

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
 Data File : BG043079.D
 Acq On : 7 Oct 2019 22:22
 Operator : JU
 Sample : PB123704BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BSD

Quant Time: Oct 08 01:50:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49811	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	207760	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	167103	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	414920	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	420161	20.00	ng	-0.02
87) Perylene-d12	24.91	264	498840	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	288101	103.22	ng	-0.02
7) Phenol-d6	7.23	99	293539	73.03	ng	-0.01
23) Nitrobenzene-d5	9.22	82	368214	86.14	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	431044	150.01	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1009636	87.59	ng	-0.02
79) Terphenyl-d14	20.03	244	2010554	101.97	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	29459	25.315	ng	96
3) Pyridine	3.94	79	43006	13.139	ng	87
4) n-Nitrosodimethylamine	3.85	42	46091	29.283	ng	# 88
6) Aniline	7.39	93	100733	20.762	ng	99
8) 2-Chlorophenol	7.63	128	152339	52.336	ng	97
9) Benzaldehyde	7.20	77	26695	10.869	ng	91
10) Phenol	7.25	94	107860	29.249	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	140527	49.252	ng	88
12) 1,3-Dichlorobenzene	7.95	146	147321	39.675	ng	98
13) 1,4-Dichlorobenzene	8.09	146	152883	41.302	ng	99
14) 1,2-Dichlorobenzene	8.41	146	145430	41.267	ng	96
15) Benzyl Alcohol	8.30	79	89859	29.736	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	188929	34.479	ng	98
17) 2-Methylphenol	8.51	107	126860	49.165	ng	98
18) Hexachloroethane	9.15	117	53066	38.065	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	123832	46.920	ng	92
20) 3+4-Methylphenols	8.83	107	163740	46.306	ng	95
22) Acetophenone	8.88	105	235641	44.001	ng	# 95
24) Nitrobenzene	9.26	77	181743	44.576	ng	97
25) Isophorone	9.78	82	359619	47.897	ng	99
26) 2-Nitrophenol	9.97	139	92214	53.130	ng	98
27) 2,4-Dimethylphenol	10.03	122	159339	59.779	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	198228	46.533	ng	97
29) 2,4-Dichlorophenol	10.52	162	184833	55.756	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	179051	41.825	ng	96
31) Naphthalene	10.91	128	466547	45.618	ng	100
32) Benzoic acid	10.15	122	33641	19.548	ng	89
33) 4-Chloroaniline	11.03	127	12307	2.773	ng	# 90
34) Hexachlorobutadiene	11.20	225	124472	38.832	ng	95
35) Caprolactam	11.80	113	11846	10.133	ng	# 77
36) 4-Chloro-3-methylphenol	12.15	107	204140	56.637	ng	98
37) 2-Methylnaphthalene	12.51	142	373263	47.841	ng	96
38) 1-Methylnaphthalene	12.73	142	357991	48.491	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	248021	39.475	ng	99

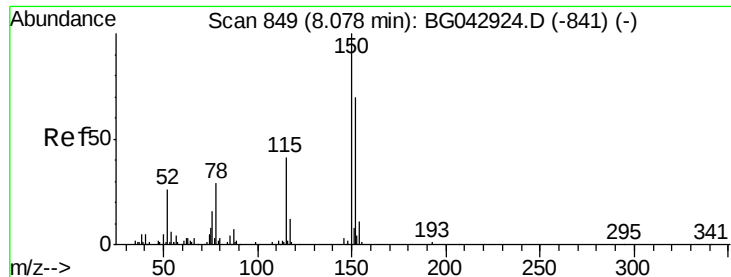
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
 Data File : BG043079.D
 Acq On : 7 Oct 2019 22:22
 Operator : JU
 Sample : PB123704BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BSD

Quant Time: Oct 08 01:50:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	319280	79.756	nq	95
43) 2,4,6-Trichlorophenol	13.12	196	180322	49.035	nq	99
44) 2,4,5-Trichlorophenol	13.19	196	196202	51.791	nq	96
46) 1,1'-Biphenyl	13.52	154	530253	41.844	nq	98
47) 2-Chloronaphthalene	13.56	162	421867	44.403	nq	99
48) 2-Nitroaniline	13.76	65	142351	45.055	nq	91
49) Acenaphthylene	14.40	152	698771	48.065	nq	99
50) Dimethylphthalate	14.13	163	743836	59.410	nq	98
51) 2,6-Dinitrotoluene	14.25	165	139993	52.504	nq	92
52) Acenaphthene	14.75	154	423881	43.560	nq	98
53) 3-Nitroaniline	14.59	138	60524	21.965	nq	# 98
54) 2,4-Dinitrophenol	14.79	184	181066	109.251	nq	90
55) Dibenzofuran	15.08	168	689507	47.900	nq	97
56) 4-Nitrophenol	14.90	139	120326	57.311	nq	93
57) 2,4-Dinitrotoluene	15.04	165	200219	51.278	nq	94
58) Fluorene	15.73	166	592980	48.250	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	195670	48.510	nq	99
60) Diethylphthalate	15.49	149	607315	47.662	nq	100
61) 4-Chlorophenyl-phenylether	15.72	204	343146	46.556	nq	97
62) 4-Nitroaniline	15.75	138	129063	42.946	nq	96
63) Azobenzene	16.01	77	522022	44.999	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	134539	57.302	nq	91
66) n-Nitrosodiphenylamine	15.93	169	533503	48.707	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	249550	47.920	nq	96
68) Hexachlorobenzene	16.73	284	273403	47.152	nq	99
69) Atrazine	16.88	200	149596	32.433	nq	94
70) Pentachlorophenol	17.08	266	334174	99.879	nq	99
71) Phenanthrene	17.47	178	956821	47.235	nq	98
72) Anthracene	17.55	178	985248	48.721	nq	99
73) Carbazole	17.82	167	885303	47.209	nq	99
74) Di-n-butylphthalate	18.38	149	1037429	46.367	nq	99
75) Fluoranthene	19.47	202	1228771	45.862	nq	99
77) Benzidine	19.70	184	28683	2.726	nq	95
78) Pyrene	19.83	202	1239198	49.414	nq	98
80) Butylbenzylphthalate	20.72	149	466717	49.030	nq	96
81) Benzo(a)anthracene	21.67	228	1260413	48.144	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	237192	23.100	nq	99
83) Chrysene	21.74	228	1212759	47.736	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	670501	49.502	nq	98
85) Di-n-octyl phthalate	22.79	149	1118723	50.510	nq	96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1609033	50.874	nq	98
88) Benzo(b)fluoranthene	23.89	252	1353564	47.955	nq	99
89) Benzo(k)fluoranthene	23.96	252	1323651	47.404	nq	100
90) Benzo(a)pyrene	24.76	252	1312912	49.302	nq	100
91) Dibenzo(a,h)anthracene	28.64	278	1364489	49.969	nq	99
92) Benzo(g,h,i)perylene	29.73	276	1348763	50.977	nq	98

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

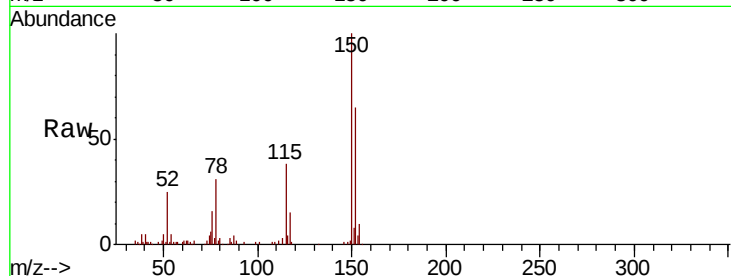


#1

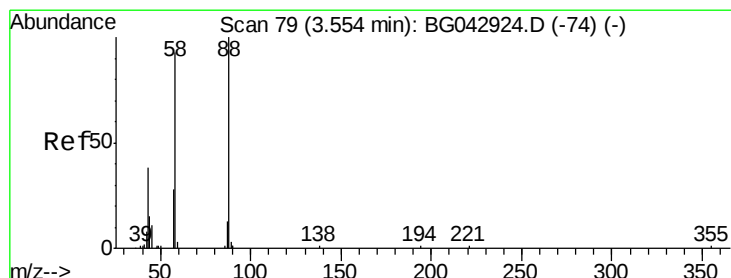
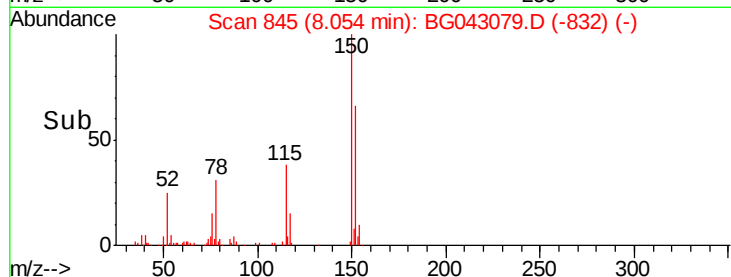
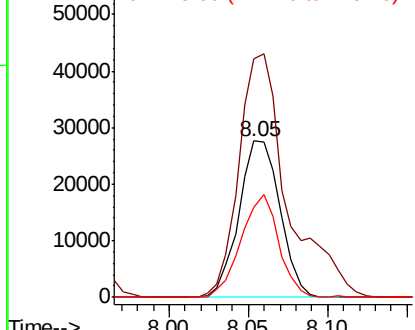
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
PB123704BSD

Tot Ion:152 Resp: 49811
Ion Ratio Lower Upper
152 100
150 152.9 115.0 172.4
115 57.5 47.0 70.6



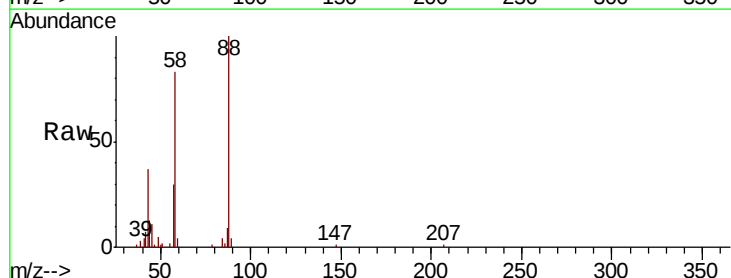
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



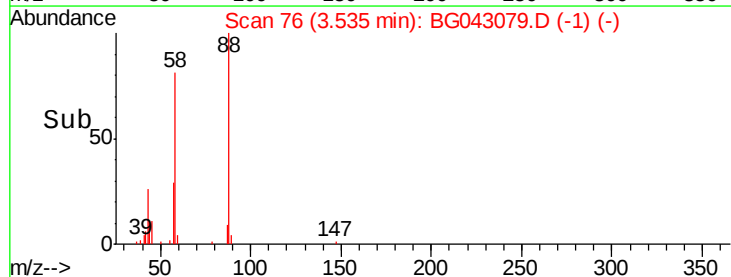
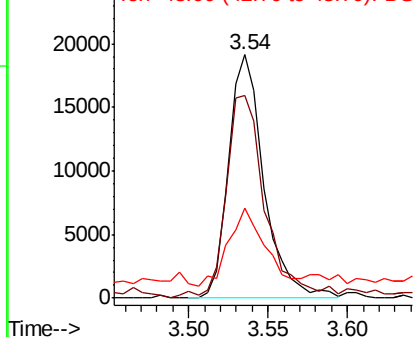
#2

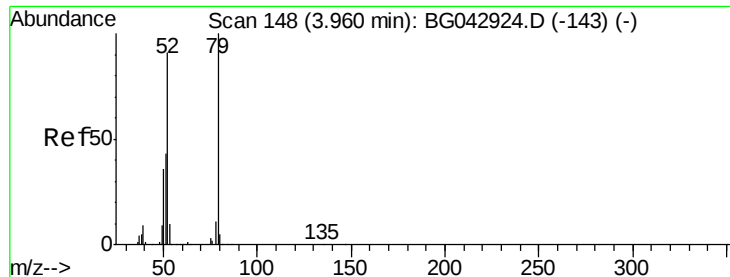
1,4-Dioxane
Concen: 25.315 ng
RT: 3.54 min Scan# 76
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion: 88 Resp: 29459
Ion Ratio Lower Upper
88 100
58 91.2 74.3 111.5
43 32.1 29.8 44.8



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: 13.139 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

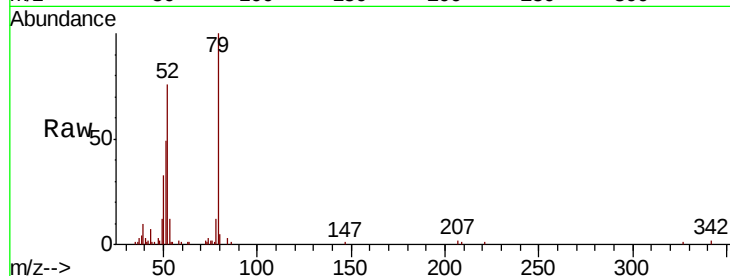
Tot Ion: 79 Resp: 43006

Ion Ratio Lower Upper

79 100

52 76.1 73.0 109.4

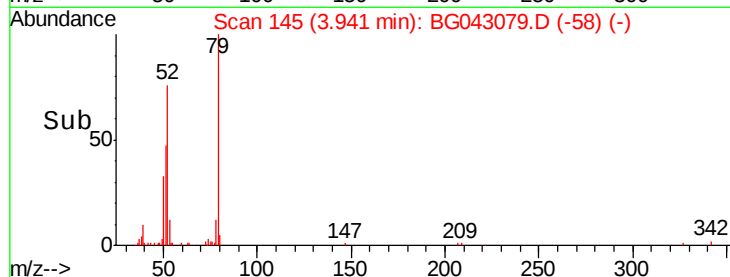
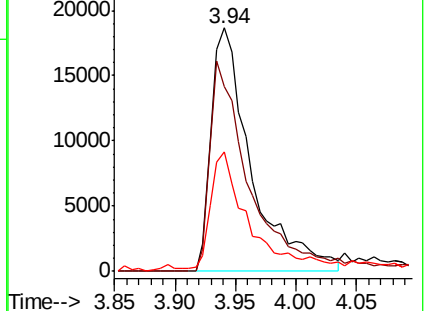
51 49.0 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 29.283 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

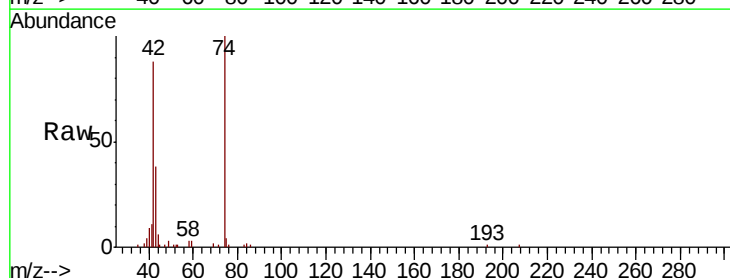
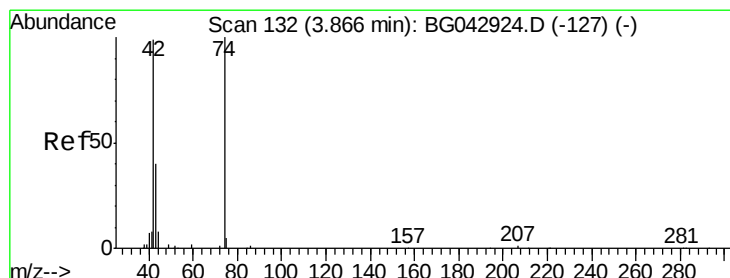
Tgt Ion: 42 Resp: 46091

Ion Ratio Lower Upper

42 100

74 113.2 80.5 120.7

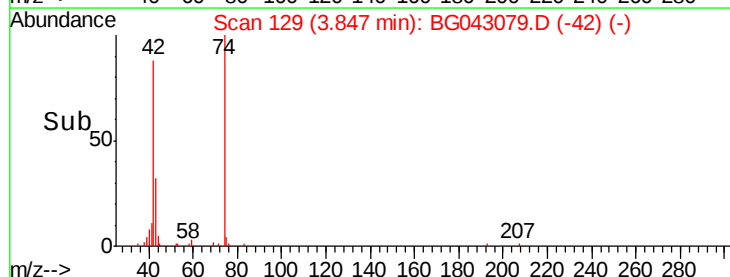
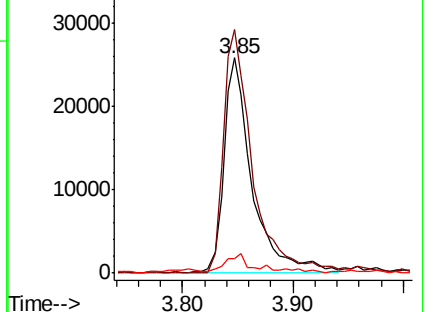
44 6.9 6.9 10.3#

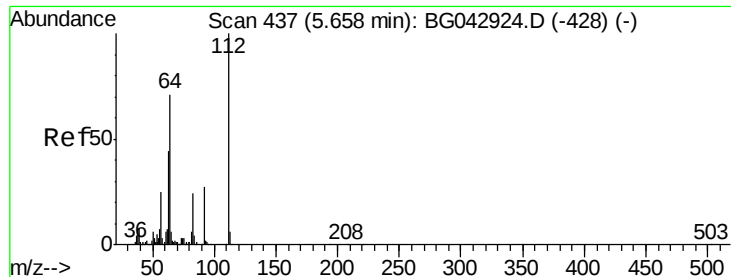


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 103.220 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

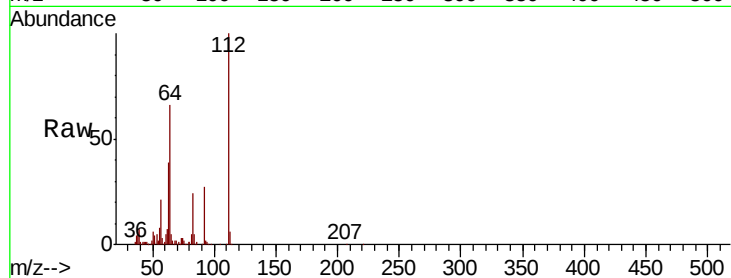
Tot Ion:112 Resp: 288101

Ion Ratio Lower Upper

112 100

64 66.0 56.6 84.8

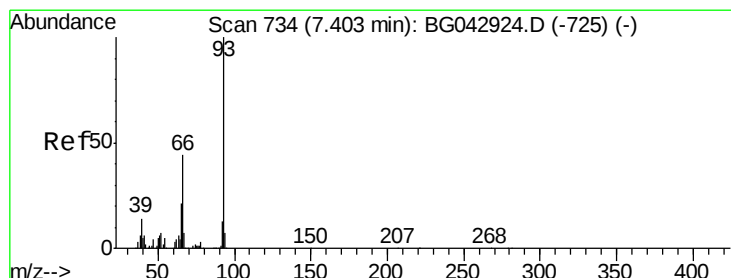
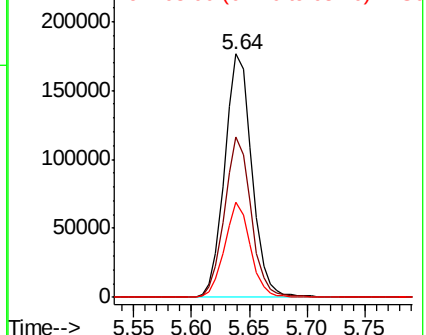
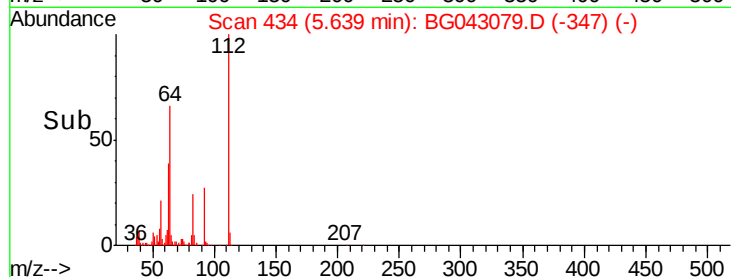
63 39.2 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.762 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

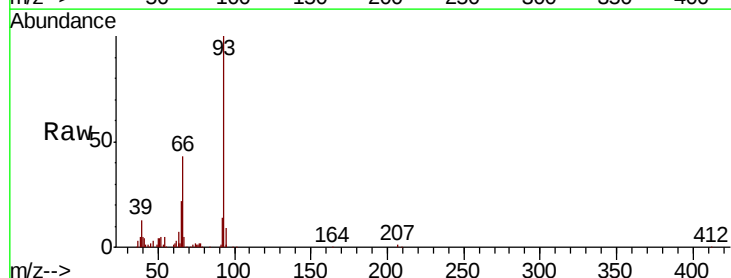
Tgt Ion: 93 Resp: 100733

Ion Ratio Lower Upper

93 100

66 43.4 35.0 52.6

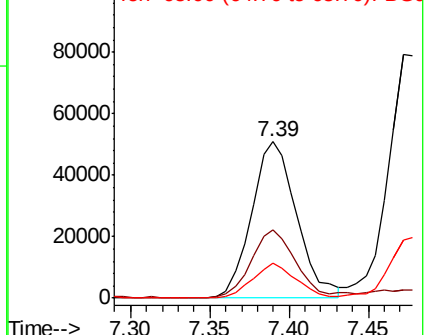
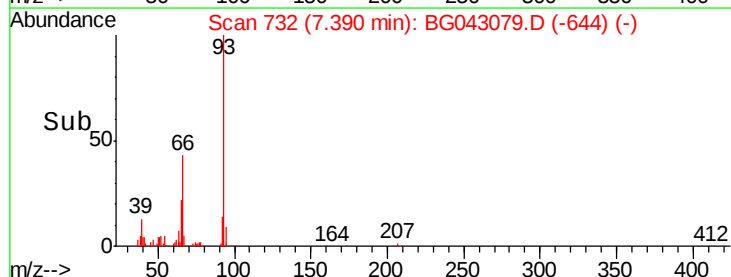
65 22.3 17.4 26.0

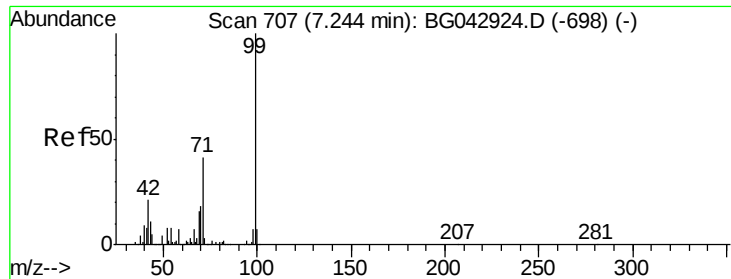


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 73.031 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

