

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043530.D
 Acq On : 6 Nov 2019 21:26
 Operator : JU
 Sample : K5612-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 01:07:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29782	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	115223	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	81007	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	194261	20.00	ng	0.00
76) Chrysene-d12	21.65	240	212745	20.00	ng	0.00
87) Perylene-d12	24.85	264	252551	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	173648	106.84	ng	0.00
7) Phenol-d6	7.20	99	246074	105.23	ng	0.00
23) Nitrobenzene-d5	9.17	82	147560	66.02	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	143009	92.77	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	372842	63.60	ng	0.00
79) Terphenyl-d14	20.00	244	723039	63.76	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	23498	37.101	ng	98
3) Pyridine	3.87	79	56928	35.632	ng	98
4) n-Nitrosodimethylamine	3.79	42	34270	42.509	ng	97
6) Aniline	7.34	93	47670	17.697	ng	91
8) 2-Chlorophenol	7.58	128	81041	45.171	ng	97
9) Benzaldehyde	7.15	77	40353	35.115	ng	83
10) Phenol	7.22	94	102491	47.965	ng	93
11) bis(2-Chloroethyl)ether	7.42	93	66643	40.340	ng	100
12) 1,3-Dichlorobenzene	7.90	146	89099	39.637	ng	95
13) 1,4-Dichlorobenzene	8.05	146	92013	40.458	ng	97
14) 1,2-Dichlorobenzene	8.36	146	88150	39.697	ng	96
15) Benzyl Alcohol	8.25	79	69521	42.333	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	90768	37.786	ng	94
17) 2-Methylphenol	8.47	107	66176	42.483	ng	96
18) Hexachloroethane	9.09	117	32864	40.052	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	59202	39.181	ng	94
20) 3+4-Methylphenols	8.80	107	92648	43.374	ng	95
22) Acetophenone	8.83	105	116538	39.494	ng	# 95
24) Nitrobenzene	9.22	77	88407	41.524	ng	97
25) Isophorone	9.73	82	166673	40.790	ng	99
26) 2-Nitrophenol	9.93	139	46641	45.376	ng	93
27) 2,4-Dimethylphenol	10.00	122	70887	48.117	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	91870	40.737	ng	99
29) 2,4-Dichlorophenol	10.47	162	82021	43.452	ng	100
30) 1,2,4-Trichlorobenzene	10.68	180	94885	39.883	ng	97
31) Naphthalene	10.87	128	249081	42.588	ng	98
32) Benzoic acid	10.16	122	34178	33.704	ng	94
33) 4-Chloroaniline	10.99	127	26634	11.109	ng	95
34) Hexachlorobutadiene	11.15	225	65618	37.311	ng	97
35) Caprolactam	11.74	113	18609	28.625	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	90142	43.780	ng	99
37) 2-Methylnaphthalene	12.47	142	187309	41.739	ng	99
38) 1-Methylnaphthalene	12.69	142	178566	41.821	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	119943	40.008	ng	98

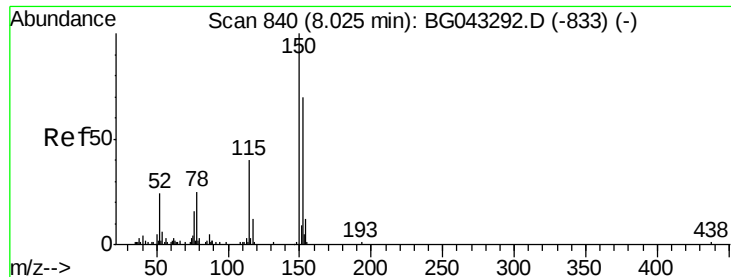
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043530.D
 Acq On : 6 Nov 2019 21:26
 Operator : JU
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Quant Time: Nov 07 01:07:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	114712	72.840	ng	99
43) 2,4,6-Trichlorophenol	13.08	196	75417	42.717	ng	98
44) 2,4,5-Trichlorophenol	13.16	196	81118	45.447	ng	98
46) 1,1'-Biphenyl	13.48	154	253614	41.154	ng	97
47) 2-Chloronaphthalene	13.52	162	194224	41.422	ng	98
48) 2-Nitroaniline	13.72	65	58630	41.836	ng	92
49) Acenaphthylene	14.36	152	319771	43.819	ng	99
50) Dimethylphthalate	14.09	163	324743	51.756	ng	98
51) 2,6-Dinitrotoluene	14.22	165	56245	41.262	ng	99
52) Acenaphthene	14.70	154	187439	42.118	ng	97
53) 3-Nitroaniline	14.55	138	20081	15.258	ng	96
54) 2,4-Dinitrophenol	14.76	184	63356	74.938	ng	98
55) Dibenzofuran	15.04	168	311713	43.192	ng	98
56) 4-Nitrophenol	14.89	139	82584	93.638	ng	90
57) 2,4-Dinitrotoluene	15.00	165	82901	42.555	ng	# 97
58) Fluorene	15.69	166	258486	42.704	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.19	232	75526	39.826	ng	96
60) Diethylphthalate	15.46	149	258008	40.924	ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	144439	40.904	ng	100
62) 4-Nitroaniline	15.72	138	55204	40.616	ng	97
63) Azobenzene	15.97	77	217430	42.613	ng	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	53940	47.182	ng	96
66) n-Nitrosodiphenylamine	15.89	169	231242	42.163	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	104490	39.968	ng	98
68) Hexachlorobenzene	16.70	284	116250	38.738	ng	97
69) Atrazine	16.84	200	102227	53.642	ng	97
70) Pentachlorophenol	17.05	266	111839	81.789	ng	100
71) Phenanthrene	17.43	178	411348	41.351	ng	99
72) Anthracene	17.52	178	430297	43.234	ng	98
73) Carbazole	17.79	167	390272	43.301	ng	99
74) Di-n-butylphthalate	18.34	149	463308	42.366	ng	99
75) Fluoranthene	19.44	202	555632	42.844	ng	99
77) Benzidine	19.62	184	185569	43.341	ng	97
78) Pyrene	19.80	202	563067	42.758	ng	99
80) Butylbenzylphthalate	20.68	149	213760	42.846	ng	94
81) Benzo(a)anthracene	21.64	228	576483	43.259	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	97218	18.862	ng	97
83) Chrysene	21.70	228	566219	42.764	ng	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	306091	43.190	ng	100
85) Di-n-octyl phthalate	22.74	149	532678	44.302	ng	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	730735	43.966	ng	# 57
88) Benzo(b)fluoranthene	23.83	252	604649	42.272	ng	99
89) Benzo(k)fluoranthene	23.90	252	607797	42.209	ng	97
90) Benzo(a)pyrene	24.70	252	568769	41.641	ng	98
91) Dibenzo(a,h)anthracene	28.55	278	618696	44.284	ng	99
92) Benzo(g,h,i)perylene	29.63	276	617958	44.841	ng	99

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

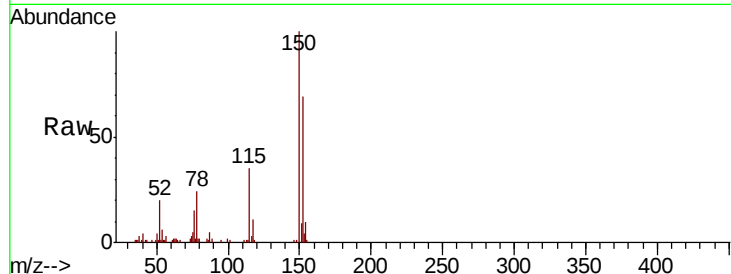


#1

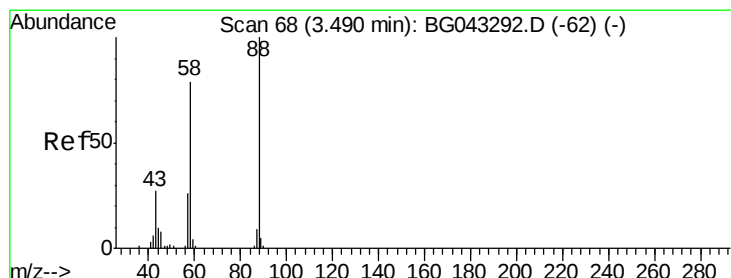
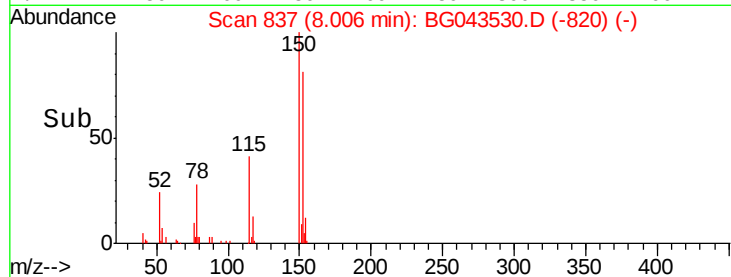
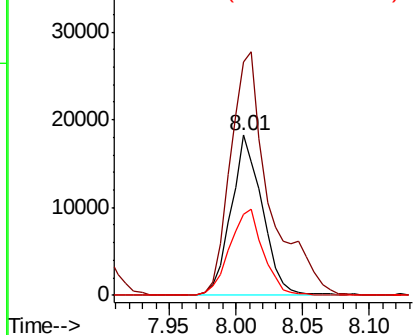
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29782
Ion Ratio Lower Upper
152 100
150 145.4 129.4 194.0
115 50.7 48.8 73.2



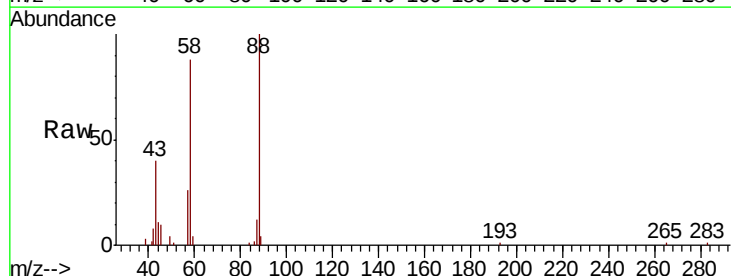
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



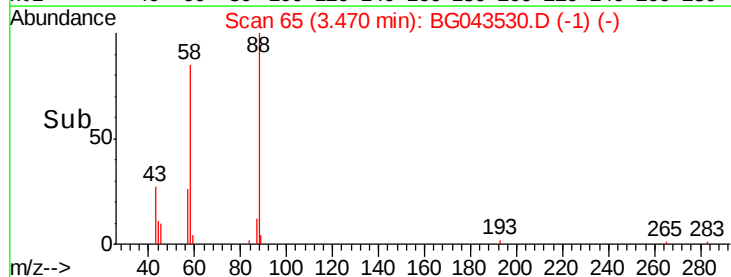
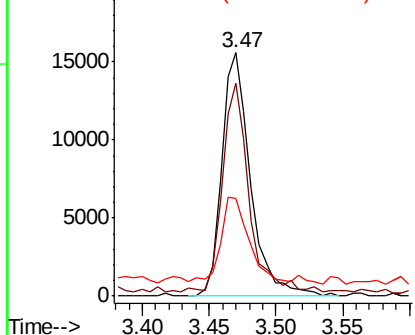
#2

1,4-Dioxane
Concen: 37.101 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion: 88 Resp: 23498
Ion Ratio Lower Upper
88 100
58 78.2 62.7 94.1
43 33.0 23.7 35.5



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: 35.632 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

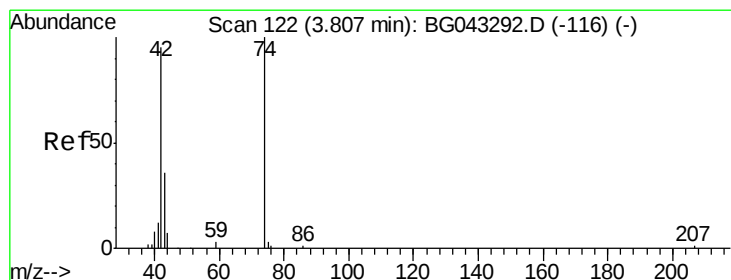
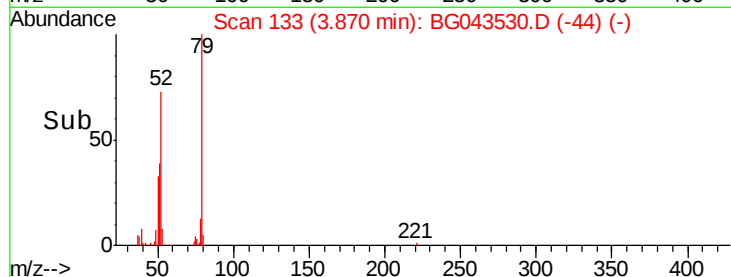
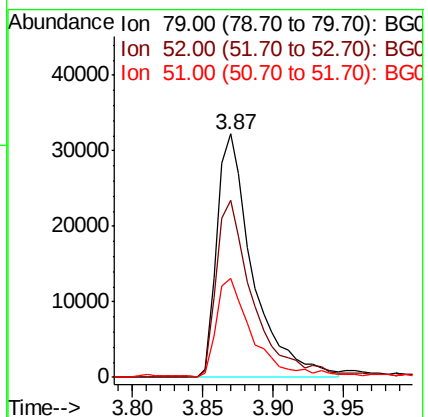
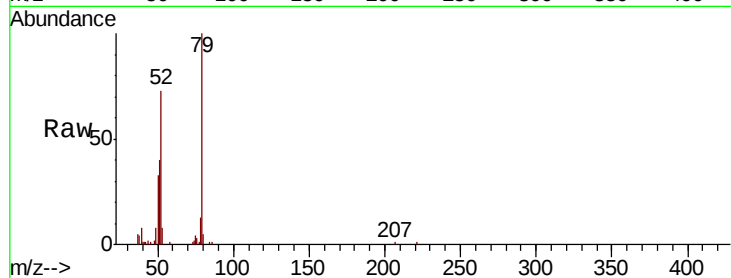
Tot Ion: 79 Resp: 56928

Ion Ratio Lower Upper

79 100

52 73.0 56.5 84.7

51 40.4 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 42.509 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

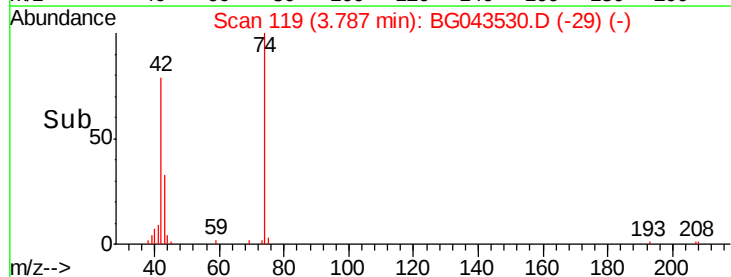
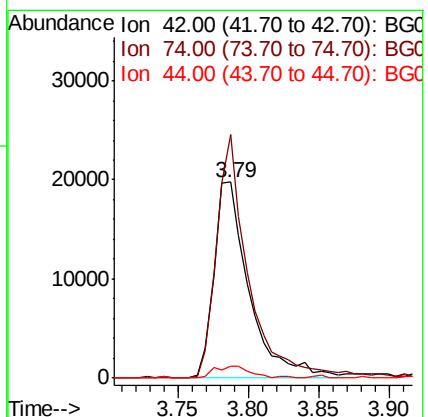
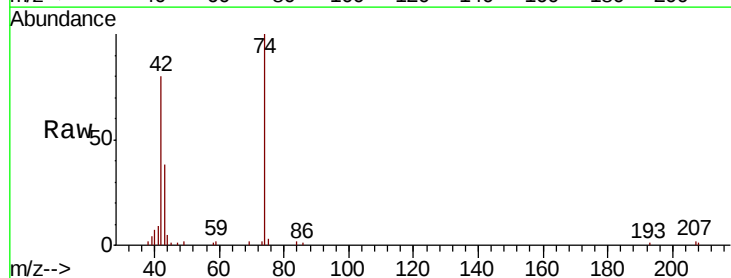
Tgt Ion: 42 Resp: 34270

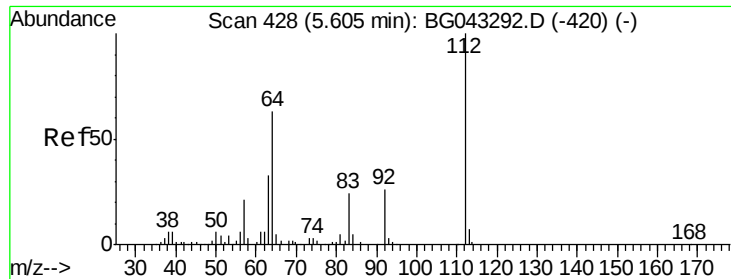
Ion Ratio Lower Upper

42 100

74 124.4 97.3 145.9

44 6.3 4.4 6.6





#5

2-Fluorophenol

Concen: 106.843 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampled :

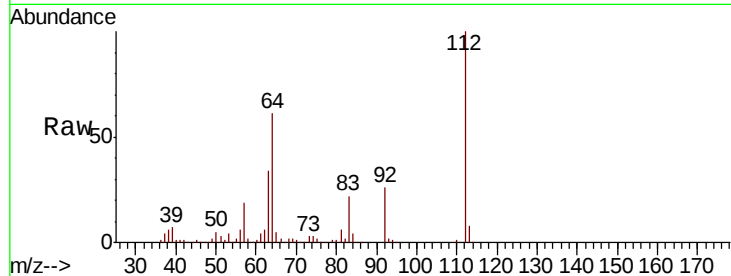
Tot Ion:112 Resp: 173648

Ion Ratio Lower Upper

112 100

64 61.3 50.0 75.0

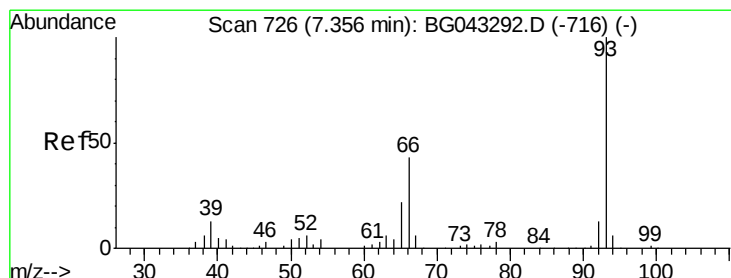
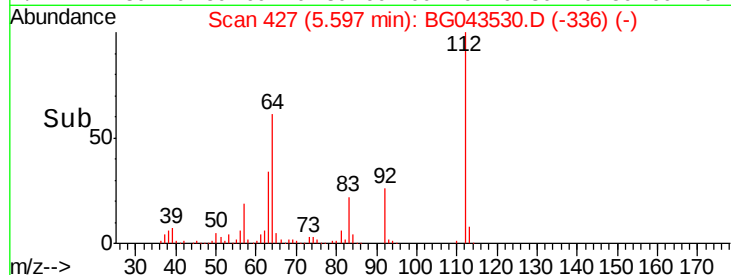
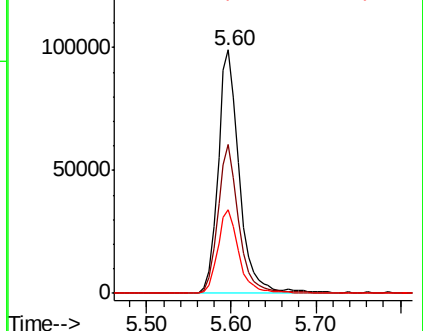
63 34.3 26.6 40.0



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: 17.697 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

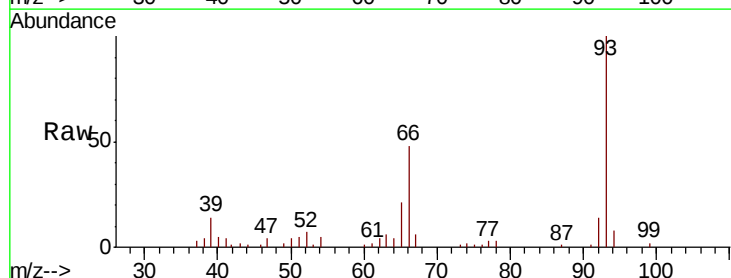
Tgt Ion: 93 Resp: 47670

Ion Ratio Lower Upper

93 100

66 47.9 32.3 48.5

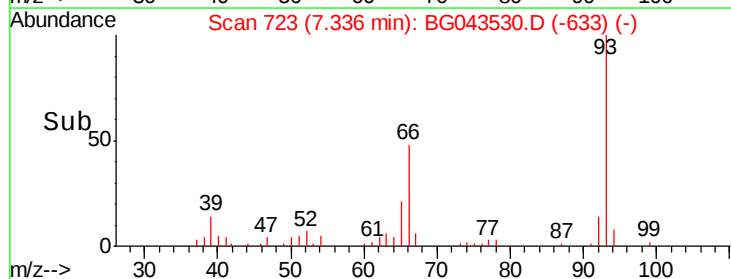
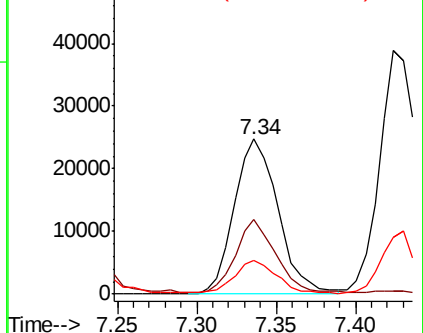
65 21.5 16.1 24.1

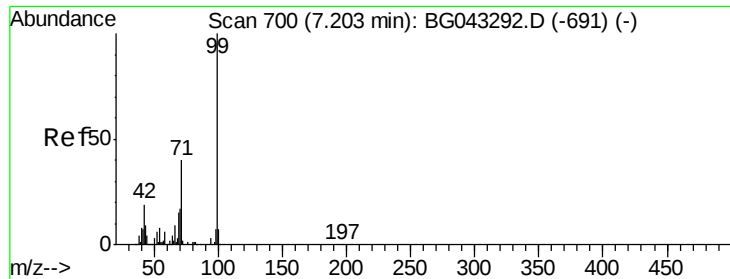


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 105.233 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

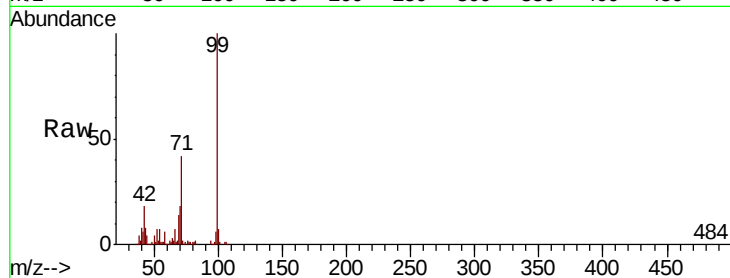
Tot Ion: 99 Resp: 246074

Ion Ratio Lower Upper

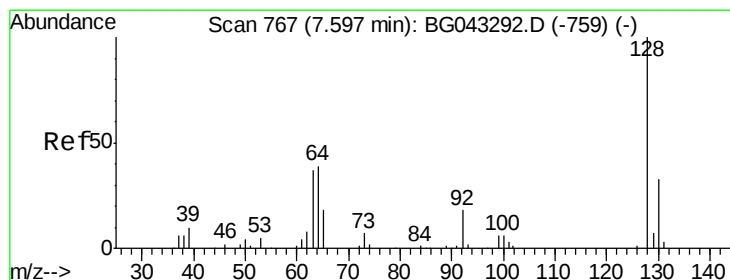
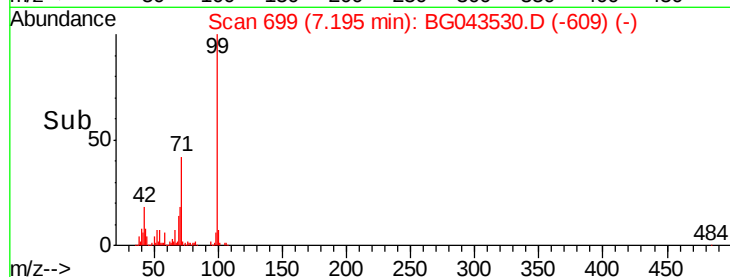
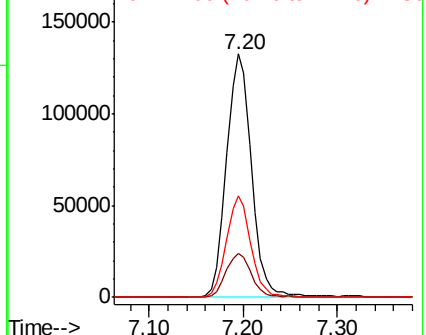
99 100

42 18.3 14.6 21.8

71 41.7 32.5 48.7



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: 45.171 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

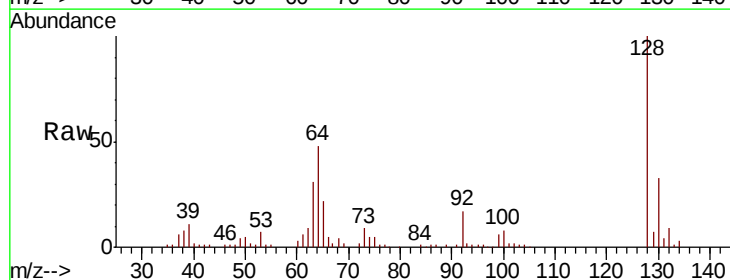
Tgt Ion: 128 Resp: 81041

Ion Ratio Lower Upper

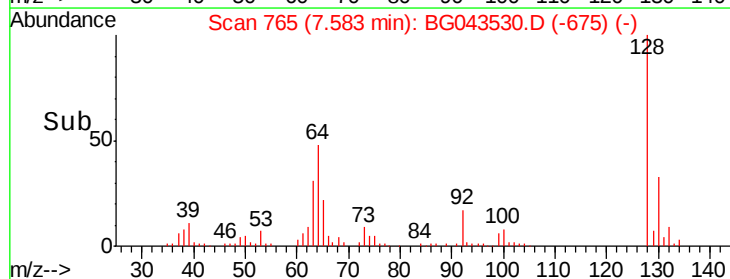
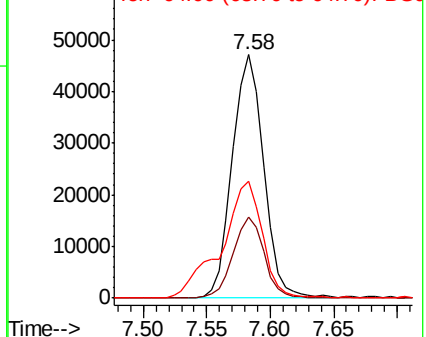
128 100

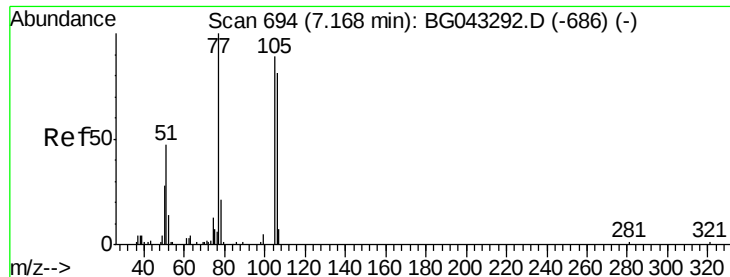
130 33.2 12.5 52.5

64 48.2 25.3 65.3



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: 35.115 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

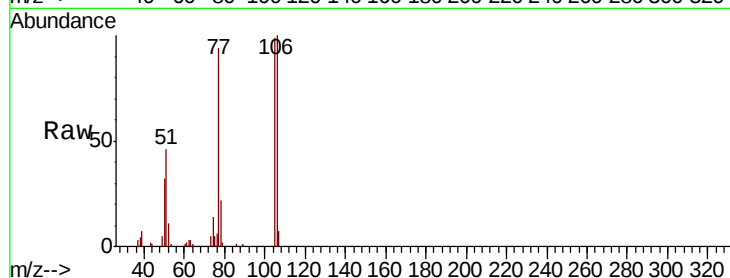
Tot Ion: 77 Resp: 40353

Ion Ratio Lower Upper

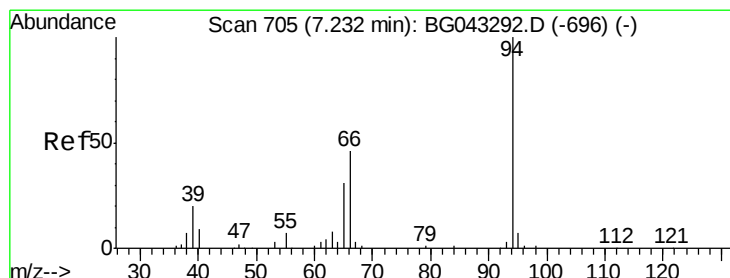
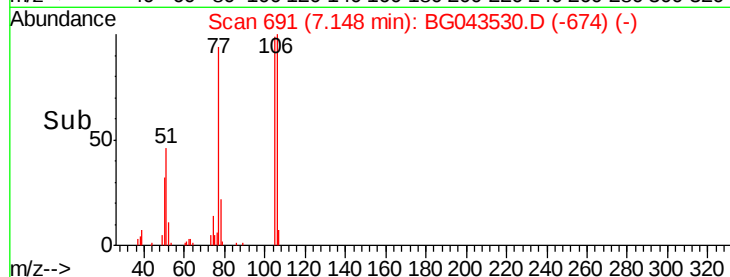
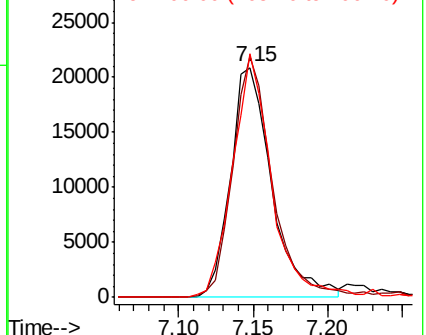
77 100

105 105.1 68.6 108.6

106 106.0 69.9 109.9



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: 47.965 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

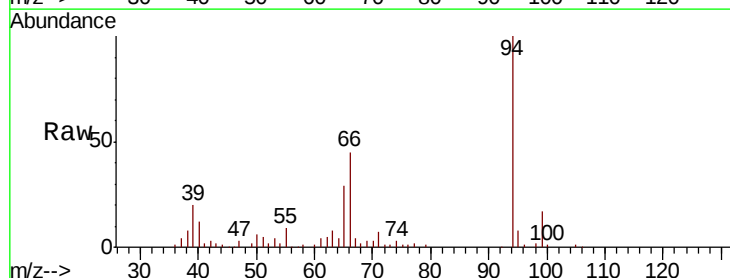
Tgt Ion: 94 Resp: 102491

Ion Ratio Lower Upper

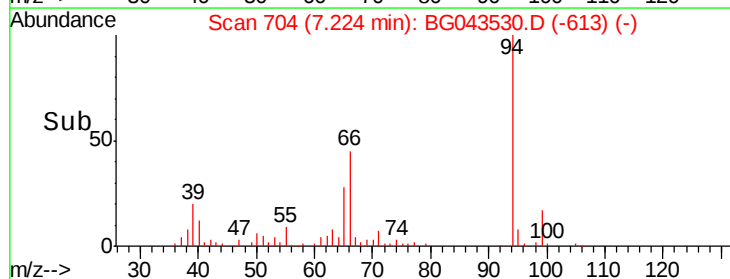
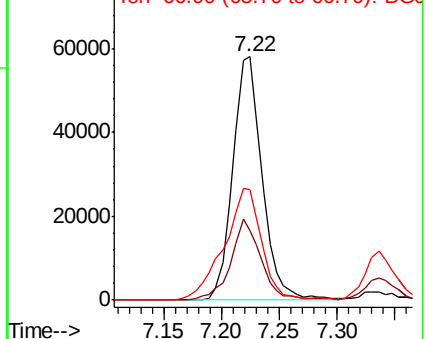
94 100

