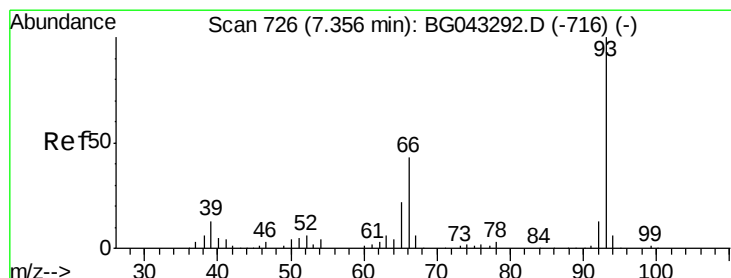
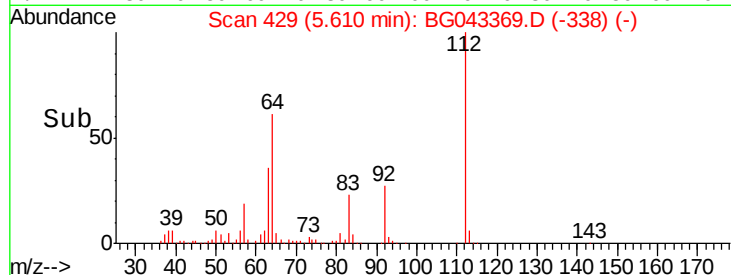
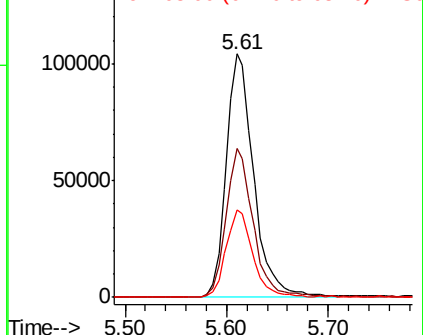
112 100

64 61.1 50.2 75.2

63 35.7 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.497 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

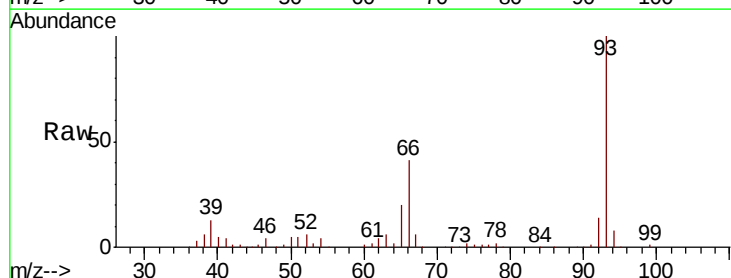
Tgt Ion: 93 Resp: 159923

Ion Ratio Lower Upper

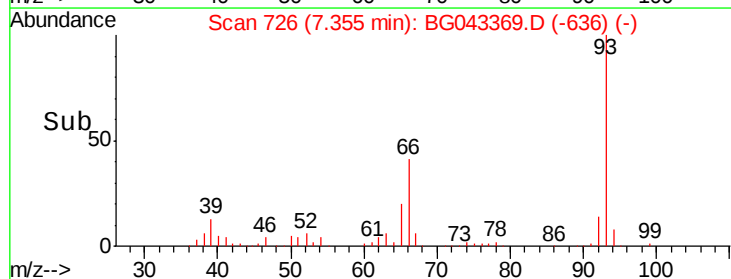
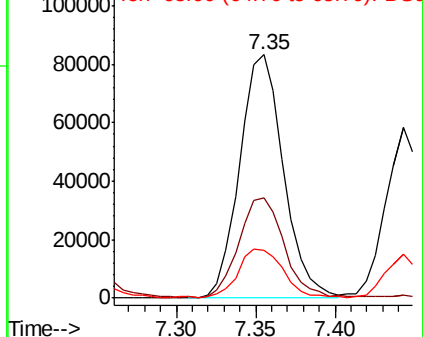
93 100

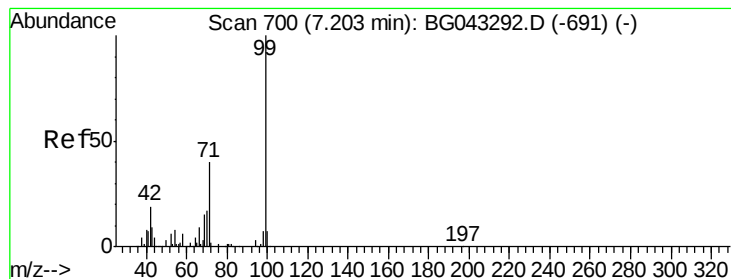
66 41.1 34.5 51.7

65 19.7 18.0 27.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 88.340 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

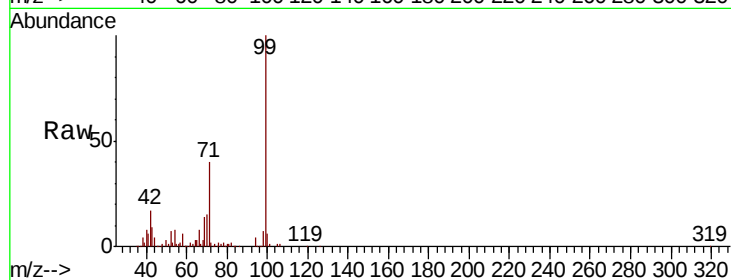
Tot Ion: 99 Resp: 288582

Ion Ratio Lower Upper

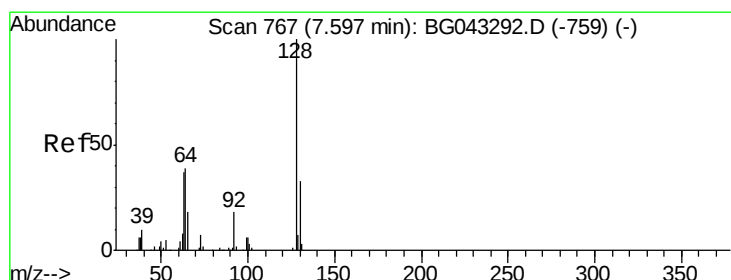
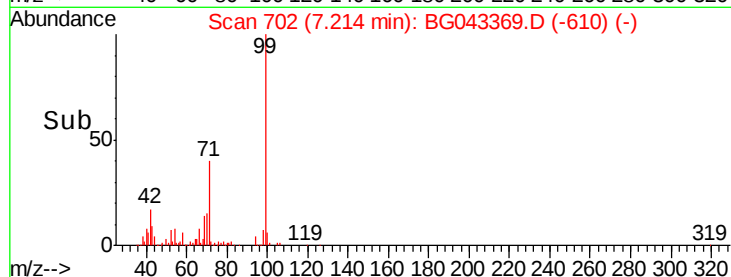
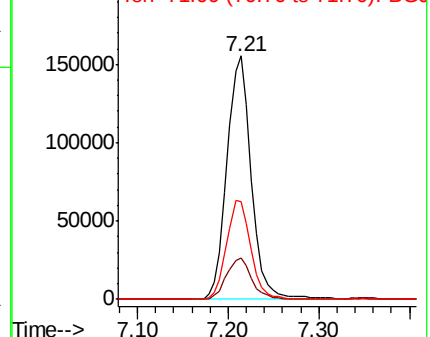
99 100

42 17.0 14.9 22.3

71 40.0 32.2 48.2



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



#8

2-Chlorophenol

Concen: 42.327 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

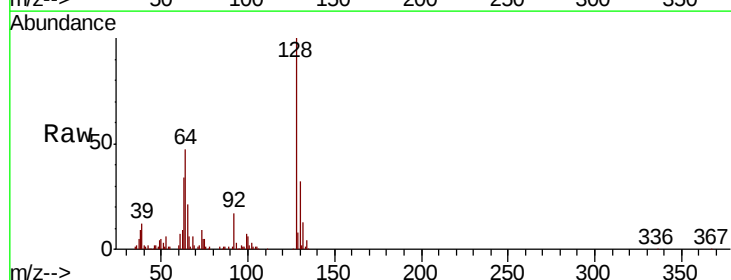
Tgt Ion:128 Resp: 106089

Ion Ratio Lower Upper

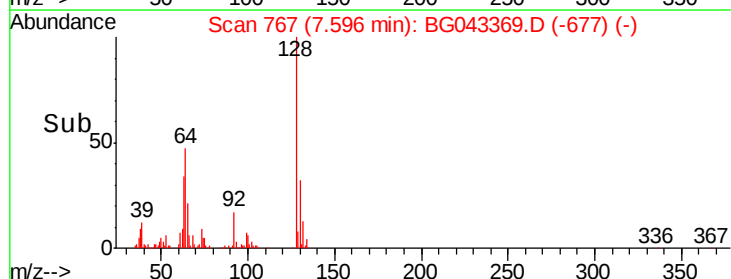
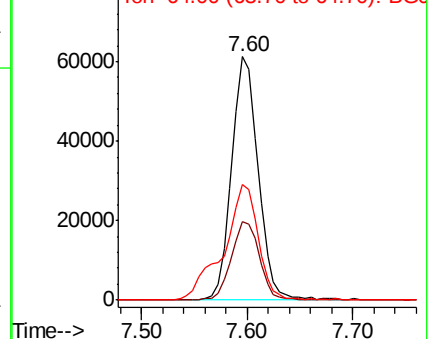
128 100

130 32.5 12.9 52.9

64 47.4 24.9 64.9



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





#9

Benzaldehyde

Concen: 46.696 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampled :

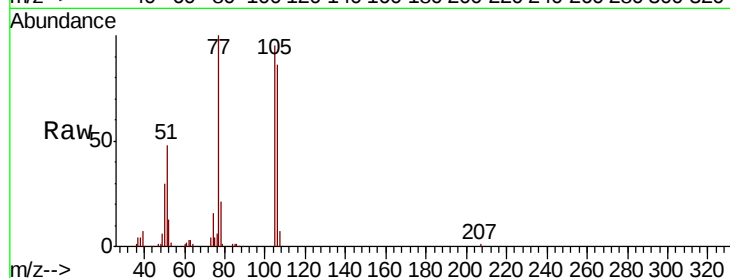
Tot Ion: 77 Resp: 74967

Ion Ratio Lower Upper

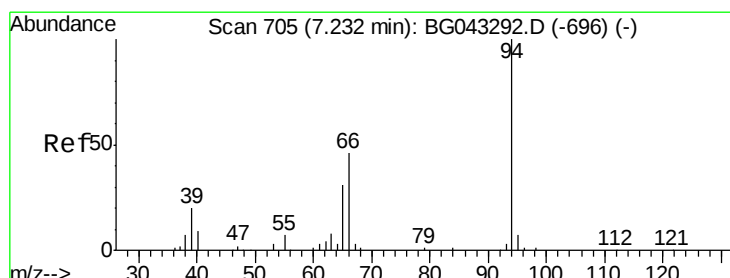
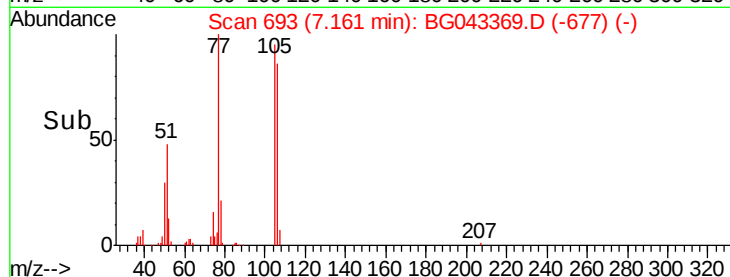
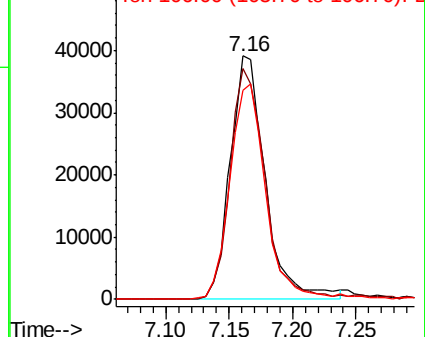
77 100

105 94.7 68.7 108.7

106 86.0 60.5 100.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.776 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

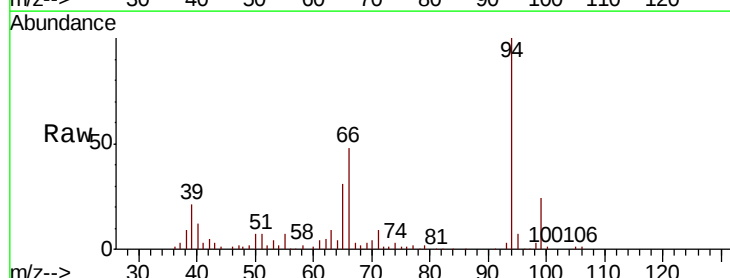
Tgt Ion: 94 Resp: 130678

Ion Ratio Lower Upper

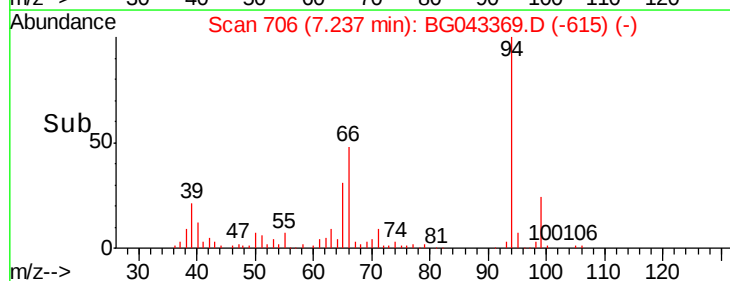
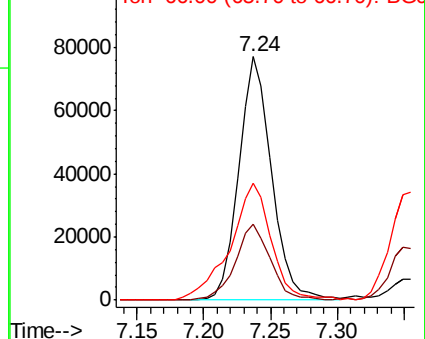
94 100

65 31.4 11.1 51.1

66 47.9 27.8 67.8



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

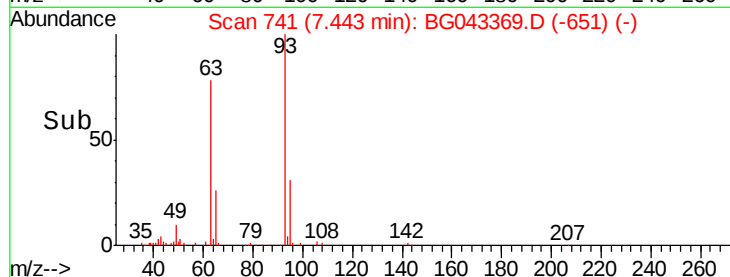
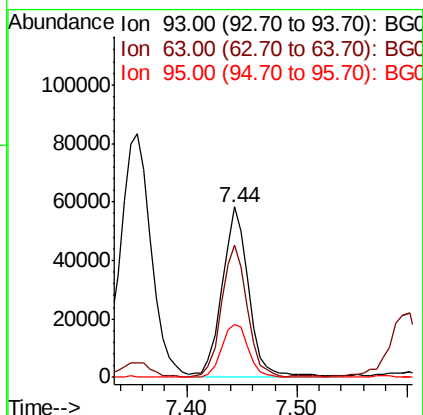
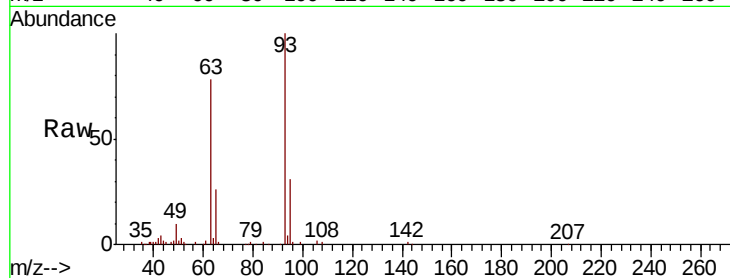




#11
 bis(2-Chloroethyl)ether
 Concen: 42.760 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

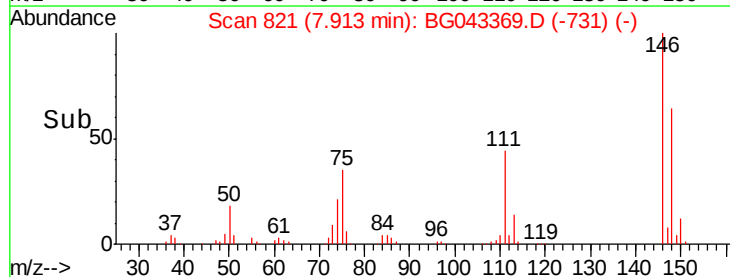
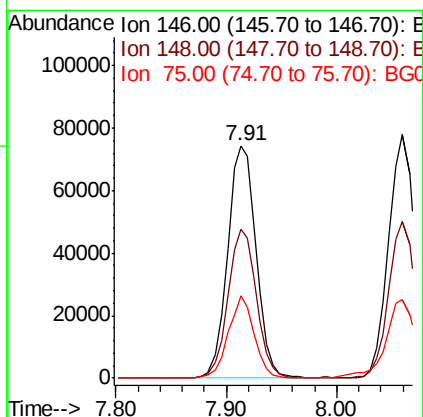
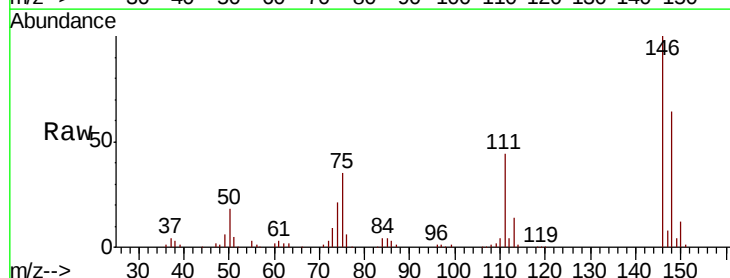
Instrument :
 BNA_G
 ClientSampled :

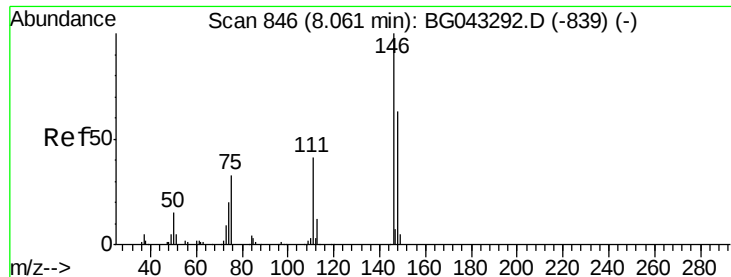
Tot Ion: 93 Resp: 98686
 Ion Ratio Lower Upper
 93 100
 63 77.5 54.6 94.6
 95 31.4 9.7 49.7



#12
 1,3-Dichlorobenzene
 Concen: 42.613 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Tgt Ion: 146 Resp: 133817
 Ion Ratio Lower Upper
 146 100
 148 64.3 53.4 80.2
 75 35.4 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 42.013 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampled :

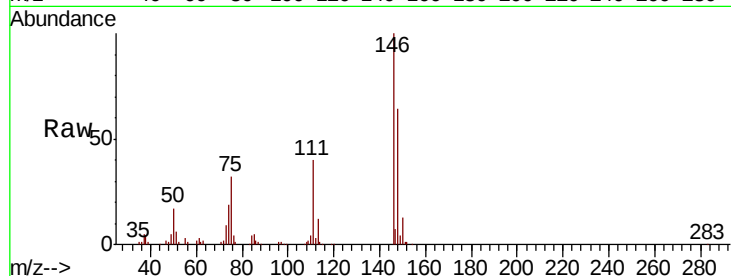
Tot Ion:146 Resp: 133484

Ion Ratio Lower Upper

146 100

148 64.1 50.7 76.1

111 40.2 33.0 49.6

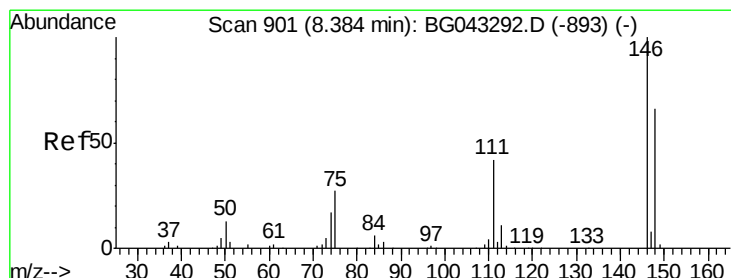
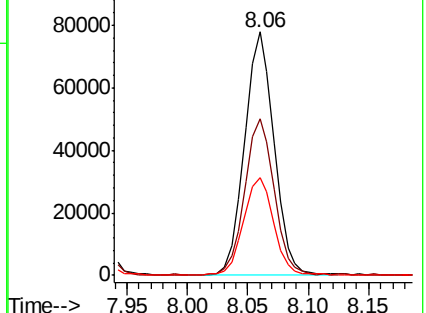
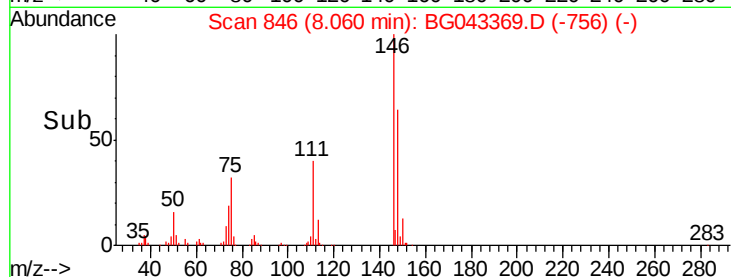


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.775 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

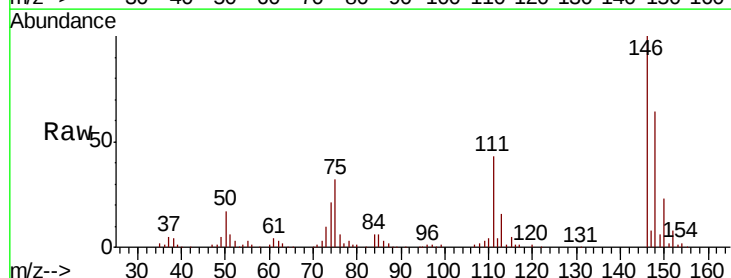
Tgt Ion:146 Resp: 129595

Ion Ratio Lower Upper

146 100

148 64.4 53.0 79.4

111 43.3 34.5 51.7

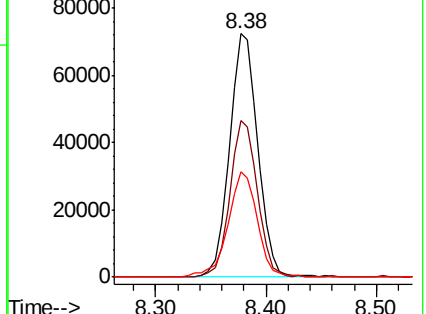
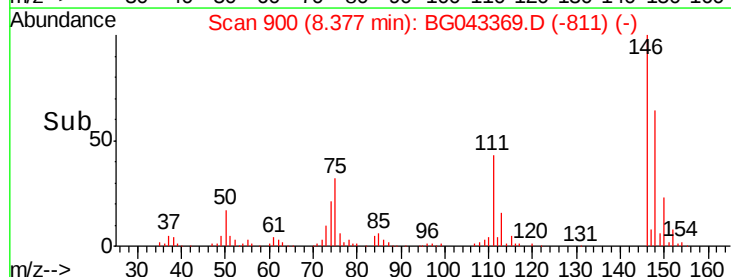


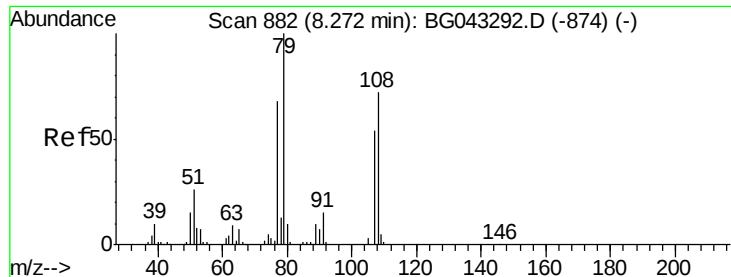
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.387 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

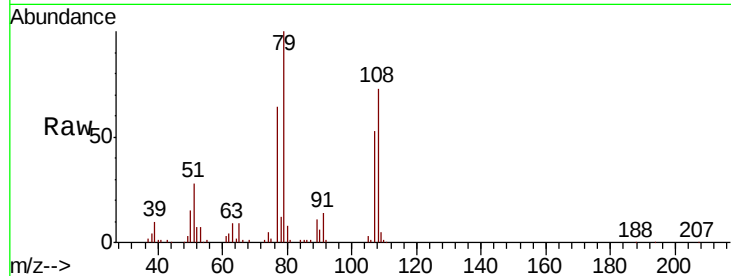
Tot Ion: 79 Resp: 97247

Ion Ratio Lower Upper

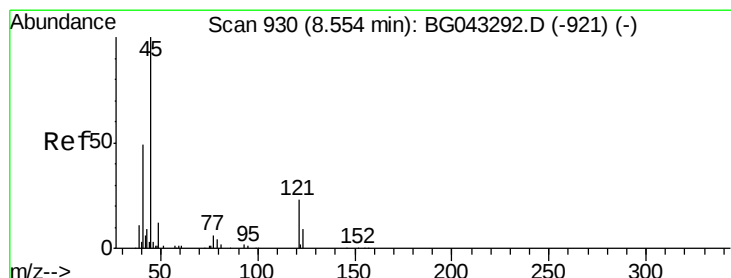
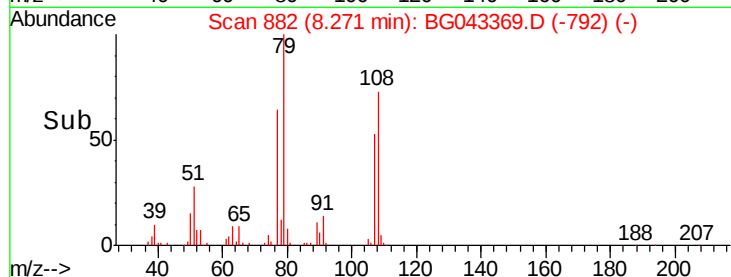
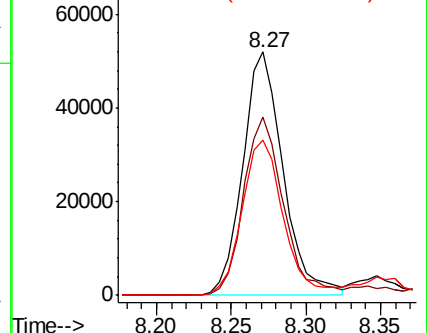
79 100

108 73.5 57.3 85.9

77 63.9 54.6 81.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.392 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

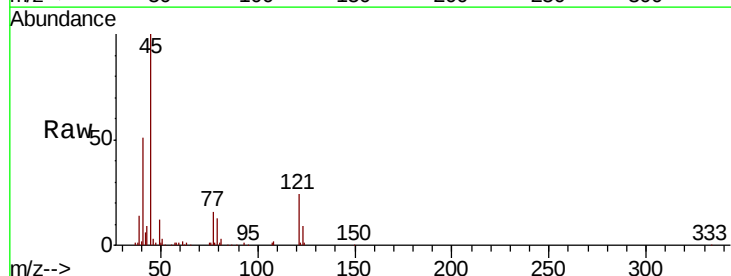
Tgt Ion: 45 Resp: 138907

Ion Ratio Lower Upper

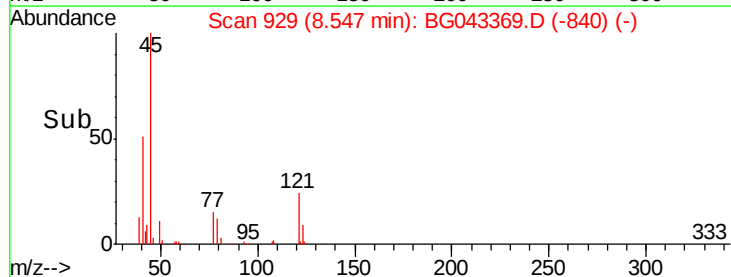
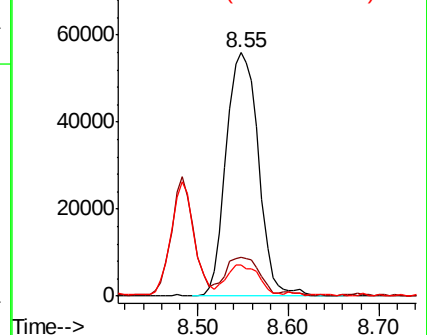
45 100