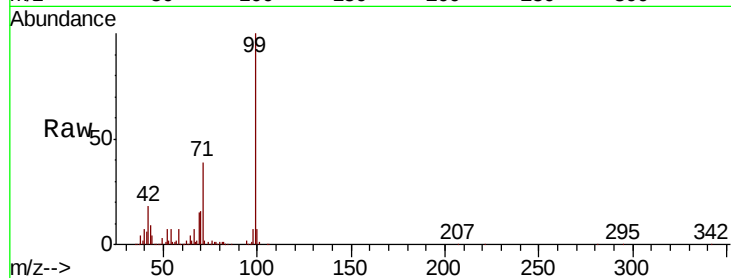
Tot Ion: 99 Resp: 293539

Ion Ratio Lower Upper

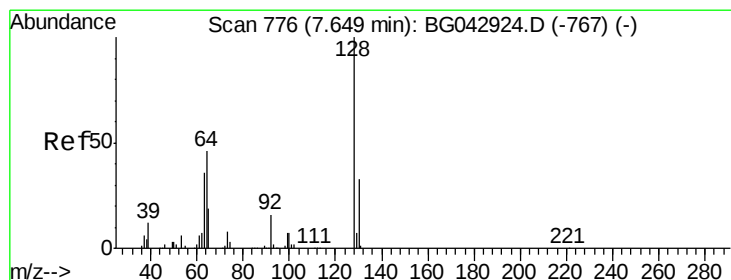
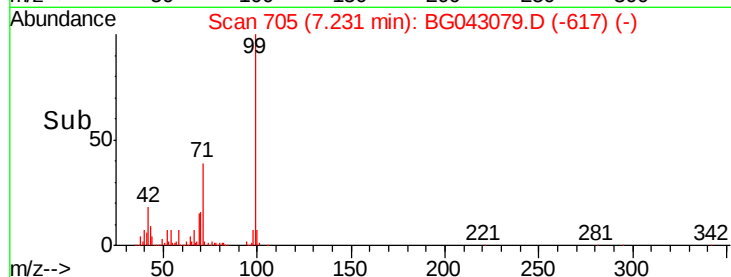
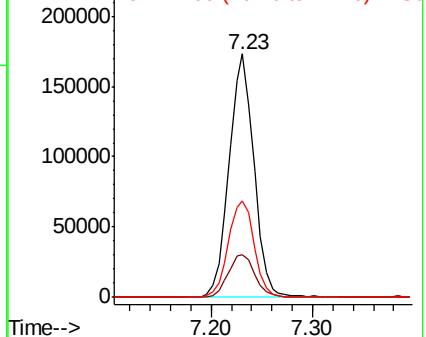
99 100

42 17.5 17.2 25.8

71 39.4 33.1 49.7



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: 52.336 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

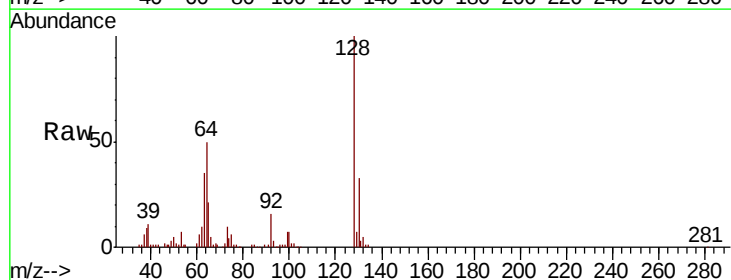
Tgt Ion: 128 Resp: 152339

Ion Ratio Lower Upper

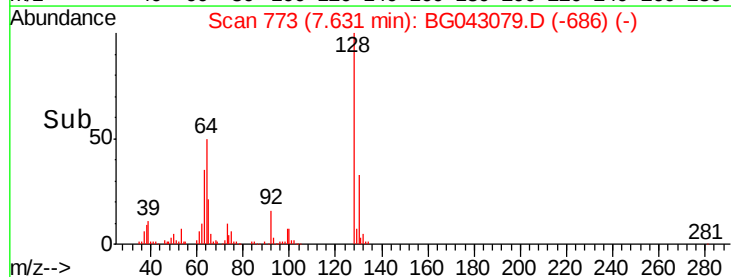
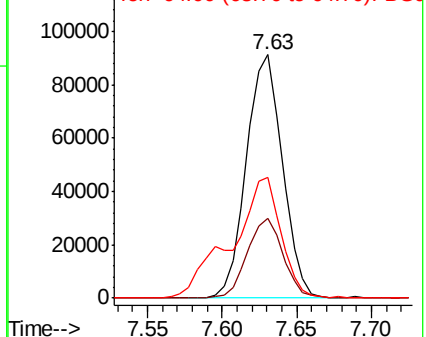
128 100

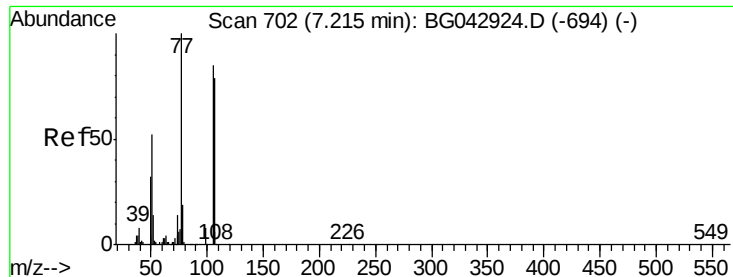
130 32.8 12.5 52.5

64 49.5 32.8 72.8



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: 10.869 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

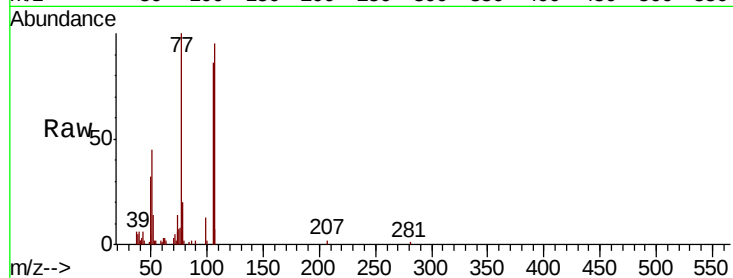
Tot Ion: 77 Resp: 26695

Ion Ratio Lower Upper

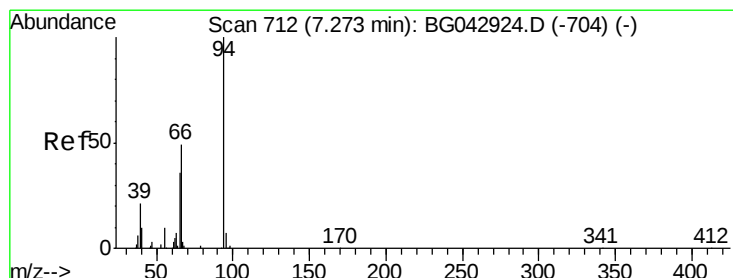
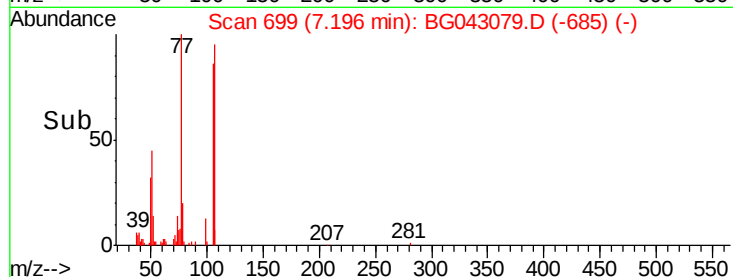
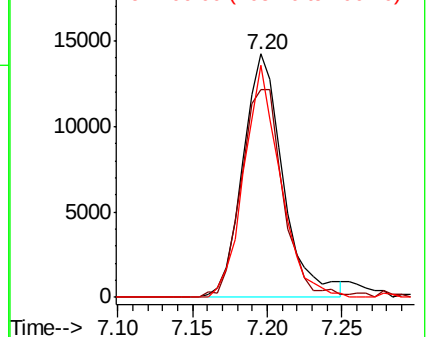
77 100

105 85.5 64.6 104.6

106 95.3 59.4 99.4



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: 29.249 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

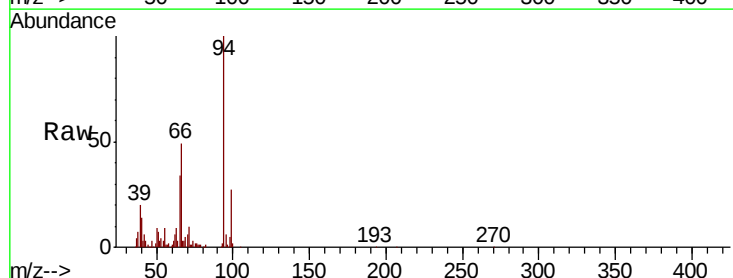
Tgt Ion: 94 Resp: 107860

Ion Ratio Lower Upper

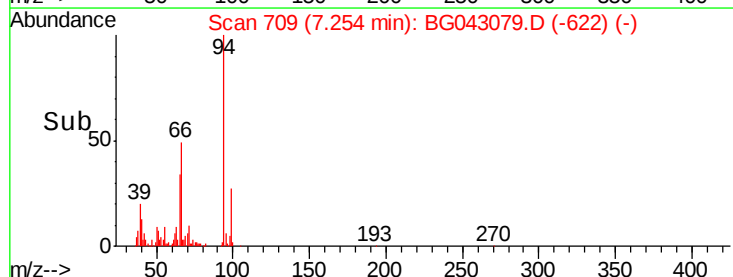
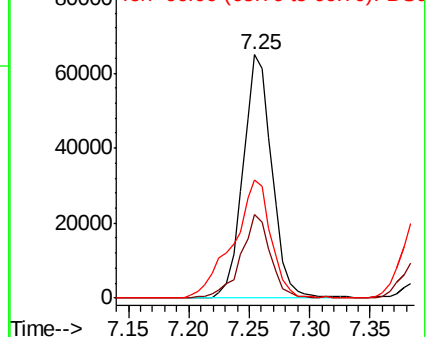
94 100

65 34.2 16.6 56.6

66 48.5 32.4 72.4



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

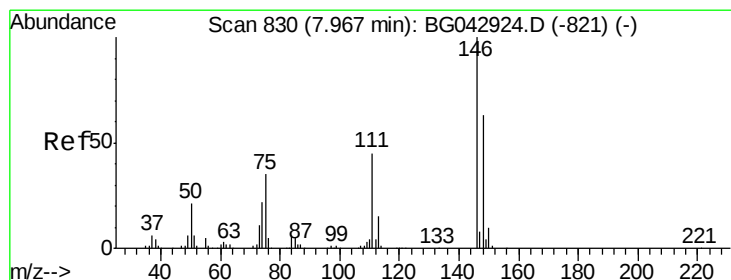
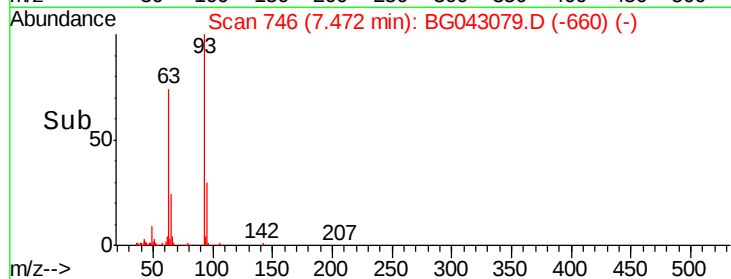
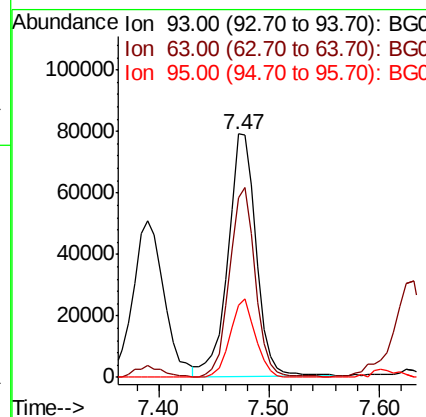
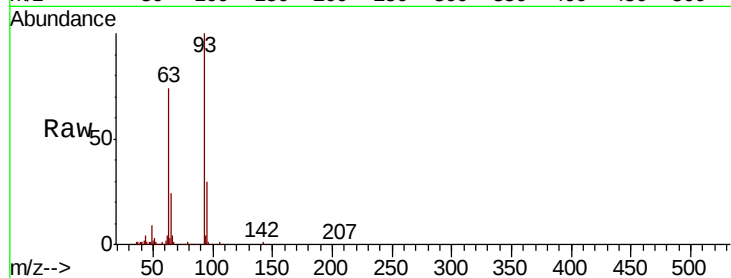




#11
bis(2-Chloroethyl)ether
Concen: 49.252 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

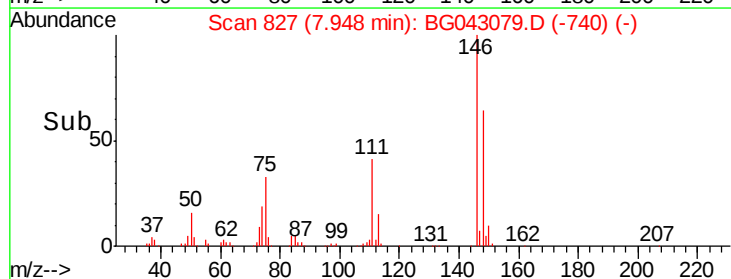
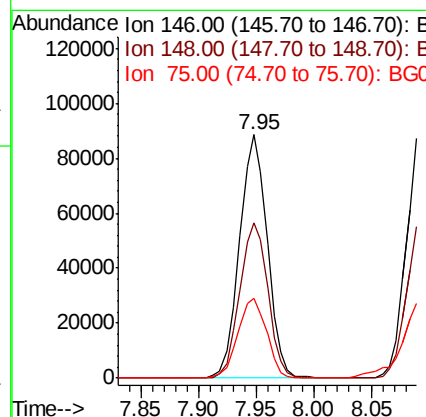
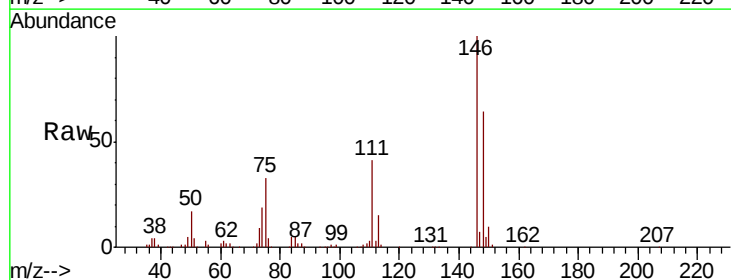
Instrument :
BNA_G
ClientSampleID :
PB123704BSD

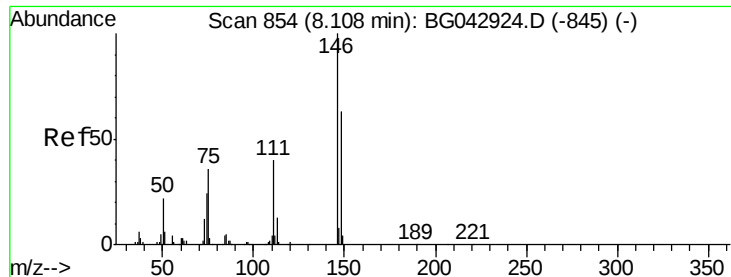
Tot Ion	93	Resp	140527
Ion Ratio	Lower	Upper	
93	100		
63	73.6	67.4	107.4
95	29.8	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 39.675 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion	146	Resp	147321
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.7	76.1
75	32.6	27.7	41.5

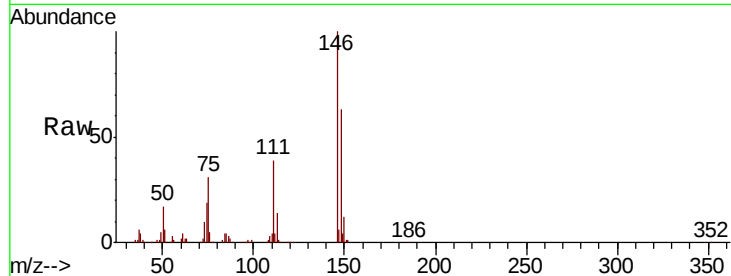




#13
 1,4-Dichlorobenzene
 Concen: 41.302 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.9	76.3
111	39.1	31.8	47.8

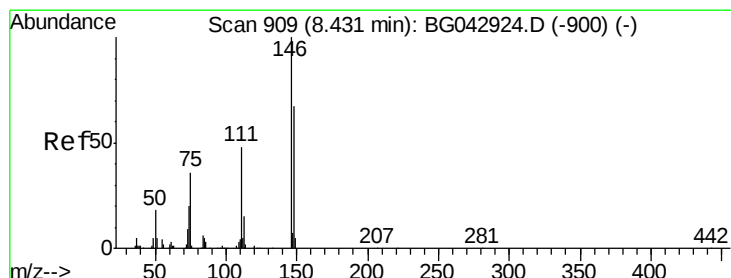
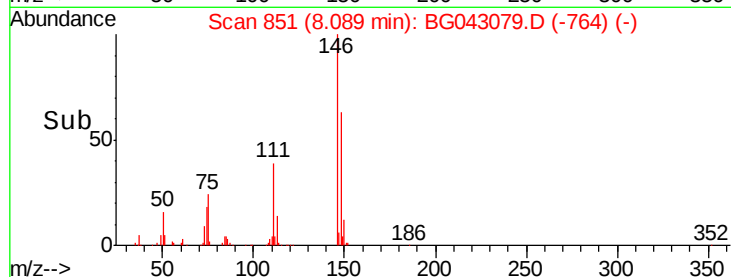
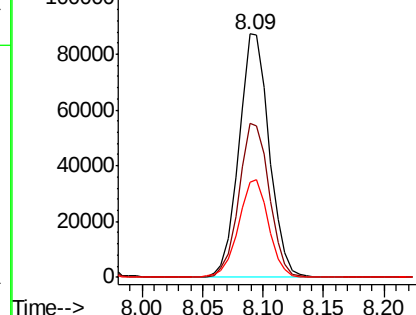


Abundance

Ion 146.00 (145.70 to 146.70): E

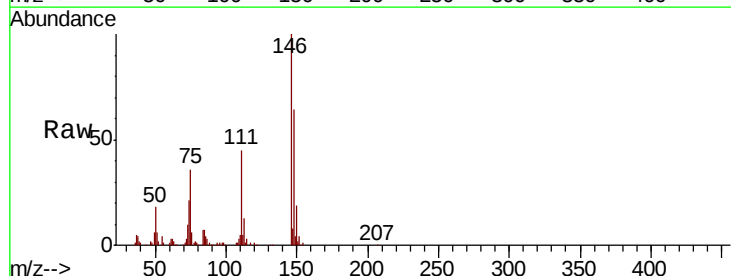
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.267 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.4	80.2
111	44.6	38.5	57.7

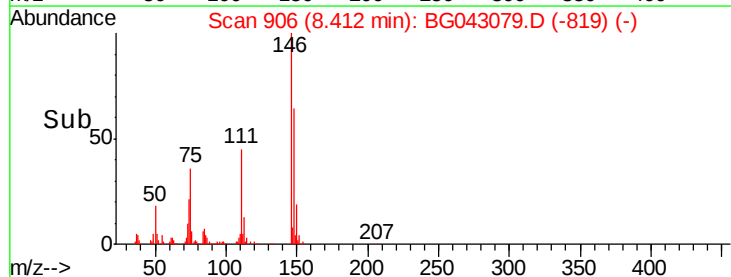
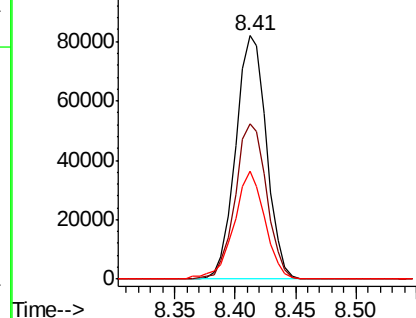


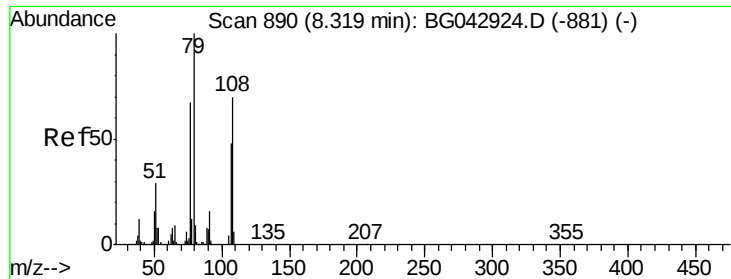
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.736 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

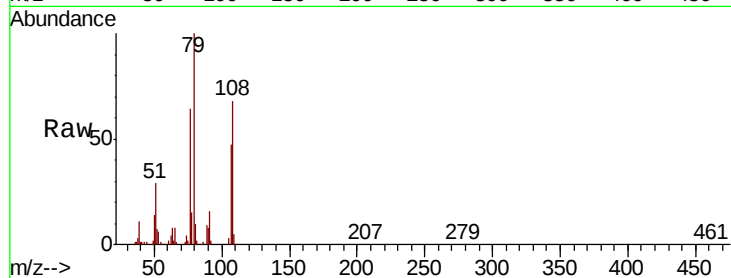
Tot Ion: 79 Resp: 89859

Ion Ratio Lower Upper

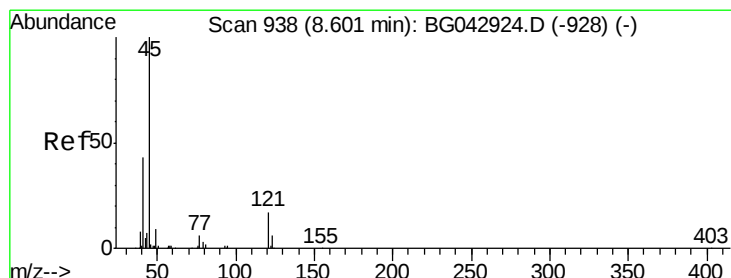
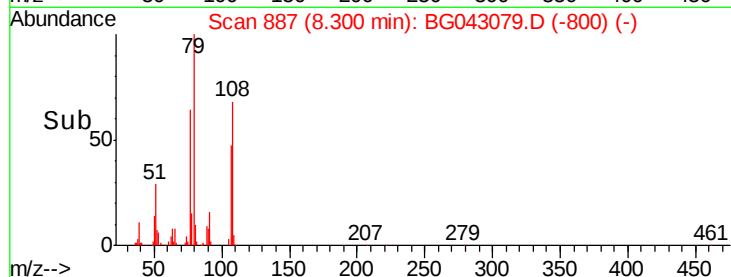
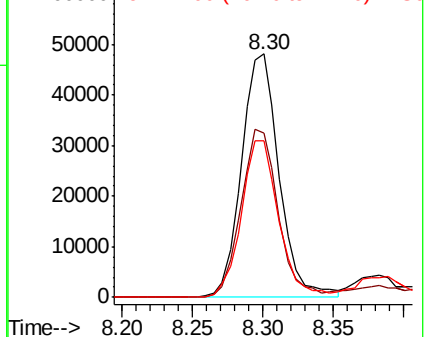
79 100

