

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043371.D
 Acq On : 29 Oct 2019 12:52
 Operator : JU
 Sample : PB124325BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:20:33 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	35331	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	142025	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	106441	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	246728	20.00	ng	0.00
76) Chrysene-d12	21.66	240	286965	20.00	ng	0.00
87) Perylene-d12	24.86	264	335676	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	243467	126.27	ng	0.00
7) Phenol-d6	7.22	99	320149	115.41	ng	0.01
23) Nitrobenzene-d5	9.18	82	163751	59.44	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	206454	101.92	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	451532	58.62	ng	0.00
79) Terphenyl-d14	20.01	244	903311	59.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	29252	38.932	ng	# 96
3) Pyridine	3.89	79	69352	36.591	ng	96
4) n-Nitrosodimethylamine	3.80	42	41775	43.679	ng	90
6) Aniline	7.35	93	101348	31.715	ng	96
8) 2-Chlorophenol	7.60	128	97585	45.850	ng	96
9) Benzaldehyde	7.16	77	56893	41.732	ng	90
10) Phenol	7.24	94	112071	44.211	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	78513	40.061	ng	96
12) 1,3-Dichlorobenzene	7.91	146	105090	39.409	ng	94
13) 1,4-Dichlorobenzene	8.06	146	108769	40.314	ng	99
14) 1,2-Dichlorobenzene	8.38	146	103942	39.457	ng	99
15) Benzyl Alcohol	8.27	79	80429	41.283	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	106843	37.492	ng	96
17) 2-Methylphenol	8.48	107	81584	44.148	ng	93
18) Hexachloroethane	9.11	117	37988	39.025	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	69545	38.797	ng	98
20) 3+4-Methylphenols	8.81	107	106016	41.837	ng	94
22) Acetophenone	8.84	105	137650	37.846	ng	# 98
24) Nitrobenzene	9.22	77	104894	39.970	ng	98
25) Isophorone	9.75	82	198288	39.369	ng	96
26) 2-Nitrophenol	9.94	139	55208	43.575	ng	97
27) 2,4-Dimethylphenol	10.01	122	88518	48.746	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	106239	38.218	ng	98
29) 2,4-Dichlorophenol	10.49	162	101321	43.548	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	114833	39.159	ng	96
31) Naphthalene	10.88	128	297394	41.253	ng	98
32) Benzoic acid	10.17	122	41958	33.605	ng	95
33) 4-Chloroaniline	11.00	127	64007	21.660	ng	98
34) Hexachlorobutadiene	11.16	225	80715	37.235	ng	97
35) Caprolactam	11.76	113	13218	16.495	ng	# 76
36) 4-Chloro-3-methylphenol	12.13	107	106523	41.973	ng	98
37) 2-Methylnaphthalene	12.48	142	226982	41.035	ng	94
38) 1-Methylnaphthalene	12.70	142	214523	40.761	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	145316	36.889	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	172635	83.427	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	91342	39.374	nq	95
44) 2,4,5-Trichlorophenol	13.18	196	96508	41.149	nq	98
46) 1,1'-Biphenyl	13.48	154	298476	36.860	nq	99
47) 2-Chloronaphthalene	13.53	162	232857	37.795	nq	98
48) 2-Nitroaniline	13.74	65	67635	36.730	nq	94
49) Acenaphthylene	14.37	152	371351	38.727	nq	97
50) Dimethylphthalate	14.11	163	299214	36.292	nq	99
51) 2,6-Dinitrotoluene	14.22	165	68465	38.225	nq	98
52) Acenaphthene	14.72	154	221698	37.913	nq	98
53) 3-Nitroaniline	14.56	138	43974	25.429	nq	95
54) 2,4-Dinitrophenol	14.77	184	65457	60.479	nq	97
55) Dibenzofuran	15.05	168	370793	39.101	nq	98
56) 4-Nitrophenol	14.89	139	95155	82.111	nq	94
57) 2,4-Dinitrotoluene	15.01	165	96641	37.755	nq	96
58) Fluorene	15.70	166	305648	38.430	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	100576	40.363	nq	# 97
60) Diethylphthalate	15.46	149	302033	36.460	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	172946	37.274	nq	95
62) 4-Nitroaniline	15.73	138	63335	35.463	nq	99
63) Azobenzene	15.98	77	250477	37.360	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	55567	38.269	nq	95
66) n-Nitrosodiphenylamine	15.91	169	268286	38.515	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	121460	36.580	nq	98
68) Hexachlorobenzene	16.70	284	140189	36.781	nq	98
69) Atrazine	16.85	200	115123	47.563	nq	98
70) Pentachlorophenol	17.06	266	146868	84.566	nq	94
71) Phenanthrene	17.44	178	491367	38.891	nq	99
72) Anthracene	17.53	178	506939	40.103	nq	99
73) Carbazole	17.80	167	448878	39.213	nq	99
74) Di-n-butylphthalate	18.35	149	535836	38.578	nq	99
75) Fluoranthene	19.45	202	664795	40.361	nq	99
77) Benzidine	19.63	184	297608	51.532	nq	98
78) Pyrene	19.81	202	668853	37.655	nq	99
80) Butylbenzylphthalate	20.69	149	248720	36.959	nq	97
81) Benzo(a)anthracene	21.65	228	694347	38.628	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	207854	29.896	nq	98
83) Chrysene	21.71	228	677364	37.927	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	367893	38.485	nq	98
85) Di-n-octyl phthalate	22.74	149	630574	38.880	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	878956	39.207	nq	# 97
88) Benzo(b)fluoranthene	23.84	252	736154	38.721	nq	98
89) Benzo(k)fluoranthene	23.91	252	738756	38.599	nq	99
90) Benzo(a)pyrene	24.71	252	682351	37.585	nq	98
91) Dibenzo(a,h)anthracene	28.56	278	740797	39.893	nq	99
92) Benzo(g,h,i)perylene	29.64	276	742344	40.527	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

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BNA_G

ClientSampleId :

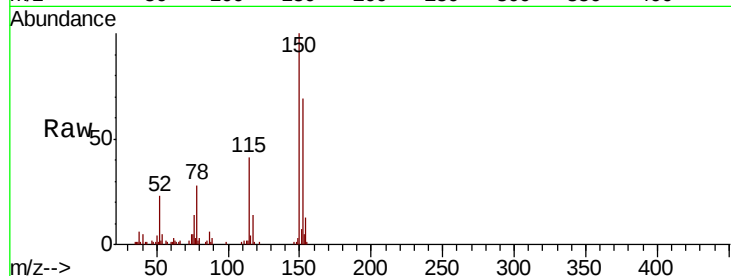
Tot Ion:152 Resp: 35331

Ion Ratio Lower Upper

152 100

150 144.5 113.6 170.4

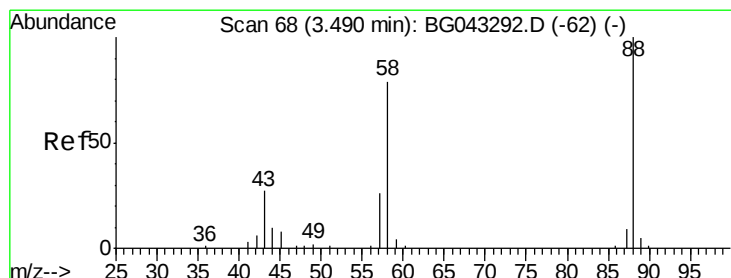
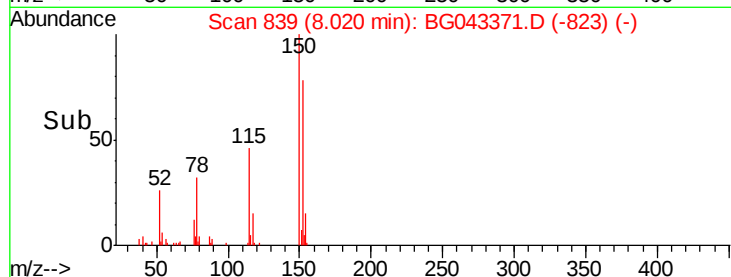
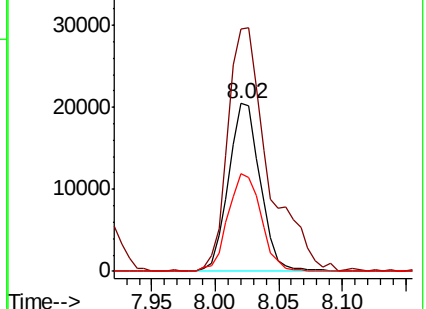
115 58.5 45.9 68.9



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: 38.932 ng

RT: 3.49 min Scan# 68

Delta R.T. 0.00 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

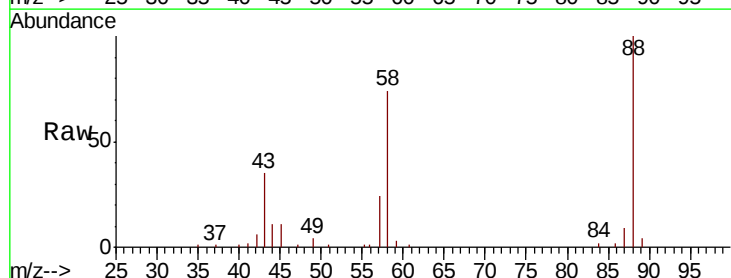
Tgt Ion: 88 Resp: 29252

Ion Ratio Lower Upper

88 100

58 76.4 60.2 90.2

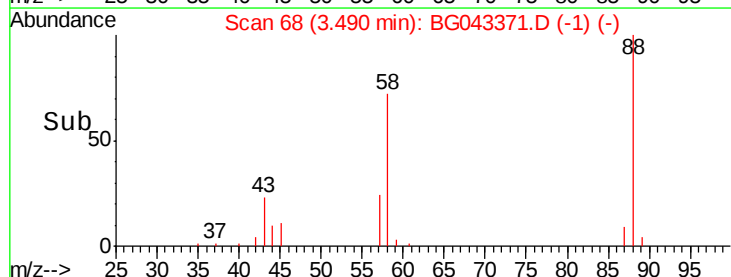
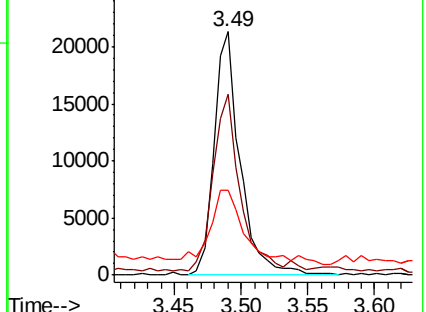
43 34.3 22.7 34.1#

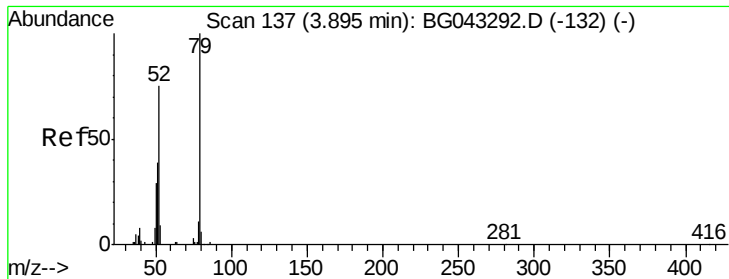


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.591 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampled :

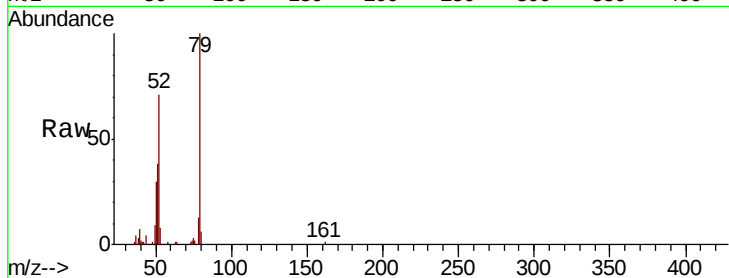
Tot Ion: 79 Resp: 69352

Ion Ratio Lower Upper

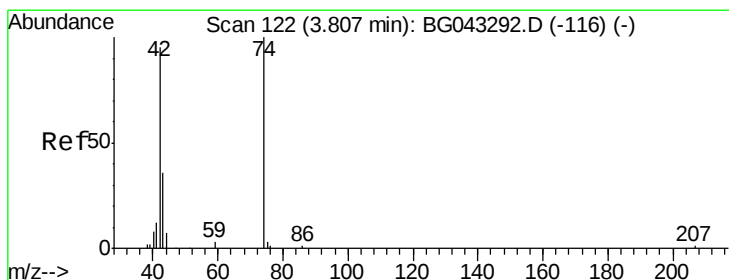
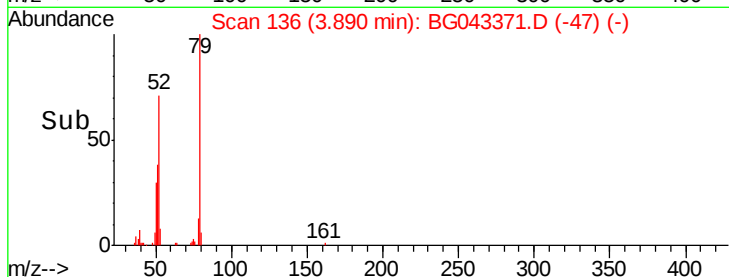
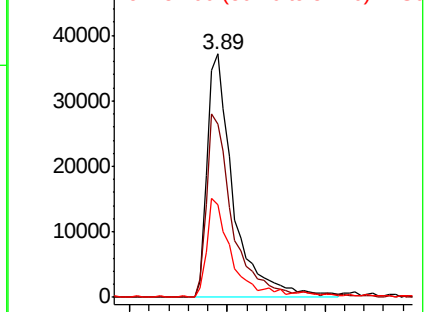
79 100

52 71.1 59.7 89.5

51 38.3 31.8 47.6



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



#4

n-Nitrosodimethylamine

Concen: 43.679 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

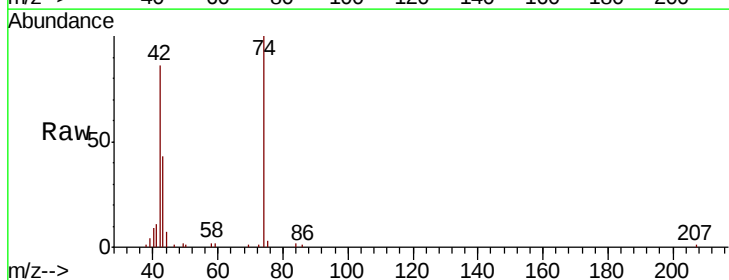
Tgt Ion: 42 Resp: 41775

Ion Ratio Lower Upper

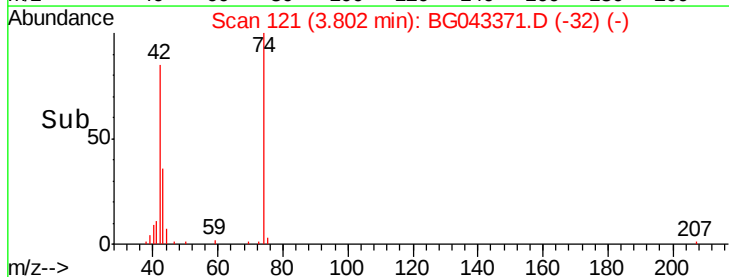
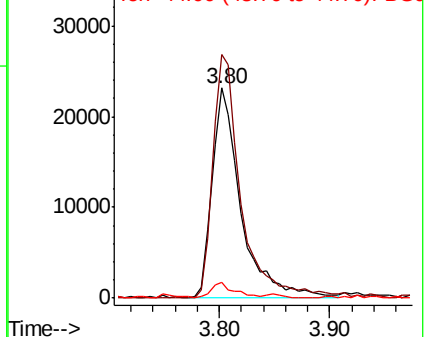
42 100

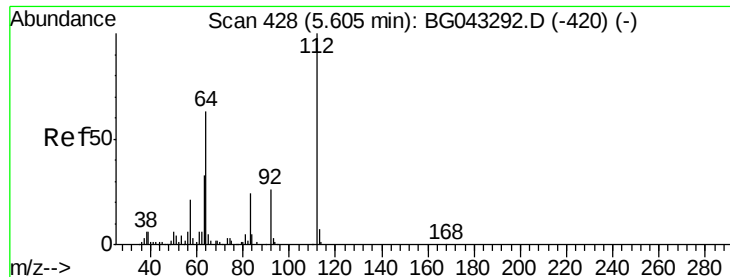
74 116.1 84.2 126.2

44 7.6 6.0 9.0



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





#5

2-Fluorophenol

Concen: 126.274 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

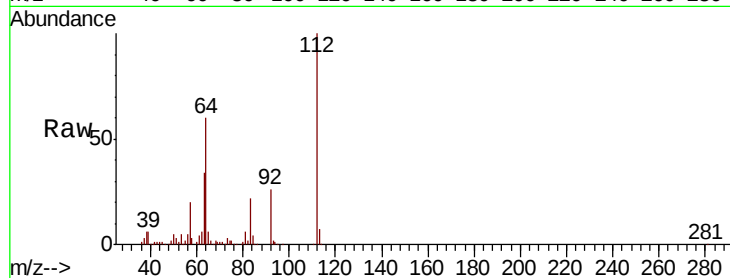
Tot Ion:112 Resp: 243467

Ion Ratio Lower Upper

112 100

64 59.7 50.2 75.2

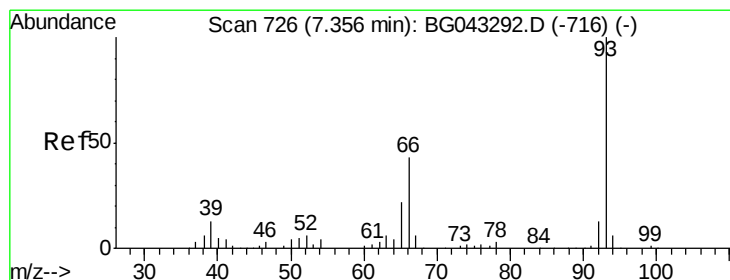
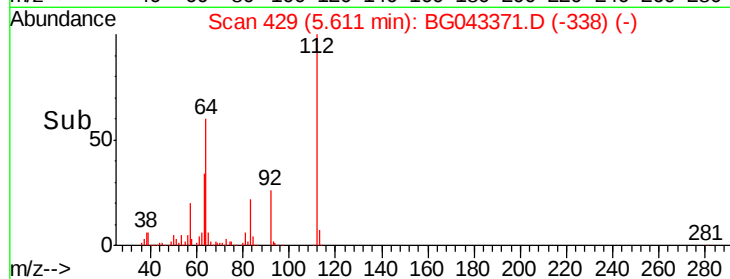
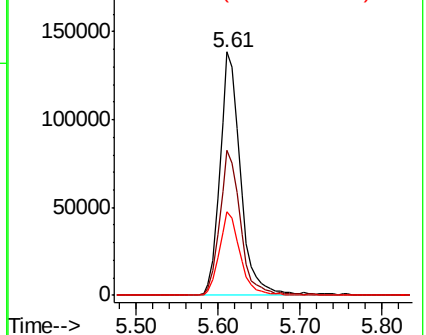
63 34.2 26.7 40.1



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: 31.715 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

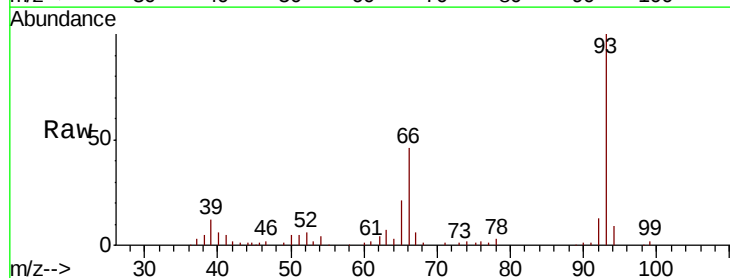
Tgt Ion: 93 Resp: 101348

Ion Ratio Lower Upper

93 100

66 45.7 34.5 51.7

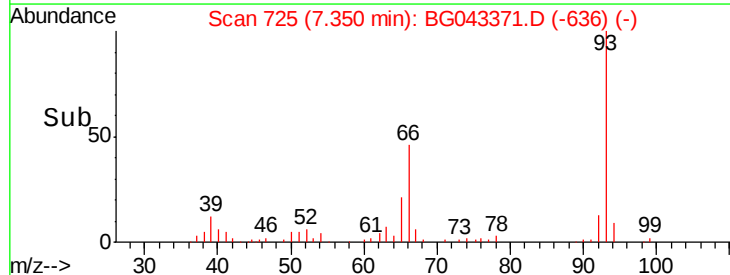
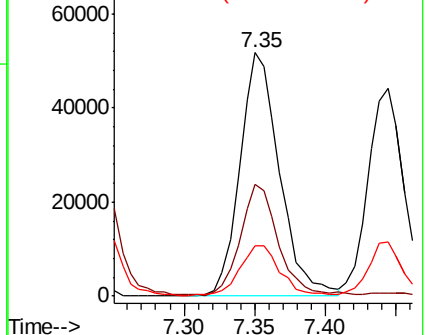
65 20.8 18.0 27.0



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: 115.409 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

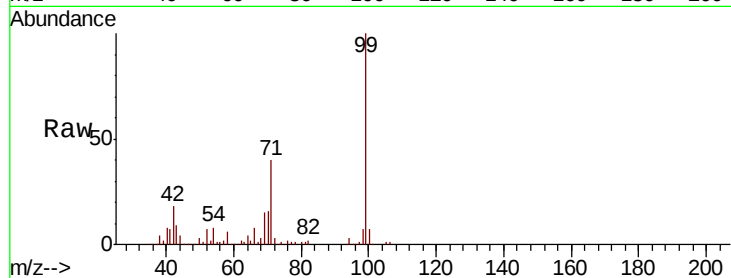
Tot Ion: 99 Resp: 320149

Ion Ratio Lower Upper

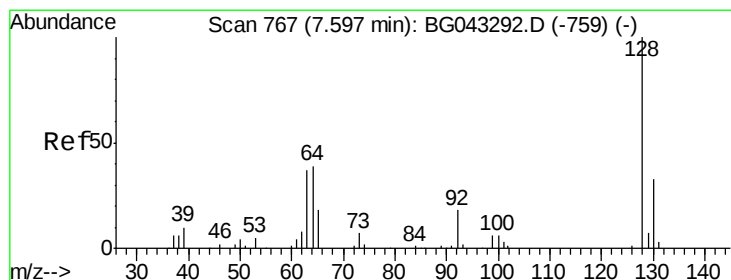
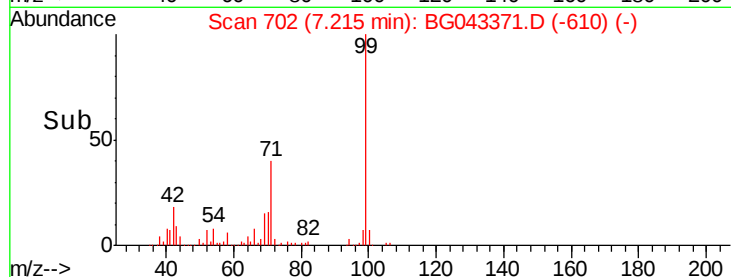
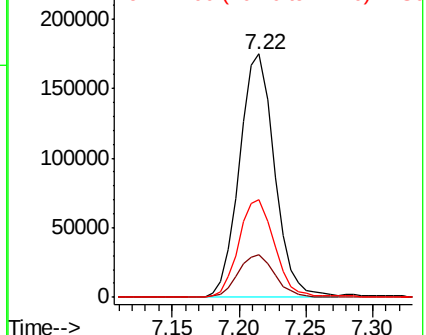
99 100

42 17.7 14.9 22.3

71 39.9 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: 45.850 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

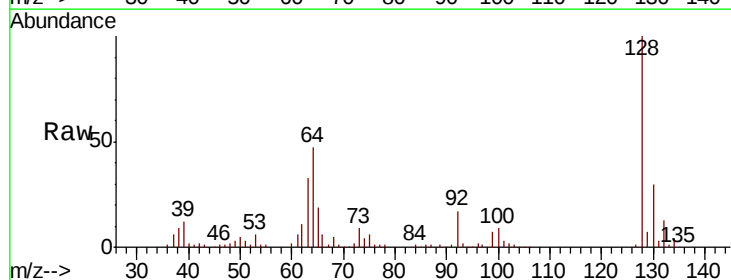
Tgt Ion: 128 Resp: 97585

Ion Ratio Lower Upper

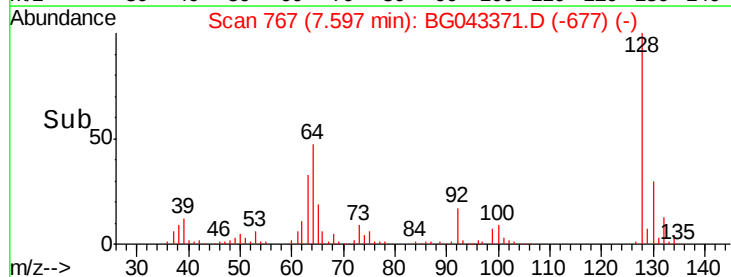
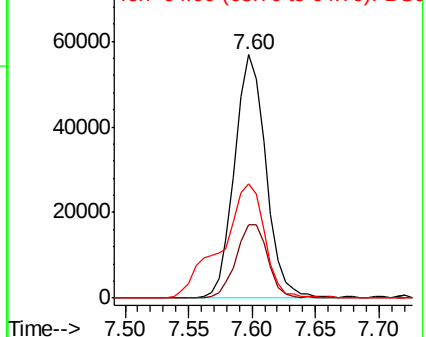
128 100

130 30.2 12.9 52.9

64 47.2 24.9 64.9



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





#9

Benzaldehyde

Concen: 41.732 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

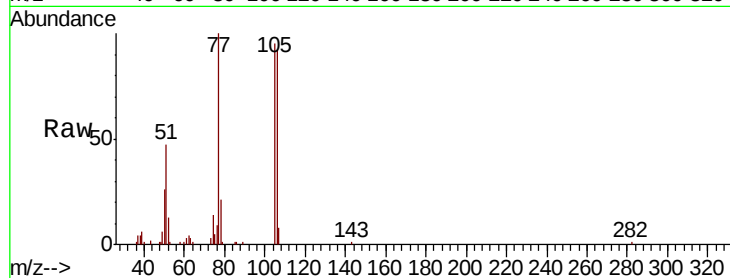
Tot Ion: 77 Resp: 56893

Ion Ratio Lower Upper

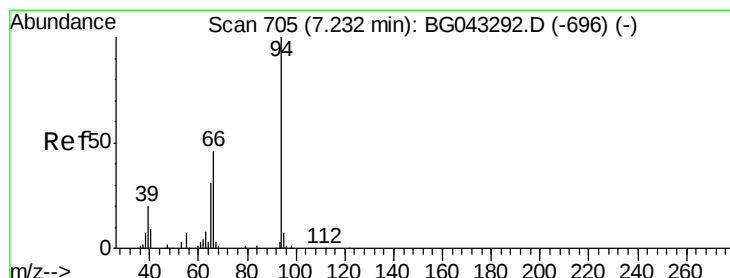
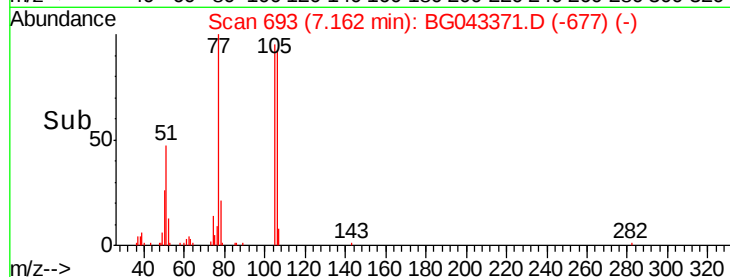
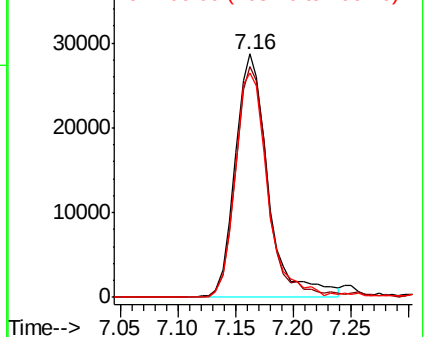
77 100

105 94.9 68.7 108.7

106 91.9 60.5 100.5



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



#10

Phenol

Concen: 44.211 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

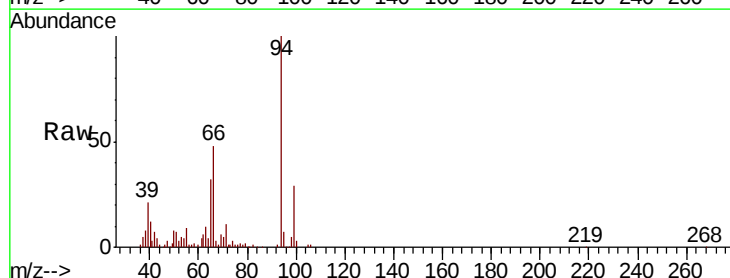
Tgt Ion: 94 Resp: 112071

Ion Ratio Lower Upper

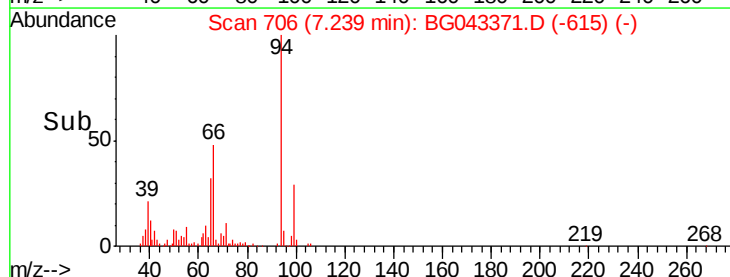
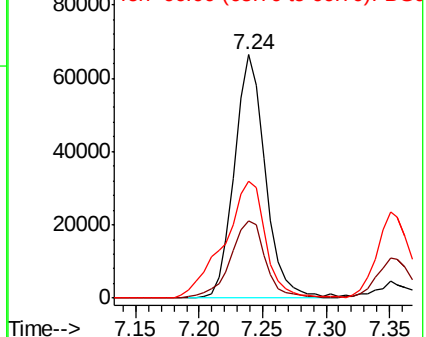
94 100