77 15.8 0.0 34.2

79 13.0 0.0 32.3



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





#17

2-Methylphenol

Concen: 43.510 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 94685

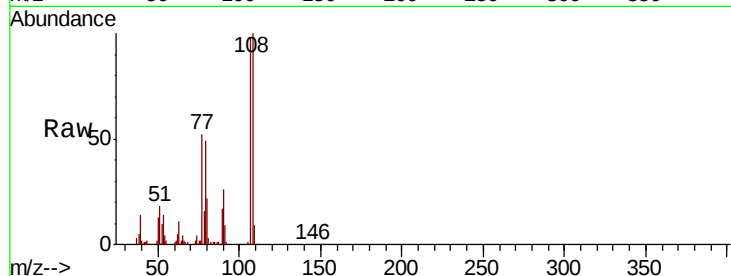
Ion Ratio Lower Upper

107 100

108 101.6 91.3 136.9

77 52.4 43.0 64.6

79 50.1 43.4 65.2

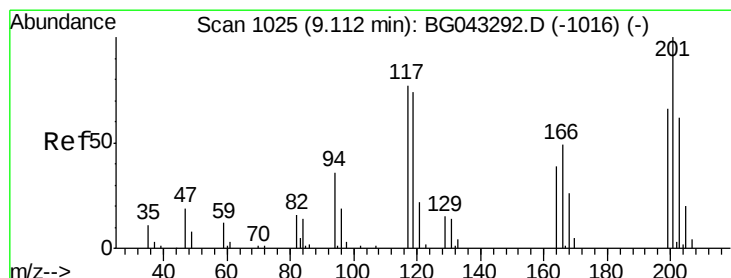
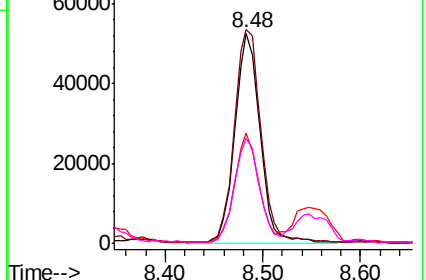
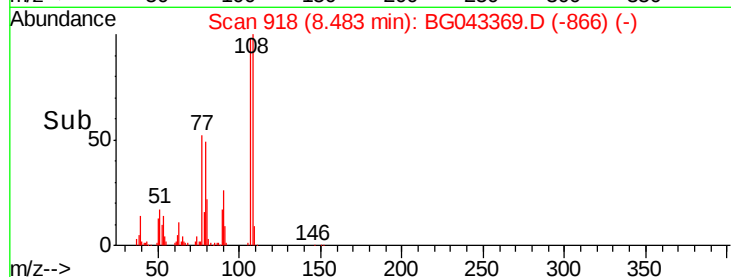


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.844 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

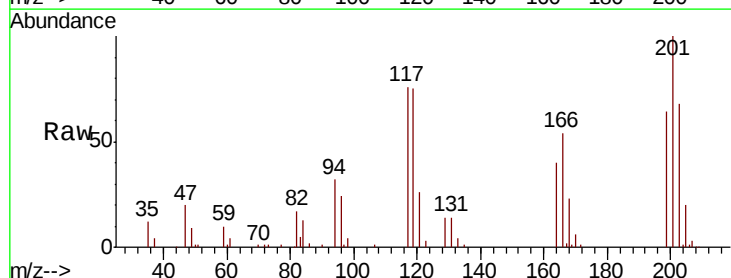
Tgt Ion:117 Resp: 47966

Ion Ratio Lower Upper

117 100

119 98.1 77.3 115.9

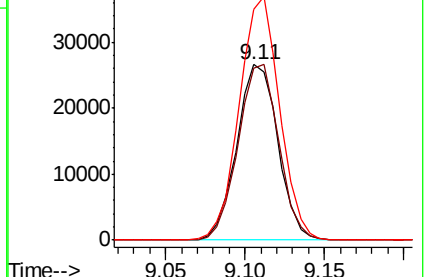
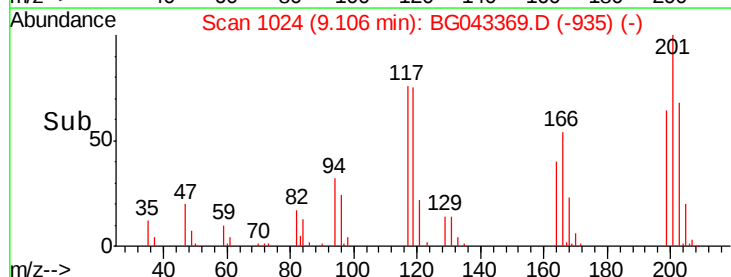
201 131.4 104.2 156.4

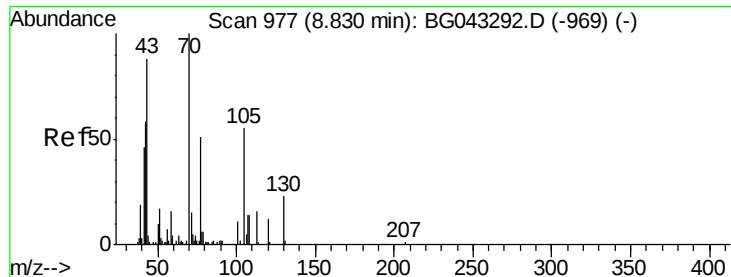


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

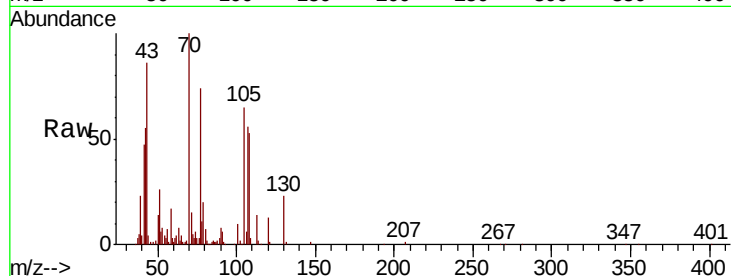




#19
n-Nitroso-di-n-propylamine
Concen: 42.331 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	89356
Ion	Ratio	Lower	Upper
70	100		
42	55.1	46.2	69.2
101	9.7	8.6	13.0
130	23.0	18.6	27.8



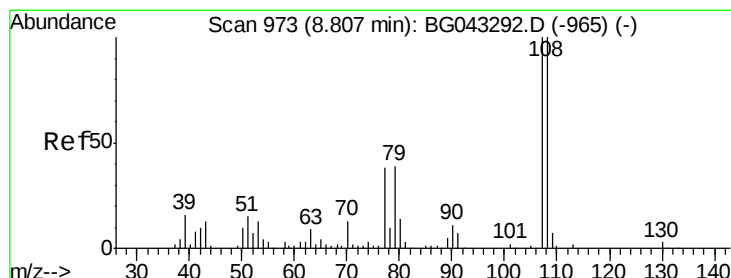
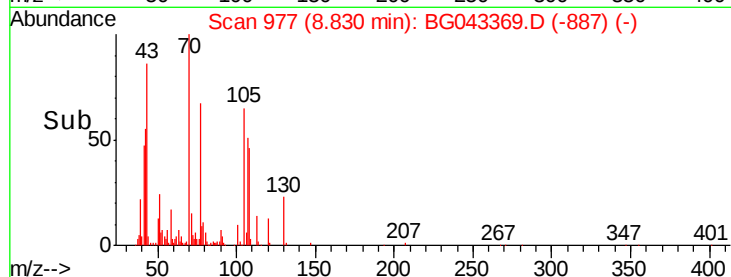
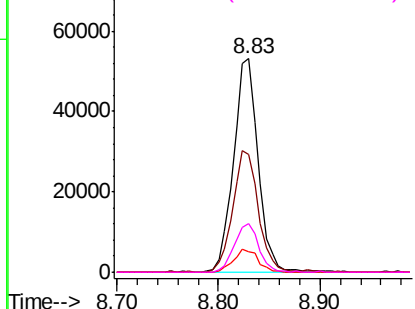
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

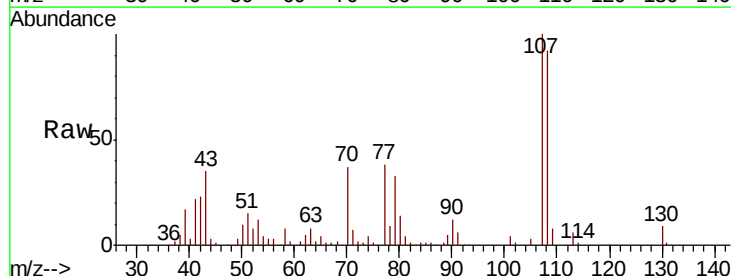
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.855 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion:	107	Resp:	127882
Ion	Ratio	Lower	Upper
107	100		
108	92.4	80.3	120.3
77	38.4	18.2	58.2
79	33.0	18.8	58.8



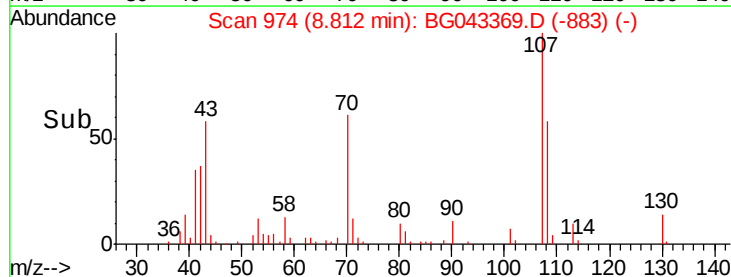
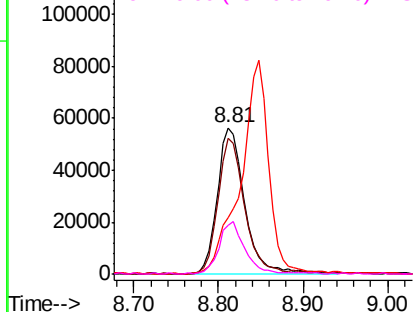
Abundance

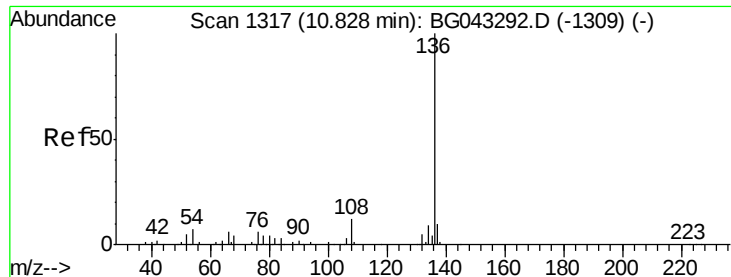
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 173906

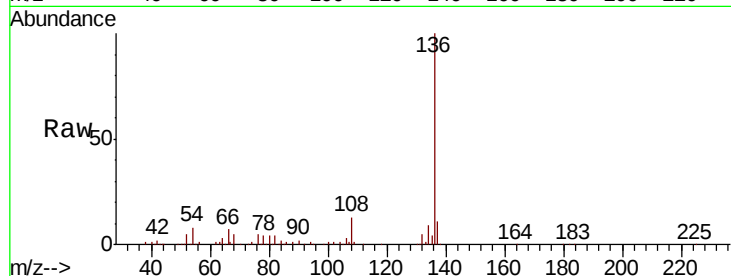
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.2

54 7.9 5.4 8.2

68 4.6 3.3 4.9

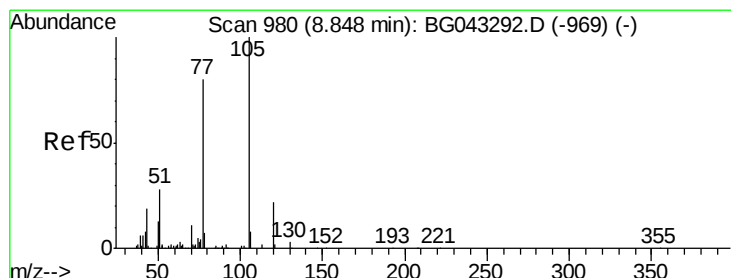
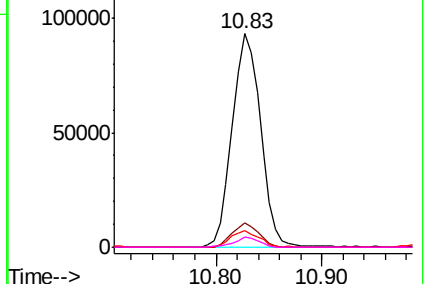
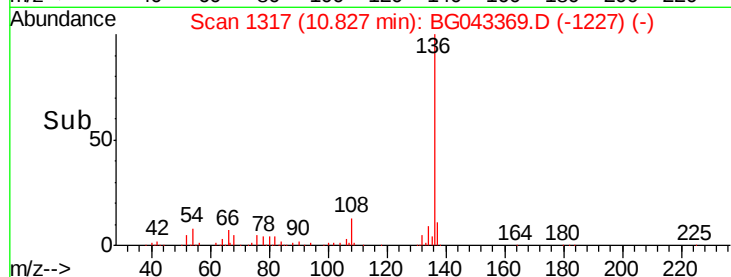


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.252 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Tgt Ion:105 Resp: 183718

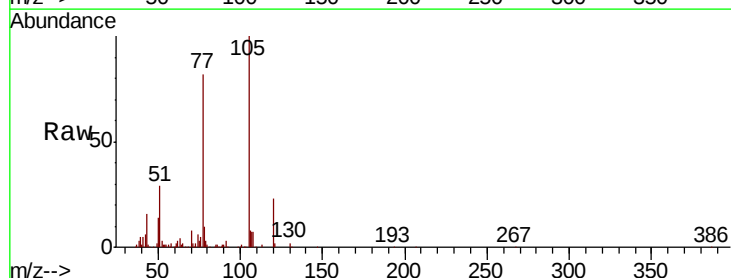
Ion Ratio Lower Upper

105 100

71 1.5 1.5 2.3

51 28.5 23.9 35.9

120 22.5 17.3 25.9

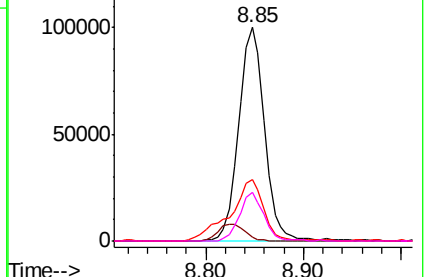
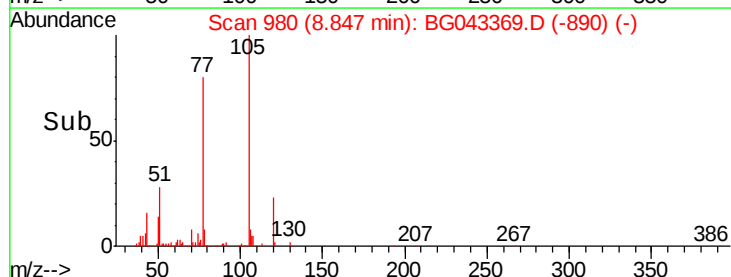


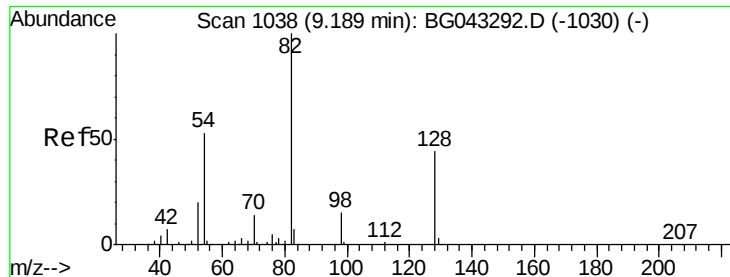
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

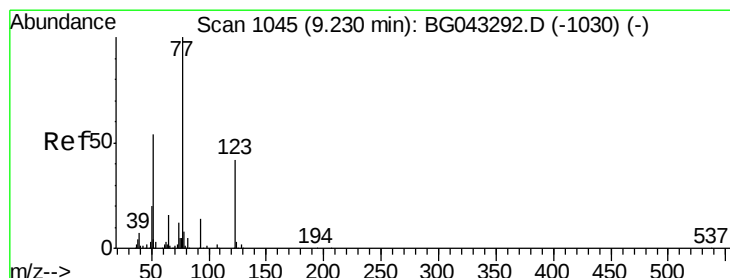
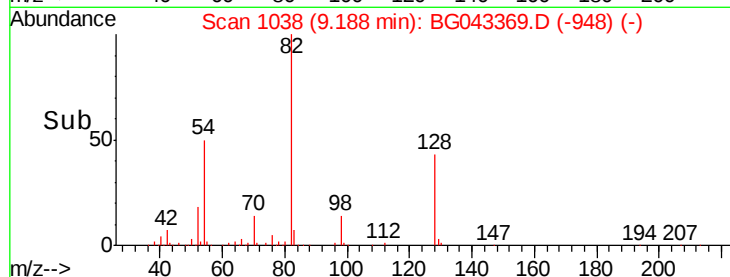
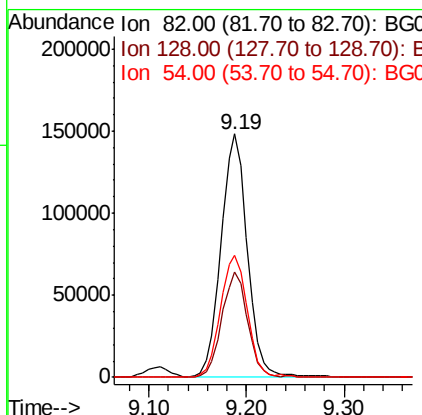
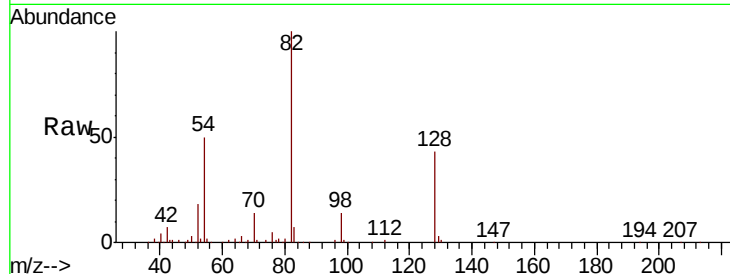




#23
 Nitrobenzene-d5
 Concen: 81.646 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

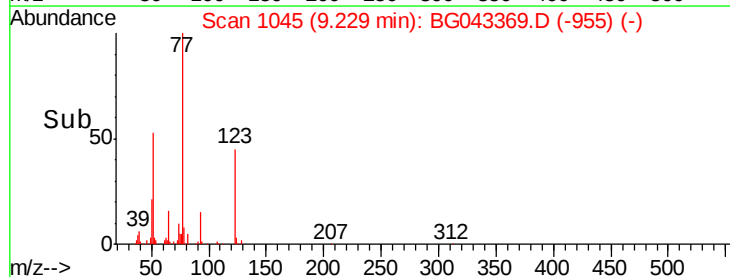
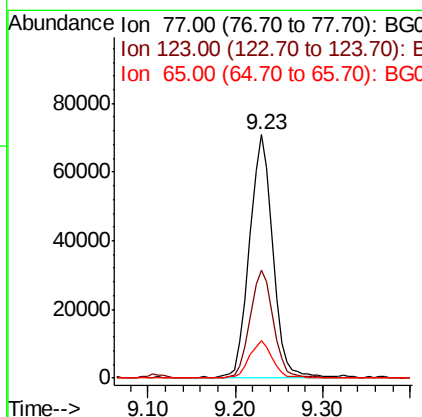
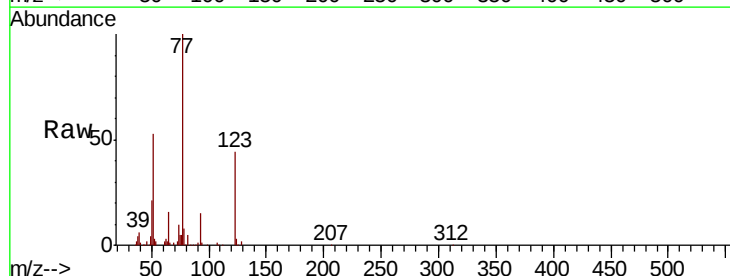
Instrument :
 BNA_G
 ClientSampleId :

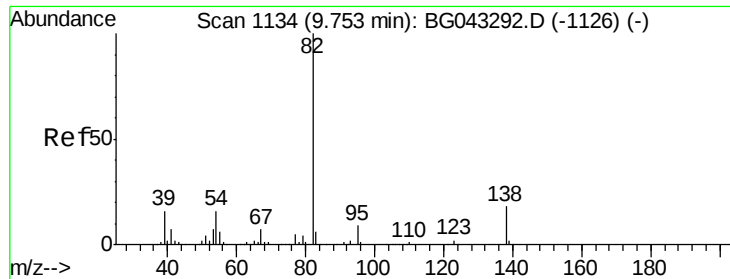
Tot Ion	82	Resp	275412
Ion Ratio	Lower	Upper	
82	100		
128	43.5	35.3	52.9
54	49.9	42.3	63.5



#24
 Nitrobenzene
 Concen: 39.975 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Tgt Ion	77	Resp	128454
Ion Ratio	Lower	Upper	
77	100		
123	44.3	33.8	50.8
65	15.6	13.0	19.4





#25

Isophorone

Concen: 39.668 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

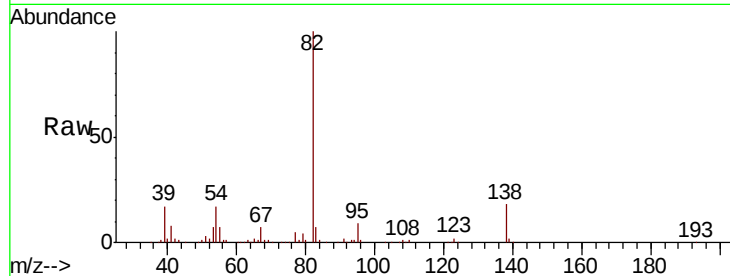
Tot Ion: 82 Resp: 244644

Ion Ratio Lower Upper

82 100

95 9.2 6.9 10.3

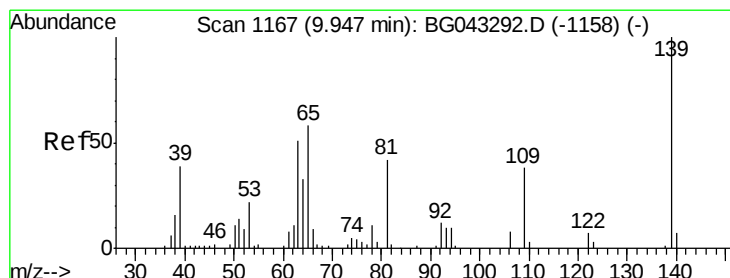
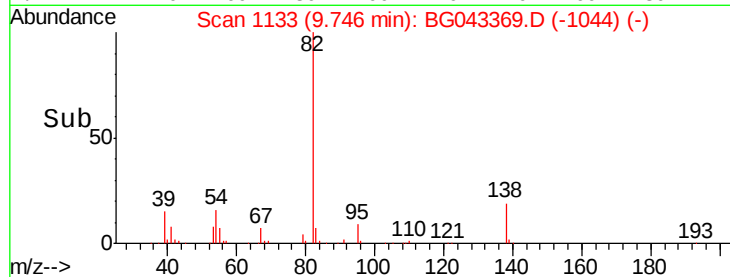
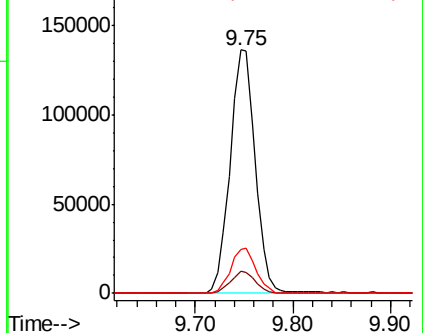
138 18.1 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 41.824 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

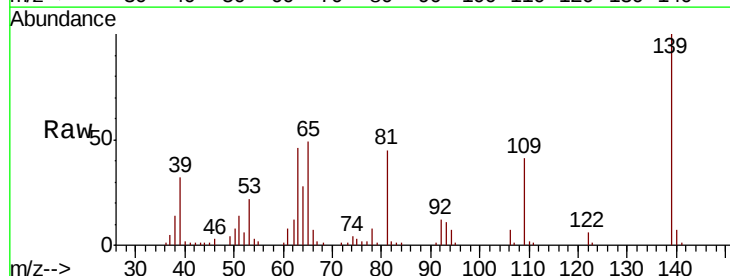
Tgt Ion: 139 Resp: 64884

Ion Ratio Lower Upper

139 100

109 40.8 30.1 45.1

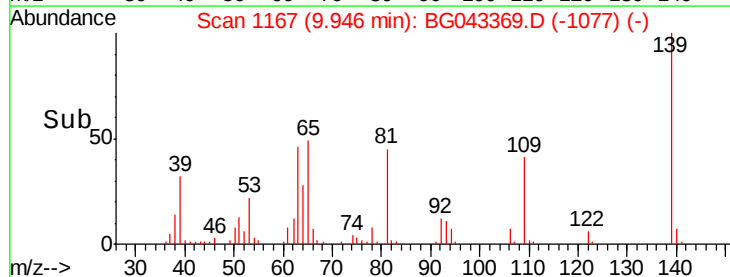
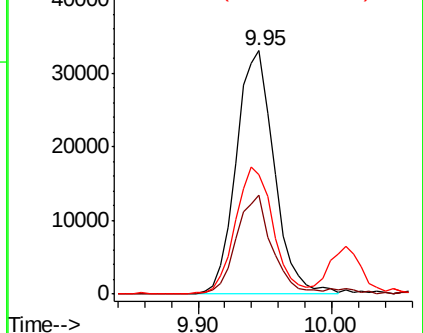
65 49.2 46.1 69.1