108 67.5 55.7 83.5

77 64.2 53.3 79.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.479 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

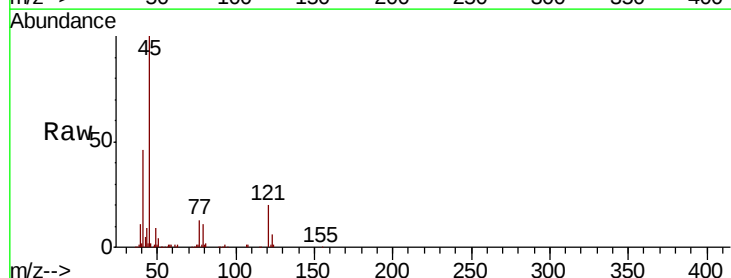
Tgt Ion: 45 Resp: 188929

Ion Ratio Lower Upper

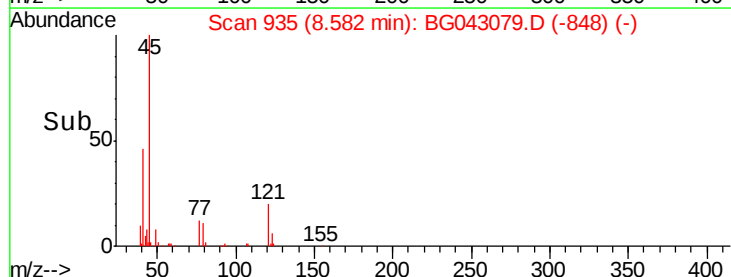
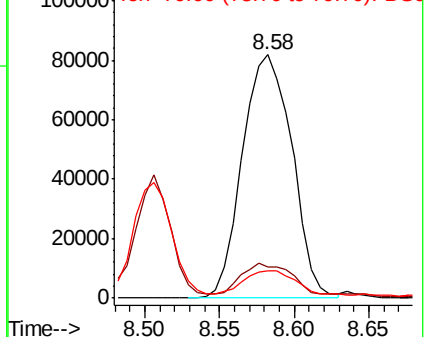
45 100

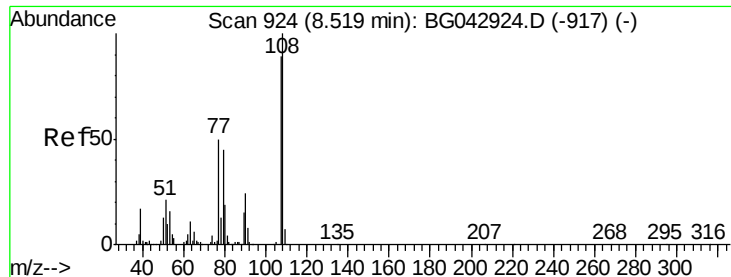
77 12.9 0.0 32.8

79 11.4 0.0 29.4



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





#17

2-Methylphenol

Concen: 49.165 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

Tot Ion:107 Resp: 126860

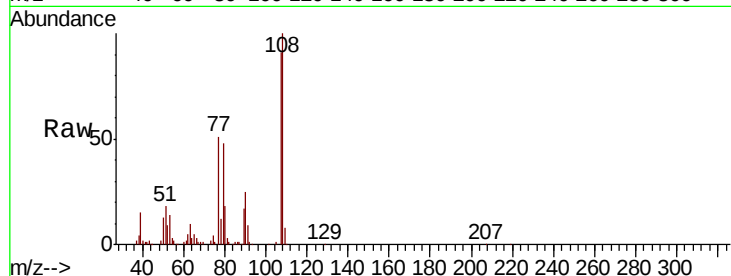
Ion Ratio Lower Upper

107 100

108 110.3 89.9 134.9

77 56.2 45.4 68.2

79 52.8 41.4 62.0

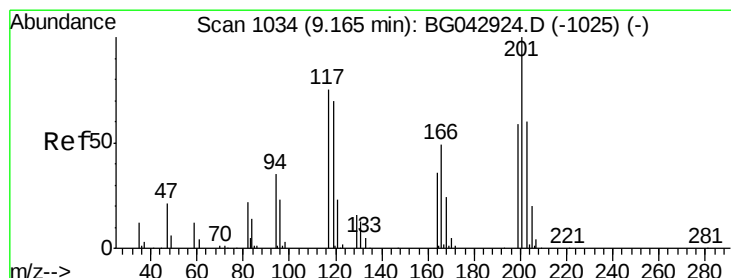
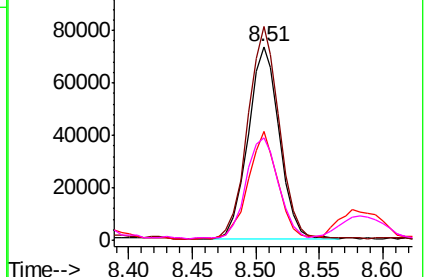
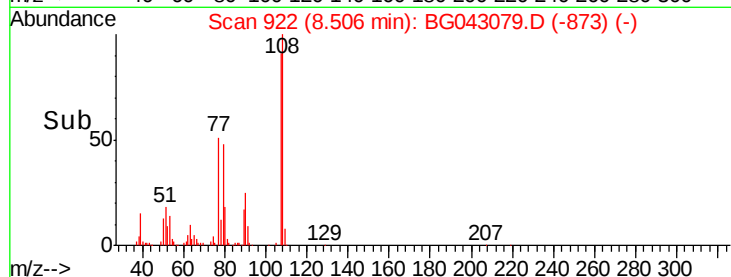


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.065 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

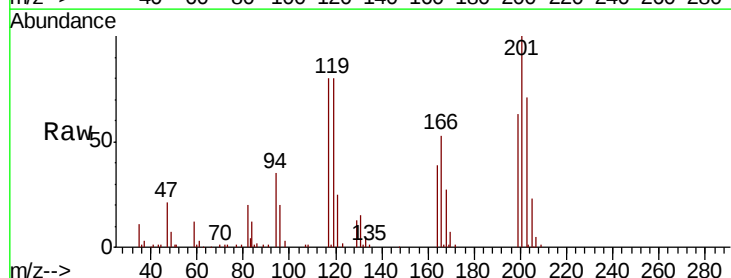
Tgt Ion:117 Resp: 53066

Ion Ratio Lower Upper

117 100

119 100.5 74.6 111.8

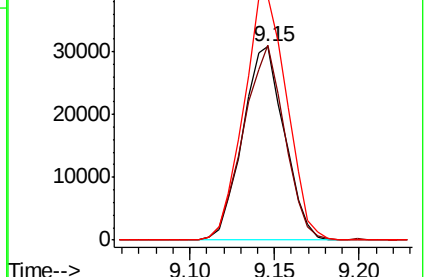
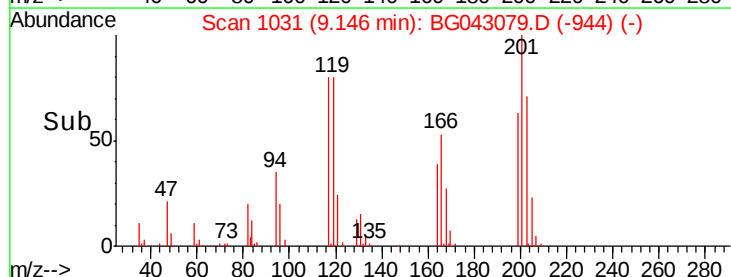
201 125.8 106.0 159.0

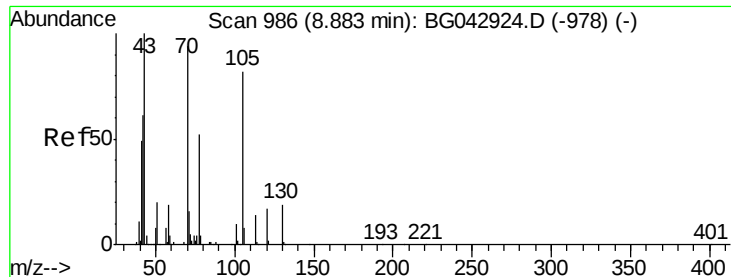


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

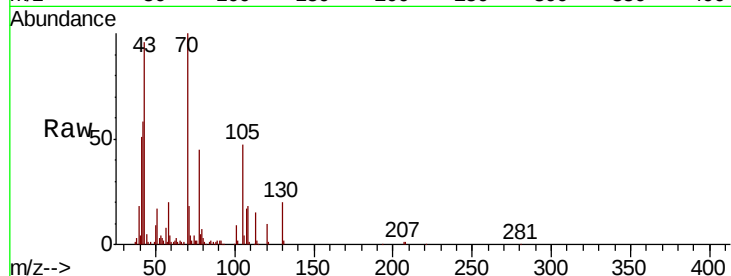




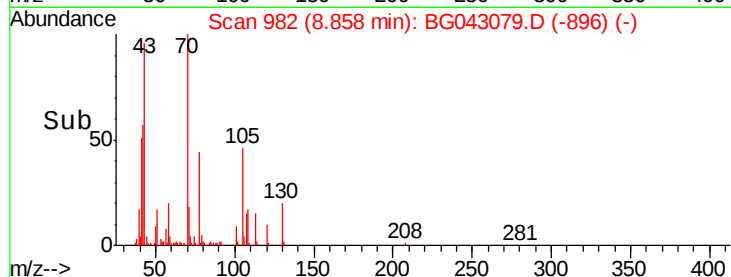
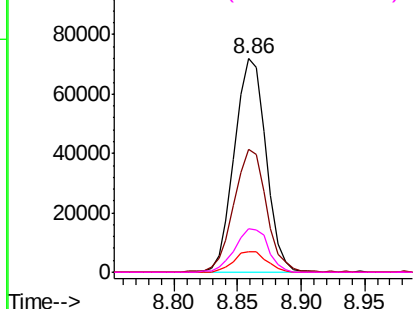
#19
n-Nitroso-di-n-propylamine
Concen: 46.920 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
PB123704BSD

Tot Ion: 70 Resp: 123832
Ion Ratio Lower Upper
70 100
42 57.7 52.6 79.0
101 9.3 8.7 13.1
130 20.5 15.8 23.8



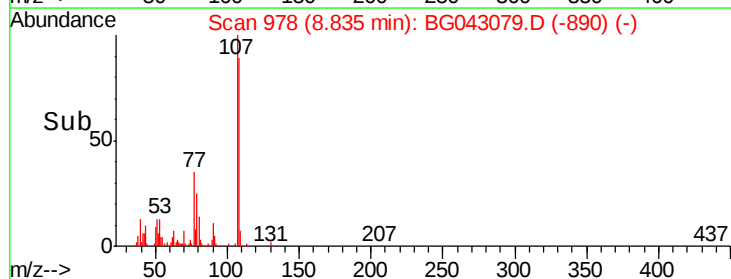
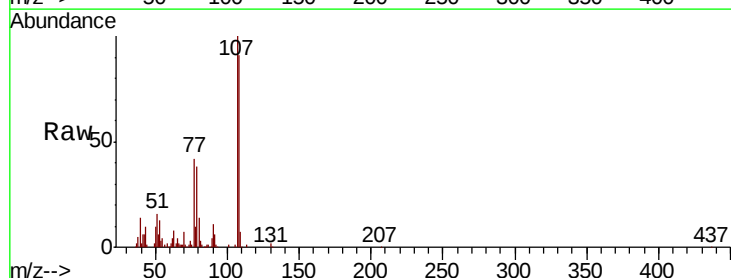
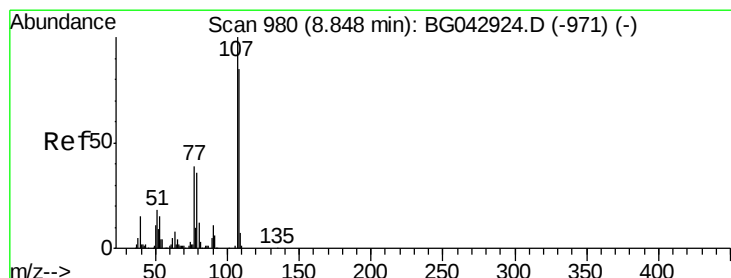
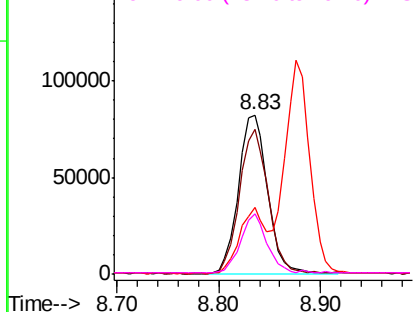
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 46.306 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion: 107 Resp: 163740
Ion Ratio Lower Upper
107 100
108 90.6 64.9 104.9
77 41.7 19.4 59.4
79 38.1 16.2 56.2

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

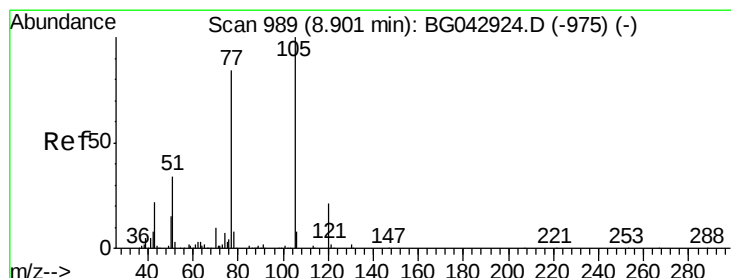
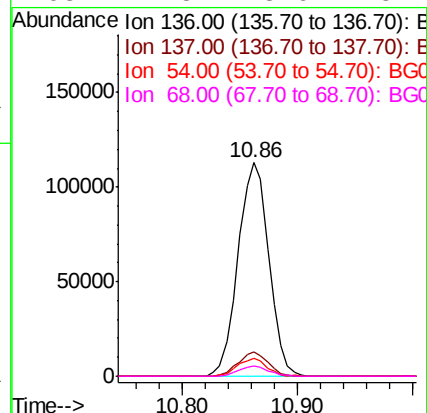
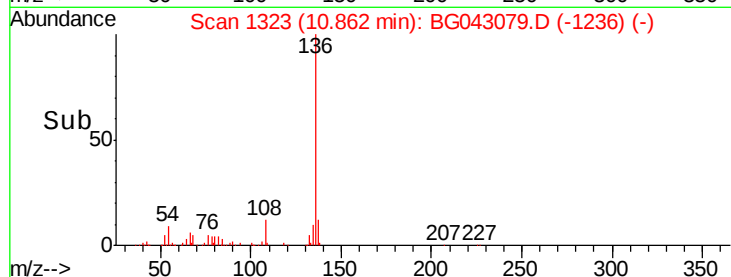
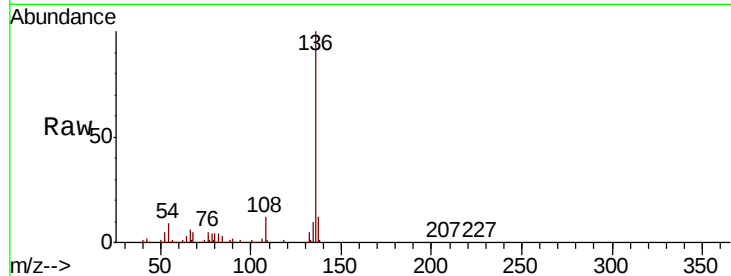




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

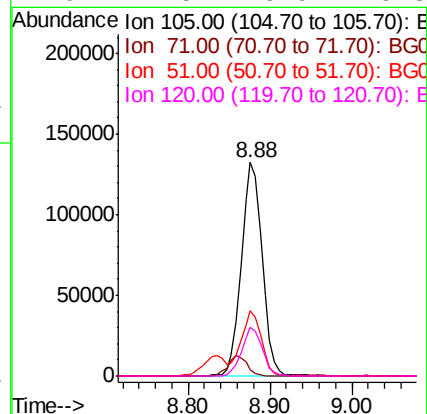
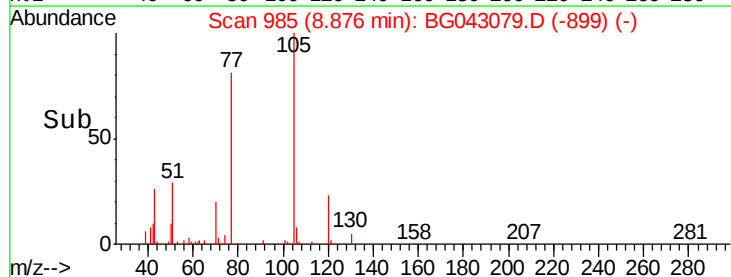
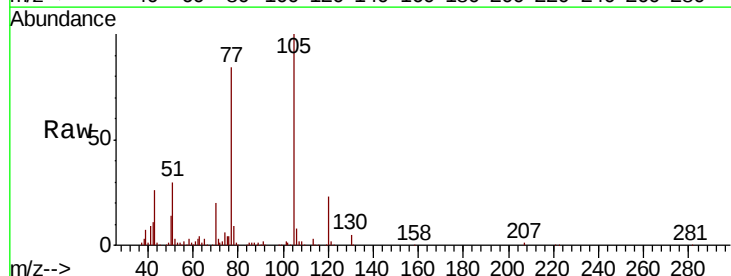
Instrument :
BNA_G
ClientSampleId :
PB123704BSD

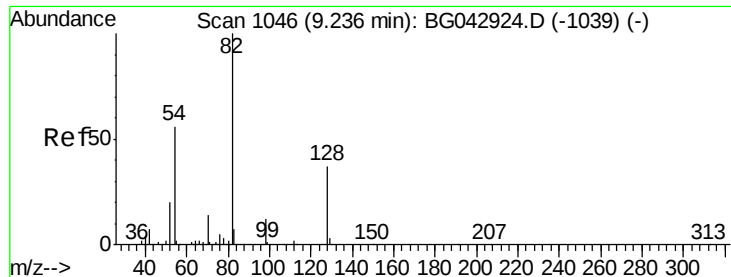
Tot Ion:136	Resp:	207760
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.5 12.7
54	8.5	7.4 11.2
68	4.8	3.6 5.4



#22
Acetophenone
Concen: 44.001 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion:105	Resp:	235641
Ion Ratio	Lower	Upper
105	100	
71	3.2	1.2 1.8#
51	30.5	27.2 40.8
120	22.5	16.9 25.3

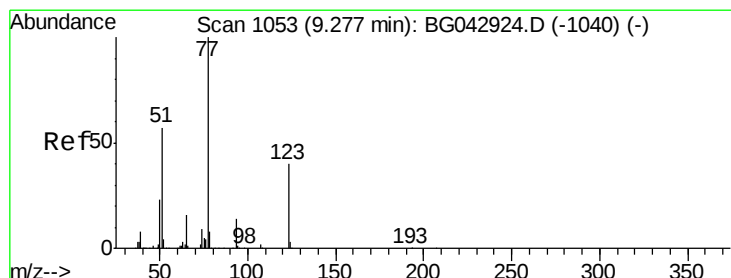
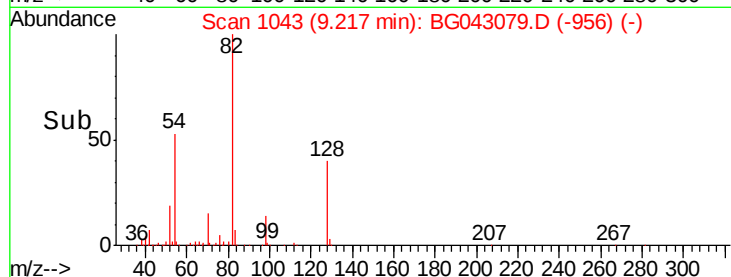
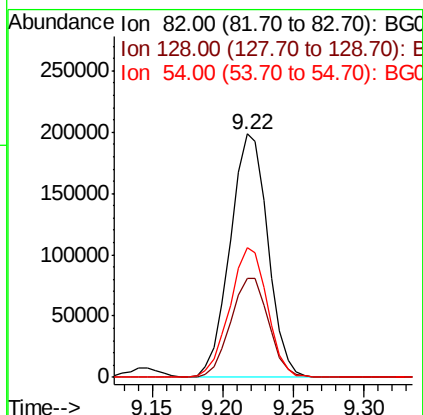
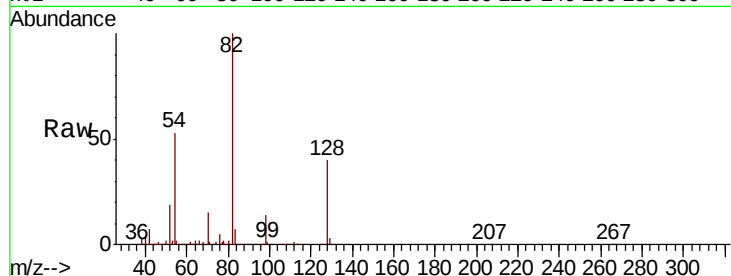




#23
 Nitrobenzene-d5
 Concen: 86.143 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

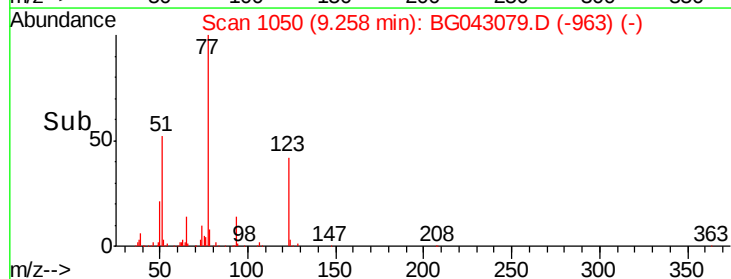
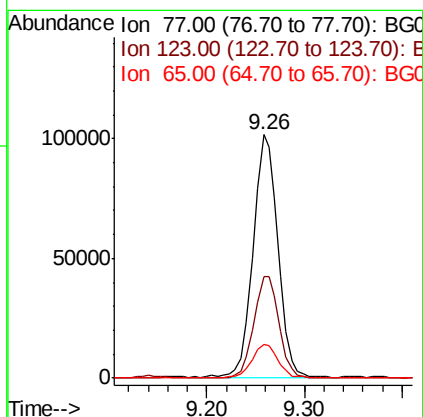
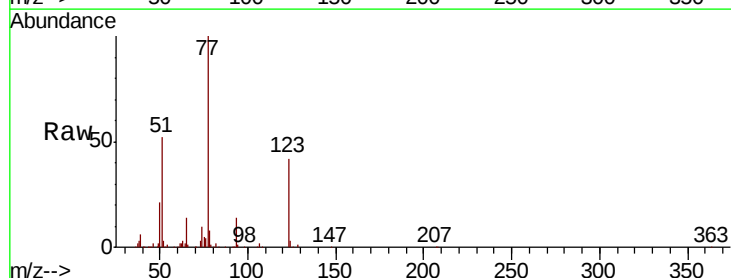
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BSD