65 31.9 11.1 51.1

66 48.0 27.8 67.8



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

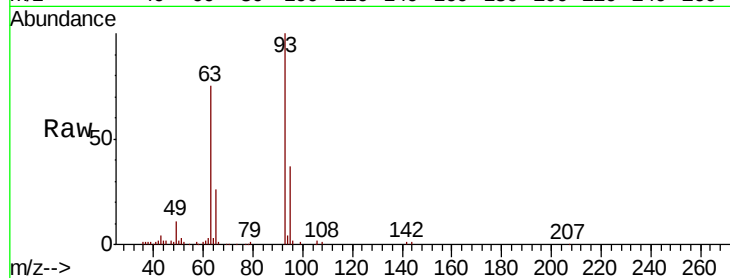




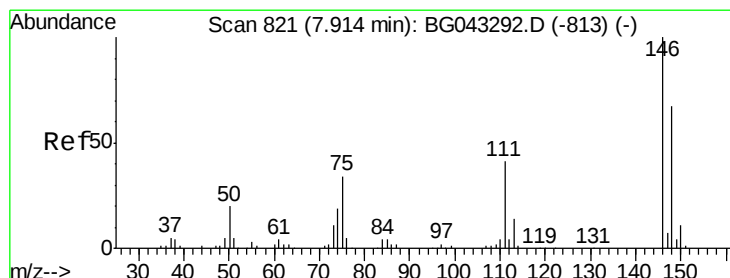
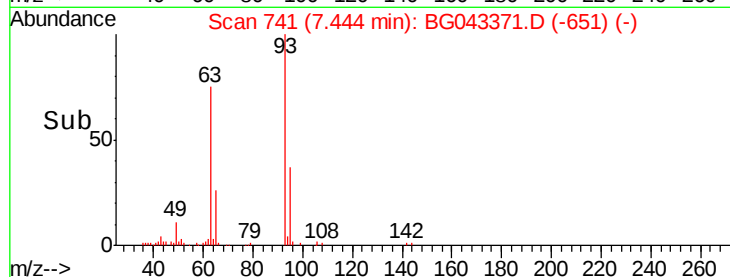
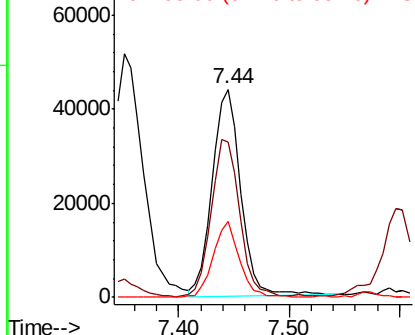
#11
bis(2-Chloroethyl)ether
Concen: 40.061 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 78513
Ion Ratio Lower Upper
93 100
63 74.9 54.6 94.6
95 36.6 9.7 49.7

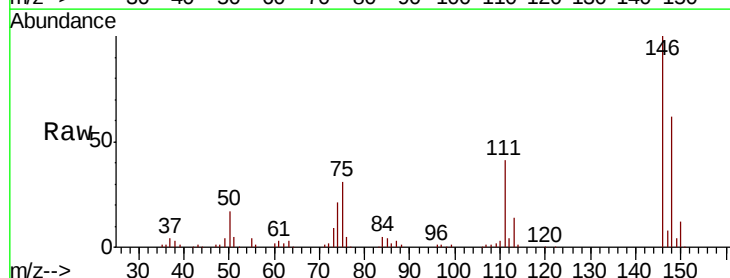


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

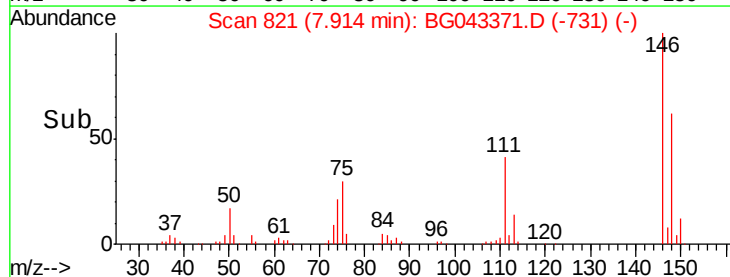
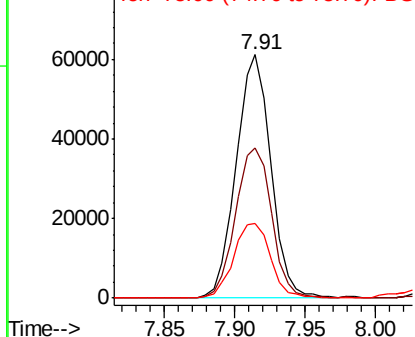


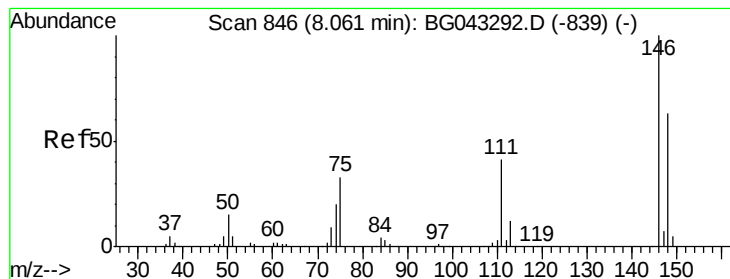
#12
1,3-Dichlorobenzene
Concen: 39.409 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Tgt Ion: 146 Resp: 105090
Ion Ratio Lower Upper
146 100
148 61.8 53.4 80.2
75 30.8 27.0 40.4



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 40.314 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

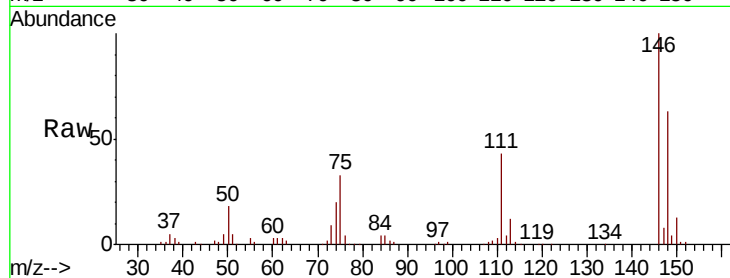
Tot Ion:146 Resp: 108769

Ion Ratio Lower Upper

146 100

148 63.1 50.7 76.1

111 43.3 33.0 49.6

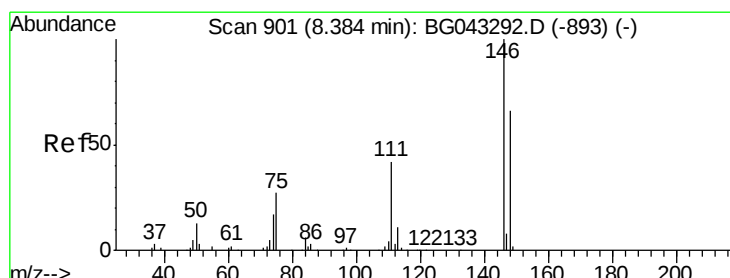
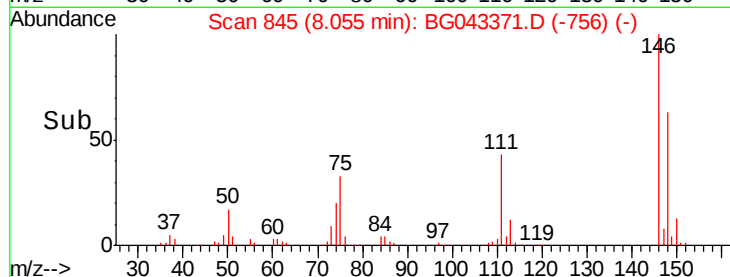
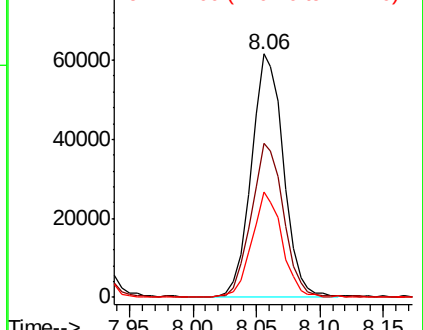


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.457 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

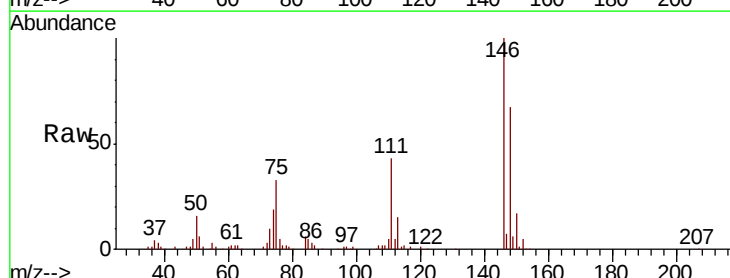
Tgt Ion:146 Resp: 103942

Ion Ratio Lower Upper

146 100

148 66.8 53.0 79.4

111 42.8 34.5 51.7

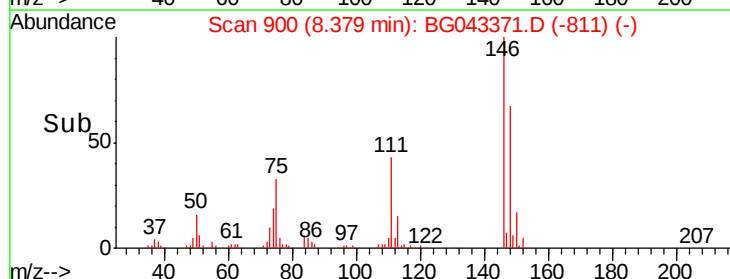
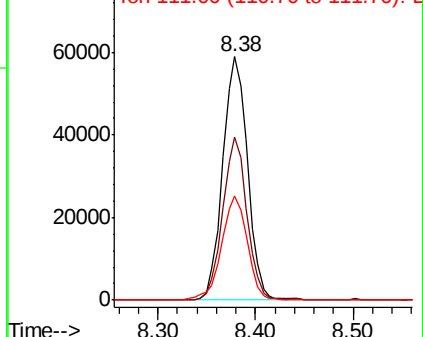


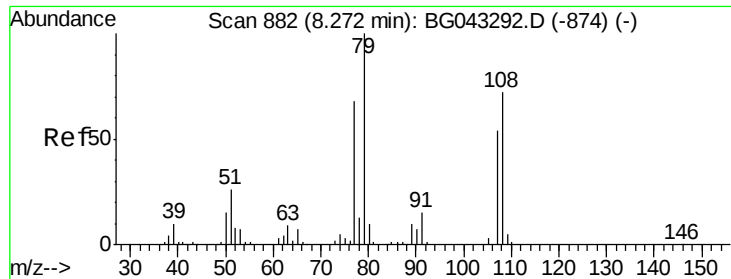
Abundance

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: 41.283 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampled :

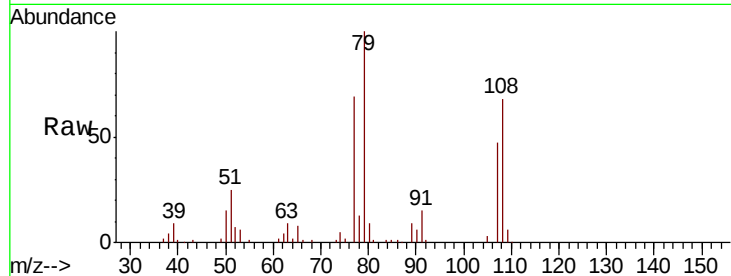
Tot Ion: 79 Resp: 80429

Ion Ratio Lower Upper

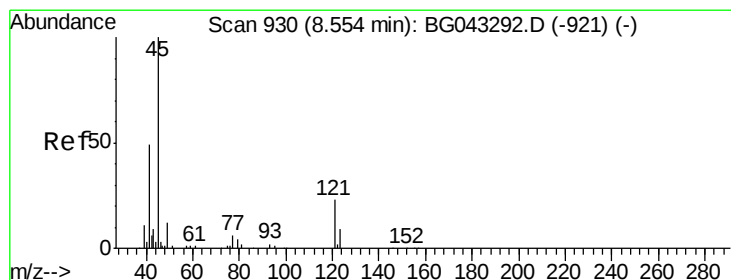
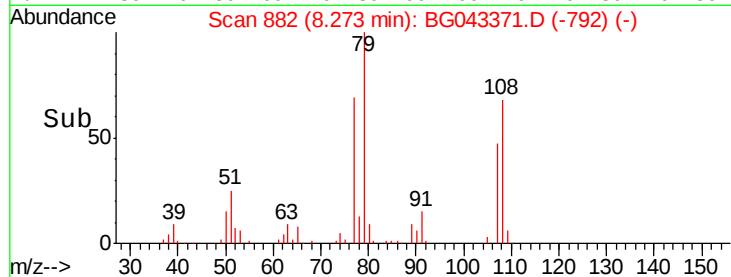
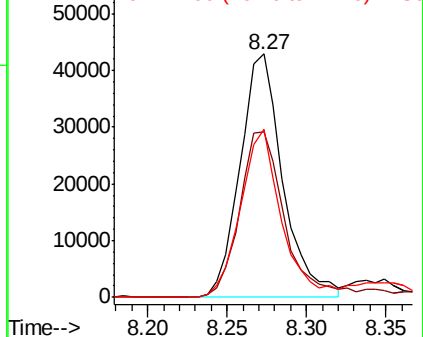
79 100

108 67.9 57.3 85.9

77 69.3 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: 37.492 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

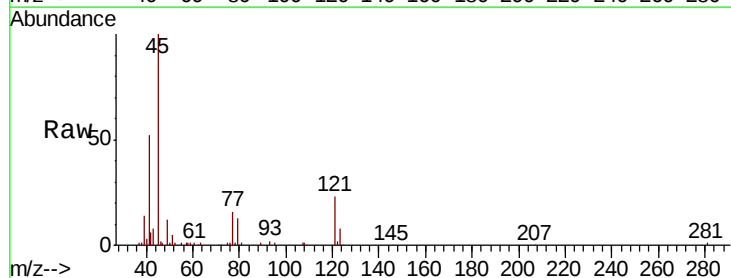
Tgt Ion: 45 Resp: 106843

Ion Ratio Lower Upper

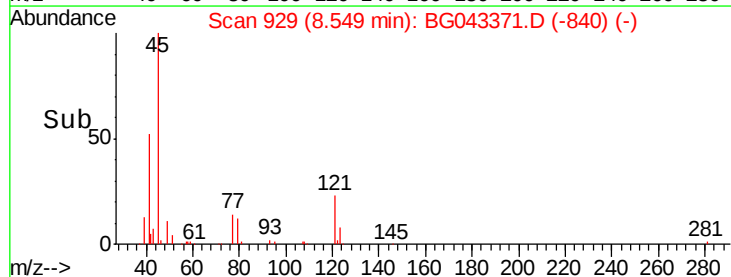
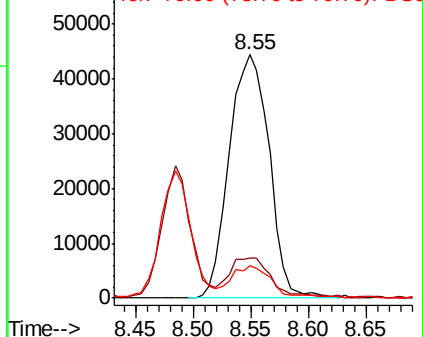
45 100

77 16.4 0.0 34.2

79 13.1 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: 44.148 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 81584

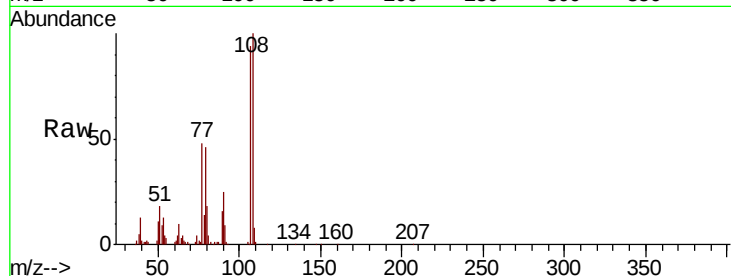
Ion Ratio Lower Upper

107 100

108 106.4 91.3 136.9

77 51.0 43.0 64.6

79 48.7 43.4 65.2



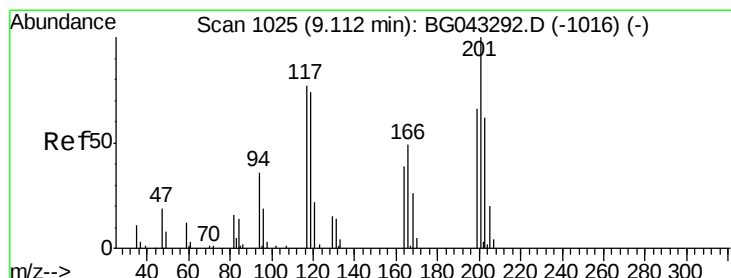
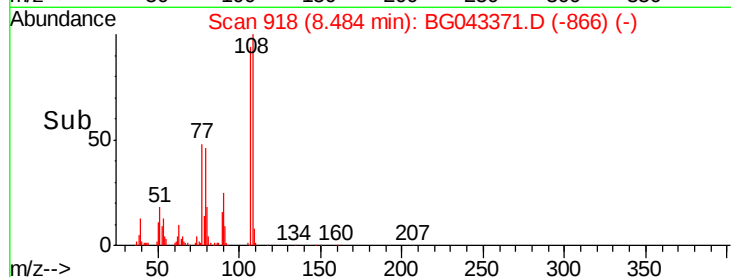
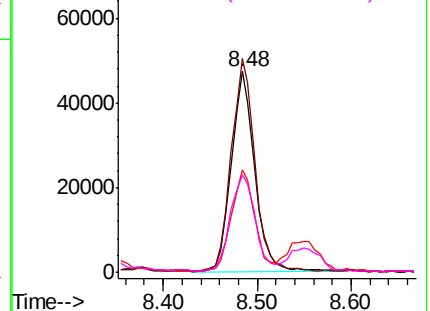
Abundance

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: 39.025 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

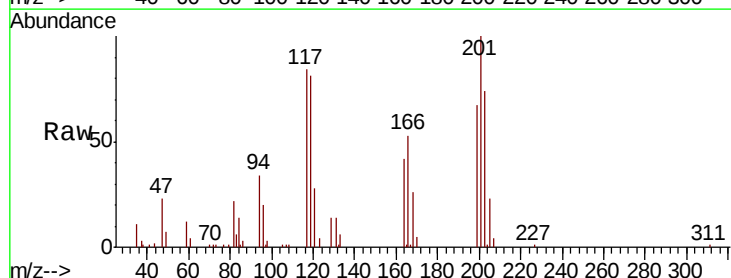
Tgt Ion:117 Resp: 37988

Ion Ratio Lower Upper

117 100

119 96.9 77.3 115.9

201 119.6 104.2 156.4

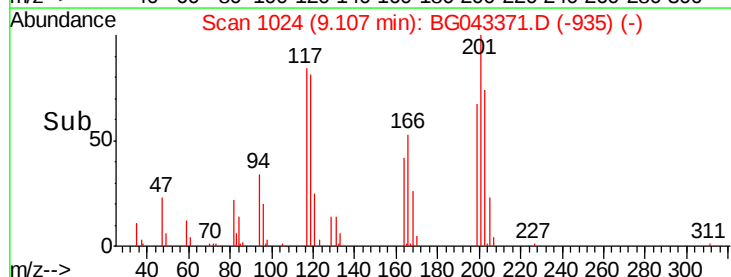
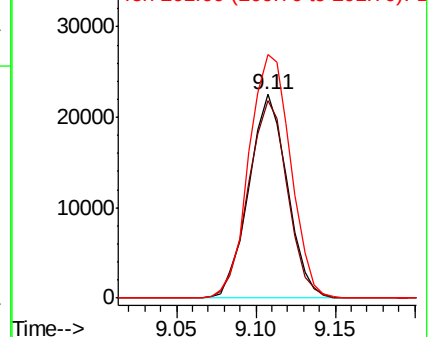


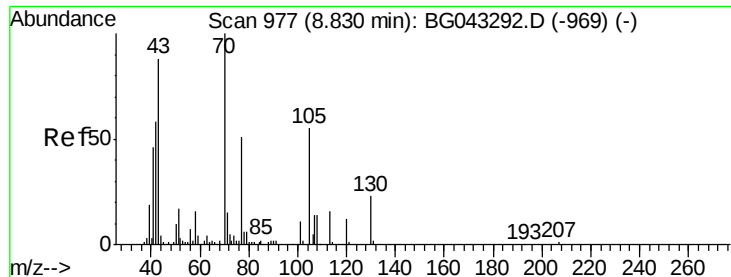
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

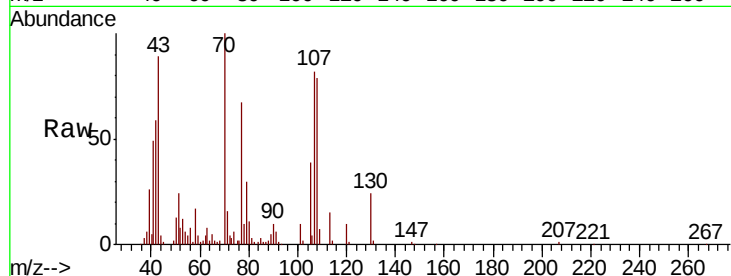




#19
n-Nitroso-di-n-propylamine
Concen: 38.797 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	69545
Ion	Ratio	Lower	Upper
70	100		
42	59.3	46.2	69.2
101	10.4	8.6	13.0
130	24.4	18.6	27.8



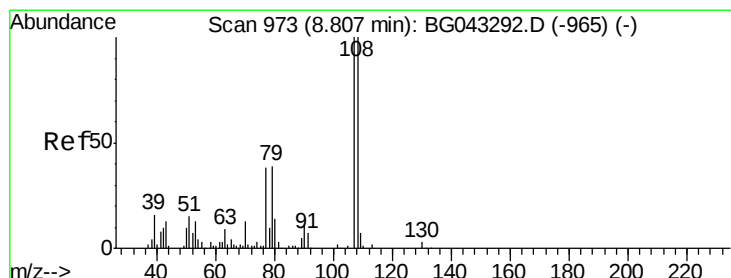
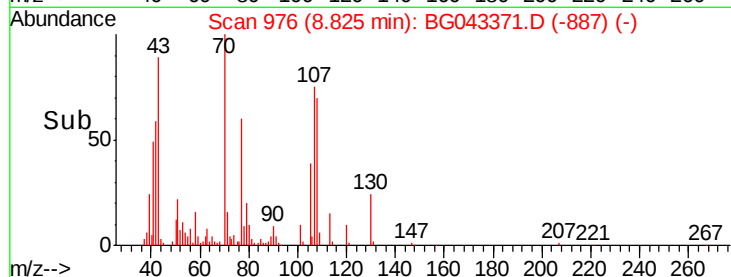
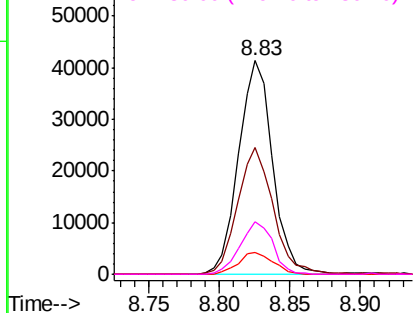
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

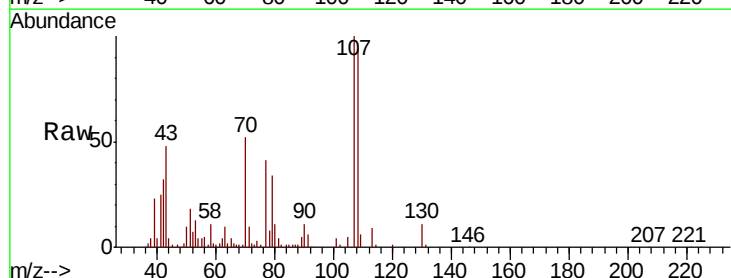
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 41.837 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Tgt Ion:	107	Resp:	106016
Ion	Ratio	Lower	Upper
107	100		
108	94.3	80.3	120.3
77	40.9	18.2	58.2
79	34.2	18.8	58.8



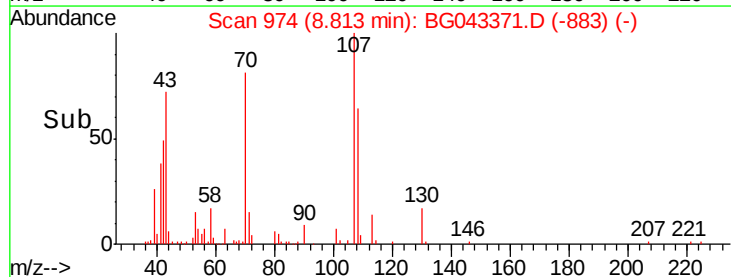
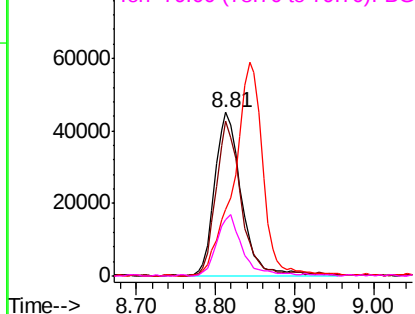
Abundance

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: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 142025

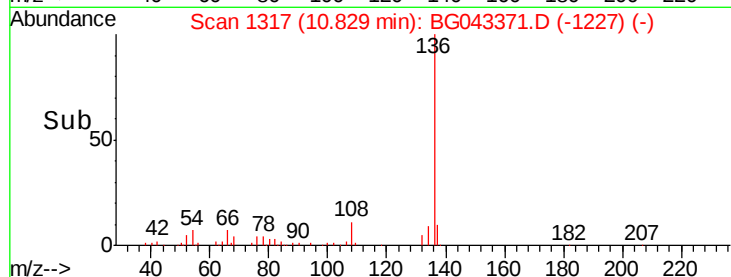
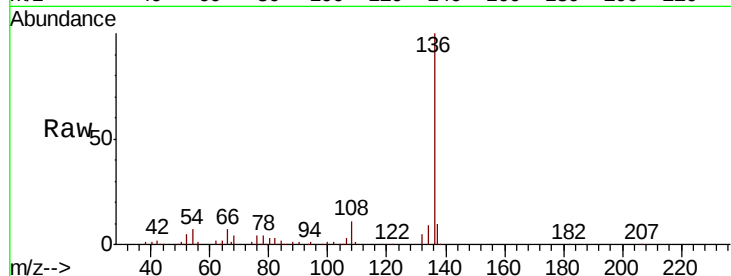
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.2

54 7.2 5.4 8.2

68 4.4 3.3 4.9

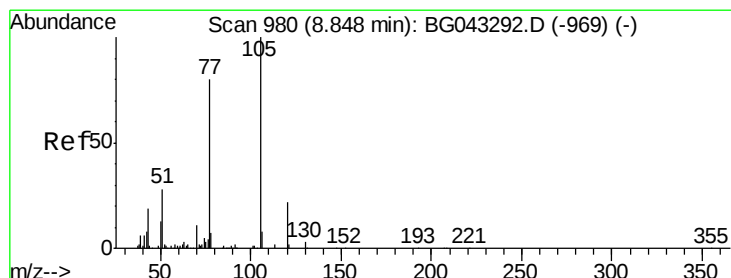
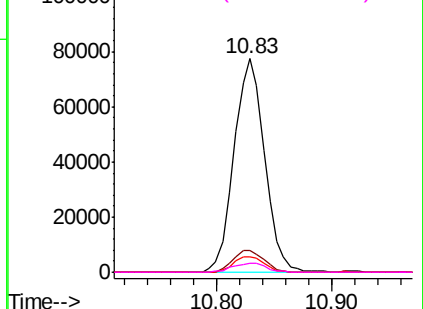


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.846 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Tgt Ion:105 Resp: 137650

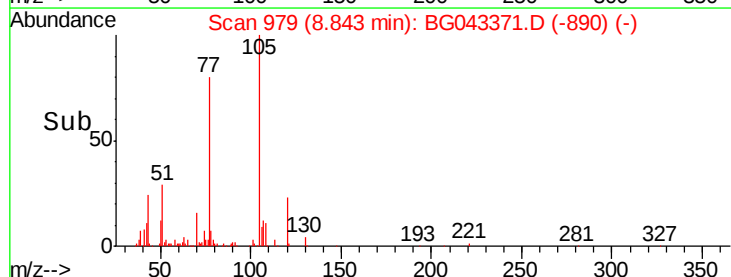
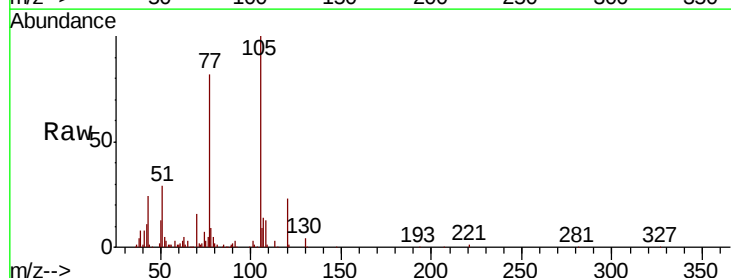
Ion Ratio Lower Upper