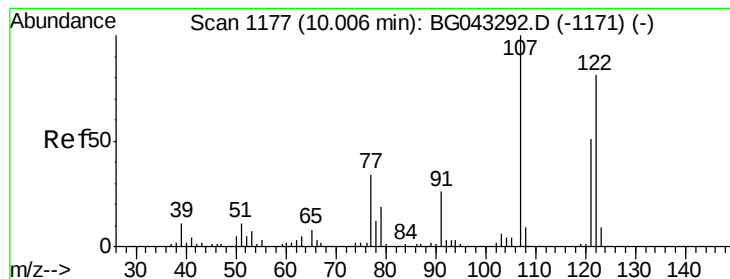


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 41.762 ng

RT: 10.01 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

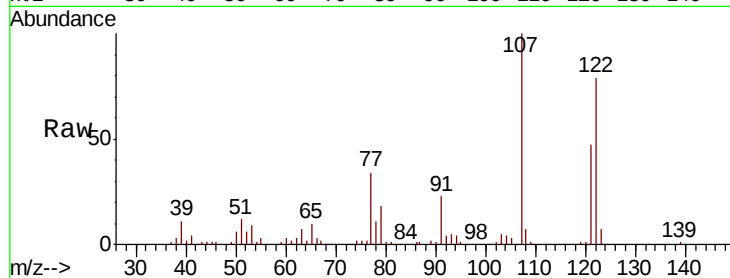
Tot Ion:122 Resp: 92859

Ion Ratio Lower Upper

122 100

107 126.4 98.6 147.8

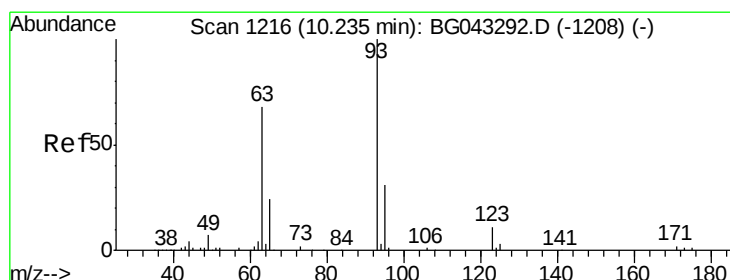
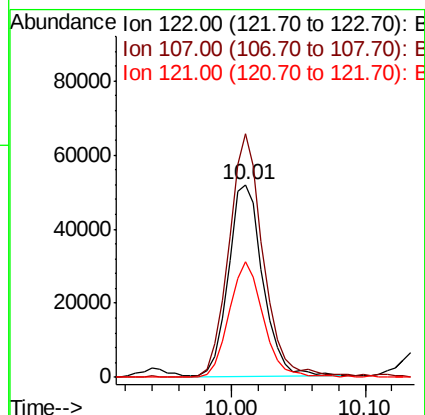
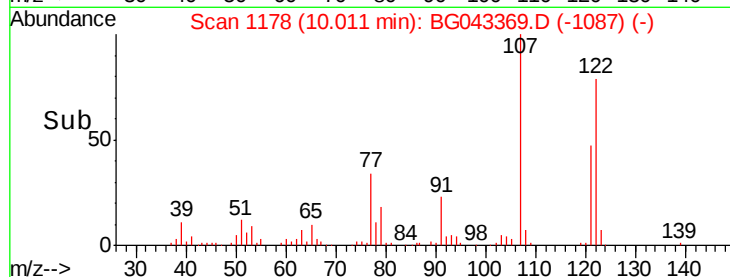
121 59.9 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.633 ng

RT: 10.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

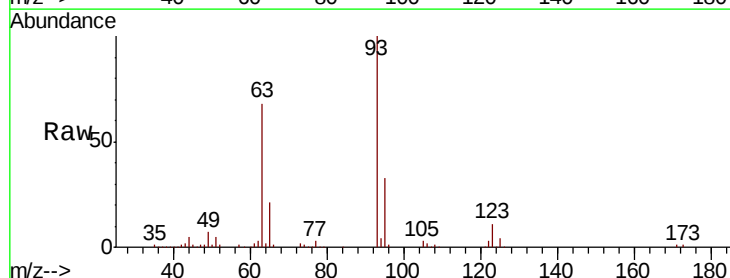
Tgt Ion: 93 Resp: 138306

Ion Ratio Lower Upper

93 100

95 32.7 24.9 37.3

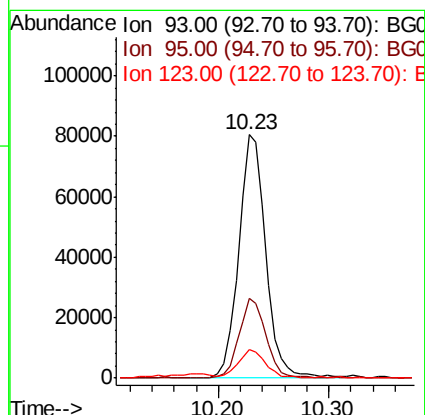
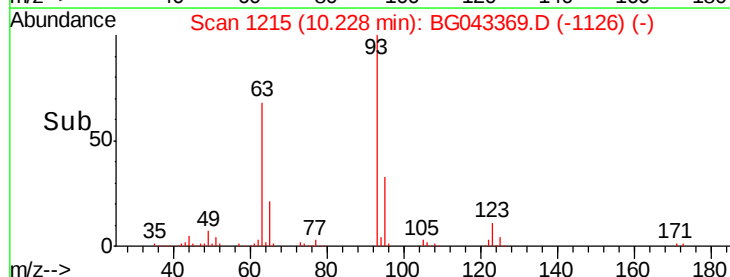
123 11.5 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

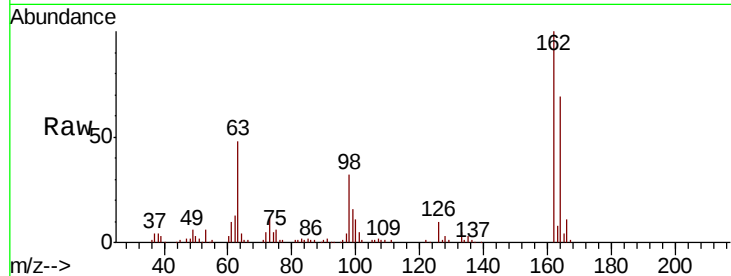




#29
2,4-Dichlorophenol
Concen: 43.029 ng
RT: 10.49 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.7	37.3	77.3
98	31.7	11.8	51.8

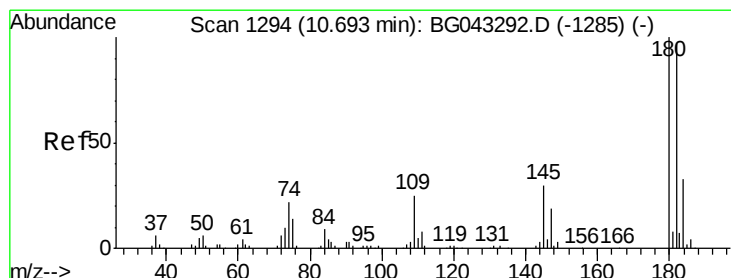
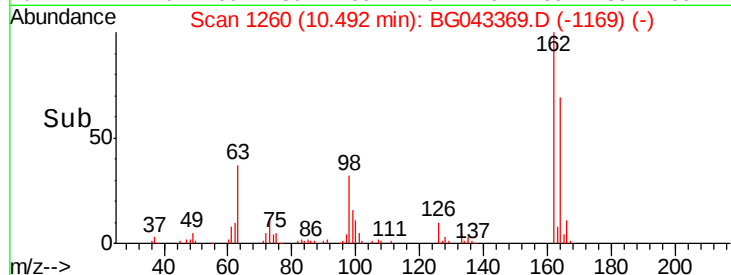
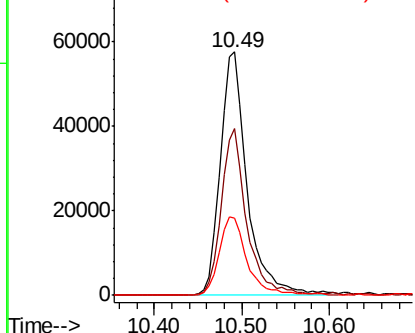


Abundance

Ion 162.00 (161.70 to 162.70): E

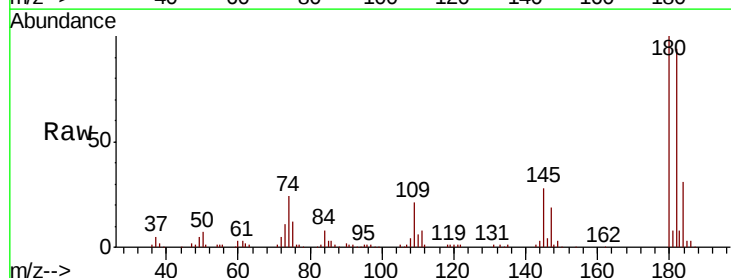
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.731 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.8	116.8
145	28.5	23.6	35.4

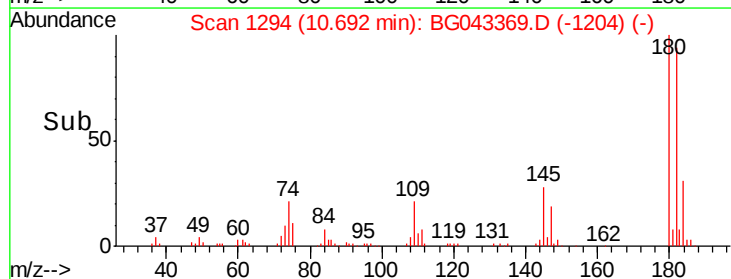
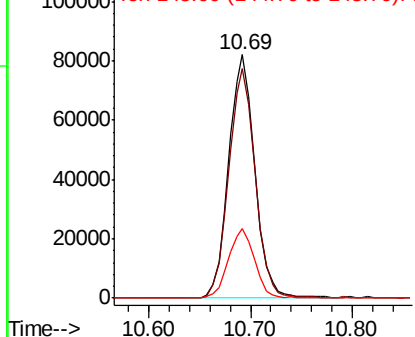


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

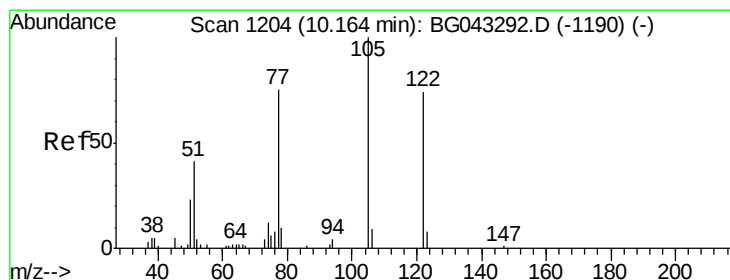
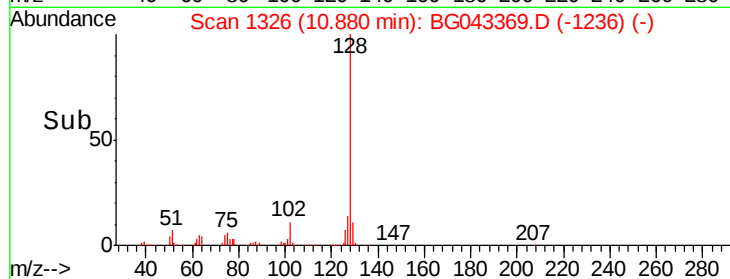
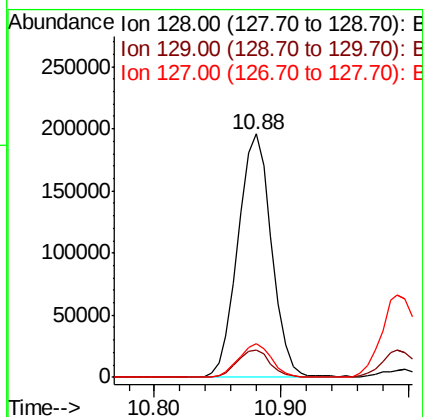
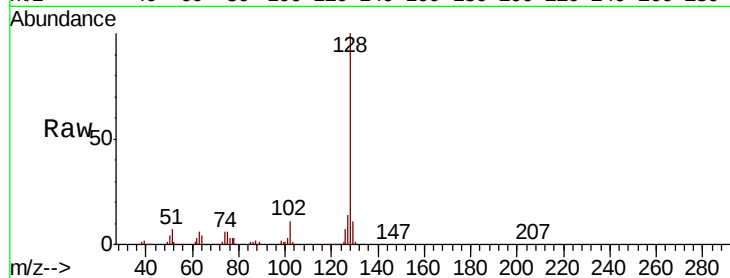




#31
Naphthalene
Concen: 40.854 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

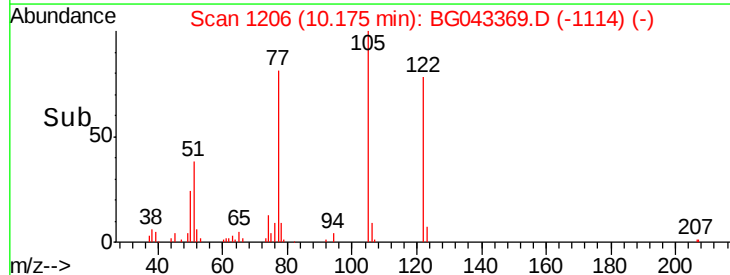
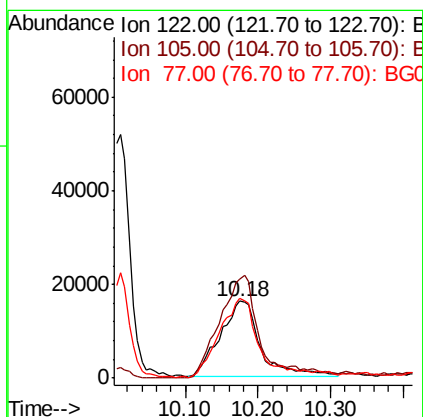
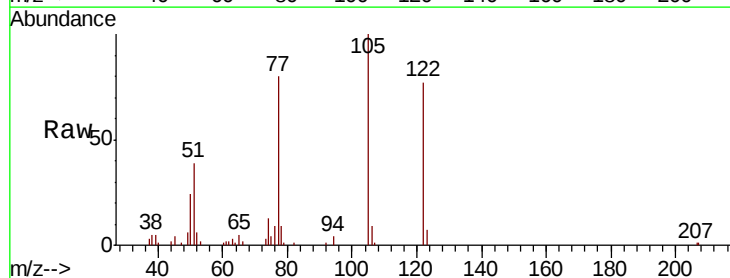
Instrument :
BNA_G
ClientSampled :

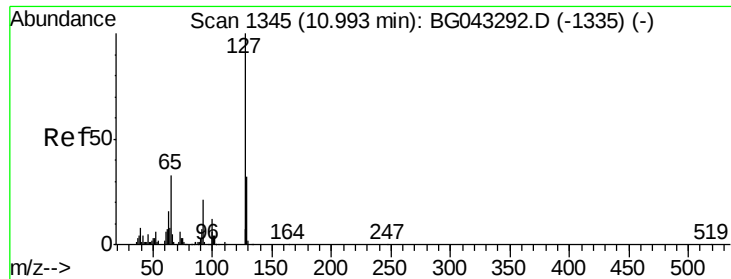
Tot Ion:128 Resp: 360635
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.9 11.5 17.3



#32
Benzoic acid
Concen: 38.428 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion:122 Resp: 61468
Ion Ratio Lower Upper
122 100
105 129.4 112.4 152.4
77 103.6 82.7 122.7

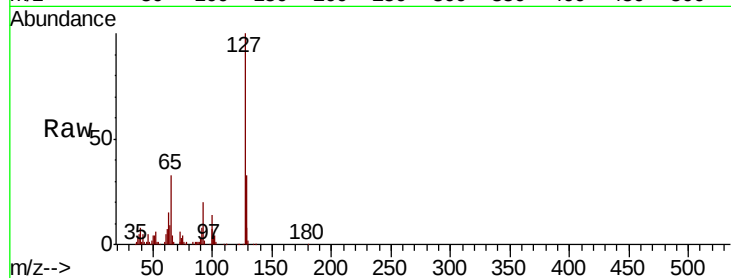




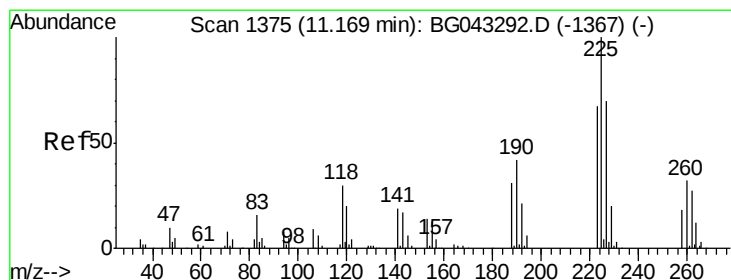
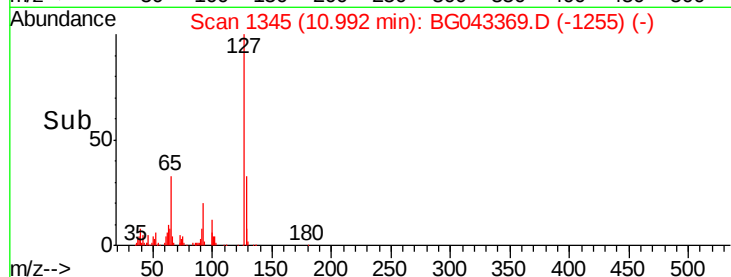
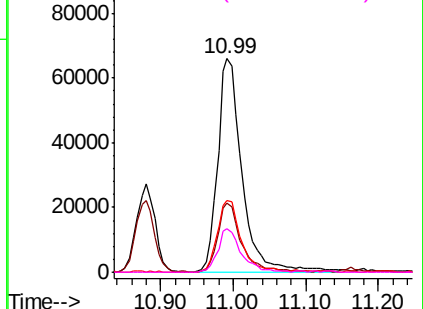
#33
4-Chloroaniline
Concen: 42.140 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	152480
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	33.4	26.2	39.2
92	20.2	17.0	25.4

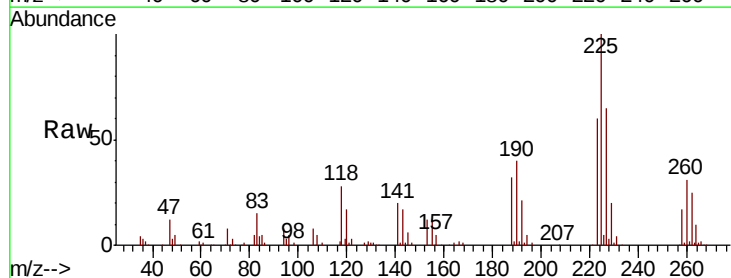


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

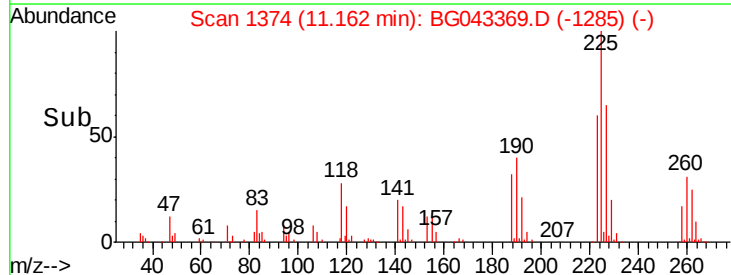
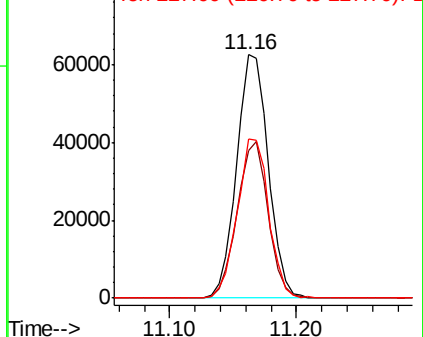


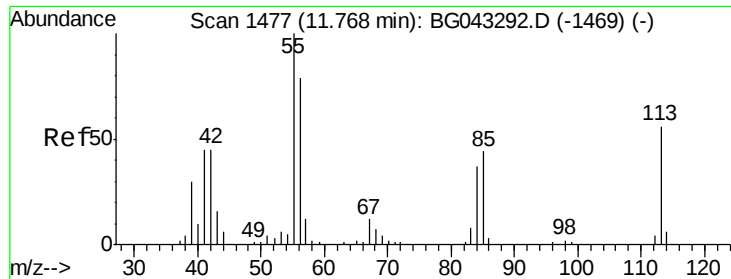
#34
Hexachlorobutadiene
Concen: 40.731 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion:	225	Resp:	108115
Ion	Ratio	Lower	Upper
225	100		
223	60.4	53.2	79.8
227	65.1	56.2	84.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

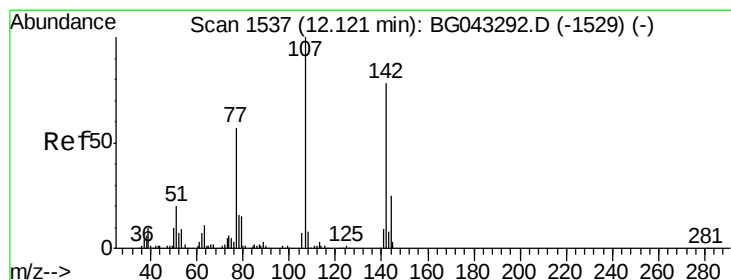
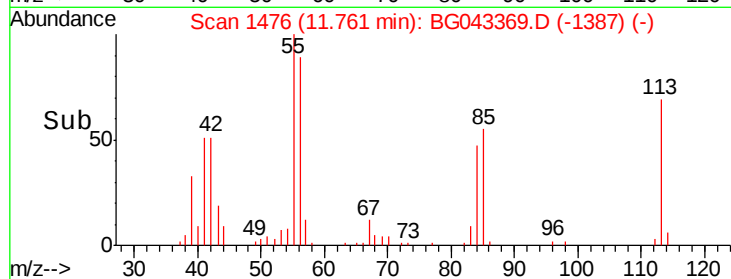
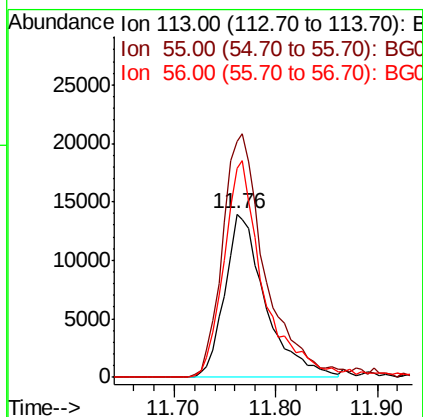
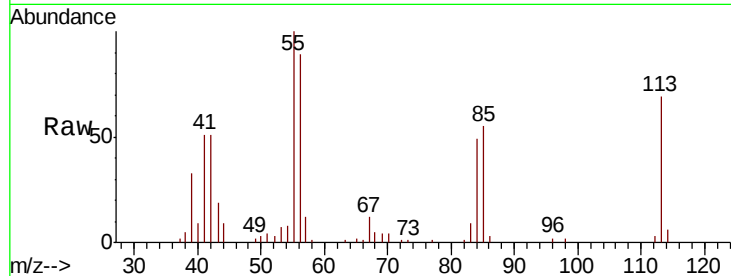




#35
 Caprolactam
 Concen: 39.531 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

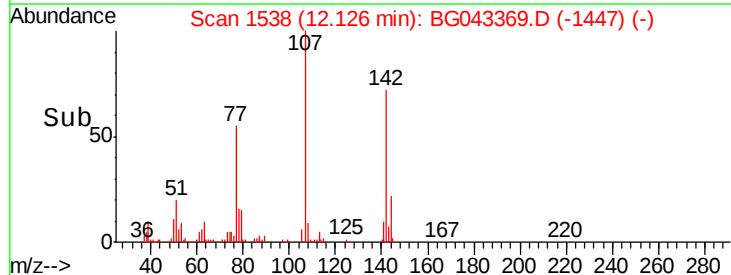
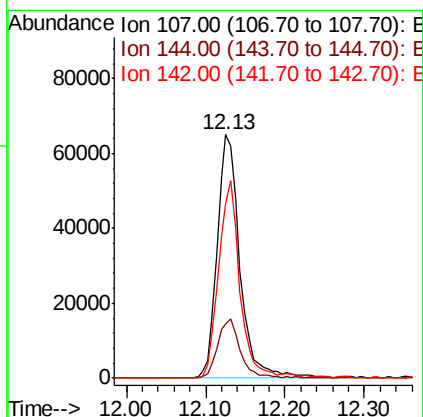
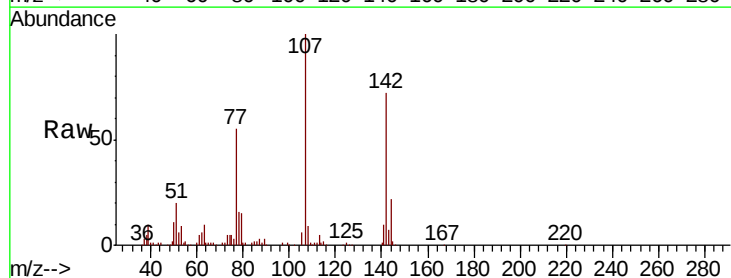
Instrument :
 BNA_G
 ClientSampled :

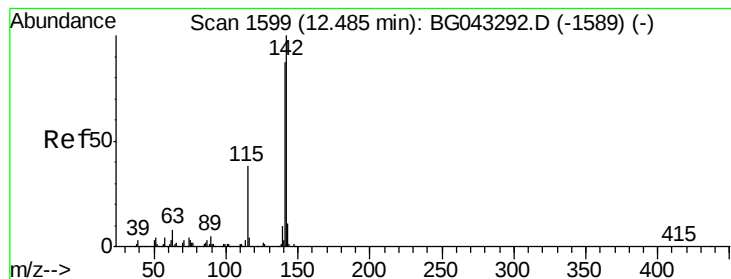
Tot Ion:113 Resp: 38788
 Ion Ratio Lower Upper
 113 100
 55 144.7 158.9 198.9#
 56 128.2 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.583 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Tgt Ion:107 Resp: 129224
 Ion Ratio Lower Upper
 107 100
 144 22.3 19.9 29.9
 142 71.7 62.1 93.1





#37

2-Methylnaphthalene

Concen: 40.456 ng

RT: 12.48 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

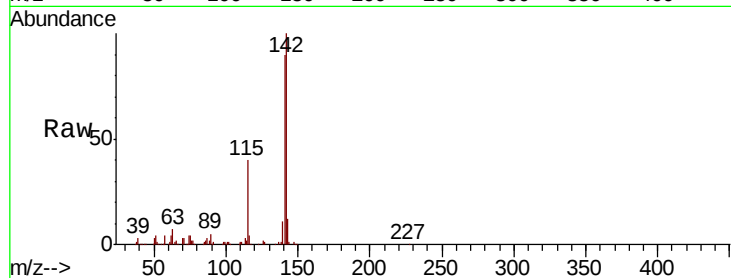
Tot Ion:142 Resp: 274015

Ion Ratio Lower Upper

142 100

141 90.2 69.7 104.5

115 39.9 30.6 46.0

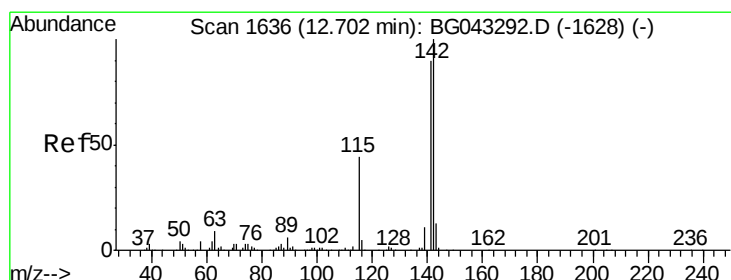
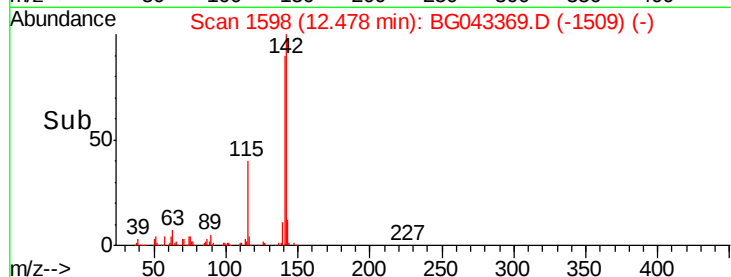
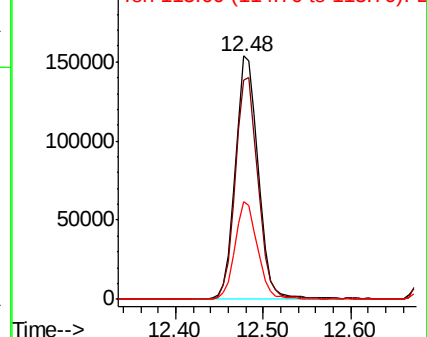


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.945 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