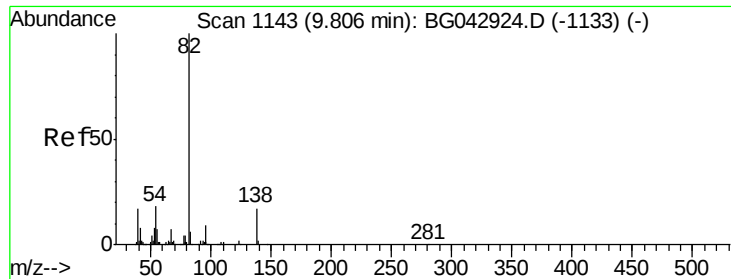
Tot Ion	82	Resp	368214
Ion Ratio	Lower	Upper	
82	100		
128	40.4	29.5	44.3
54	53.1	44.6	67.0



#24
 Nitrobenzene
 Concen: 44.576 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

Tgt Ion	77	Resp	181743
Ion Ratio	Lower	Upper	
77	100		
123	41.5	31.9	47.9
65	14.0	12.4	18.6





#25

Isophorone

Concen: 47.897 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

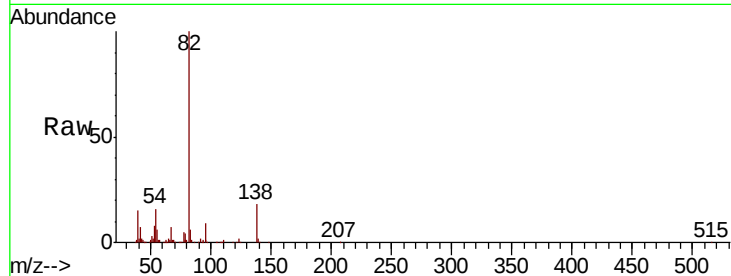
Tot Ion: 82 Resp: 359619

Ion Ratio Lower Upper

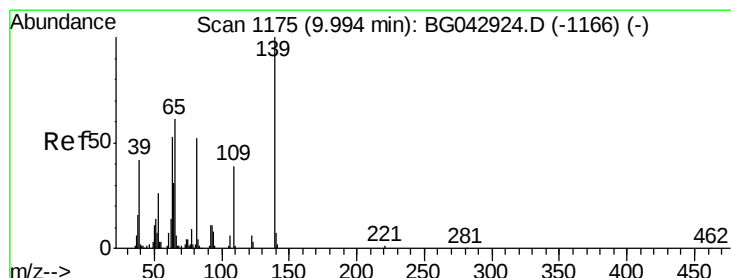
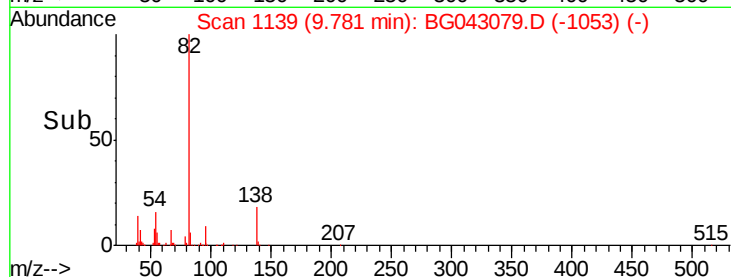
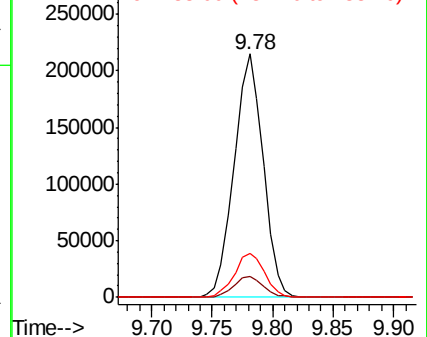
82 100

95 8.7 7.0 10.4

138 18.0 13.8 20.6



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: 53.130 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

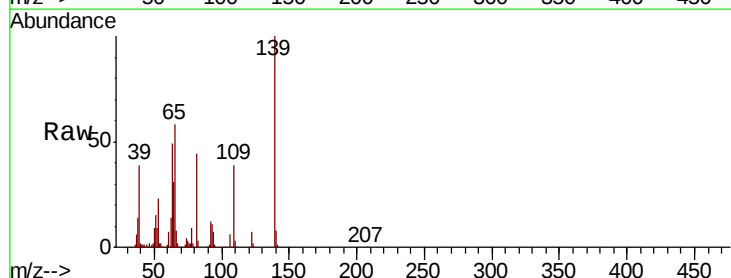
Tgt Ion: 139 Resp: 92214

Ion Ratio Lower Upper

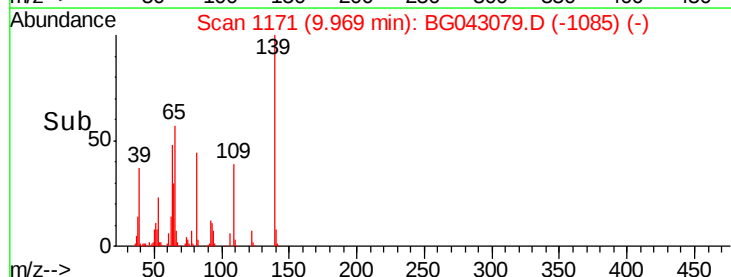
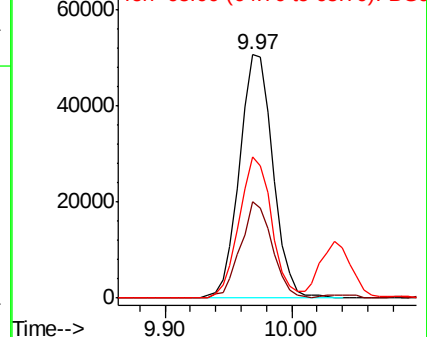
139 100

109 39.4 31.0 46.6

65 58.2 48.4 72.6



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

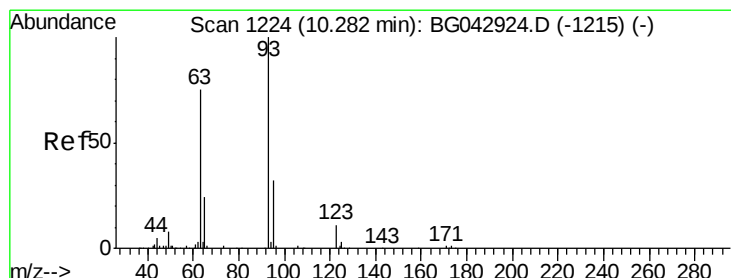
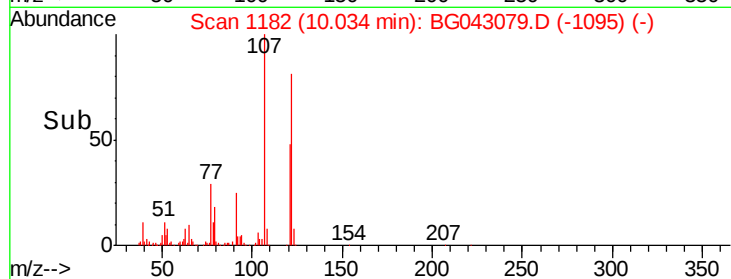
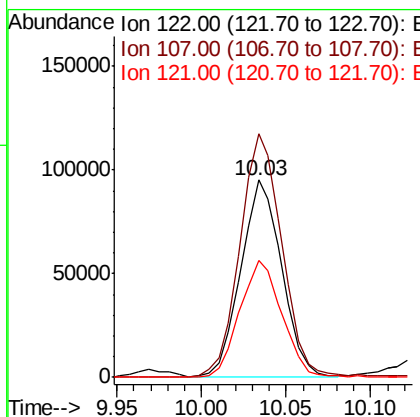
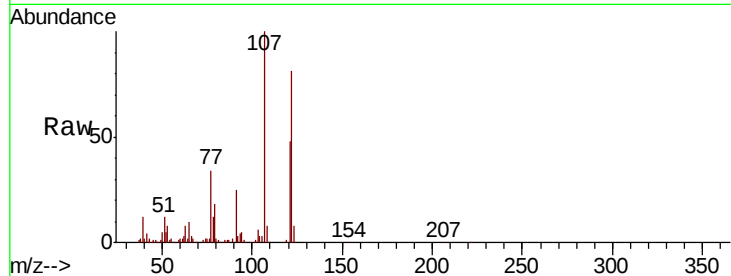




#27
2,4-Dimethylphenol
Concen: 59.779 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

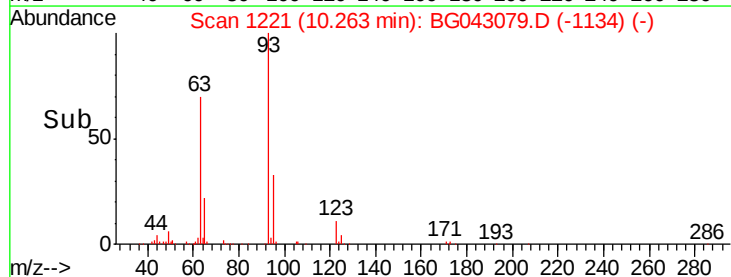
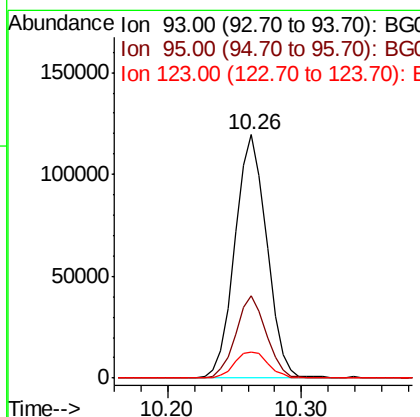
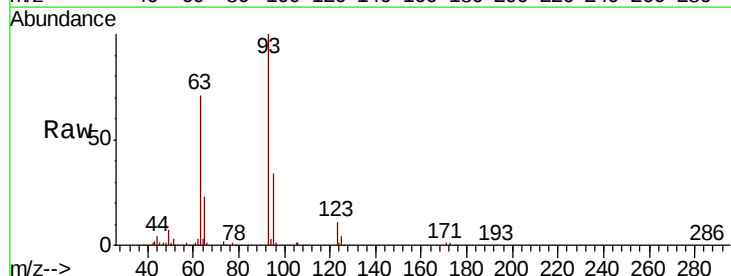
Instrument :
BNA_G
ClientSampleId :
PB123704BSD

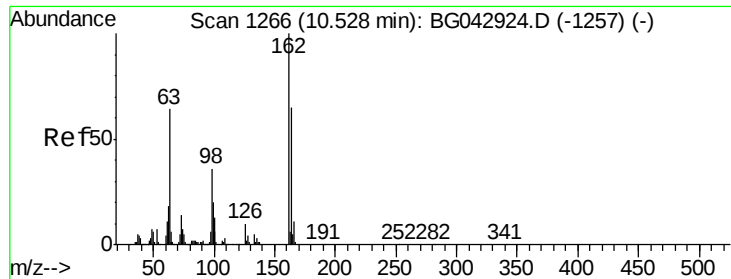
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.5	102.2	153.2
121	59.4	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 46.533 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.4	38.0
123	10.9	9.3	13.9

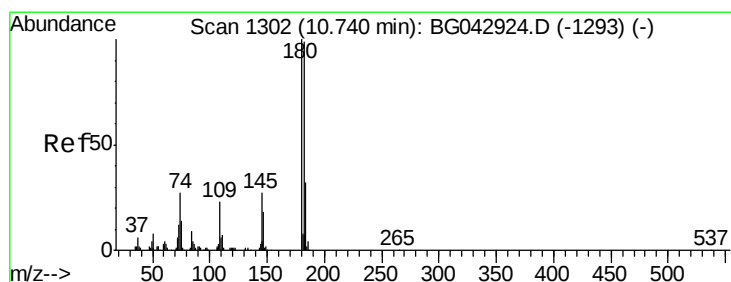
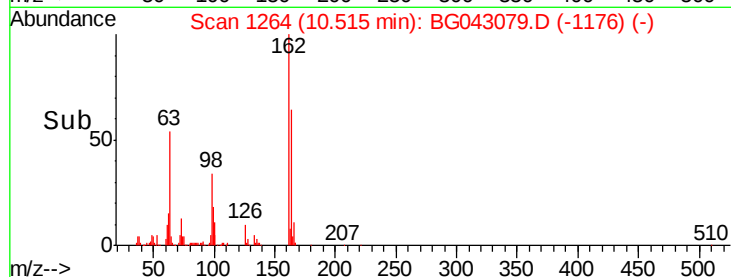
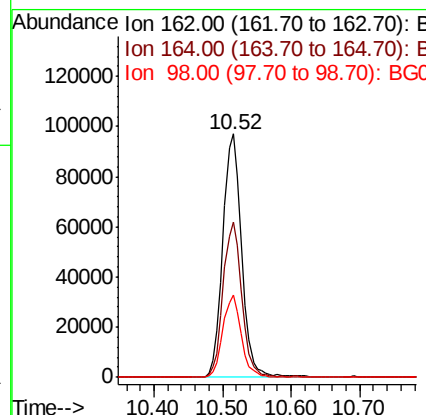
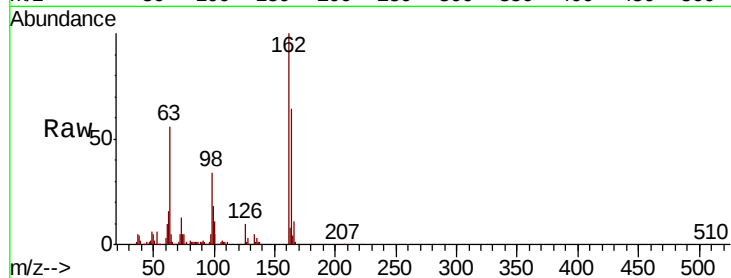




#29
 2,4-Dichlorophenol
 Concen: 55.756 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

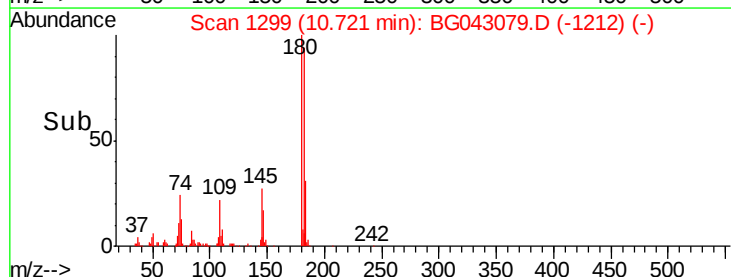
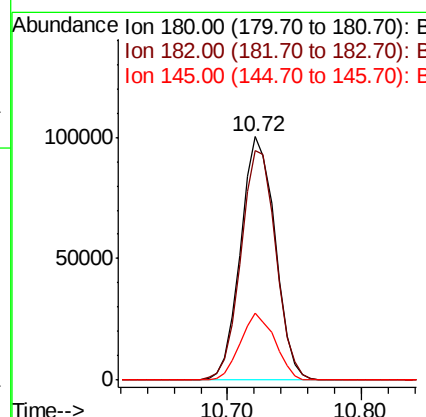
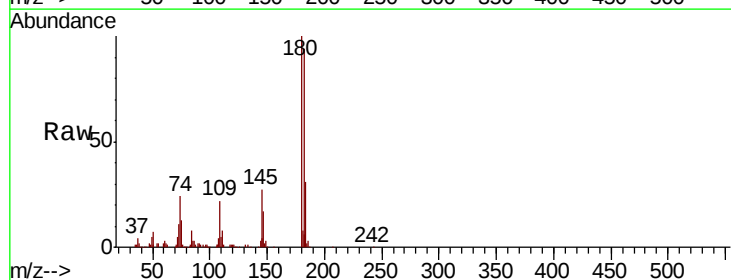
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BSD

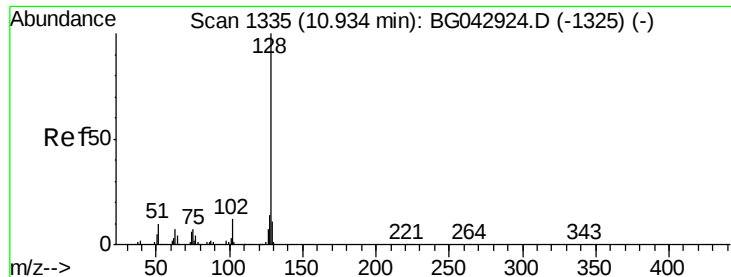
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.7	84.7
98	34.1	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.825 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	79.3	118.9
145	27.3	22.0	33.0

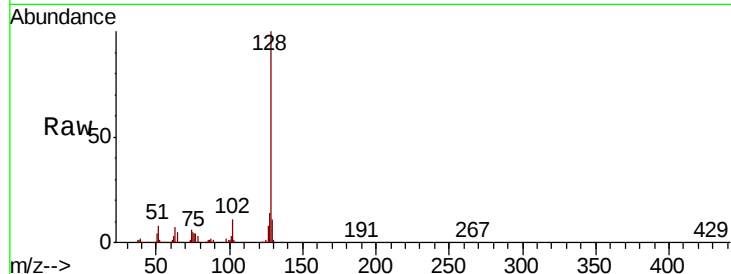




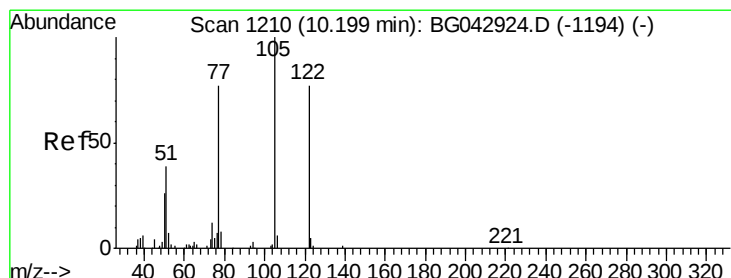
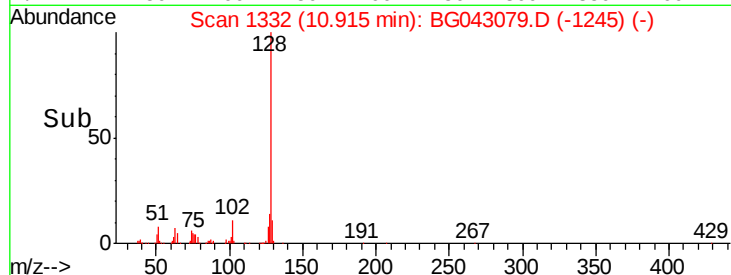
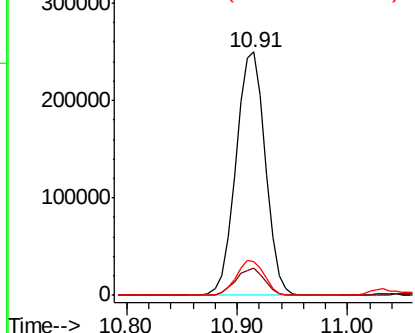
#31
Naphthalene
Concen: 45.618 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
PB123704BSD

Tot Ion:128 Resp: 466547
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.9 11.3 16.9

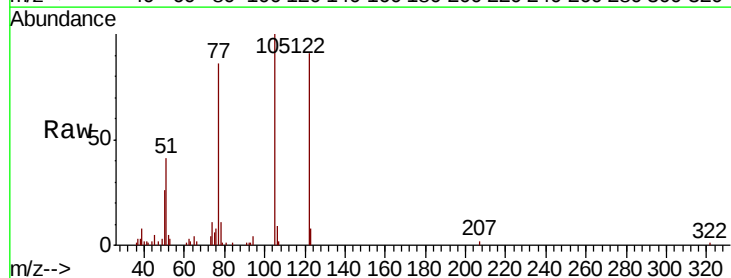


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

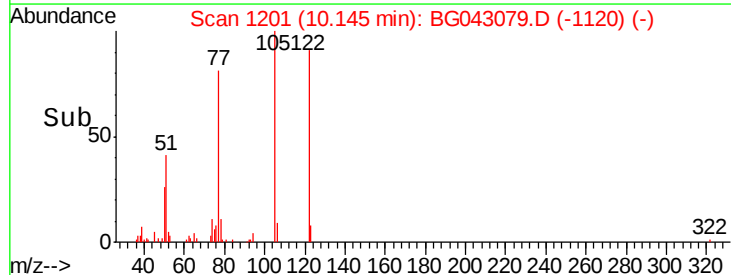
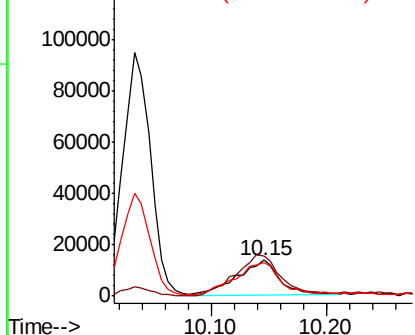


#32
Benzoic acid
Concen: 19.548 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.05 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion:122 Resp: 33641
Ion Ratio Lower Upper
122 100
105 110.1 107.5 147.5
77 94.2 79.8 119.8