105 100

71 2.4 1.5 2.3#

51 29.5 23.9 35.9

120 23.4 17.3 25.9

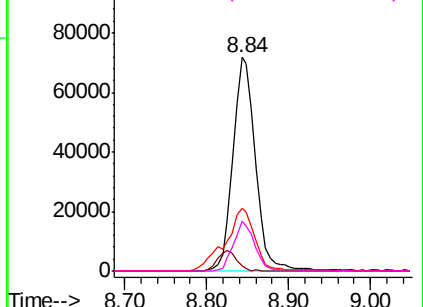


Abundance Ion 105.00 (104.70 to 105.70): E

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

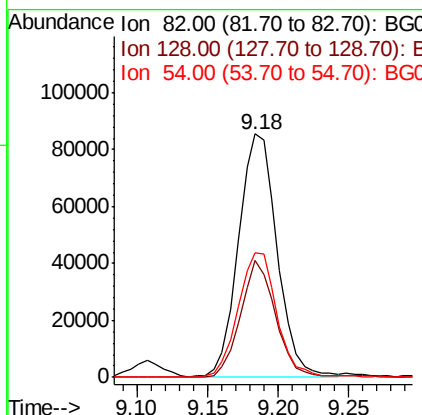
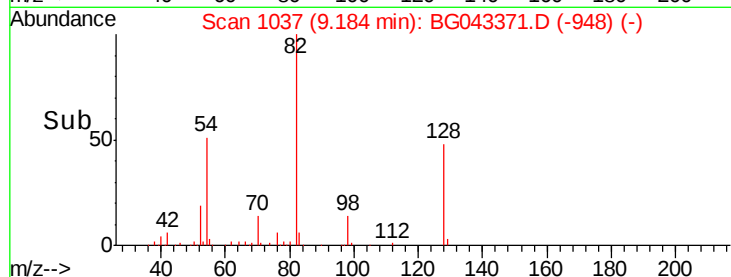
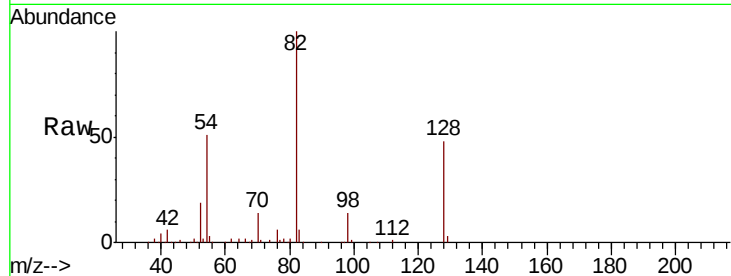




#23
Nitrobenzene-d5
Concen: 59.441 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

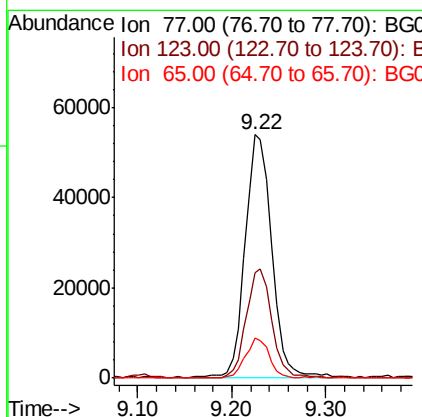
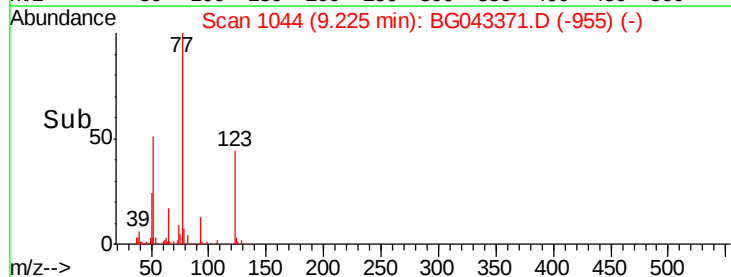
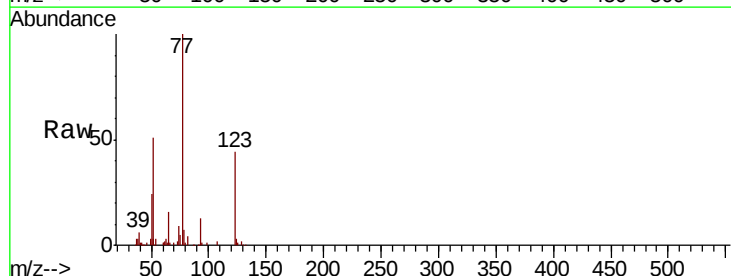
Instrument :
BNA_G
ClientSampleId :

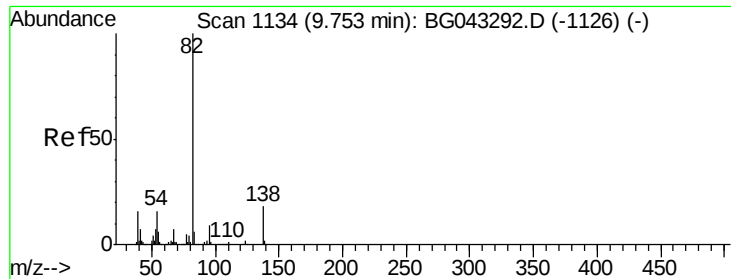
Tot Ion	82	Resp	163751
Ion Ratio	100	Lower	Upper
128	48.0	35.3	52.9
54	51.2	42.3	63.5



#24
Nitrobenzene
Concen: 39.970 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Tgt Ion	77	Resp	104894
Ion Ratio	100	Lower	Upper
123	43.5	33.8	50.8
65	16.5	13.0	19.4





#25

Isophorone

Concen: 39.369 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampled :

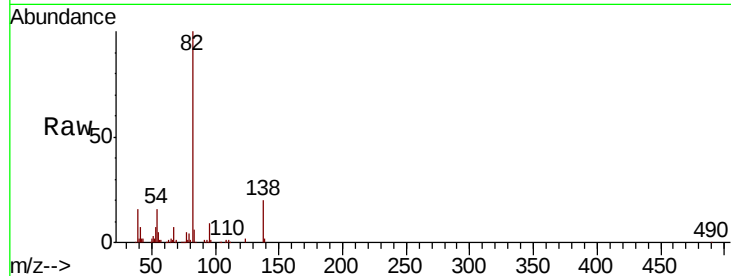
Tot Ion: 82 Resp: 198288

Ion Ratio Lower Upper

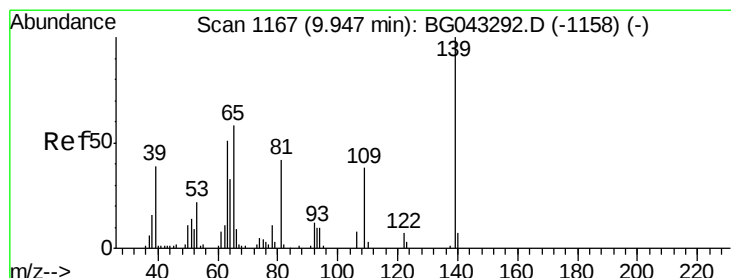
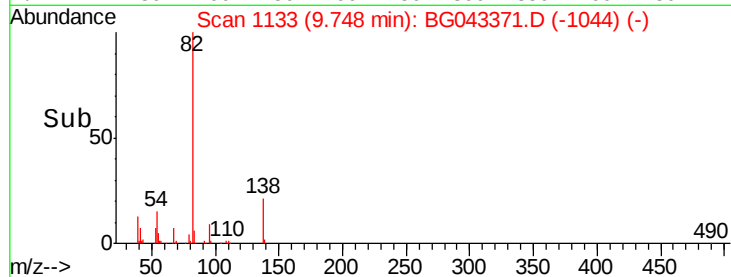
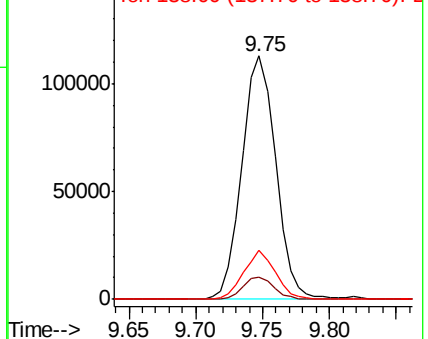
82 100

95 9.2 6.9 10.3

138 20.1 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: 43.575 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

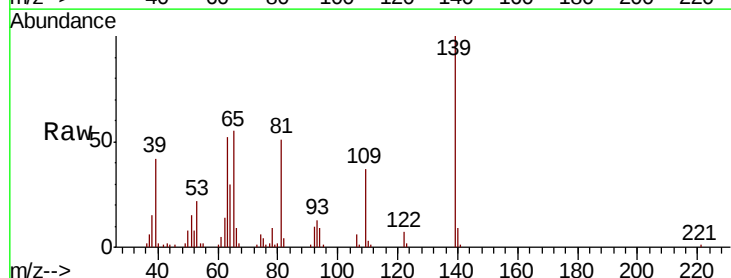
Tgt Ion: 139 Resp: 55208

Ion Ratio Lower Upper

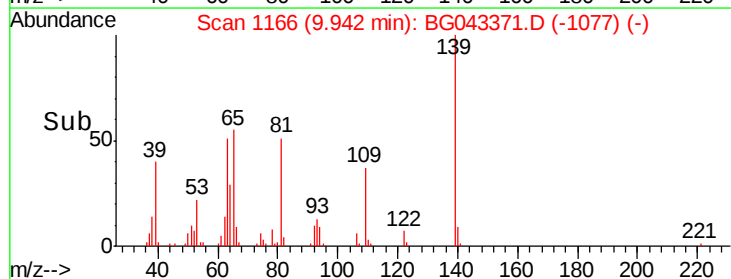
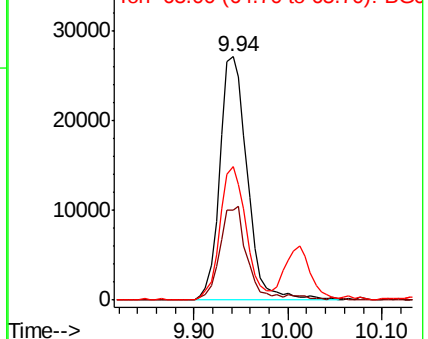
139 100

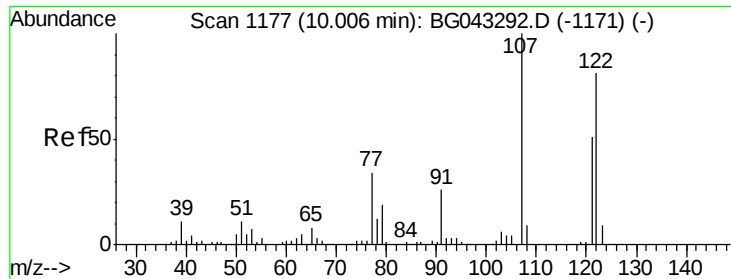
109 37.2 30.1 45.1

65 54.7 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

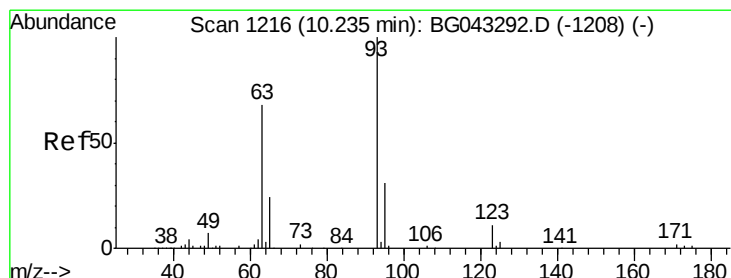
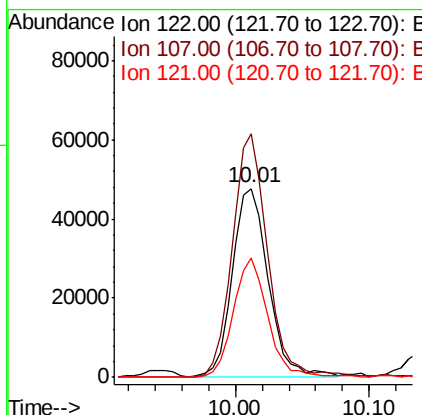
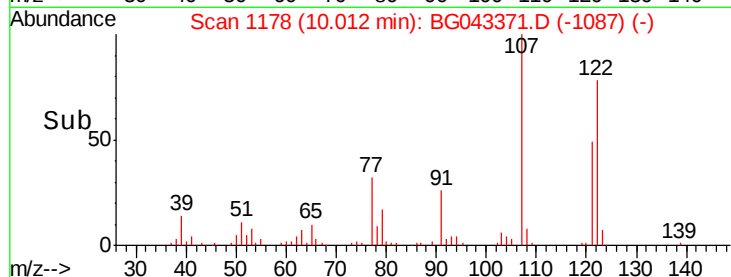
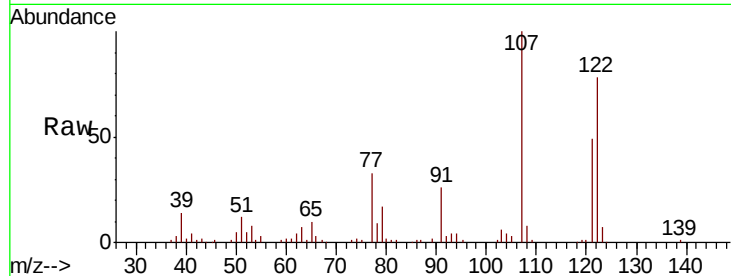




#27
 2,4-Dimethylphenol
 Concen: 48.746 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

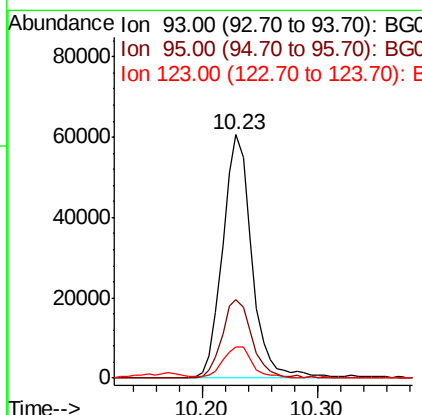
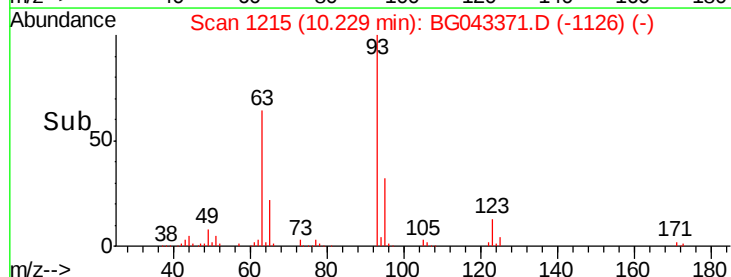
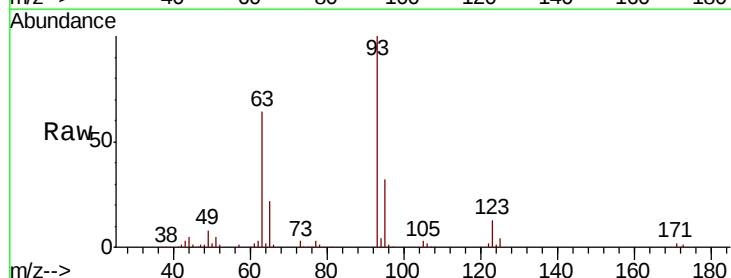
Instrument :
 BNA_G
 ClientSampleId :

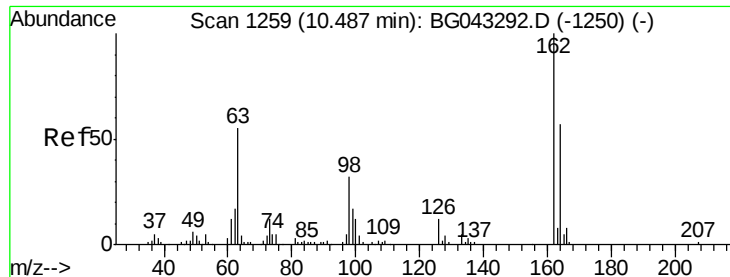
Tot Ion:122 Resp: 88518
 Ion Ratio Lower Upper
 122 100
 107 128.7 98.6 147.8
 121 63.4 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.218 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Tgt Ion: 93 Resp: 106239
 Ion Ratio Lower Upper
 93 100
 95 32.0 24.9 37.3
 123 12.6 8.9 13.3

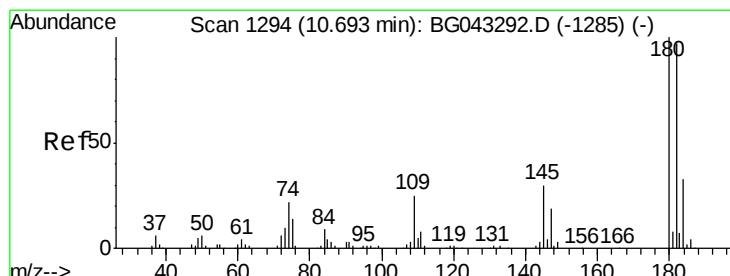
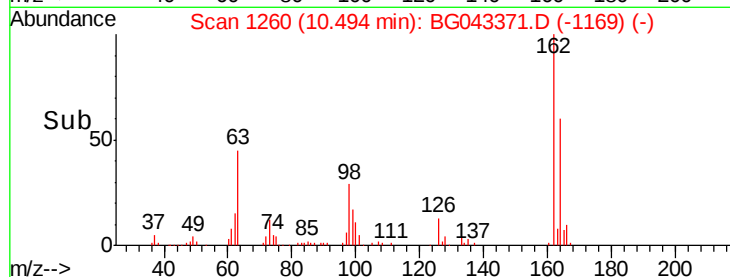
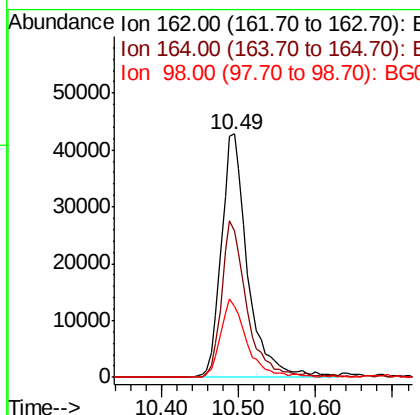
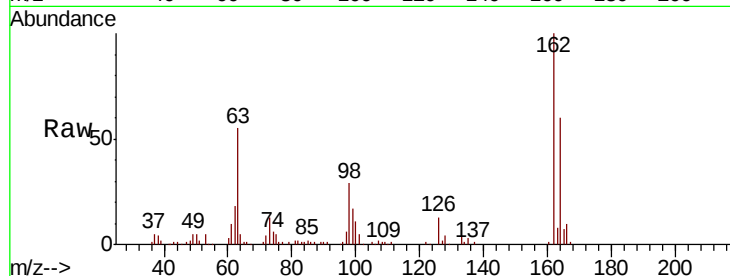




#29
 2,4-Dichlorophenol
 Concen: 43.548 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

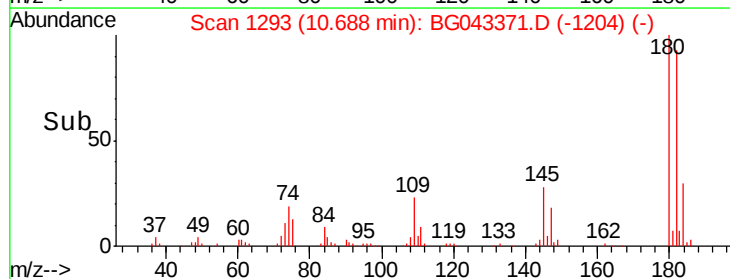
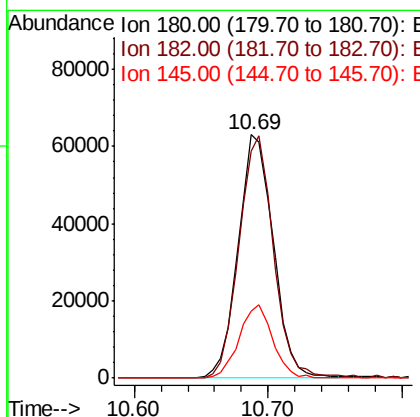
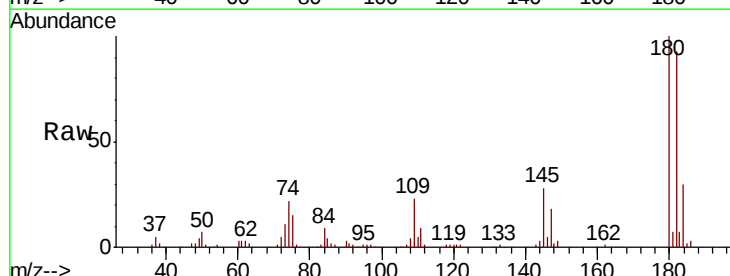
Instrument :
 BNA_G
 ClientSampled :

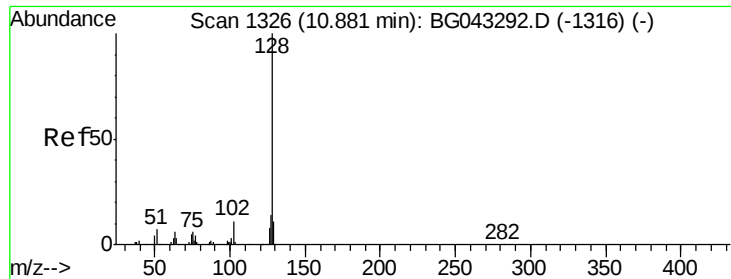
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.1	37.3	77.3
98	29.2	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.159 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	77.8	116.8
145	27.5	23.6	35.4

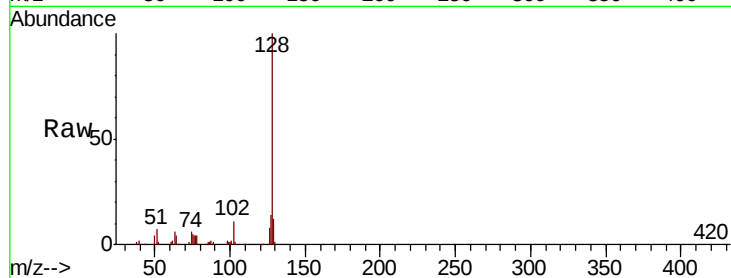




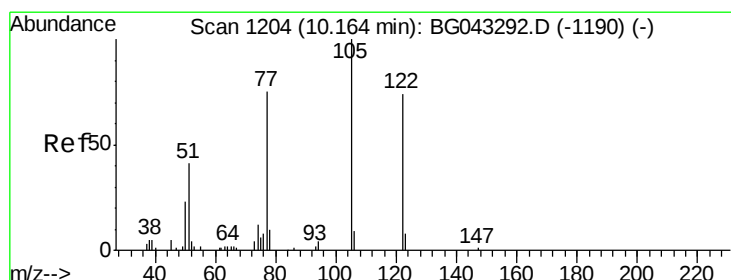
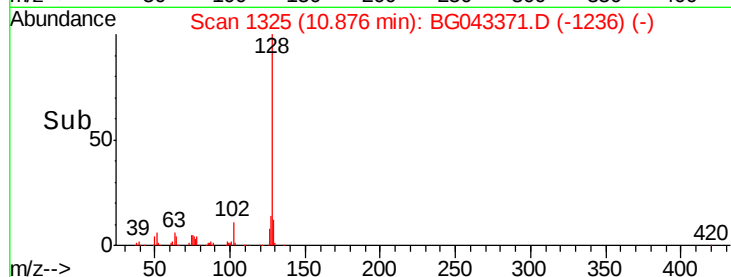
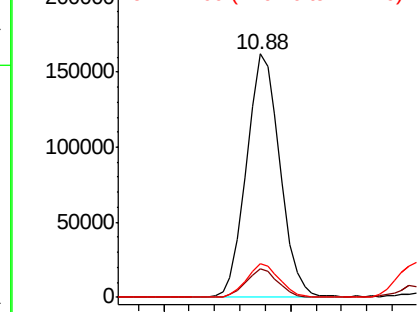
#31
Naphthalene
Concen: 41.253 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	12.8
127	13.6	11.5	17.3

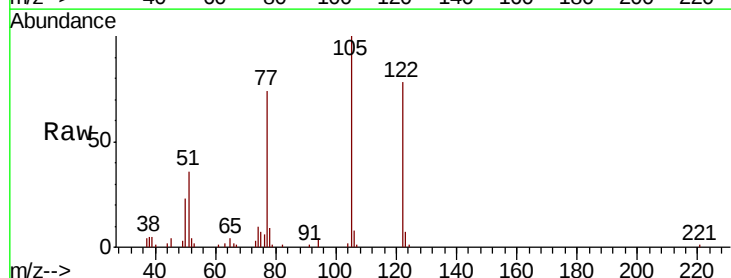


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

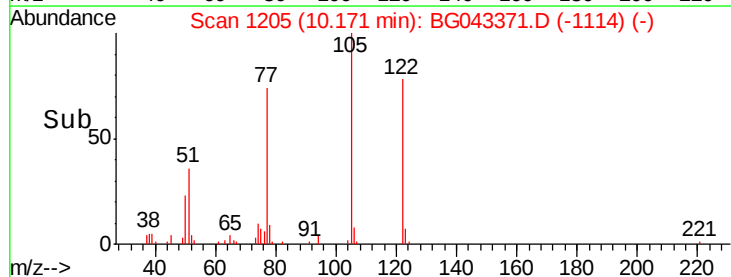
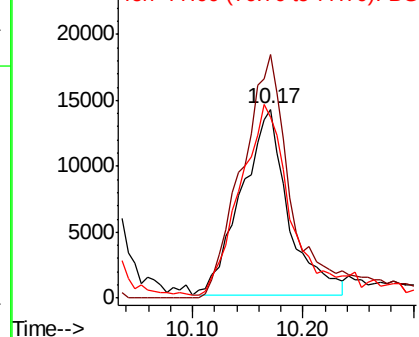


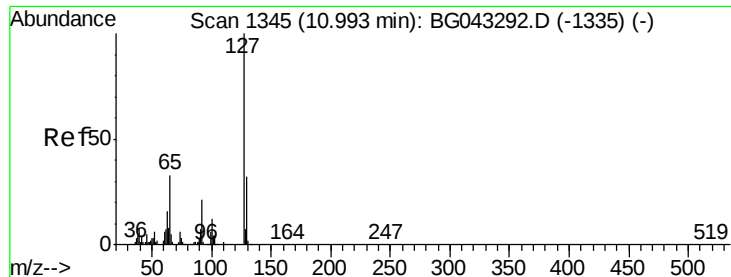
#32
Benzoic acid
Concen: 33.605 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.9	112.4	152.4
77	95.6	82.7	122.7



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

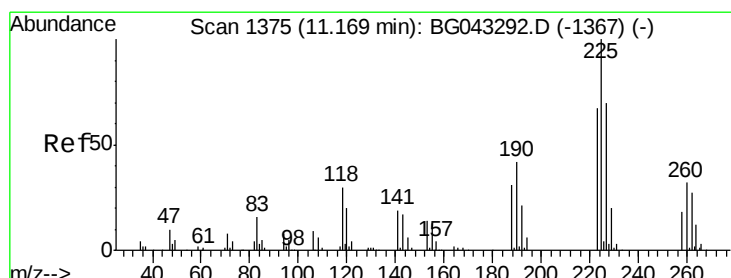
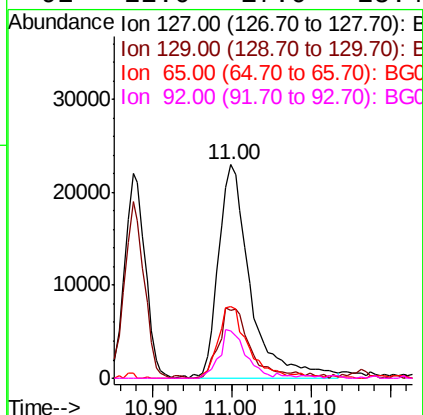
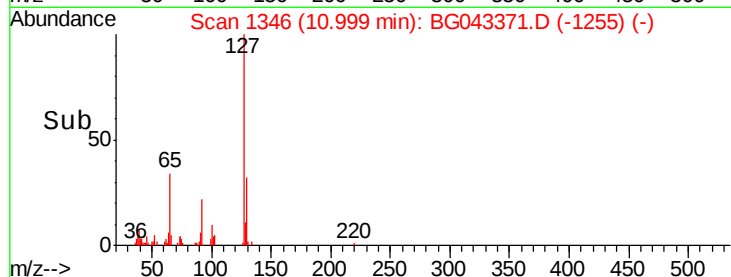
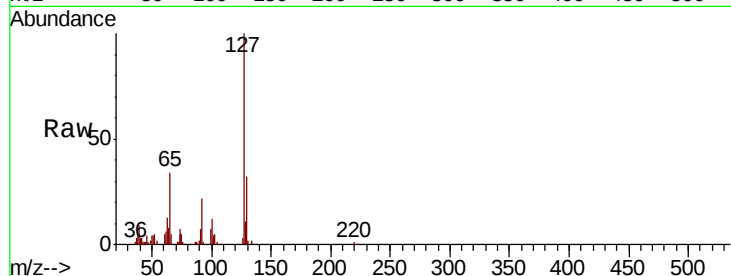




#33
4-Chloroaniline
Concen: 21.660 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