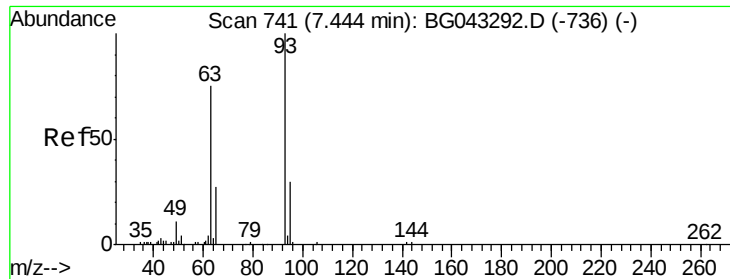
65 28.6 12.6 52.6

66 45.4 30.7 70.7



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

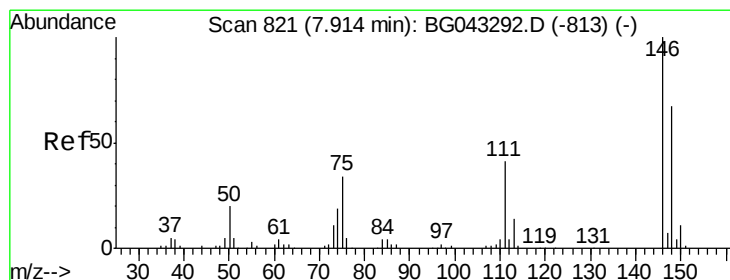
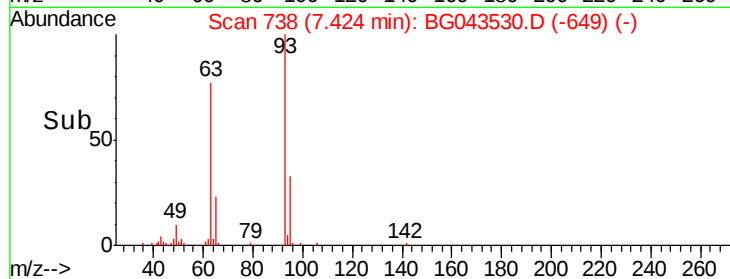
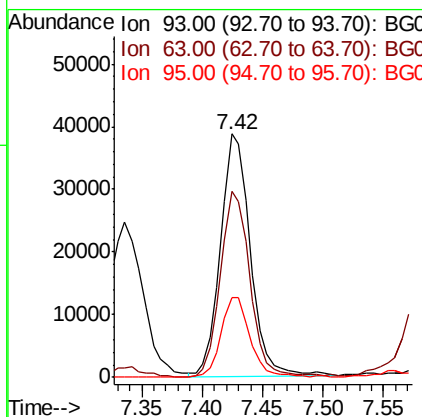
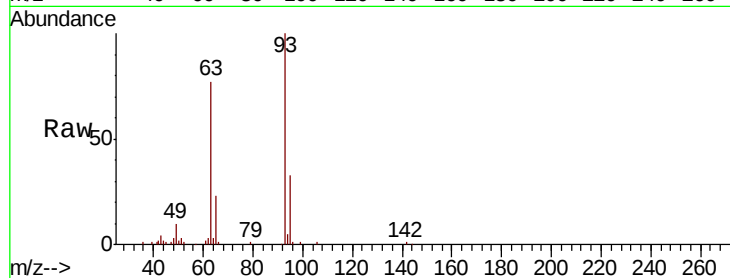




#11
 bis(2-Chloroethyl)ether
 Concen: 40.340 ng
 RT: 7.42 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

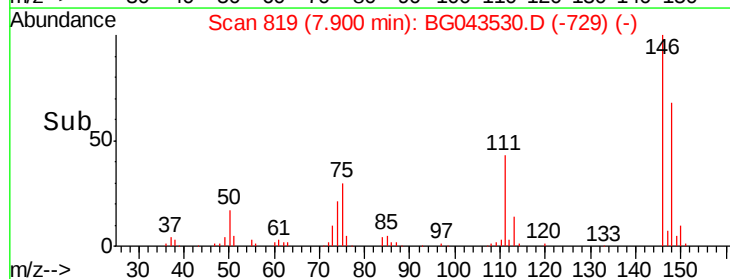
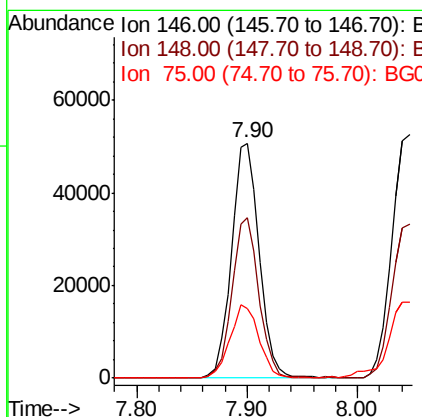
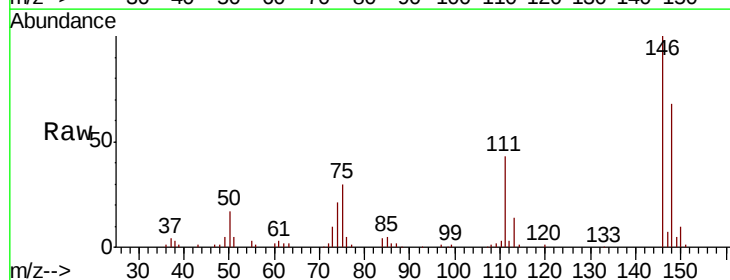
Instrument :
 BNA_G
 ClientSampled :

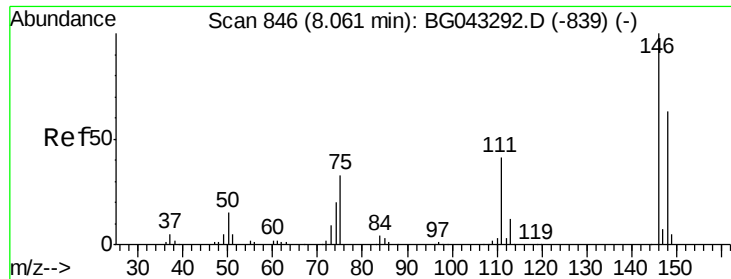
Tot Ion: 93 Resp: 66643
 Ion Ratio Lower Upper
 93 100
 63 76.5 56.3 96.3
 95 32.5 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 39.637 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Tgt Ion: 146 Resp: 89099
 Ion Ratio Lower Upper
 146 100
 148 67.9 50.3 75.5
 75 29.8 24.6 37.0

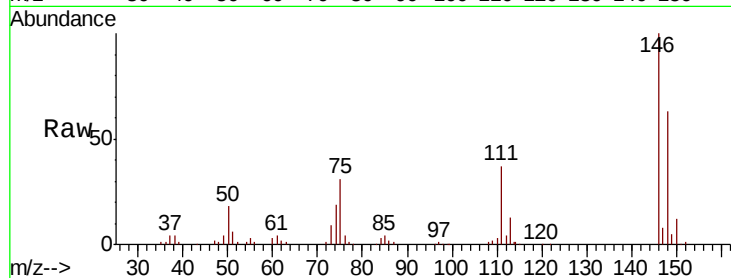




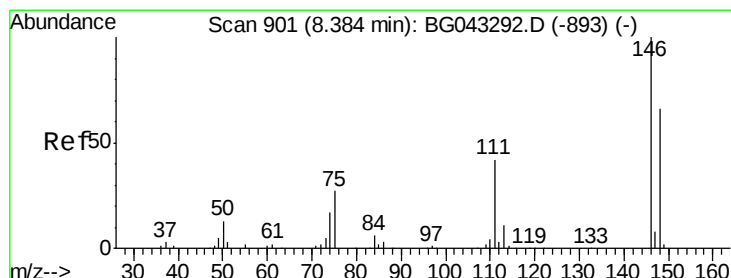
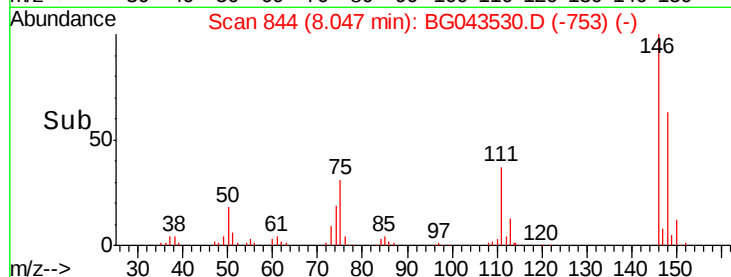
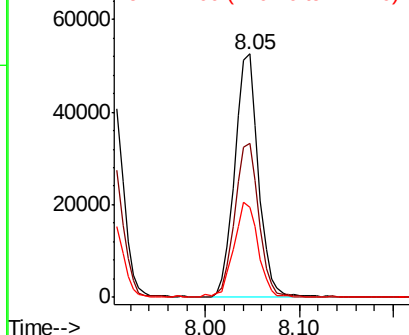
#13
 1,4-Dichlorobenzene
 Concen: 40.458 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 92013
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.7 76.1
 111 36.7 33.4 50.2

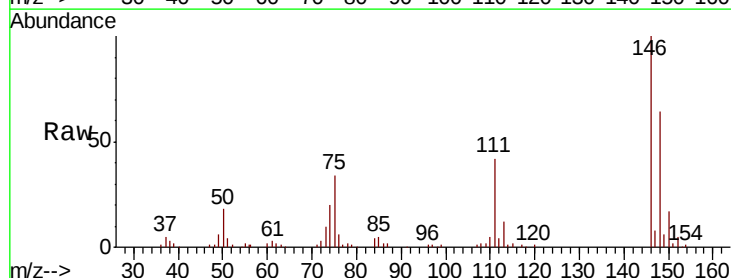


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

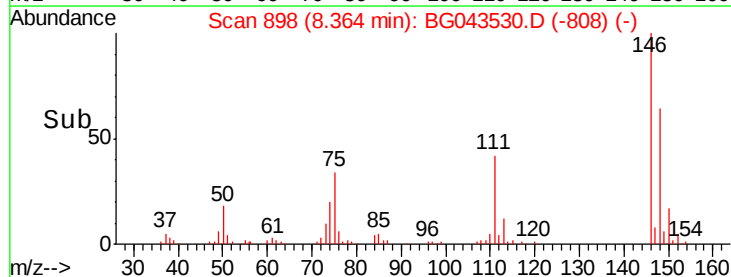
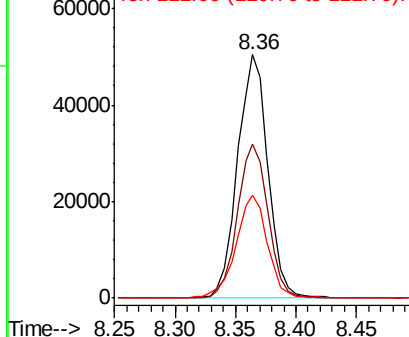


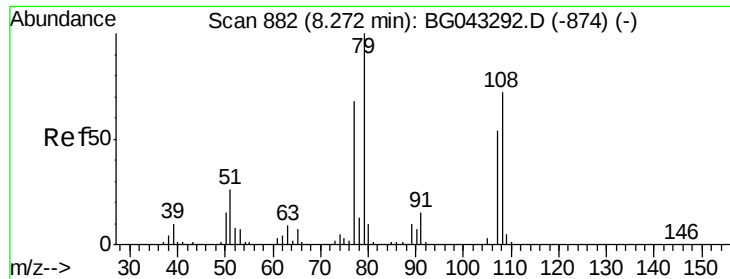
#14
 1,2-Dichlorobenzene
 Concen: 39.697 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Tgt Ion:146 Resp: 88150
 Ion Ratio Lower Upper
 146 100
 148 63.5 53.2 79.8
 111 42.2 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 42.333 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

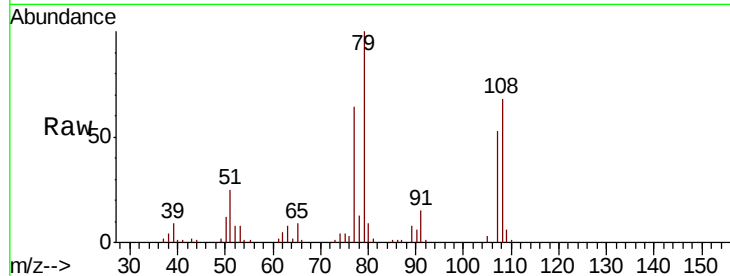
Tot Ion: 79 Resp: 69521

Ion Ratio Lower Upper

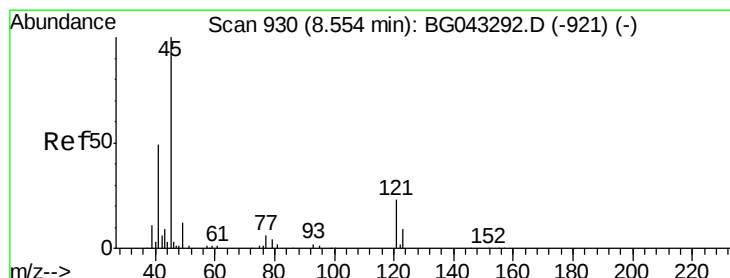
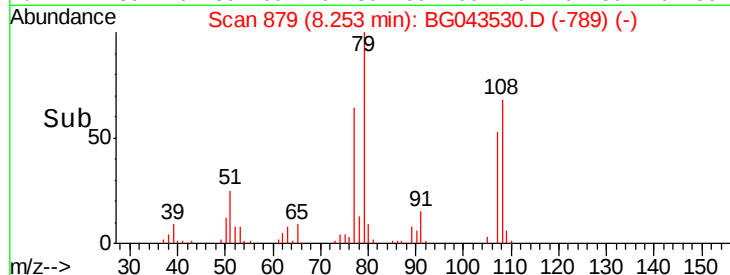
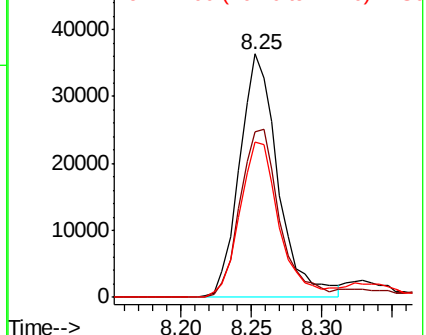
79 100

108 67.9 53.6 80.4

77 64.0 49.6 74.4



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: 37.786 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

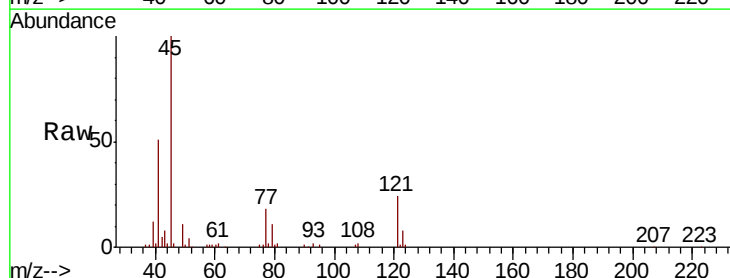
Tgt Ion: 45 Resp: 90768

Ion Ratio Lower Upper

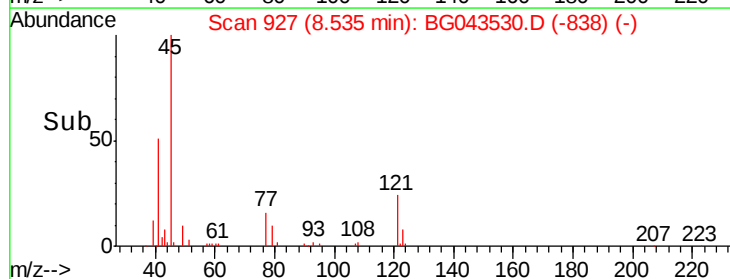
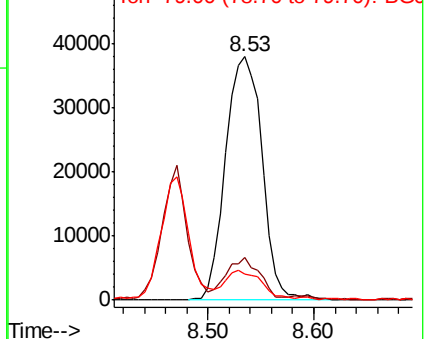
45 100

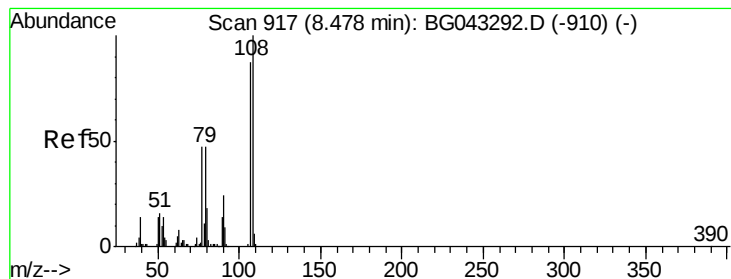
77 17.8 0.0 34.9

79 10.7 0.0 33.0



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

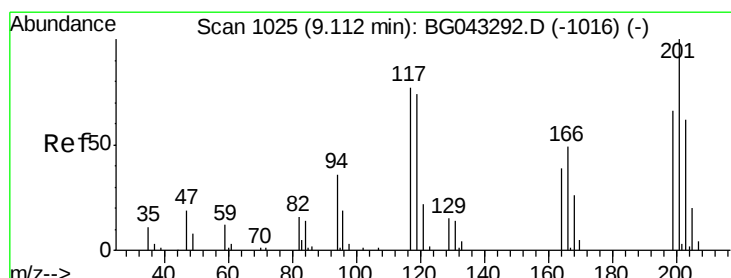
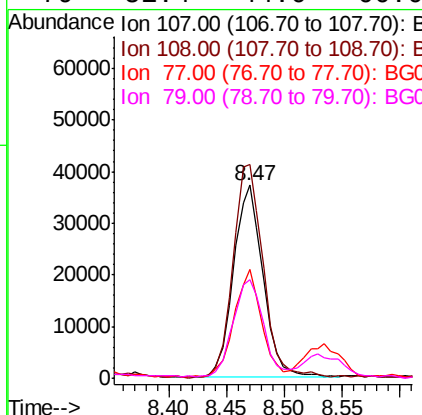
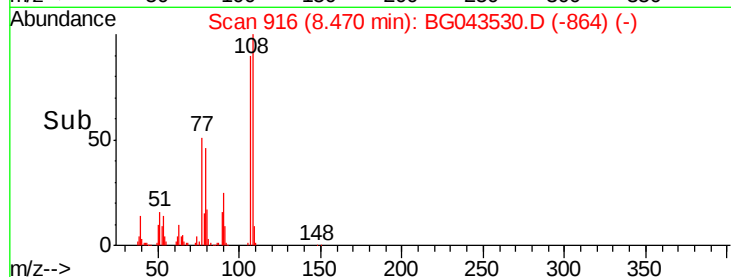
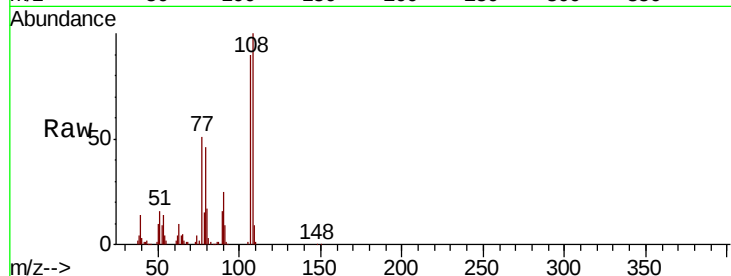




#17
2-Methylphenol
Concen: 42.483 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

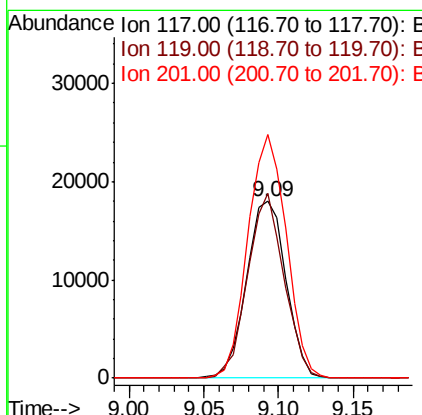
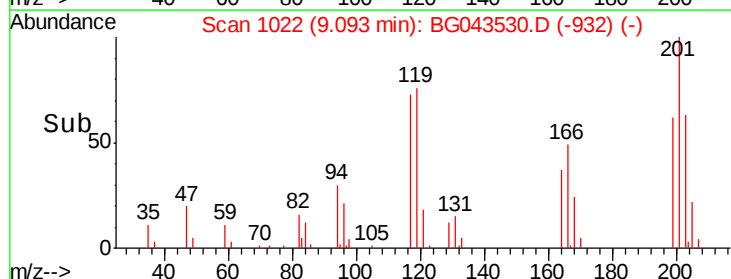
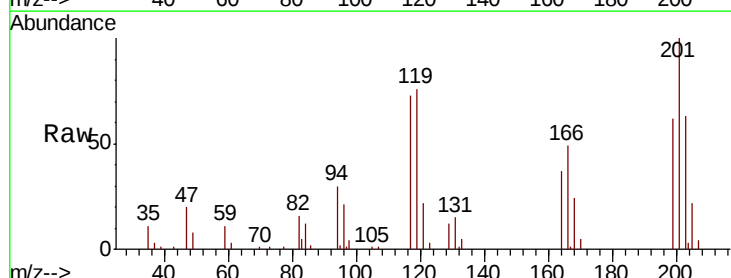
Instrument :
BNA_G
ClientSampleId :

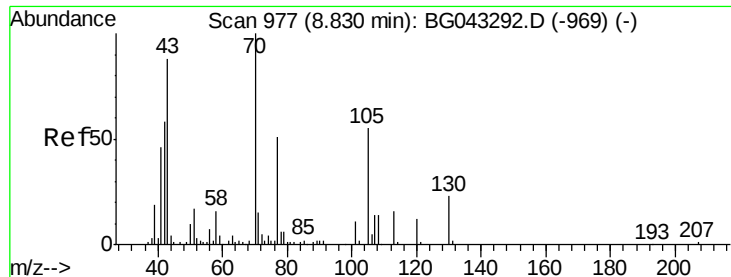
Tot Ion:107 Resp: 66176
Ion Ratio Lower Upper
107 100
108 110.8 90.2 135.4
77 56.2 40.2 60.2
79 51.4 44.0 66.0



#18
Hexachloroethane
Concen: 40.052 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion:117 Resp: 32864
Ion Ratio Lower Upper
117 100
119 104.4 79.0 118.4
201 137.5 105.4 158.2

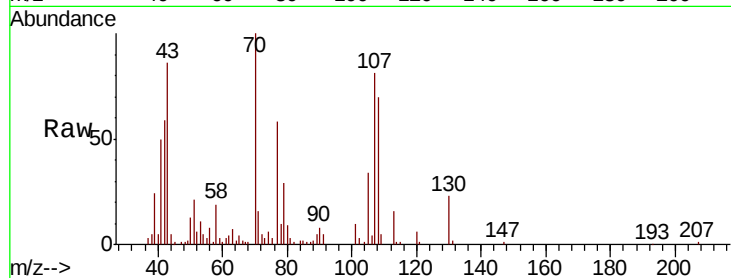




#19
n-Nitroso-di-n-propylamine
Concen: 39.181 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	59202
Ion	Ratio	Lower	Upper
70	100		
42	58.5	41.4	62.2
101	10.0	7.9	11.9
130	23.5	19.0	28.4



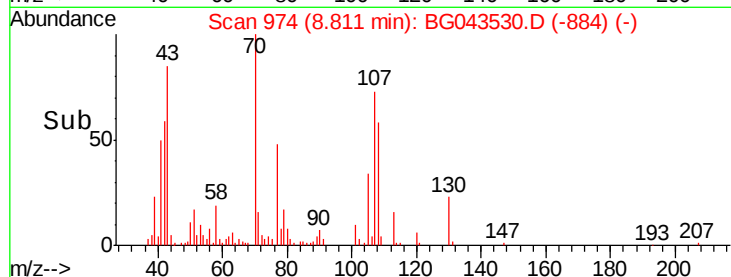
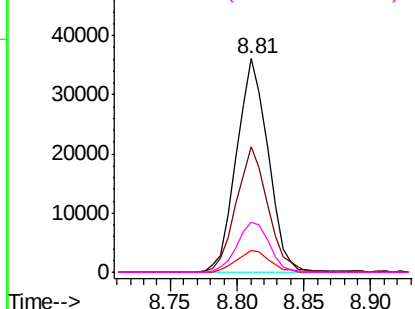
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

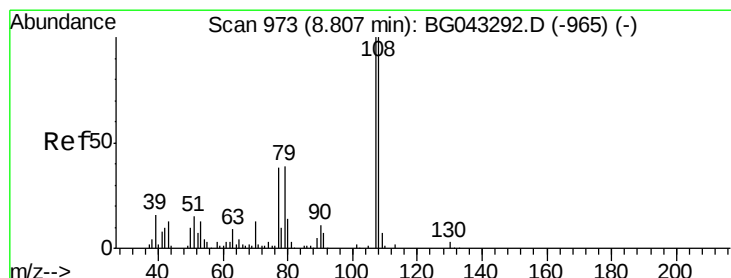
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.374 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion:	107	Resp:	92648
Ion	Ratio	Lower	Upper
107	100		
108	93.3	66.6	106.6
77	39.0	20.9	60.9
79	32.7	11.3	51.3



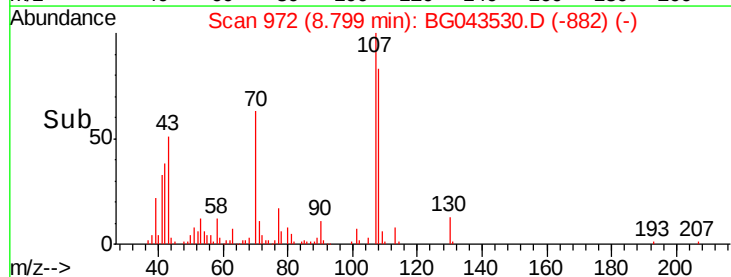
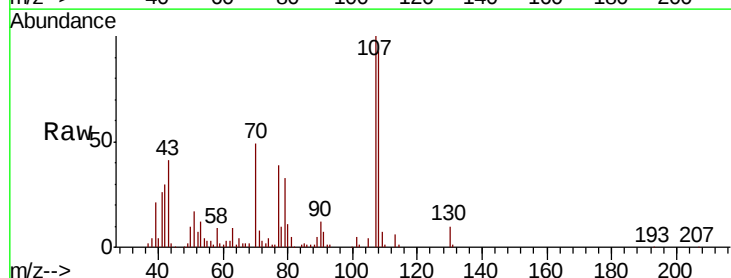
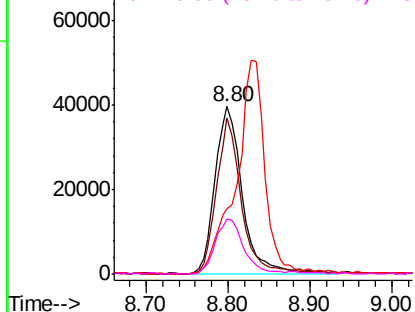
Abundance

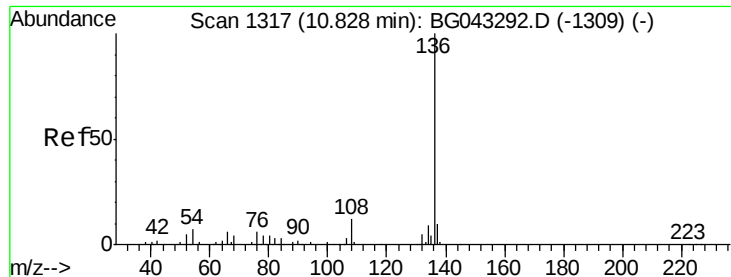
Ion 107.00 (106.70 to 107.70): BGC

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: 10.81 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 115223

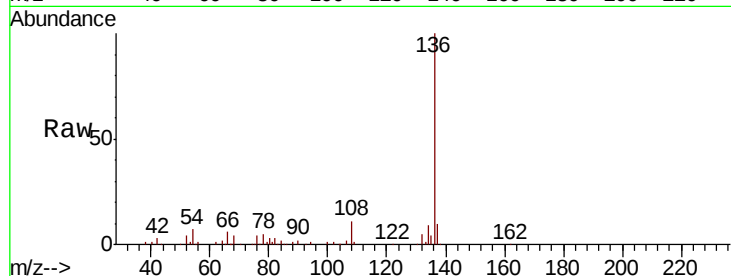
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 7.3 5.4 8.2

68 3.9 3.0 4.4

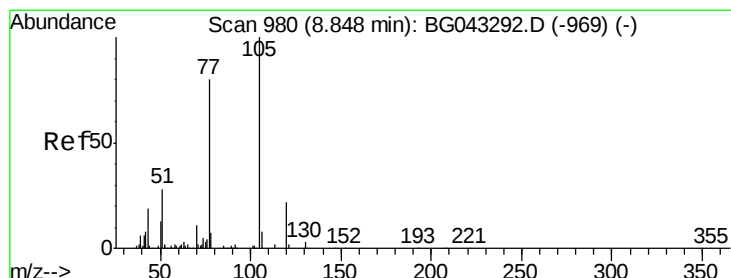
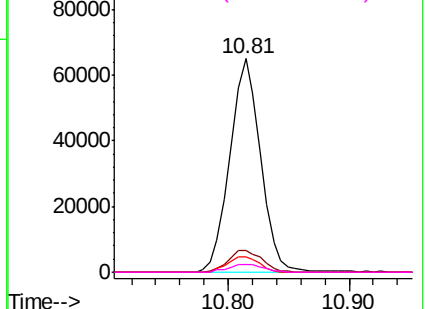
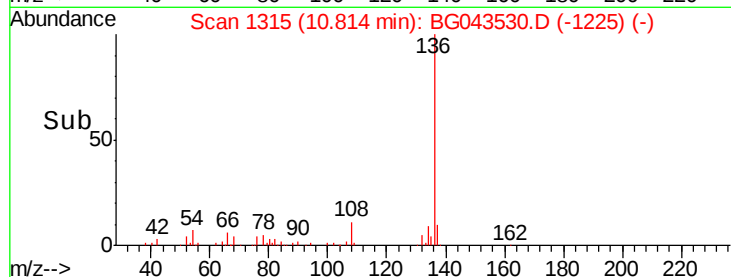


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.494 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Tgt Ion:105 Resp: 116538