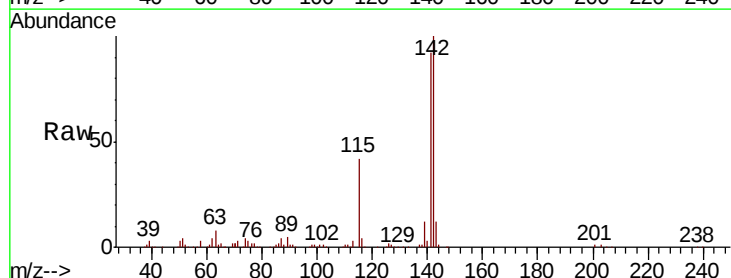
Tgt Ion:142 Resp: 263867

Ion Ratio Lower Upper

142 100

141 92.0 72.3 108.5

116 4.3 3.8 5.6

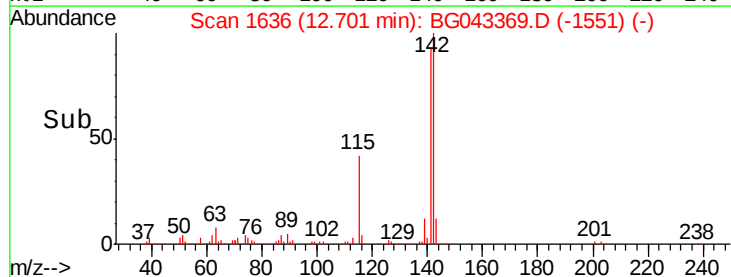
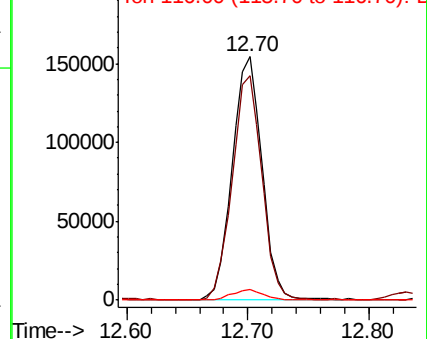


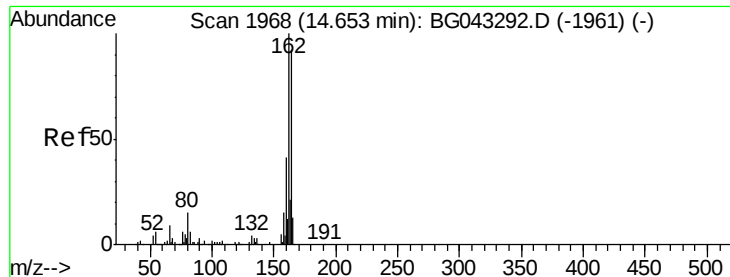
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampled :

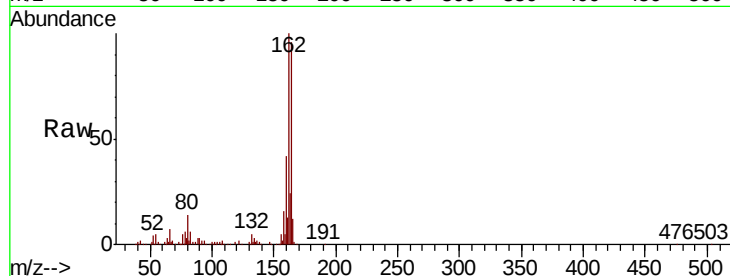
Tot Ion:164 Resp: 125617

Ion Ratio Lower Upper

164 100

162 104.0 87.0 130.4

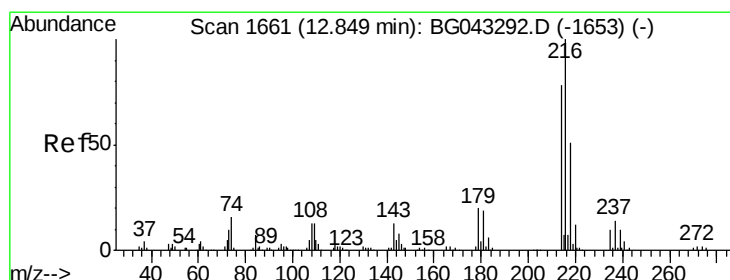
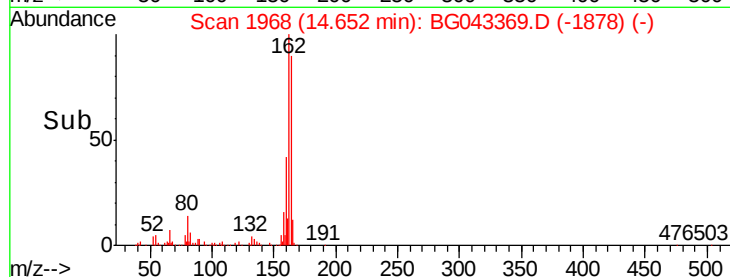
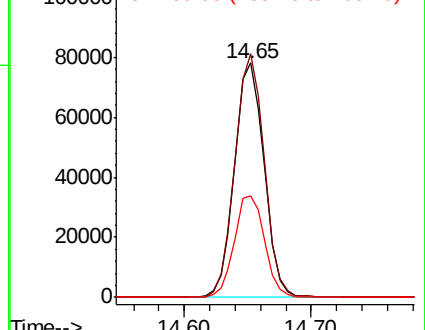
160 43.3 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.426 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Tgt Ion:216 Resp: 197234

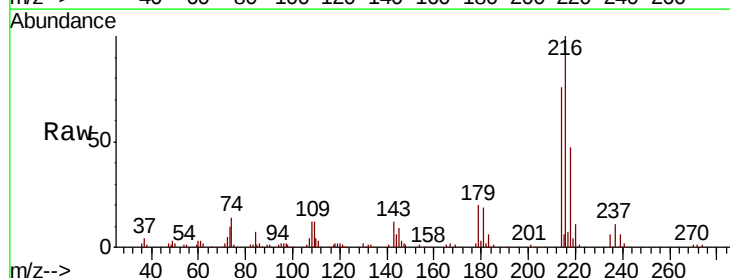
Ion Ratio Lower Upper

216 100

214 76.2 63.5 95.3

179 19.2 16.2 24.2

108 14.1 11.2 16.8

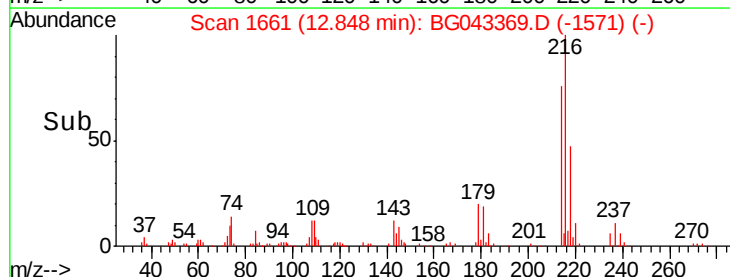
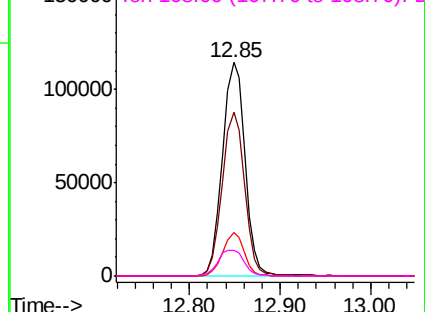


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

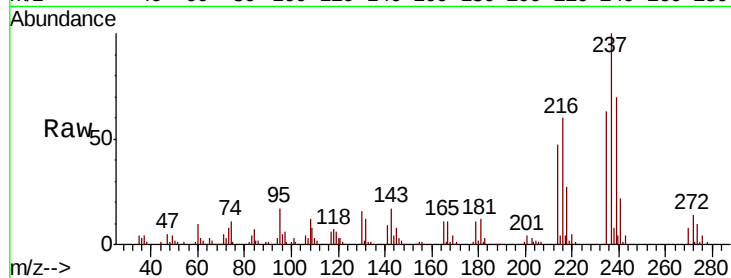




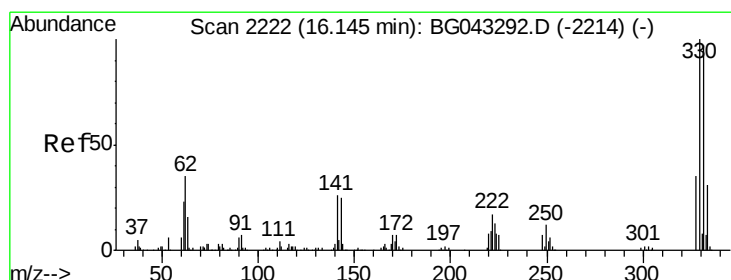
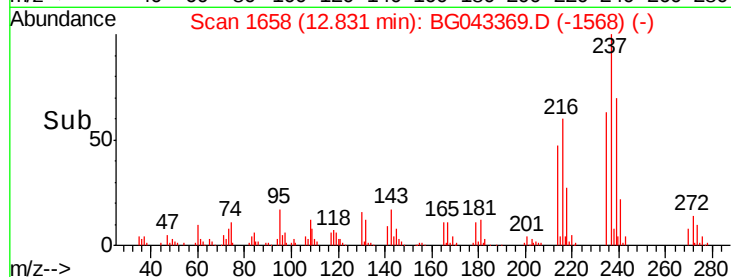
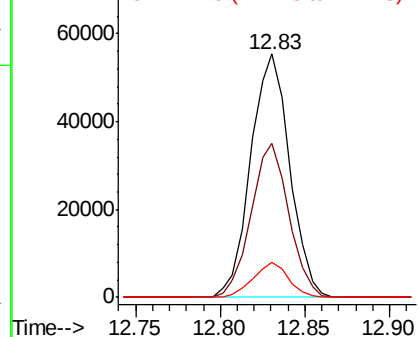
#41
Hexachlorocyclopentadiene
Concen: 36.192 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 88385
Ion Ratio Lower Upper
237 100
235 63.4 40.3 80.3
272 14.2 0.0 32.9

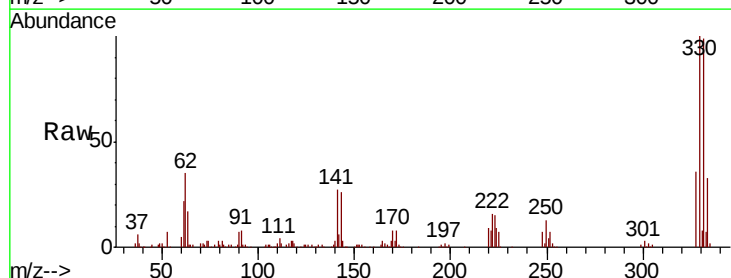


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

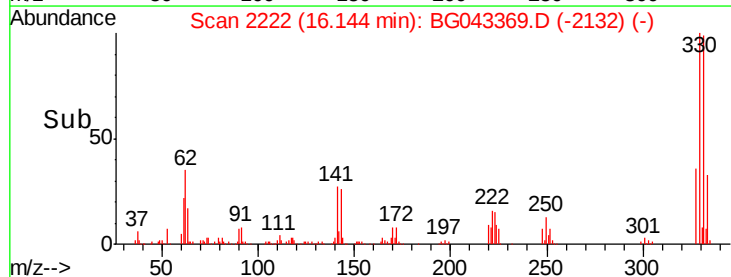
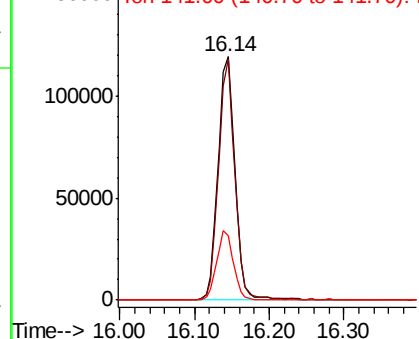


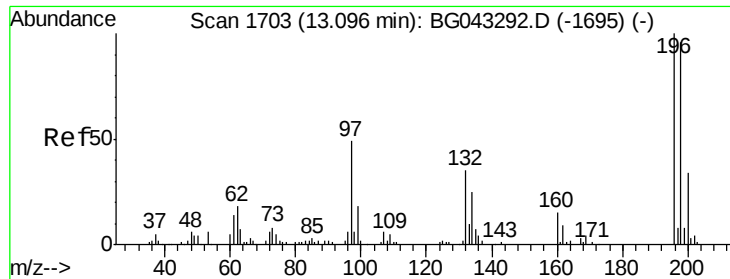
#42
2,4,6-Tribromophenol
Concen: 78.891 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion:330 Resp: 188589
Ion Ratio Lower Upper
330 100
332 94.5 76.4 114.6
141 27.9 21.4 32.0



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

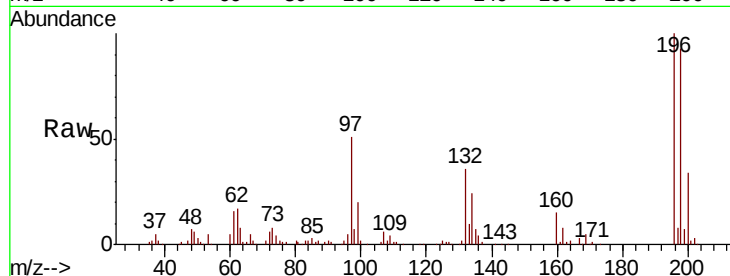




#43
 2,4,6-Trichlorophenol
 Concen: 42.103 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	77.0	115.4
200	34.4	27.4	41.2

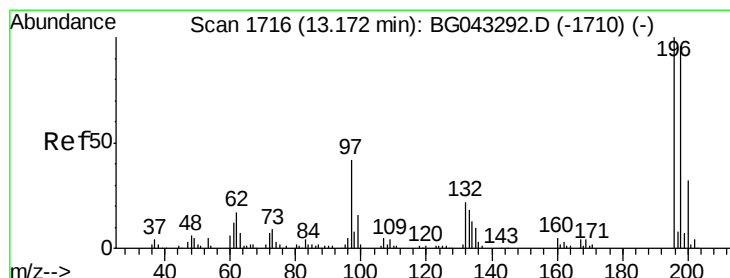
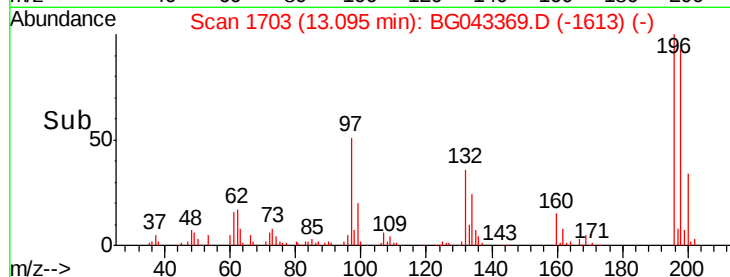
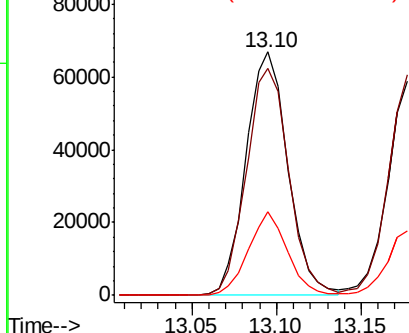


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.653 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.9	76.6	114.8
97	45.5	34.1	51.1
132	24.0	18.2	27.4

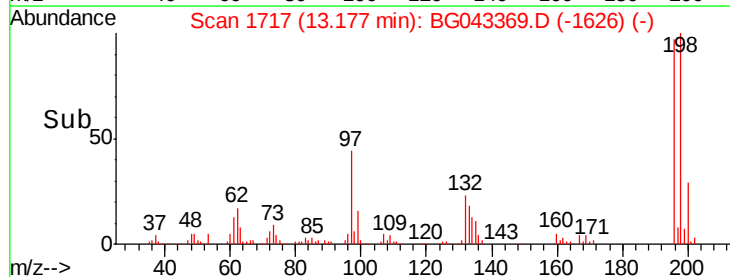
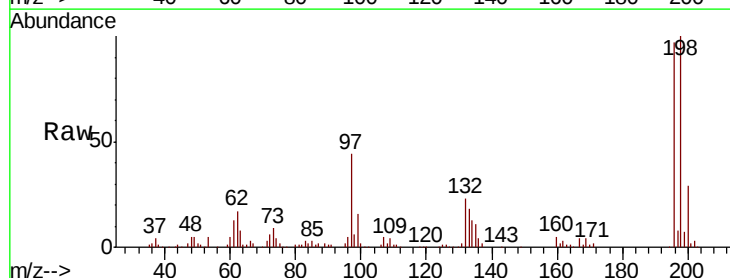
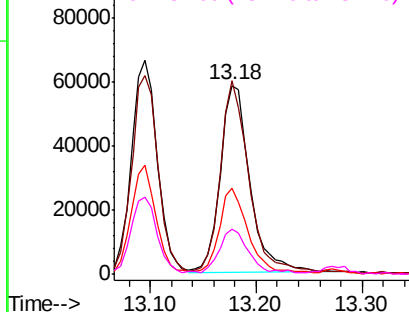
Abundance

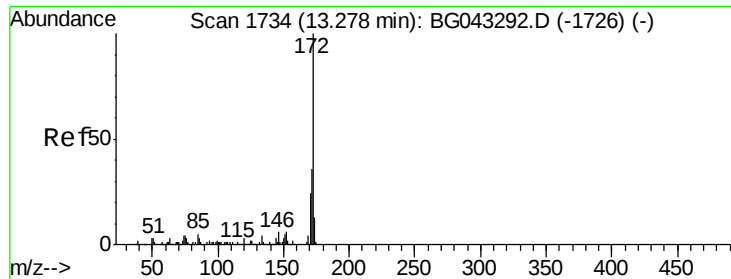
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

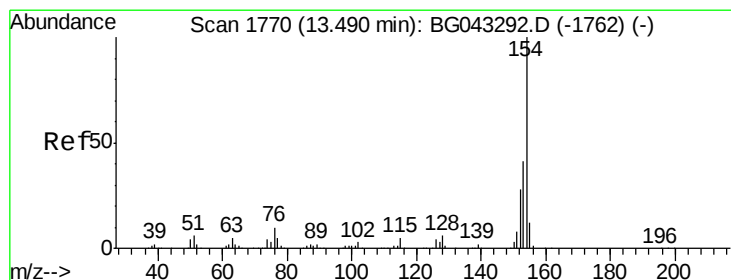
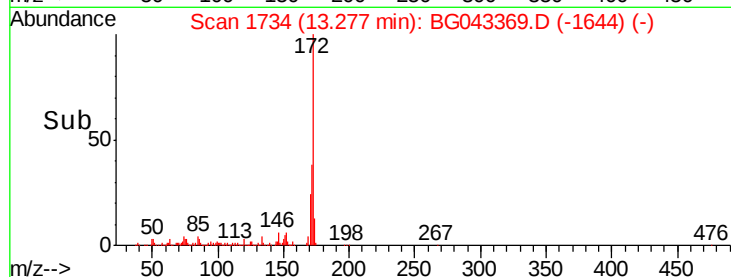
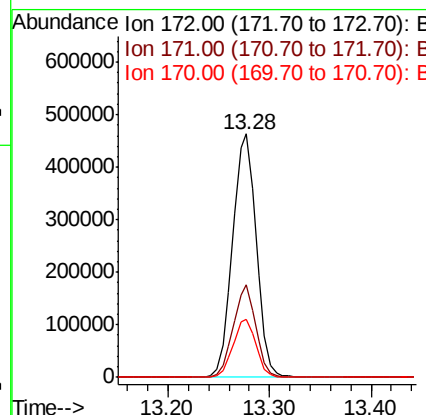
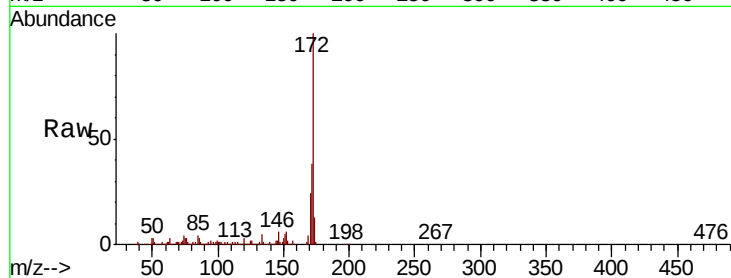




#45
2-Fluorobiphenyl
Concen: 82.716 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

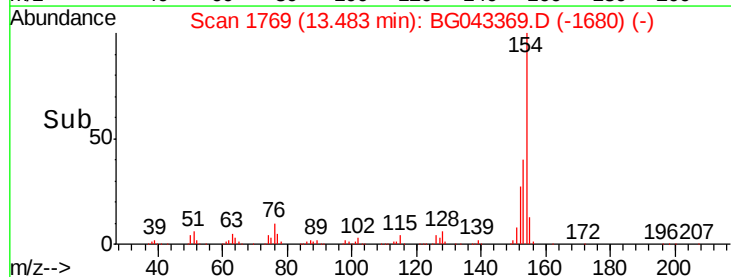
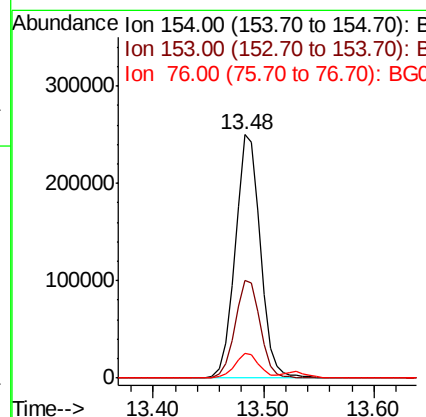
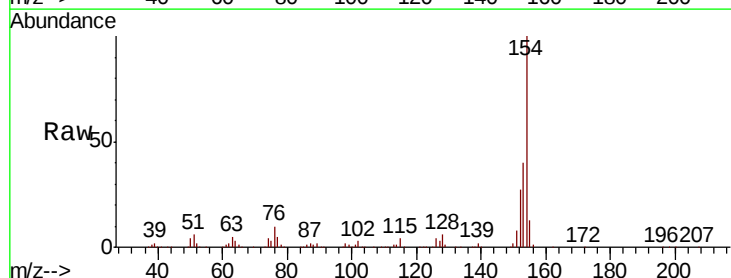
Instrument :
BNA_G
ClientSampleId :

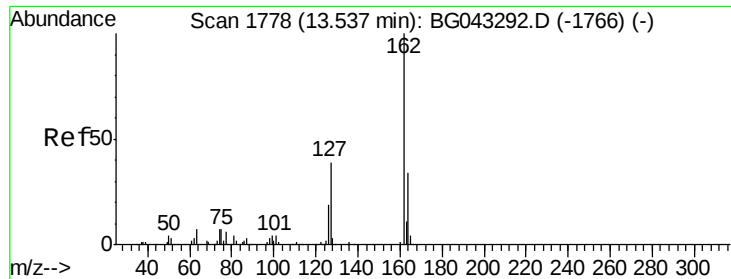
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.5	42.7
170	24.1	18.8	28.2



#46
1,1'-Biphenyl
Concen: 41.672 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.0	61.0
76	10.1	0.0	29.8

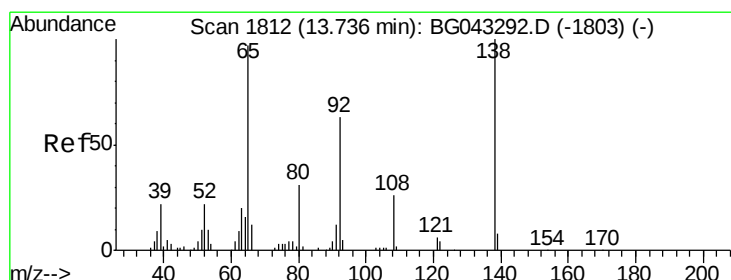
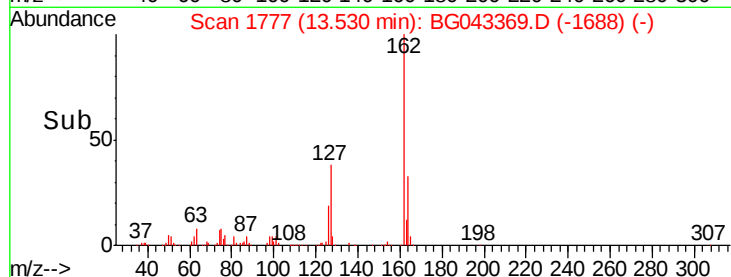
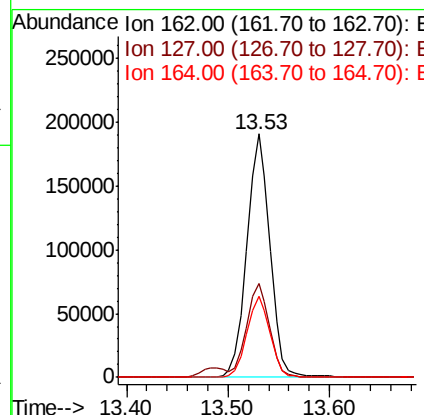
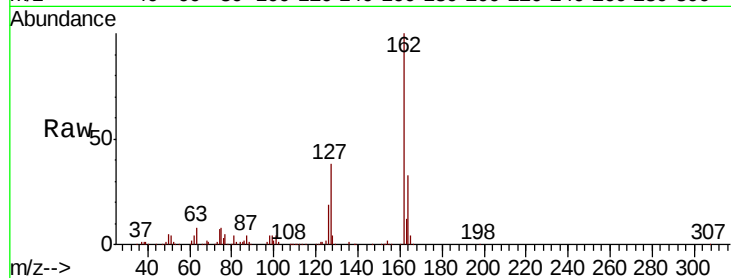




#47
2-Chloronaphthalene
Concen: 41.424 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

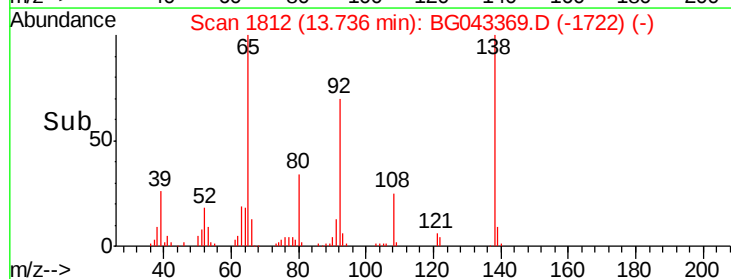
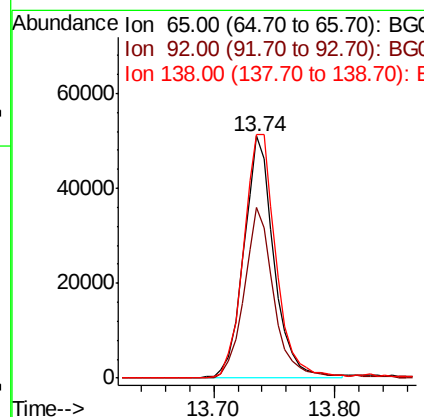
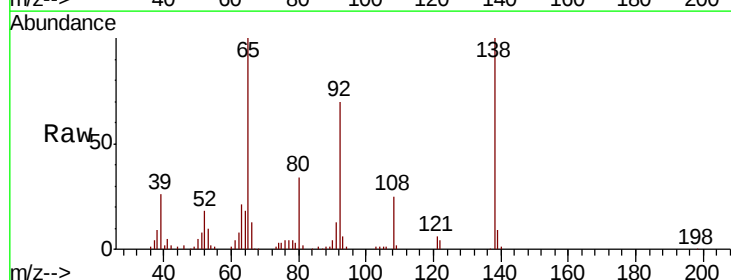
Instrument :
BNA_G
ClientSampleId :

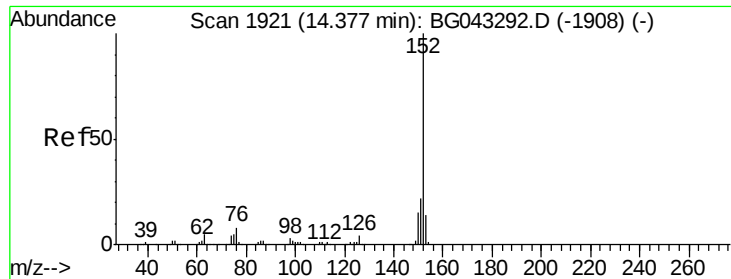
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.3	46.9
164	33.3	26.8	40.2



#48
2-Nitroaniline
Concen: 40.681 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	52.6	79.0
138	100.5	82.9	124.3