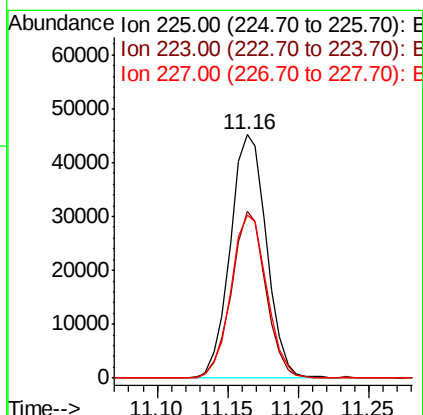
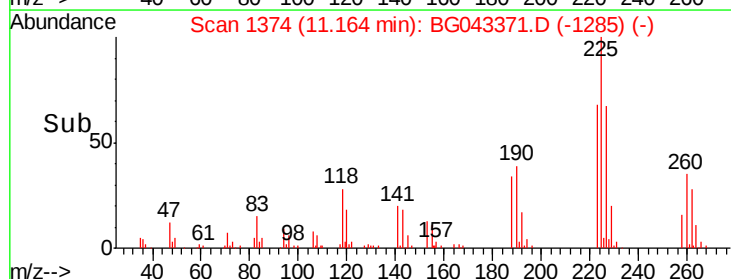
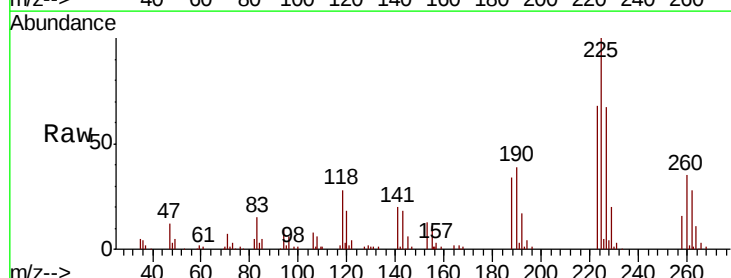
Instrument :
BNA_G
ClientSampleId :

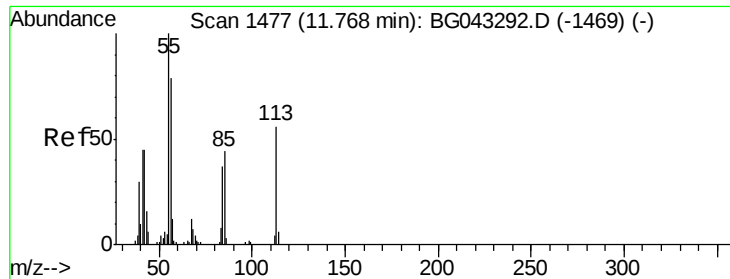
Tot Ion:127	Resp:	64007
Ion Ratio	Lower	Upper
127	100	
129	31.7	25.8 38.8
65	33.7	26.2 39.2
92	22.0	17.0 25.4



#34
Hexachlorobutadiene
Concen: 37.235 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Tgt Ion:225	Resp:	80715
Ion Ratio	Lower	Upper
225	100	
223	68.5	53.2 79.8
227	67.2	56.2 84.2





#35

Caprolactam

Concen: 16.495 ng

RT: 11.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

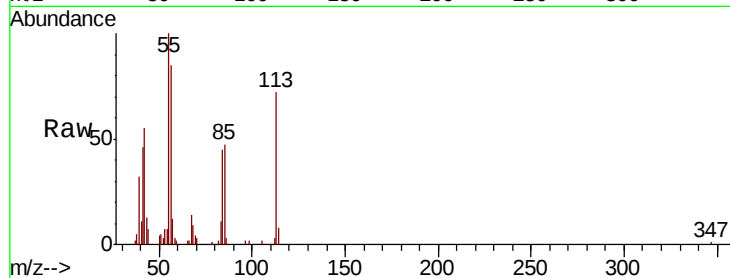
Tot Ion:113 Resp: 13218

Ion Ratio Lower Upper

113 100

55 139.8 158.9 198.9#

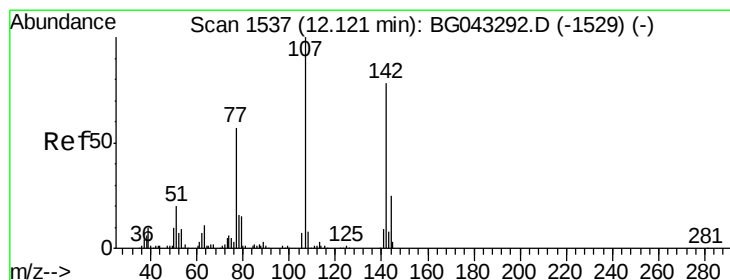
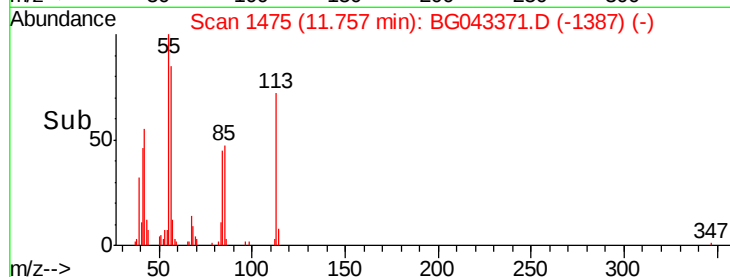
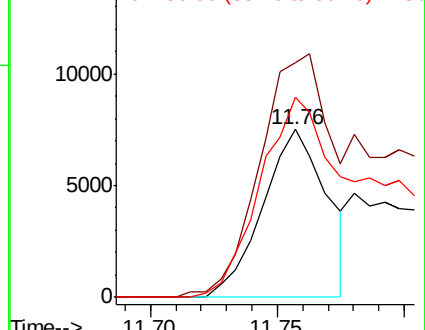
56 119.0 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.973 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

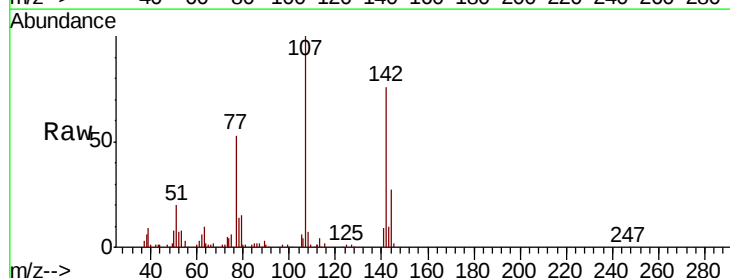
Tgt Ion:107 Resp: 106523

Ion Ratio Lower Upper

107 100

144 27.0 19.9 29.9

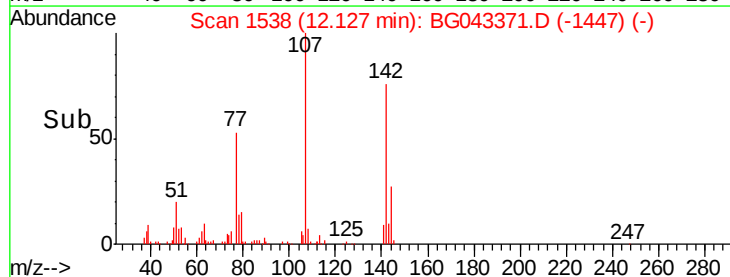
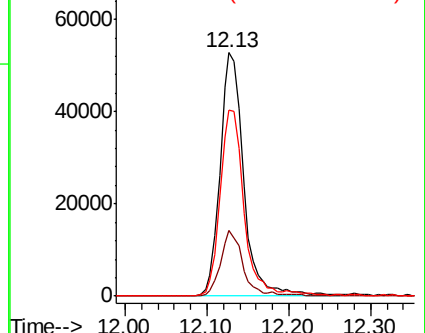
142 76.3 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

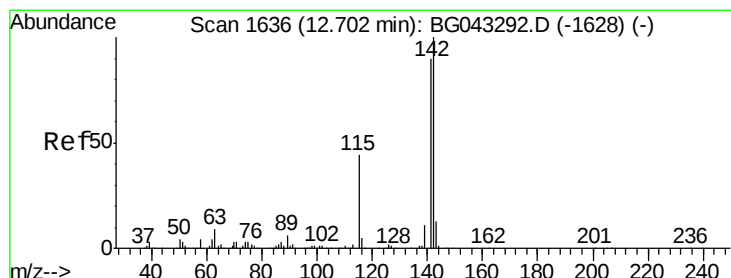
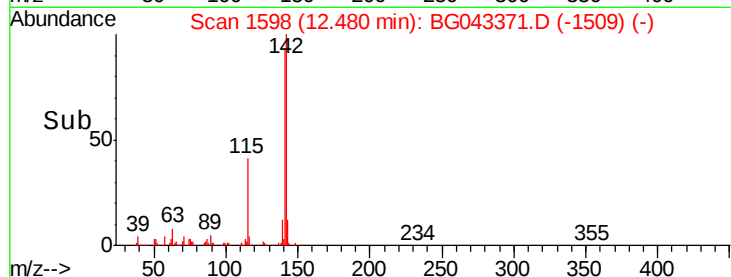
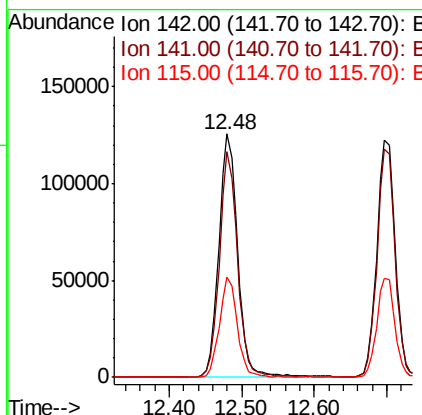
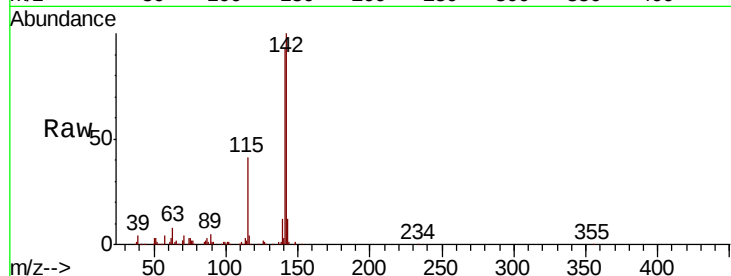




#37
 2-Methylnaphthalene
 Concen: 41.035 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

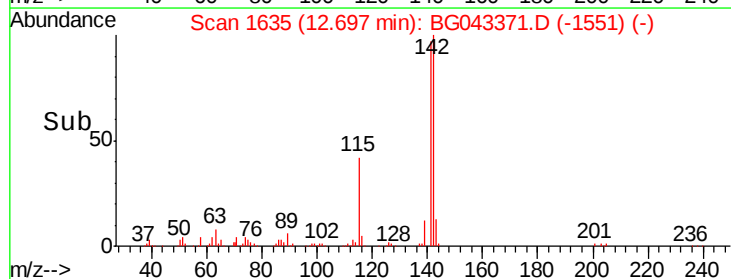
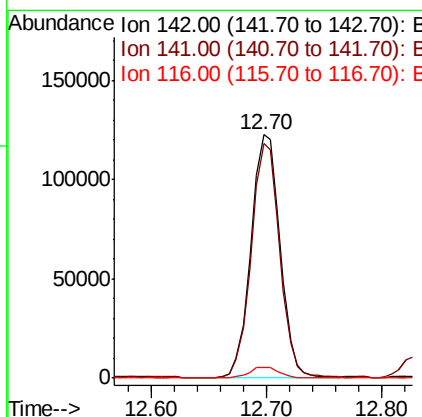
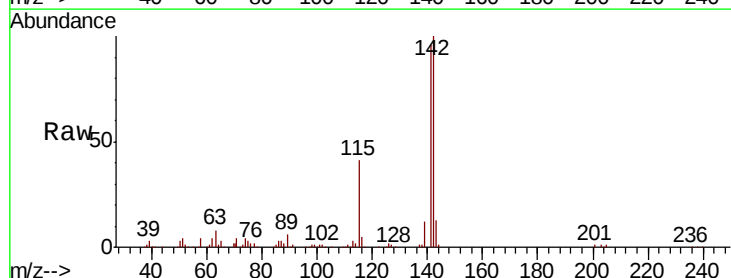
Instrument :
 BNA_G
 ClientSampleId :

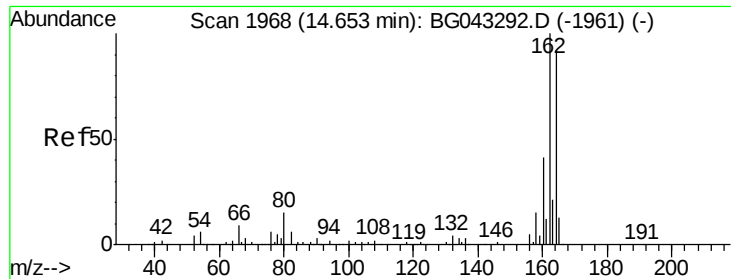
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	69.7	104.5
115	41.2	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 40.761 ng
 RT: 12.70 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.2	72.3	108.5
116	4.6	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampled :

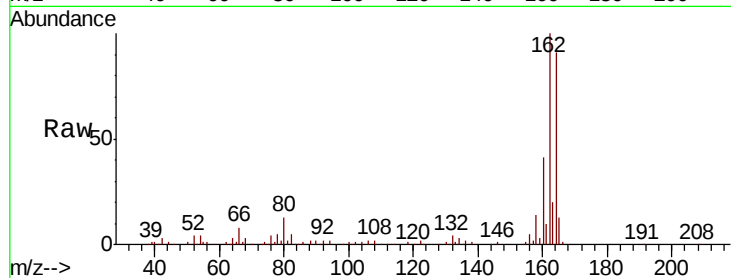
Tot Ion:164 Resp: 106441

Ion Ratio Lower Upper

164 100

162 109.6 87.0 130.4

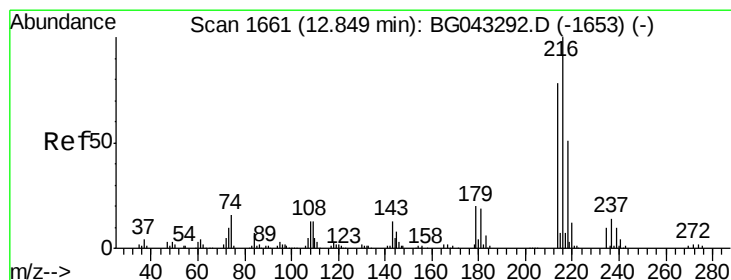
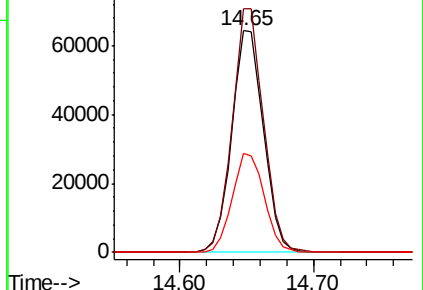
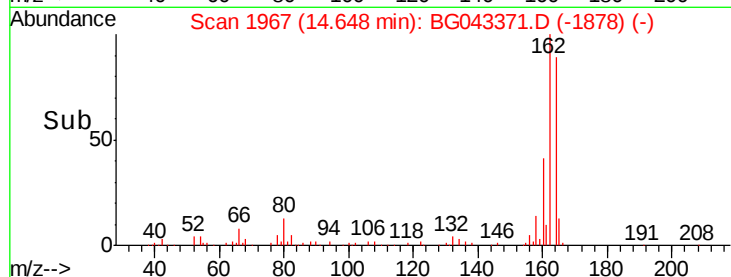
160 44.7 35.5 53.3



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: 36.889 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Tgt Ion:216 Resp: 145316

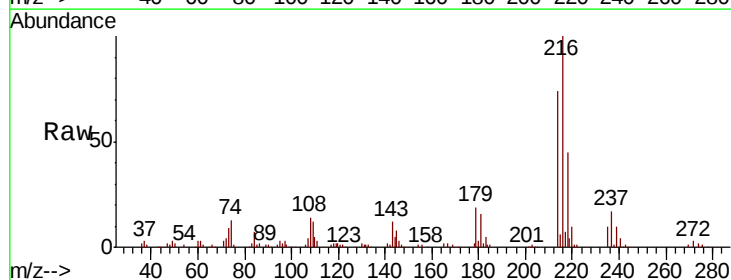
Ion Ratio Lower Upper

216 100

214 77.9 63.5 95.3

179 19.0 16.2 24.2

108 16.3 11.2 16.8

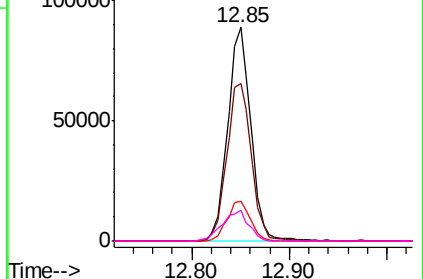
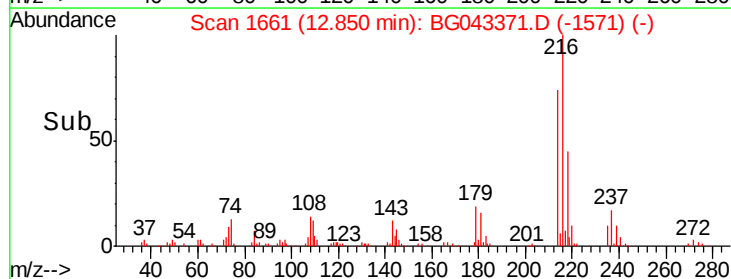


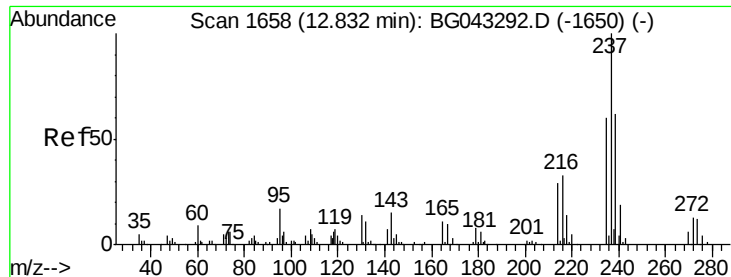
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.427 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

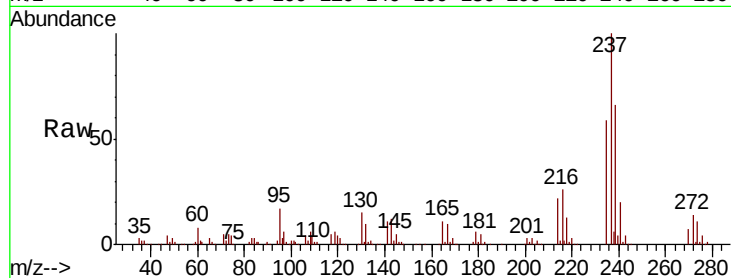
Tot Ion:237 Resp: 172635

Ion Ratio Lower Upper

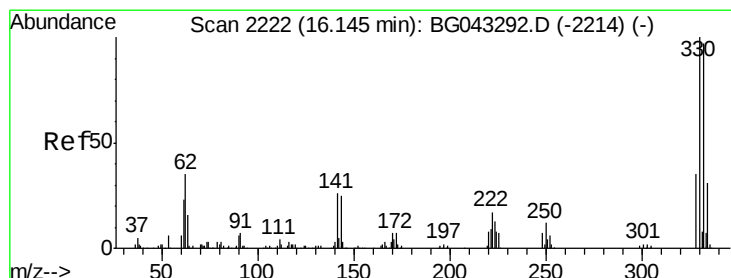
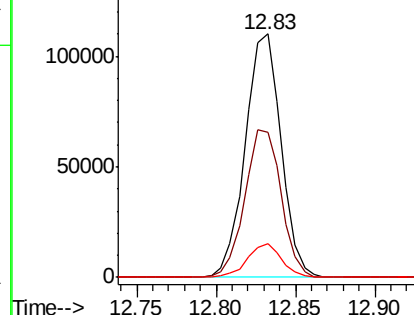
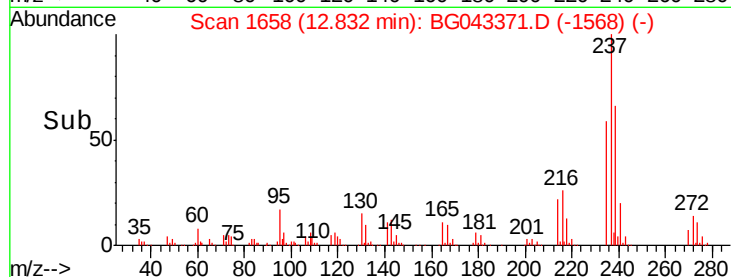
237 100

235 59.4 40.3 80.3

272 13.9 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: 101.924 ng

RT: 16.15 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

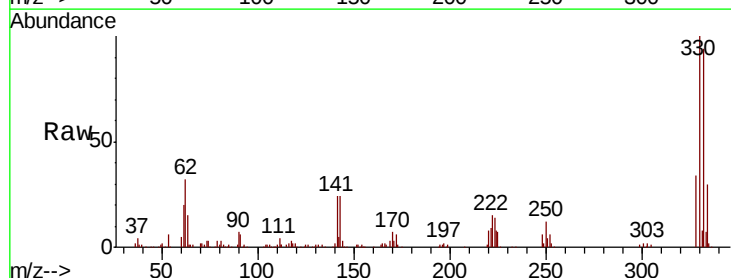
Tgt Ion:330 Resp: 206454

Ion Ratio Lower Upper

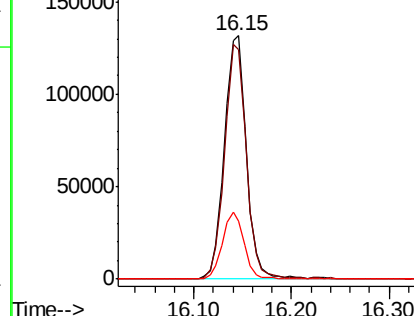
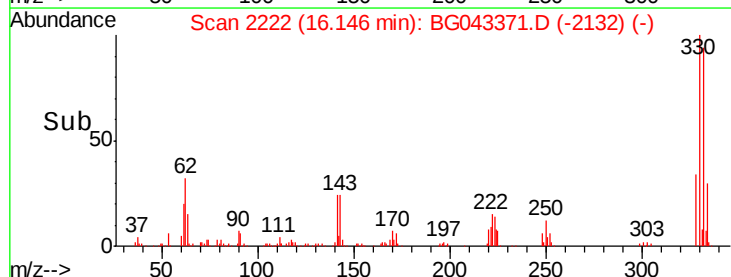
330 100

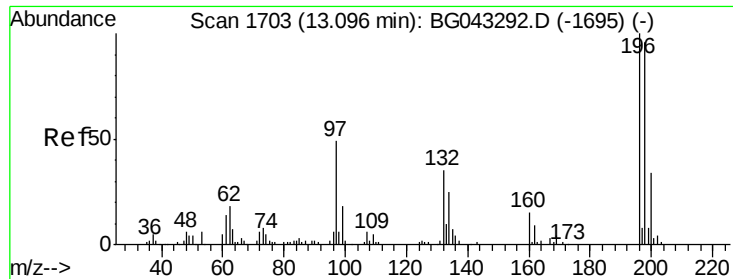
332 95.0 76.4 114.6

141 26.9 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

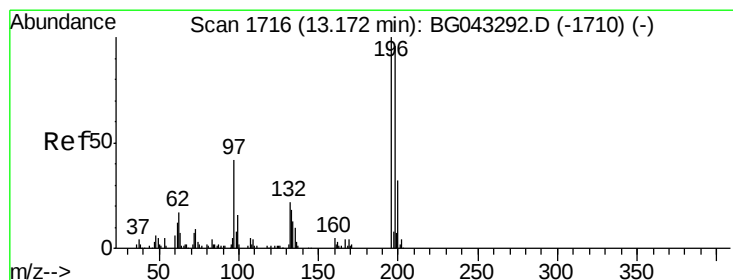
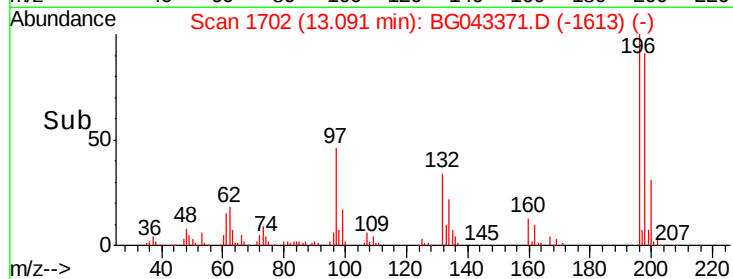
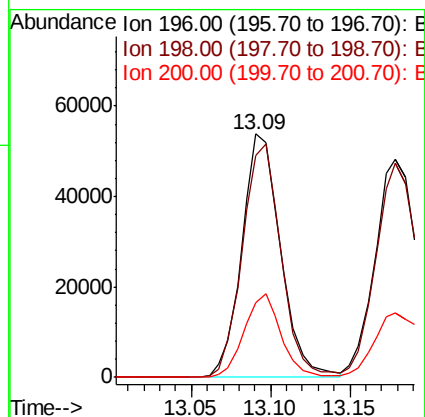
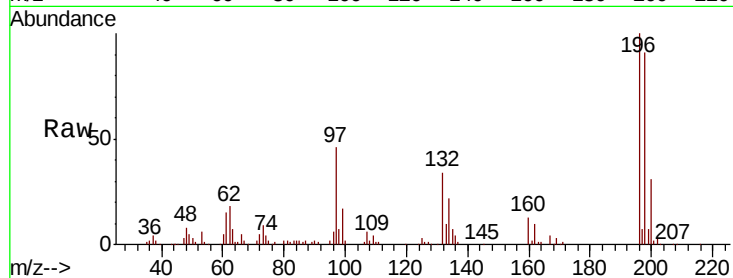




#43
 2,4,6-Trichlorophenol
 Concen: 39.374 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

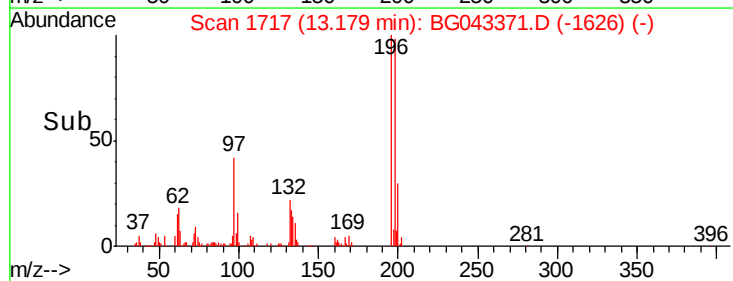
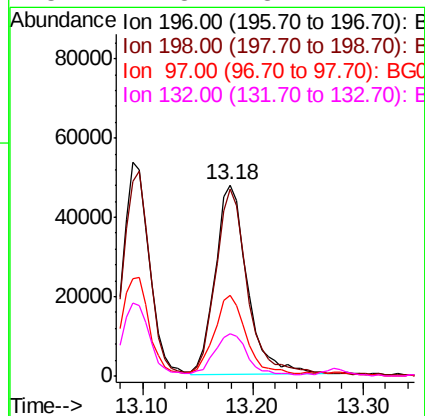
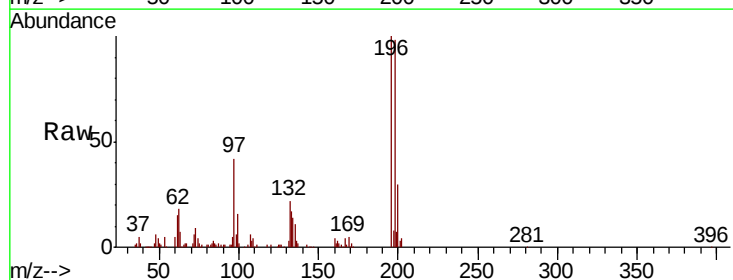
Instrument :
 BNA_G
 ClientSampleId :

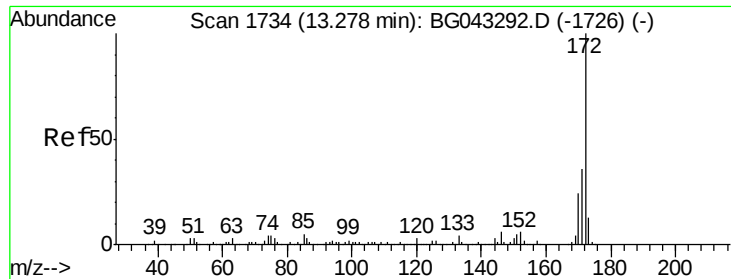
Tot Ion:196 Resp: 91342
 Ion Ratio Lower Upper
 196 100
 198 91.2 77.0 115.4
 200 30.7 27.4 41.2



#44
 2,4,5-Trichlorophenol
 Concen: 41.149 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Tgt Ion:196 Resp: 96508
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.6 114.8
 97 42.2 34.1 51.1
 132 21.8 18.2 27.4

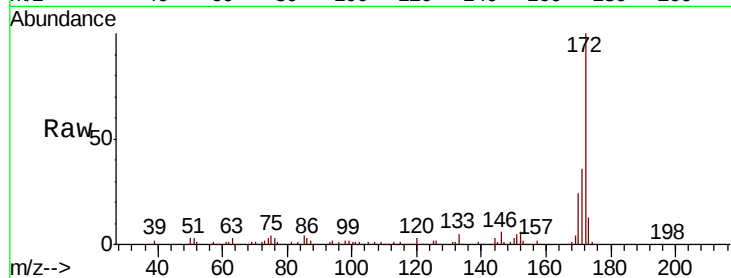




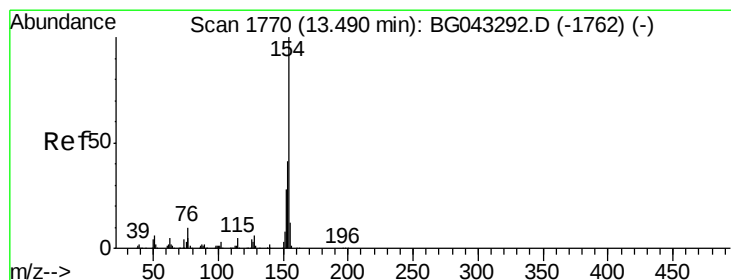
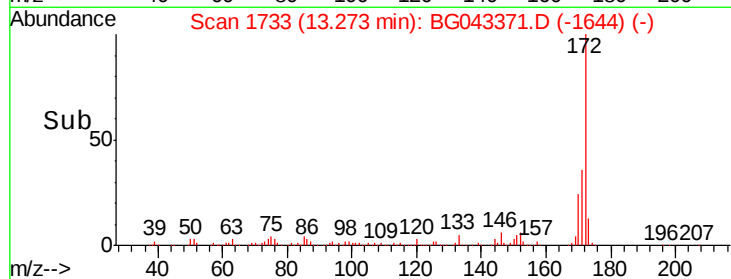
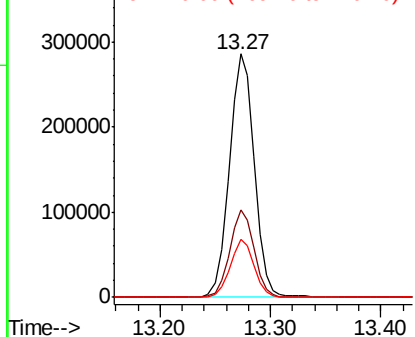
#45
 2-Fluorobiphenyl
 Concen: 58.617 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172	Resp:	451532
Ion	Ratio	Lower Upper
172	100	
171	35.8	28.5 42.7
170	23.8	18.8 28.2