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

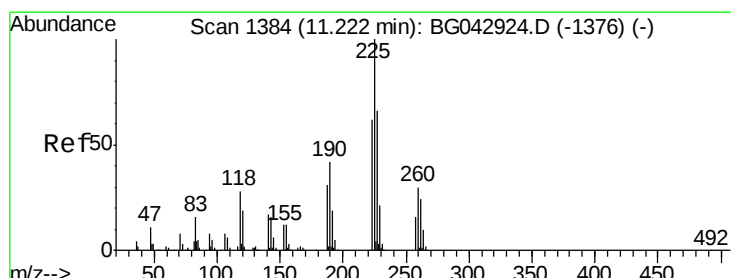
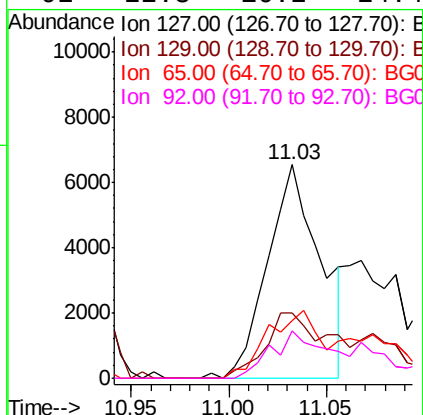
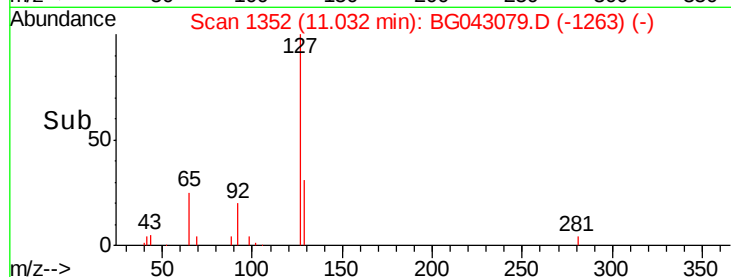
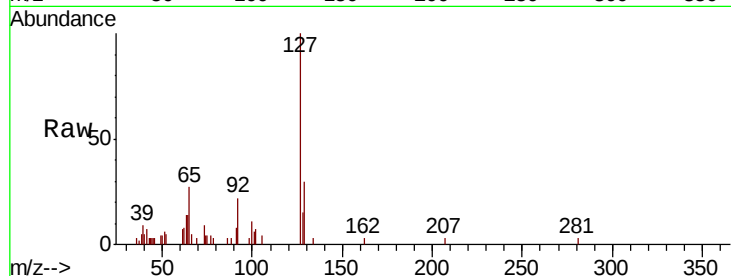




#33
4-Chloroaniline
Concen: 2.773 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

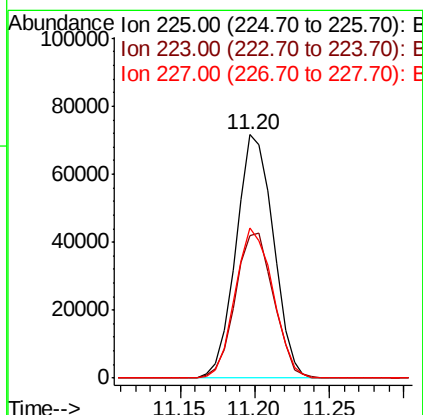
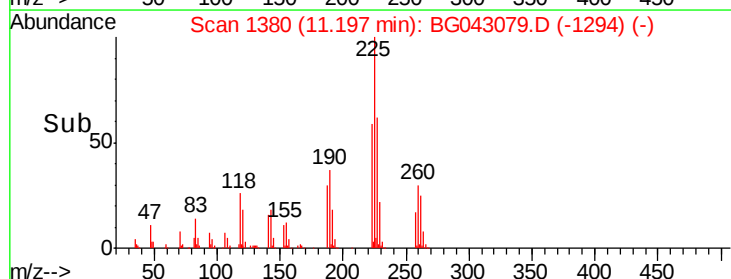
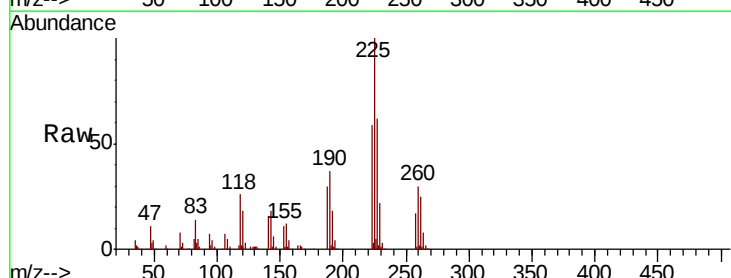
Instrument :
BNA_G
ClientSampleId :
PB123704BSD

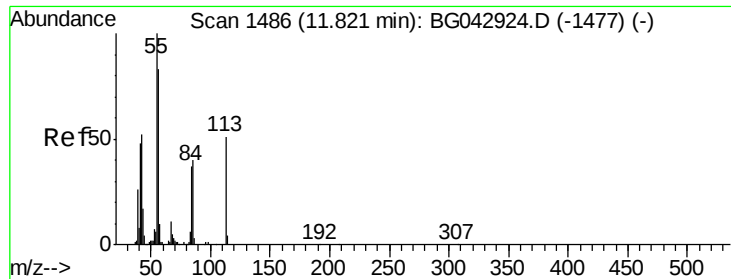
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.2	39.2
65	26.7	30.6	45.8
92	22.3	16.2	24.4



#34
Hexachlorobutadiene
Concen: 38.832 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.5	49.3	73.9
227	61.8	52.8	79.2





#35

Caprolactam

Concen: 10.133 ng

RT: 11.80 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

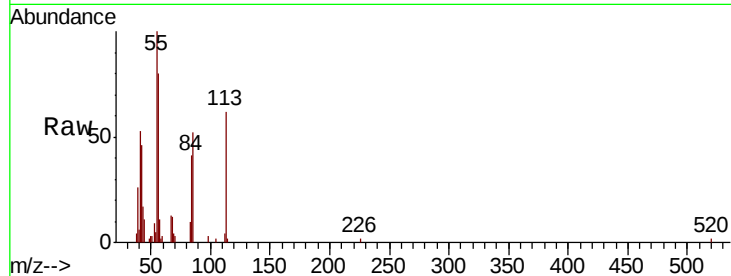
Tot Ion:113 Resp: 11846

Ion Ratio Lower Upper

113 100

55 162.4 175.5 215.5#

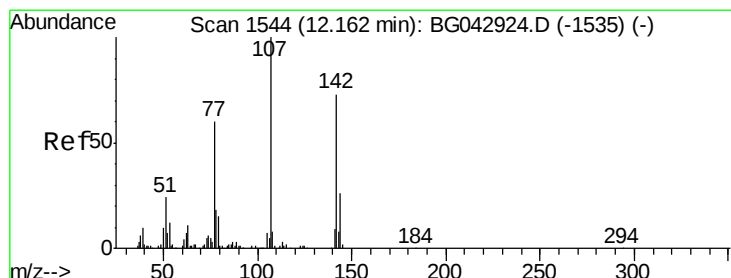
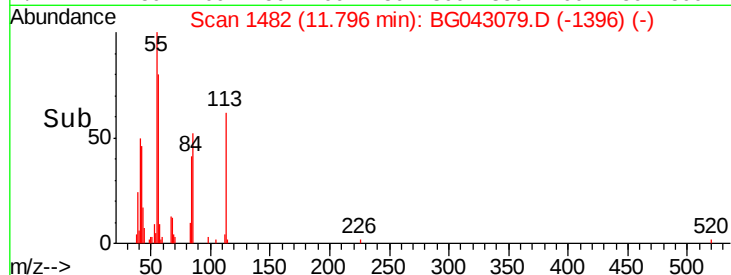
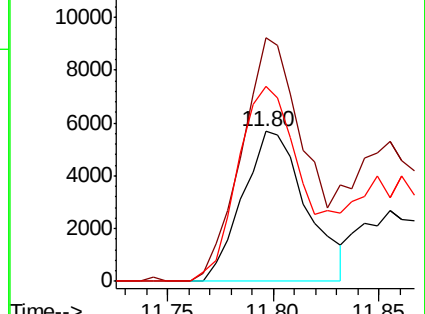
56 130.4 142.3 182.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG042924.D (-1477) (-)

Ion 56.00 (55.70 to 56.70): BG042924.D (-1477) (-)



#36

4-Chloro-3-methylphenol

Concen: 56.637 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

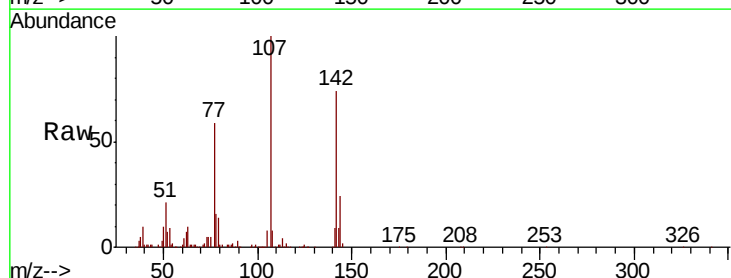
Tgt Ion:107 Resp: 204140

Ion Ratio Lower Upper

107 100

144 23.5 20.7 31.1

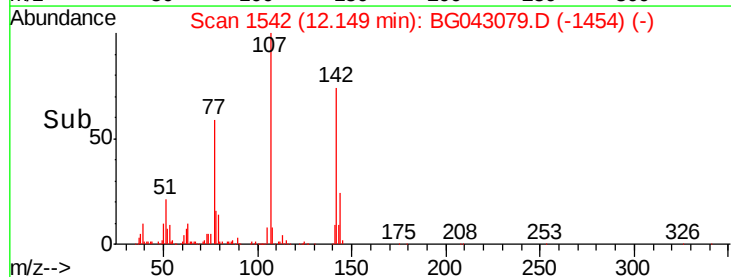
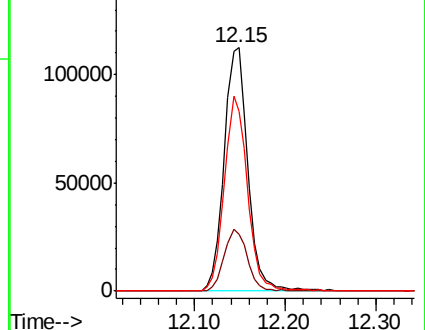
142 73.9 58.6 87.8

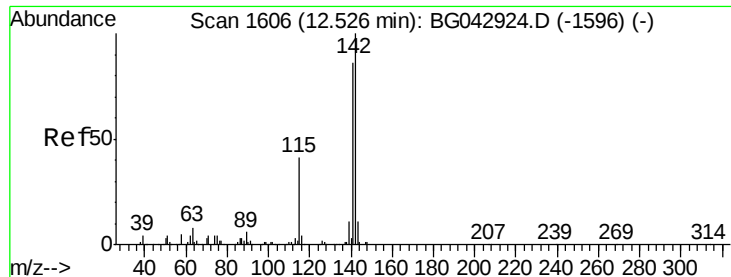


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

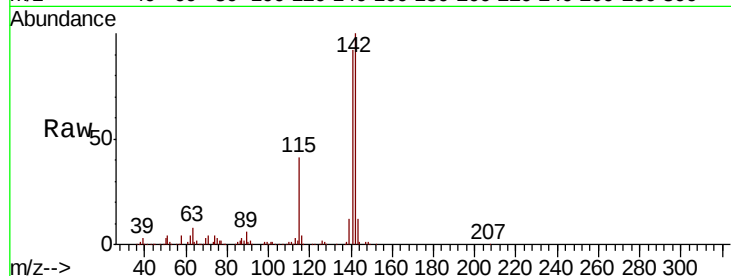




#37
2-Methylnaphthalene
Concen: 47.841 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
PB123704BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	69.0	103.4
115	41.3	32.8	49.2

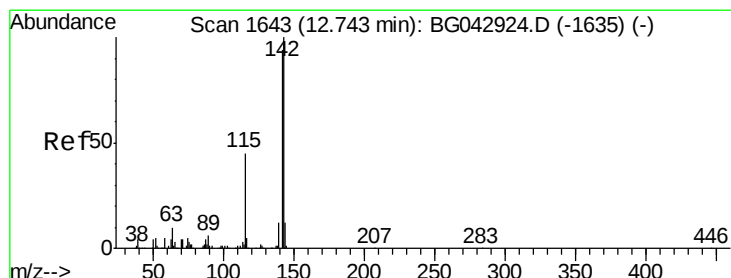
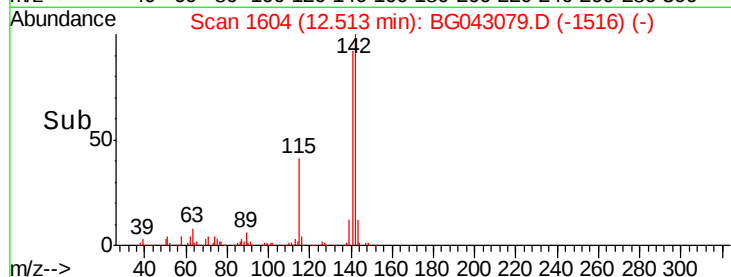
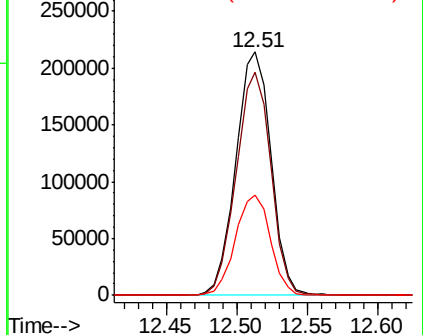


Abundance

Ion 142.00 (141.70 to 142.70): E

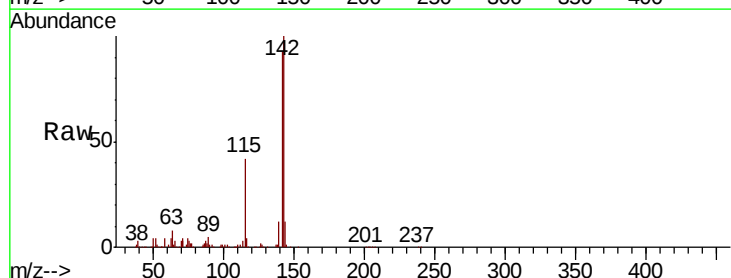
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.491 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.9	112.3
116	4.3	3.7	5.5

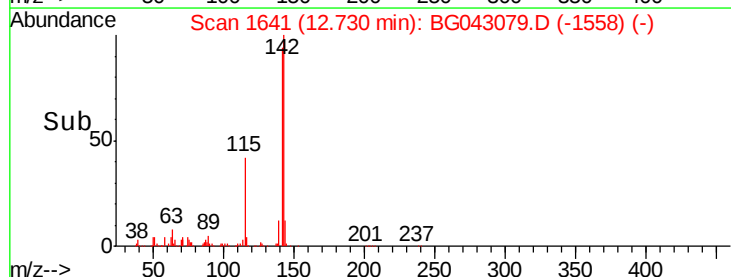
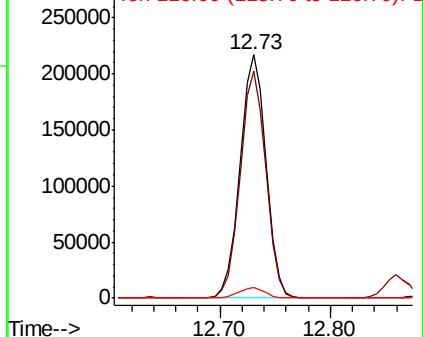


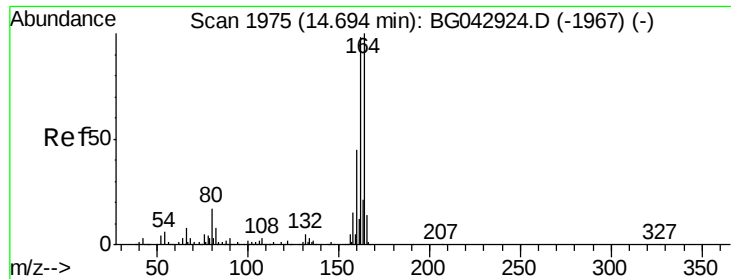
Abundance

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: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

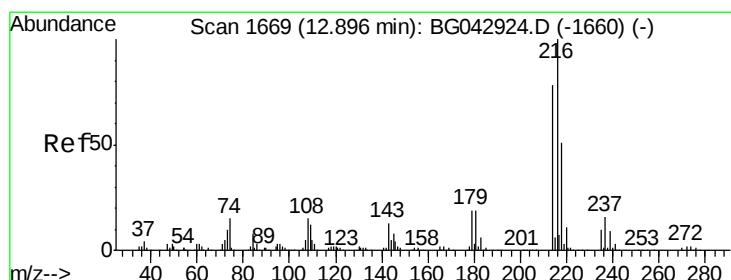
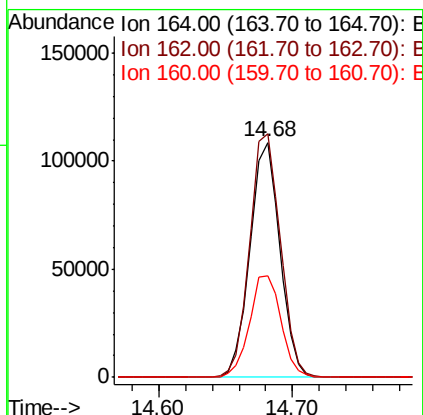
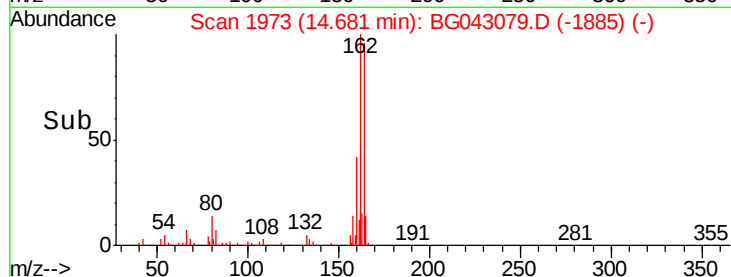
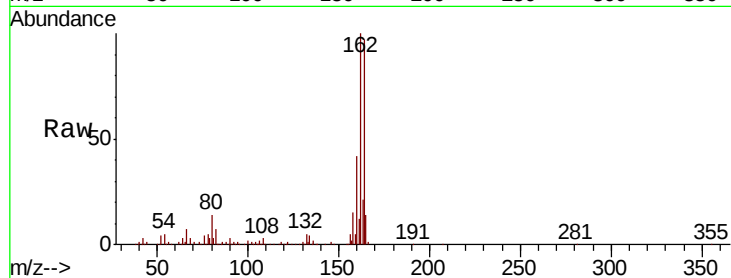
Tot Ion:164 Resp: 167103

Ion Ratio Lower Upper

164 100

162 103.6 78.5 117.7

160 43.1 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.475 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Tgt Ion:216 Resp: 248021

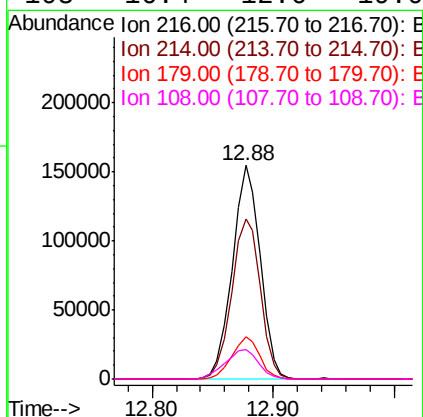
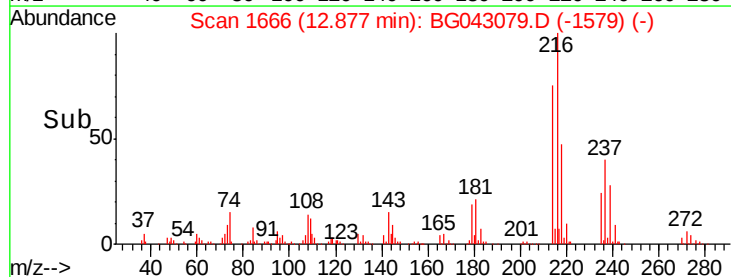
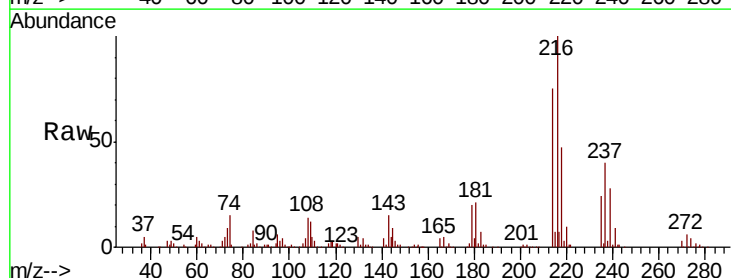
Ion Ratio Lower Upper

216 100

214 77.2 62.4 93.6

179 19.6 15.4 23.2

108 16.4 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 79.756 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

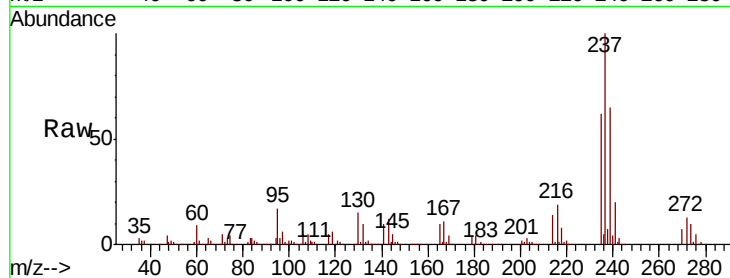
Tot Ion:237 Resp: 319280

Ion Ratio Lower Upper

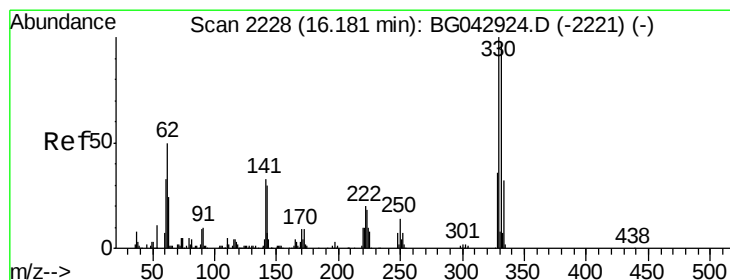
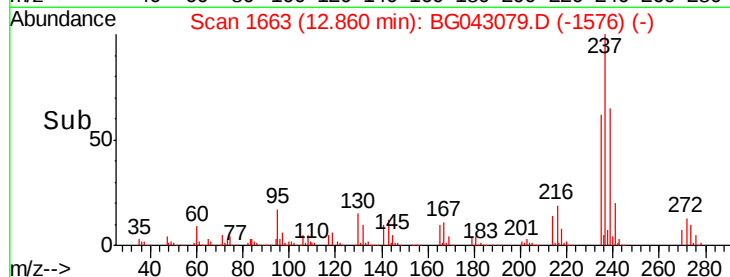
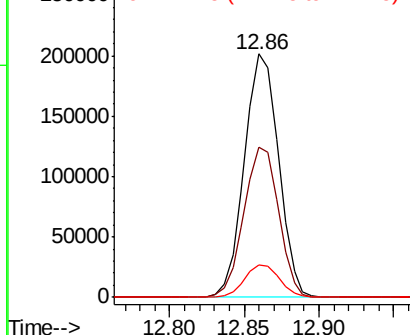
237 100