#49

Acenaphthylene

Concen: 41.263 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

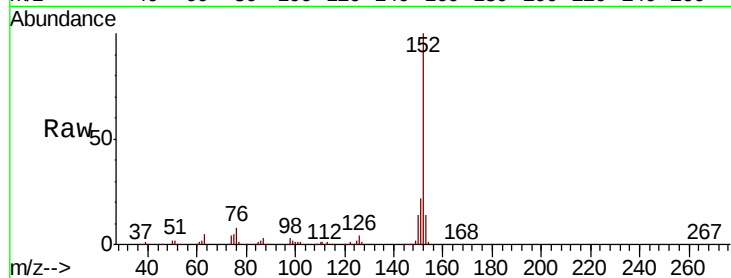
Tot Ion:152 Resp: 466946

Ion Ratio Lower Upper

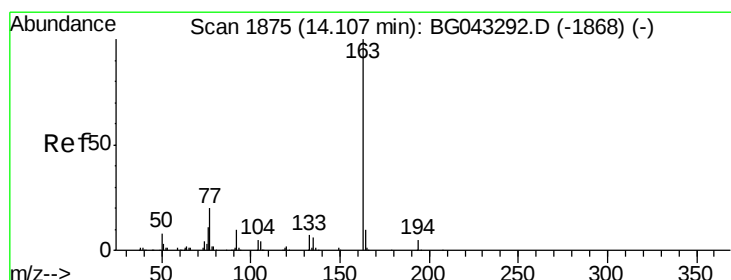
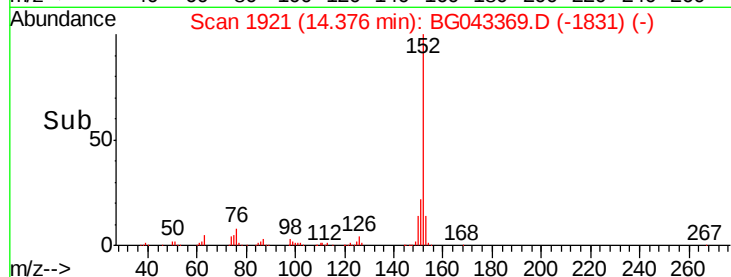
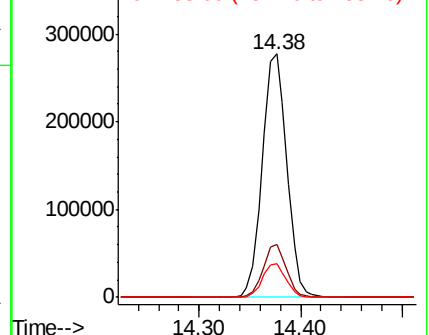
152 100

151 21.5 17.2 25.8

153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.293 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

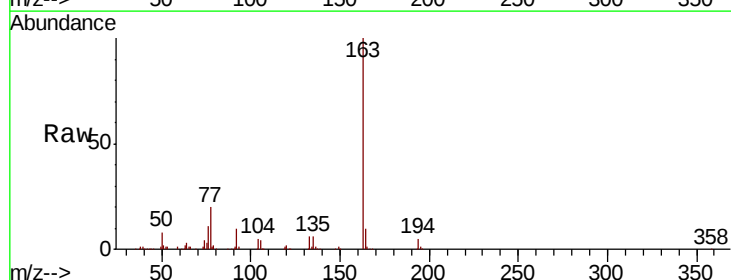
Tgt Ion:163 Resp: 382313

Ion Ratio Lower Upper

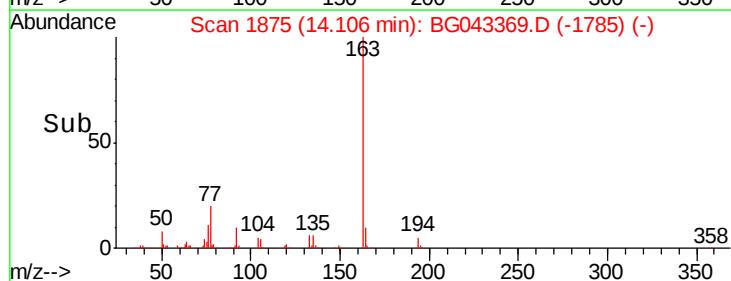
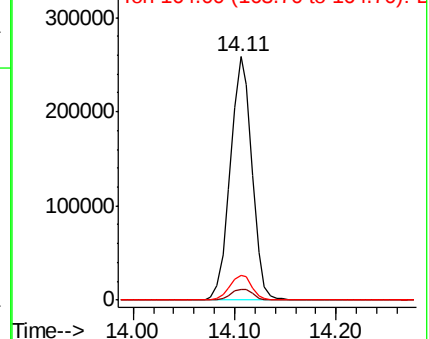
163 100

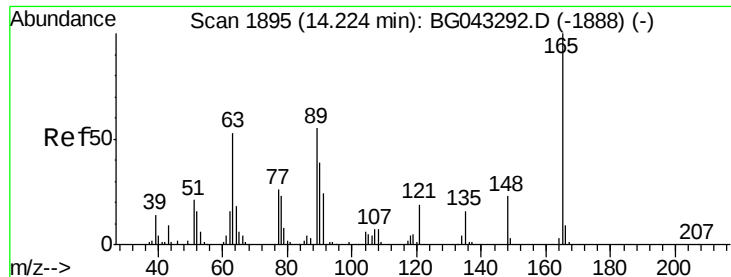
194 4.6 3.7 5.5

164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

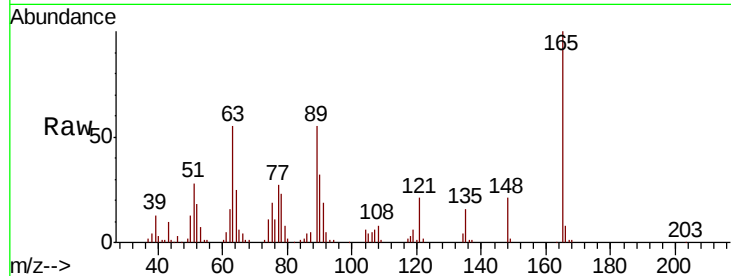




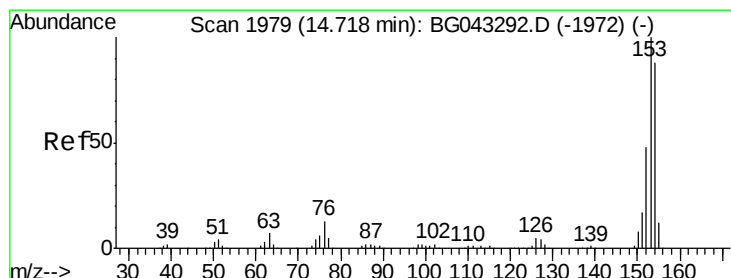
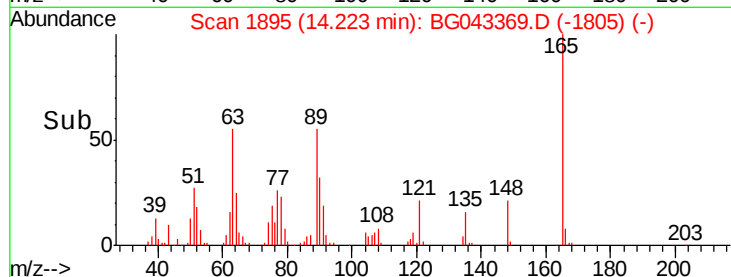
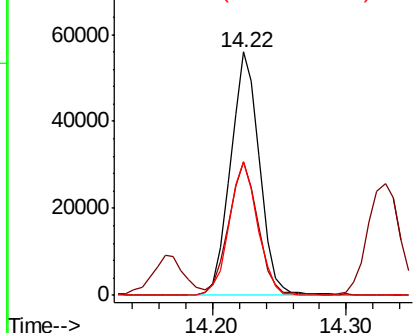
#51
 2,6-Dinitrotoluene
 Concen: 40.134 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 84835
 Ion Ratio Lower Upper
 165 100
 63 54.7 47.1 70.7
 89 54.9 43.7 65.5

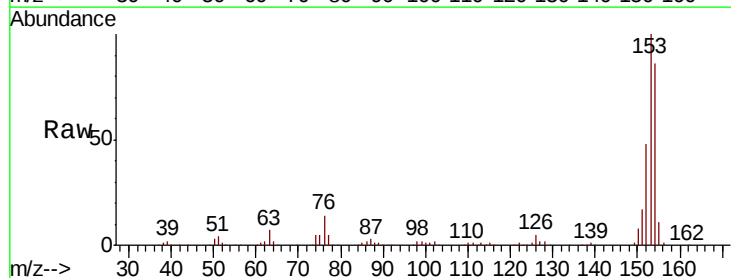


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

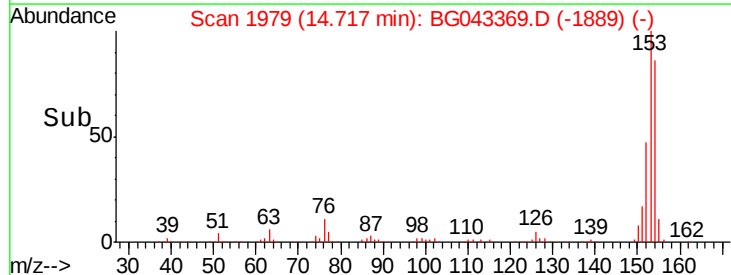
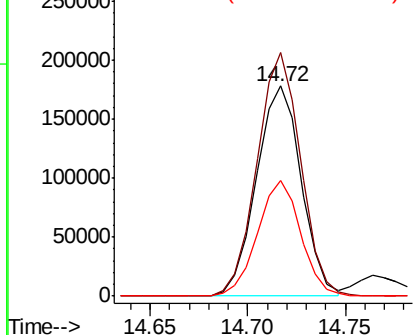


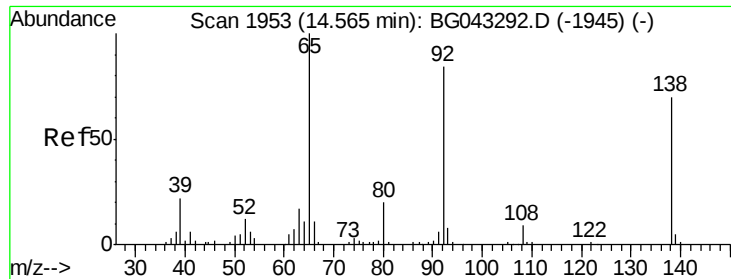
#52
 Acenaphthene
 Concen: 41.041 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Tgt Ion:154 Resp: 283226
 Ion Ratio Lower Upper
 154 100
 153 115.8 90.9 136.3
 152 55.1 43.9 65.9



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





#53

3-Nitroaniline

Concen: 40.720 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

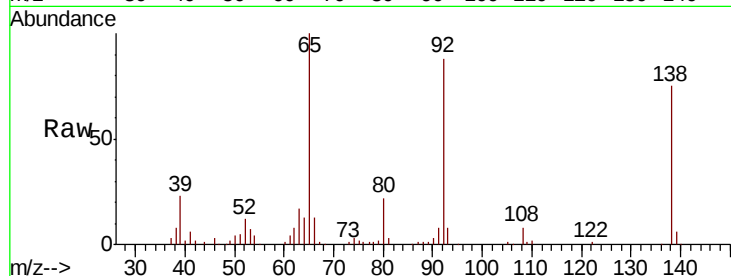
Tot Ion:138 Resp: 83103

Ion Ratio Lower Upper

138 100

108 11.1 9.8 14.6

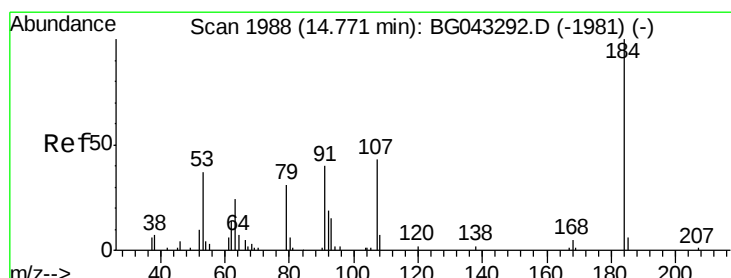
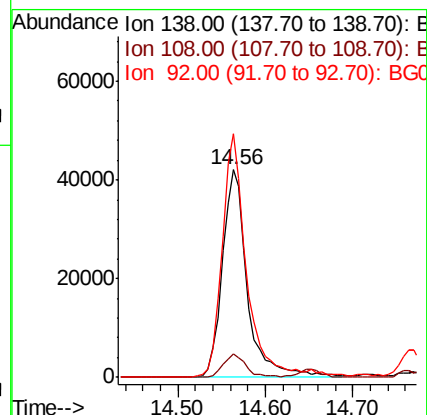
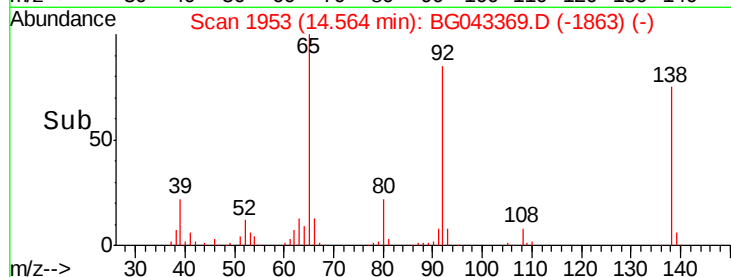
92 117.5 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 42.624 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

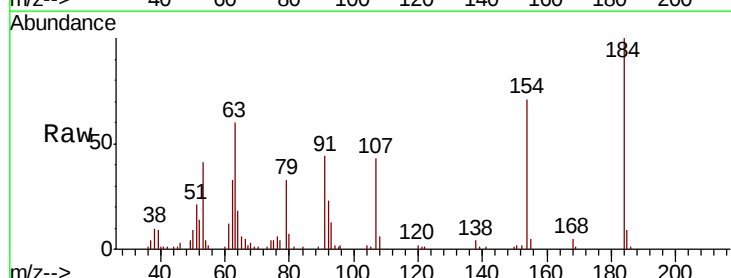
Tgt Ion:184 Resp: 51321

Ion Ratio Lower Upper

184 100

63 60.0 48.8 73.2

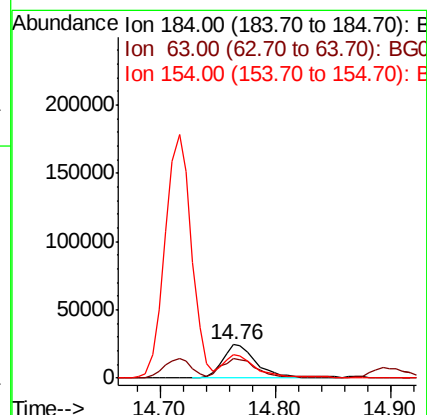
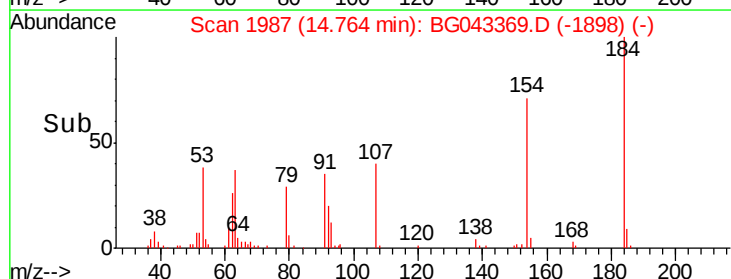
154 70.7 49.4 74.0

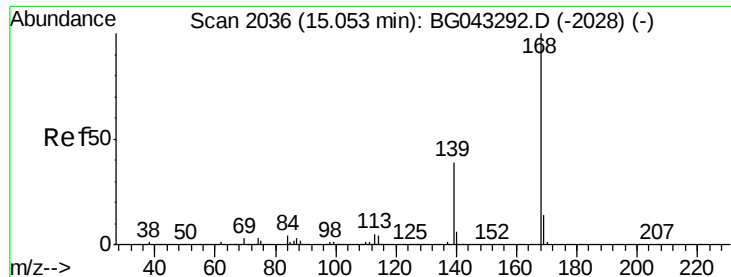


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

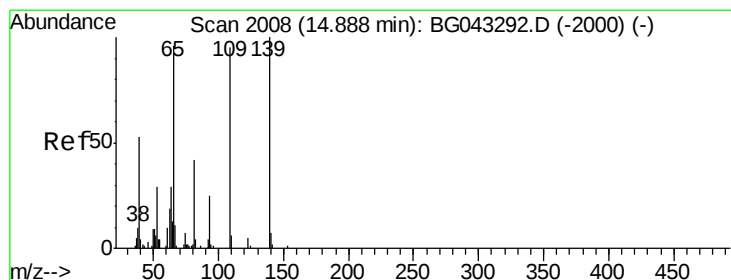
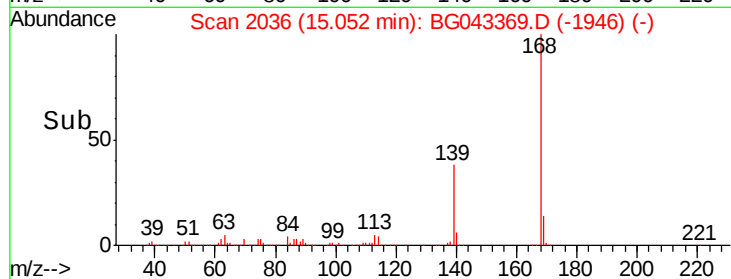
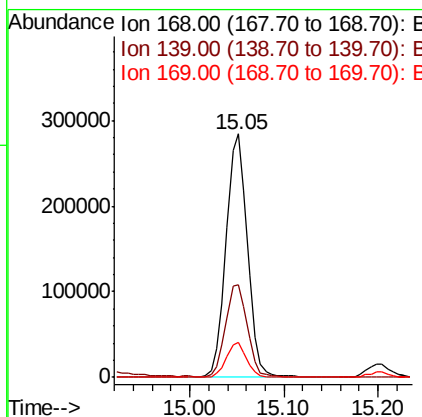
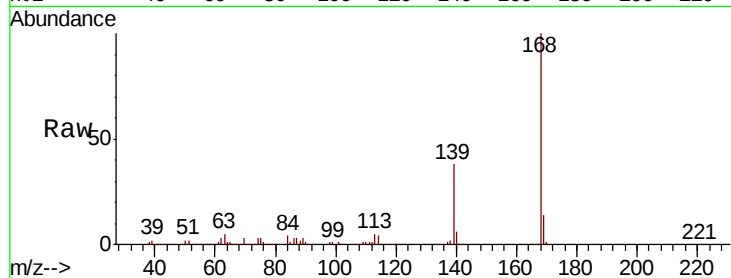




#55
Dibenzenofuran
Concen: 40.229 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

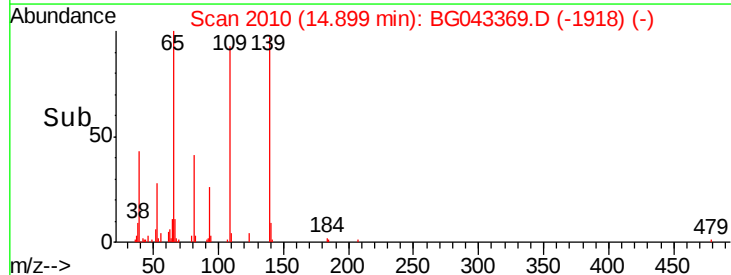
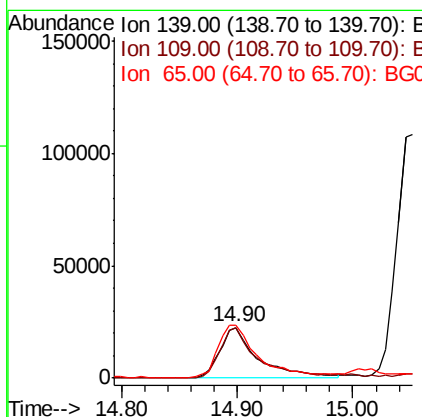
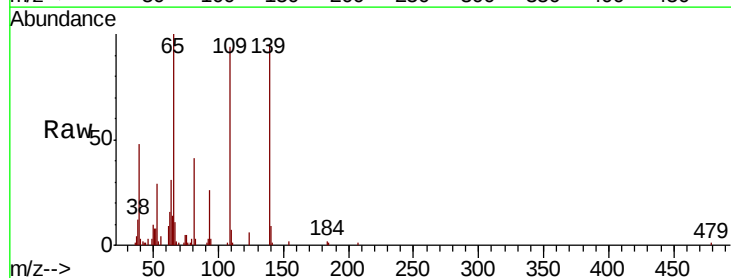
Instrument :
BNA_G
ClientSampleId :

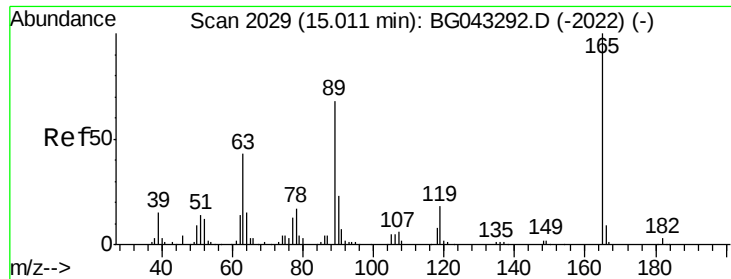
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	31.7	47.5
169	14.1	11.0	16.4



#56
4-Nitrophenol
Concen: 38.196 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.9	75.4	115.4
65	104.8	76.6	116.6

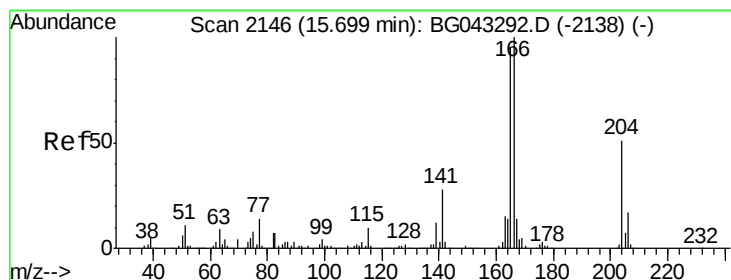
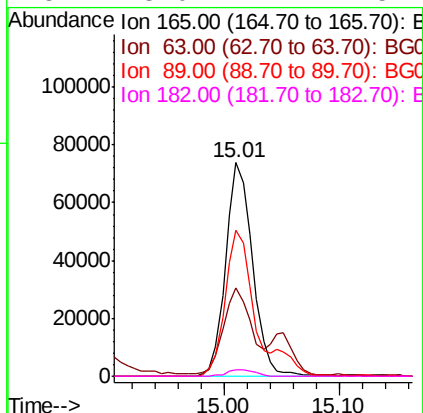
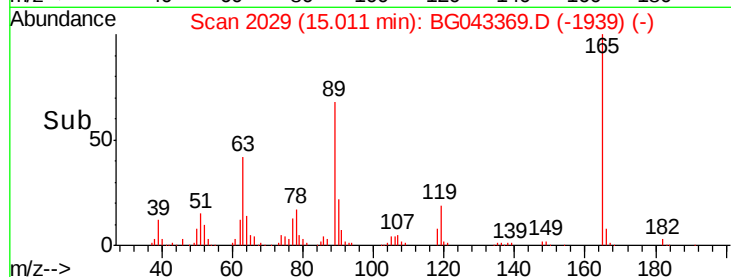
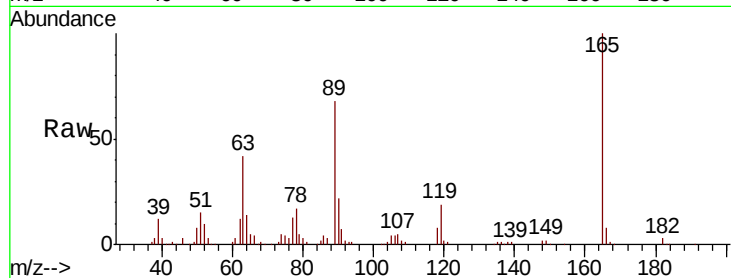




#57
 2,4-Dinitrotoluene
 Concen: 39.489 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

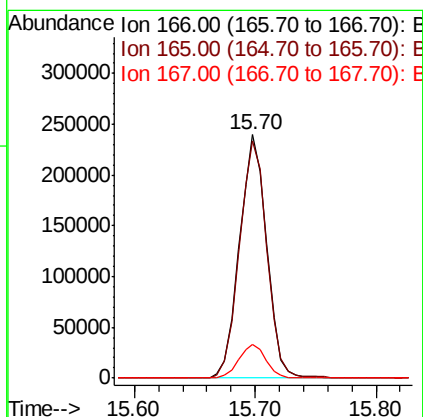
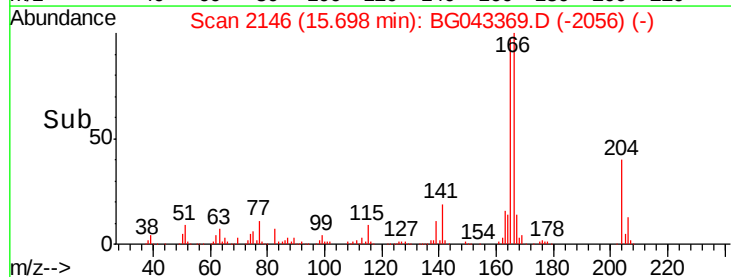
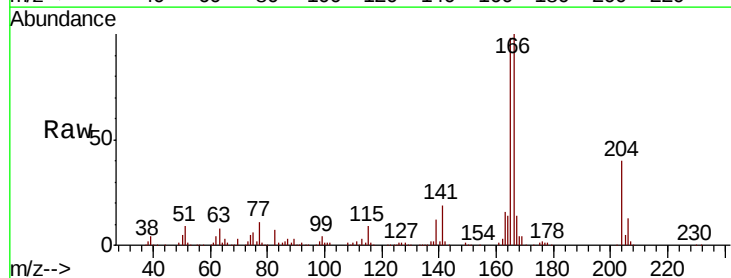
Instrument :
 BNA_G
 ClientSampled :

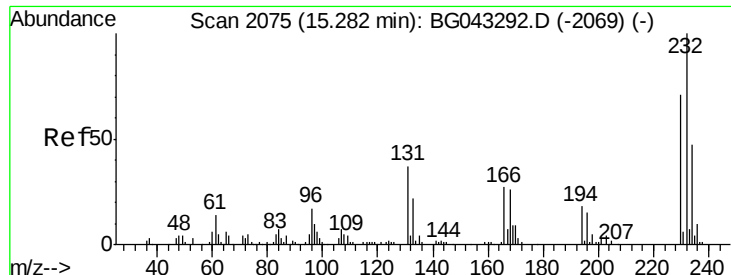
Tot Ion:	165	Resp:	119290
Ion	Ratio	Lower	Upper
165	100		
63	41.6	35.0	52.6
89	68.3	54.1	81.1
182	3.0	2.2	3.2



#58
 Fluorene
 Concen: 39.968 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Tgt Ion:	166	Resp:	375148
Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.4	114.6
167	13.9	11.1	16.7

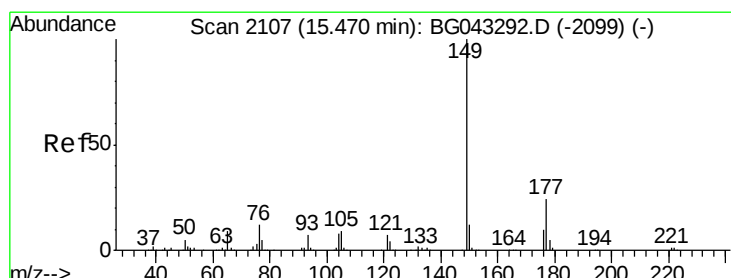
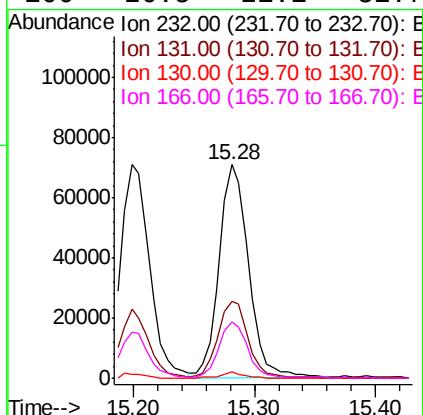
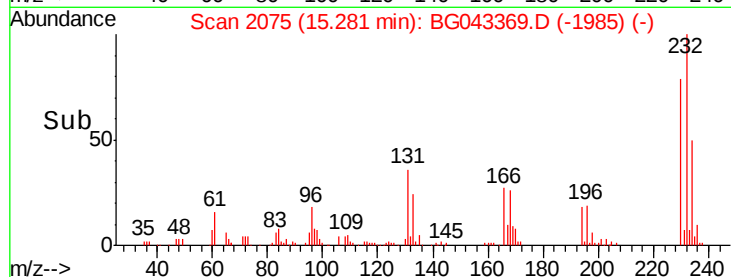
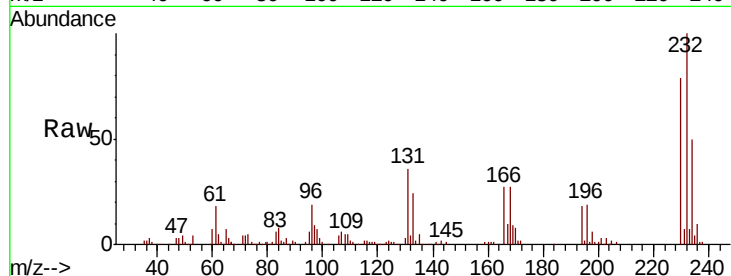