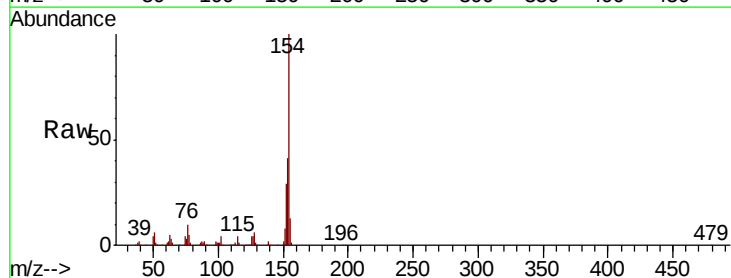


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

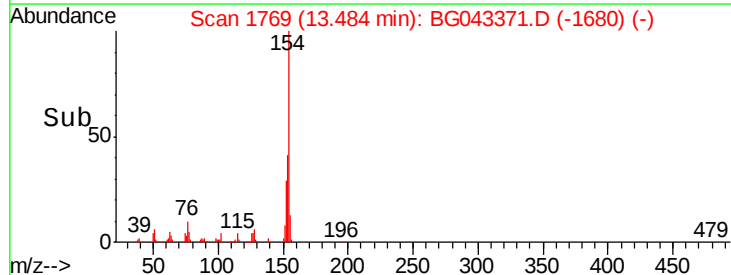
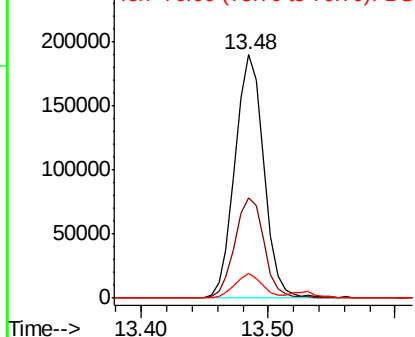


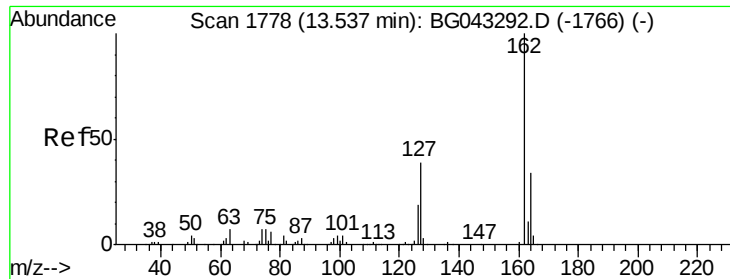
#46
 1,1'-Biphenyl
 Concen: 36.860 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Tgt Ion:154	Resp:	298476
Ion	Ratio	Lower Upper
154	100	
153	41.4	21.0 61.0
76	10.0	0.0 29.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

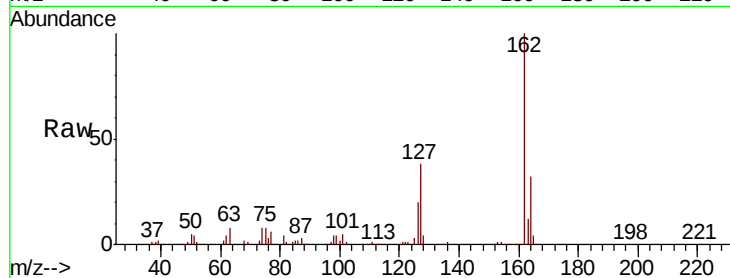




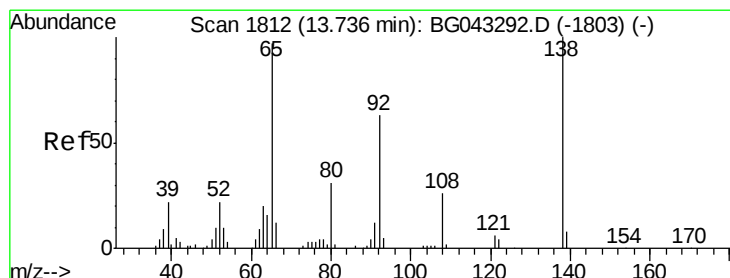
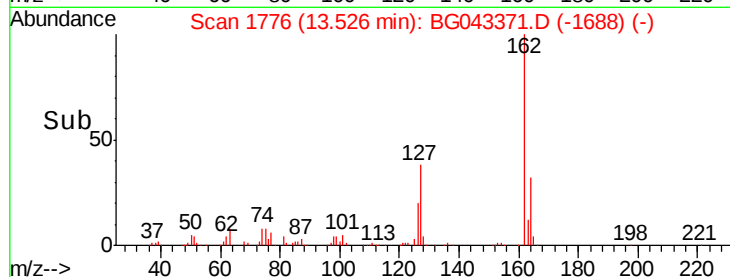
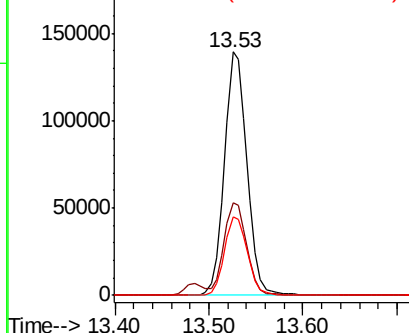
#47
 2-Chloronaphthalene
 Concen: 37.795 ng
 RT: 13.53 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.3	46.9
164	32.4	26.8	40.2

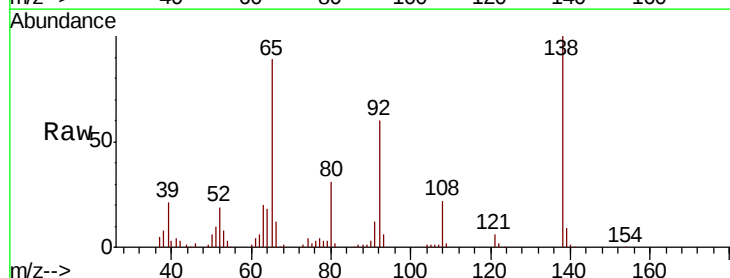


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

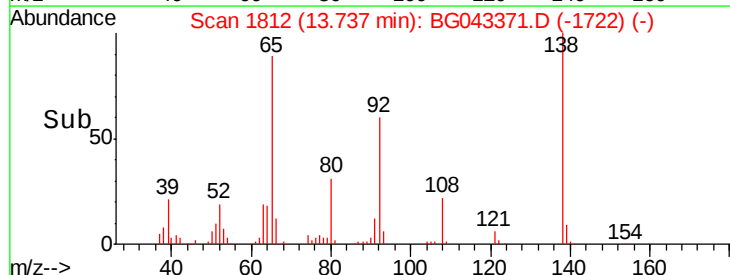
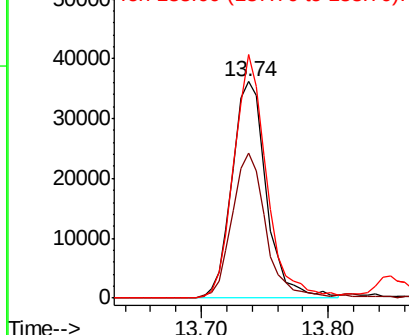


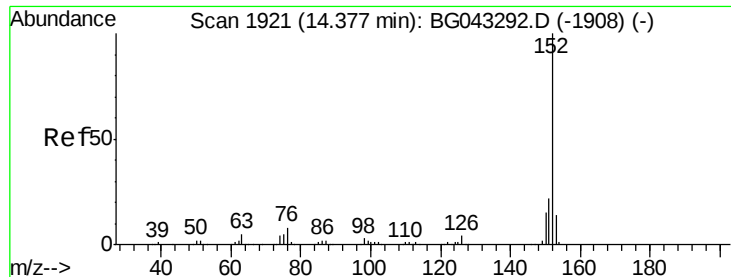
#48
 2-Nitroaniline
 Concen: 36.730 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	52.6	79.0
138	112.6	82.9	124.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.727 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

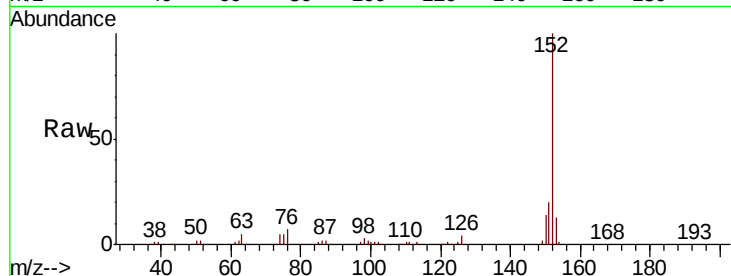
Tot Ion:152 Resp: 371351

Ion Ratio Lower Upper

152 100

151 19.6 17.2 25.8

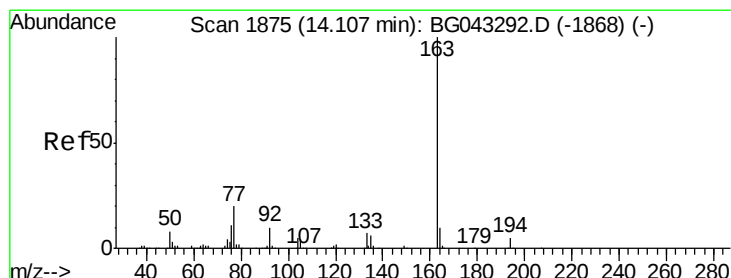
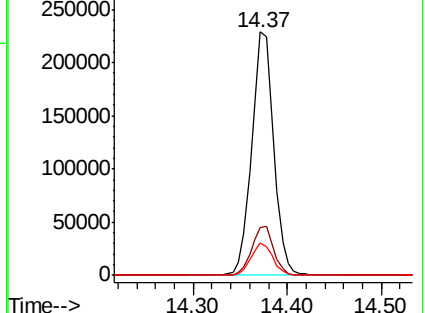
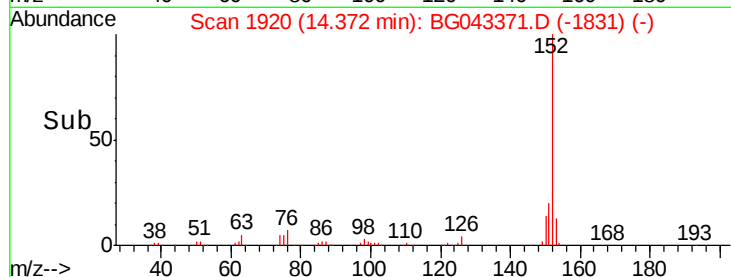
153 13.1 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.292 ng

RT: 14.11 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

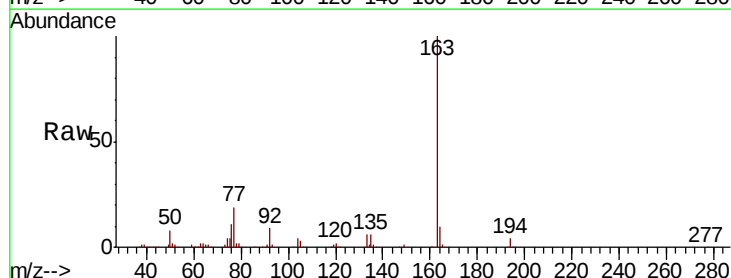
Tgt Ion:163 Resp: 299214

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

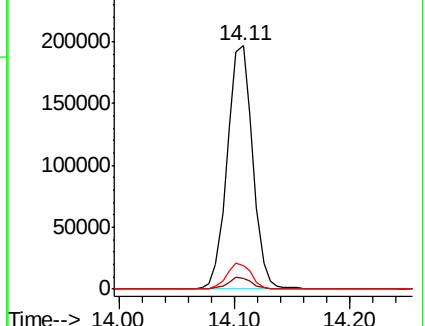
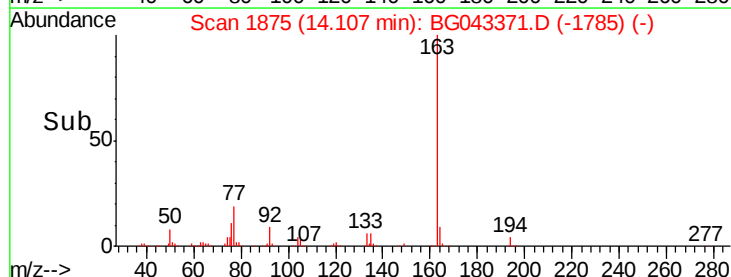
164 9.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

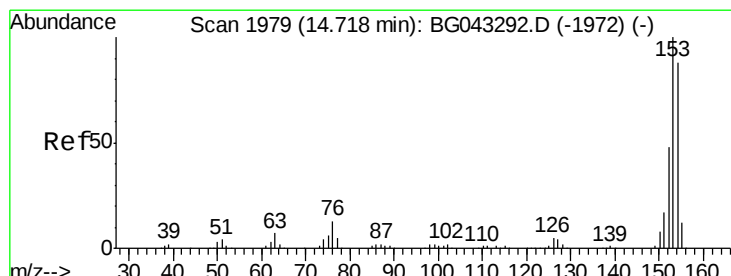
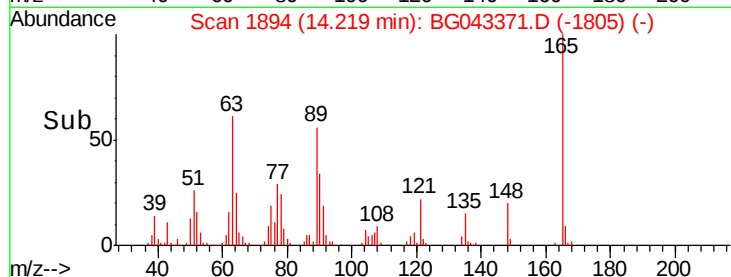
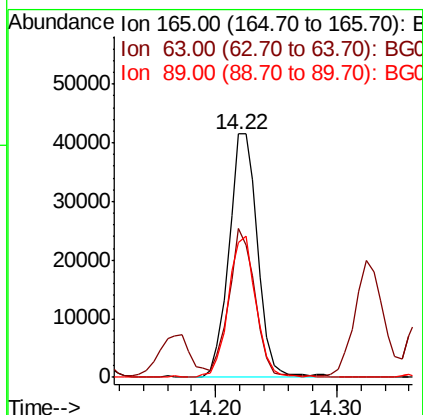
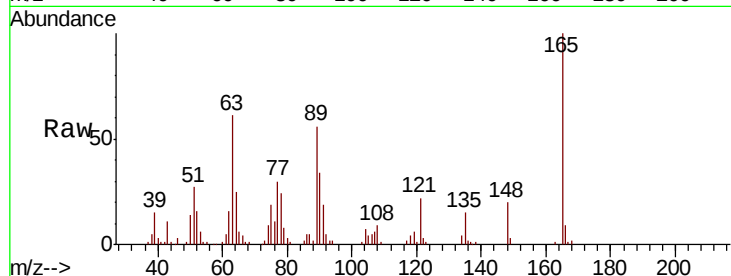




#51
 2,6-Dinitrotoluene
 Concen: 38.225 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

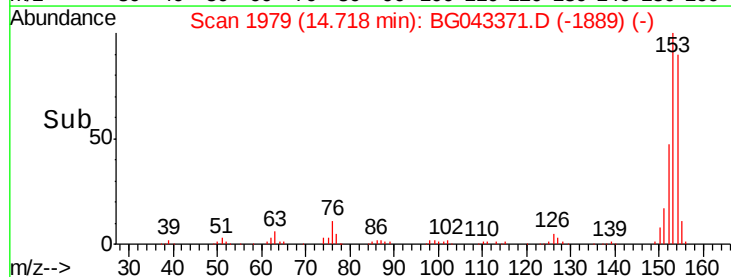
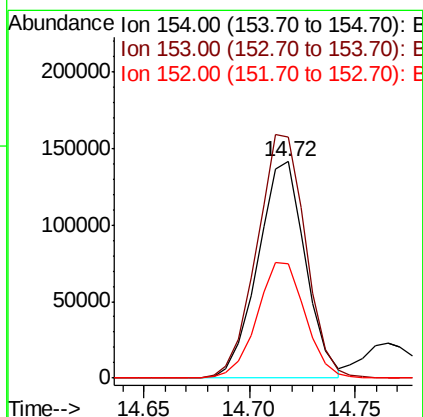
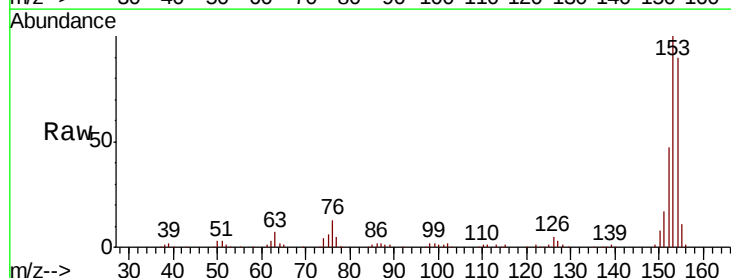
Instrument :
 BNA_G
 ClientSampled :

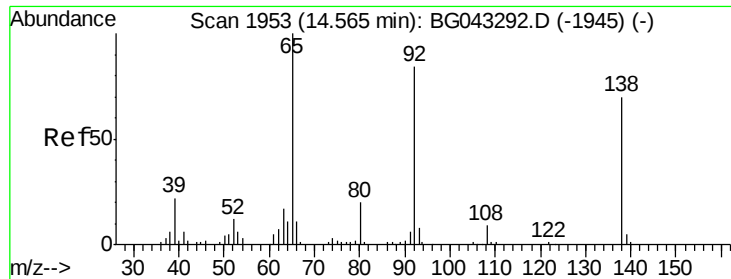
Tot Ion:165 Resp: 68465
 Ion Ratio Lower Upper
 165 100
 63 61.3 47.1 70.7
 89 55.5 43.7 65.5



#52
 Acenaphthene
 Concen: 37.913 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Tgt Ion:154 Resp: 221698
 Ion Ratio Lower Upper
 154 100
 153 111.5 90.9 136.3
 152 52.7 43.9 65.9





#53

3-Nitroaniline

Concen: 25.429 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

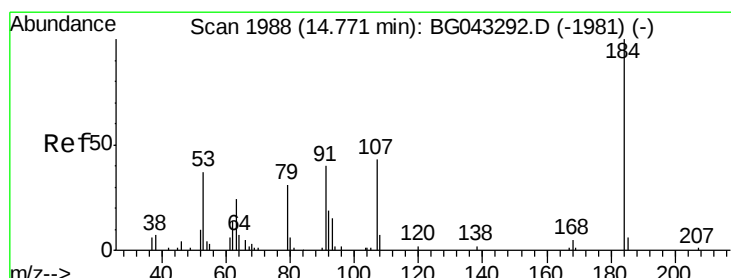
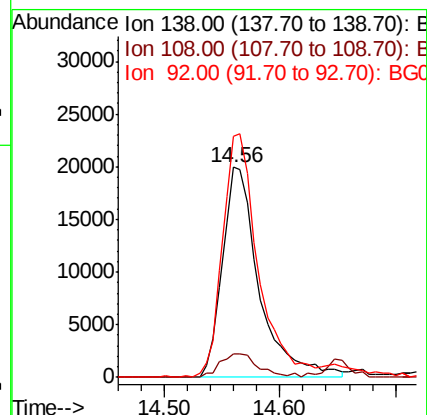
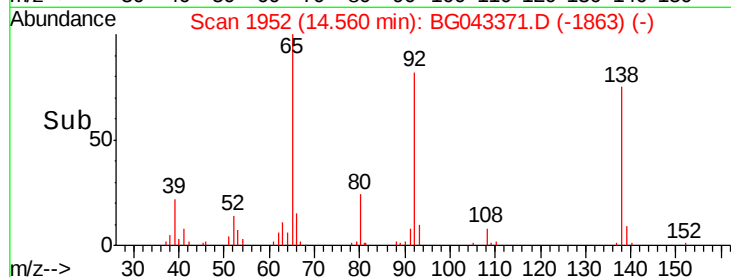
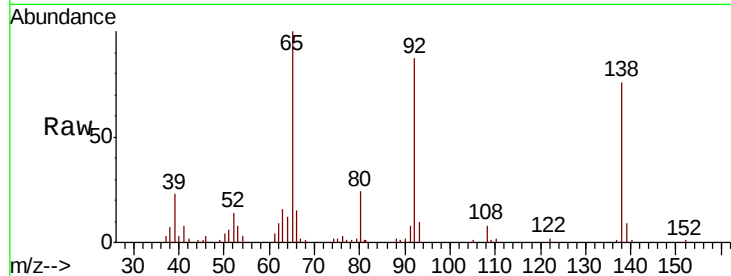
Tot Ion:138 Resp: 43974

Ion Ratio Lower Upper

138 100

108 11.1 9.8 14.6

92 114.5 95.8 143.6



#54

2,4-Dinitrophenol

Concen: 60.479 ng

RT: 14.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

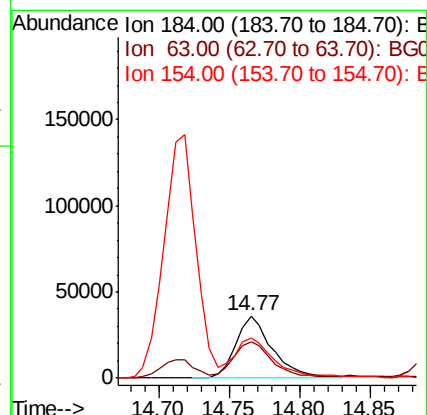
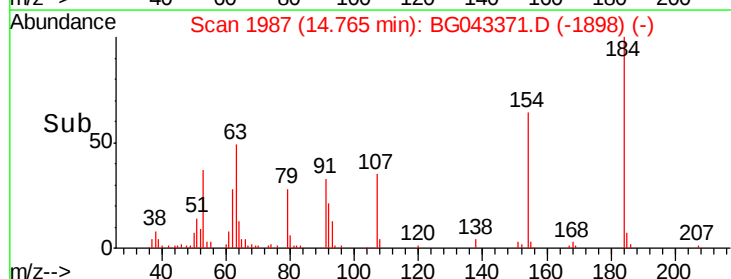
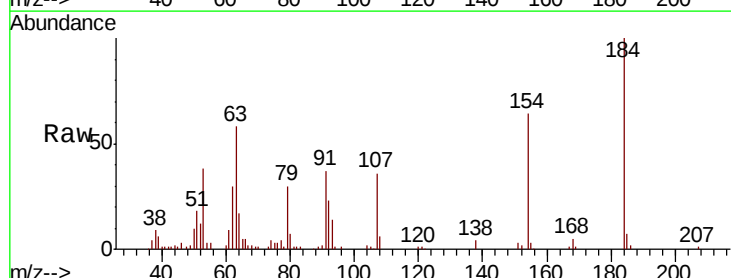
Tgt Ion:184 Resp: 65457

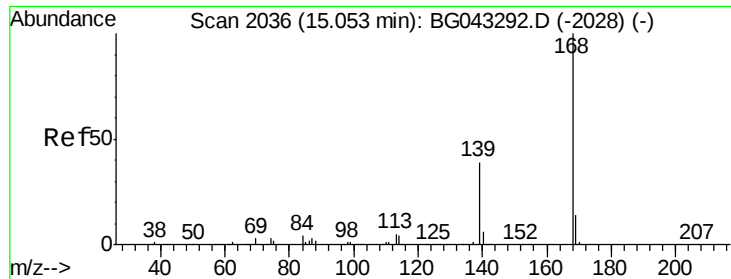
Ion Ratio Lower Upper

184 100

63 57.9 48.8 73.2

154 63.9 49.4 74.0

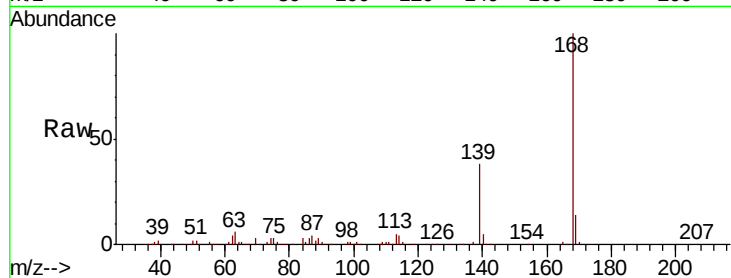




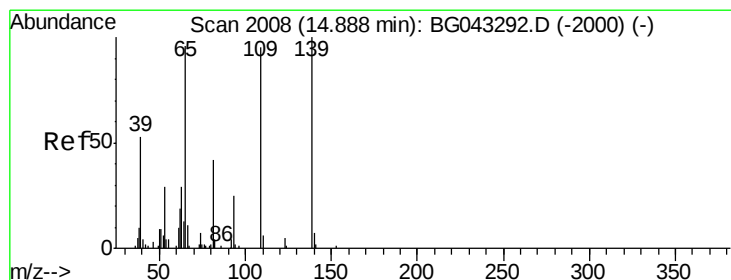
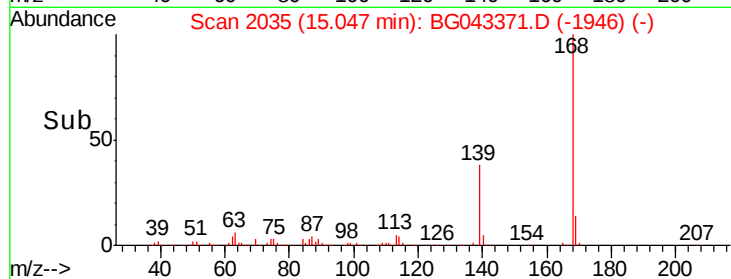
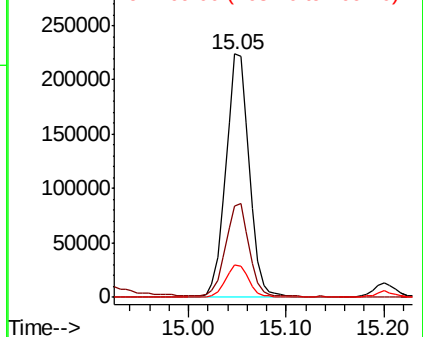
#55
Dibenzofuran
Concen: 39.101 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 370793
Ion Ratio Lower Upper
168 100
139 37.7 31.7 47.5
169 13.6 11.0 16.4

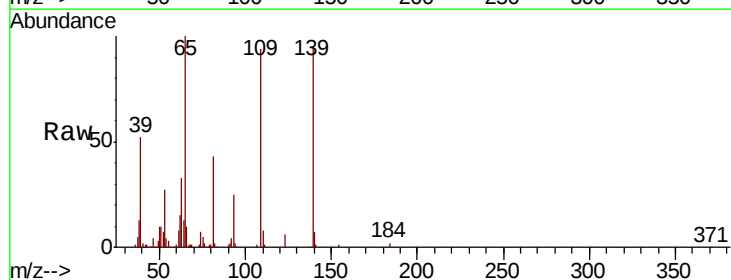


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

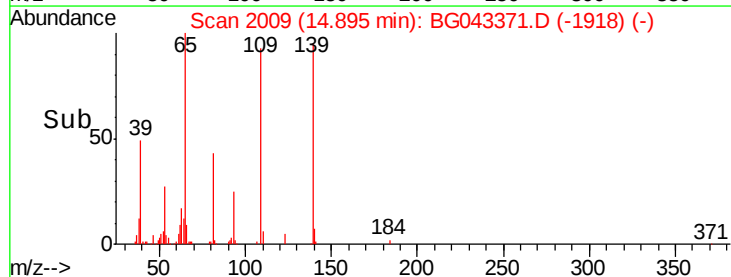
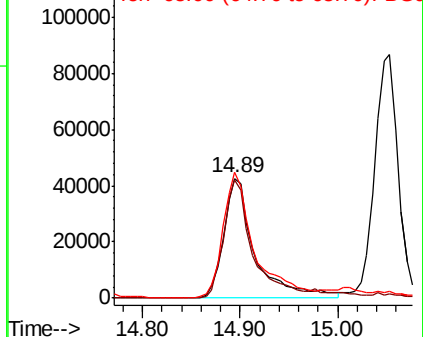


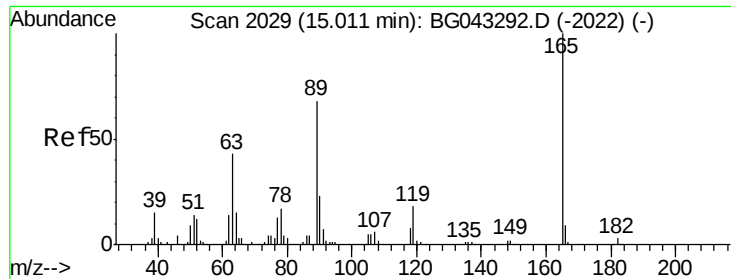
#56
4-Nitrophenol
Concen: 82.111 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Tgt Ion:139 Resp: 95155
Ion Ratio Lower Upper
139 100
109 98.7 75.4 115.4
65 105.2 76.6 116.6