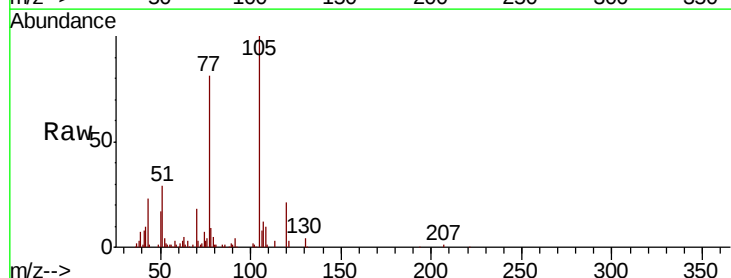
Ion Ratio Lower Upper

105 100

71 2.9 0.8 1.2#

51 29.5 21.0 31.4

120 21.1 18.0 27.0

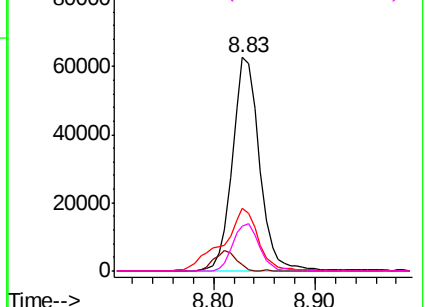
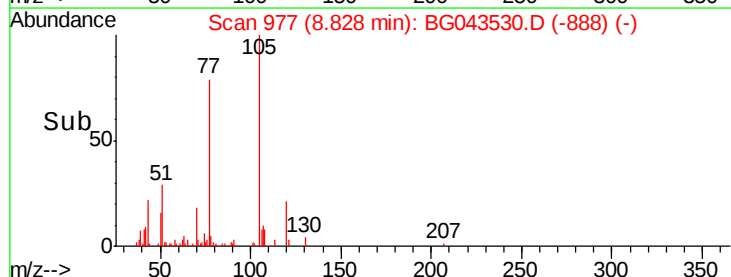


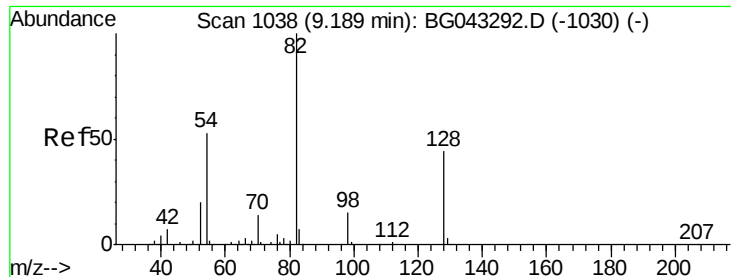
Abundance Ion 105.00 (104.70 to 105.70): E

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

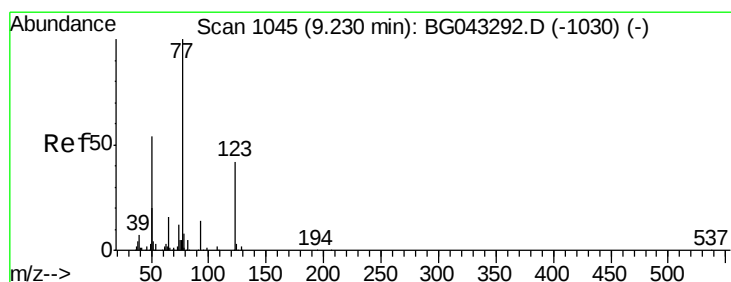
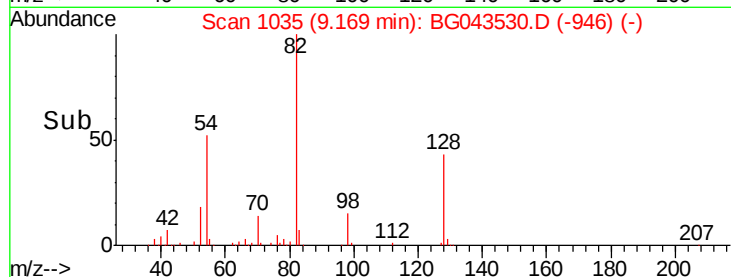
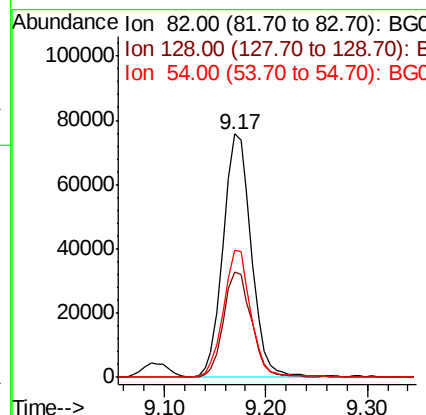
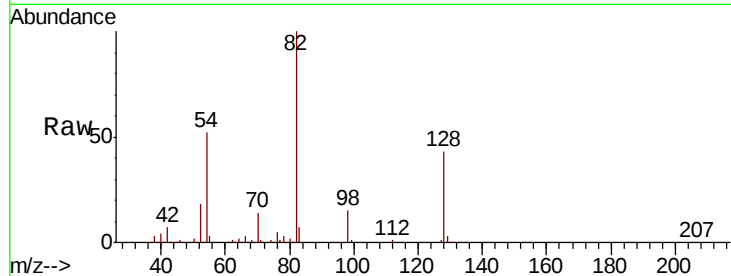




#23
 Nitrobenzene-d5
 Concen: 66.023 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

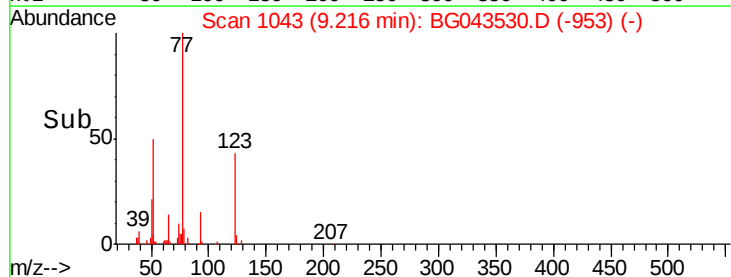
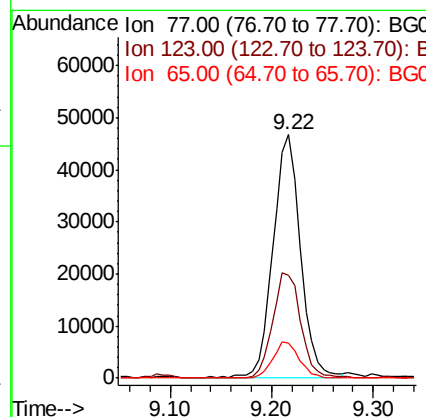
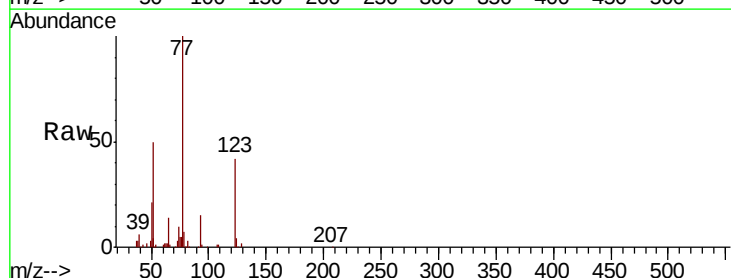
Instrument :
 BNA_G
 ClientSampleId :

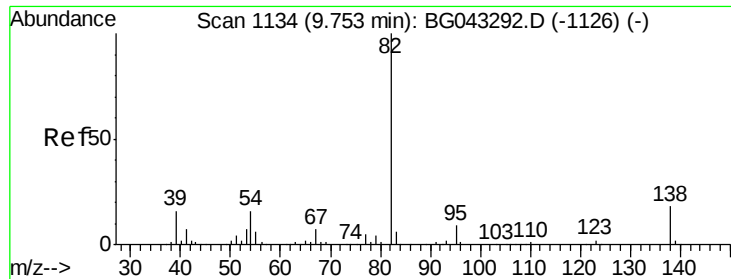
Tot Ion	82	Resp	147560
Ion Ratio	Lower	Upper	
82	100		
128	43.4	35.0	52.6
54	52.1	40.2	60.2



#24
 Nitrobenzene
 Concen: 41.524 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Tgt Ion	77	Resp	88407
Ion Ratio	Lower	Upper	
77	100		
123	42.4	35.0	52.6
65	14.2	9.5	14.3





#25

Isophorone

Concen: 40.790 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

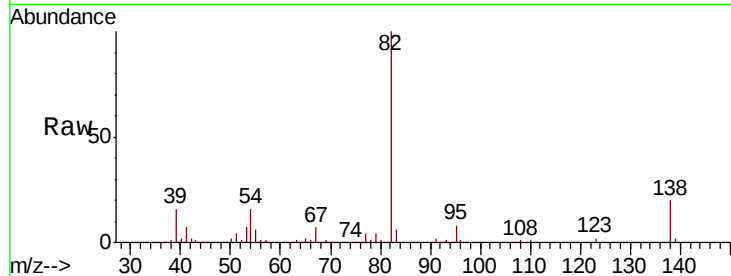
Tot Ion: 82 Resp: 166673

Ion Ratio Lower Upper

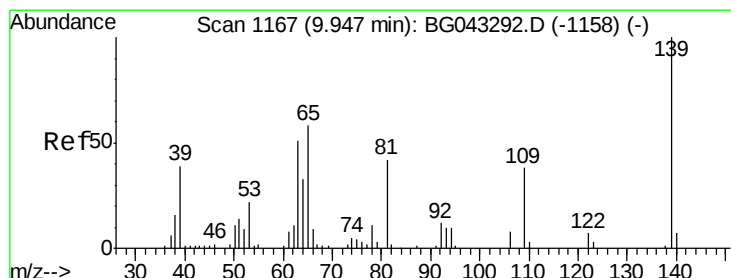
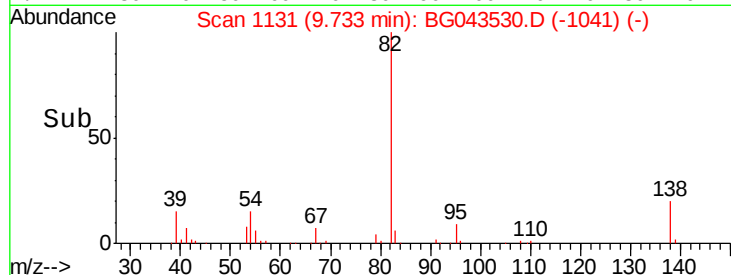
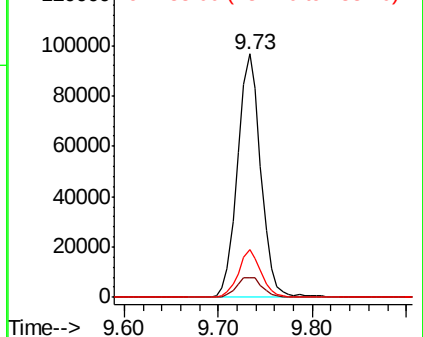
82 100

95 8.3 6.6 9.8

138 19.7 15.2 22.8



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: 45.376 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

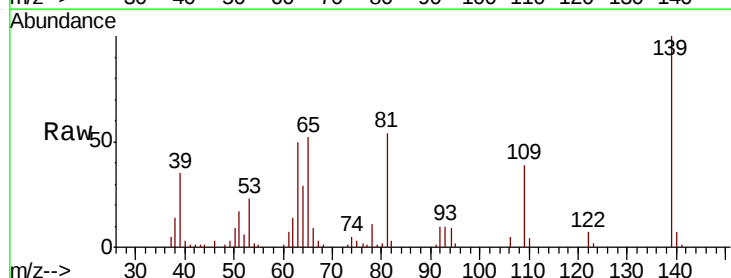
Tgt Ion: 139 Resp: 46641

Ion Ratio Lower Upper

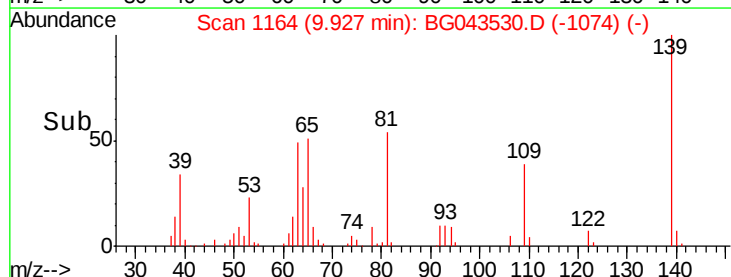
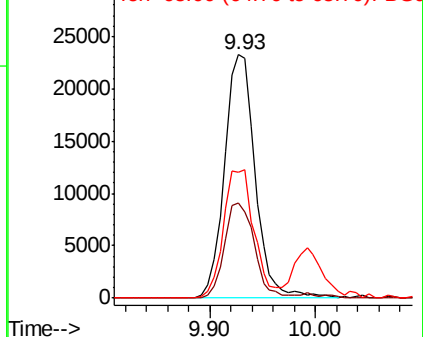
139 100

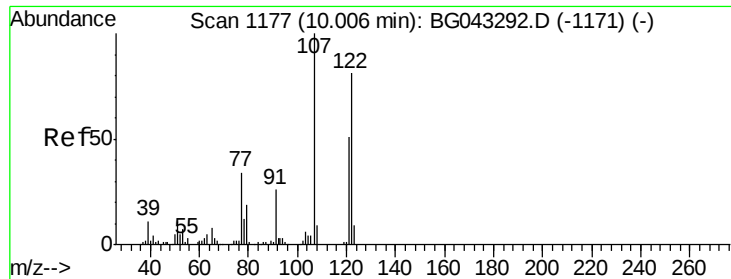
109 39.3 26.5 39.7

65 51.8 43.8 65.8



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

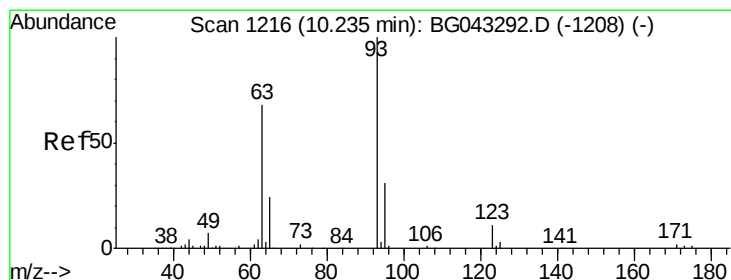
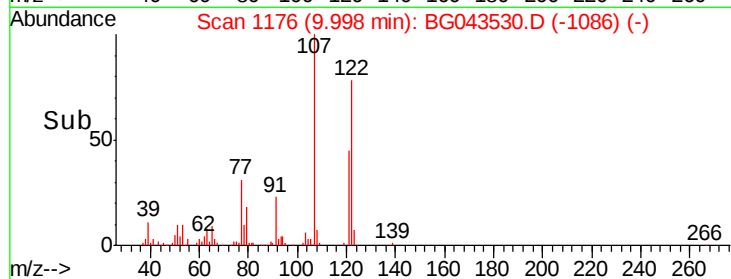
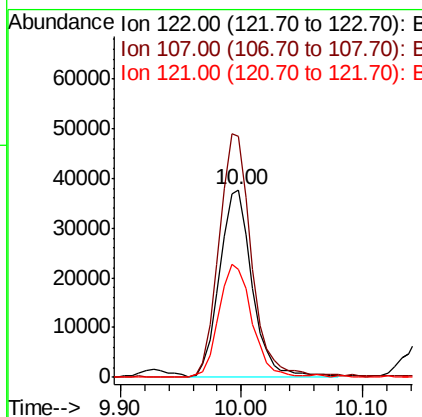
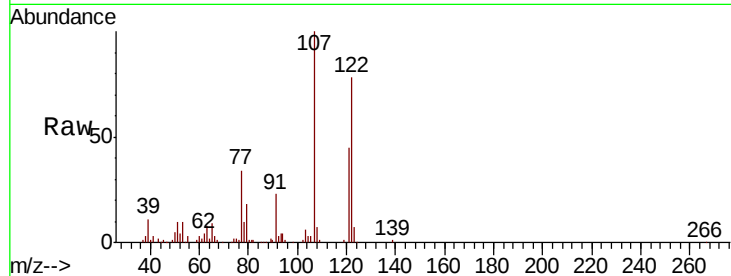




#27
 2,4-Dimethylphenol
 Concen: 48.117 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

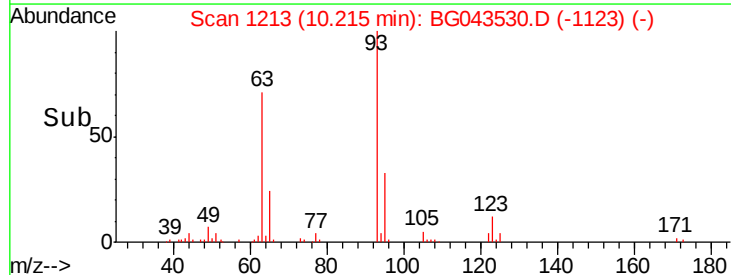
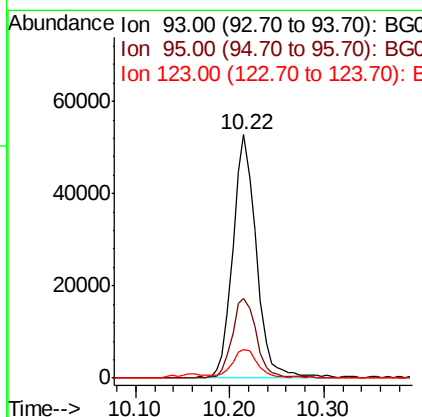
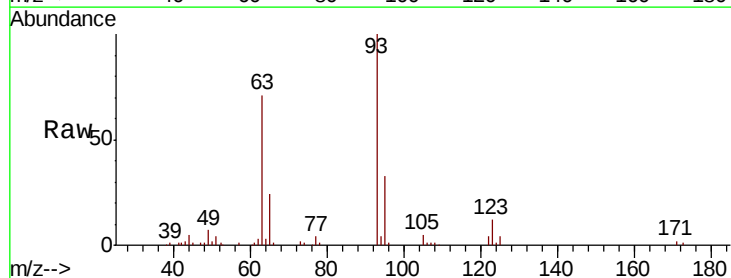
Instrument :
 BNA_G
 ClientSampleId :

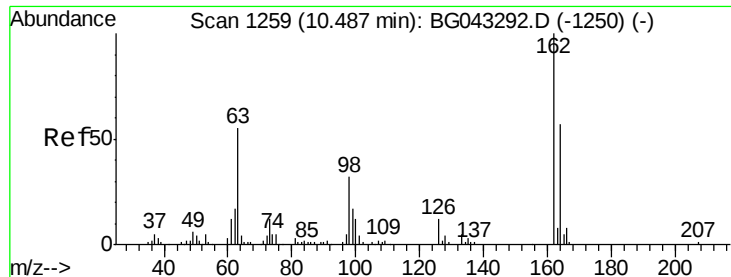
Tot Ion:122 Resp: 70887
 Ion Ratio Lower Upper
 122 100
 107 128.8 104.4 156.6
 121 57.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.737 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Tgt Ion: 93 Resp: 91870
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.0 39.0
 123 11.8 10.6 15.8

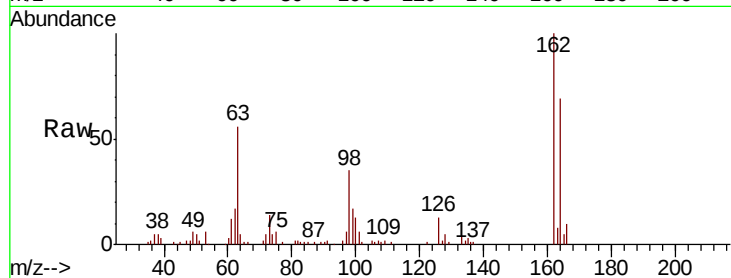




#29
2,4-Dichlorophenol
Concen: 43.452 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.9	48.9	88.9
98	34.7	15.1	55.1

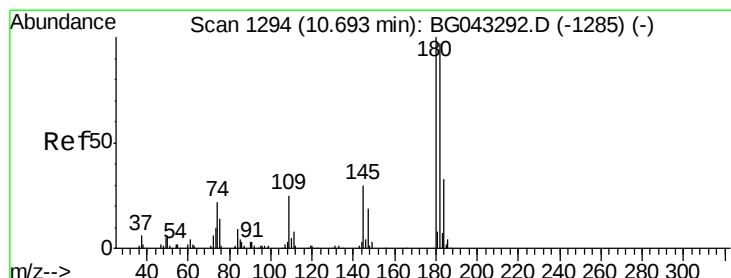
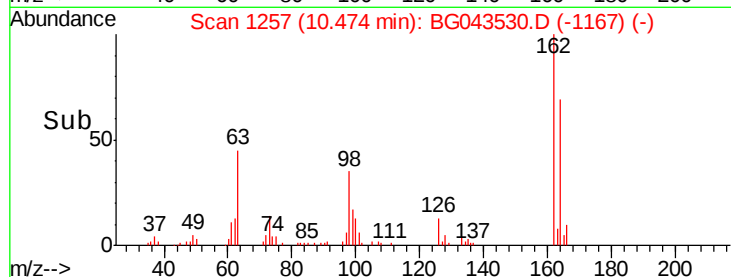
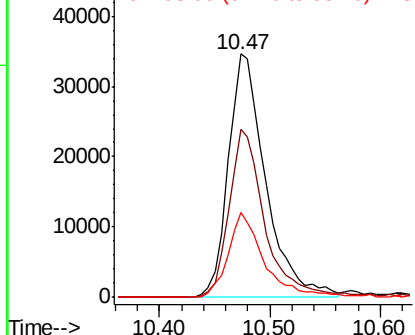


Abundance

Ion 162.00 (161.70 to 162.70): E

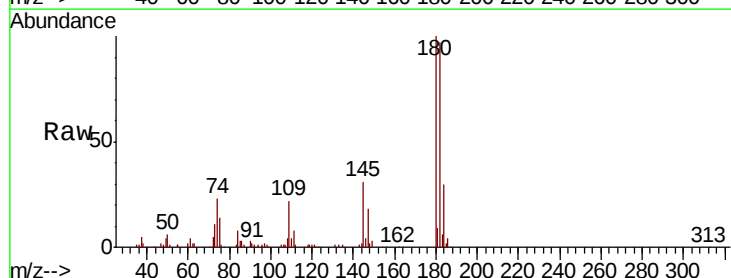
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 39.883 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.1	112.7
145	30.5	23.9	35.9

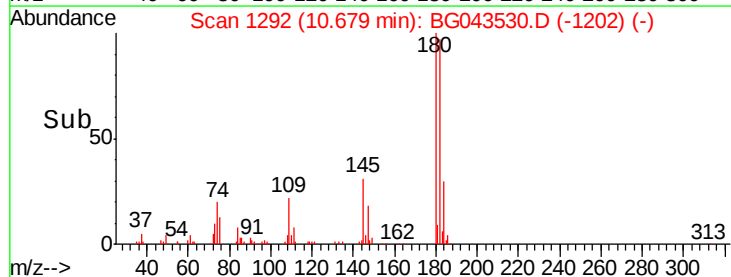
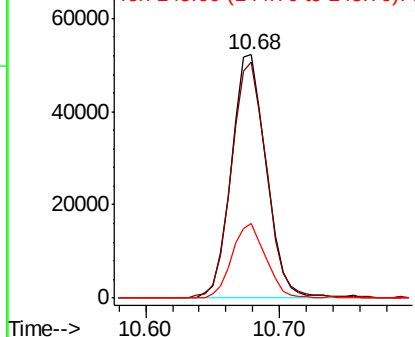


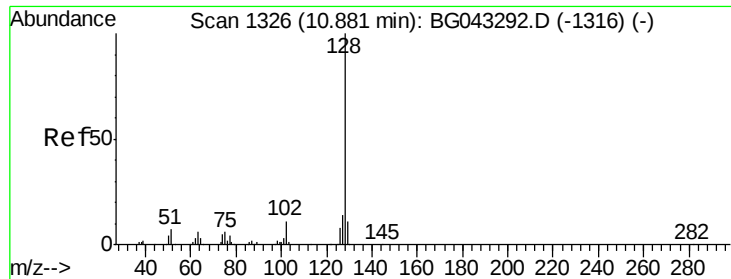
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

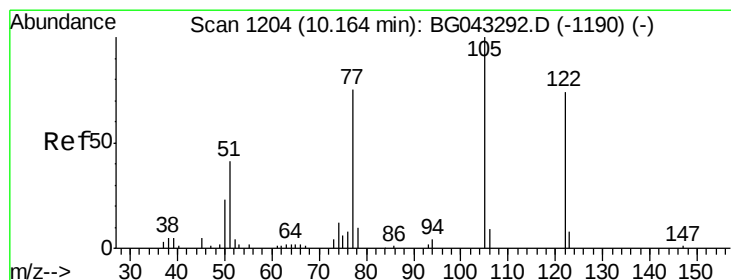
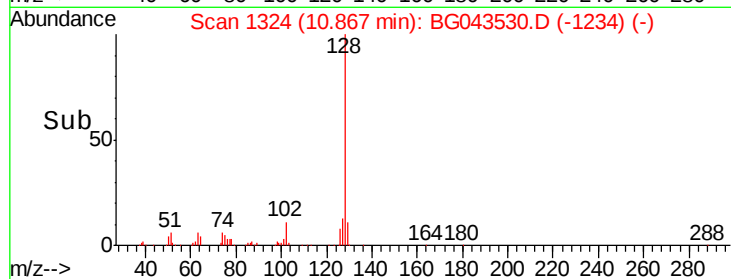
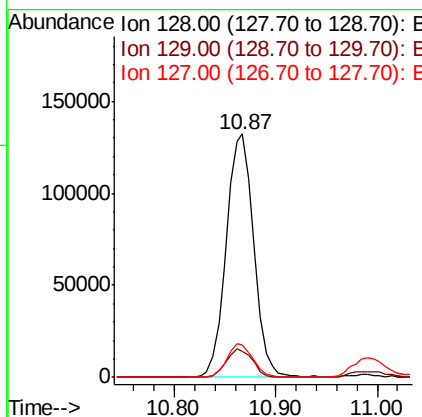
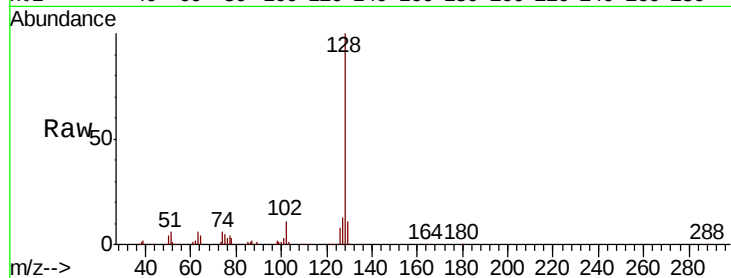




#31
Naphthalene
Concen: 42.588 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

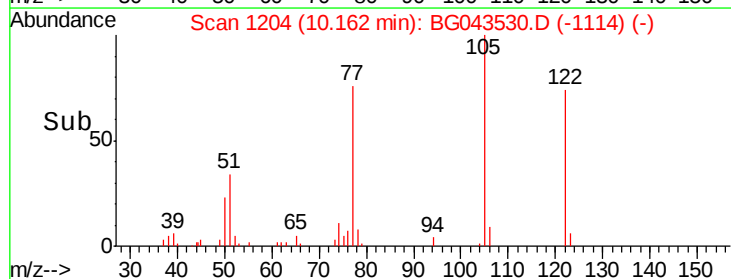
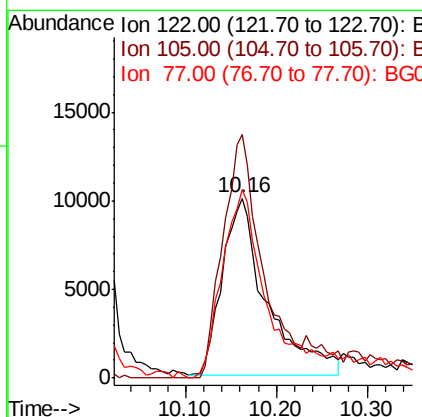
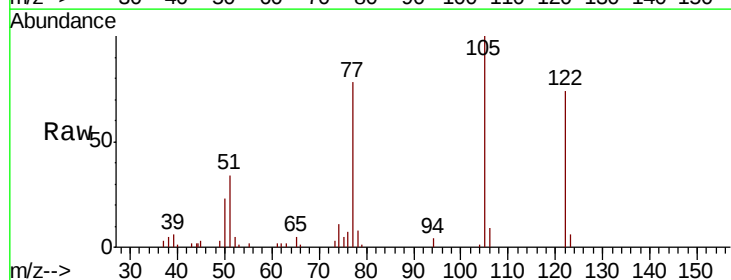
Instrument :
BNA_G
ClientSampleId :

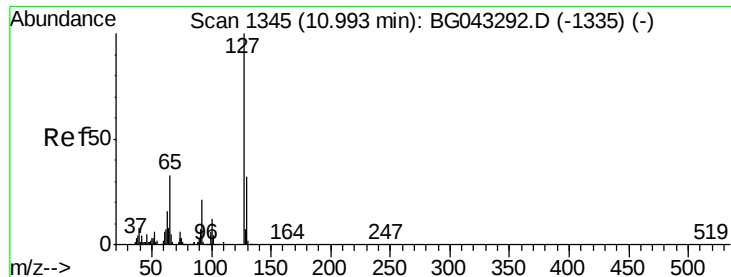
Tot Ion:128 Resp: 249081
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.0
127 13.2 11.1 16.7



#32
Benzoic acid
Concen: 33.704 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion:122 Resp: 34178
Ion Ratio Lower Upper
122 100
105 135.3 103.3 143.3
77 105.0 84.9 124.9

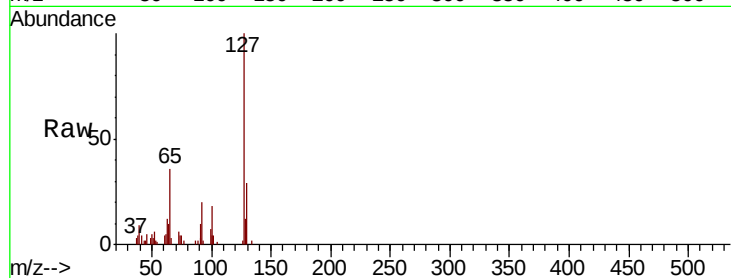




#33
4-Chloroaniline
Concen: 11.109 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.9	26.5	39.7
65	36.4	26.4	39.6
92	19.8	16.2	24.2