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.421 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

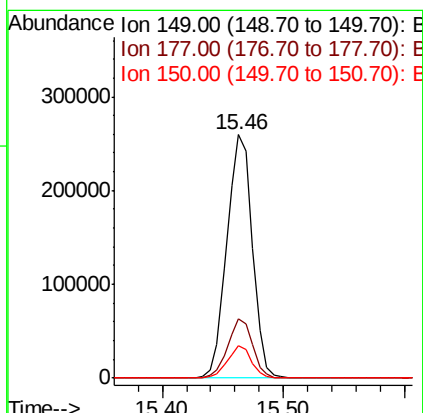
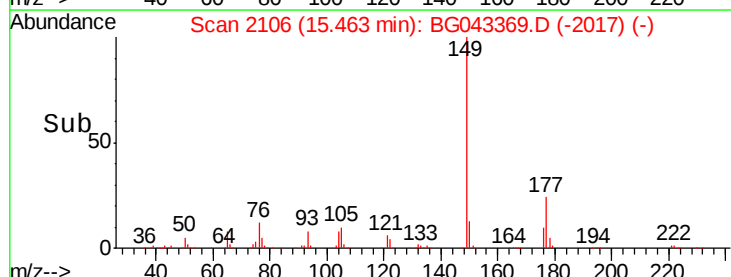
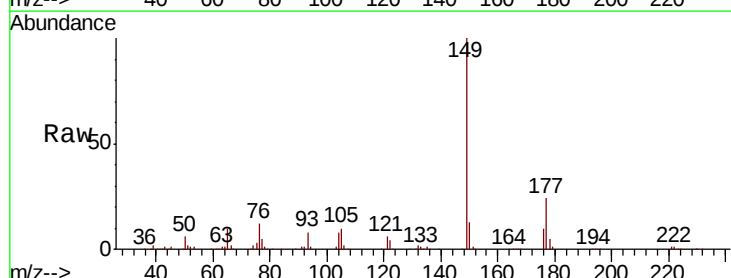
Instrument :
 BNA_G
 ClientSampled :

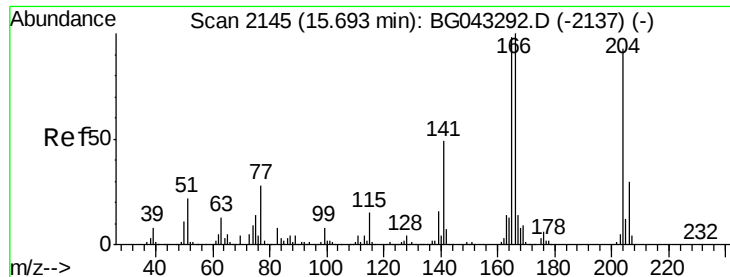
Tot Ion:232 Resp: 118867
 Ion Ratio Lower Upper
 232 100
 131 36.4 28.7 43.1
 130 2.3 0.6 0.8#
 166 26.5 21.1 31.7



#60
 Diethylphthalate
 Concen: 38.895 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Tgt Ion:149 Resp: 380253
 Ion Ratio Lower Upper
 149 100
 177 24.2 19.0 28.4
 150 13.5 9.4 14.0

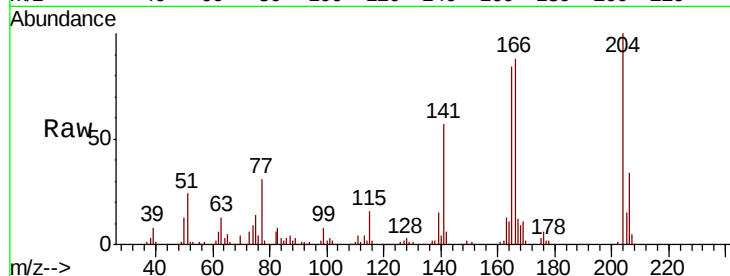




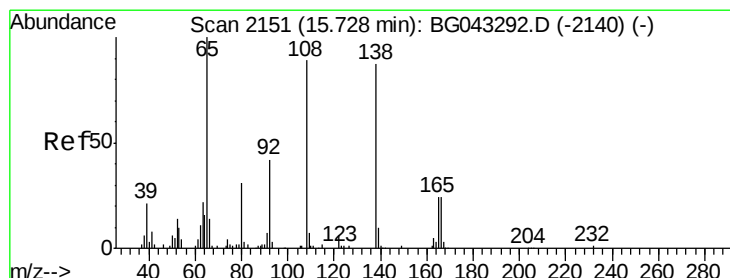
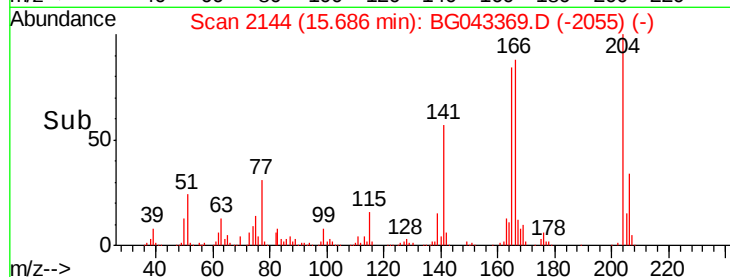
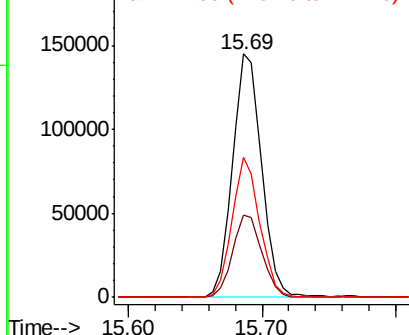
#61
4-Chlorophenyl-phenylether
Concen: 40.081 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 219473
Ion Ratio Lower Upper
204 100
206 33.8 25.7 38.5
141 57.5 42.3 63.5

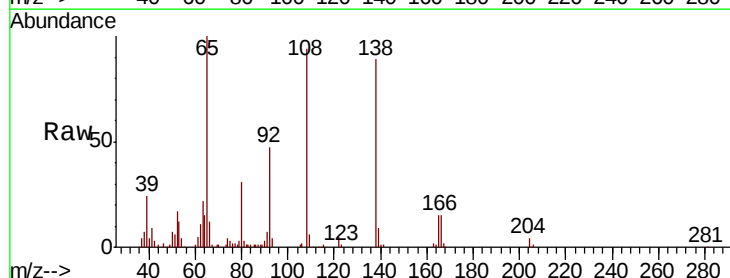


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

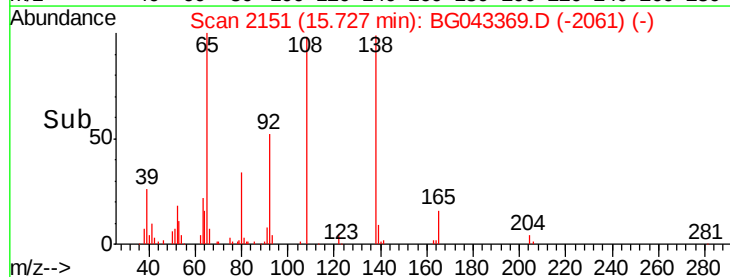
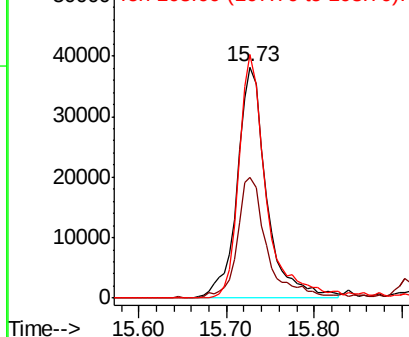


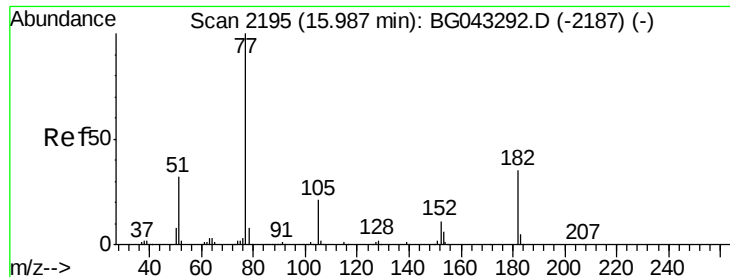
#62
4-Nitroaniline
Concen: 41.075 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion:138 Resp: 86572
Ion Ratio Lower Upper
138 100
92 52.2 28.8 68.8
108 105.4 82.7 122.7



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

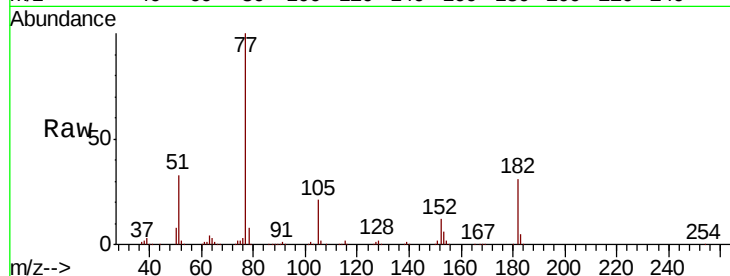




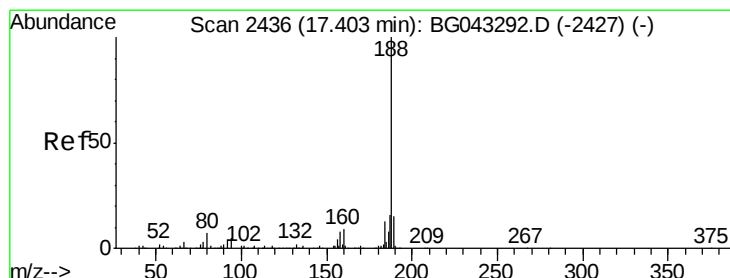
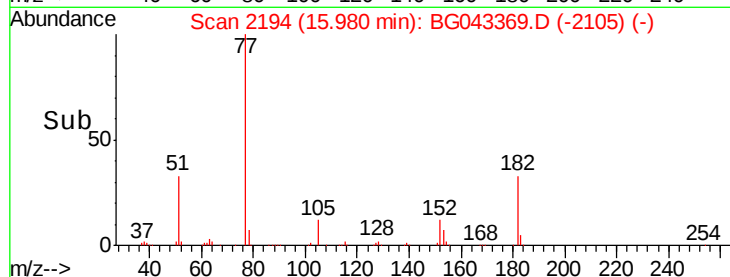
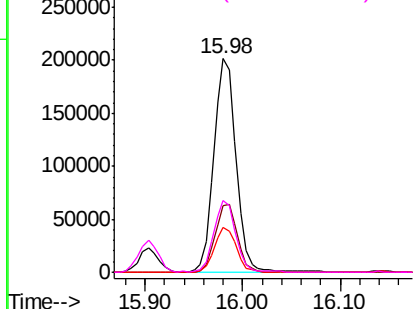
#63
Azobenzene
Concen: 39.905 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	315741
Ion	Ratio	Lower	Upper
77	100		
182	31.5	14.9	54.9
105	20.9	0.6	40.6
51	33.4	12.5	52.5

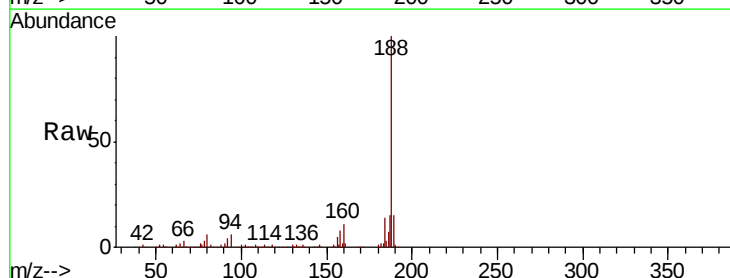


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

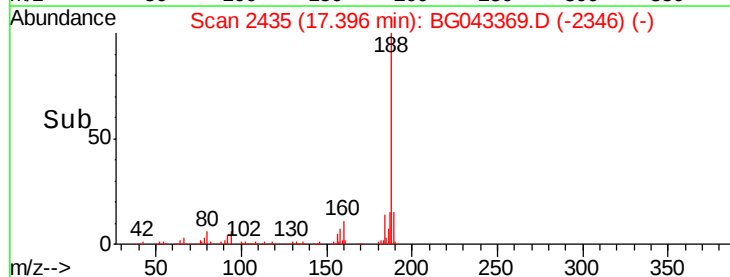
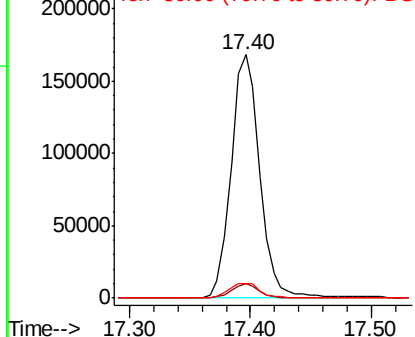


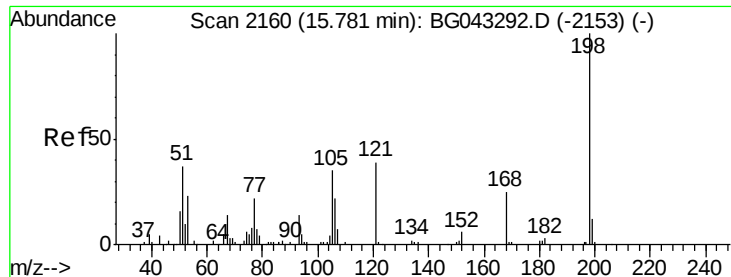
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion:	188	Resp:	277018
Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.2
80	6.1	5.2	7.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

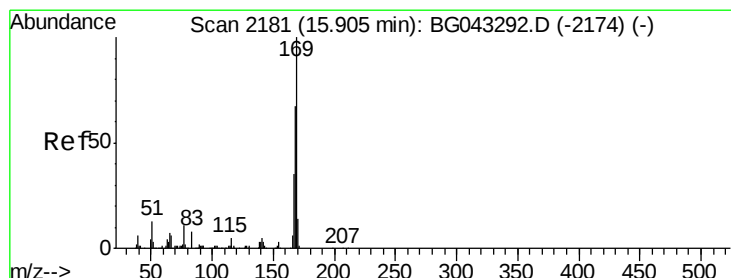
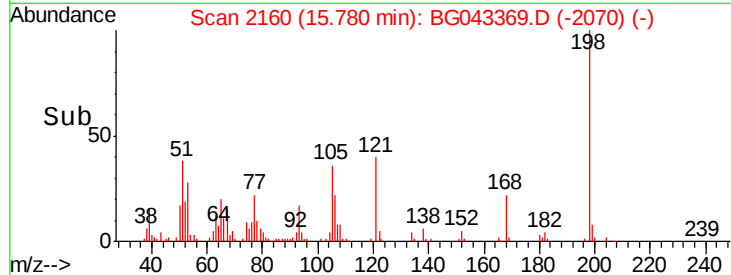
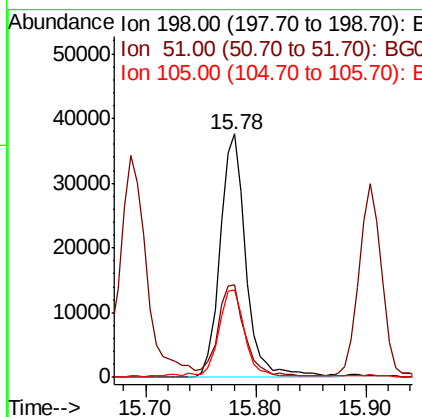
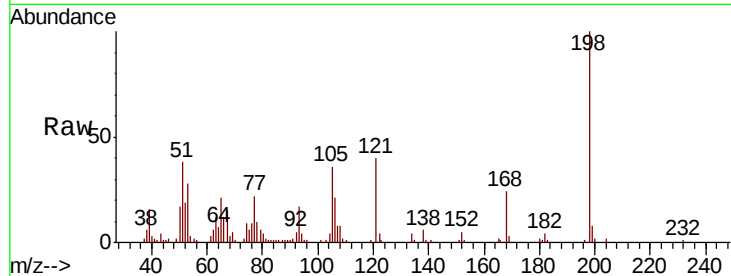




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.704 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

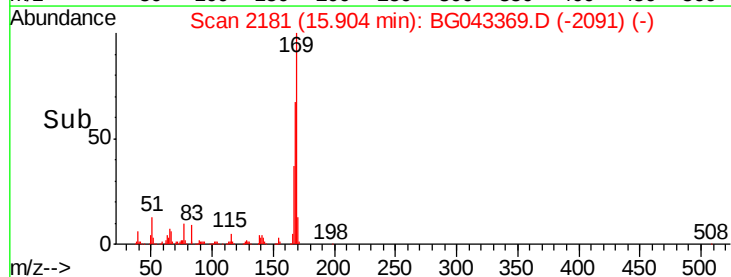
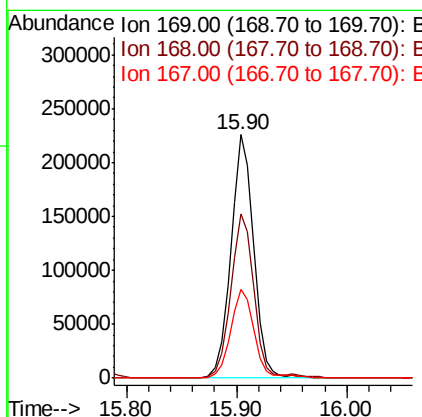
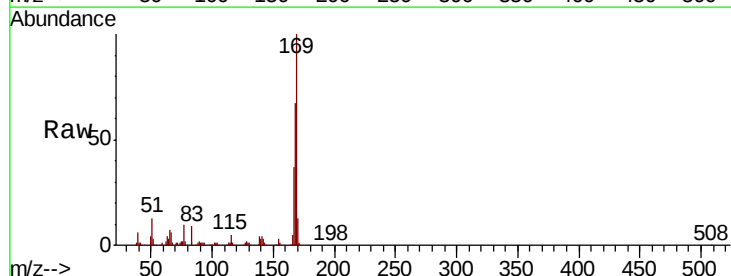
Instrument :
 BNA_G
 ClientSampleId :

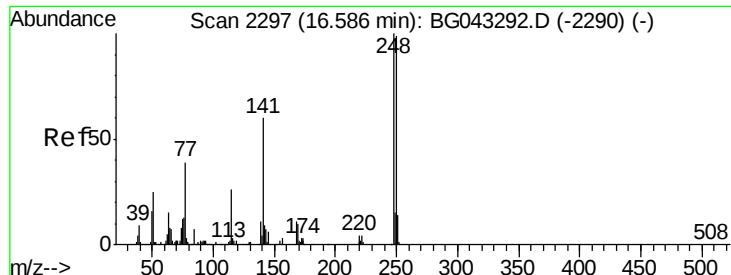
Tot Ion:198 Resp: 61467
 Ion Ratio Lower Upper
 198 100
 51 38.1 21.4 61.4
 105 35.9 16.5 56.5



#66
 n-Nitrosodiphenylamine
 Concen: 41.773 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Tgt Ion:169 Resp: 326702
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.9 80.9
 167 36.6 28.3 42.5

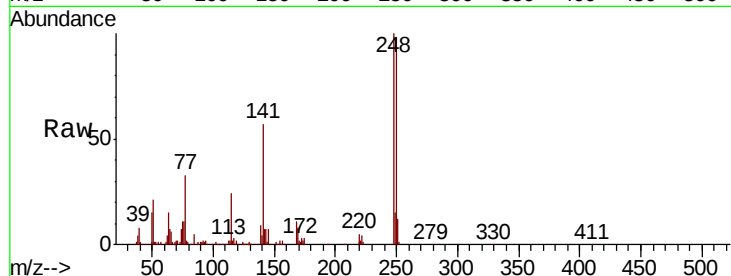




#67
4-Bromophenyl-phenylether
Concen: 42.502 ng
RT: 16.59 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.3	118.9
141	56.5	47.9	71.9

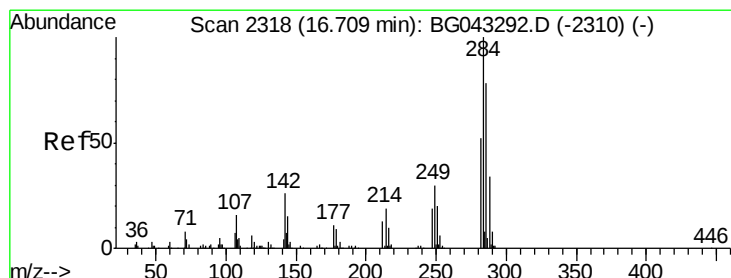
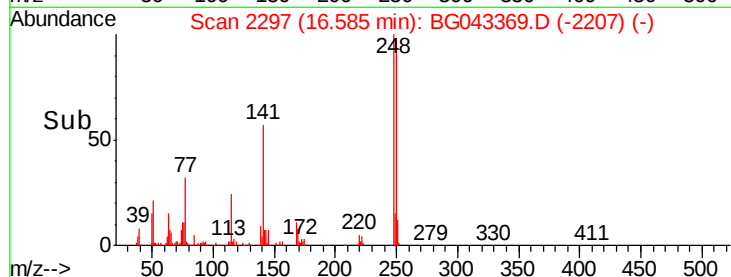
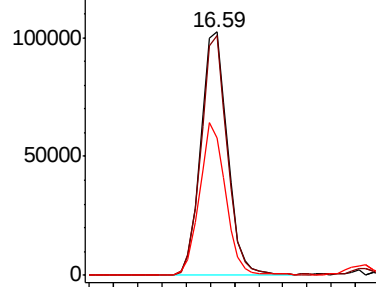


Abundance

Ion 248.00 (247.70 to 248.70): E

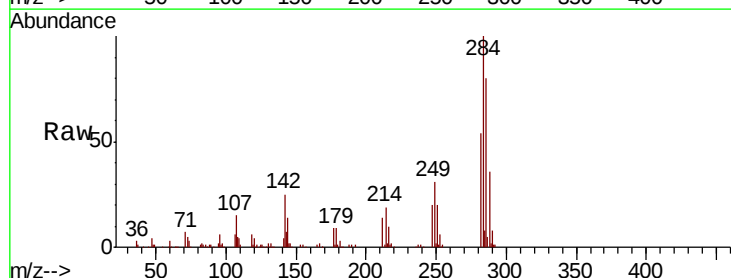
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.133 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.6	21.1	31.7
249	31.1	24.4	36.6

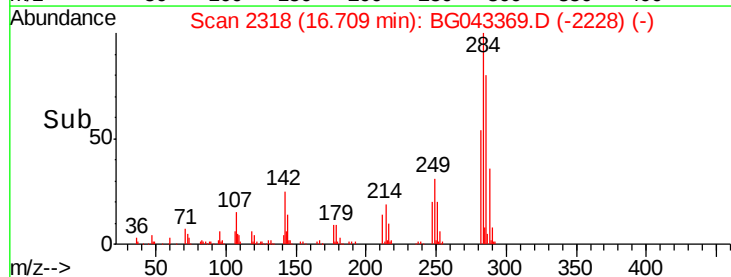
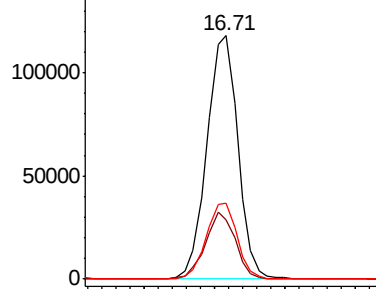


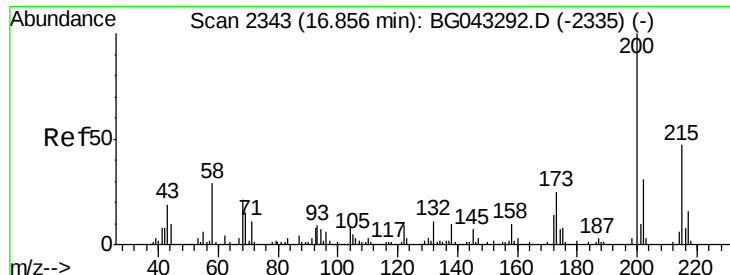
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

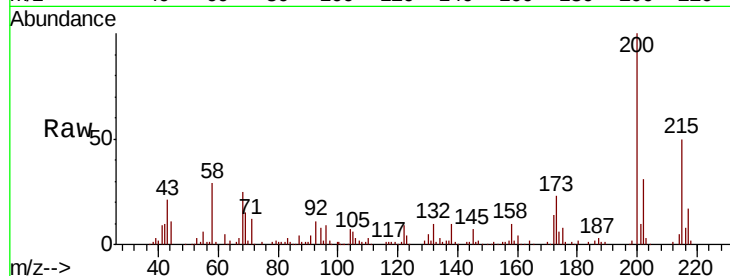




#69
 Atrazine
 Concen: 37.933 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.01 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	5.1	45.1
215	49.7	26.6	66.6

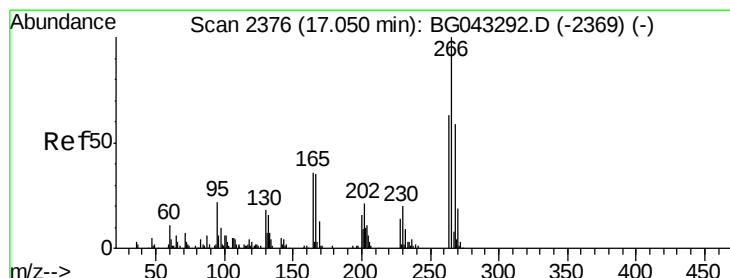
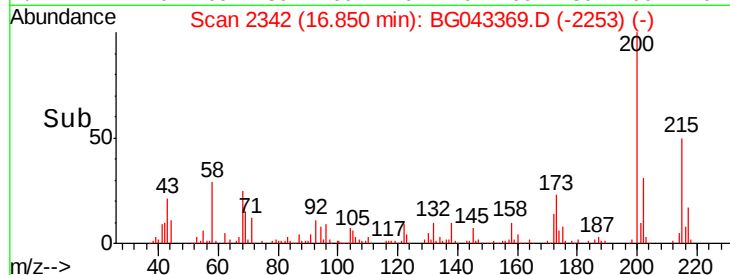
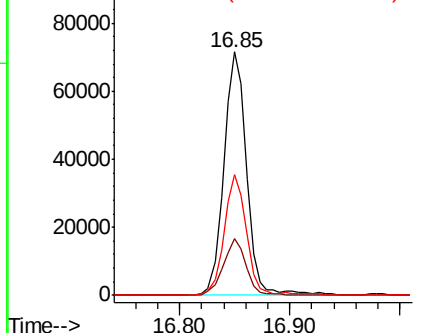