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

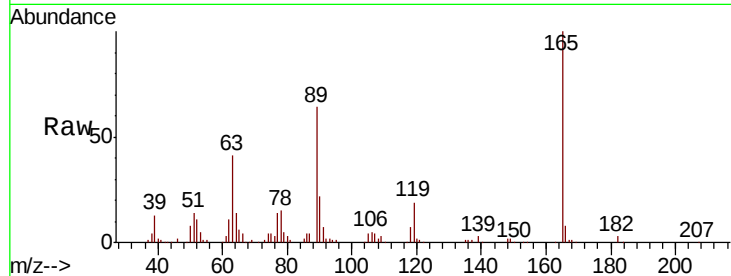




#57
 2,4-Dinitrotoluene
 Concen: 37.755 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	165	Resp	96641
Ion	Ratio	Lower	Upper
165	100		
63	40.8	35.0	52.6
89	64.0	54.1	81.1
182	2.9	2.2	3.2



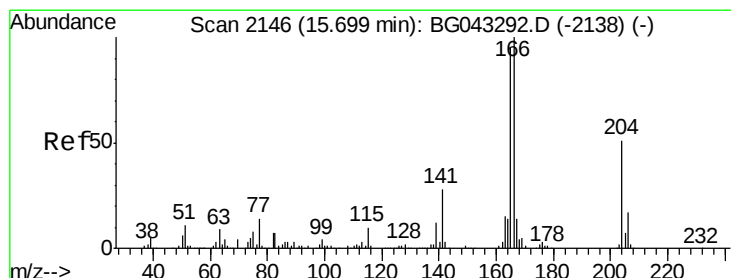
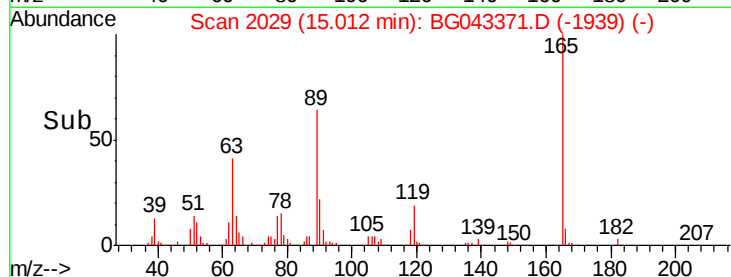
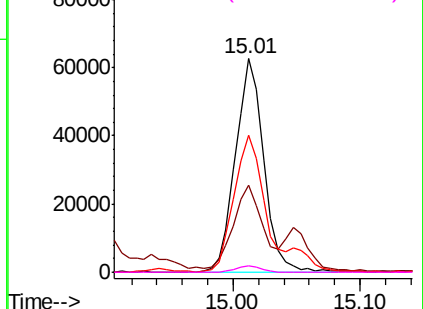
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

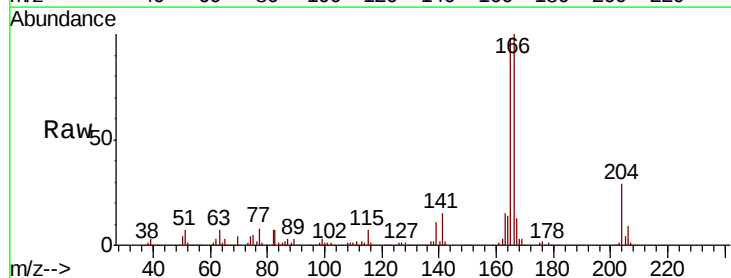
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 38.430 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Tgt Ion	166	Resp	305648
Ion	Ratio	Lower	Upper
166	100		
165	98.3	76.4	114.6
167	13.1	11.1	16.7

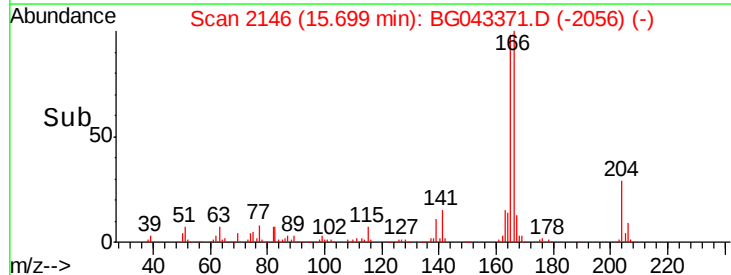
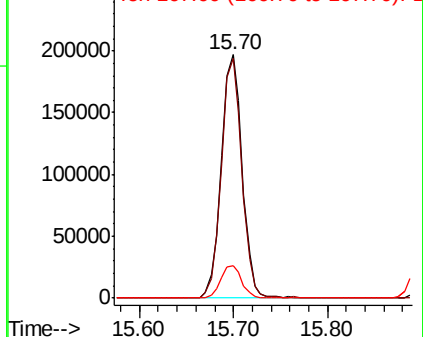


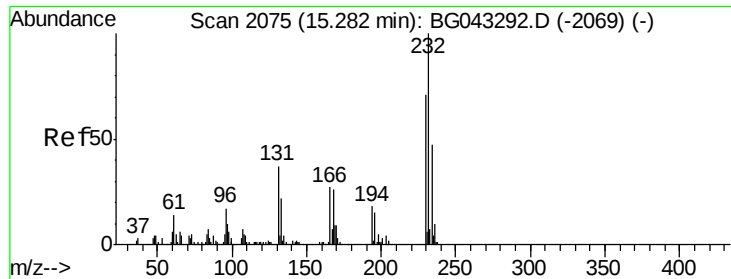
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

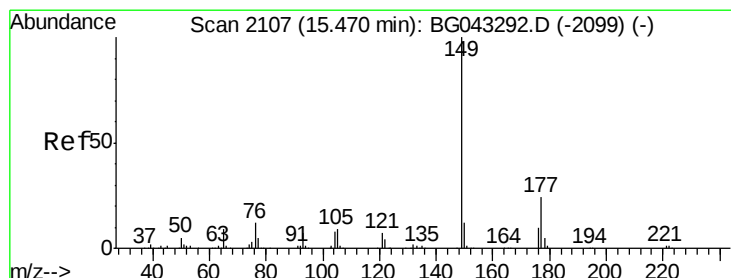
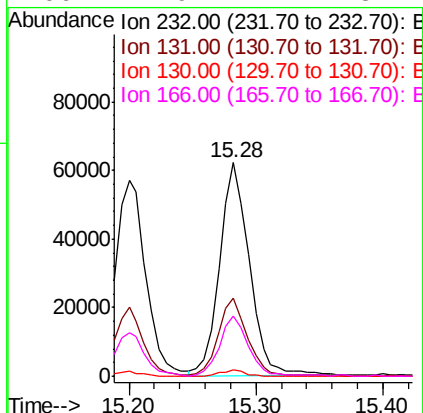
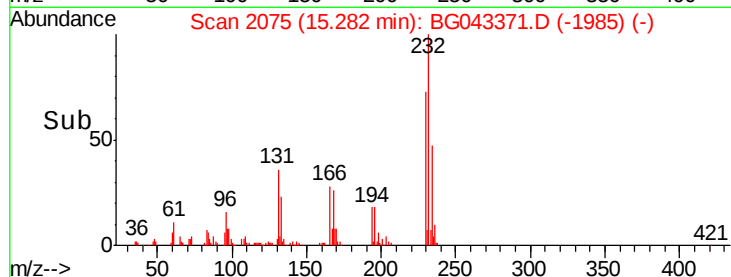
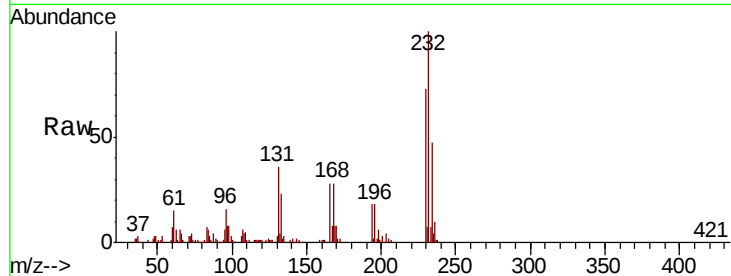




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.363 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

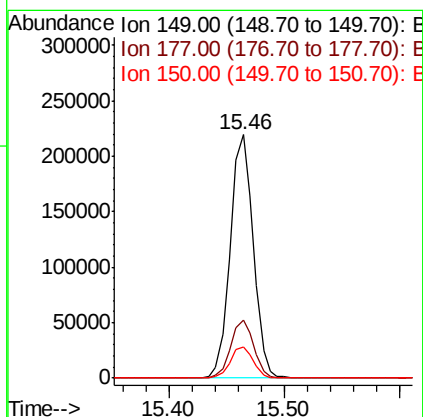
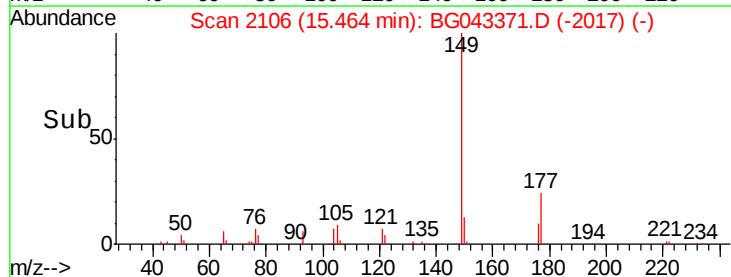
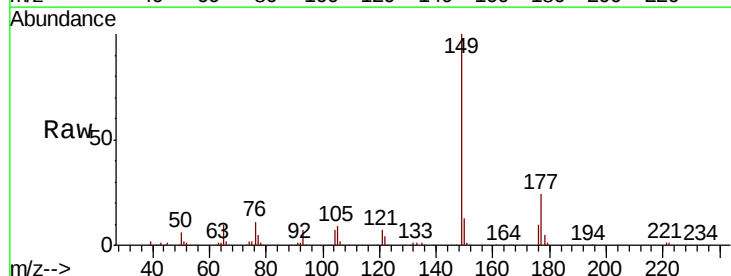
Instrument :
 BNA_G
 ClientSampleId :

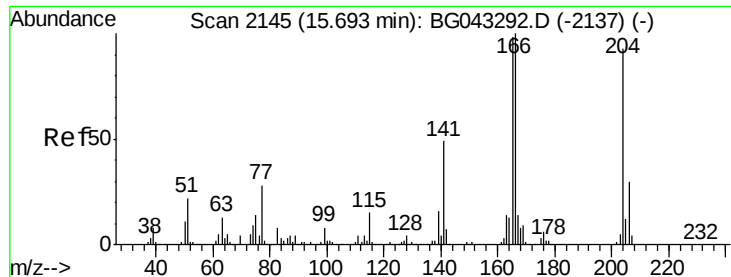
Tot Ion	Ratio	Lower	Upper
232	100		
131	34.6	28.7	43.1
130	2.3	0.6	0.8
166	27.9	21.1	31.7



#60
 Diethylphthalate
 Concen: 36.460 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.0	28.4
150	12.6	9.4	14.0

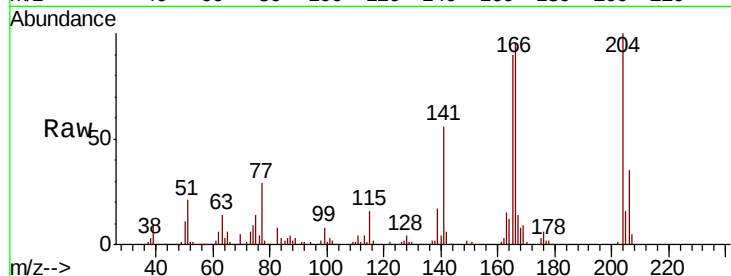




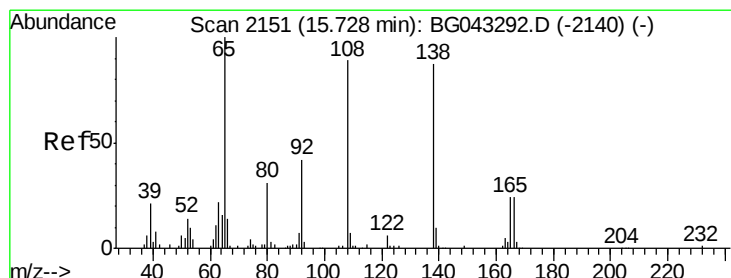
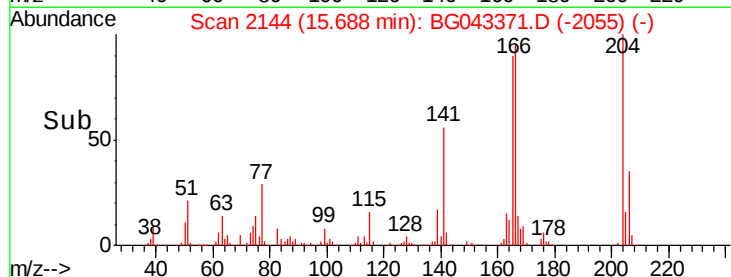
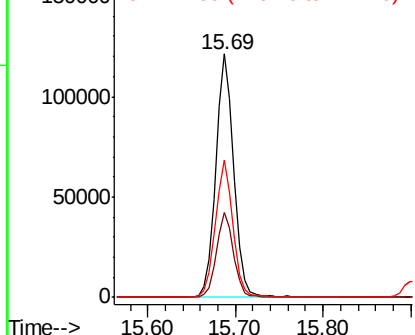
#61
4-Chlorophenyl-phenylether
Concen: 37.274 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 172946
Ion Ratio Lower Upper
204 100
206 34.7 25.7 38.5
141 56.5 42.3 63.5

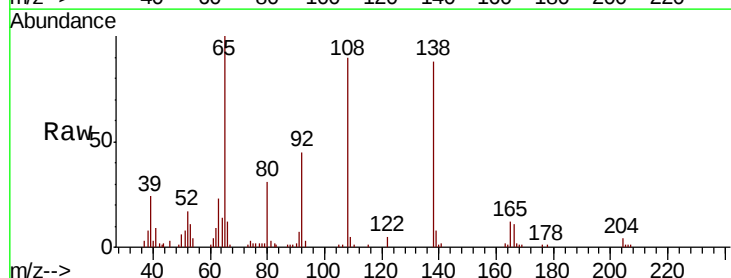


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

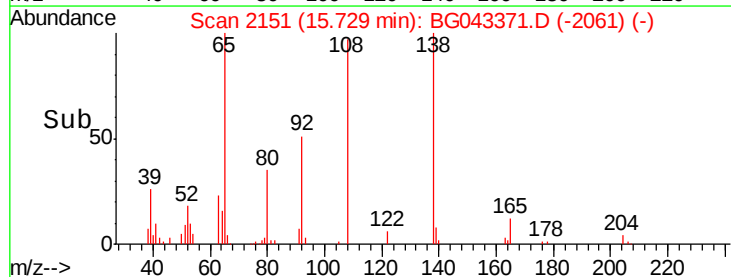
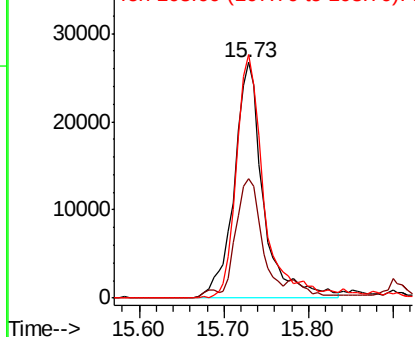


#62
4-Nitroaniline
Concen: 35.463 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Tgt Ion:138 Resp: 63335
Ion Ratio Lower Upper
138 100
92 51.0 28.8 68.8
108 103.3 82.7 122.7



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





#63

Azobenzene

Concen: 37.360 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 250477

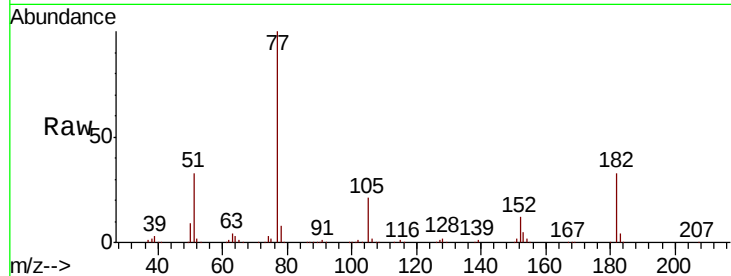
Ion Ratio Lower Upper

77 100

182 33.4 14.9 54.9

105 21.2 0.6 40.6

51 33.4 12.5 52.5

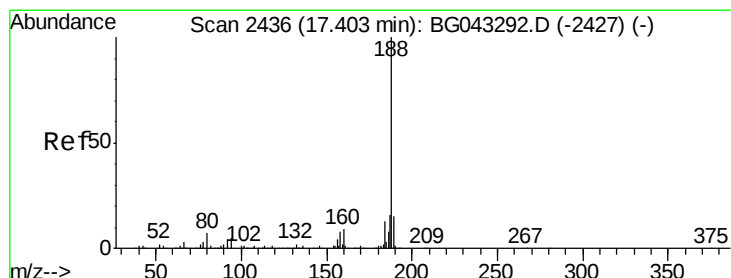
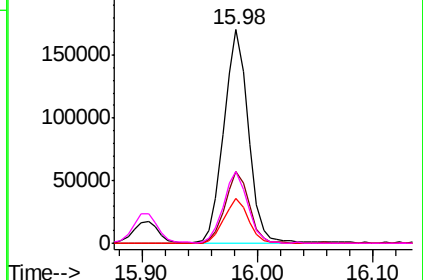
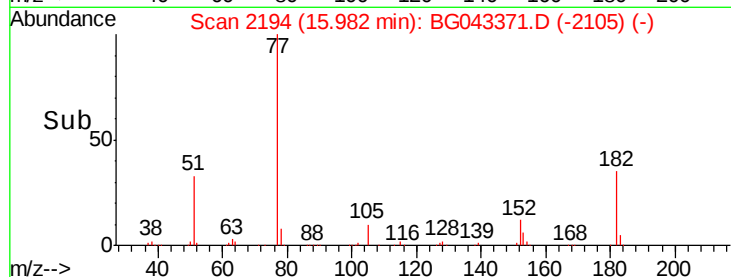


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043371.D

Acq: 29 Oct 2019 12:52

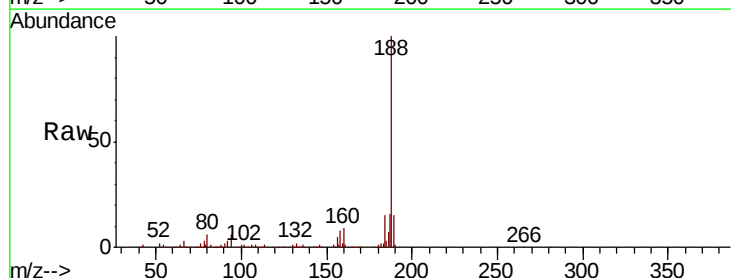
Tgt Ion: 188 Resp: 246728

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.2

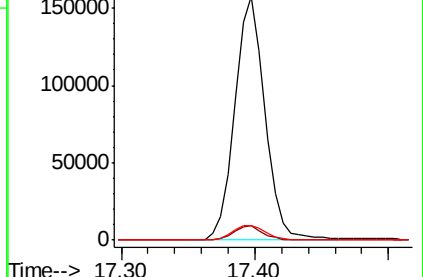
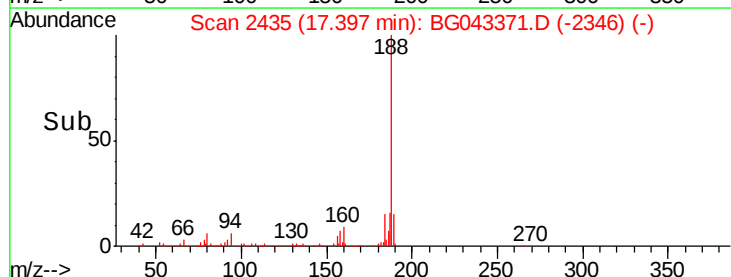
80 6.1 5.2 7.8

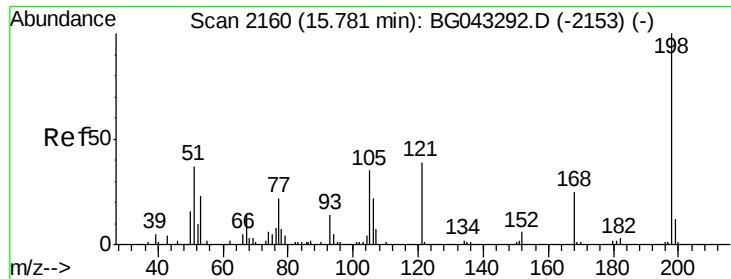


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 38.269 ng

RT: 15.78 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

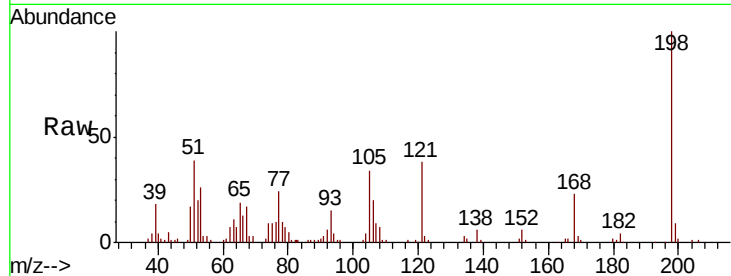
Tot Ion:198 Resp: 55567

Ion	Ratio	Lower	Upper
198	100		
51	38.6	21.4	61.4
105	33.7	16.5	56.5

198 100

51 38.6 21.4 61.4

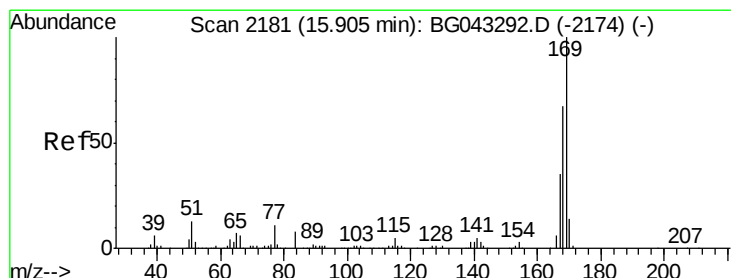
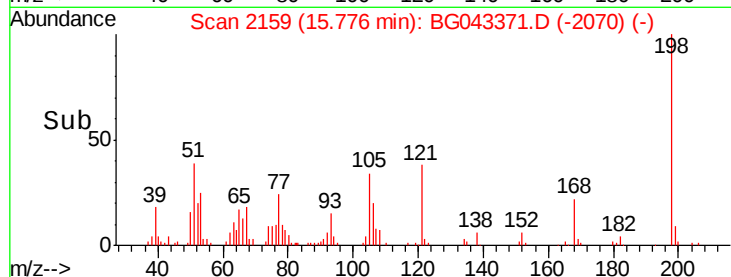
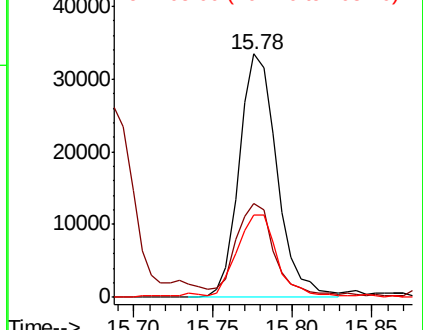
105 33.7 16.5 56.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.515 ng

RT: 15.91 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

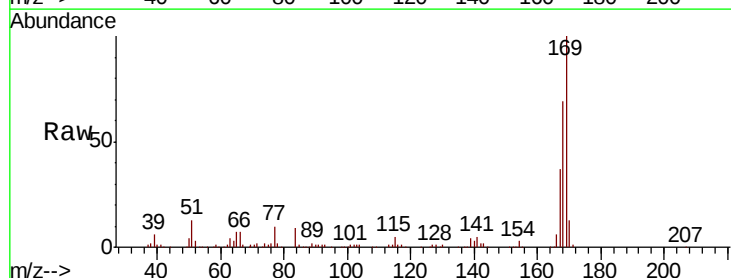
Tgt Ion:169 Resp: 268286

Ion	Ratio	Lower	Upper
169	100		
168	69.1	53.9	80.9
167	37.1	28.3	42.5

169 100

168 69.1 53.9 80.9

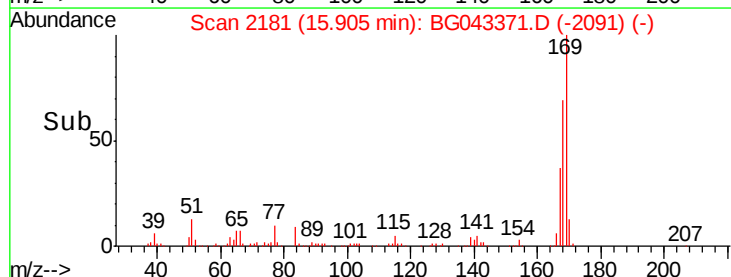
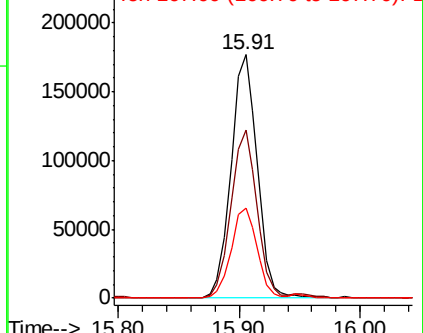
167 37.1 28.3 42.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

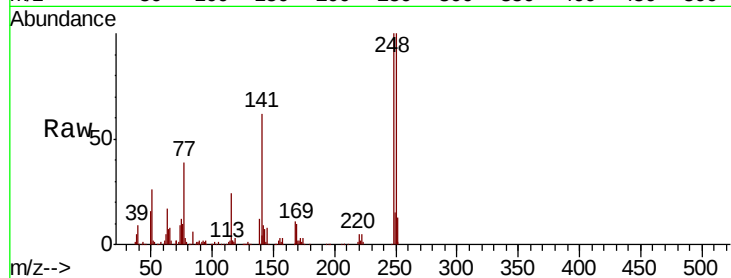




#67
4-Bromophenyl-phenylether
Concen: 36.580 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.4	79.3	118.9
141	62.3	47.9	71.9

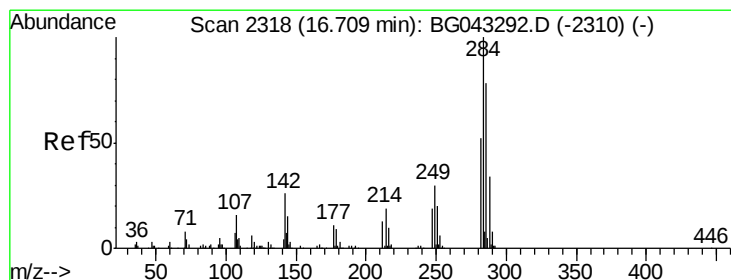
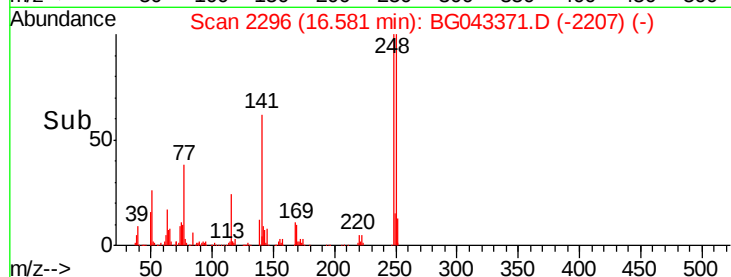
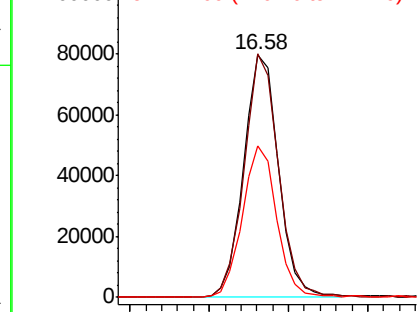


Abundance

Ion 248.00 (247.70 to 248.70): E

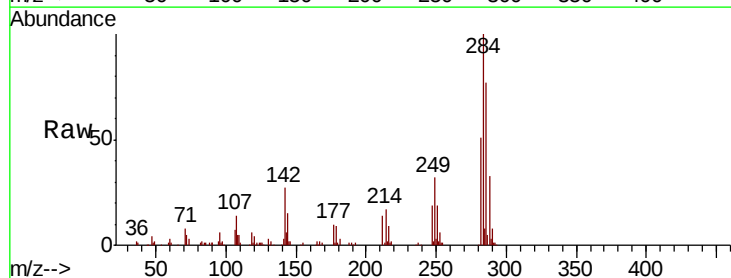
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.781 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.9	21.1	31.7
249	31.8	24.4	36.6

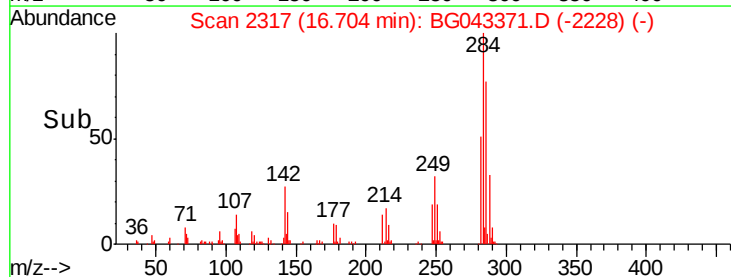
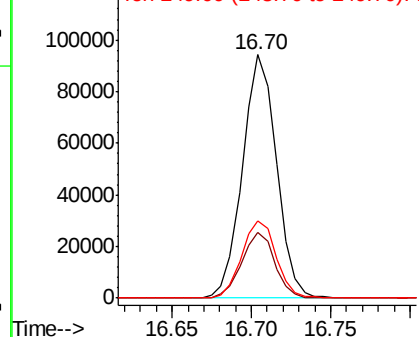


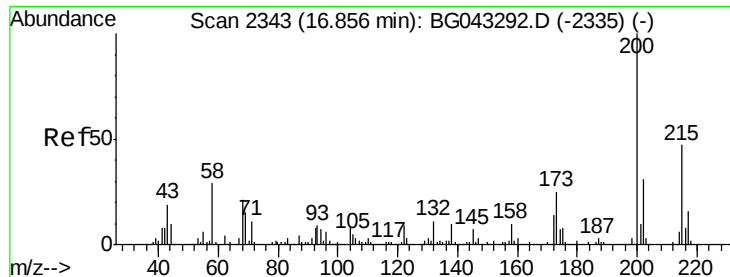
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