235 61.9 46.7 86.7

272 13.1 0.0 32.3



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: 150.010 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

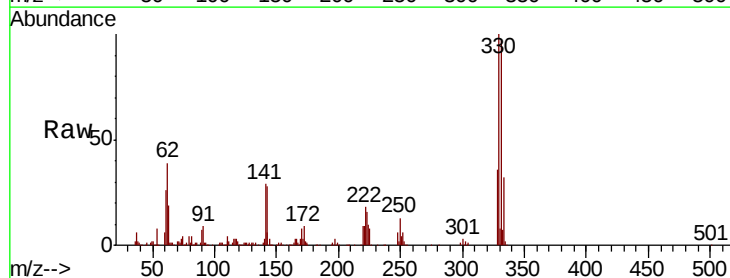
Tgt Ion:330 Resp: 431044

Ion Ratio Lower Upper

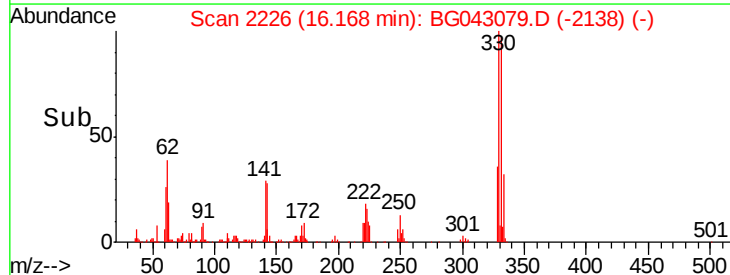
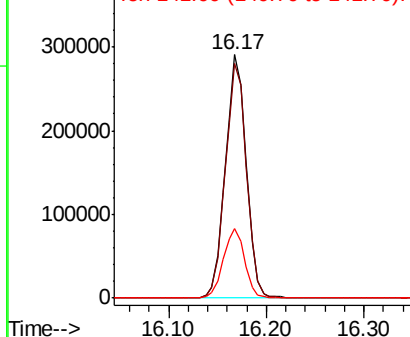
330 100

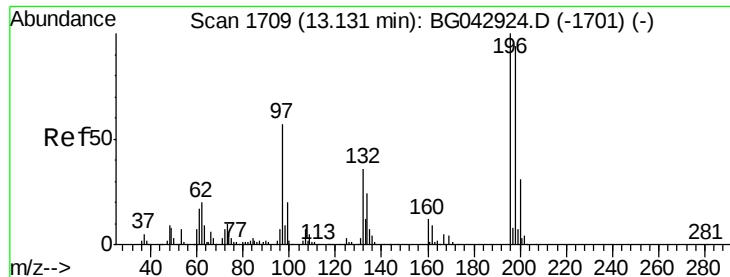
332 97.9 78.2 117.2

141 29.2 26.0 39.0



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

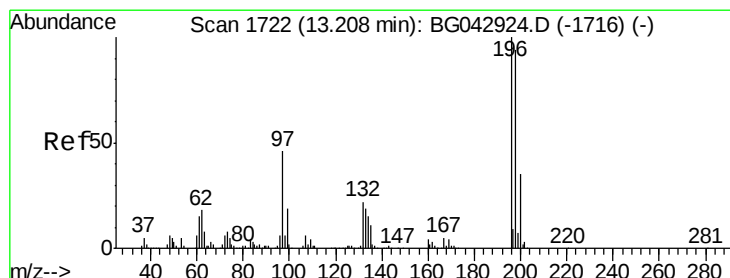
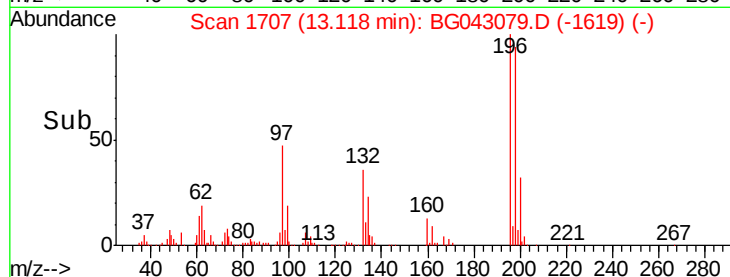
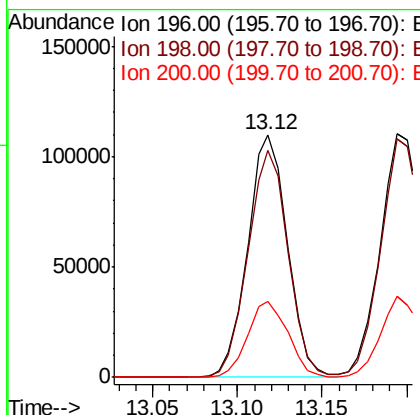
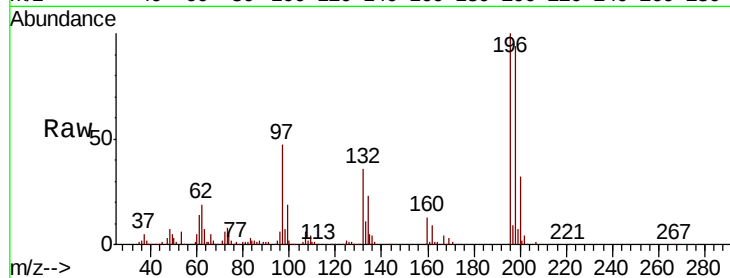




#43
 2,4,6-Trichlorophenol
 Concen: 49.035 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

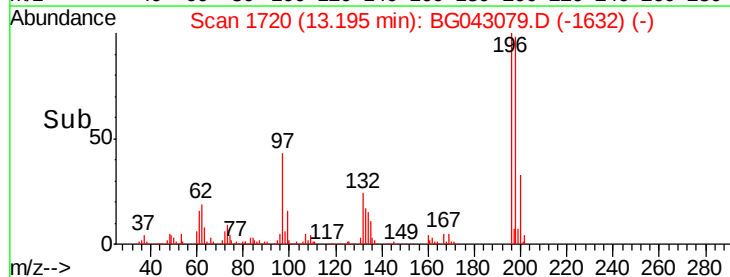
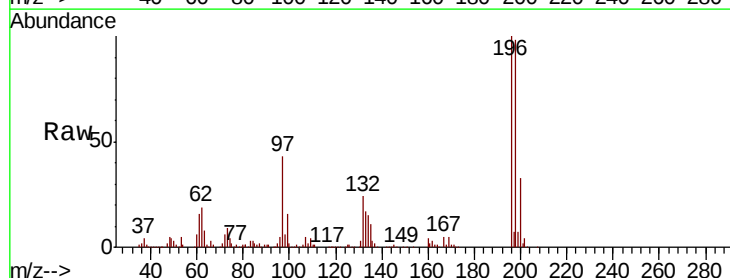
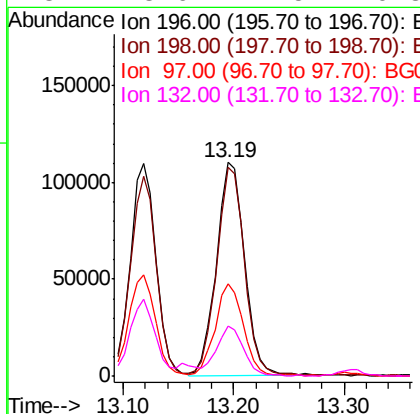
Instrument :
 BNA_G
 ClientSampleID :
 PB123704BSD

Tot Ion	196	Resp	180322
Ion Ratio	Lower	Upper	
196	100		
198	93.8	75.5	113.3
200	31.5	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 51.791 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

Tgt Ion	196	Resp	196202
Ion Ratio	Lower	Upper	
196	100		
198	97.7	75.1	112.7
97	42.9	37.0	55.4
132	23.6	17.5	26.3

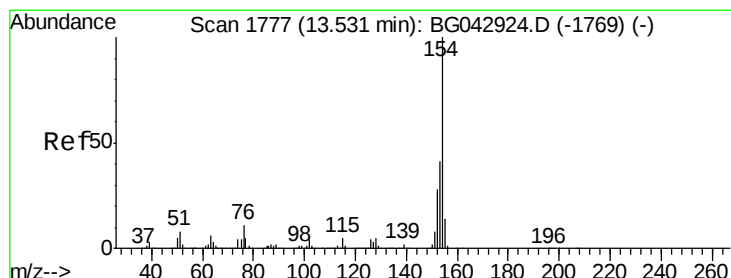
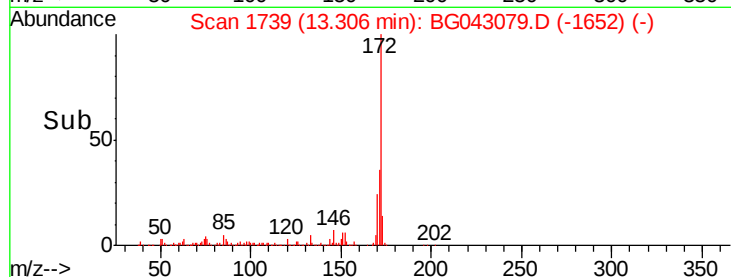
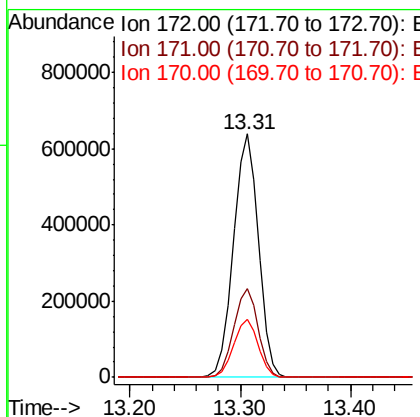
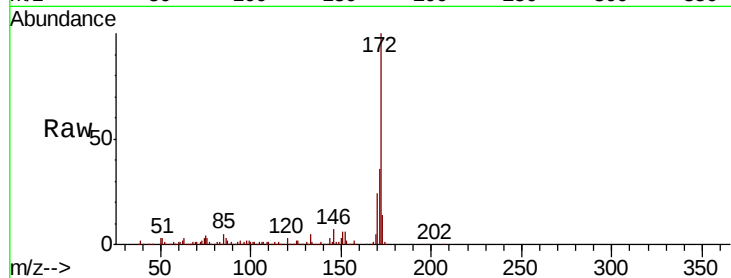




#45
 2-Fluorobiphenyl
 Concen: 87.591 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

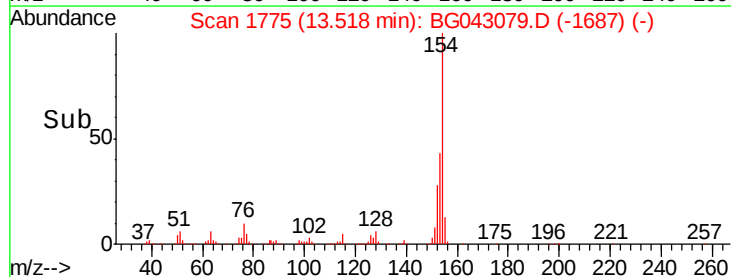
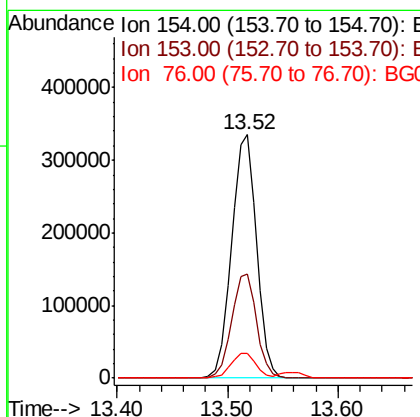
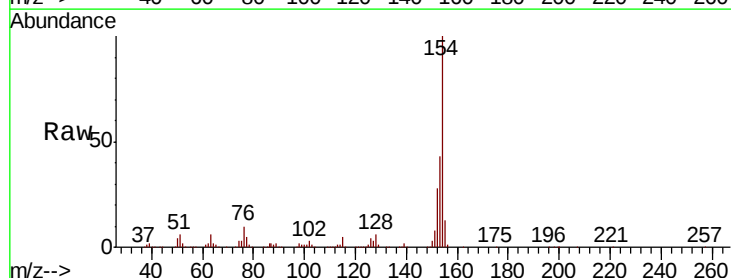
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BSD

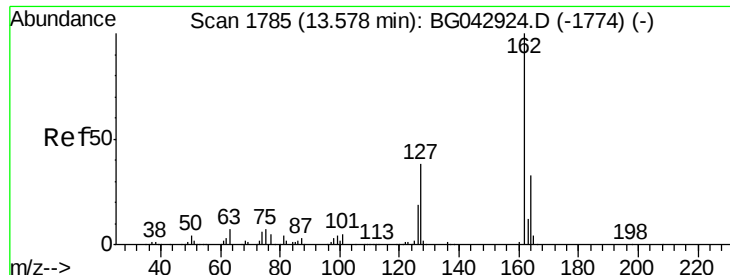
Tot Ion:172 Resp: 1009636
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.7 19.6 29.4



#46
 1,1'-Biphenyl
 Concen: 41.844 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

Tgt Ion:154 Resp: 530253
 Ion Ratio Lower Upper
 154 100
 153 42.8 21.4 61.4
 76 10.0 0.0 31.3

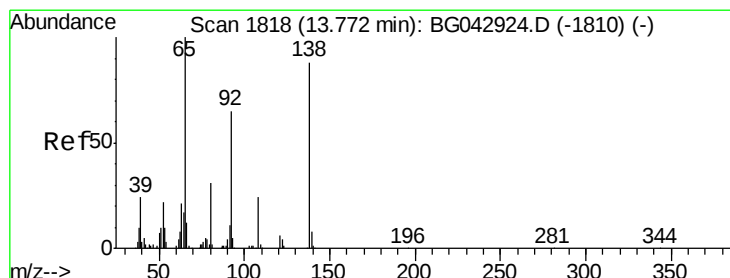
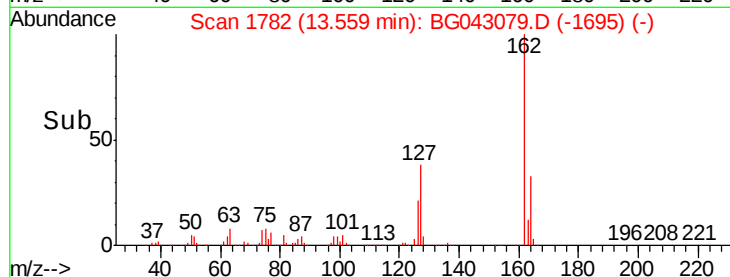
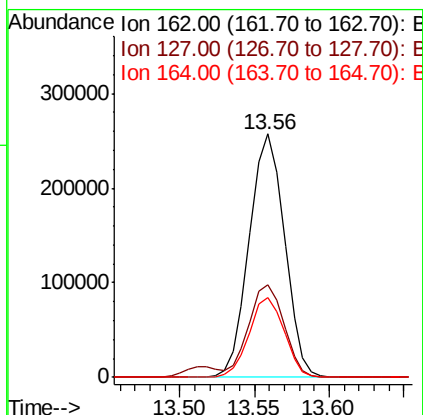
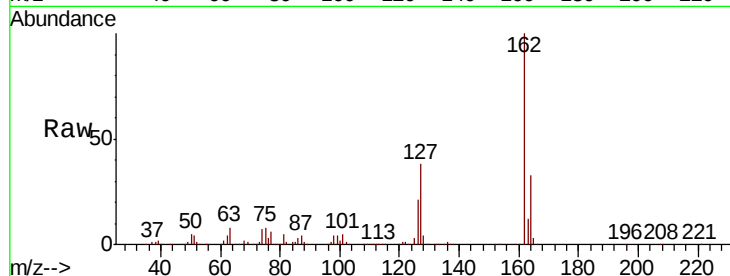




#47
2-Chloronaphthalene
Concen: 44.403 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

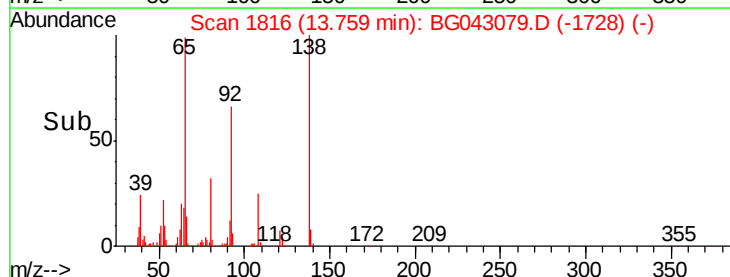
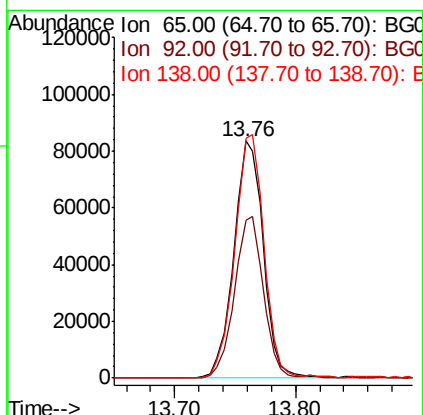
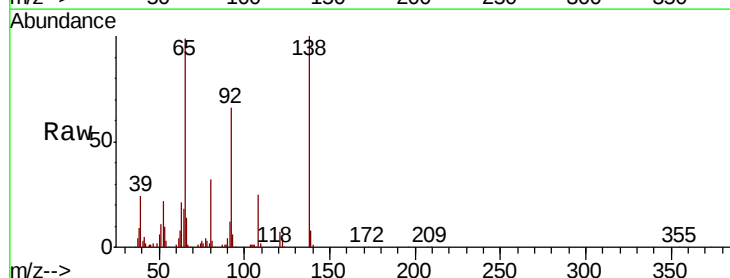
Instrument :
BNA_G
ClientSampleId :
PB123704BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.0	46.6
164	32.8	26.2	39.2



#48
2-Nitroaniline
Concen: 45.055 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.0	78.0
138	101.0	70.4	105.6





#49

Acenaphthylene

Concen: 48.065 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

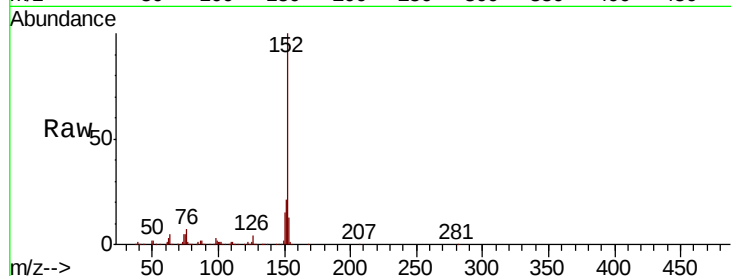
Tot Ion:152 Resp: 698771

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

153 13.4 11.3 16.9

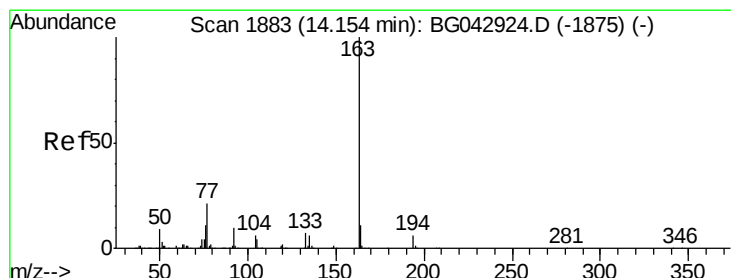
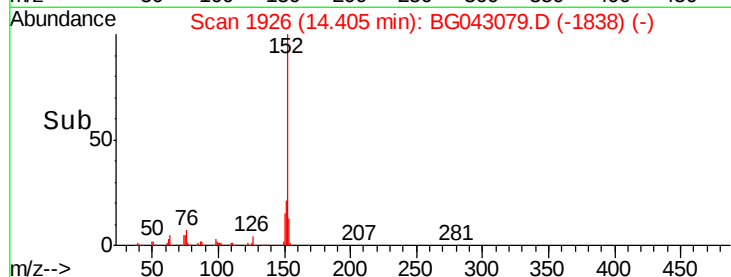
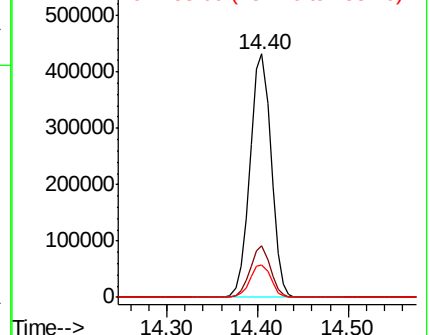


Abundance

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: 59.410 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

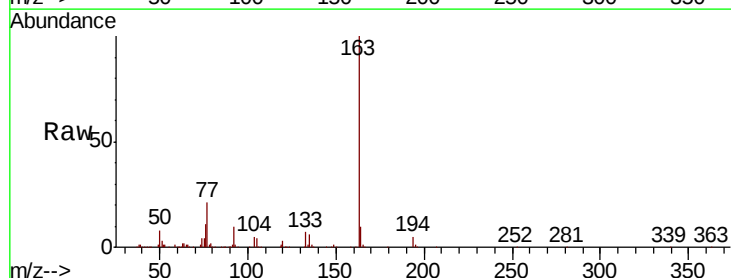
Tgt Ion:163 Resp: 743836

Ion Ratio Lower Upper

163 100

194 4.8 4.4 6.6

164 10.3 8.6 12.8

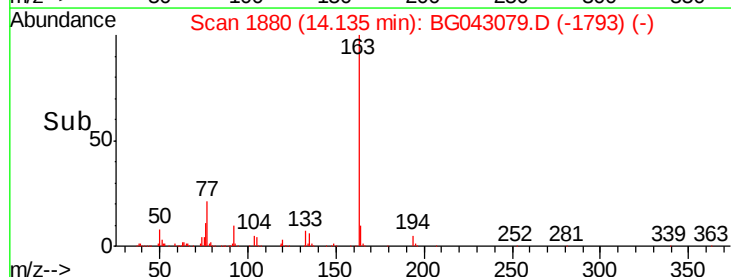
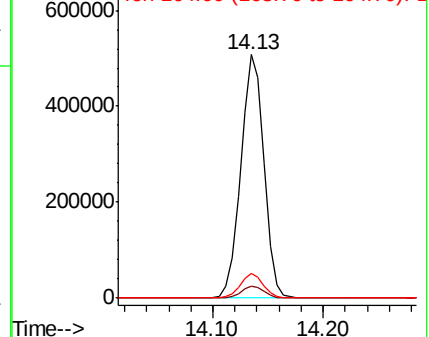