Abundance

Ion 200.00 (199.70 to 200.70): E

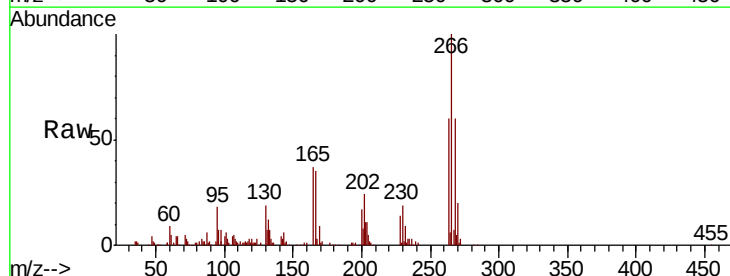
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 41.262 ng
 RT: 17.06 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.6	47.1	70.7
264	59.7	50.4	75.6

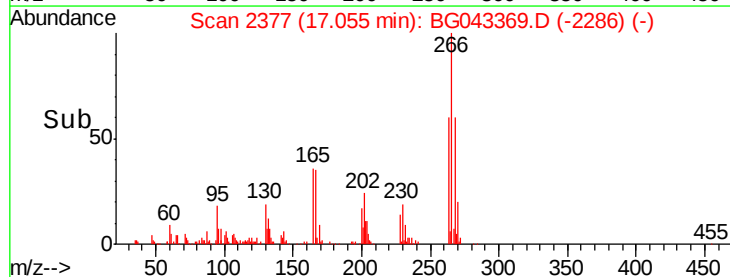
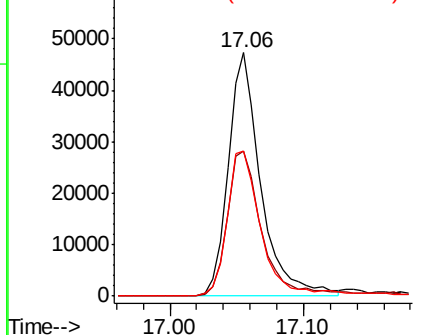


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.531 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampled :

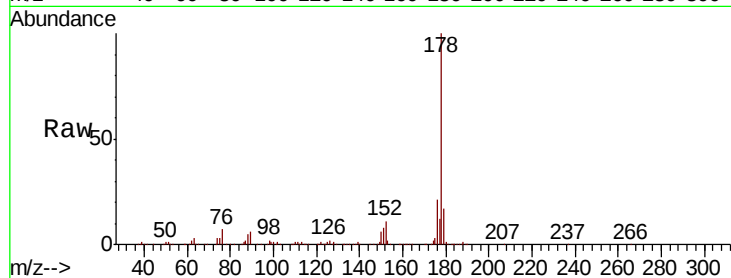
Tot Ion:178 Resp: 589135

Ion Ratio Lower Upper

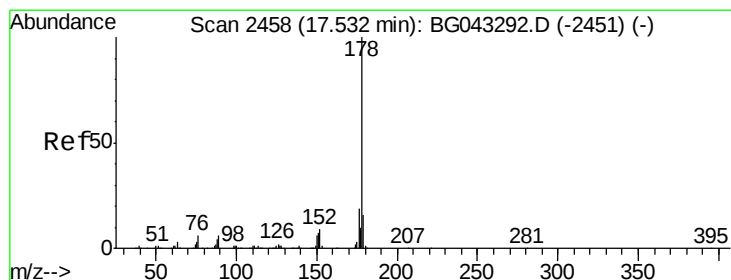
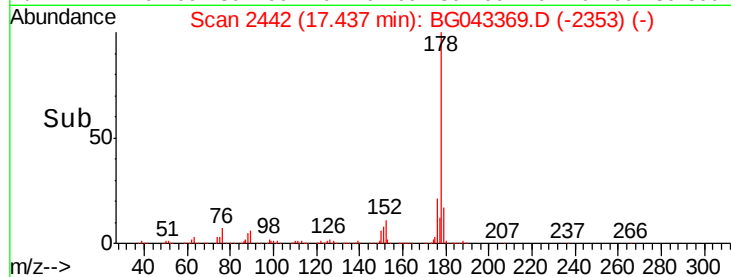
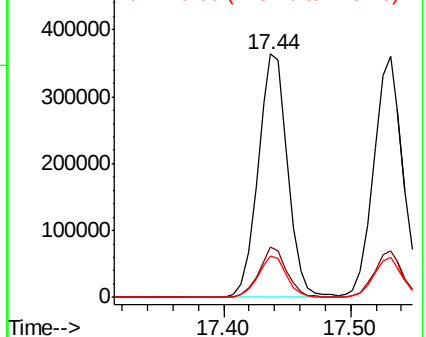
178 100

176 20.6 15.8 23.8

179 16.9 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.537 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

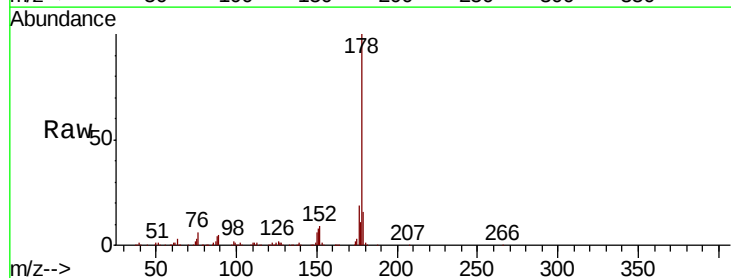
Tgt Ion:178 Resp: 589529

Ion Ratio Lower Upper

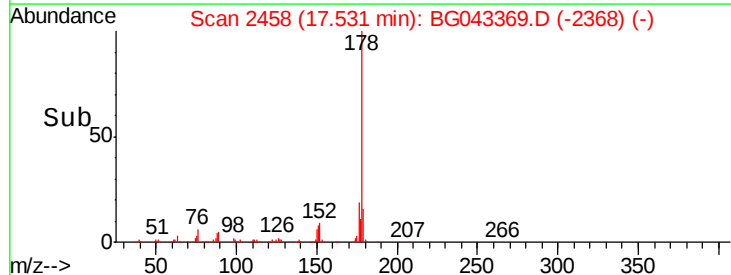
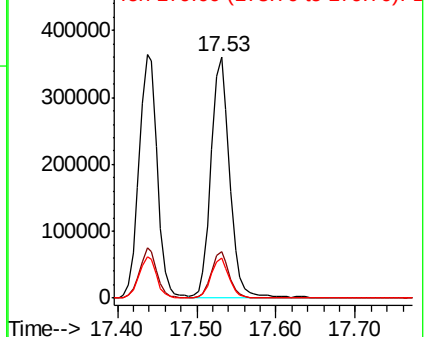
178 100

176 19.2 15.1 22.7

179 16.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

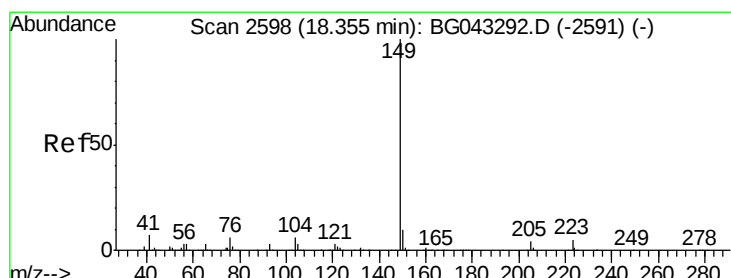
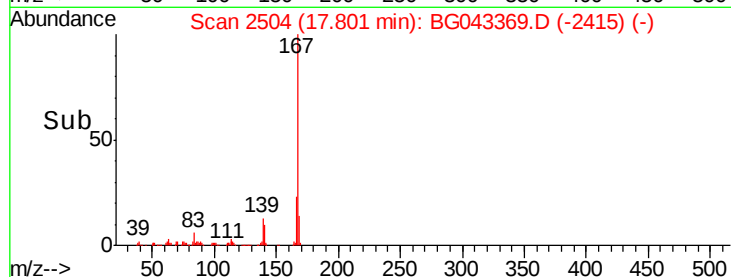
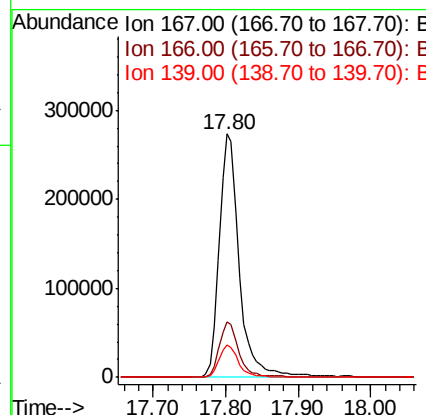
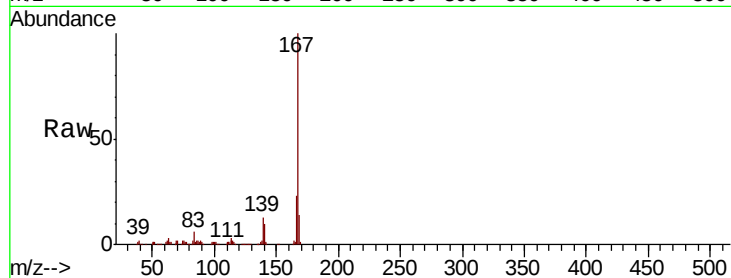




#73
 Carbazole
 Concen: 40.921 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

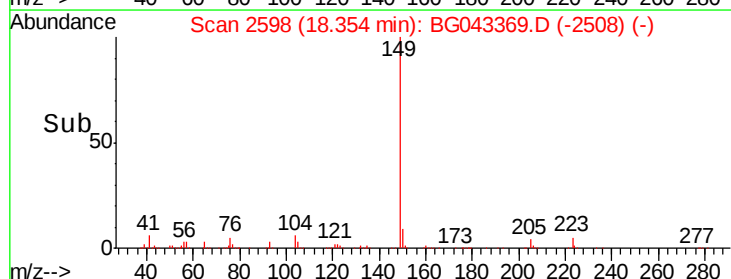
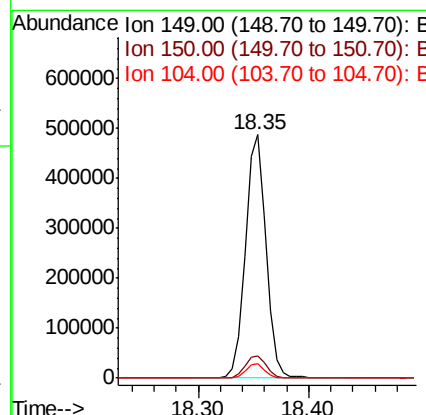
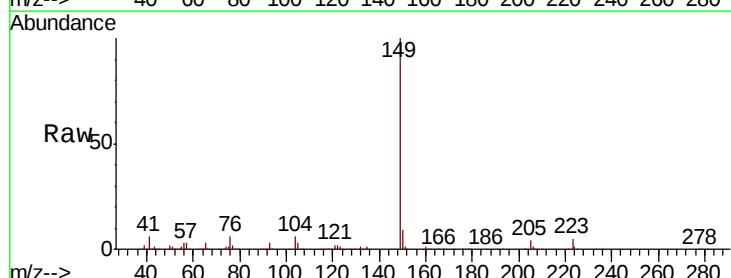
Instrument :
 BNA_G
 ClientSampleId :

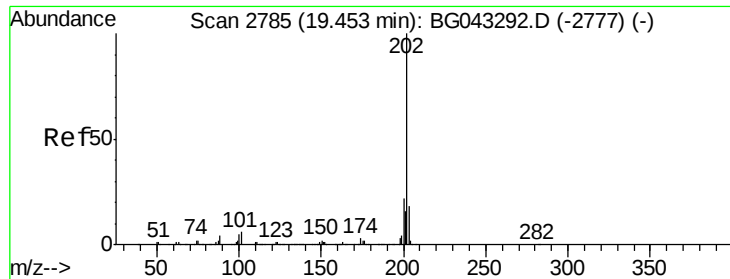
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.4	27.6
139	13.1	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 40.861 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.0	12.0
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 40.275 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043369.D

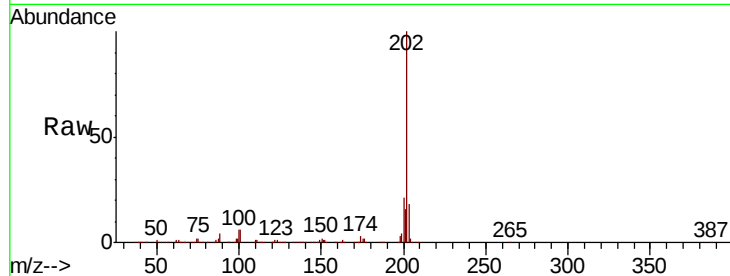
Acq: 29 Oct 2019 11:35

Instrument :

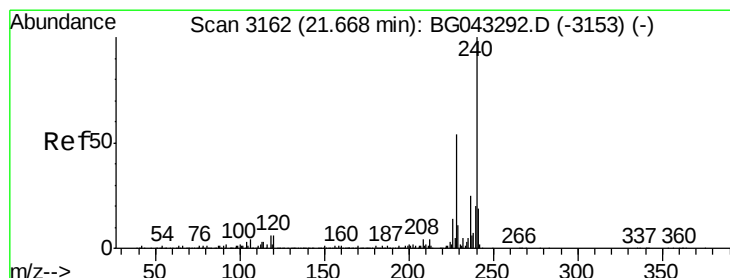
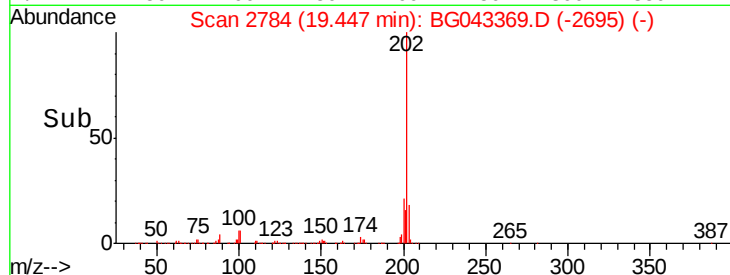
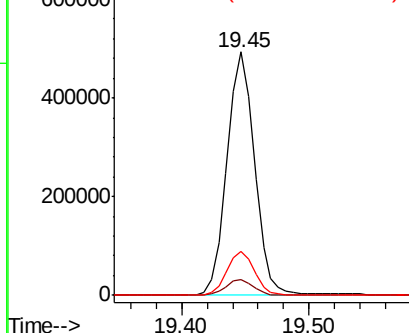
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	744826
Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	26.0
203	18.3	0.0	38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

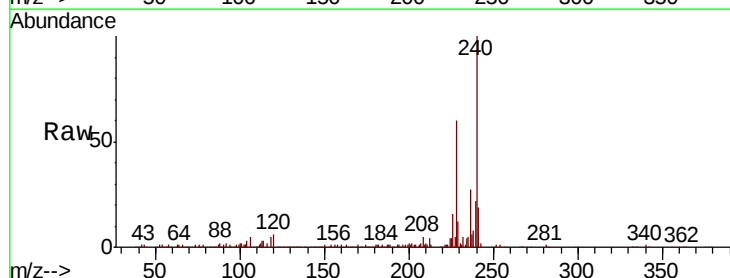
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

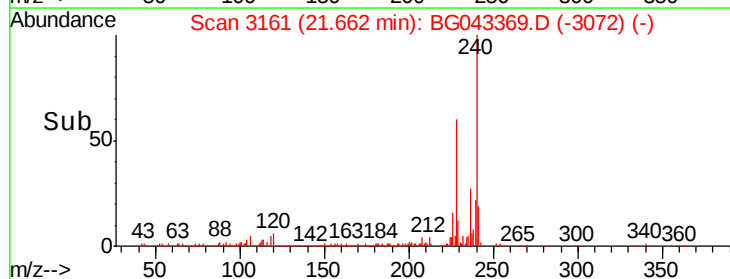
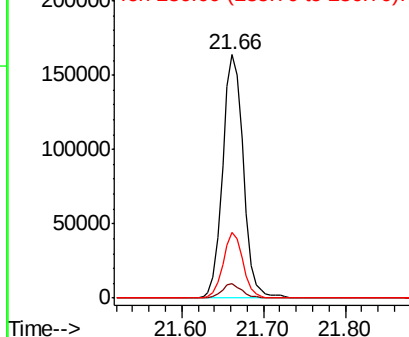
Lab File: BG043369.D

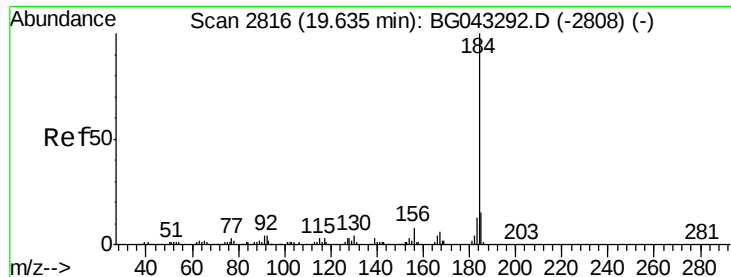
Acq: 29 Oct 2019 11:35

Tgt Ion:	240	Resp:	289086
Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.6	7.0
236	26.9	20.2	30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.833 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

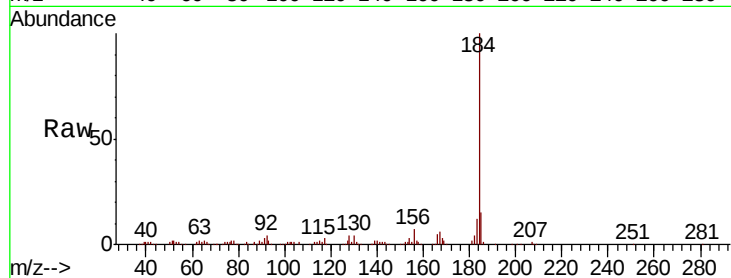
Tot Ion:184 Resp: 231744

Ion Ratio Lower Upper

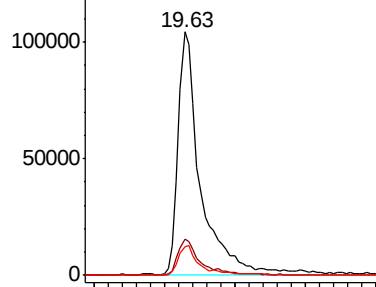
184 100

185 14.9 11.8 17.6

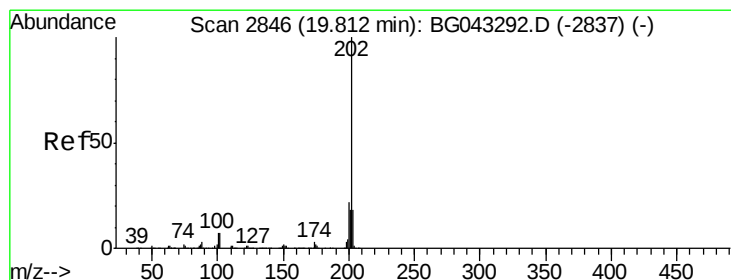
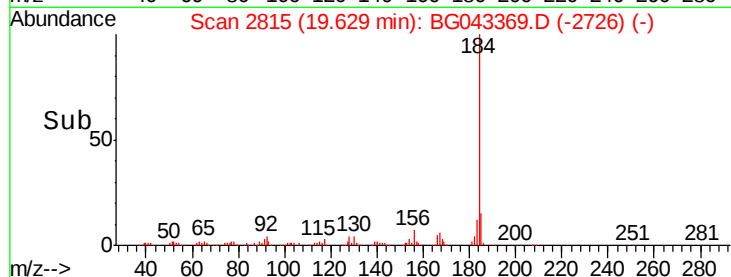
183 12.0 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time--> 19.50 19.60 19.70 19.80



#78

Pyrene

Concen: 41.629 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

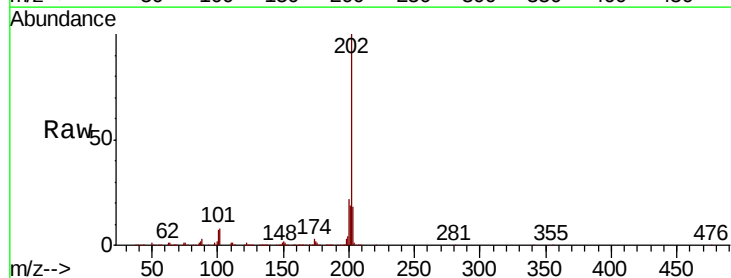
Tgt Ion:202 Resp: 744921

Ion Ratio Lower Upper

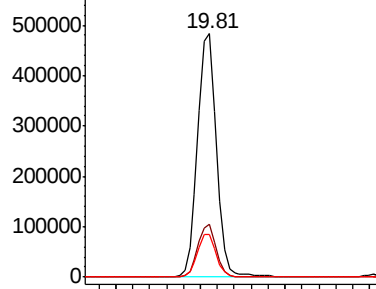
202 100

200 21.7 17.3 25.9

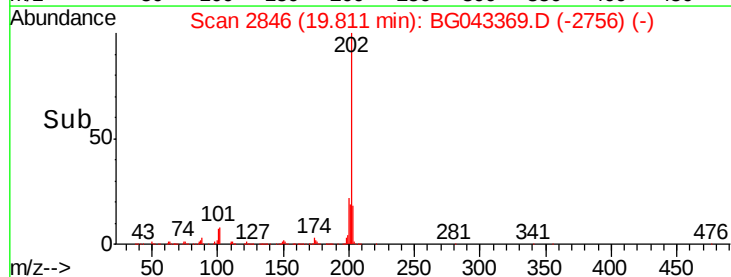
203 17.7 14.5 21.7

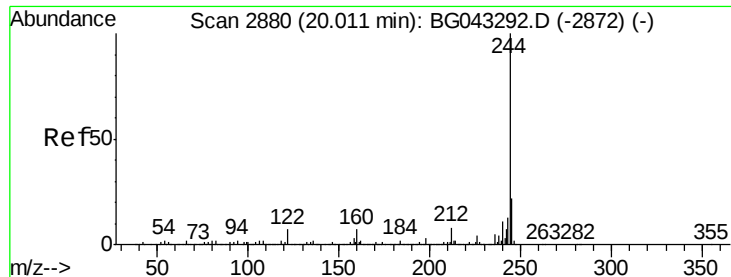


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.70 19.80 19.90





#79

Terphenyl-d14

Concen: 84.211 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

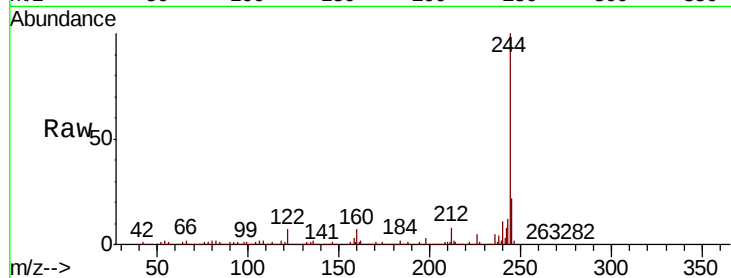
Tot Ion:244 Resp: 1297631

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

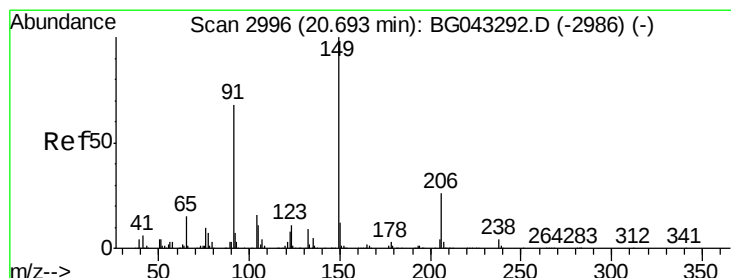
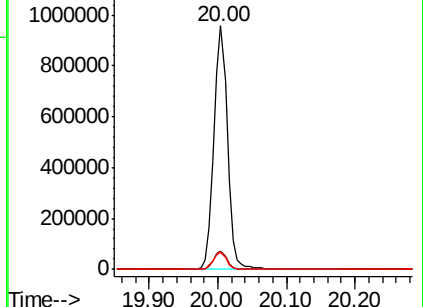
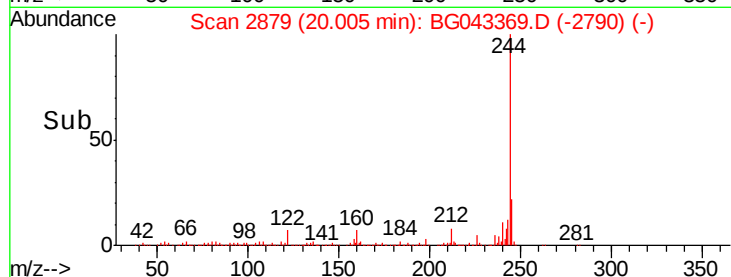
122 7.2 5.3 7.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.661 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

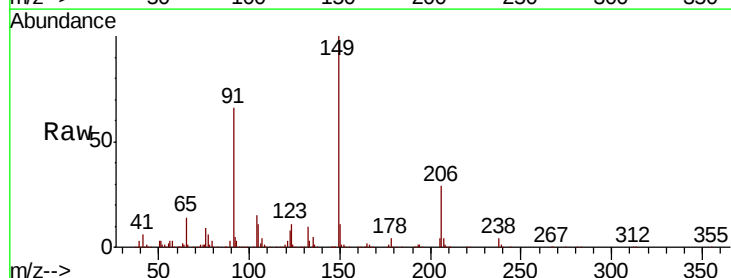
Tgt Ion:149 Resp: 289212

Ion Ratio Lower Upper

149 100

91 65.9 54.6 82.0

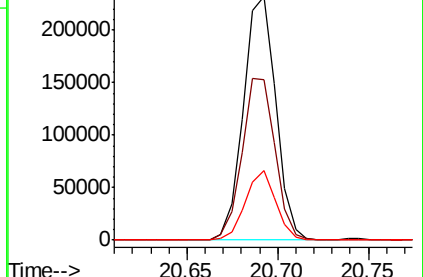
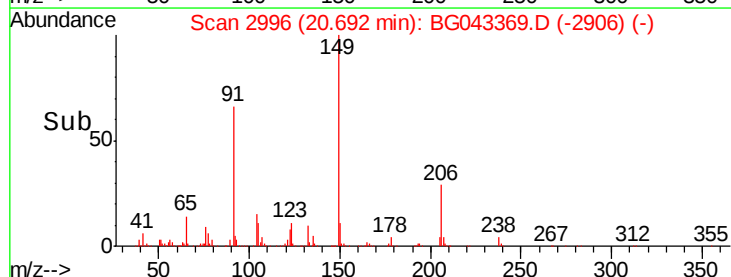
206 28.5 20.5 30.7

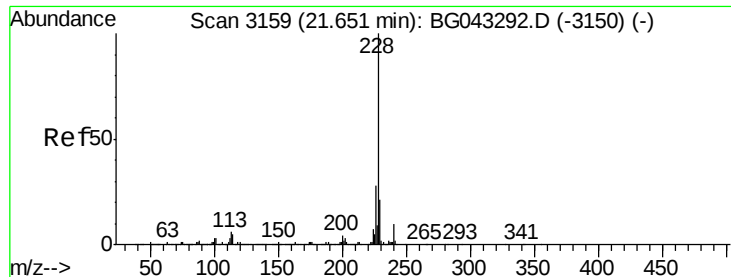


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.381 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampled :