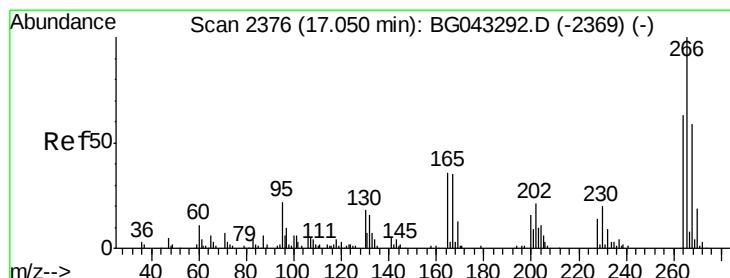
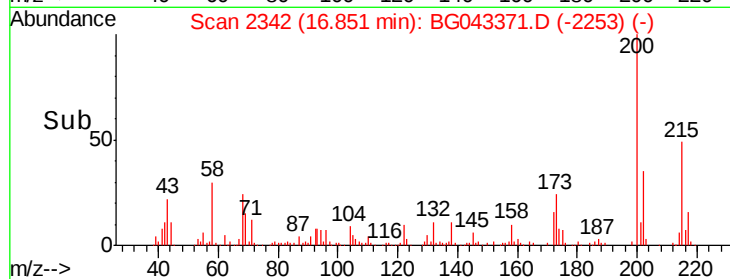
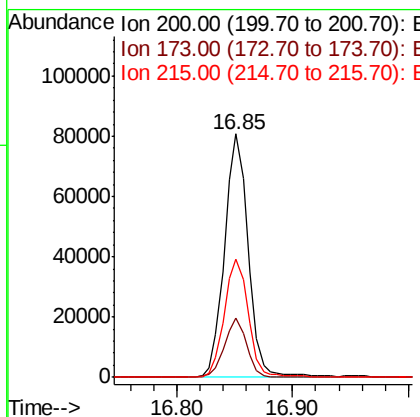
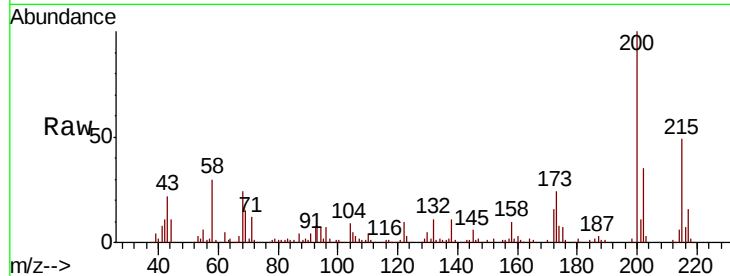




#69
 Atrazine
 Concen: 47.563 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

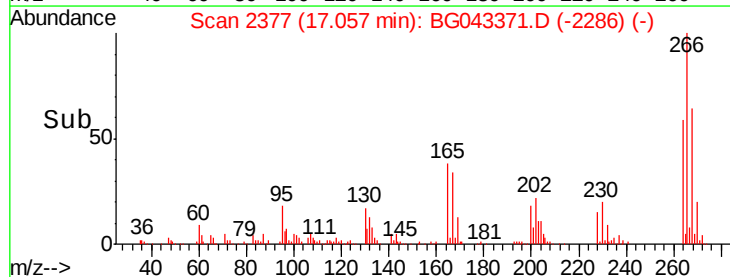
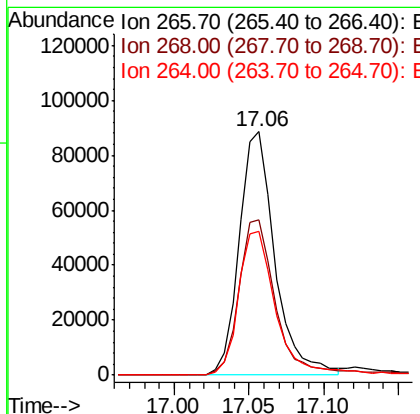
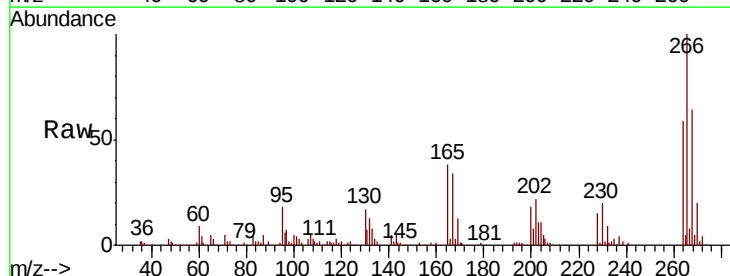
Instrument :
 BNA_G
 ClientSampleId :

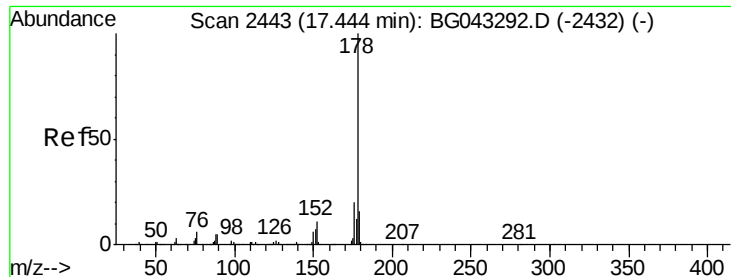
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	5.1	45.1
215	48.5	26.6	66.6



#70
 Pentachlorophenol
 Concen: 84.566 ng
 RT: 17.06 min Scan# 2377
 Delta R.T. 0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	47.1	70.7
264	59.1	50.4	75.6





#71

Phenanthrene

Concen: 38.891 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

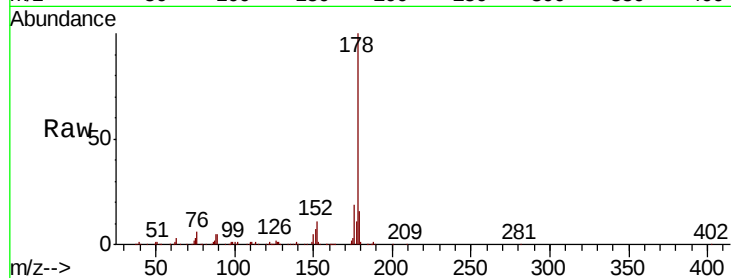
Tot Ion:178 Resp: 491367

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

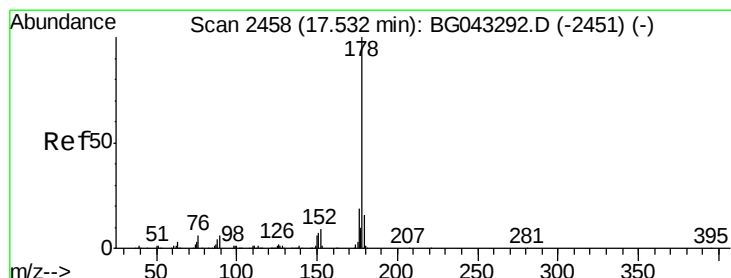
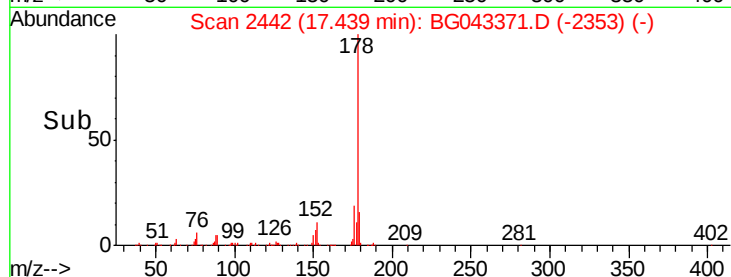
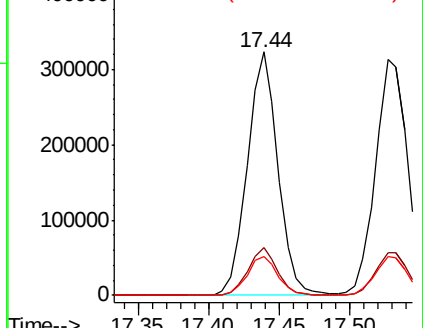
179 16.0 13.1 19.7



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: 40.103 ng

RT: 17.53 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

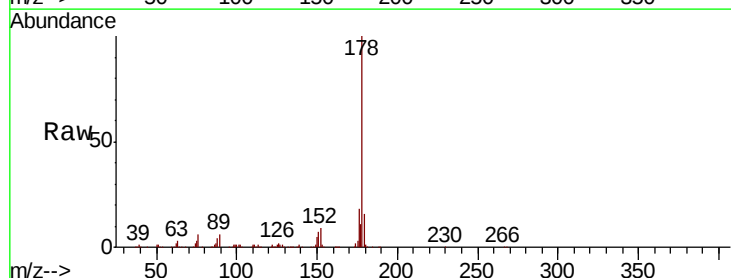
Tgt Ion:178 Resp: 506939

Ion Ratio Lower Upper

178 100

176 17.9 15.1 22.7

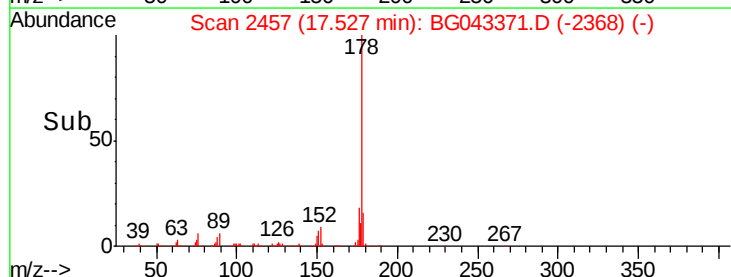
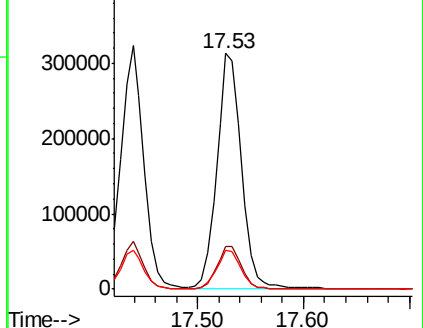
179 16.4 13.0 19.6



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

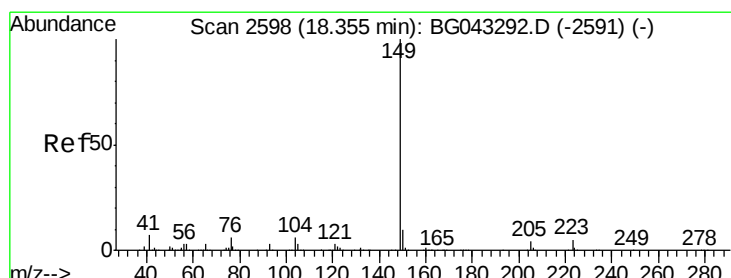
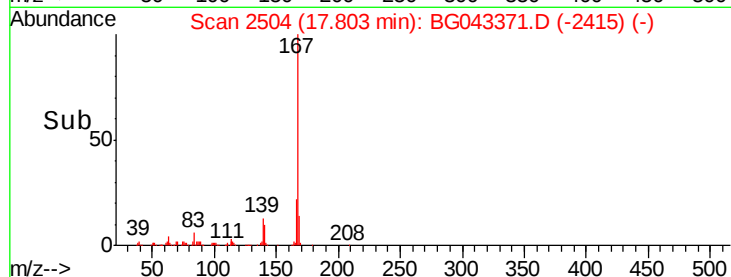
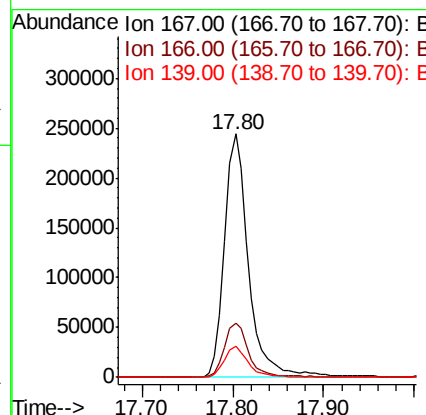
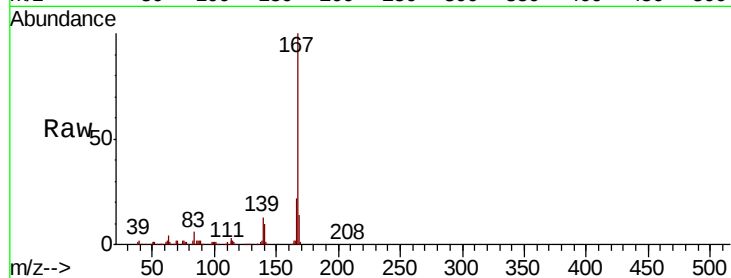




#73
 Carbazole
 Concen: 39.213 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

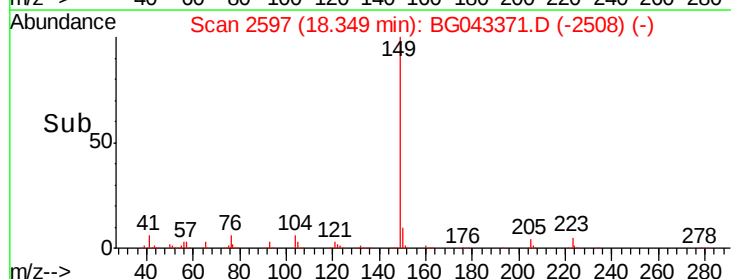
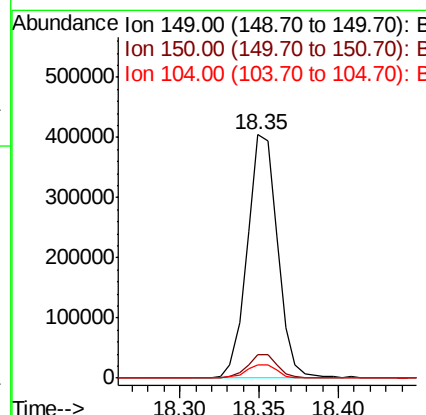
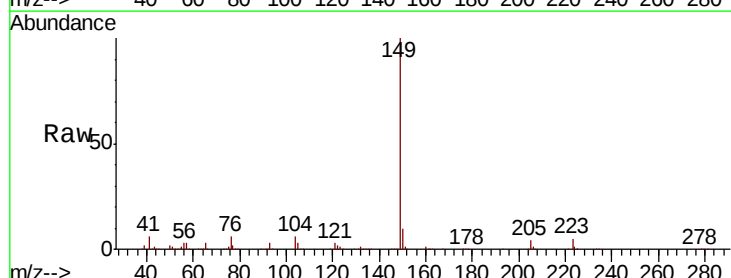
Instrument :
 BNA_G
 ClientSampleId :

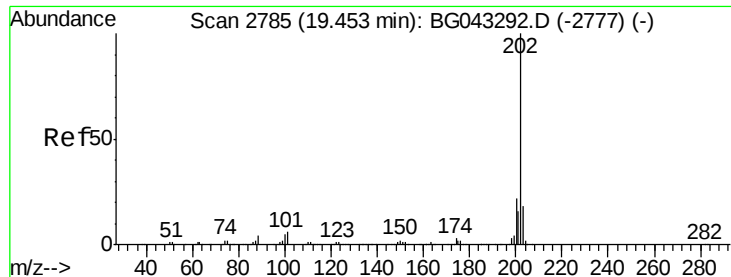
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.4	27.6
139	12.5	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 38.578 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG043371.D
 Acq: 29 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.6	4.7	7.1





#75

Fluoranthene

Concen: 40.361 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

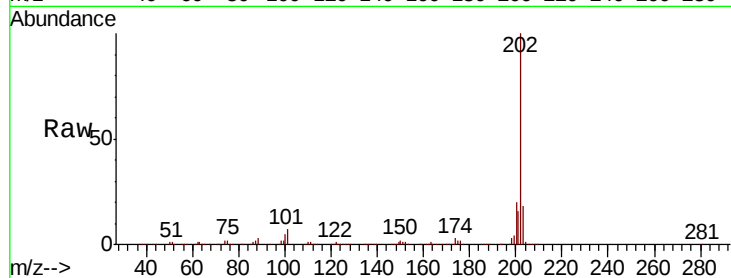
Tot Ion:202 Resp: 664795

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.0

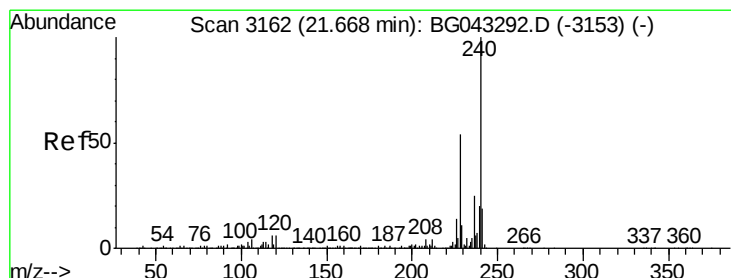
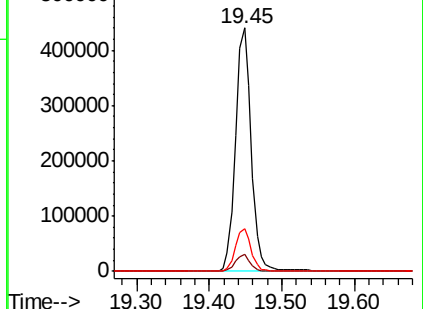
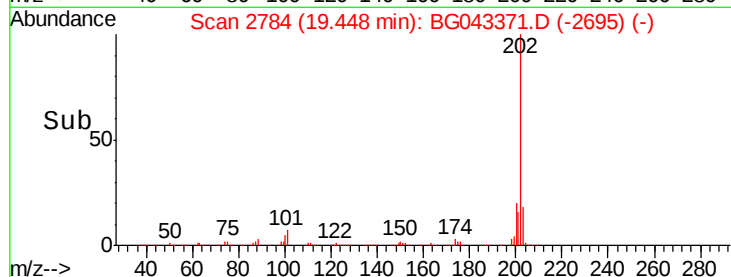
203 17.8 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

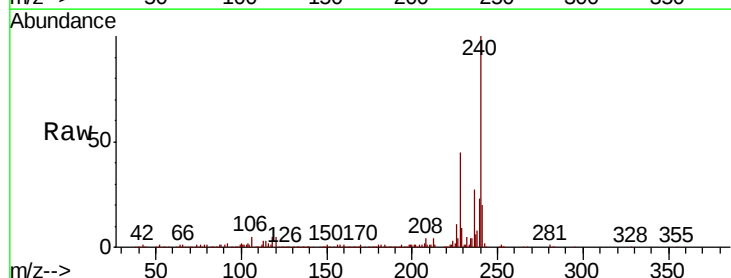
Tgt Ion:240 Resp: 286965

Ion Ratio Lower Upper

240 100

120 5.5 4.6 7.0

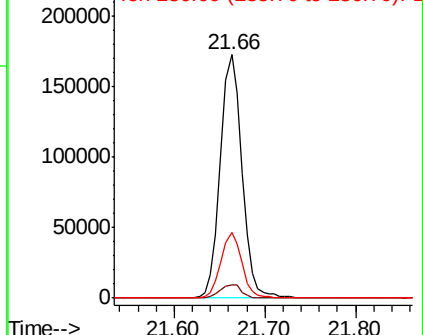
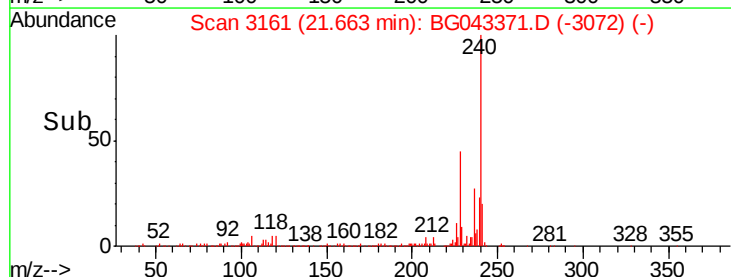
236 26.9 20.2 30.4

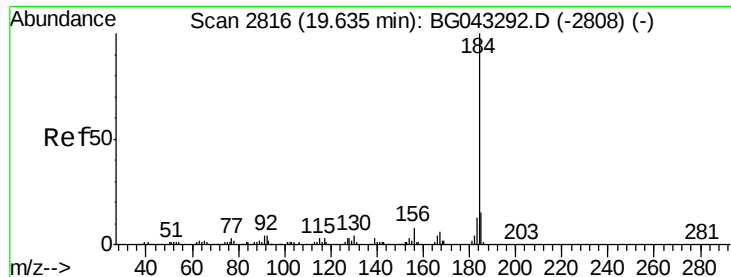


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.532 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

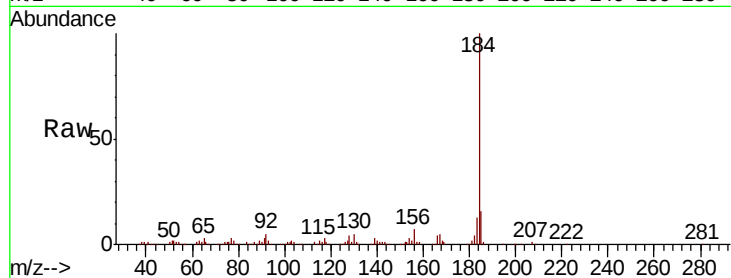
Tot Ion:184 Resp: 297608

Ion Ratio Lower Upper

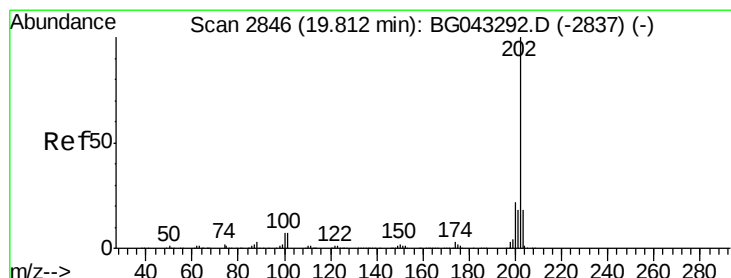
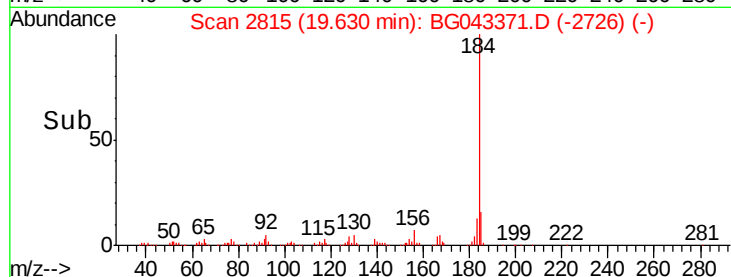
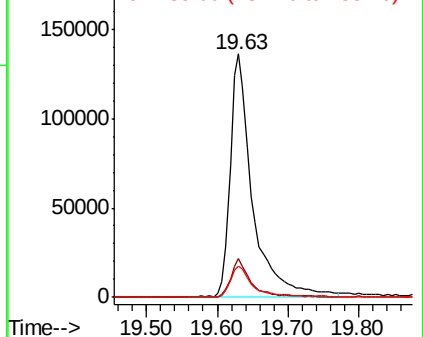
184 100

185 15.7 11.8 17.6

183 12.5 10.6 16.0



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



#78

Pyrene

Concen: 37.655 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

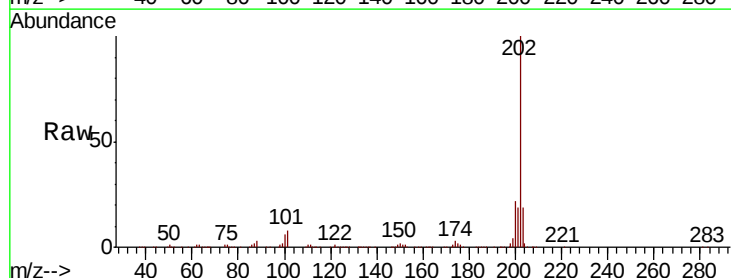
Tgt Ion:202 Resp: 668853

Ion Ratio Lower Upper

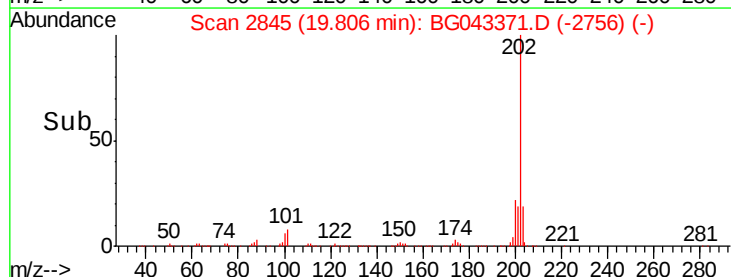
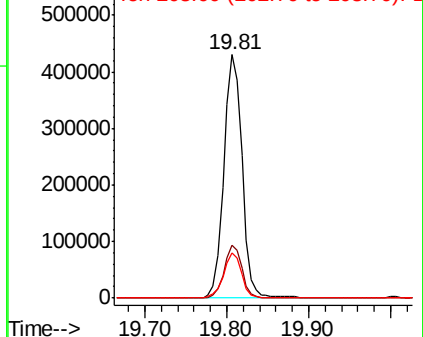
202 100

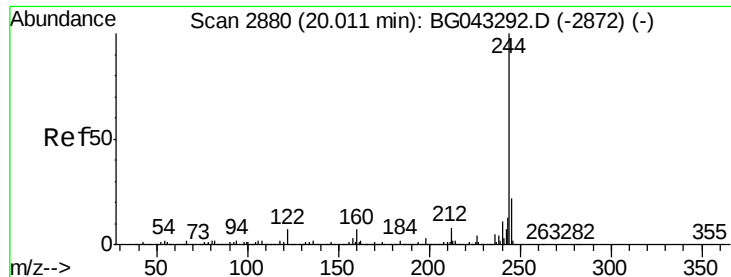
200 21.7 17.3 25.9

203 18.7 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





#79

Terphenyl-d14

Concen: 59.055 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

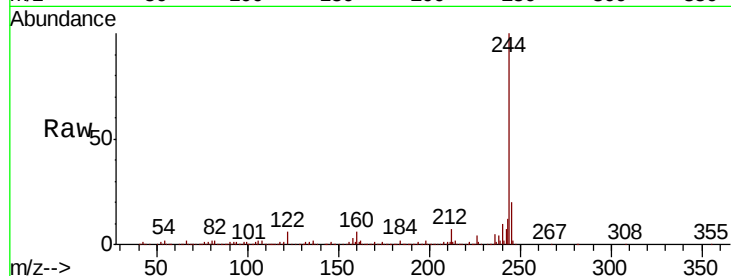
Tot Ion:244 Resp: 903311

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

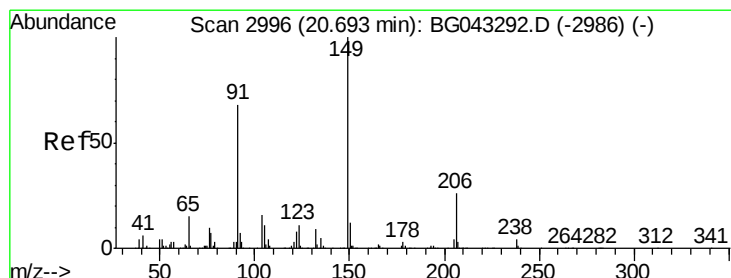
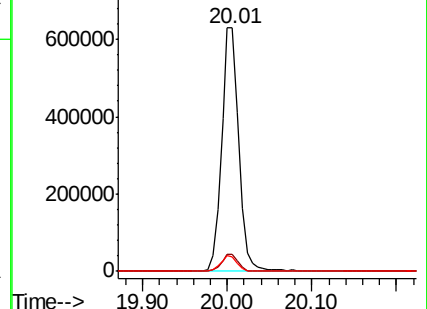
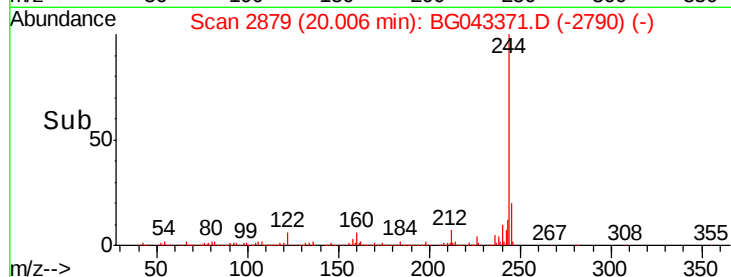
122 5.8 5.3 7.9



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: 36.959 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

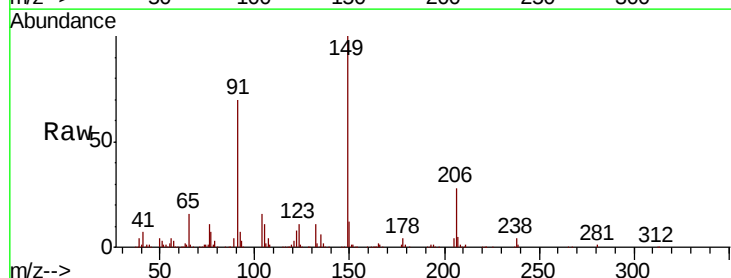
Tgt Ion:149 Resp: 248720

Ion Ratio Lower Upper

149 100

91 70.2 54.6 82.0

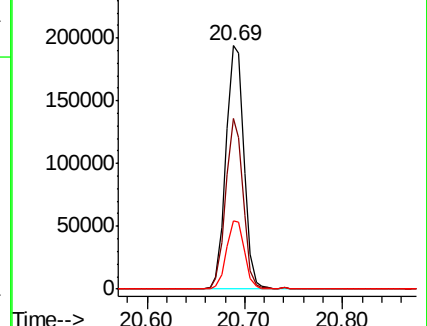
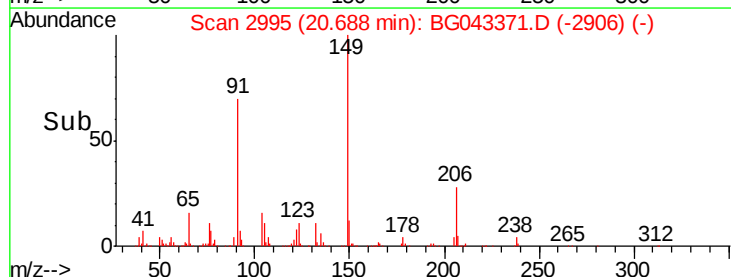
206 27.9 20.5 30.7