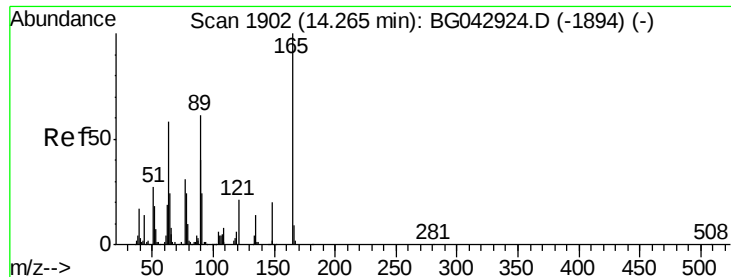
Abundance

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

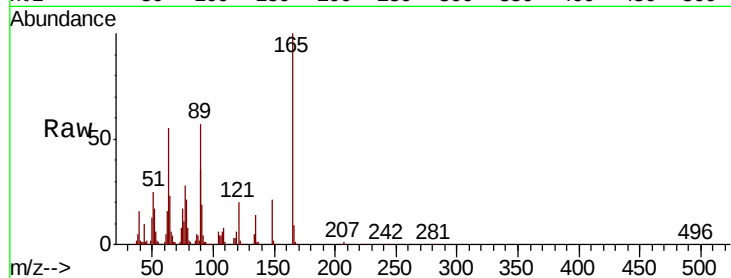




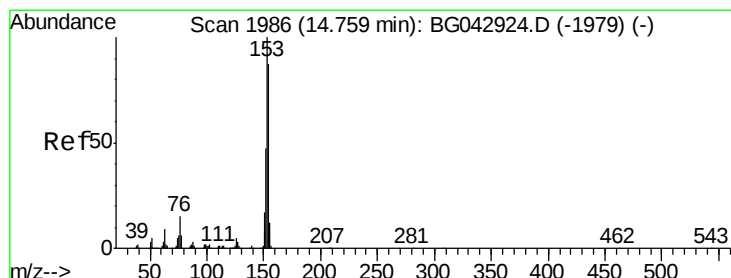
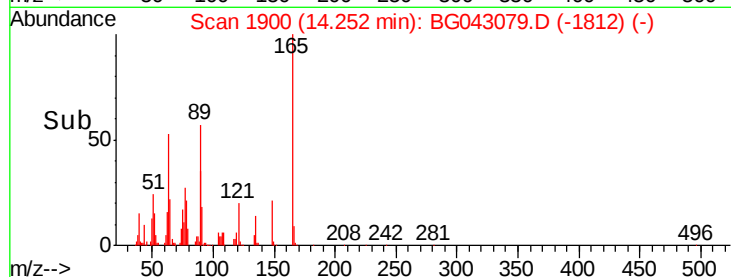
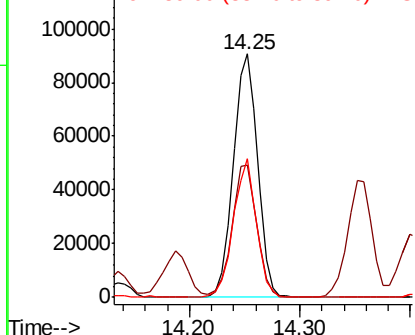
#51
2,6-Dinitrotoluene
Concen: 52.504 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
PB123704BSD

Tot Ion:165 Resp: 139993
Ion Ratio Lower Upper
165 100
63 54.6 50.3 75.5
89 56.7 48.9 73.3

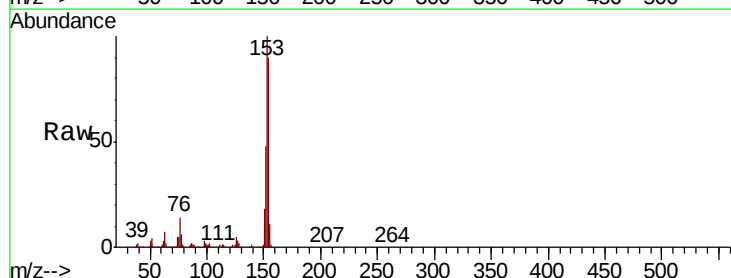


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

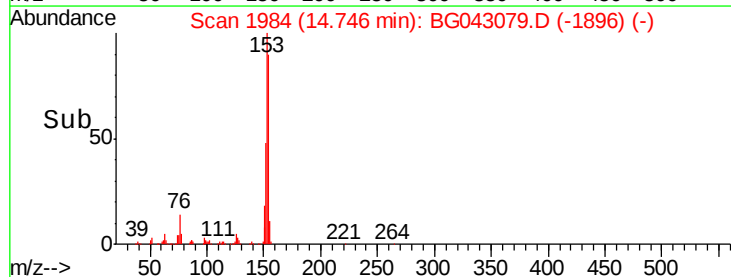
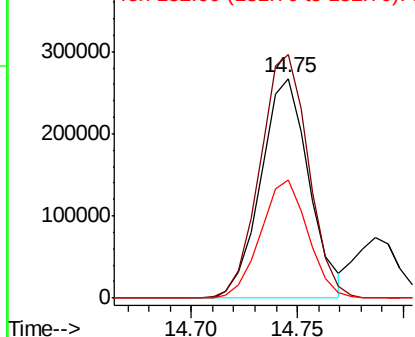


#52
Acenaphthene
Concen: 43.560 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion:154 Resp: 423881
Ion Ratio Lower Upper
154 100
153 110.9 91.4 137.0
152 53.7 42.8 64.2



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





#53

3-Nitroaniline

Concen: 21.965 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

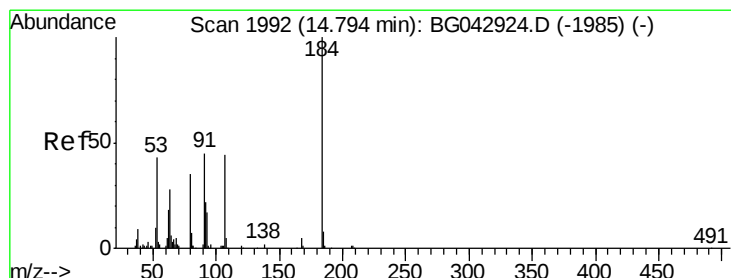
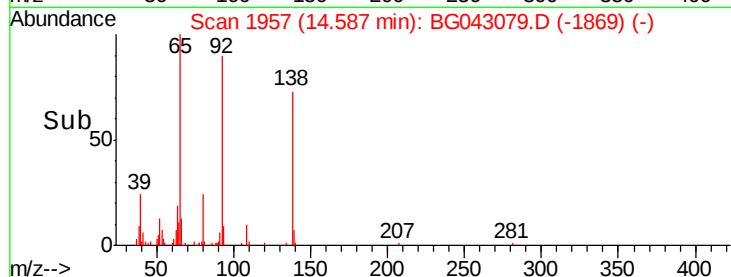
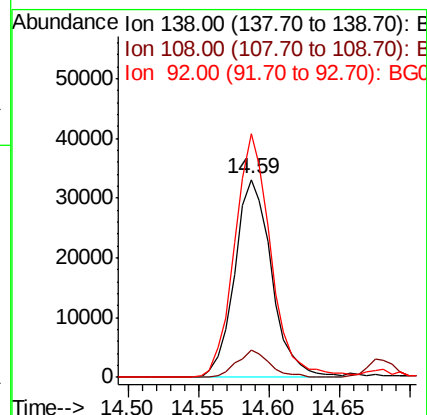
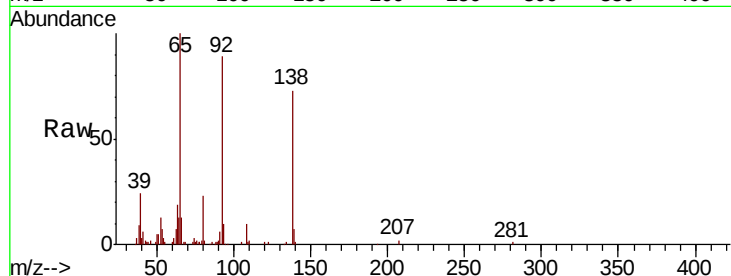
Tot Ion:138 Resp: 60524

Ion Ratio Lower Upper

138 100

108 13.5 7.9 11.9#

92 123.2 97.0 145.6



#54

2,4-Dinitrophenol

Concen: 109.251 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

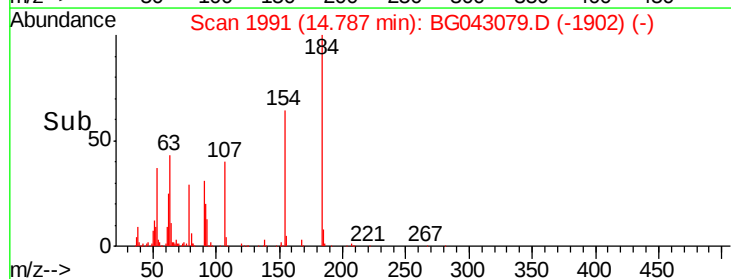
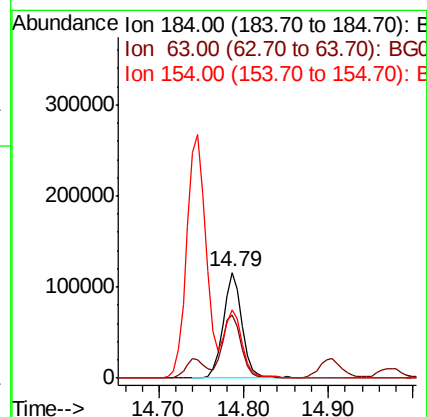
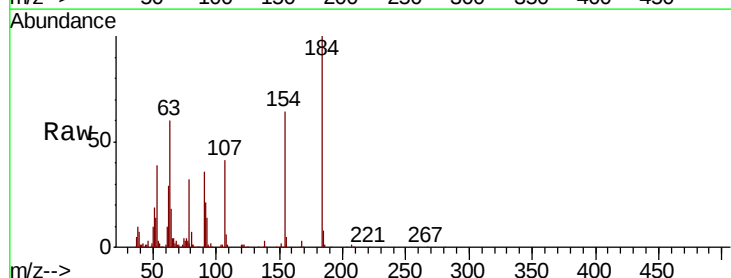
Tgt Ion:184 Resp: 181066

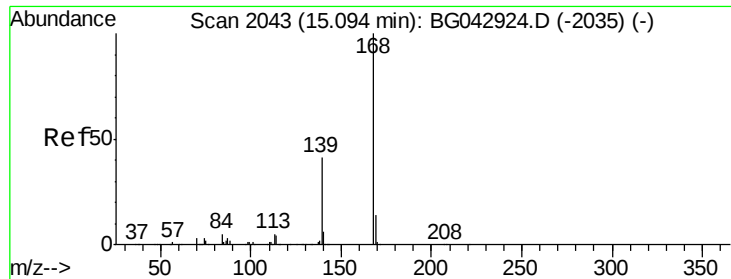
Ion Ratio Lower Upper

184 100

63 59.6 55.0 82.6

154 64.1 56.5 84.7

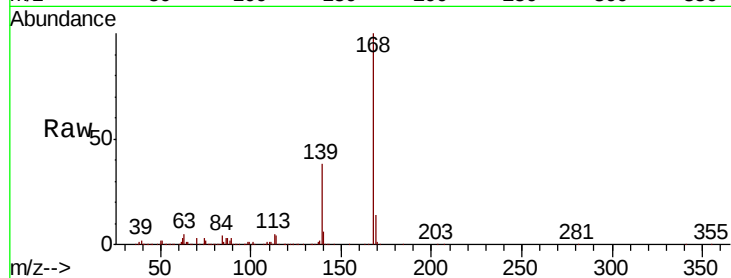




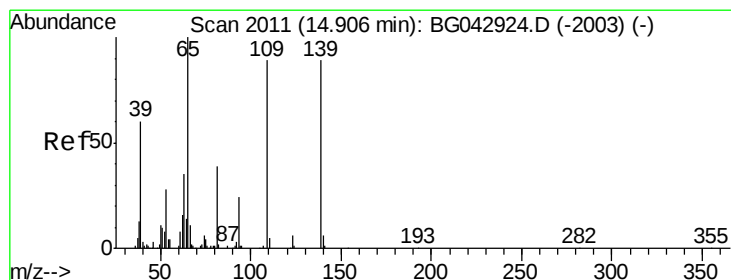
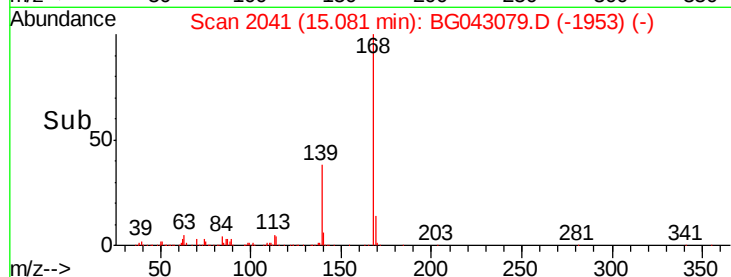
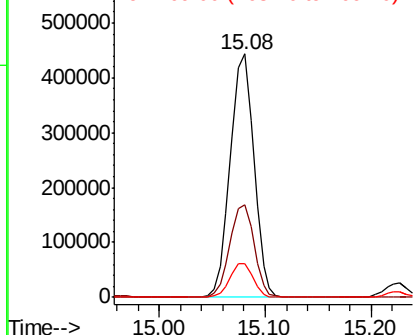
#55
Dibenzofuran
Concen: 47.900 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
PB123704BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	32.6	48.8
169	13.9	11.2	16.8

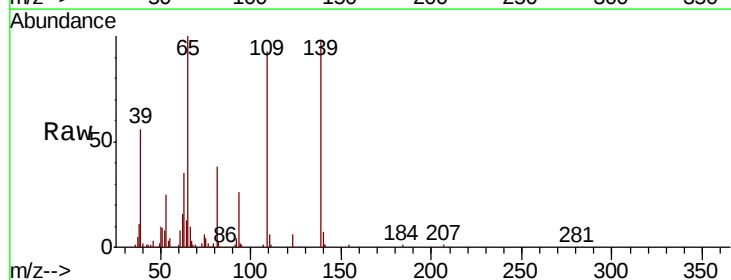


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

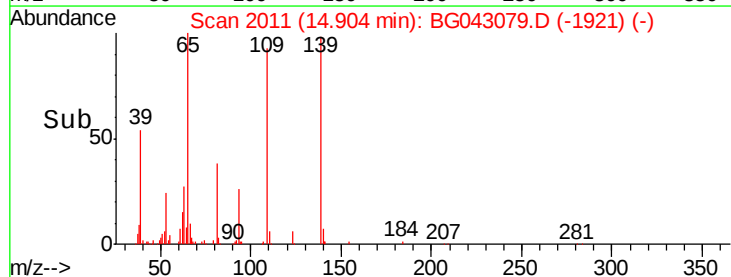
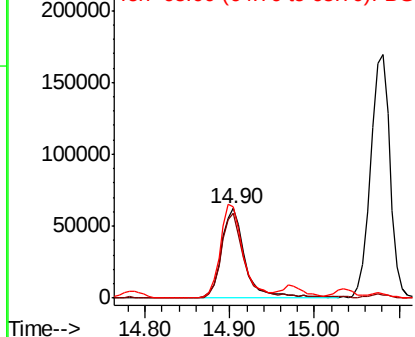


#56
4-Nitrophenol
Concen: 57.311 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.7	79.4	119.4
65	101.8	92.5	132.5



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

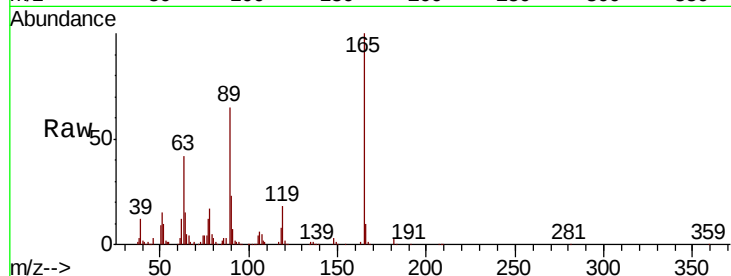




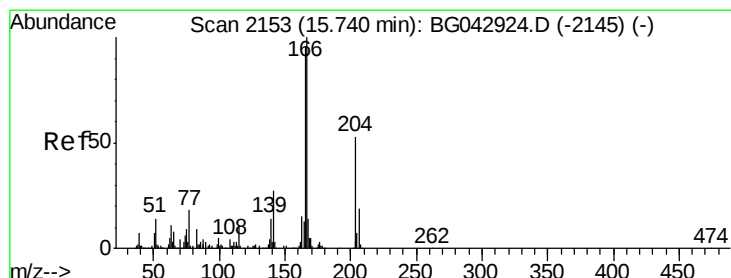
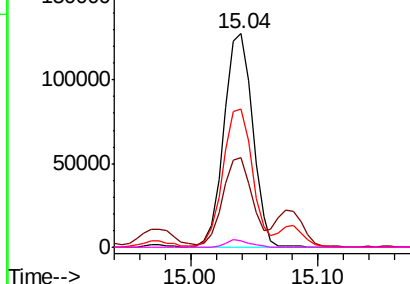
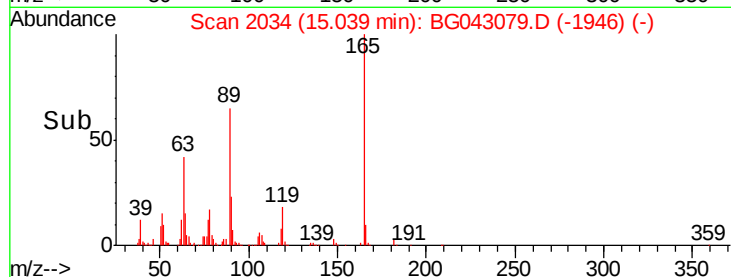
#57
2,4-Dinitrotoluene
Concen: 51.278 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
PB123704BSD

Tot Ion:	165	Resp:	200219
Ion	Ratio	Lower	Upper
165	100		
63	41.9	36.5	54.7
89	64.7	55.5	83.3
182	3.0	2.4	3.6

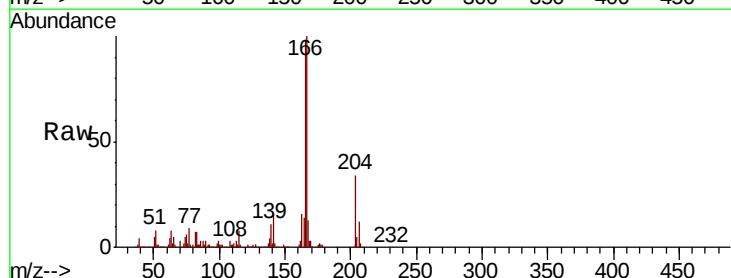


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

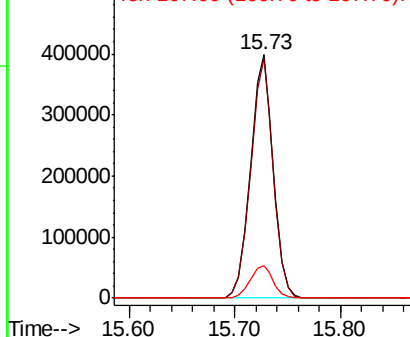
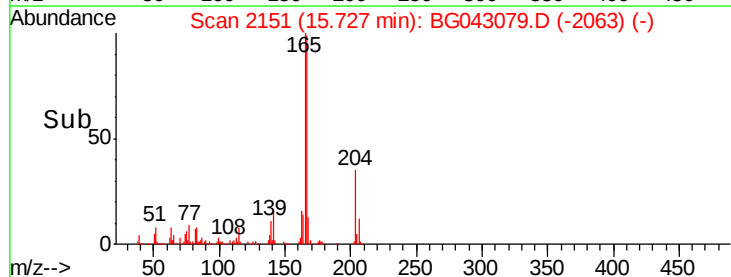


#58
Fluorene
Concen: 48.250 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion:	166	Resp:	592980
Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.1	115.7
167	13.5	11.0	16.6



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

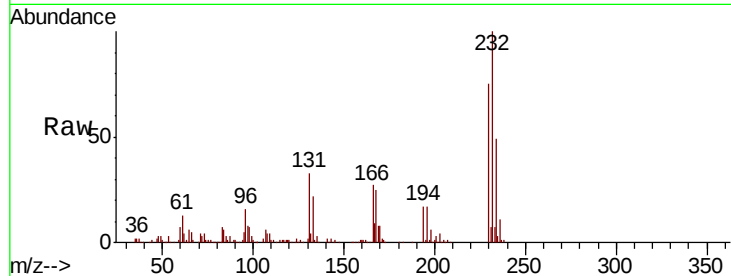




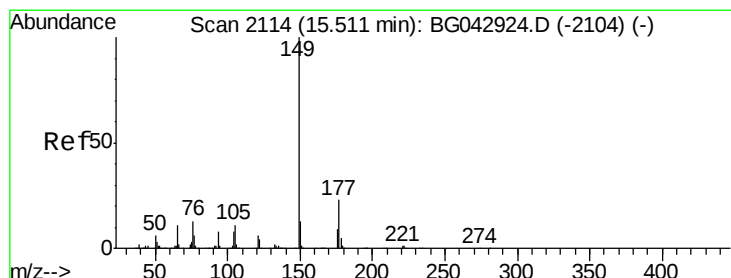
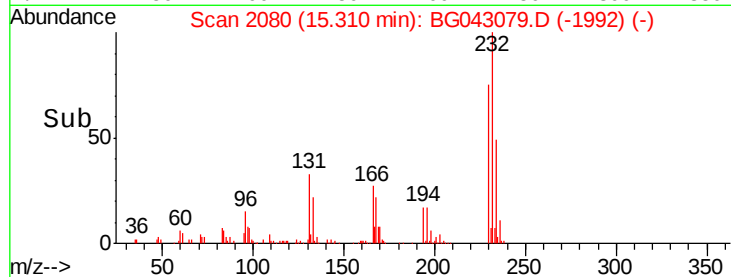
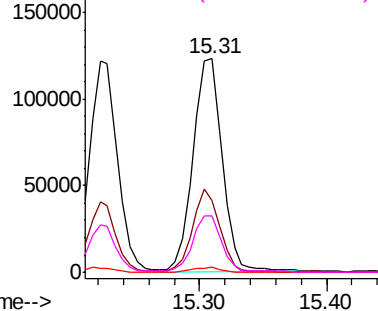
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.510 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BSD

Tot Ion:232	Resp:	195670
Ion Ratio	Lower	Upper
232	100	
131	36.5	29.6 44.4
130	2.1	1.9 2.9
166	27.0	21.8 32.8