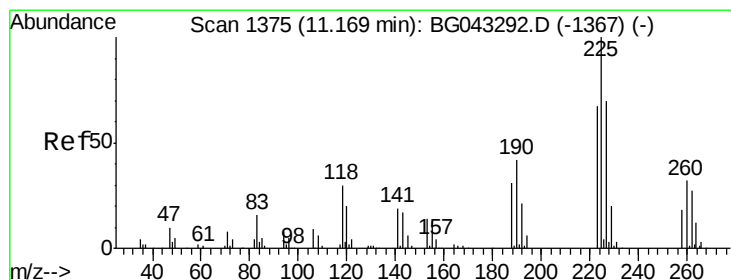
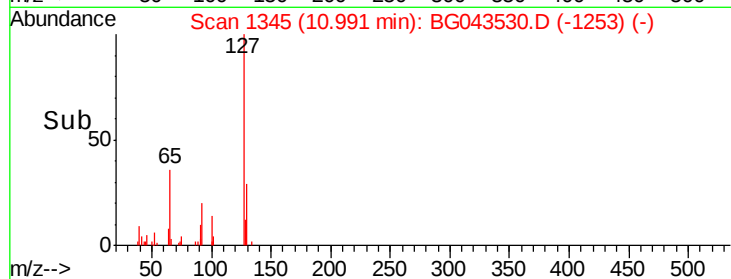
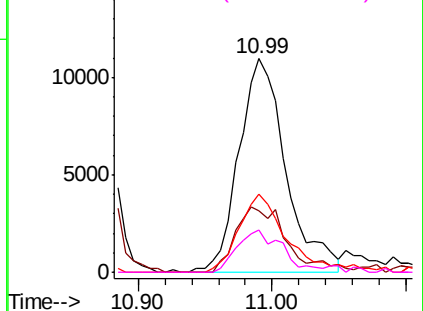
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

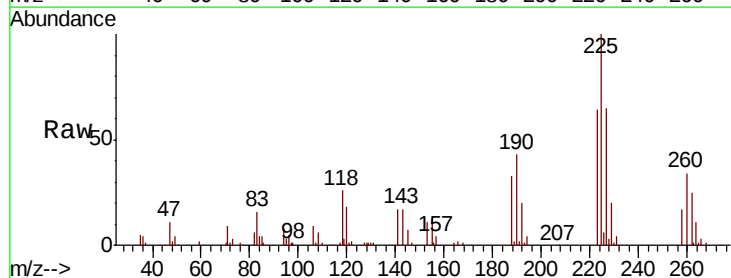
Ion 65.00 (64.70 to 65.70): BG0

Ion 92.00 (91.70 to 92.70): BG0



#34
Hexachlorobutadiene
Concen: 37.311 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.7	79.1
227	65.3	54.8	82.2

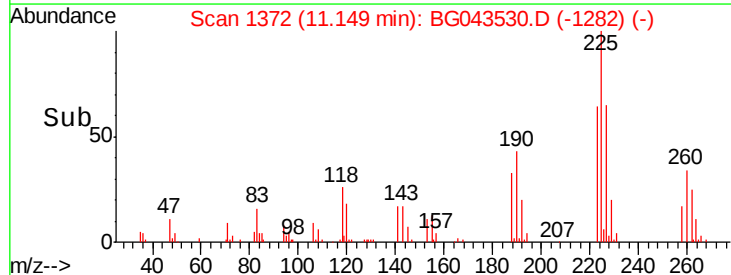
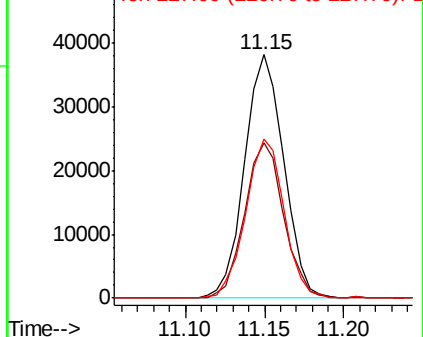


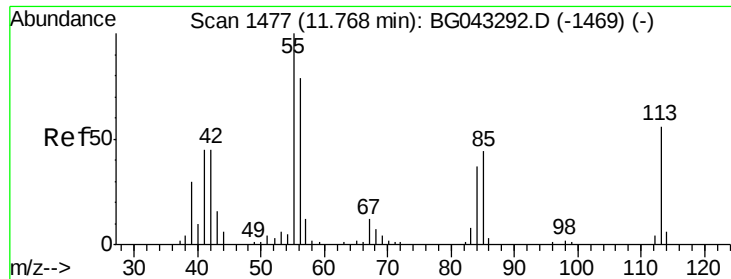
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

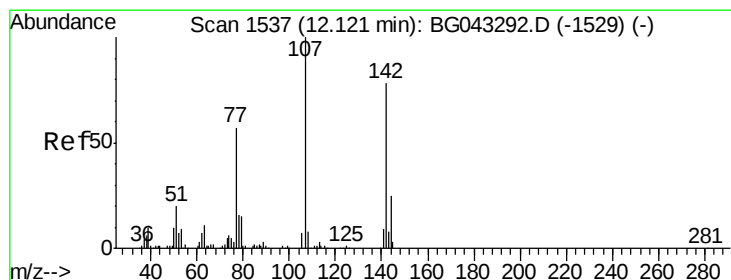
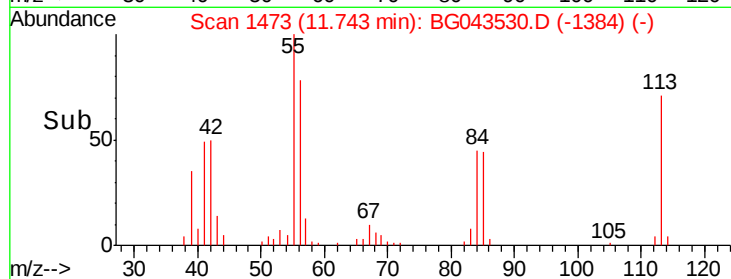
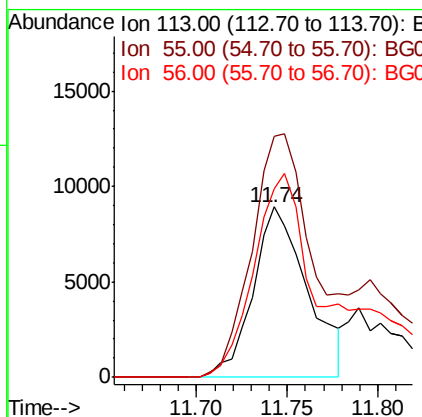
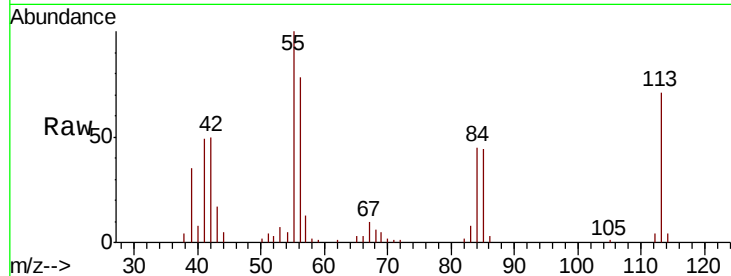




#35
 Caprolactam
 Concen: 28.625 ng
 RT: 11.74 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

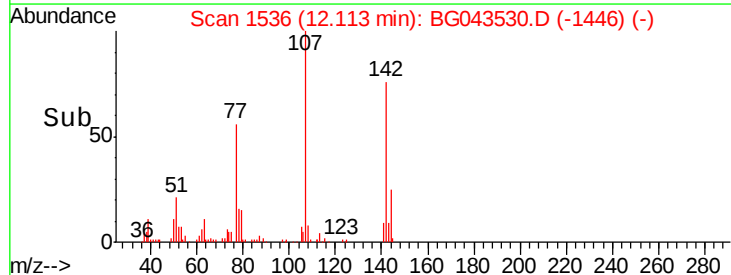
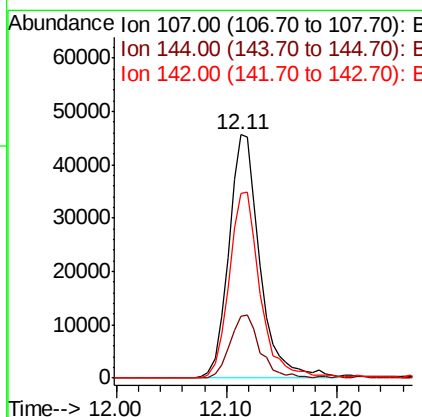
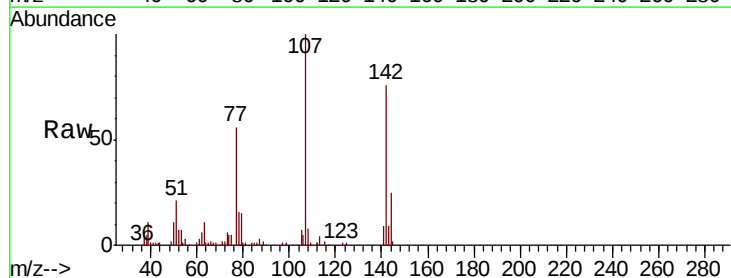
Instrument :
 BNA_G
 ClientSampleId :

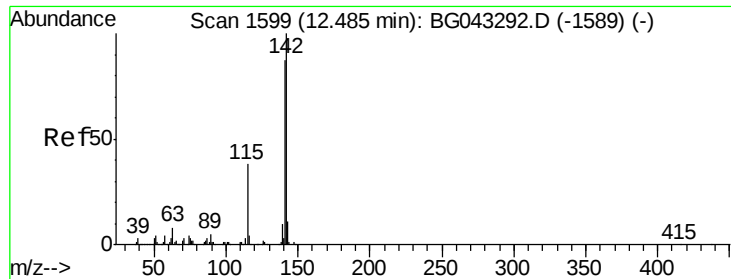
Tot Ion:113 Resp: 18609
 Ion Ratio Lower Upper
 113 100
 55 141.2 134.1 174.1
 56 110.7 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.780 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Tgt Ion:107 Resp: 90142
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.9 31.3
 142 75.7 59.6 89.4

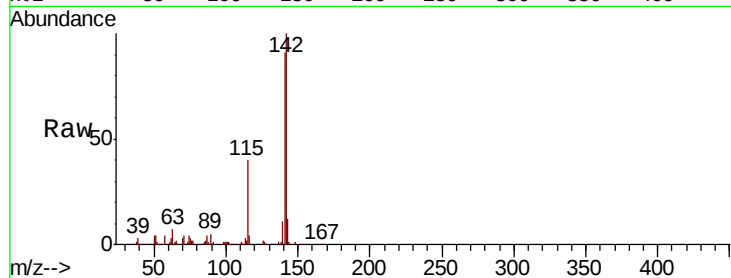




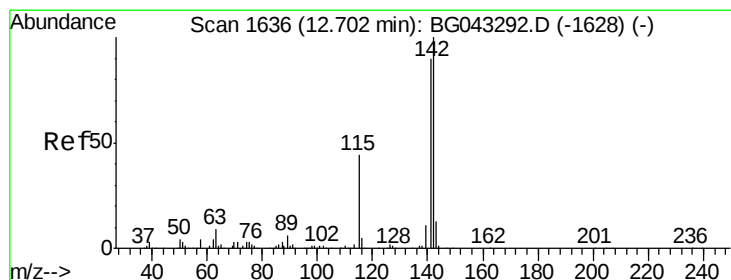
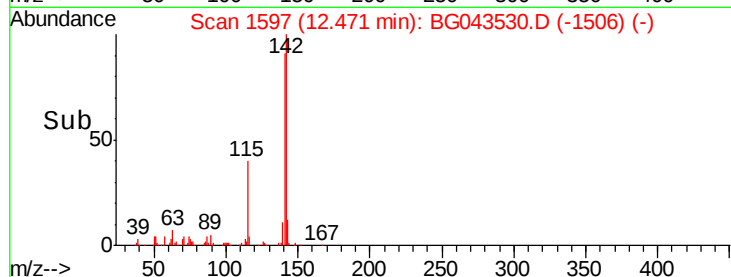
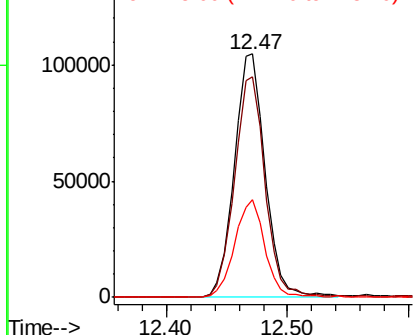
#37
2-Methylnaphthalene
Concen: 41.739 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.2	108.2
115	40.0	33.2	49.8

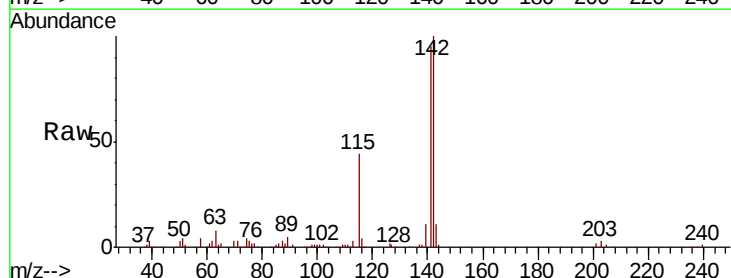


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

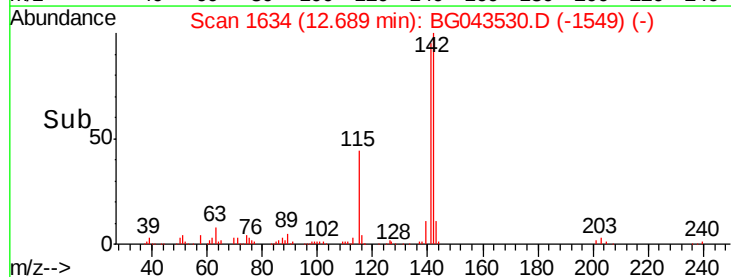
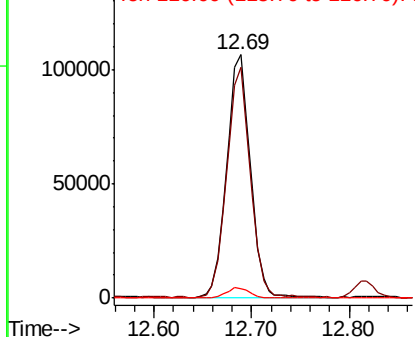


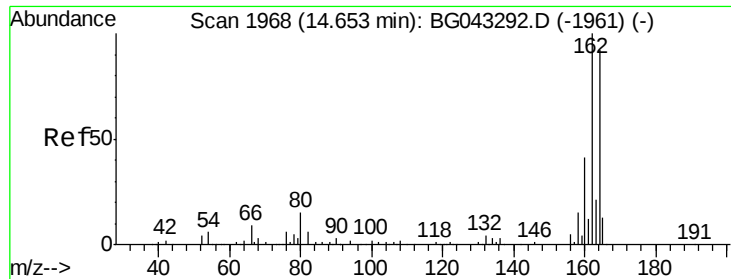
#38
1-Methylnaphthalene
Concen: 41.821 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	73.2	109.8
116	3.9	3.6	5.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

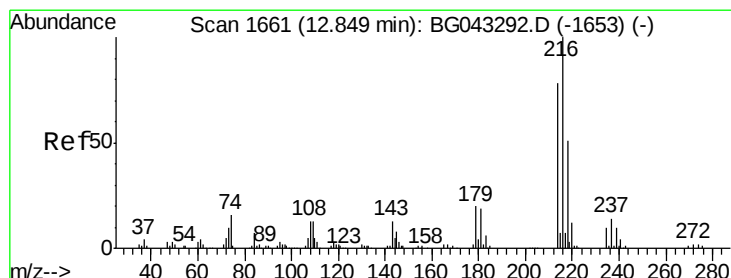
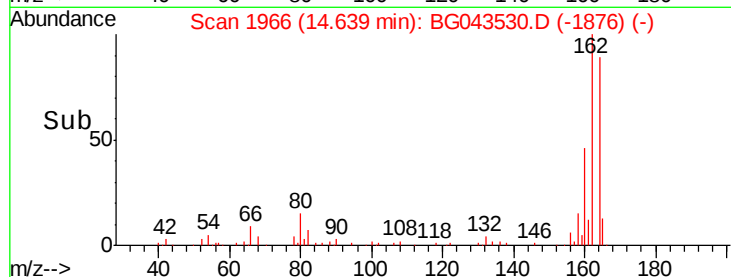
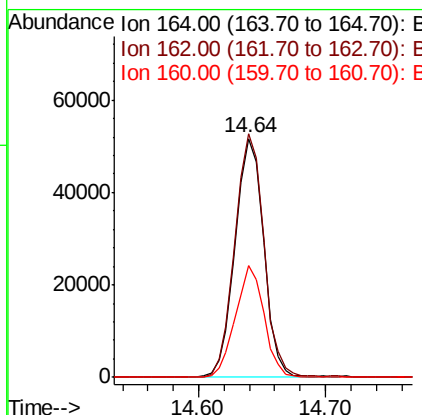
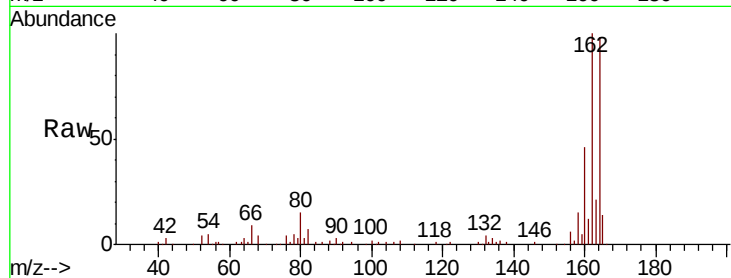




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

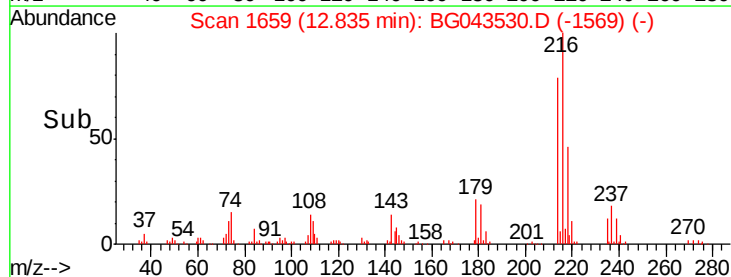
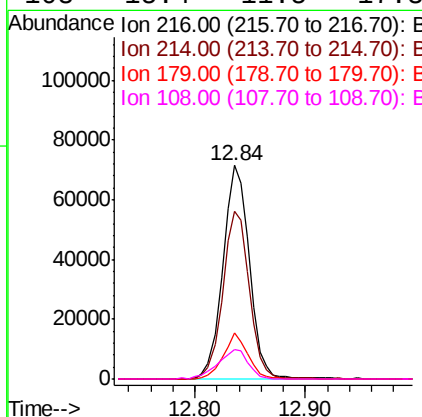
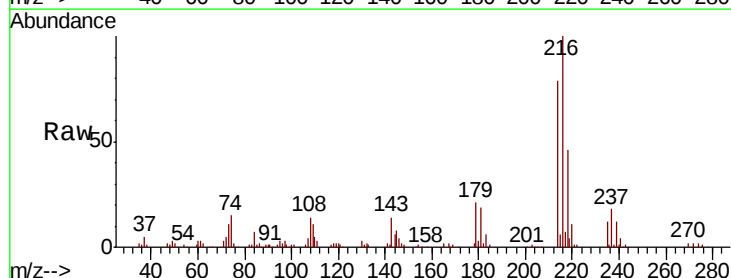
Instrument :
BNA_G
ClientSampleId :

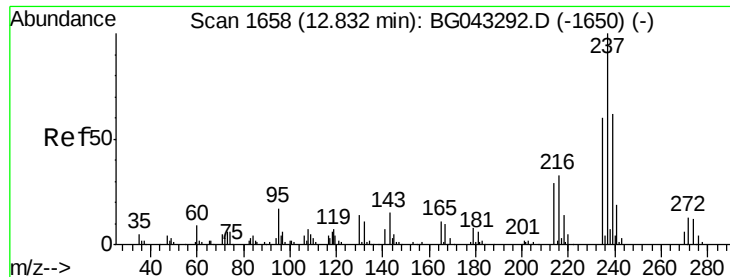
Tot Ion:164 Resp: 81007
Ion Ratio Lower Upper
164 100
162 102.0 83.5 125.3
160 46.6 36.5 54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.008 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion:216 Resp: 119943
Ion Ratio Lower Upper
216 100
214 78.7 61.7 92.5
179 19.9 15.8 23.8
108 15.4 11.5 17.3





#41

Hexachlorocyclopentadiene

Concen: 72.840 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

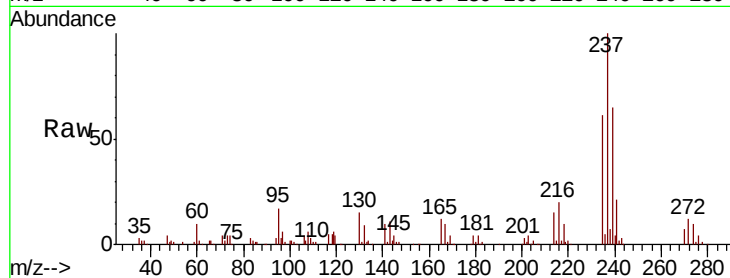
Tot Ion:237 Resp: 114712

Ion Ratio Lower Upper

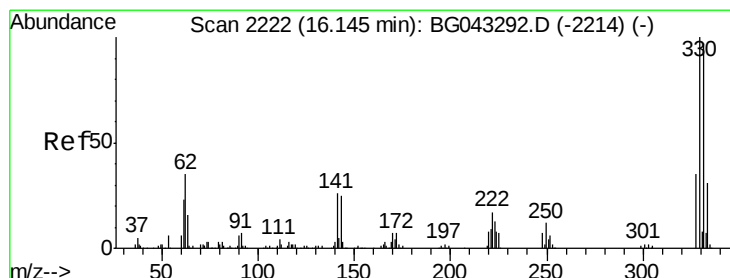
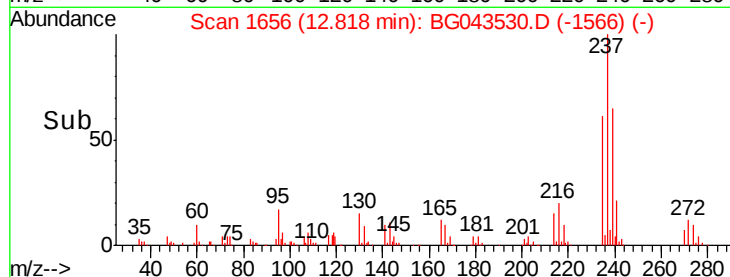
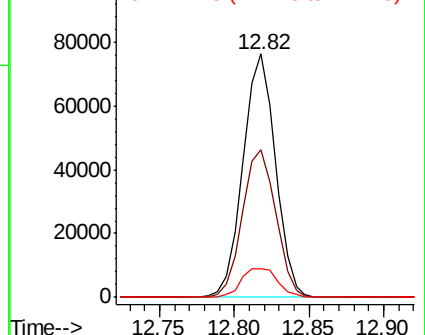
237 100

235 60.8 41.6 81.6

272 11.9 0.0 32.5



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: 92.769 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

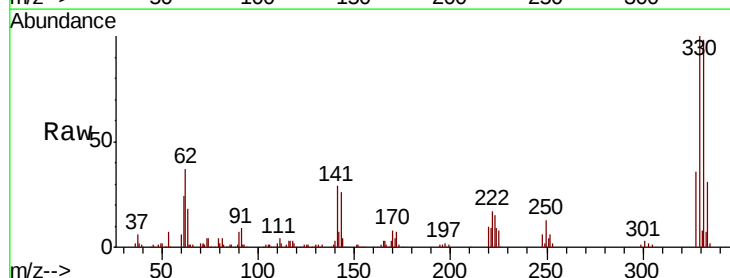
Tgt Ion:330 Resp: 143009

Ion Ratio Lower Upper

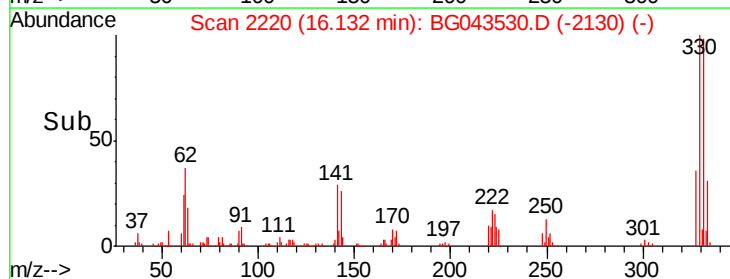
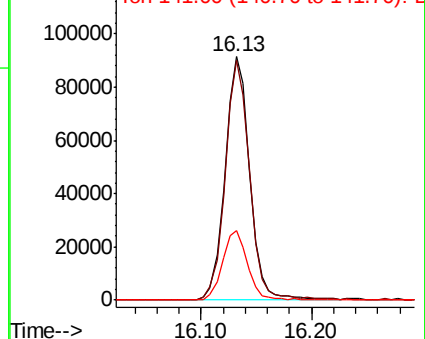
330 100

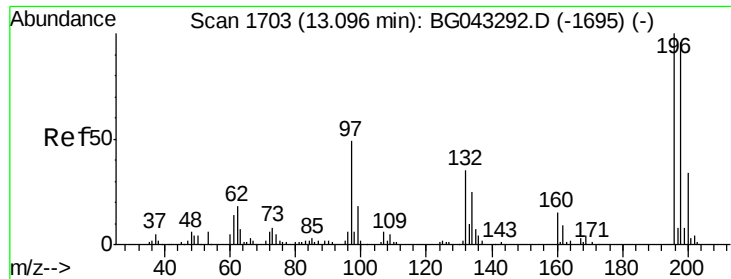
332 97.8 77.4 116.0

141 28.8 22.8 34.2



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

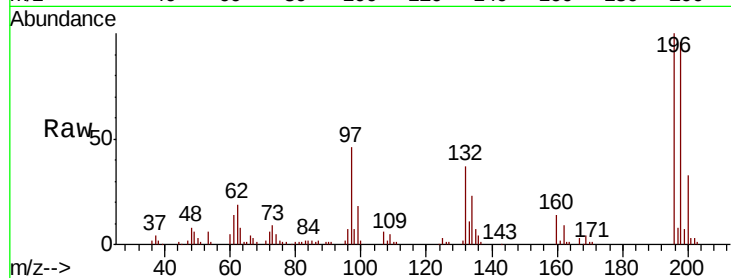




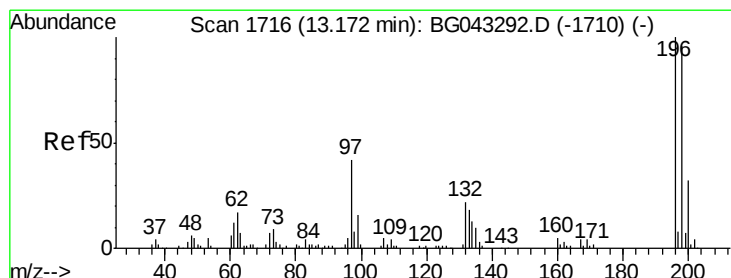
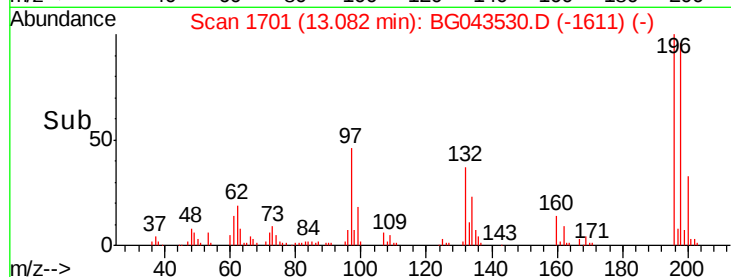
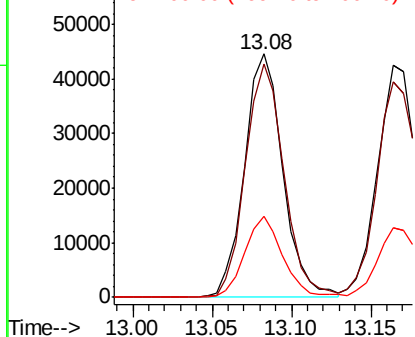
#43
 2,4,6-Trichlorophenol
 Concen: 42.717 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 75417
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.8 113.6
 200 33.0 23.9 35.9

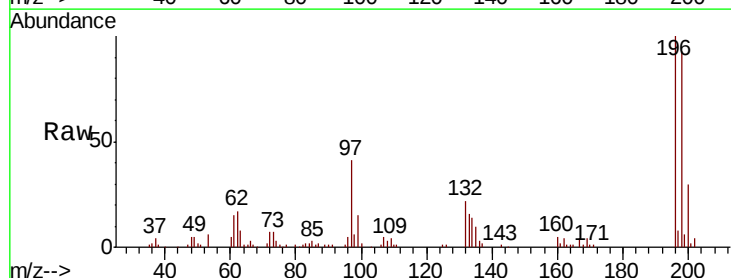


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

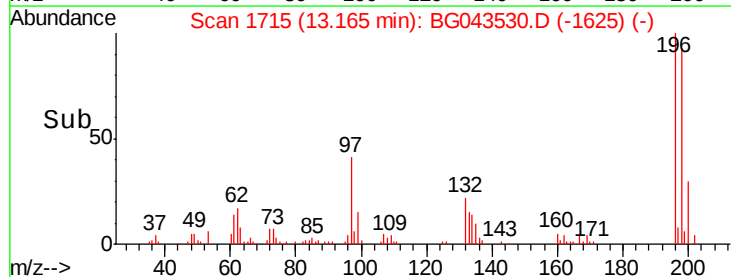
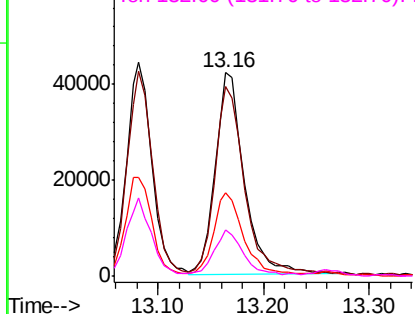


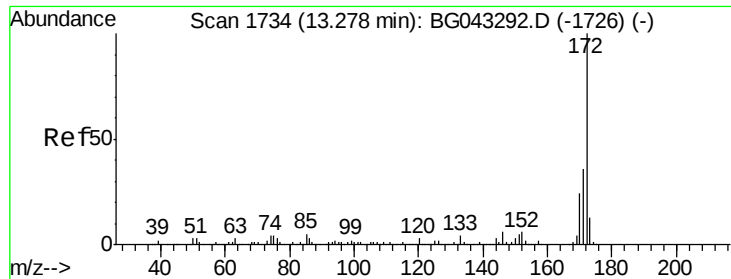
#44
 2,4,5-Trichlorophenol
 Concen: 45.447 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Tgt Ion:196 Resp: 81118
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.5 111.7
 97 40.7 36.3 54.5
 132 22.4 17.4 26.2