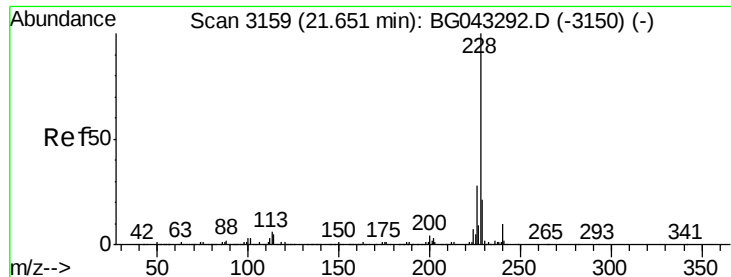


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

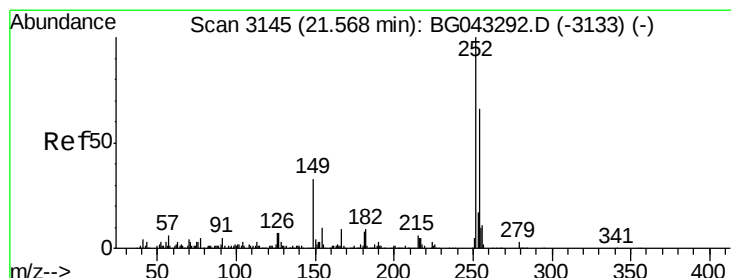
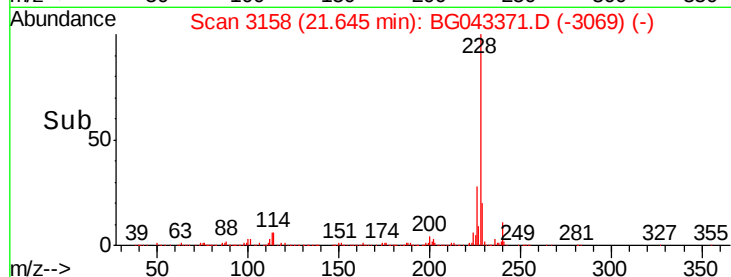
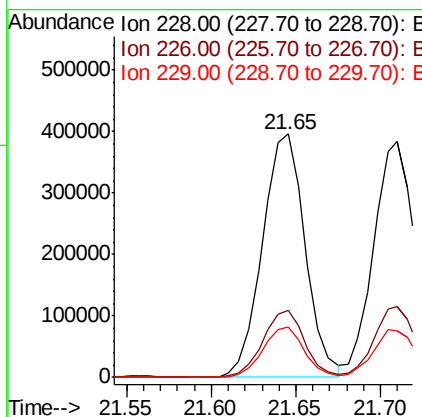
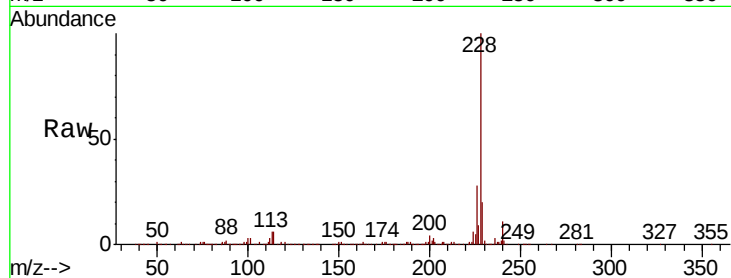




#81
Benzo(a)anthracene
Concen: 38.628 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

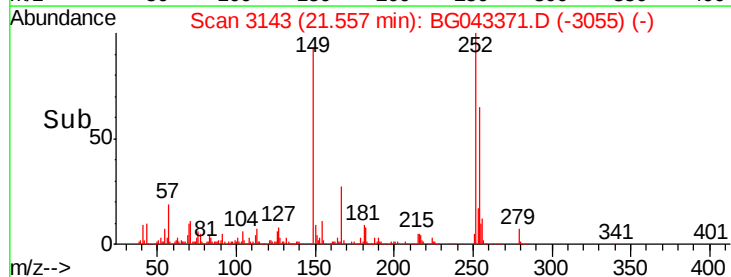
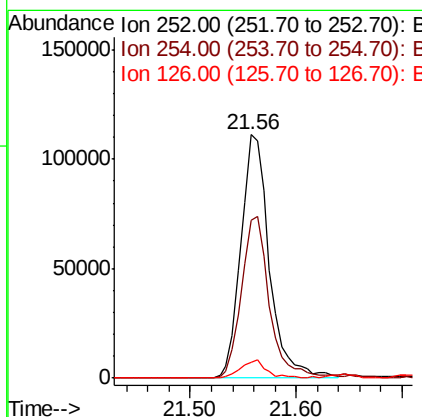
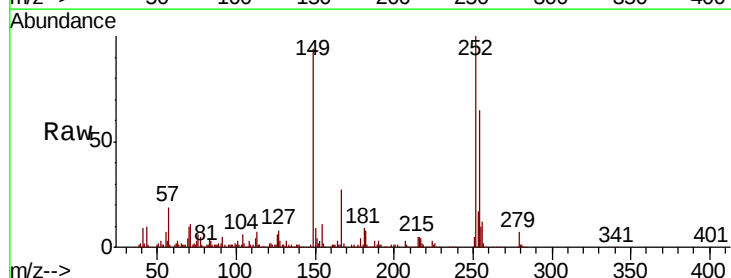
Instrument :
BNA_G
ClientSampled :

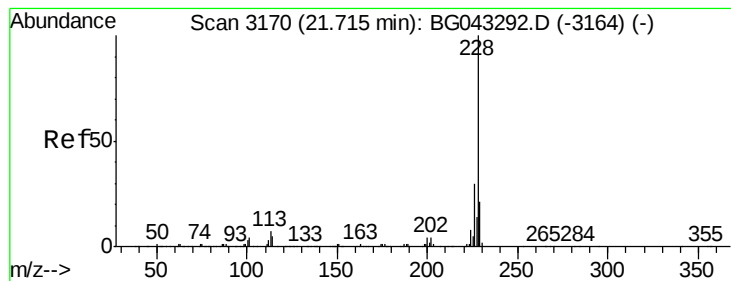
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.4
229	20.4	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 29.896 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.7	79.1
126	6.5	5.6	8.4





#83

Chrvsene

Concen: 37.927 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampled :

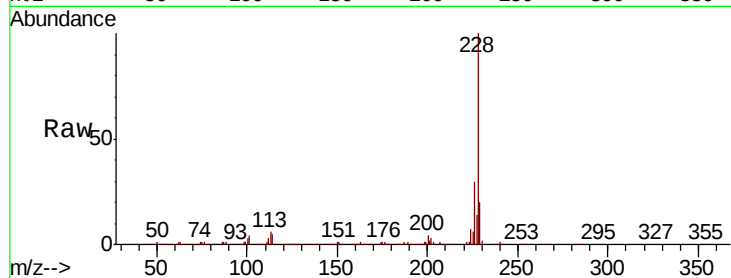
Tot Ion:228 Resp: 677364

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

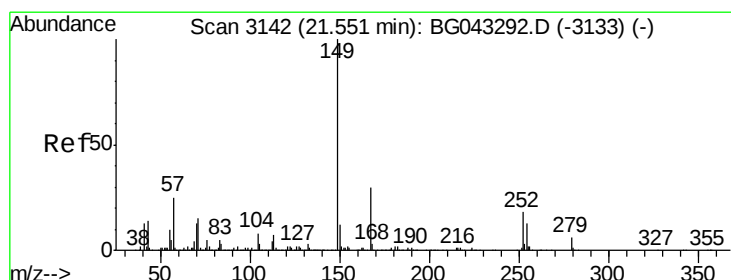
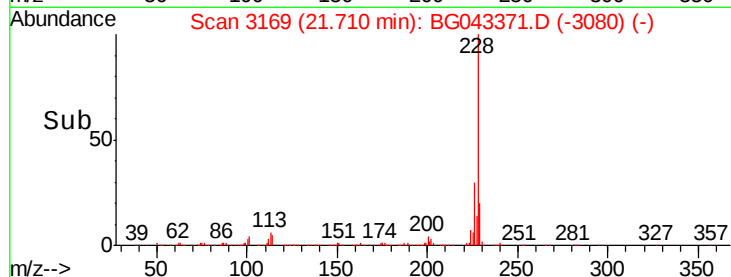
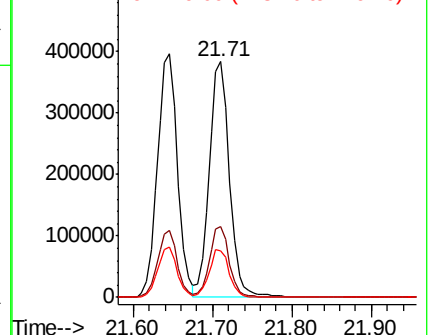
229 19.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.485 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

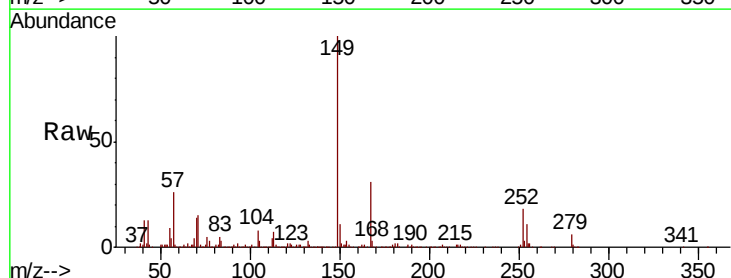
Tgt Ion:149 Resp: 367893

Ion Ratio Lower Upper

149 100

167 31.0 23.9 35.9

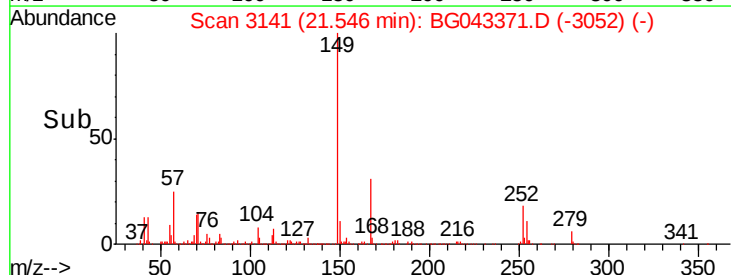
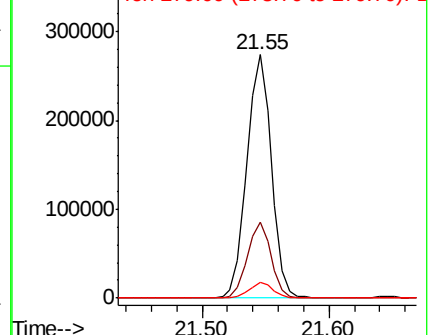
279 6.4 4.8 7.2

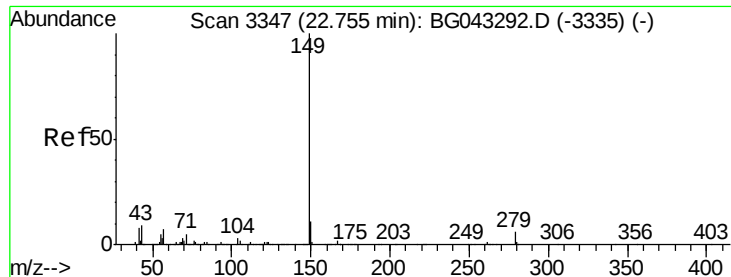


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.880 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

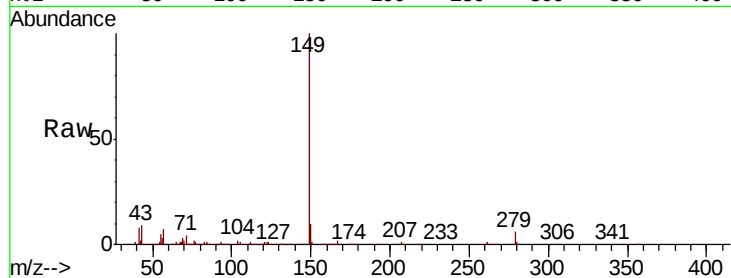
Tot Ion:149 Resp: 630574

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

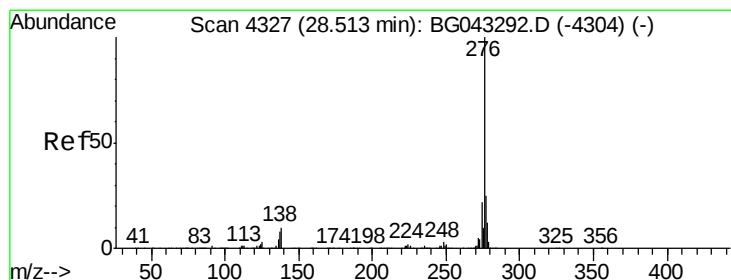
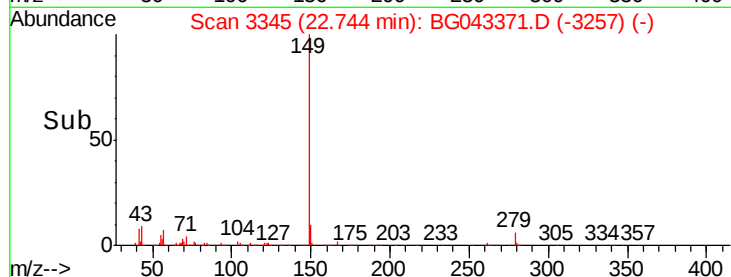
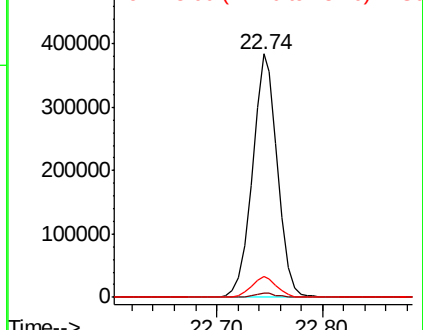
43 8.6 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.207 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

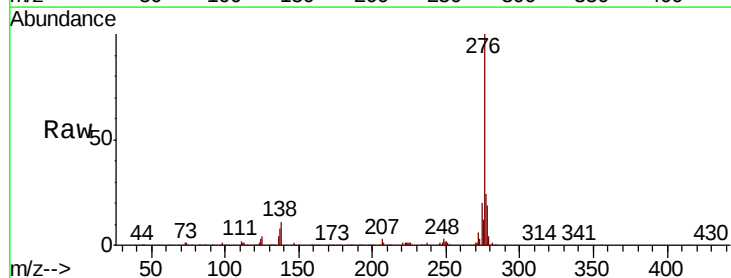
Tgt Ion:276 Resp: 878956

Ion Ratio Lower Upper

276 100

138 5.8 7.2 10.8#

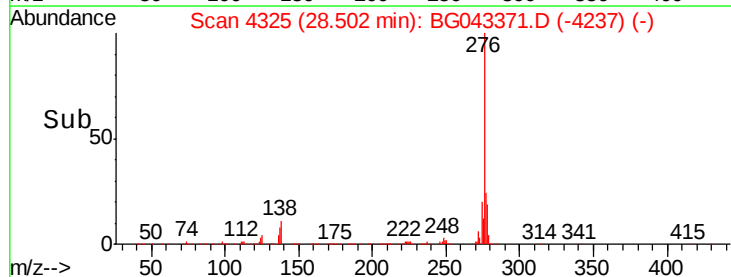
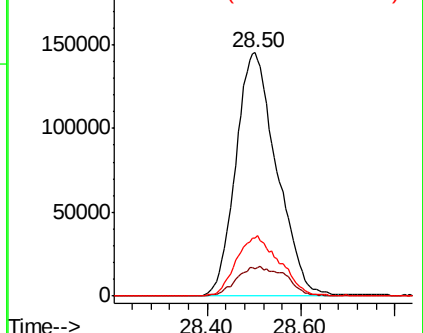
277 25.9 20.9 31.3



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: BG043371.D

Acq: 29 Oct 2019 12:52

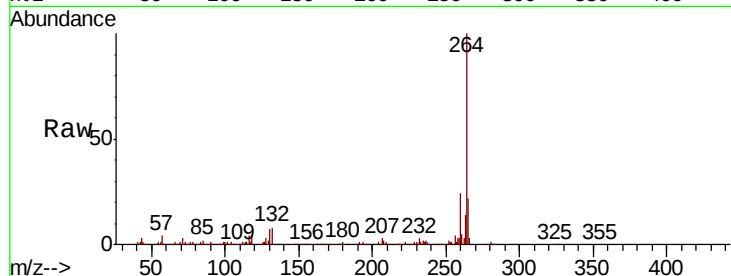
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 335676

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	21.7	17.4	26.2

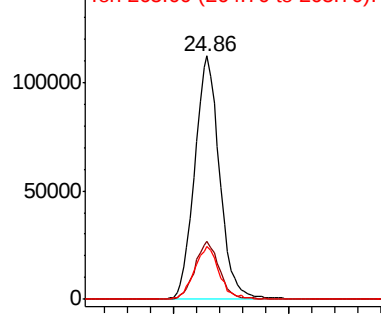


Abundance

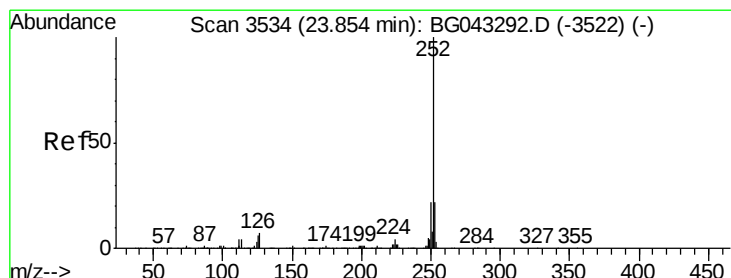
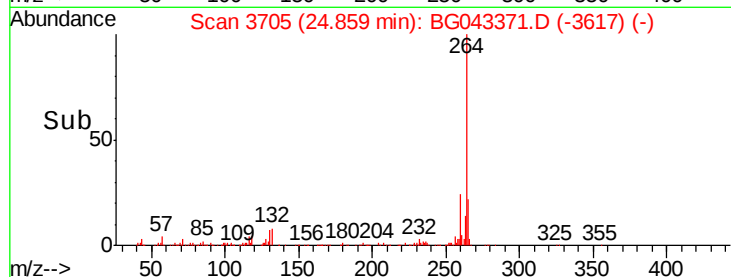
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 38.721 ng

RT: 23.84 min Scan# 3532

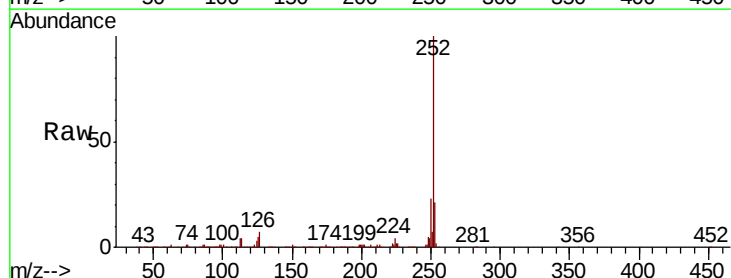
Delta R.T. -0.01 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Tgt Ion:252 Resp: 736154

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.2
125	5.4	5.0	7.6

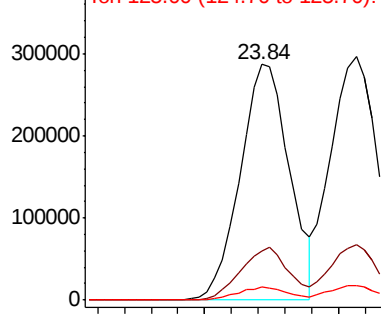


Abundance

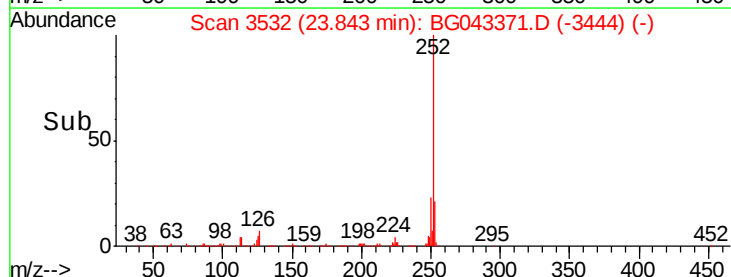
Ion 252.00 (251.70 to 252.70): E

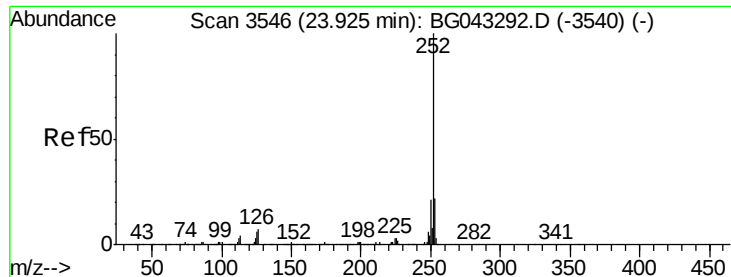
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(k)fluoranthene

Concen: 38.599 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG043371.D

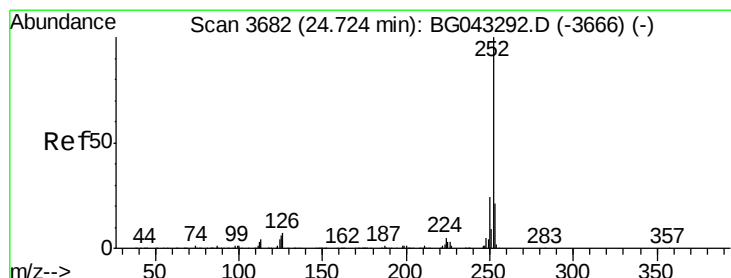
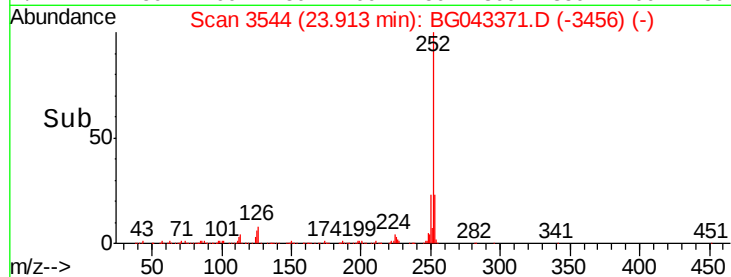
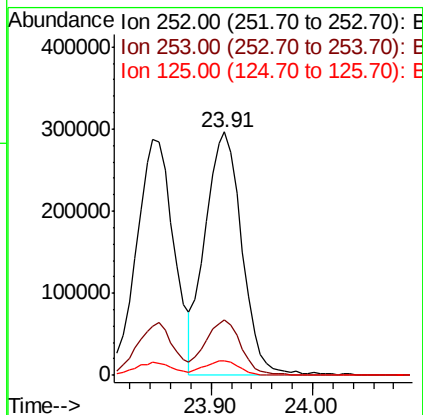
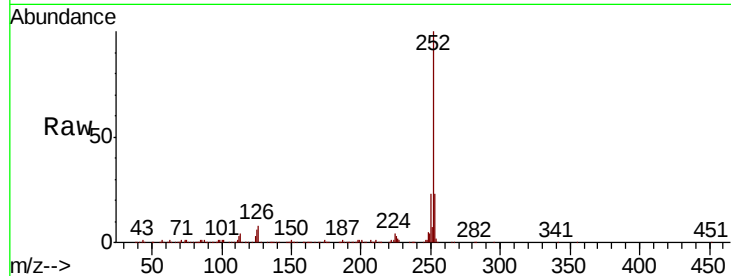
Acq: 29 Oct 2019 12:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	738756
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.6 26.4
125	5.7	4.5 6.7



#90

Benzo(a)pyrene

Concen: 37.585 ng

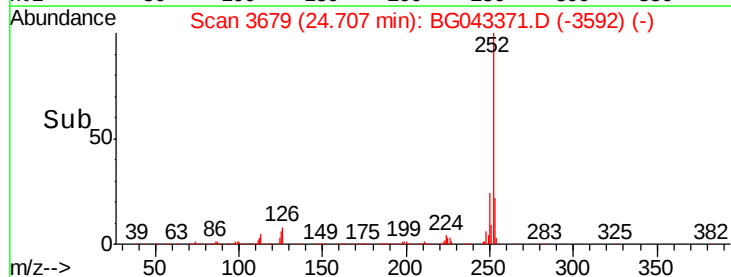
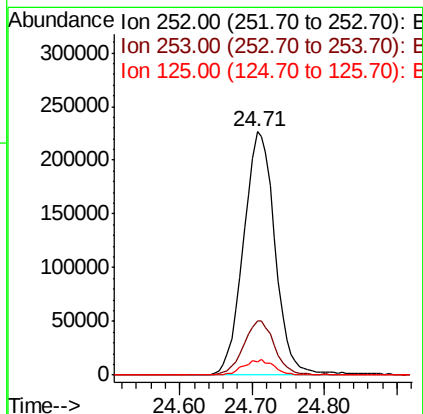
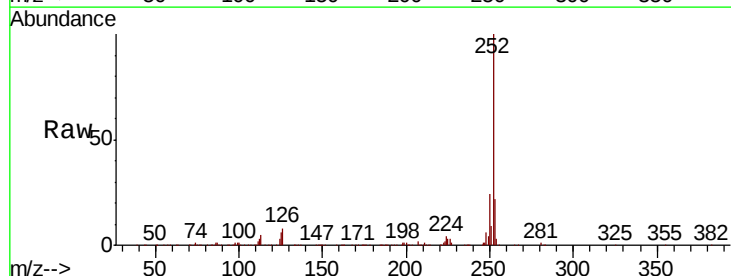
RT: 24.71 min Scan# 3679

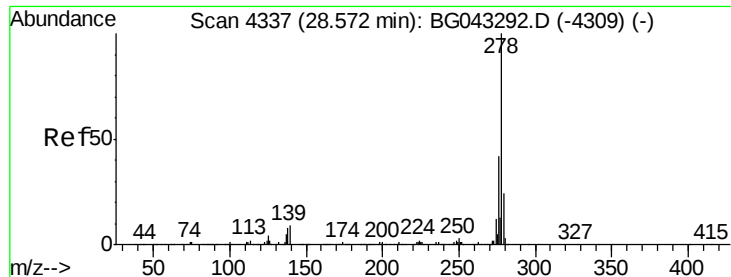
Delta R.T. -0.02 min

Lab File: BG043371.D

Acq: 29 Oct 2019 12:52

Tgt Ion:252	Resp:	682351
Ion Ratio	Lower	Upper
252	100	
253	22.3	17.2 25.8
125	5.6	5.0 7.6

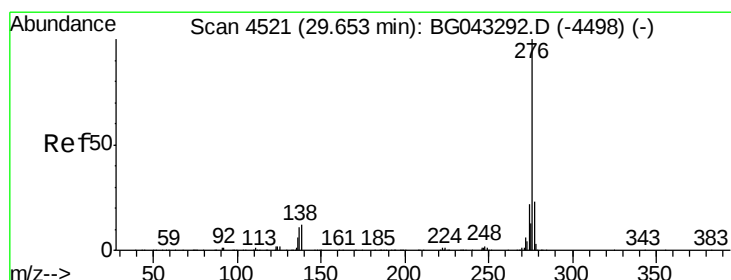
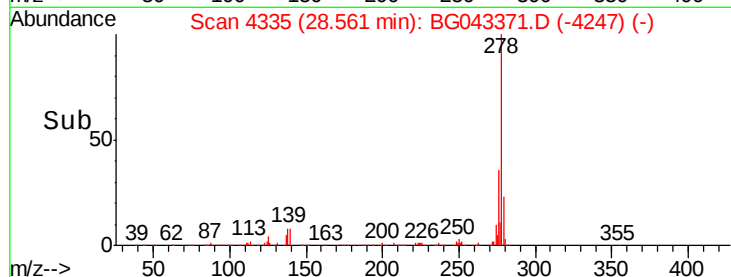
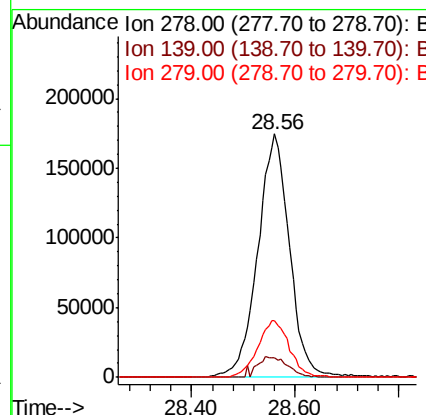
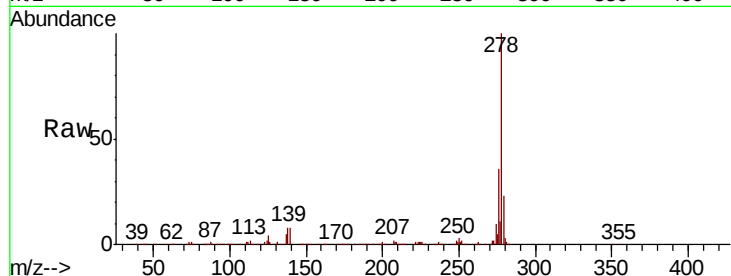




#91
Dibenzo(a,h)anthracene
Concen: 39.893 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.01 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.9	6.8	10.2
279	23.5	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 40.527 ng
RT: 29.64 min Scan# 4518
Delta R.T. -0.02 min
Lab File: BG043371.D
Acq: 29 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	11.8	9.3	13.9