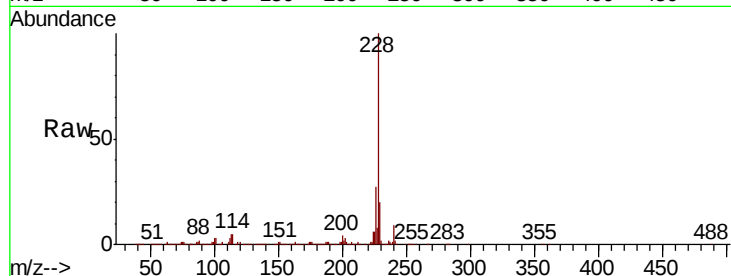
Tot Ion:228 Resp: 767440

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.4

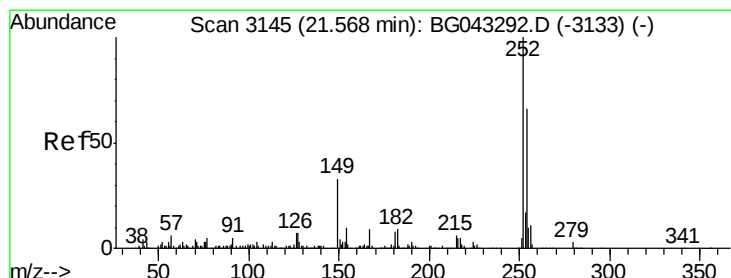
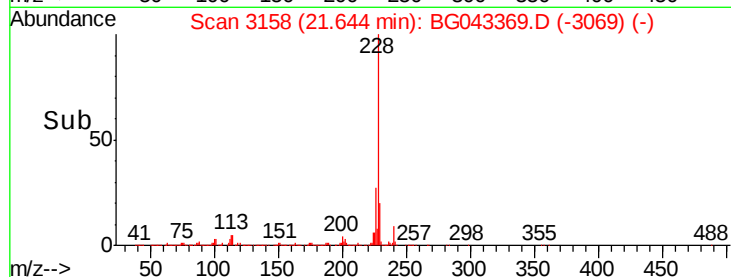
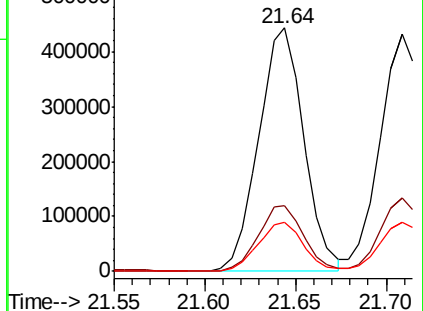
229 19.9 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.399 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

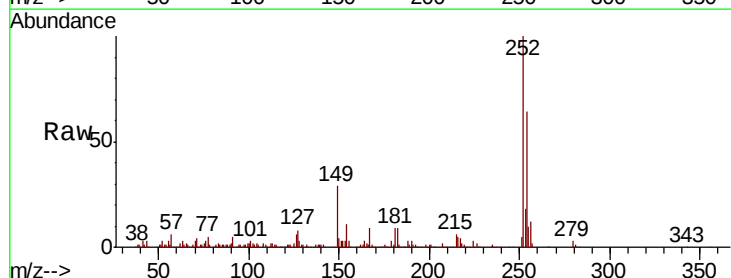
Tgt Ion:252 Resp: 303964

Ion Ratio Lower Upper

252 100

254 64.0 52.7 79.1

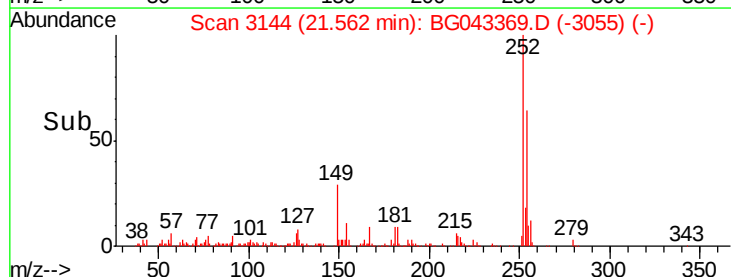
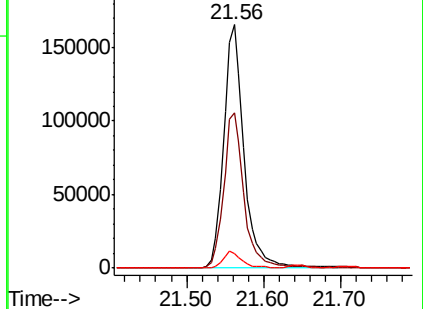
126 5.9 5.6 8.4

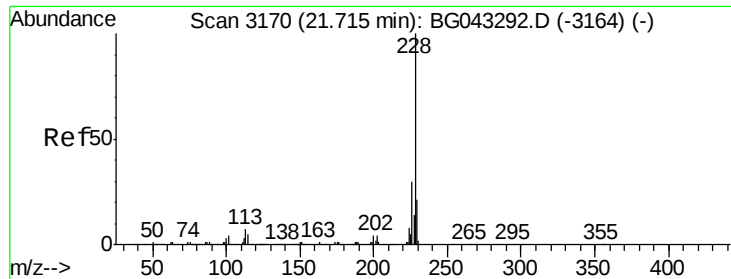


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

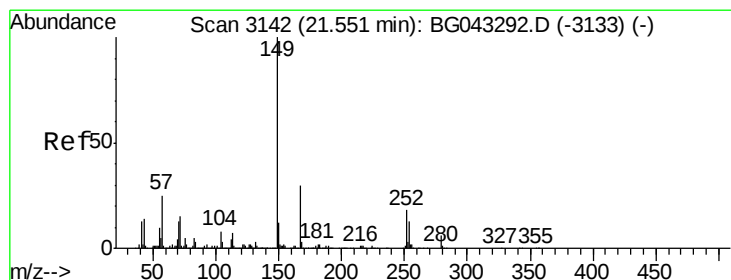
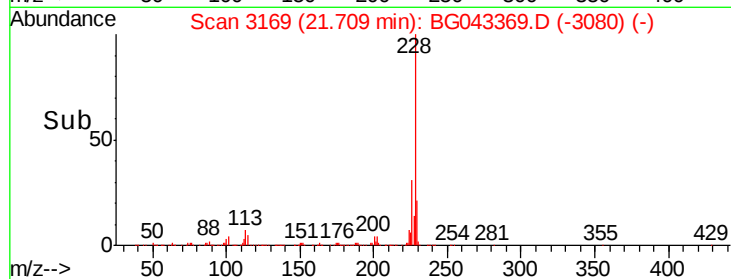
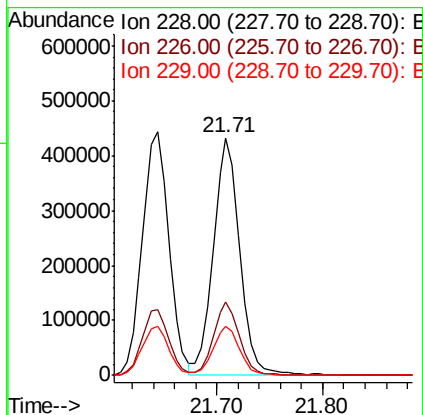
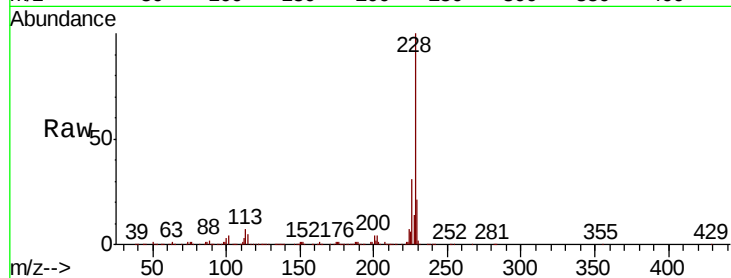




#83
 Chrvsene
 Concen: 41.857 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

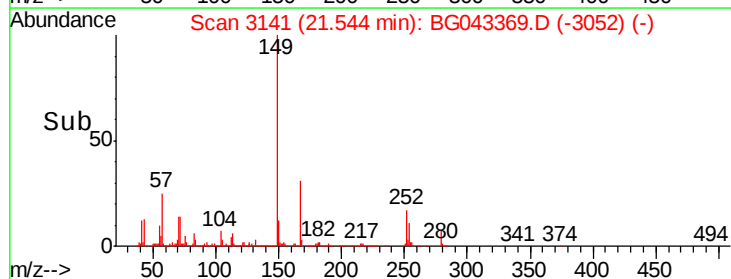
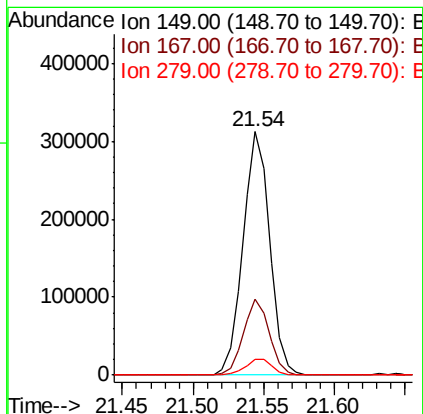
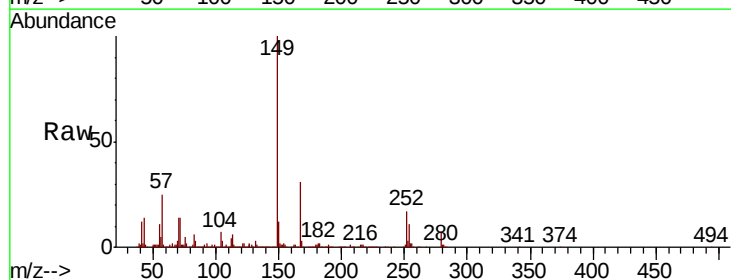
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 753083
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.8 35.8
 229 20.8 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.856 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG043369.D
 Acq: 29 Oct 2019 11:35

Tgt Ion:149 Resp: 412714
 Ion Ratio Lower Upper
 149 100
 167 31.2 23.9 35.9
 279 6.7 4.8 7.2





#85

Di-n-octyl phthalate

Concen: 43.384 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

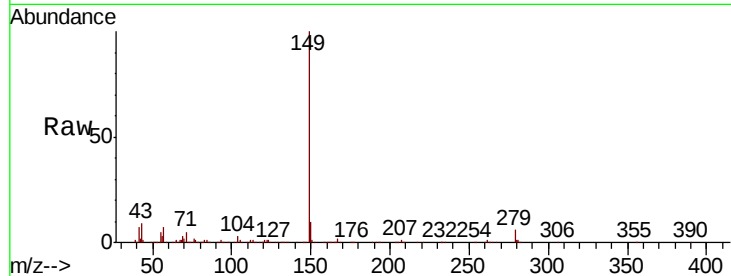
Tot Ion:149 Resp: 708816

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

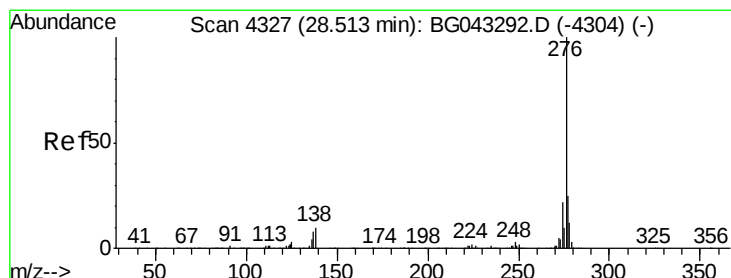
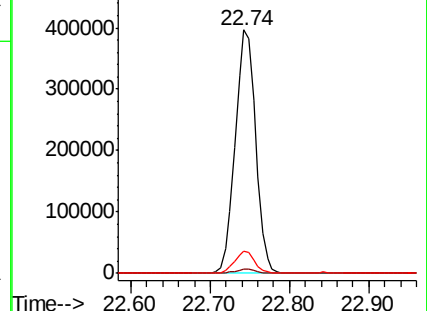
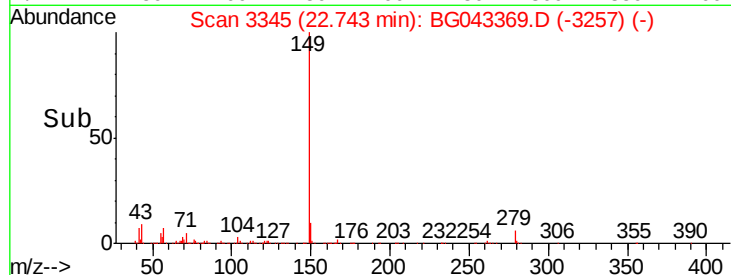
43 9.0 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.671 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

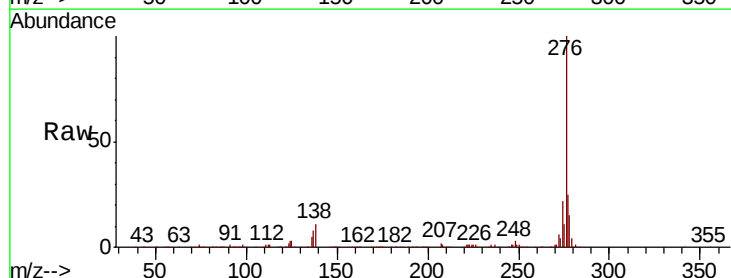
Tgt Ion:276 Resp: 986283

Ion Ratio Lower Upper

276 100

138 5.3 7.2 10.8#

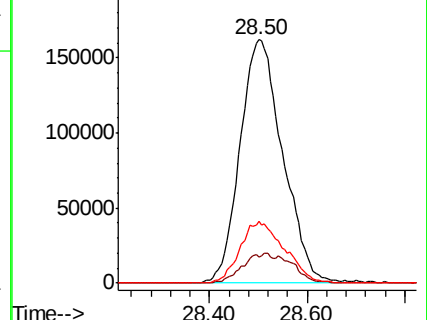
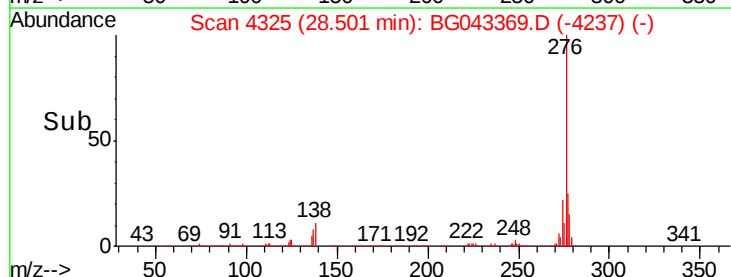
277 26.3 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

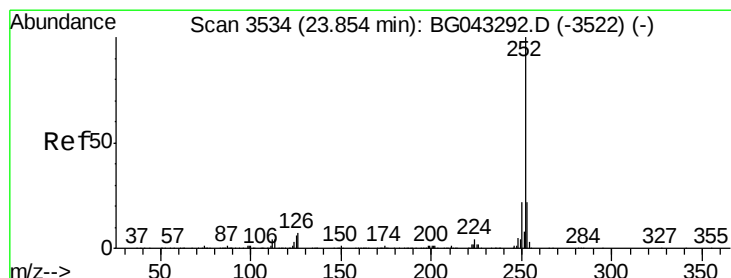
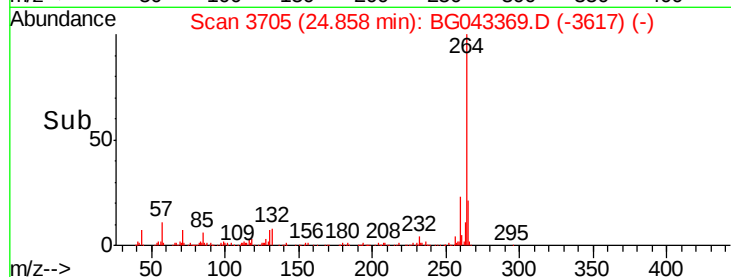
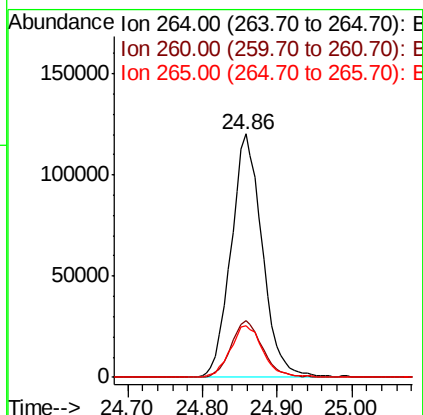
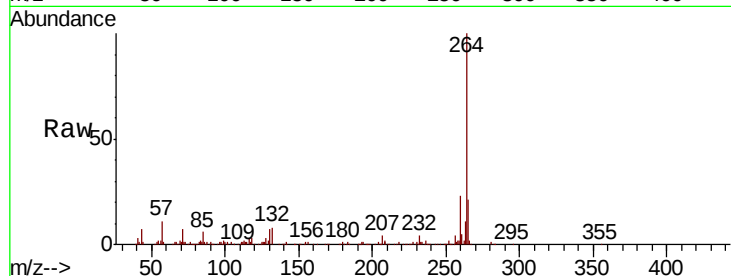




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

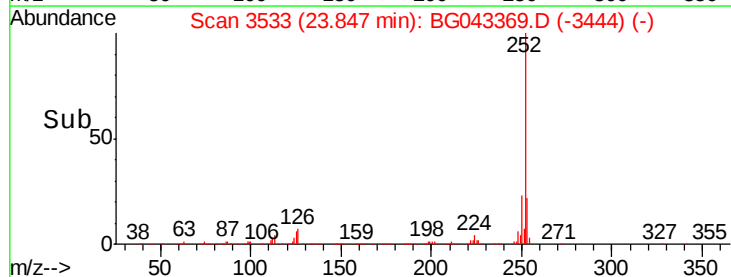
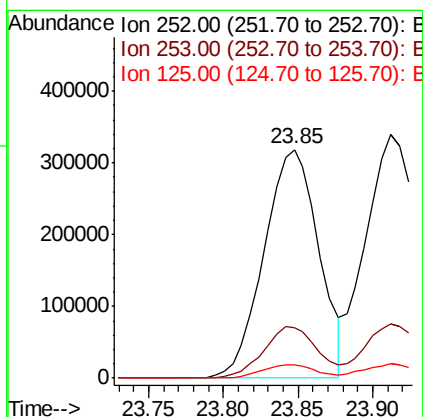
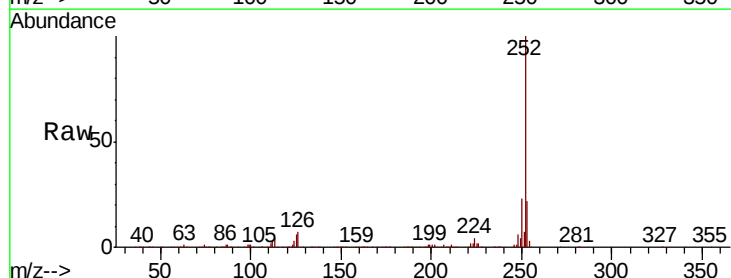
Instrument :
BNA_G
ClientSampleId :

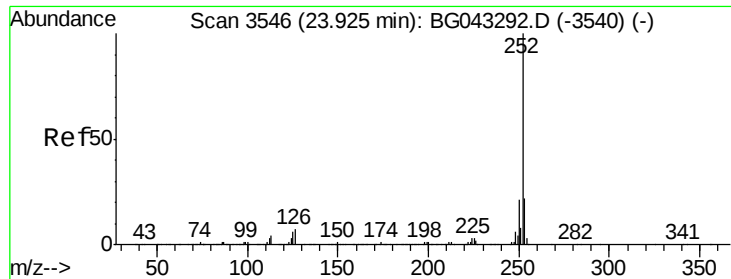
Tot Ion:264 Resp: 349801
Ion Ratio Lower Upper
264 100
260 23.1 17.9 26.9
265 21.3 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 41.091 ng
RT: 23.85 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion:252 Resp: 814082
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 5.7 5.0 7.6

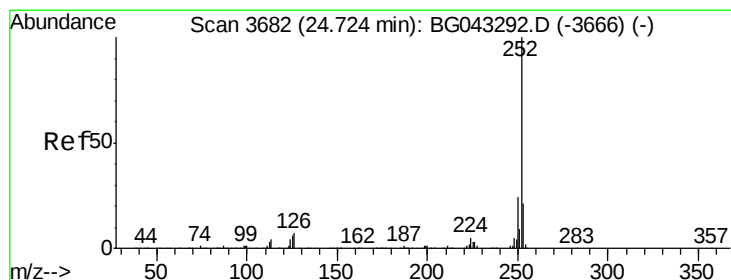
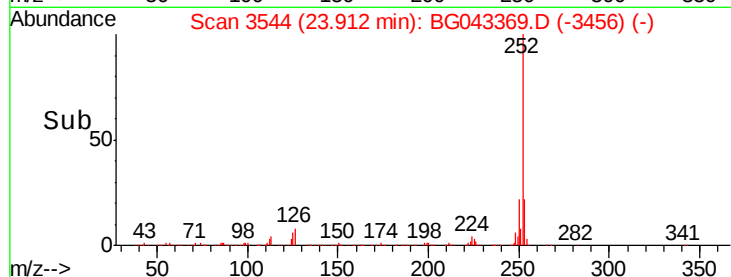
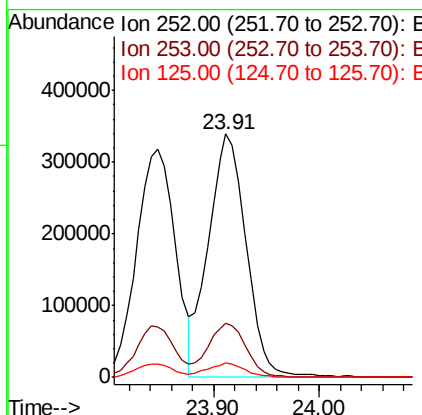
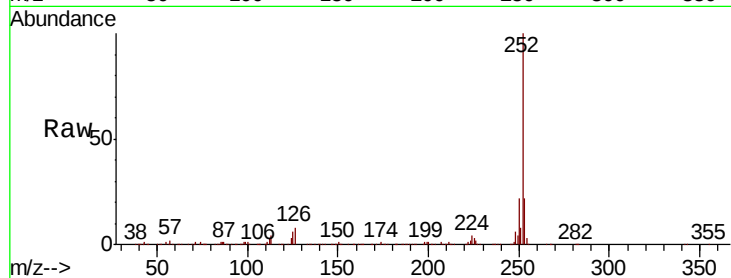




#89
Benzo(k)fluoranthene
Concen: 42.030 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

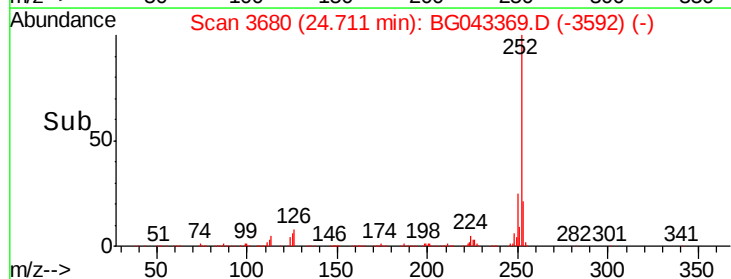
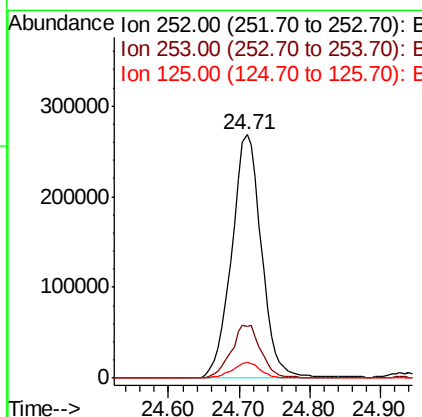
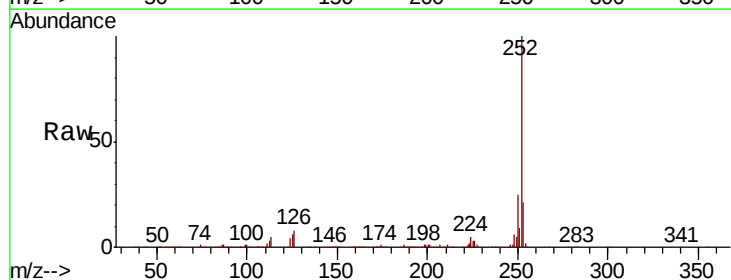
Instrument :
BNA_G
ClientSampled :

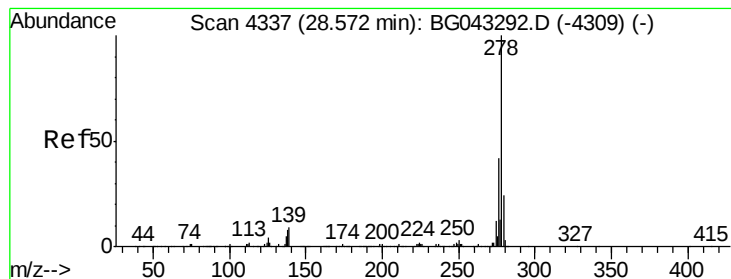
Tot Ion:252 Resp: 838276
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 5.9 4.5 6.7



#90
Benzo(a)pyrene
Concen: 41.580 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043369.D
Acq: 29 Oct 2019 11:35

Tgt Ion:252 Resp: 786636
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 6.5 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 41.881 ng

RT: 28.57 min Scan# 4336

Delta R.T. -0.01 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

Instrument :

BNA_G

ClientSampleId :

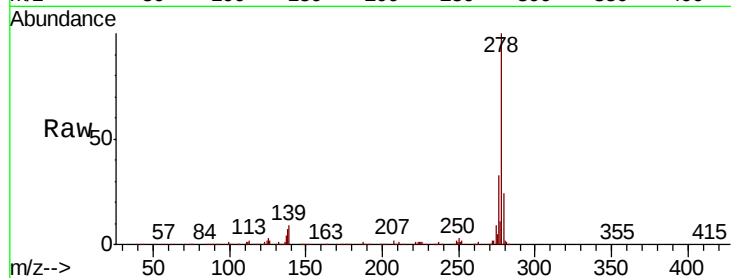
Tot Ion:278 Resp: 810448

Ion Ratio Lower Upper

278 100

139 9.1 6.8 10.2

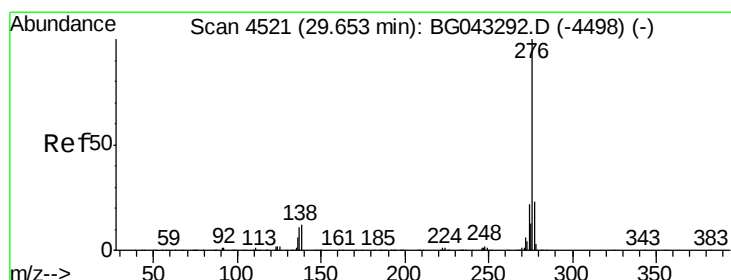
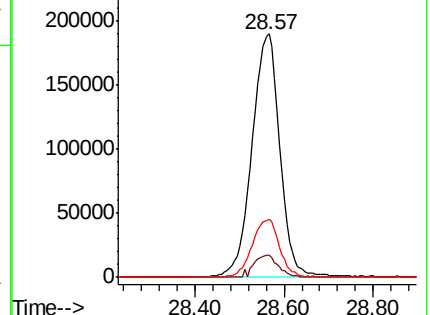
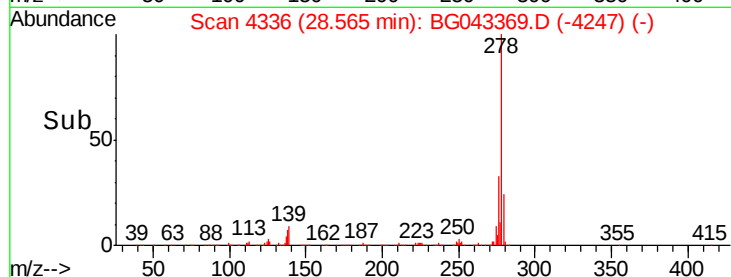
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.570 ng

RT: 29.63 min Scan# 4518

Delta R.T. -0.02 min

Lab File: BG043369.D

Acq: 29 Oct 2019 11:35

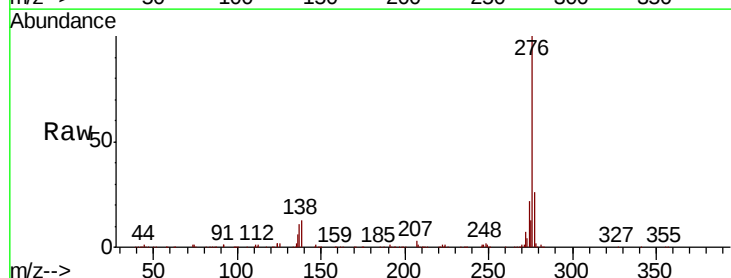
Tgt Ion:276 Resp: 793479

Ion Ratio Lower Upper

276 100

277 25.6 18.3 27.5

138 12.7 9.3 13.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