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

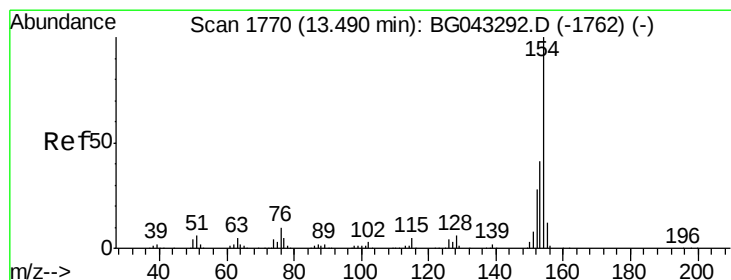
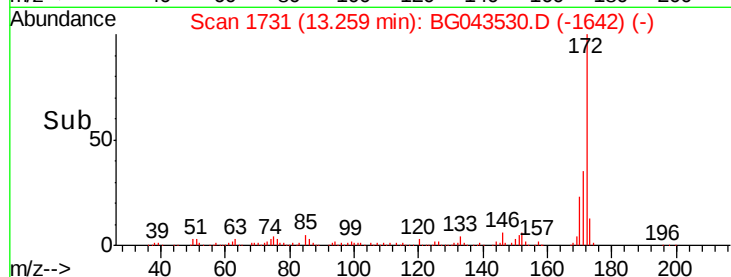
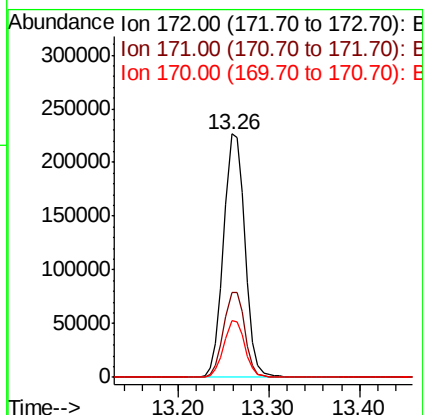
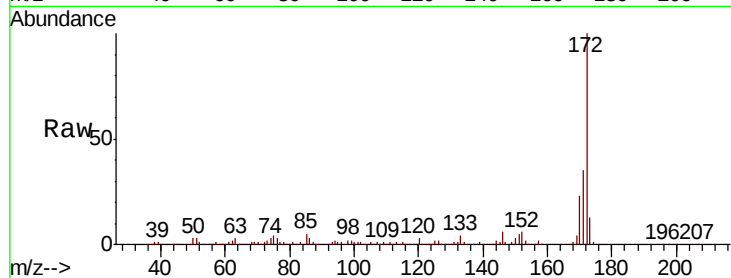




#45
2-Fluorobiphenyl
Concen: 63.599 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

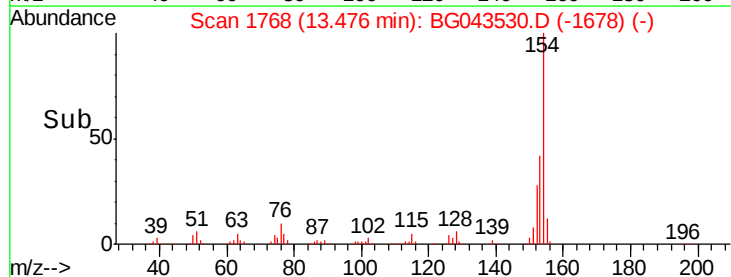
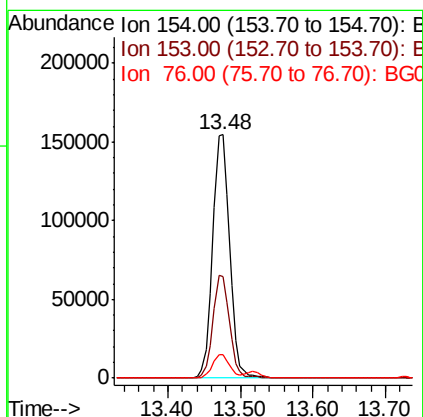
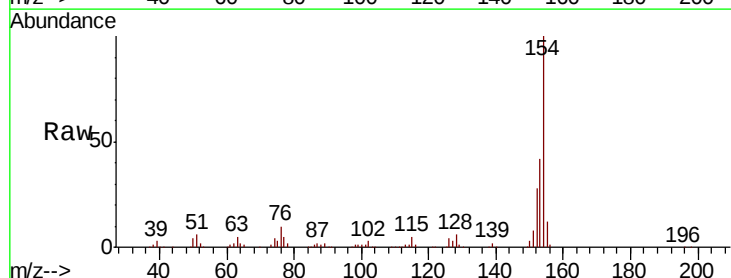
Instrument :
BNA_G
ClientSampleId :

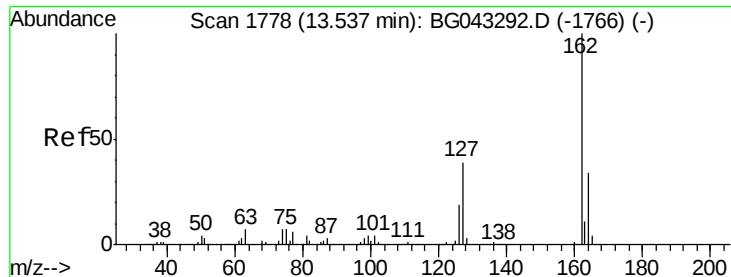
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.2	18.5	27.7



#46
1,1'-Biphenyl
Concen: 41.154 ng
RT: 13.48 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.9	59.9
76	9.7	0.0	29.4

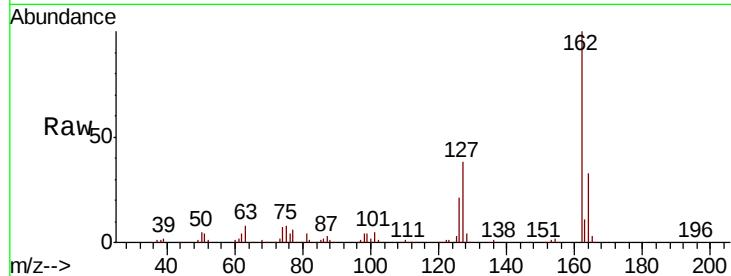




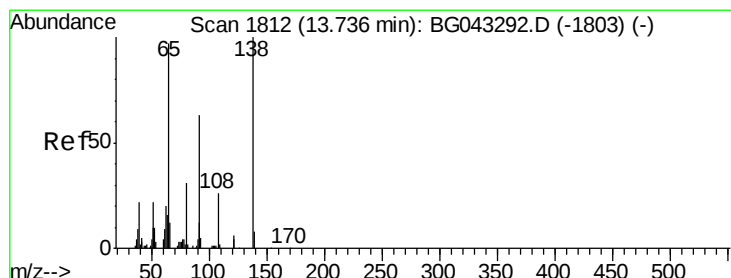
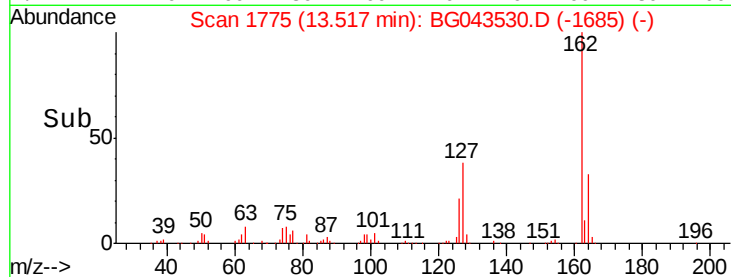
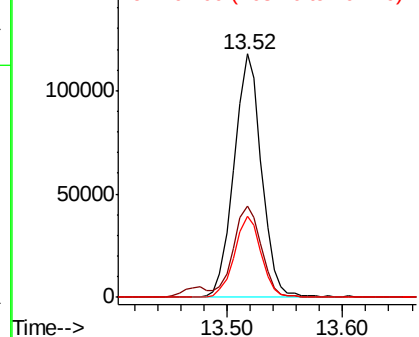
#47
2-Chloronaphthalene
Concen: 41.422 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 194224
Ion Ratio Lower Upper
162 100
127 37.7 31.2 46.8
164 33.5 25.8 38.8

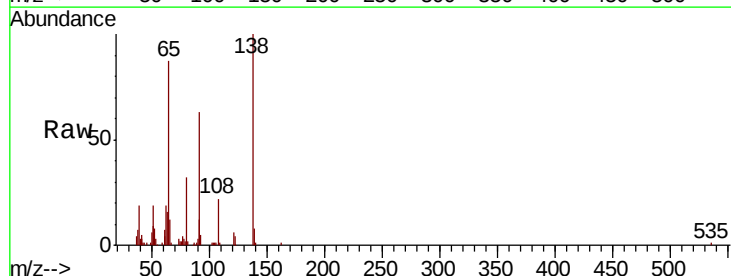


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

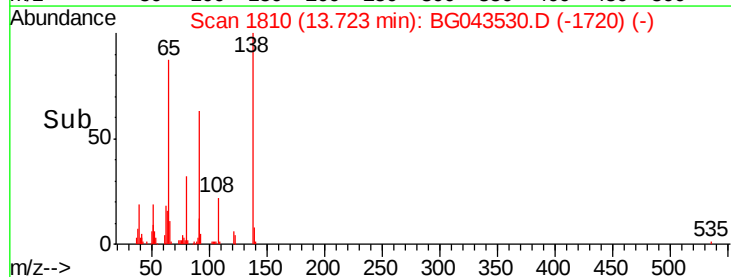
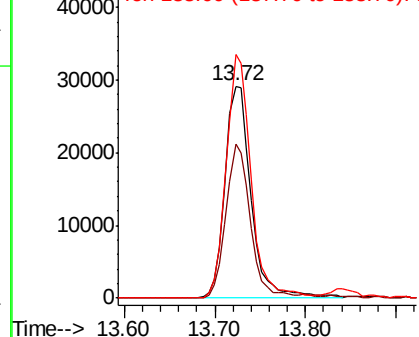


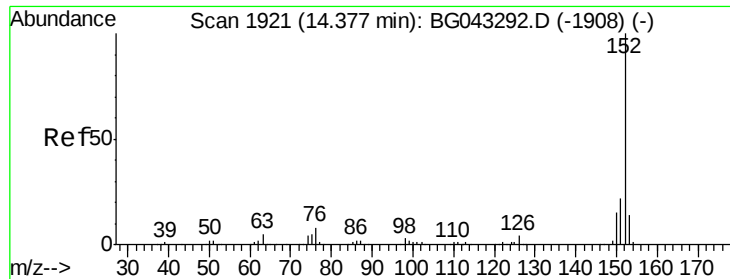
#48
2-Nitroaniline
Concen: 41.836 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion: 65 Resp: 58630
Ion Ratio Lower Upper
65 100
92 72.4 56.2 84.2
138 114.8 82.6 123.8



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: 43.819 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

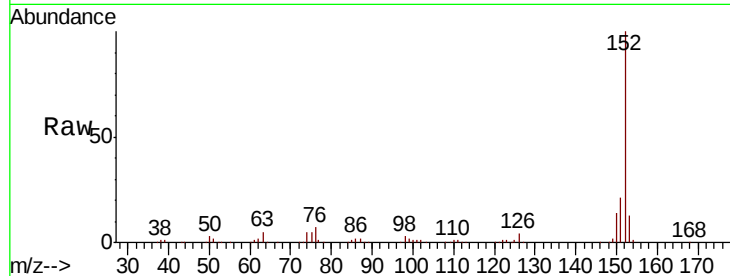
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 319771

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.3	10.6	15.8

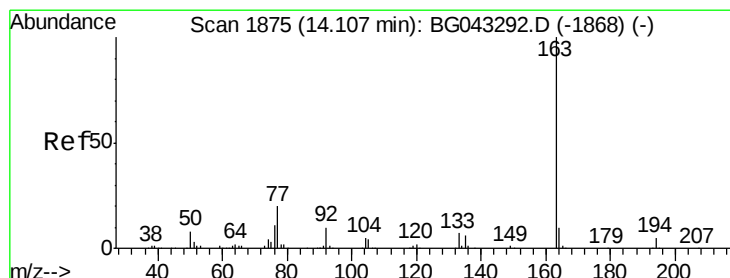
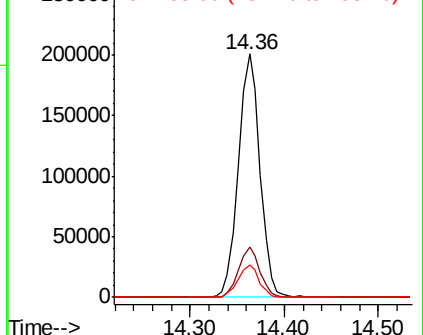
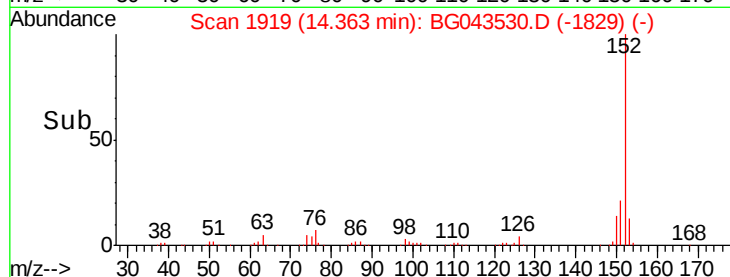


Abundance

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: 51.756 ng

RT: 14.09 min Scan# 1873

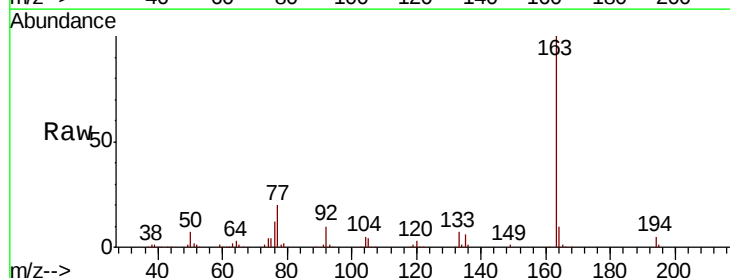
Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Tgt Ion:163 Resp: 324743

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.6
164	10.3	8.9	13.3

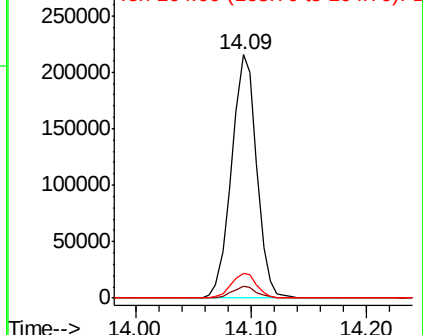
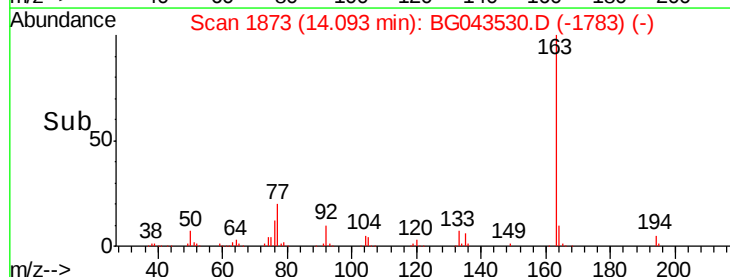


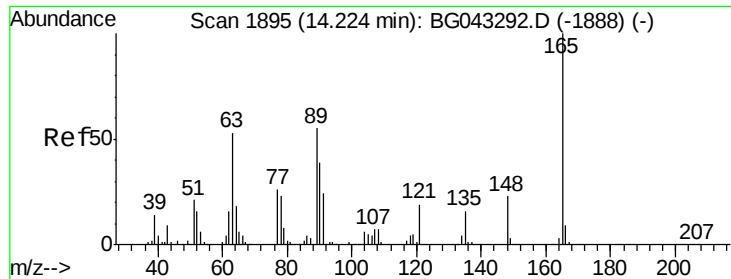
Abundance

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: 41.262 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampled :

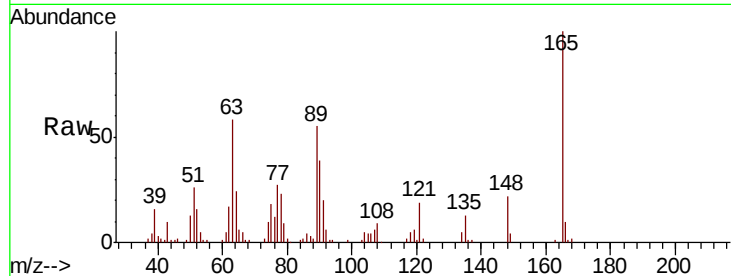
Tot Ion:165 Resp: 56245

Ion Ratio Lower Upper

165 100

63 57.9 46.6 69.8

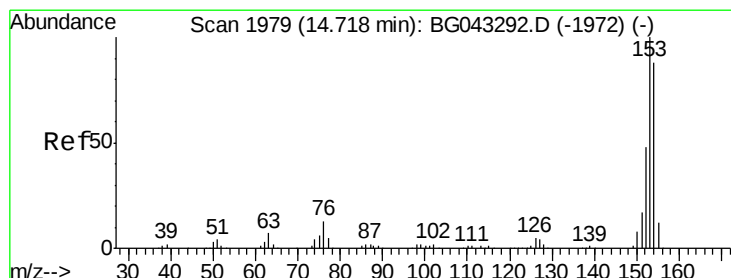
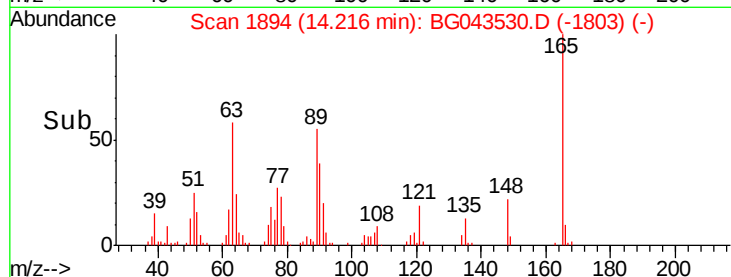
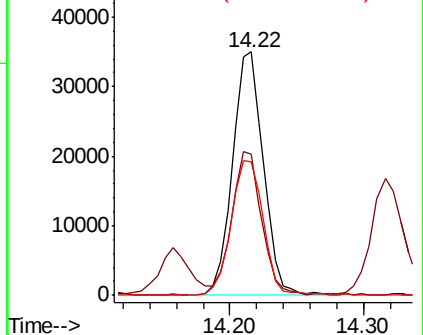
89 54.7 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 42.118 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

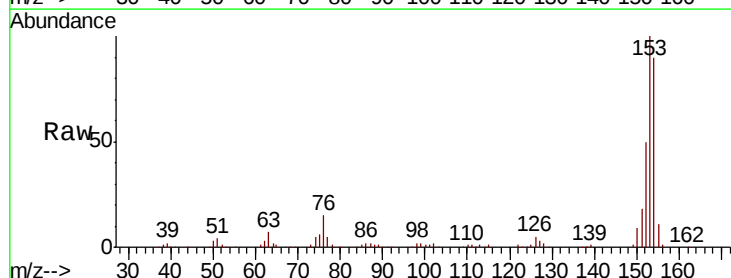
Tgt Ion:154 Resp: 187439

Ion Ratio Lower Upper

154 100

153 110.9 88.2 132.2

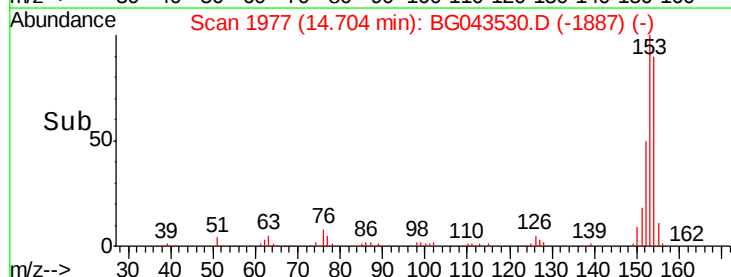
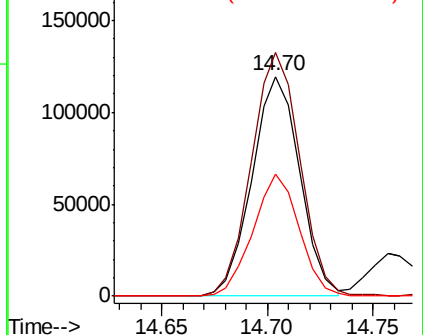
152 55.6 40.0 60.0

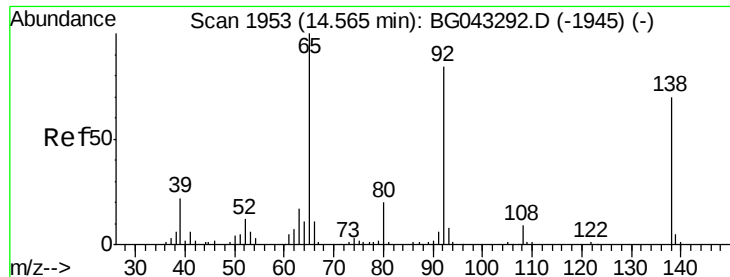


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 15.258 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampled :

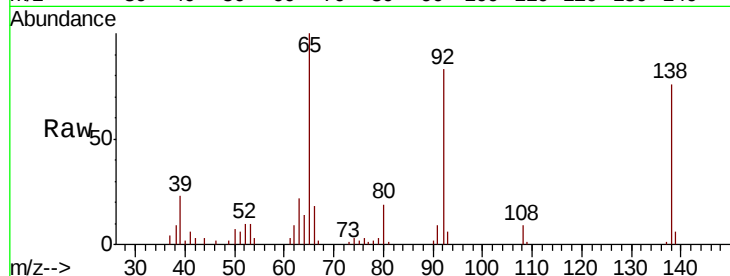
Tot Ion:138 Resp: 20081

Ion Ratio Lower Upper

138 100

108 11.4 8.0 12.0

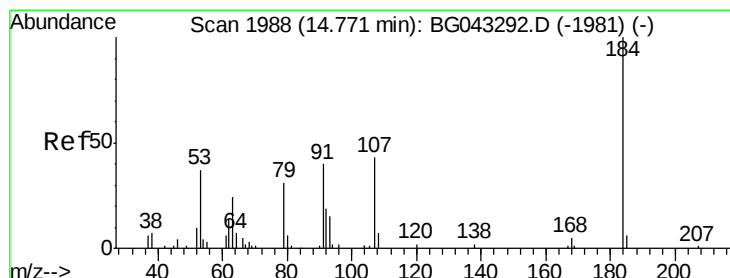
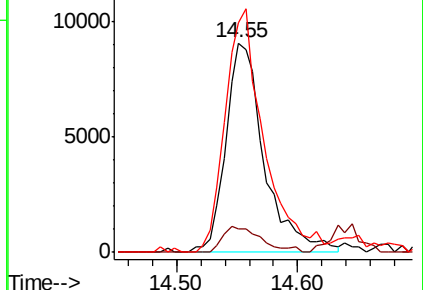
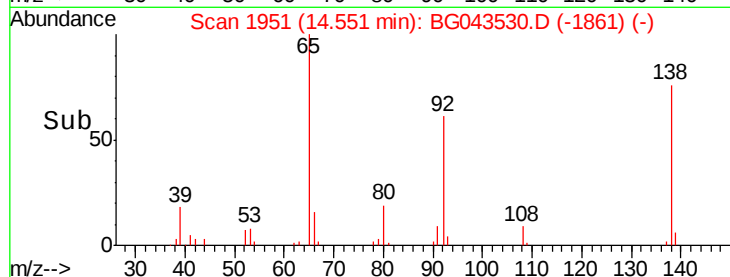
92 109.8 90.9 136.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 74.938 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

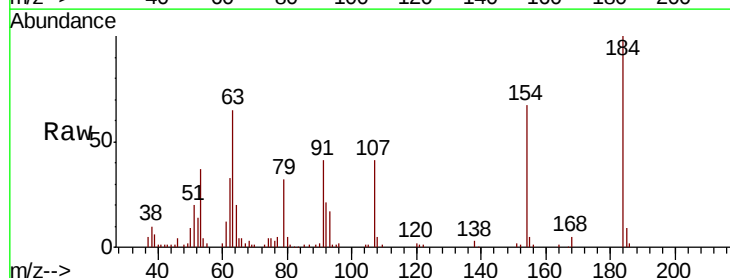
Tgt Ion:184 Resp: 63356

Ion Ratio Lower Upper

184 100

63 65.3 51.3 76.9

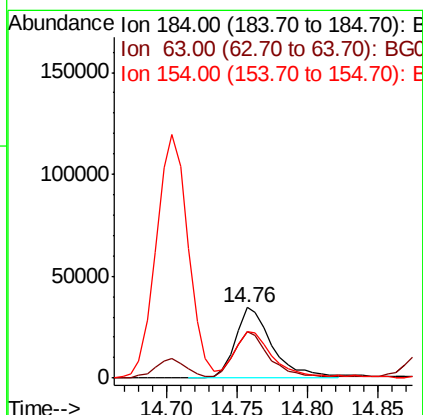
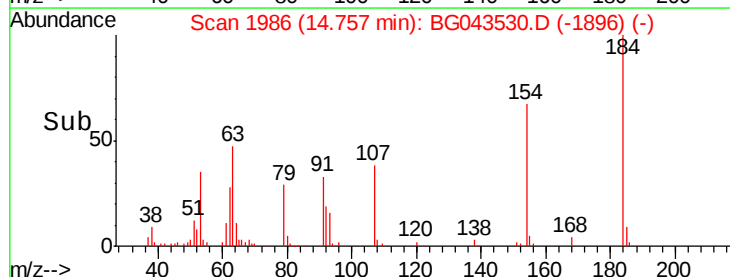
154 66.8 55.4 83.0

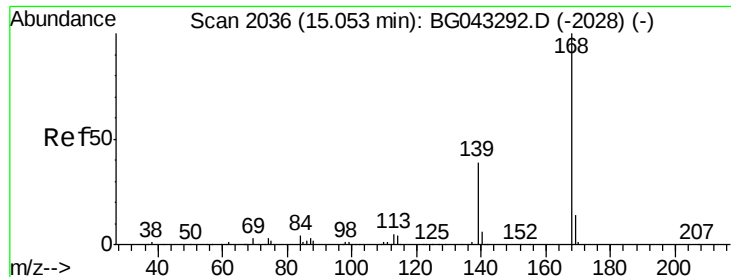


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.192 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

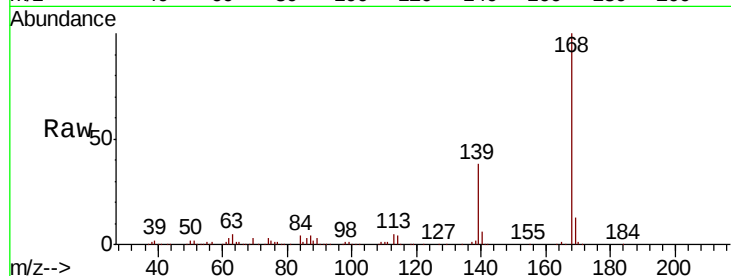
Tot Ion:168 Resp: 311713

Ion Ratio Lower Upper

168 100

139 38.2 31.0 46.6

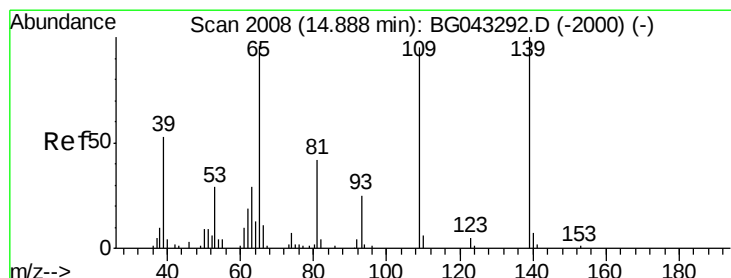
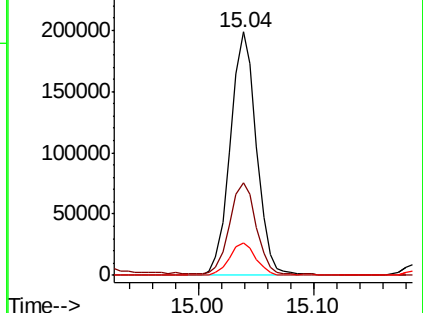
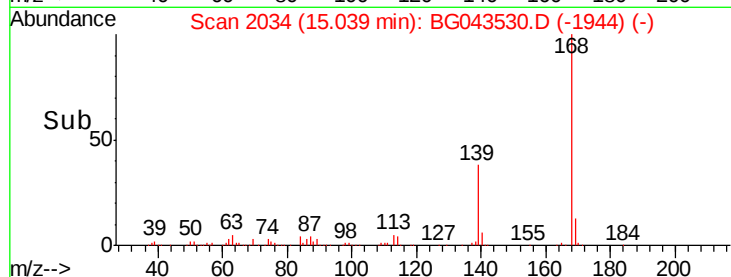
169 13.1 11.7 17.5



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: 93.638 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

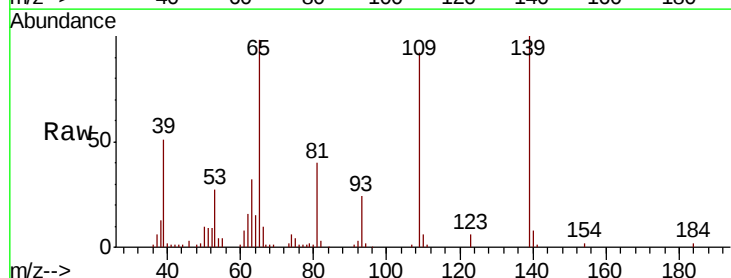
Tgt Ion:139 Resp: 82584

Ion Ratio Lower Upper

139 100

109 91.6 87.2 127.2

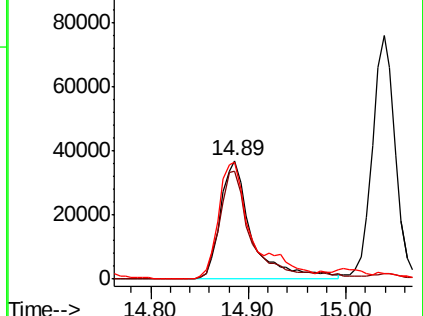
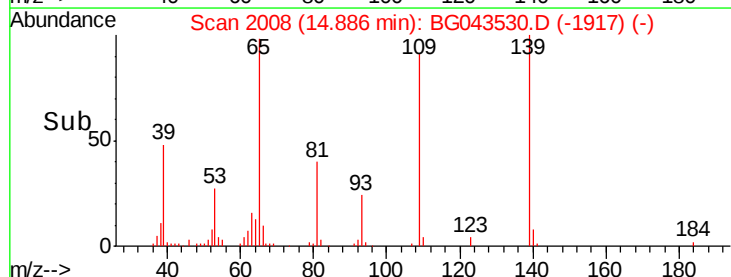
65 98.5 83.8 123.8

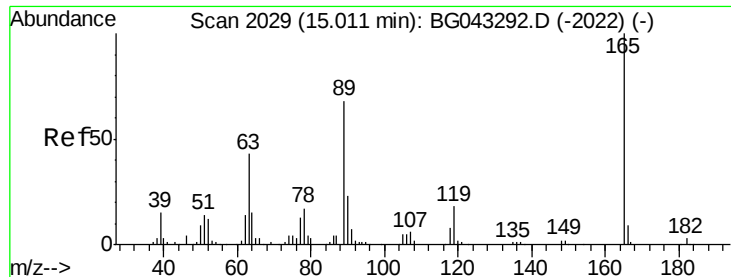


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

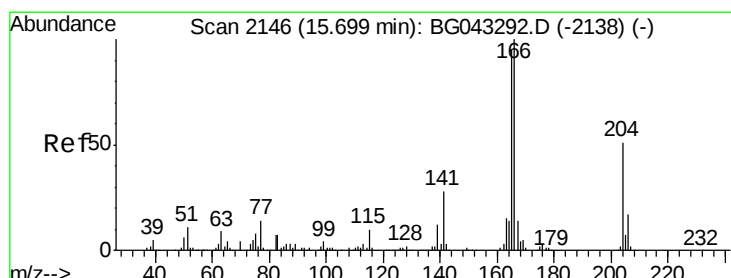
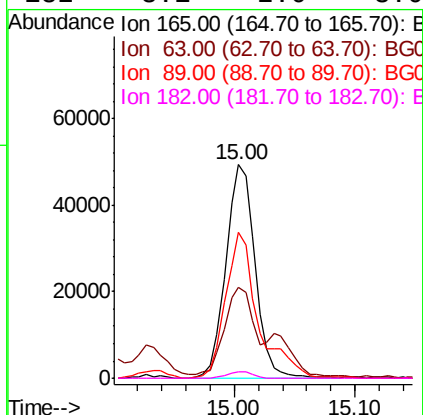
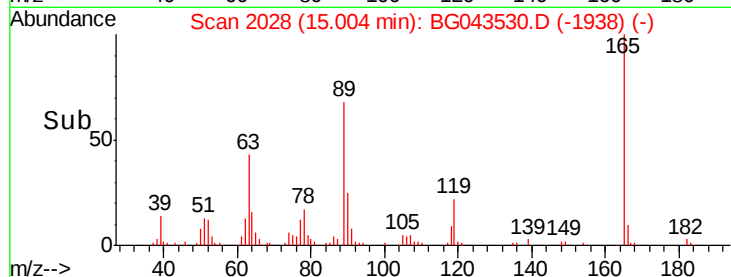
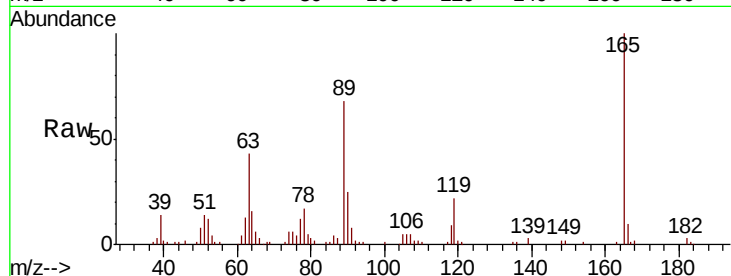




#57
2,4-Dinitrotoluene
Concen: 42.555 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

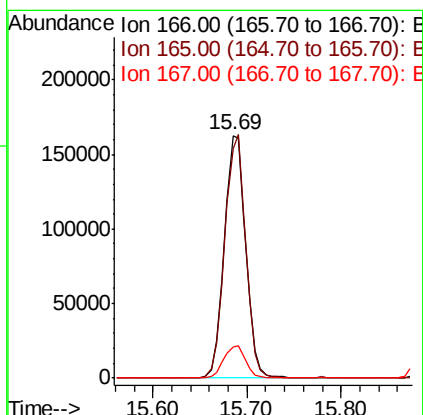
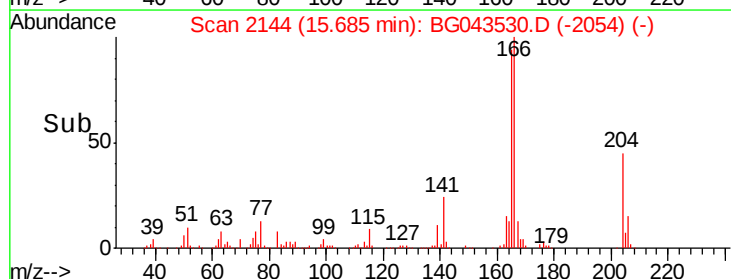
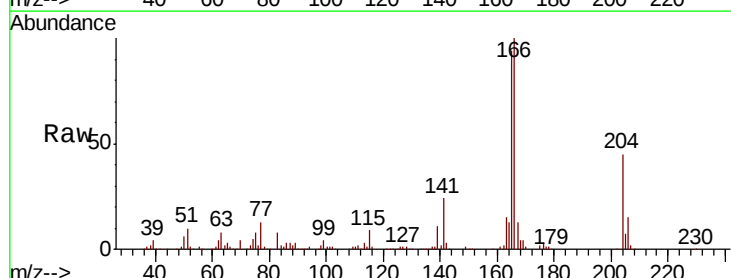
Instrument :
BNA_G
ClientSampled :

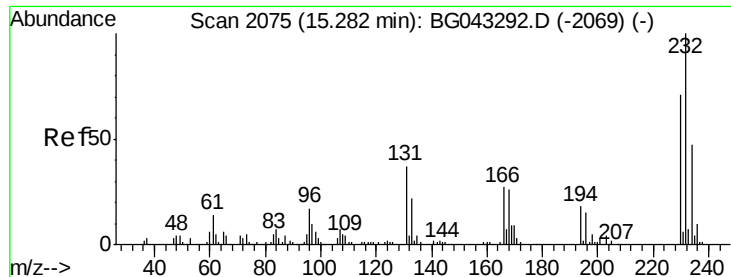
Tot Ion:165 Resp: 82901
Ion Ratio Lower Upper
165 100
63 42.7 33.2 49.8
89 68.0 52.2 78.4
182 3.1 2.0 3.0#



#58
Fluorene
Concen: 42.704 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion:166 Resp: 258486
Ion Ratio Lower Upper
166 100
165 94.5 79.0 118.6
167 12.9 10.5 15.7

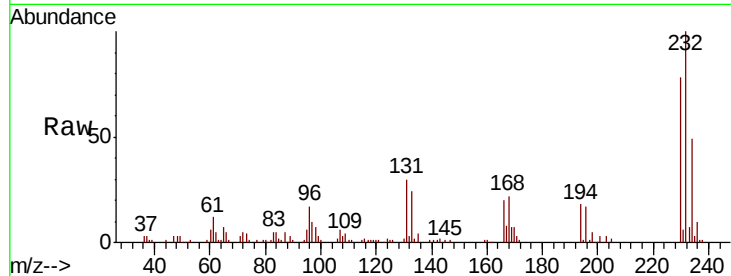




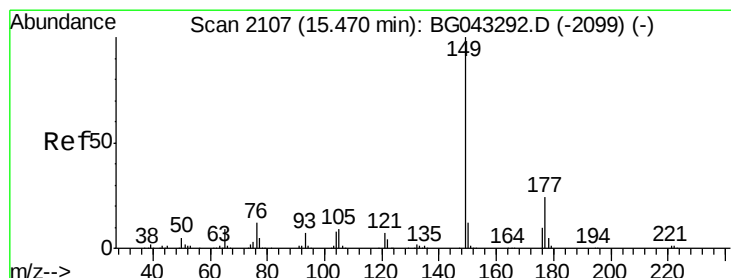
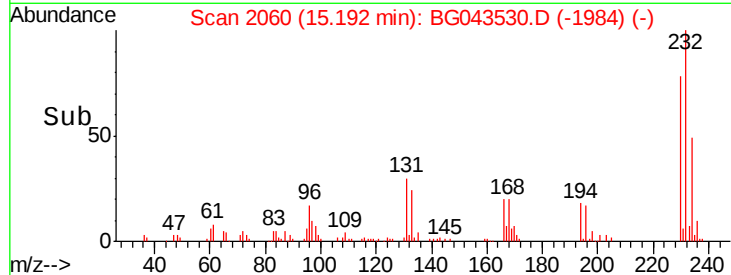
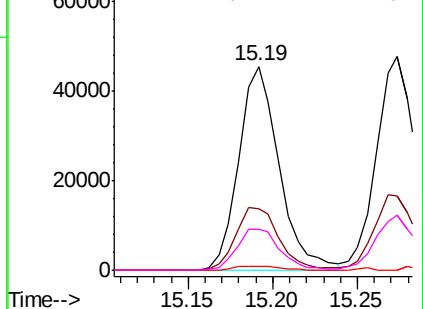
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.826 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.08 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	75526
Ion	Ratio	Lower	Upper
232	100		
131	33.1	26.9	40.3
130	2.1	1.8	2.6
166	21.6	20.9	31.3

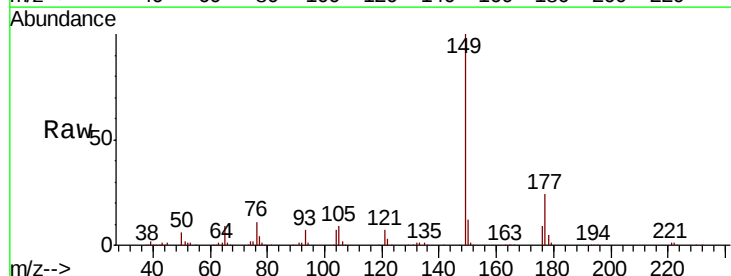


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

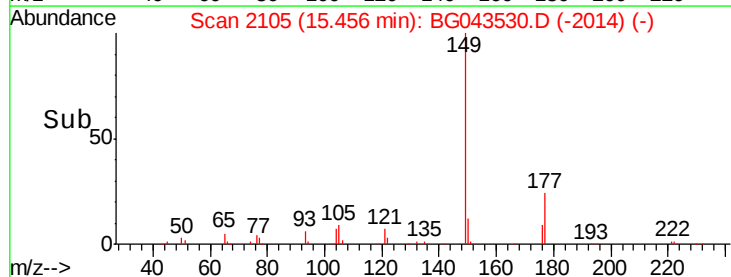
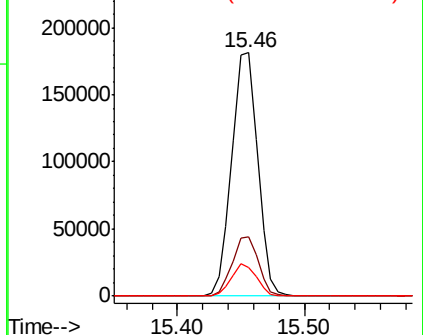


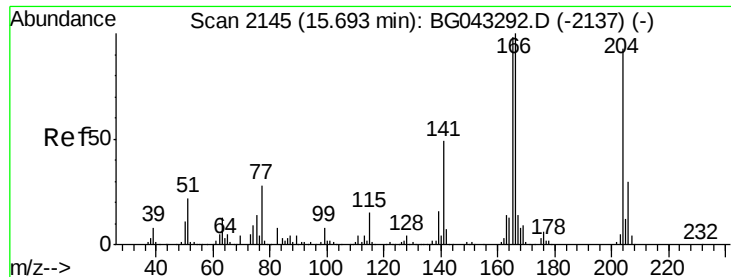
#60
Diethylphthalate
Concen: 40.924 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion:	149	Resp:	258008
Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.6	29.4
150	11.7	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 40.904 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampled :

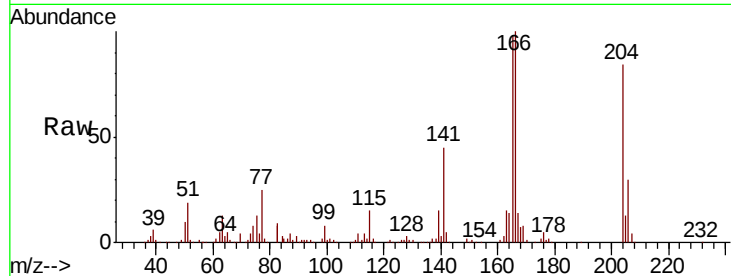
Tot Ion:204 Resp: 144439

Ion Ratio Lower Upper

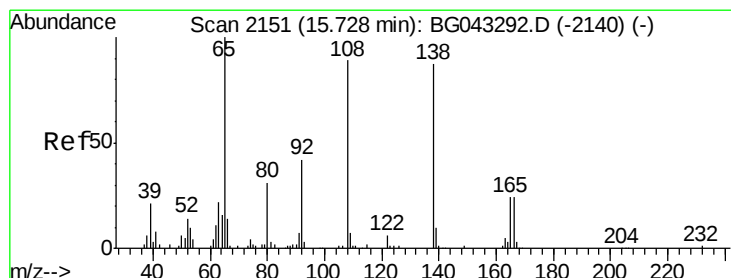
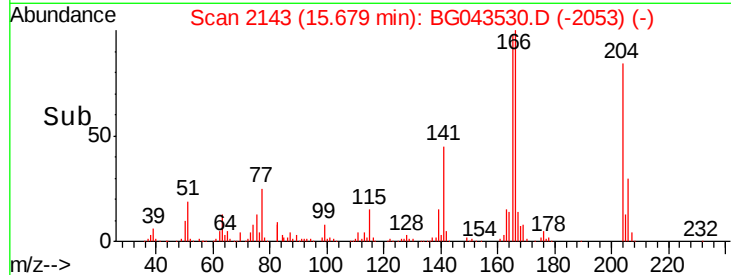
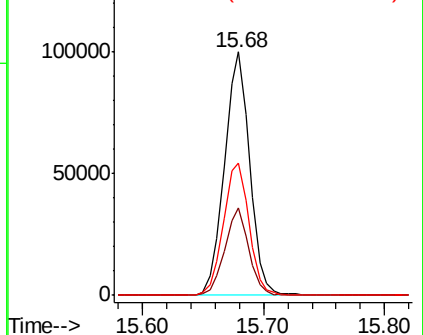
204 100

206 35.7 28.4 42.6

141 54.1 43.0 64.6



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: 40.616 ng

RT: 15.72 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

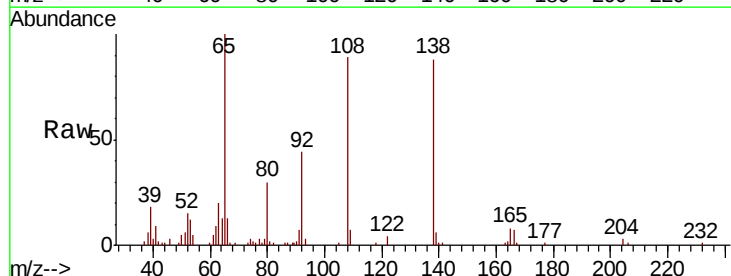
Tgt Ion:138 Resp: 55204

Ion Ratio Lower Upper

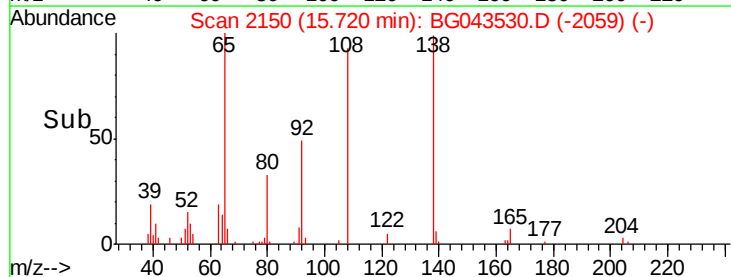
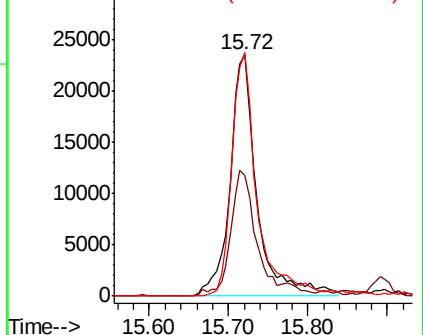
138 100

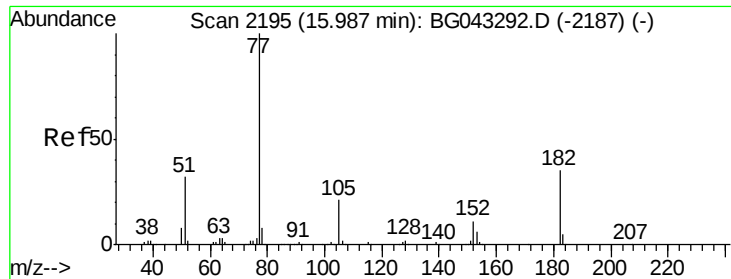
92 50.1 33.4 73.4

108 100.8 78.0 118.0



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

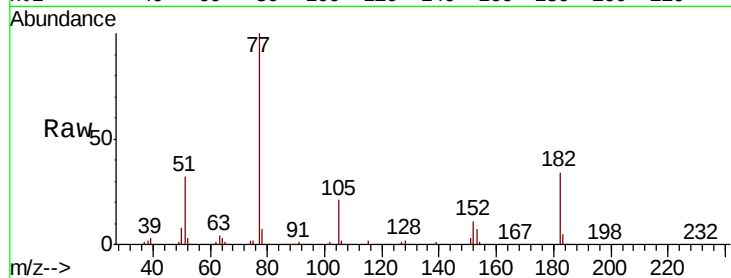




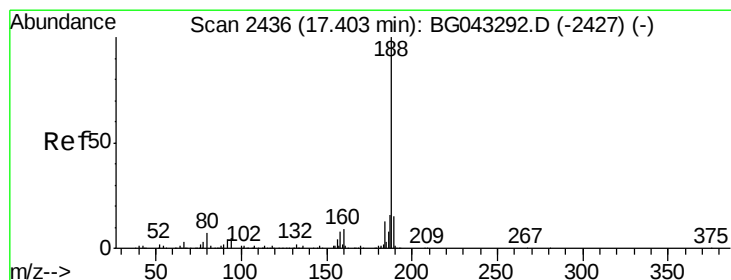
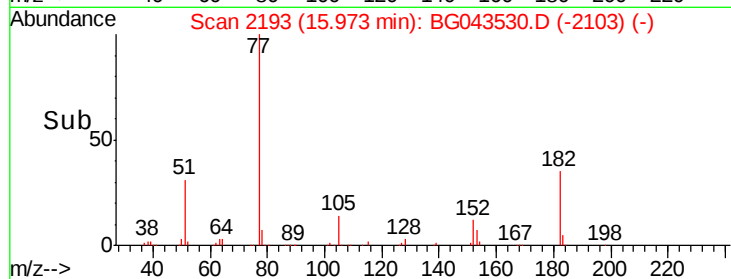
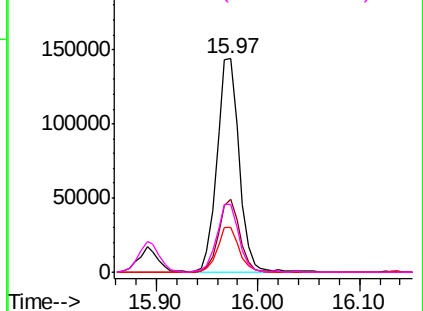
#63
Azobenzene
Concen: 42.613 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	217430
Ion	Ratio	Lower	Upper
77	100		
182	34.0	13.7	53.7
105	20.9	0.4	40.4
51	32.0	11.0	51.0

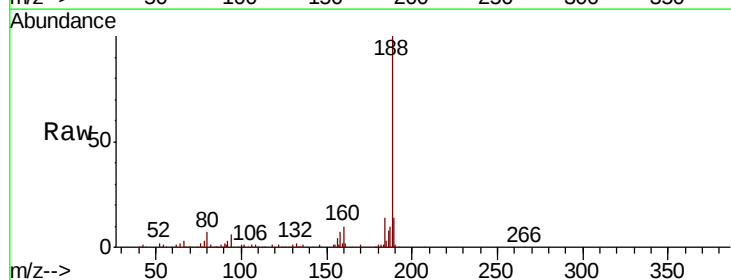


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

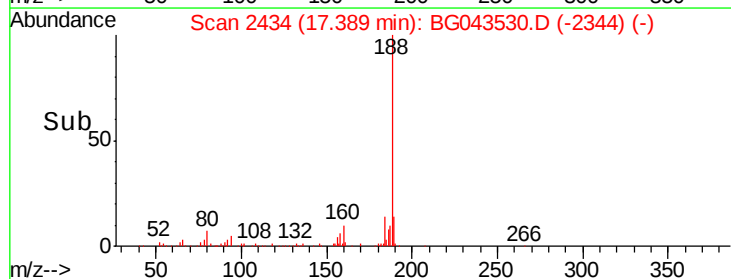
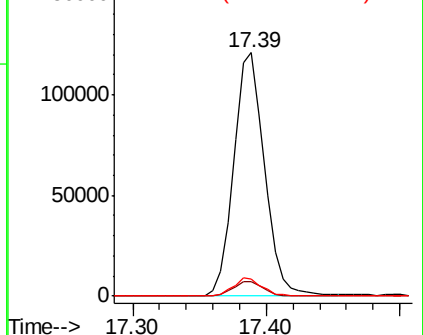


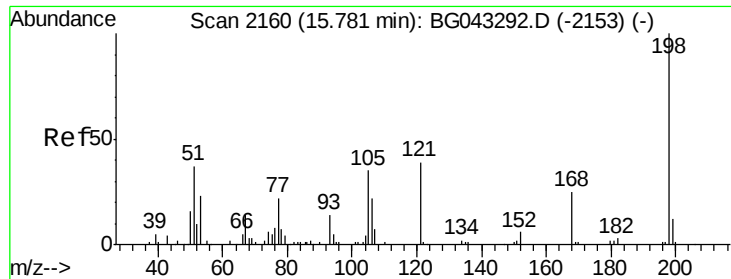
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion:	188	Resp:	194261
Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.4
80	6.8	4.5	6.7#



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

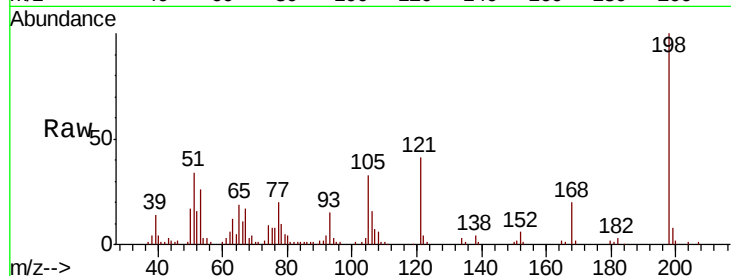




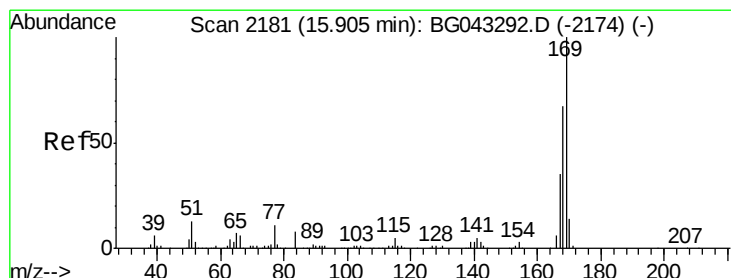
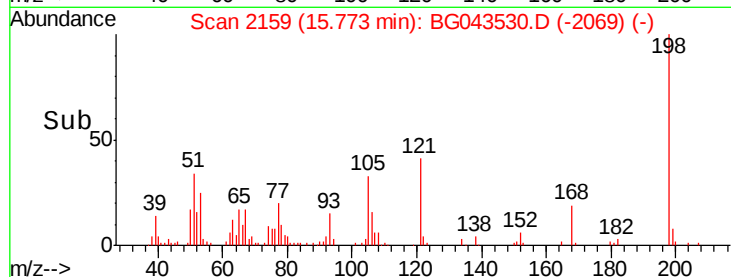
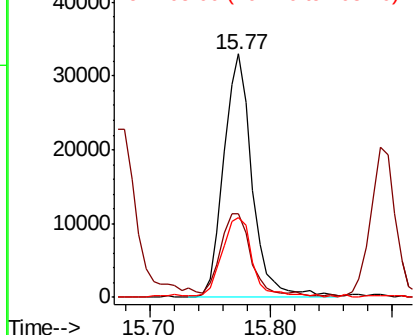
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.182 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:198 Resp: 53940
 Ion Ratio Lower Upper
 198 100
 51 34.4 13.2 53.2
 105 32.6 15.8 55.8

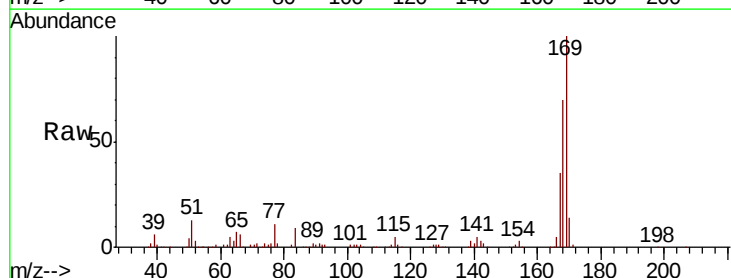


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

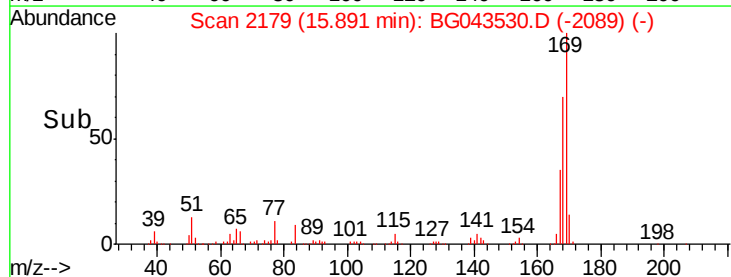
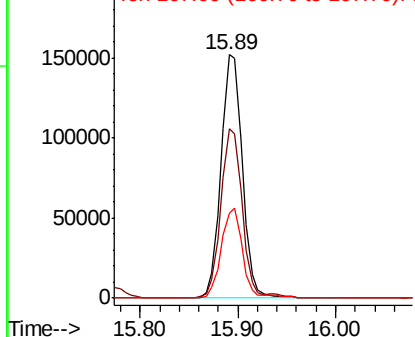


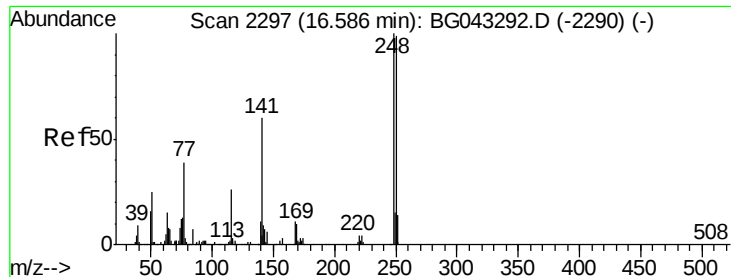
#66
 n-Nitrosodiphenylamine
 Concen: 42.163 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Tgt Ion:169 Resp: 231242
 Ion Ratio Lower Upper
 169 100
 168 69.7 53.8 80.6
 167 34.9 27.5 41.3



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

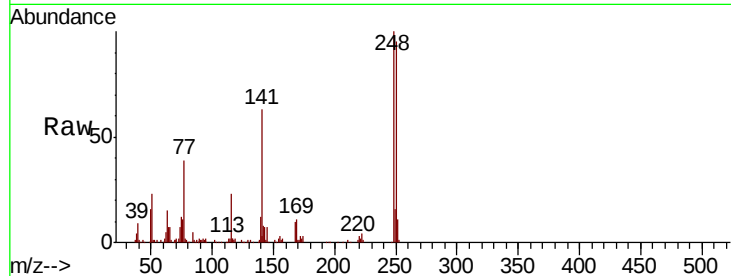




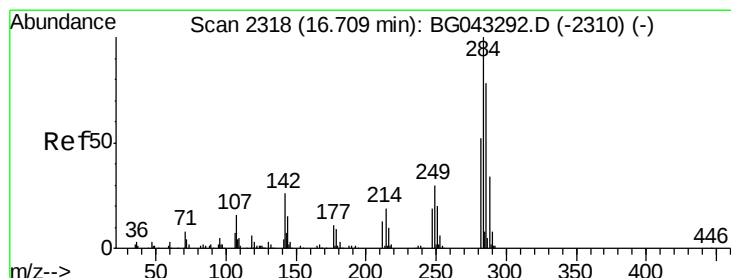
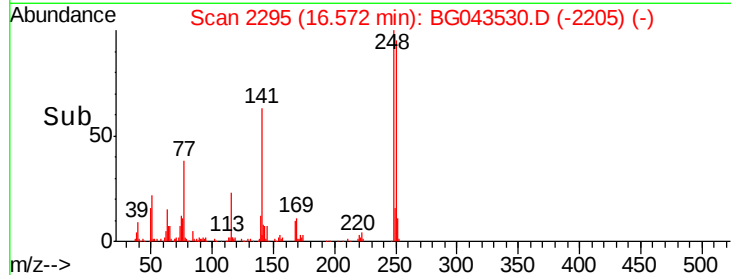
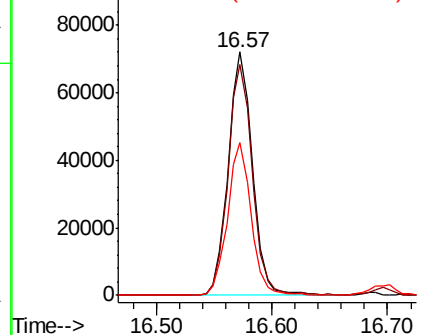
#67
 4-Bromophenyl-phenylether
 Concen: 39.968 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 104490
 Ion Ratio Lower Upper
 248 100
 250 95.0 77.0 115.4
 141 62.8 47.5 71.3

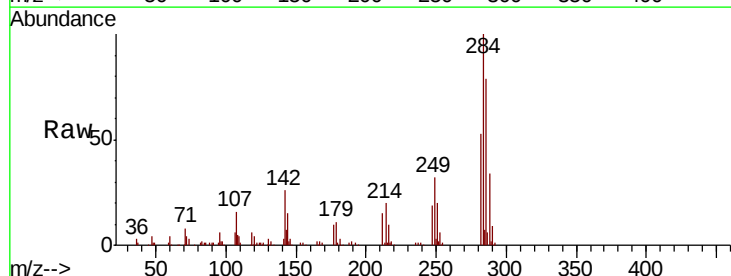


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

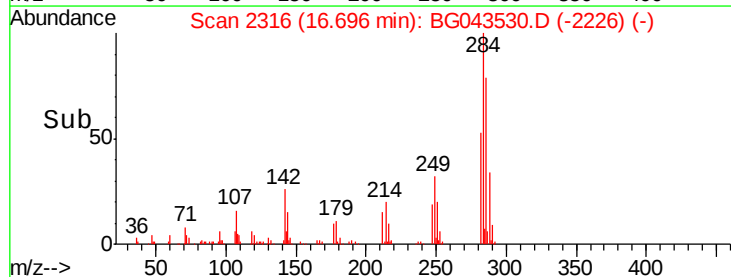
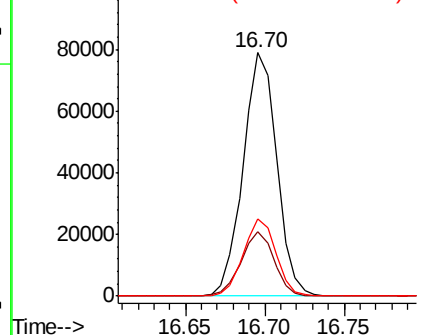


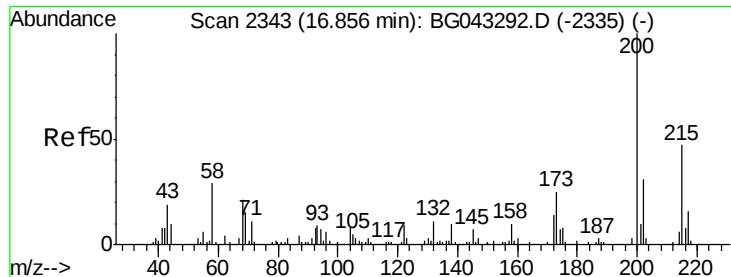
#68
 Hexachlorobenzene
 Concen: 38.738 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Tgt Ion:284 Resp: 116250
 Ion Ratio Lower Upper
 284 100
 142 26.2 19.8 29.8
 249 31.7 23.8 35.6



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

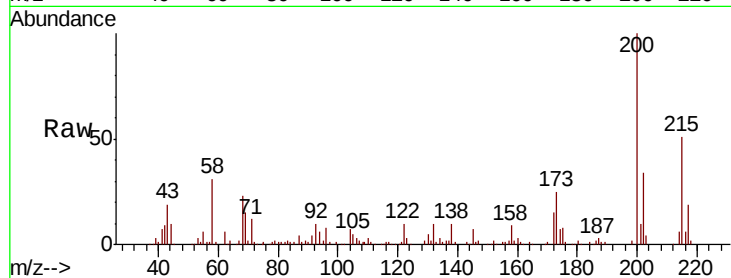




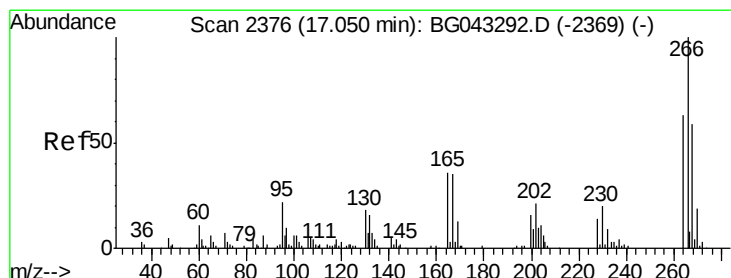
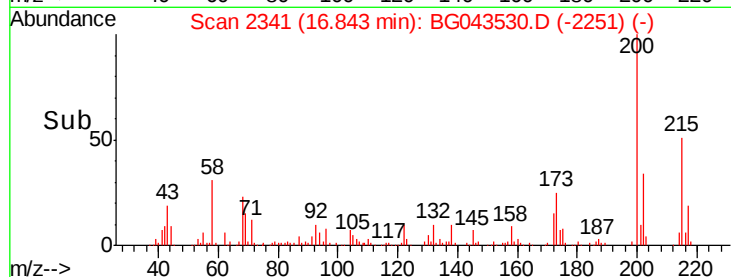
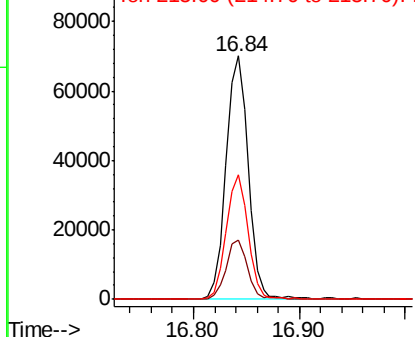
#69
 Atrazine
 Concen: 53.642 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 102227
 Ion Ratio Lower Upper
 200 100
 173 24.5 4.7 44.7
 215 51.0 28.5 68.5

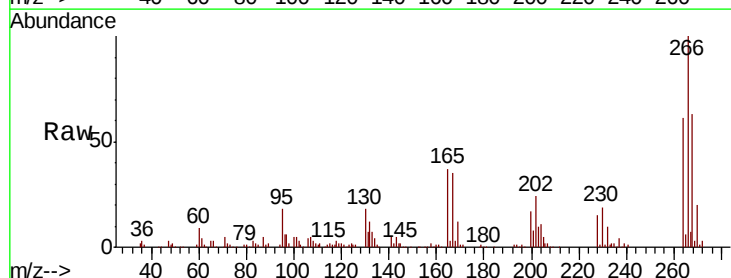


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

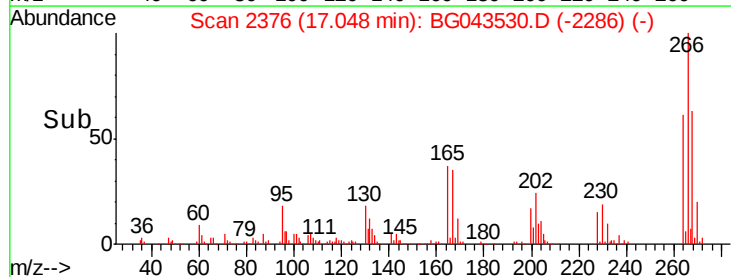
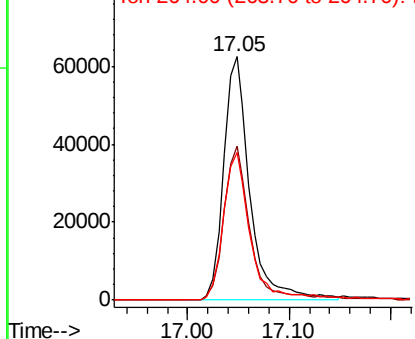


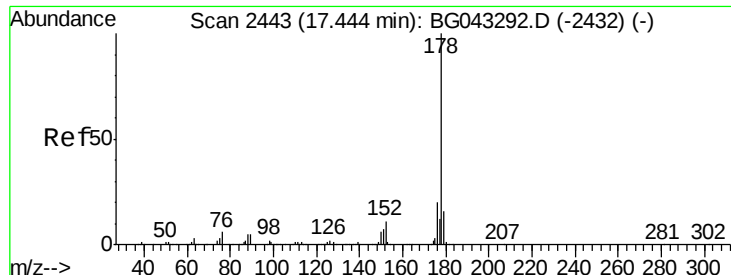
#70
 Pentachlorophenol
 Concen: 81.789 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Tgt Ion:266 Resp: 111839
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.4 75.6
 264 60.8 48.9 73.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

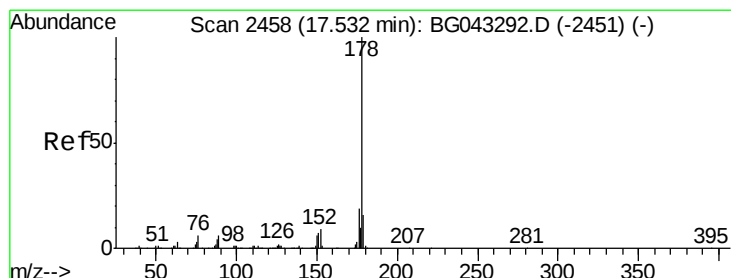
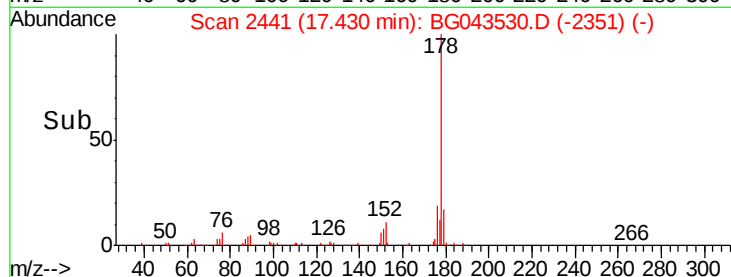
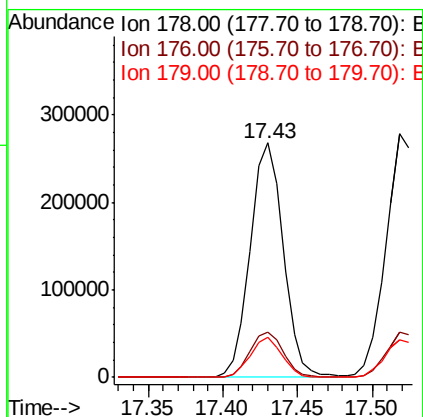
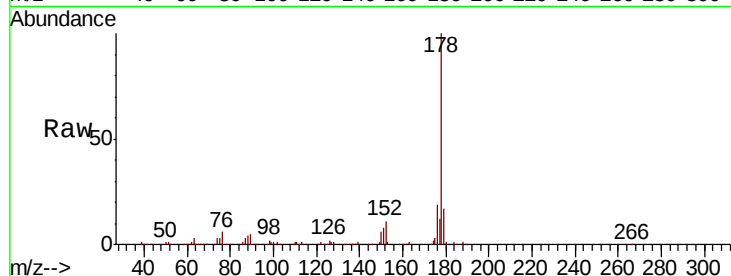




#71
Phenanthrene
Concen: 41.351 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

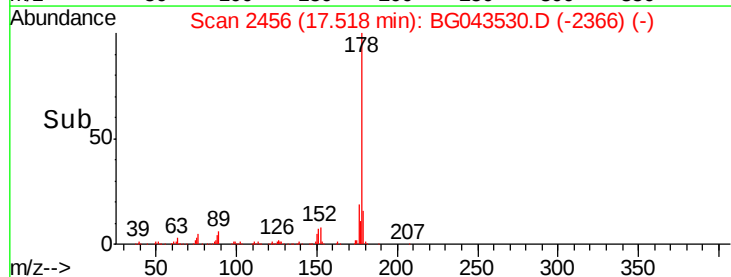
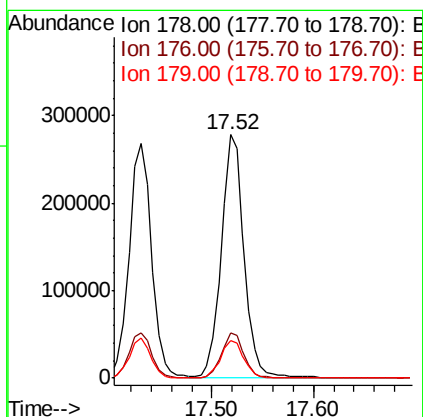
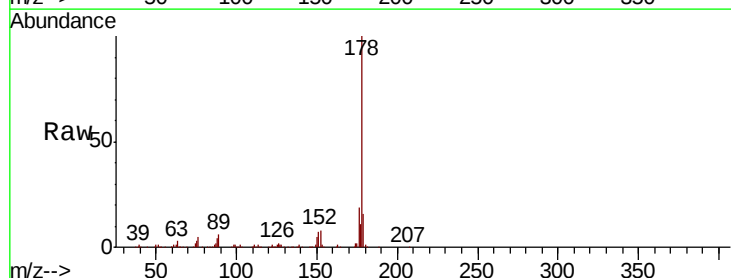
Instrument :
BNA_G
ClientSampleId :

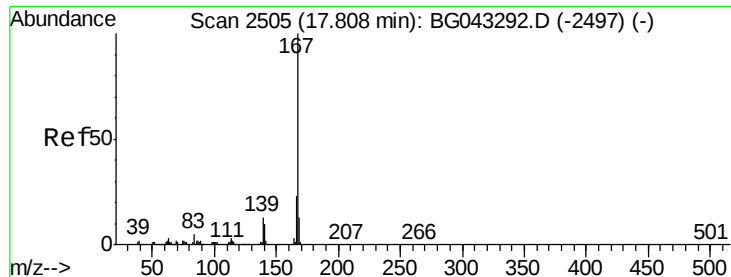
Tot Ion:178 Resp: 411348
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 17.4 13.0 19.6



#72
Anthracene
Concen: 43.234 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043530.D
Acq: 6 Nov 2019 21:26

Tgt Ion:178 Resp: 430297
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.6 13.7 20.5

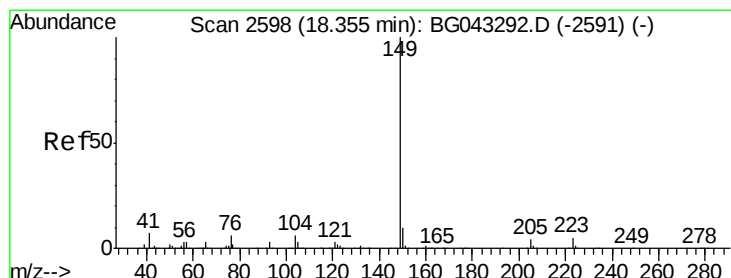
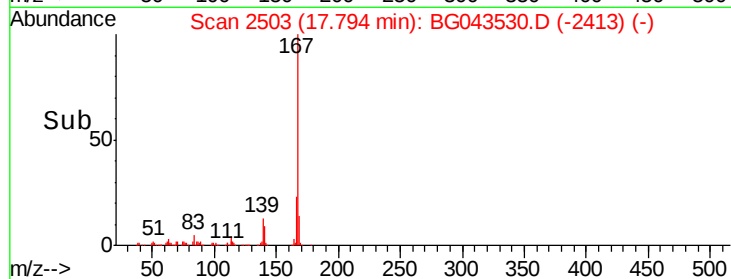
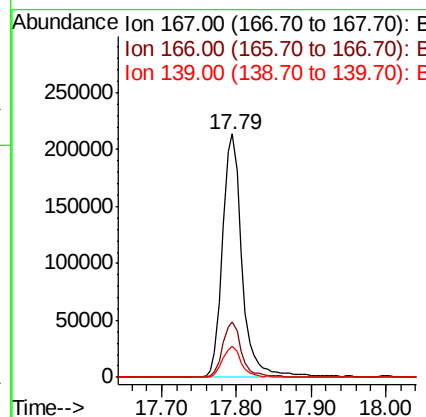
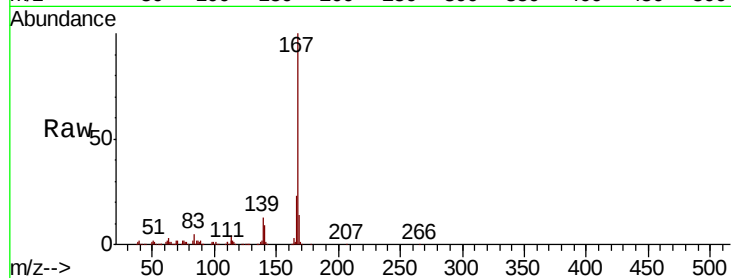




#73
 Carbazole
 Concen: 43.301 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

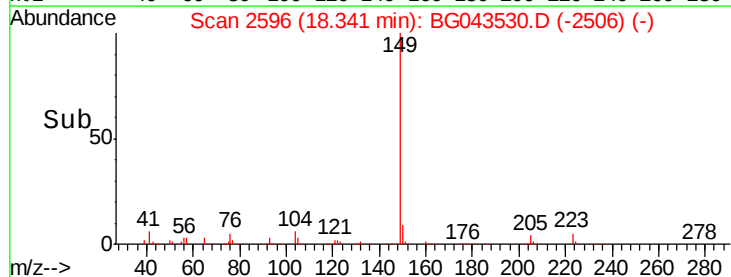
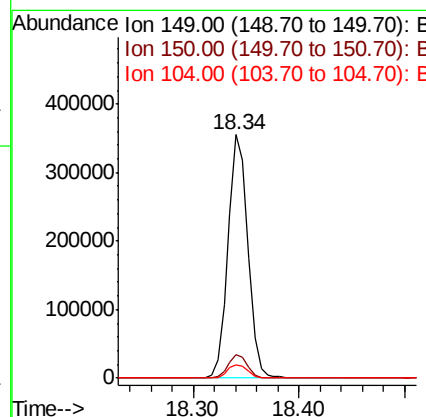
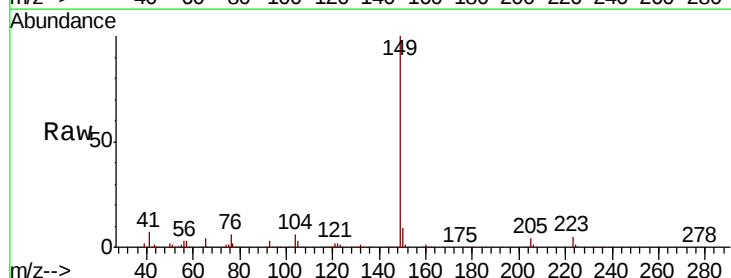
Instrument :
 BNA_G
 ClientSampled :

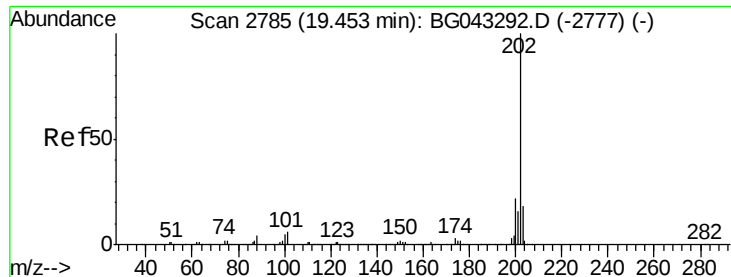
Tot Ion:167 Resp: 390272
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.7 28.1
 139 12.9 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 42.366 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Tgt Ion:149 Resp: 463308
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.0 12.0
 104 5.7 4.4 6.6





#75

Fluoranthene

Concen: 42.844 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

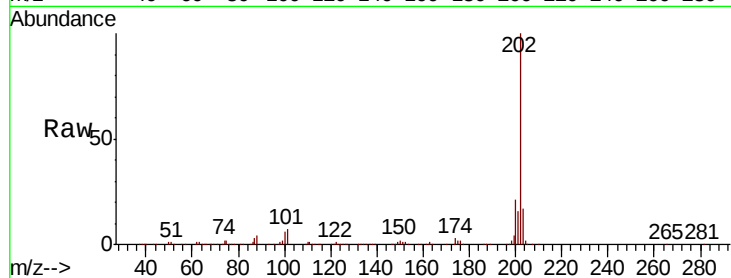
Tot Ion:202 Resp: 555632

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.3

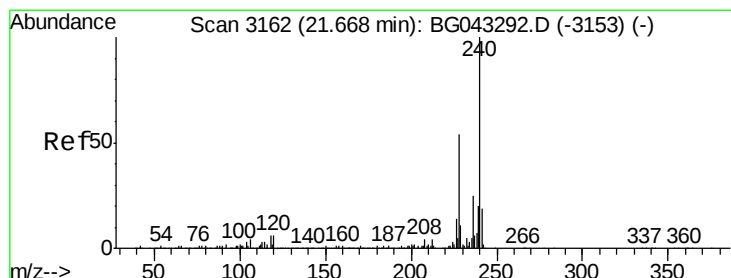
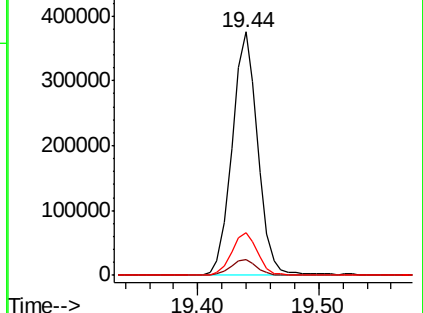
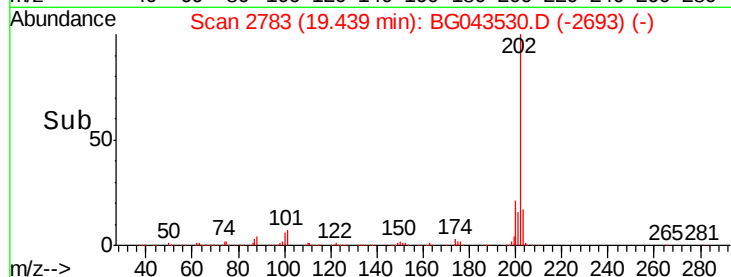
203 17.4 0.0 37.9



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: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

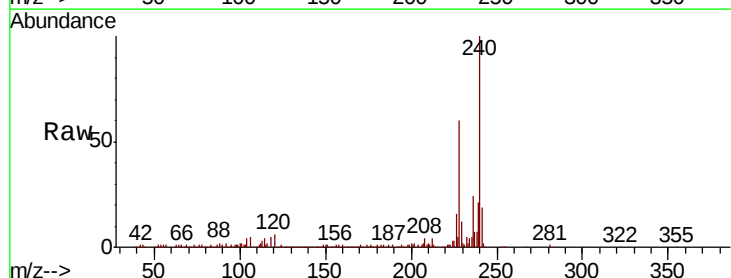
Tgt Ion:240 Resp: 212745

Ion Ratio Lower Upper

240 100

120 5.9 4.6 6.8

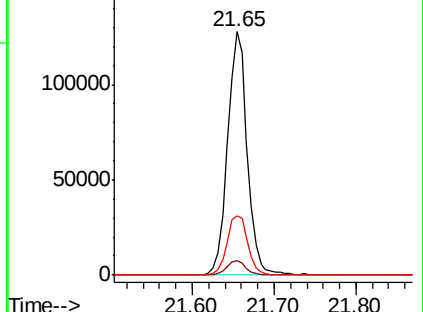
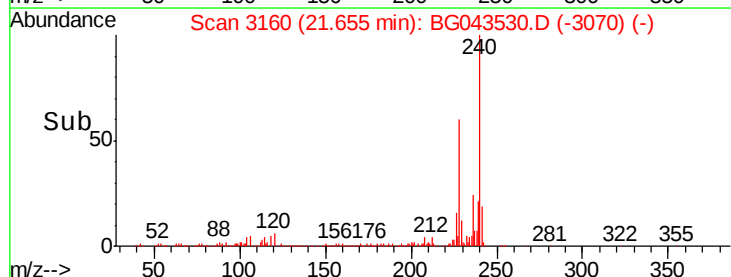
236 24.3 19.8 29.8

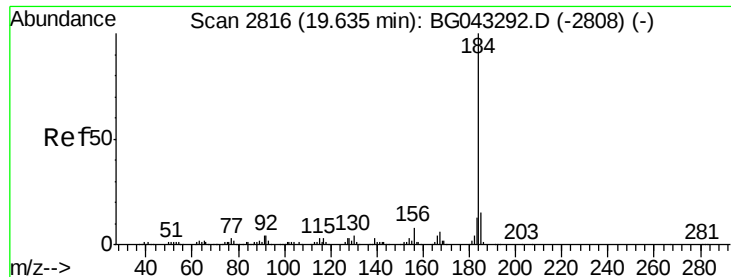


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.341 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

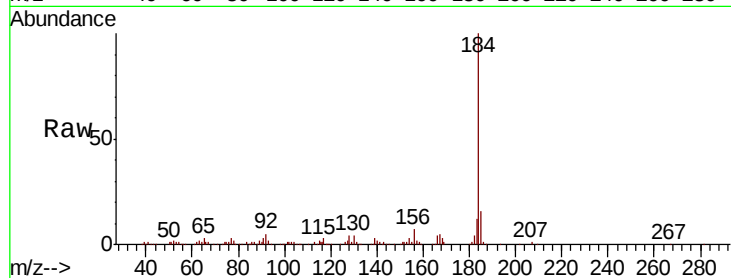
Tot Ion:184 Resp: 185569

Ion Ratio Lower Upper

184 100

185 15.6 11.0 16.4

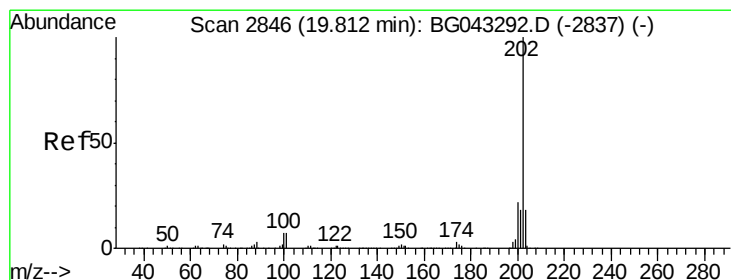
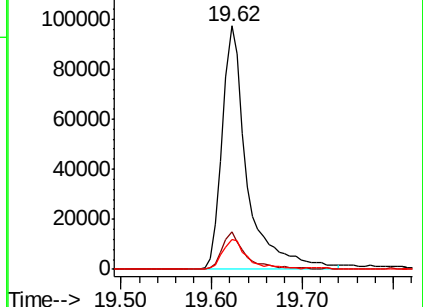
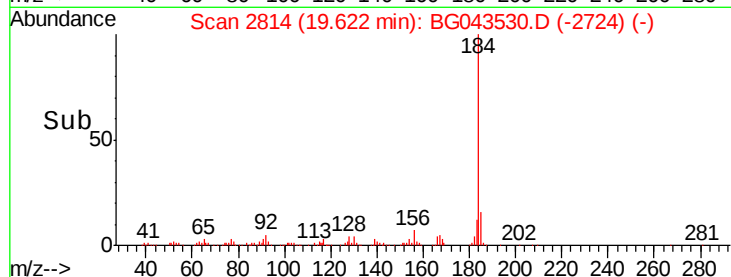
183 12.0 10.0 15.0



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: 42.758 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

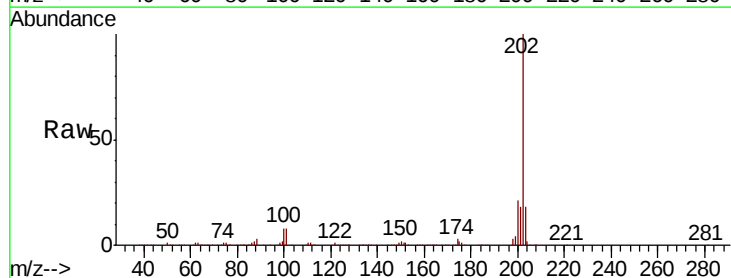
Tgt Ion:202 Resp: 563067

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

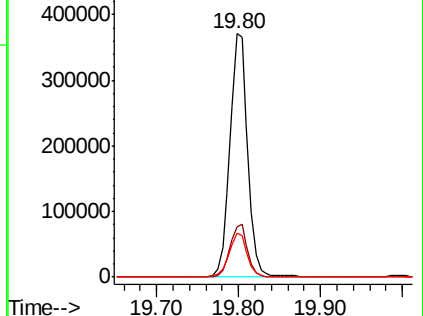
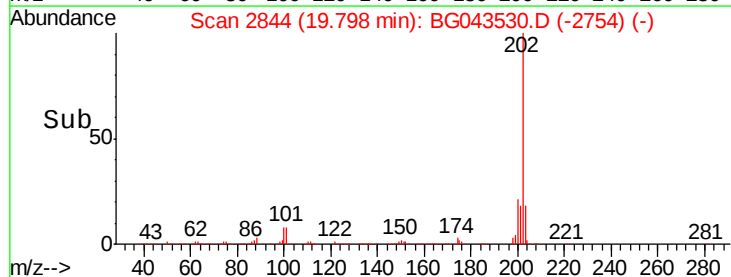
203 17.9 14.7 22.1

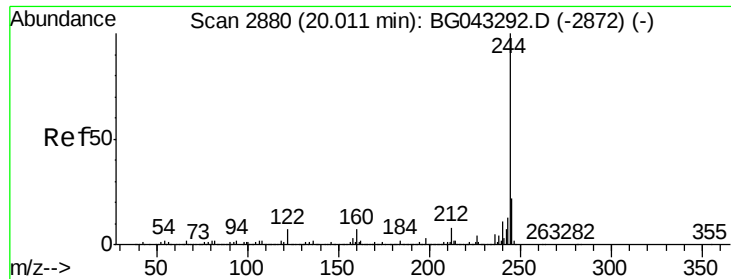


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.760 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

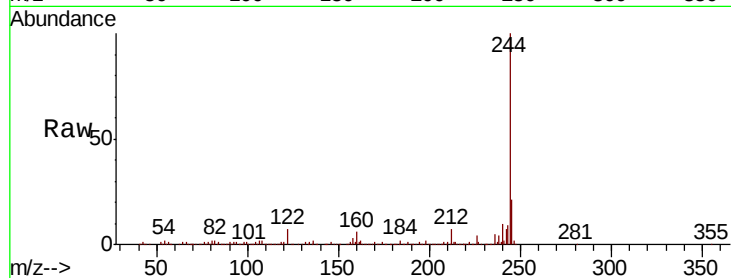
Tot Ion:244 Resp: 723039

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

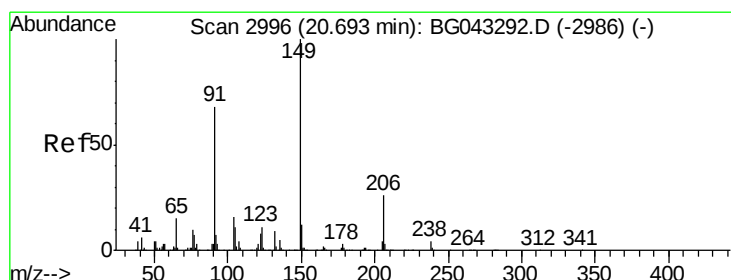
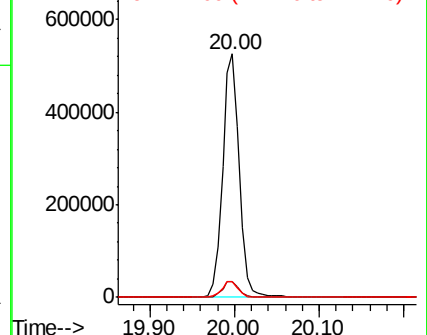
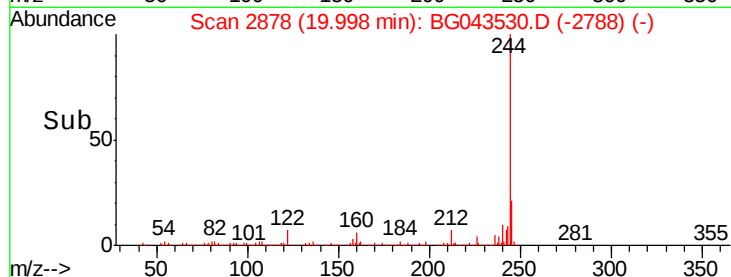
122 6.5 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.846 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

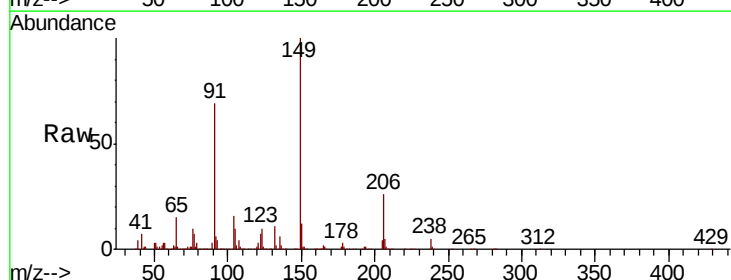
Tgt Ion:149 Resp: 213760

Ion Ratio Lower Upper

149 100

91 68.9 51.2 76.8

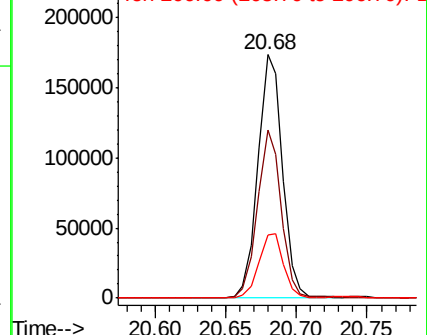
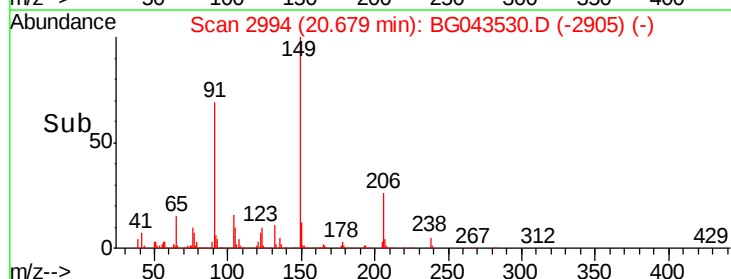
206 26.1 22.5 33.7

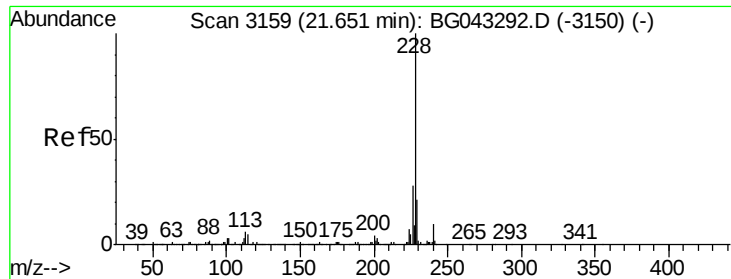


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.259 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

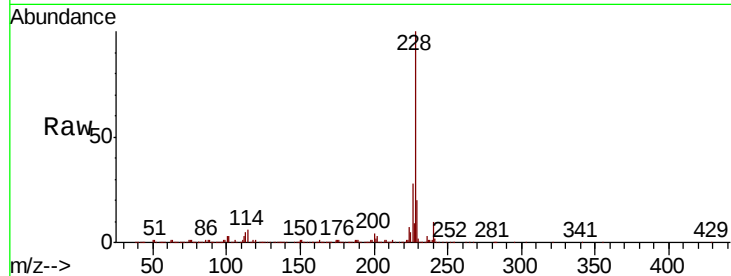
Tot Ion:228 Resp: 576483

Ion Ratio Lower Upper

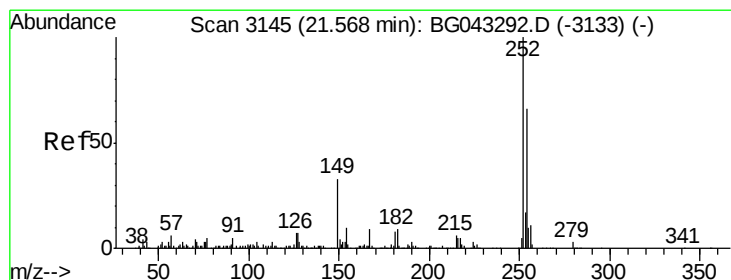
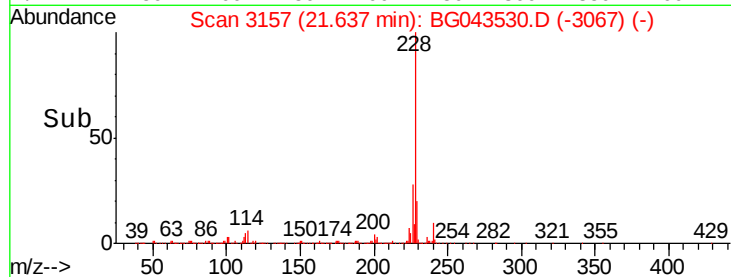
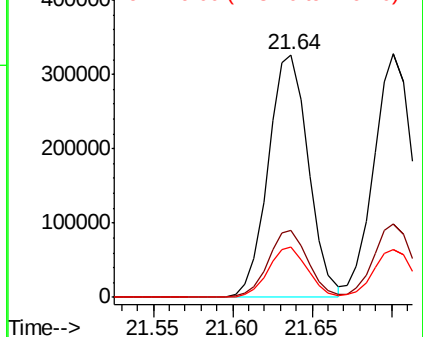
228 100

226 27.6 22.2 33.2

229 20.5 17.0 25.4



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



#82

3,3'-Dichlorobenzidine

Concen: 18.862 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

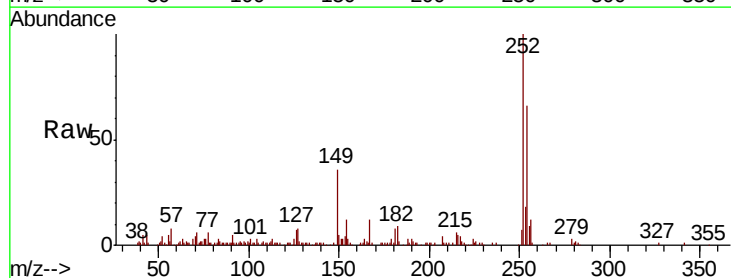
Tgt Ion:252 Resp: 97218

Ion Ratio Lower Upper

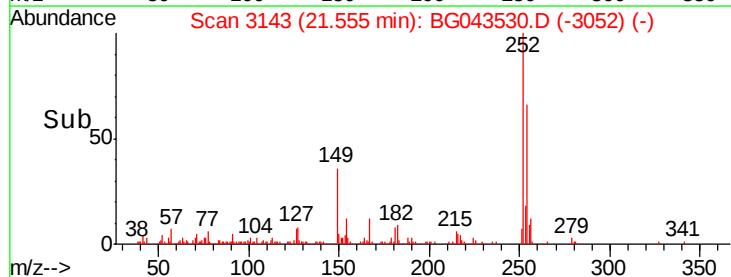
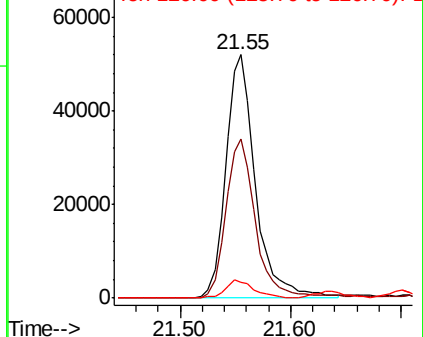
252 100

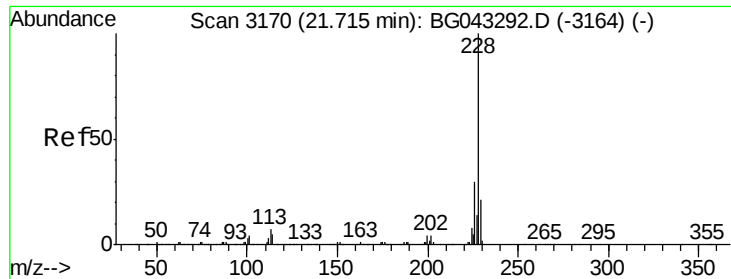
254 65.5 50.8 76.2

126 6.7 6.1 9.1



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





#83

Chrysene

Concen: 42.764 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

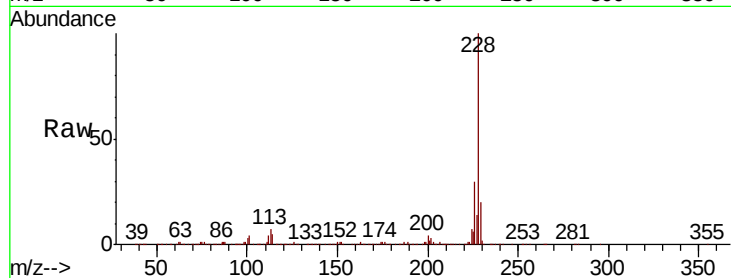
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 566219

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.1	37.7
229	19.9	17.0	25.4

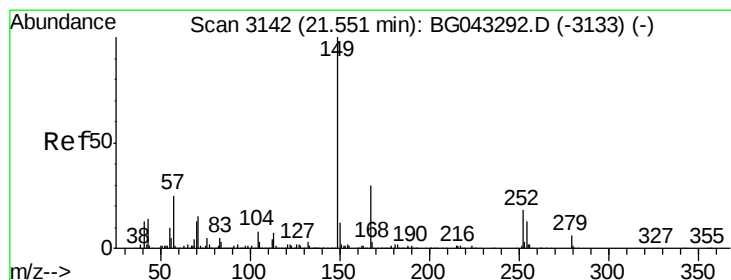
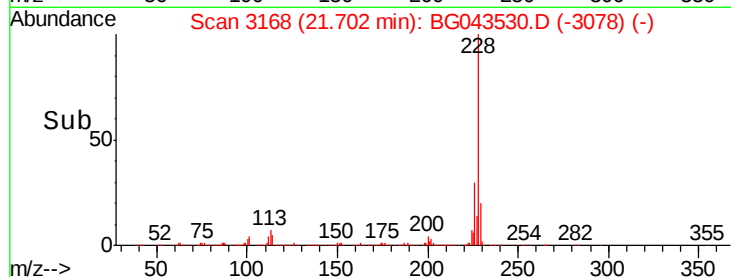
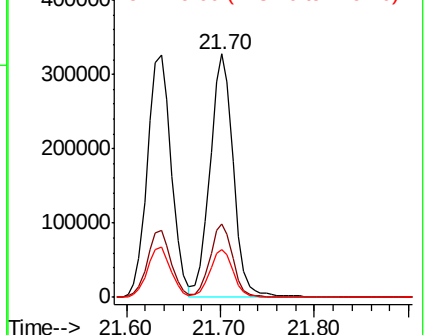


Abundance

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: 43.190 ng

RT: 21.54 min Scan# 3140

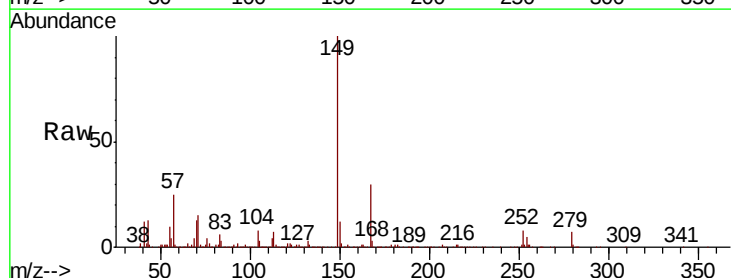
Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Tgt Ion:149 Resp: 306091

Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.0	36.0
279	6.8	5.4	8.2

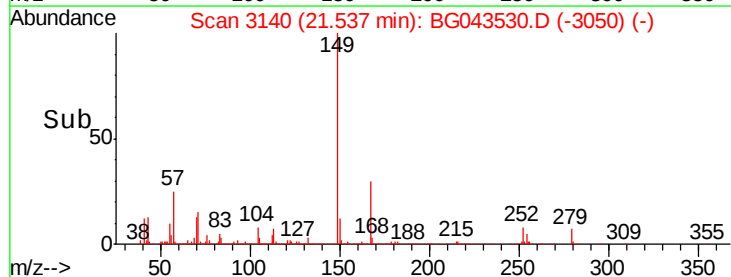
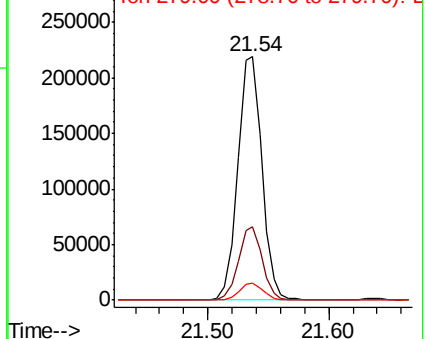


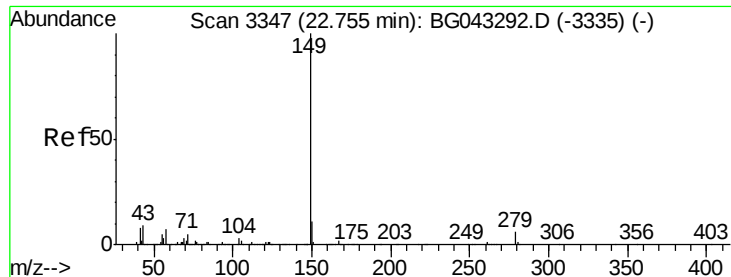
Abundance

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: 44.302 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

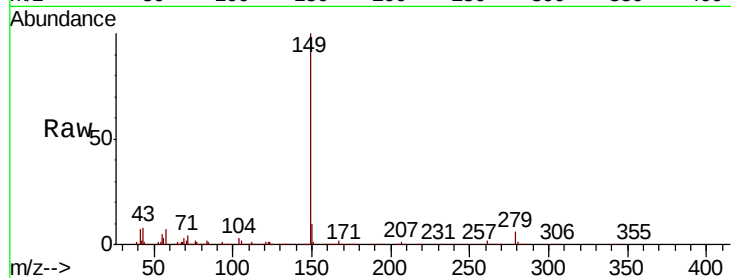
Tot Ion:149 Resp: 532678

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

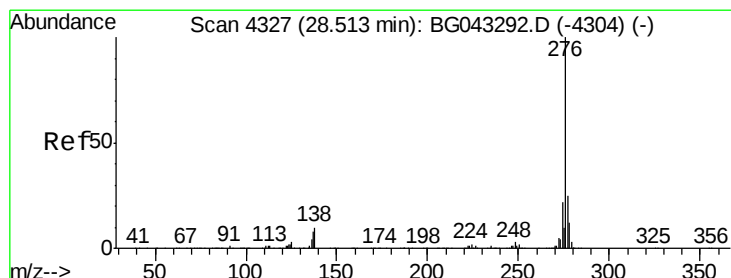
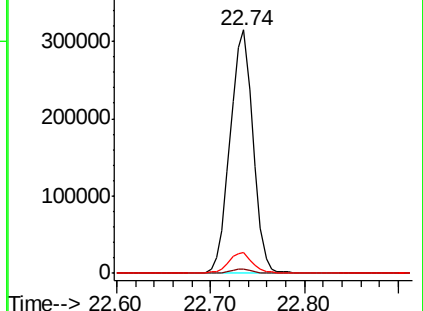
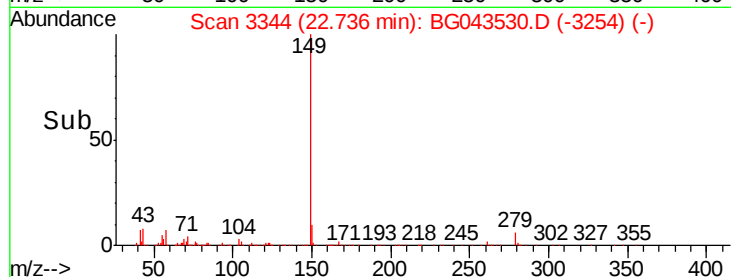
43 8.5 7.0 10.6



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: 43.966 ng

RT: 28.50 min Scan# 4325

Delta R.T. 0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

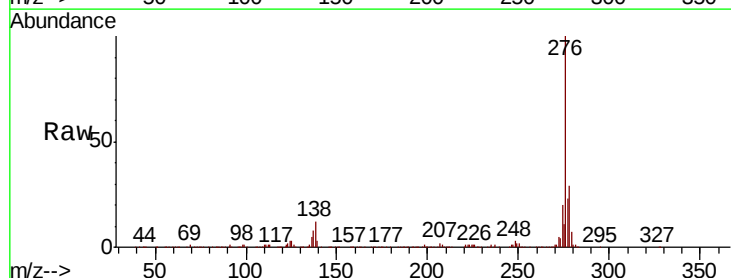
Tgt Ion:276 Resp: 730735

Ion Ratio Lower Upper

276 100

138 14.6 6.8 10.2#

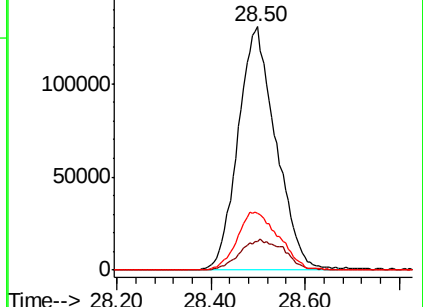
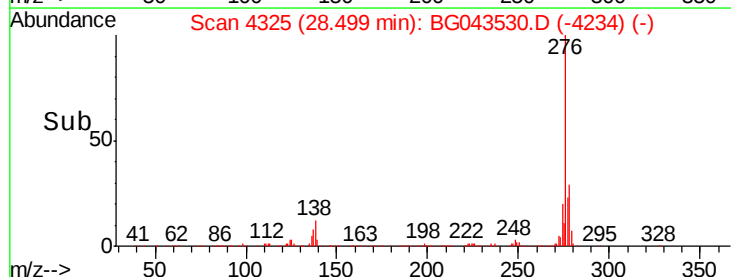
277 0.0 20.9 31.3#

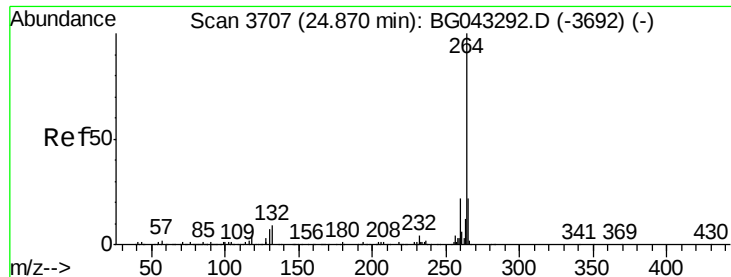


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

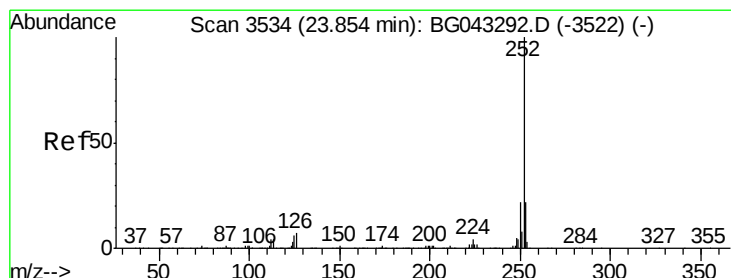
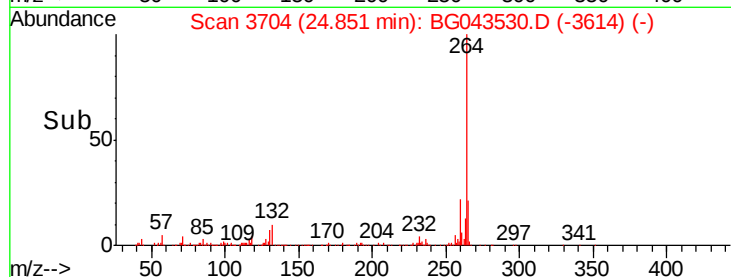
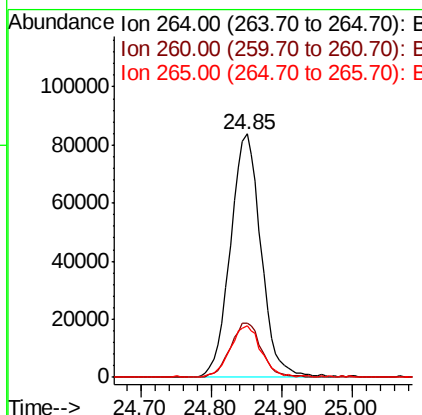
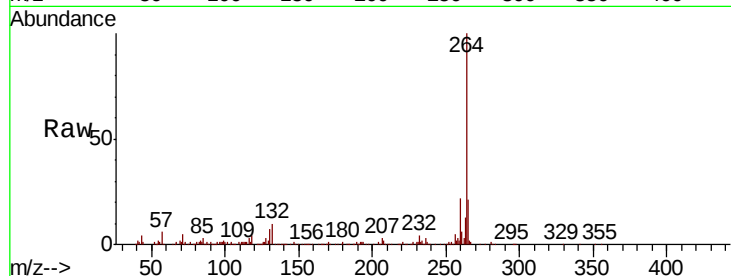




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.00 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

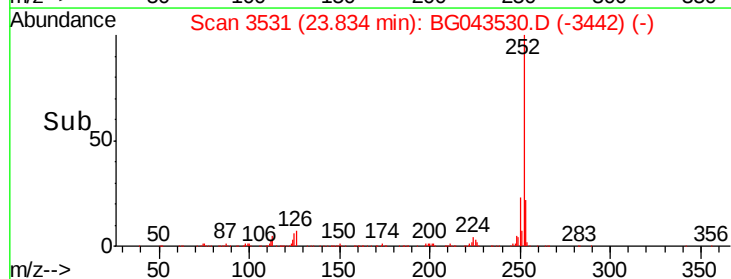
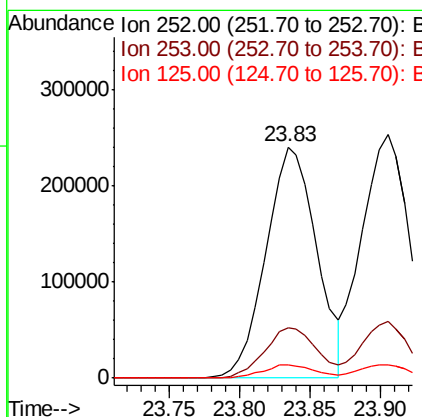
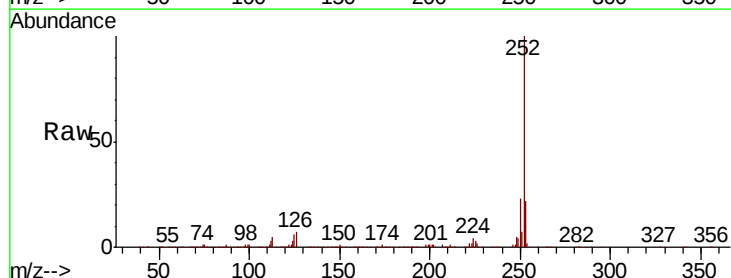
Instrument :
 BNA_G
 ClientSampleId :

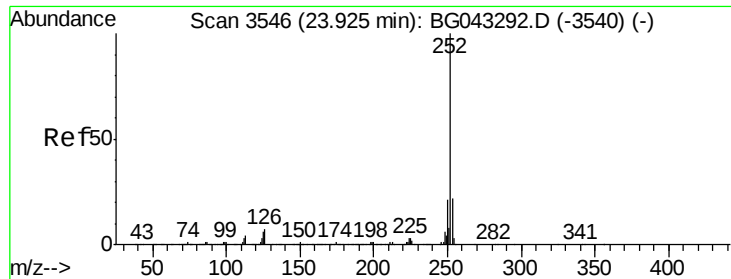
Tot Ion:264 Resp: 252551
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.5 26.3
 265 21.0 17.4 26.0



#88
 Benzo(b)fluoranthene
 Concen: 42.272 ng
 RT: 23.83 min Scan# 3531
 Delta R.T. -0.01 min
 Lab File: BG043530.D
 Acq: 6 Nov 2019 21:26

Tgt Ion:252 Resp: 604649
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.7 26.5
 125 5.6 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 42.209 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG043530.D

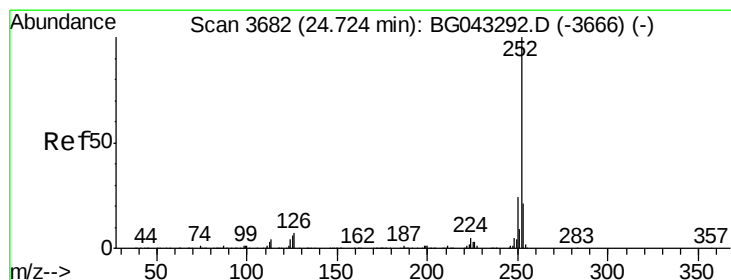
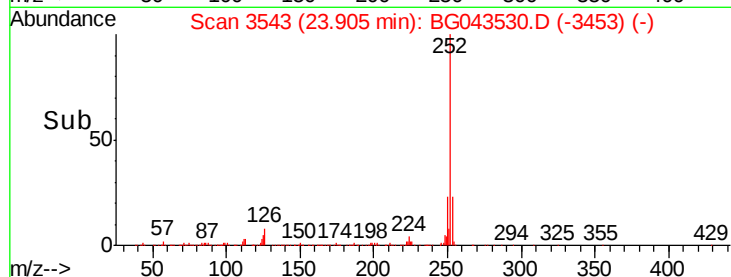
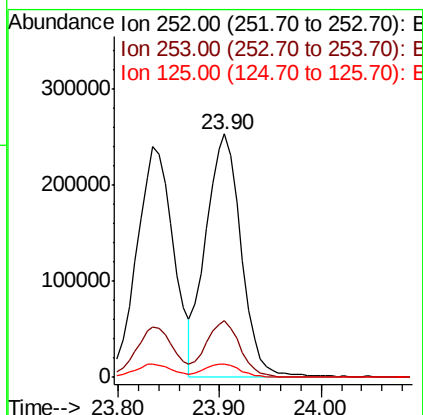
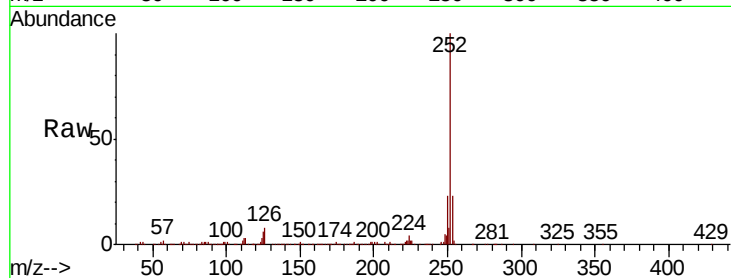
Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	607797
Ion Ratio	Lower	Upper
252	100	
253	23.2	17.3 25.9
125	5.5	4.6 6.8



#90

Benzo(a)pyrene

Concen: 41.641 ng

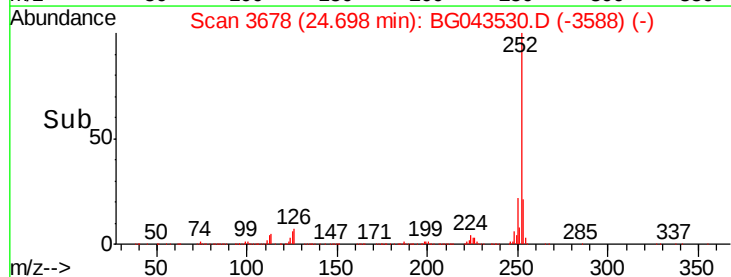
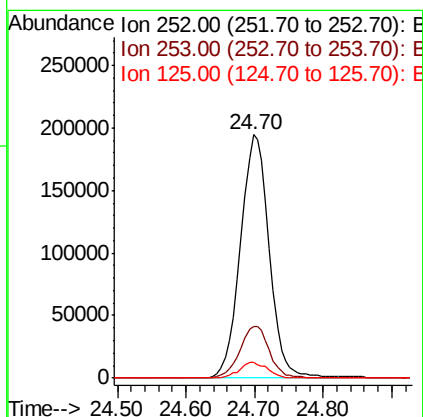
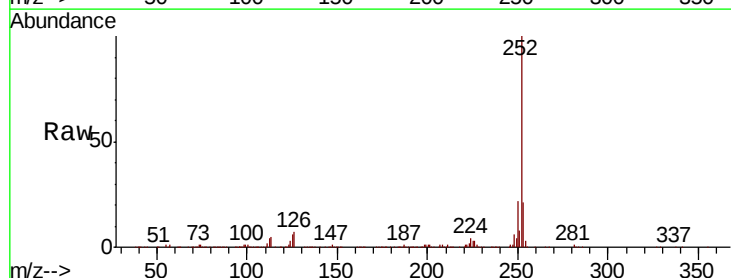
RT: 24.70 min Scan# 3678

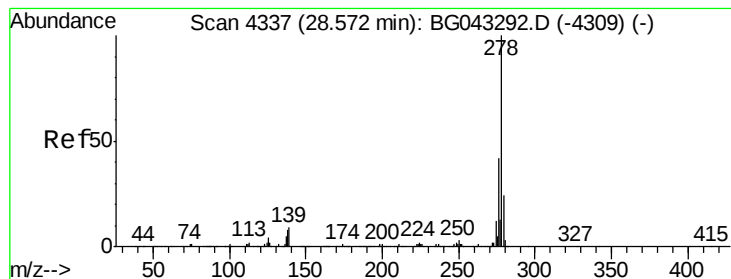
Delta R.T. -0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Tgt Ion:252	Resp:	568769
Ion Ratio	Lower	Upper
252	100	
253	21.3	17.8 26.8
125	6.3	5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 44.284 ng

RT: 28.55 min Scan# 4333

Delta R.T. -0.01 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

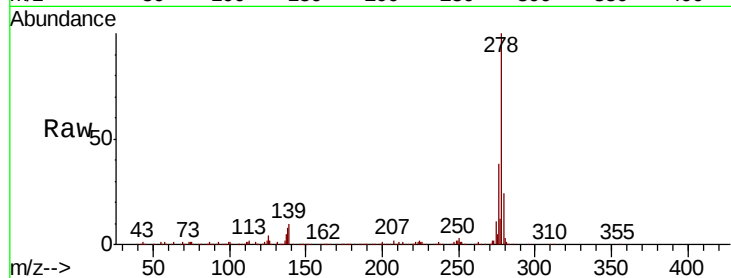
Tot Ion:278 Resp: 618696

Ion Ratio Lower Upper

278 100

139 10.5 7.4 11.0

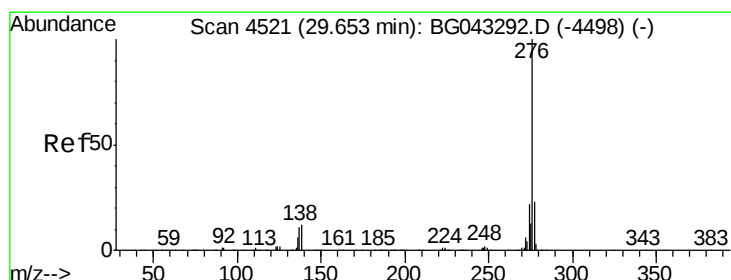
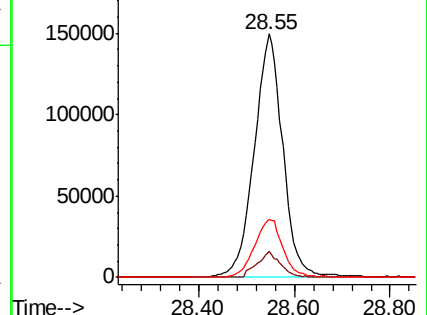
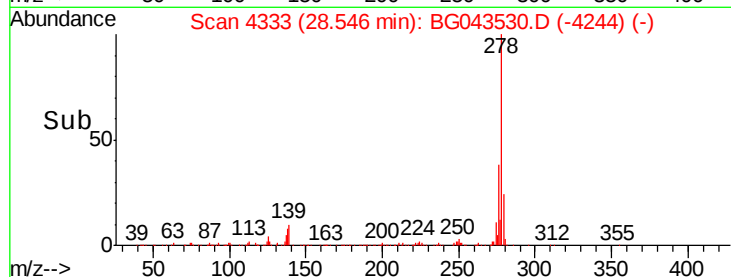
279 24.1 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.841 ng

RT: 29.63 min Scan# 4518

Delta R.T. 0.00 min

Lab File: BG043530.D

Acq: 6 Nov 2019 21:26

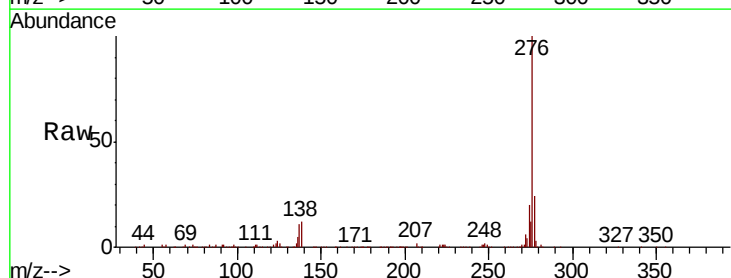
Tgt Ion:276 Resp: 617958

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 12.0 8.9 13.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