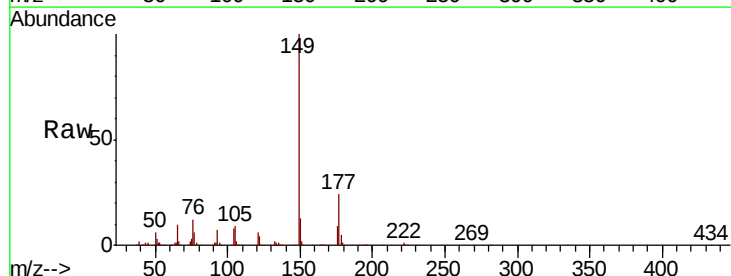


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

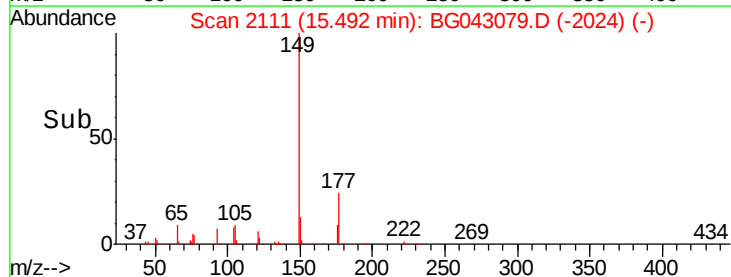
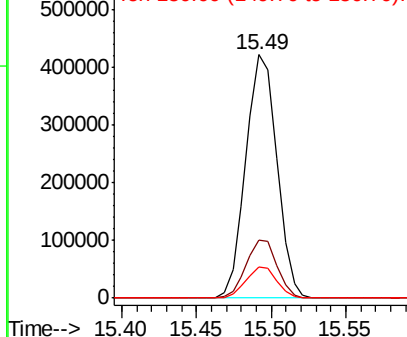


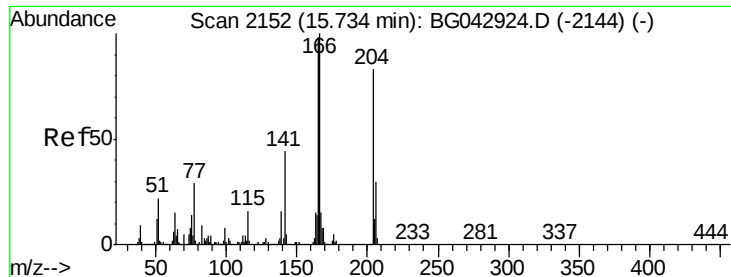
#60
 Diethylphthalate
 Concen: 47.662 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.02 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

Tgt Ion:149	Resp:	607315
Ion Ratio	Lower	Upper
149	100	
177	23.7	18.8 28.2
150	13.0	10.6 15.8



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

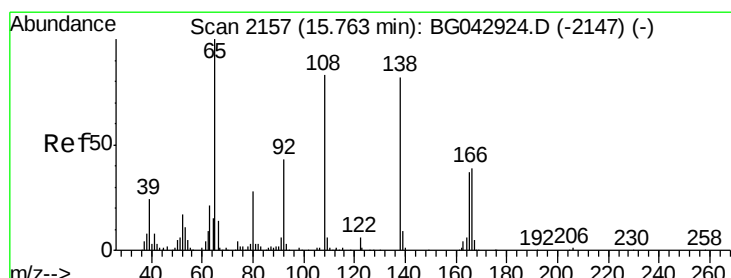
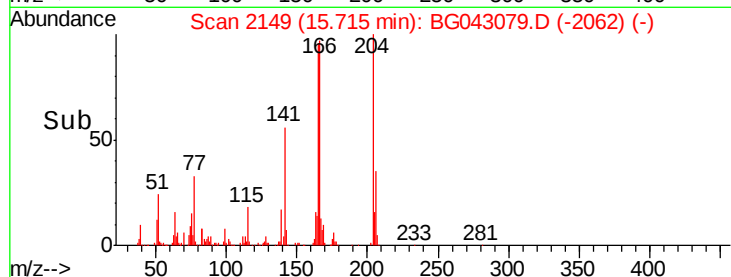
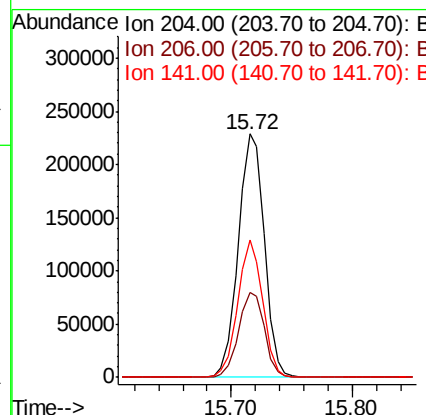
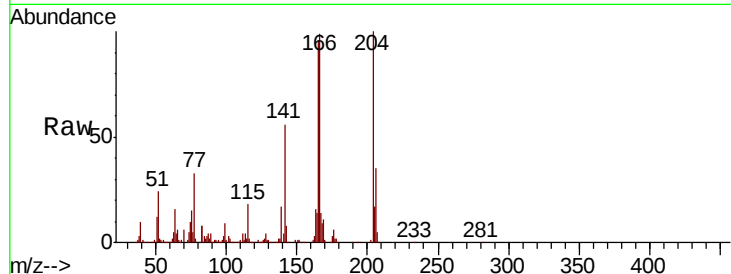




#61
 4-Chlorophenyl-phenylether
 Concen: 46.556 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

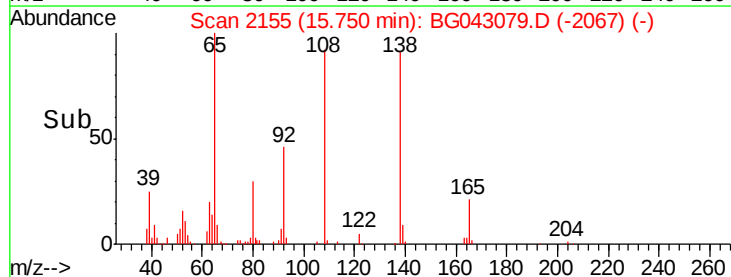
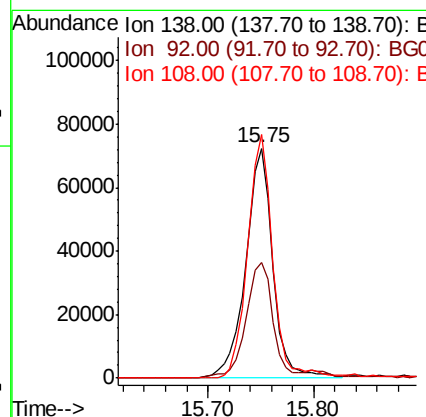
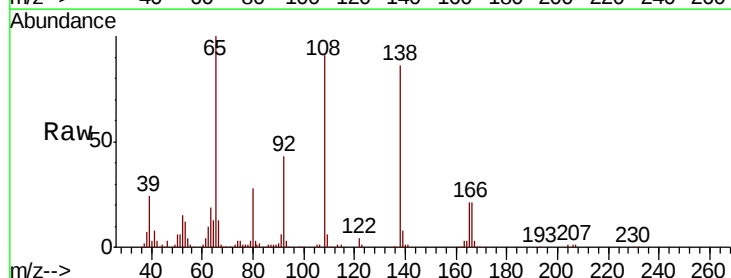
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BSD

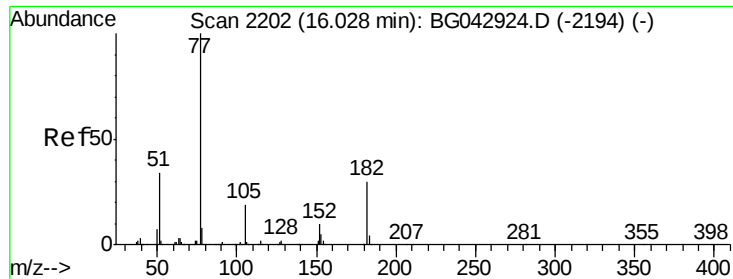
Tot Ion:204 Resp: 343146
 Ion Ratio Lower Upper
 204 100
 206 34.9 28.5 42.7
 141 56.2 42.4 63.6



#62
 4-Nitroaniline
 Concen: 42.946 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

Tgt Ion:138 Resp: 129063
 Ion Ratio Lower Upper
 138 100
 92 50.1 32.9 72.9
 108 106.0 81.3 121.3





#63

Azobenzene

Concen: 44.999 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

Tot Ion: 77 Resp: 522022

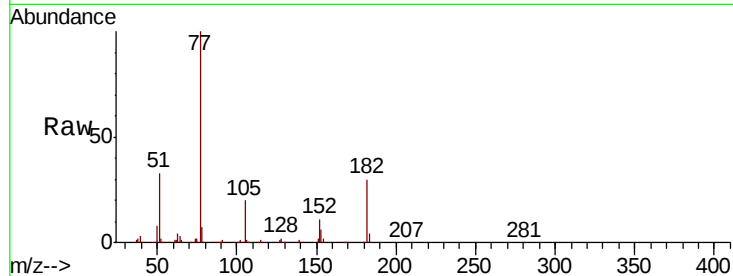
Ion Ratio Lower Upper

77 100

182 30.5 10.2 50.2

105 20.4 0.0 39.1

51 32.5 13.9 53.9

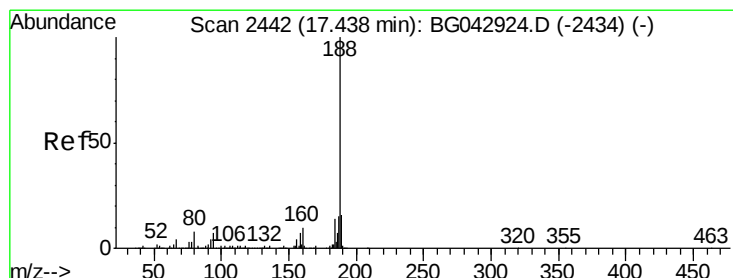
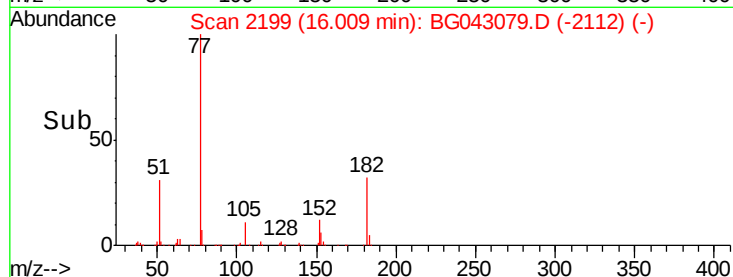
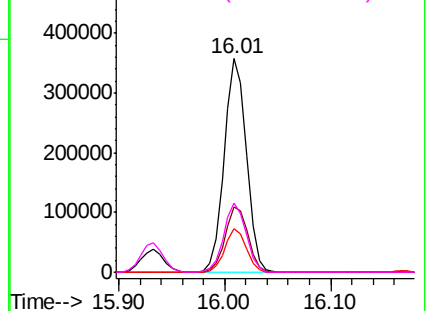


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

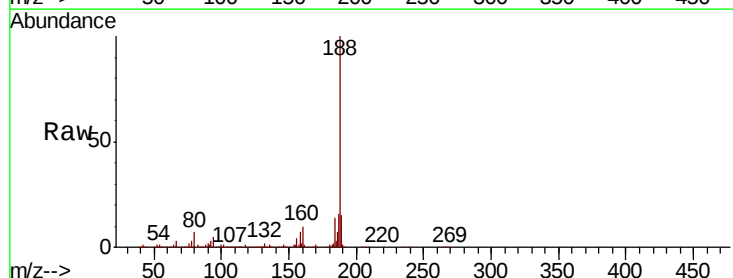
Tgt Ion: 188 Resp: 414920

Ion Ratio Lower Upper

188 100

94 5.4 5.7 8.5#

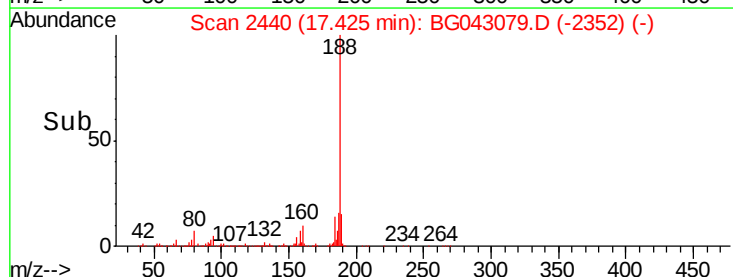
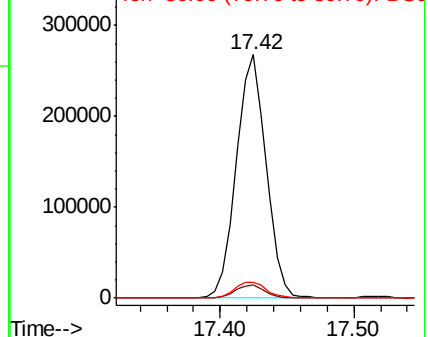
80 6.6 6.5 9.7

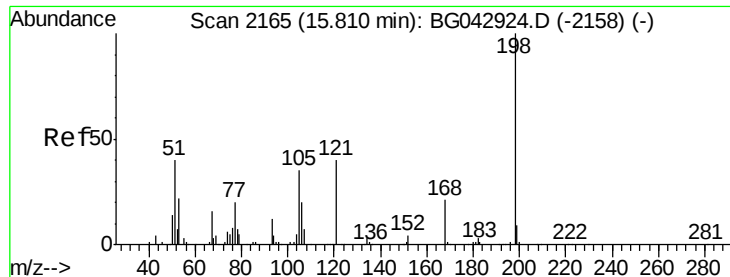


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

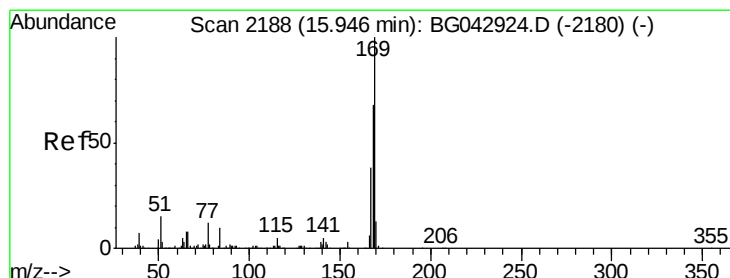
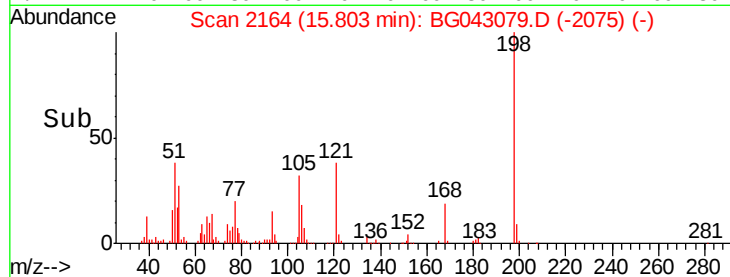
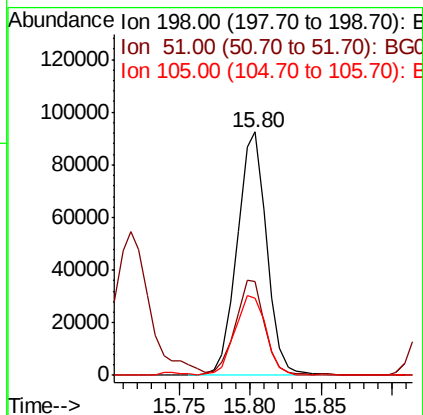
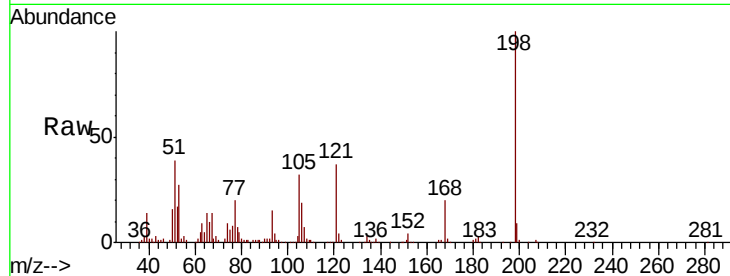




#65
 4,6-Dinitro-2-methylphenol
 Concen: 57.302 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

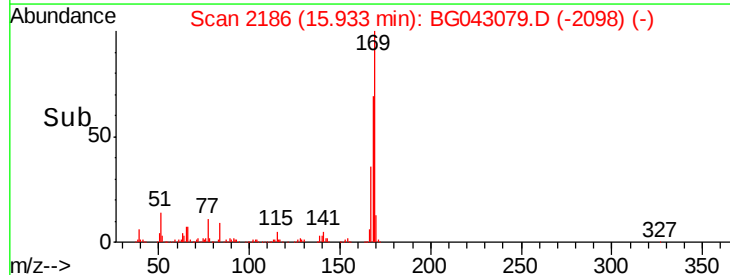
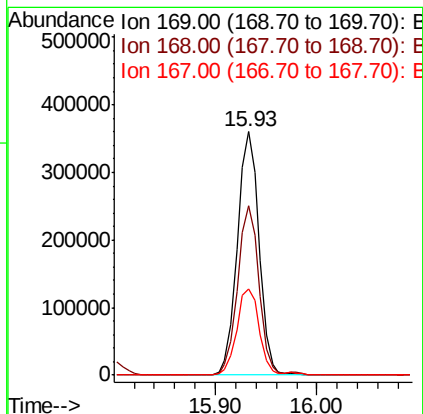
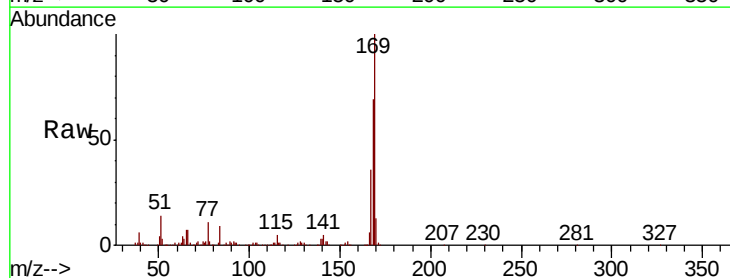
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BSD

Tot Ion:198 Resp: 134539
 Ion Ratio Lower Upper
 198 100
 51 38.5 25.3 65.3
 105 31.8 16.6 56.6



#66
 n-Nitrosodiphenylamine
 Concen: 48.707 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

Tgt Ion:169 Resp: 533503
 Ion Ratio Lower Upper
 169 100
 168 69.4 54.8 82.2
 167 35.6 30.6 46.0

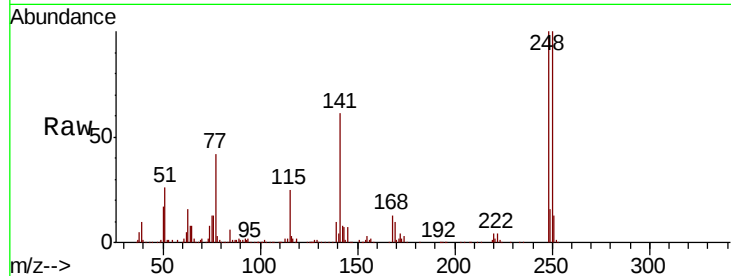




#67
4-Bromophenyl-phenylether
Concen: 47.920 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
PB123704BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	75.8	113.8
141	60.9	51.1	76.7

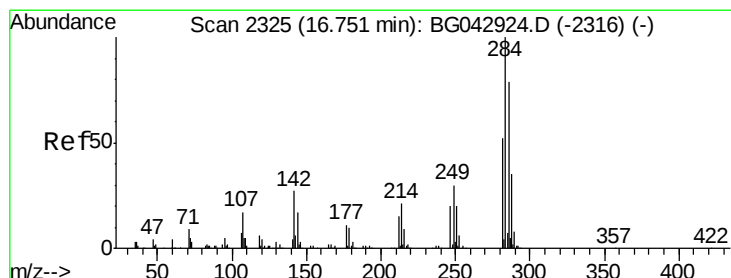
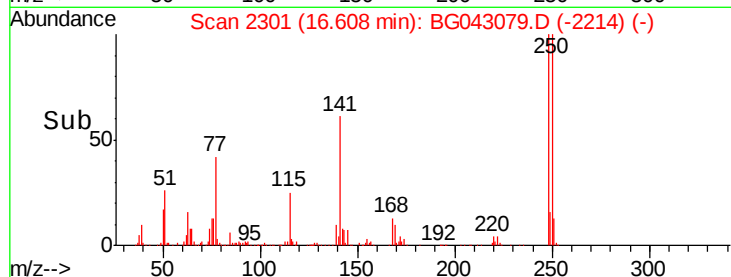
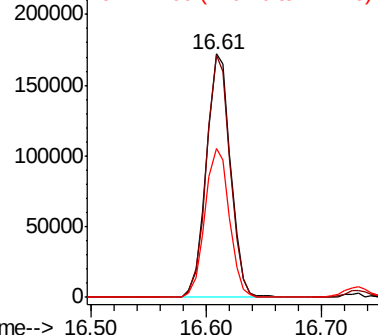


Abundance

Ion 248.00 (247.70 to 248.70): E

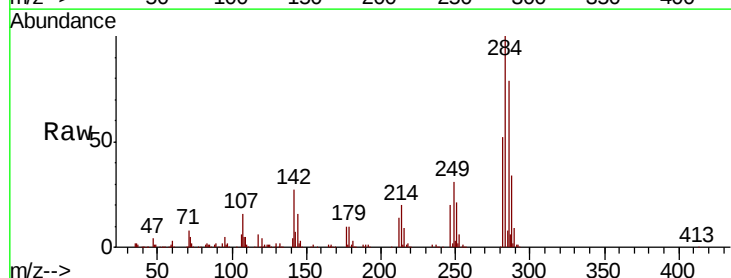
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.152 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	21.6	32.4
249	30.8	24.1	36.1

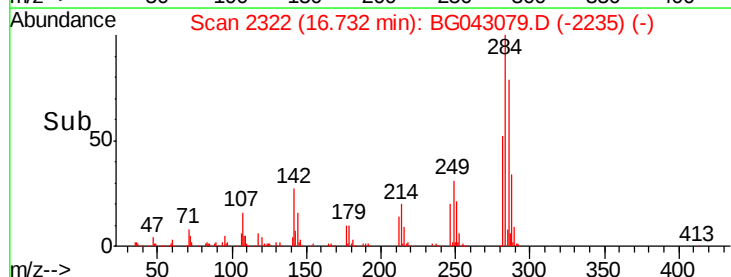
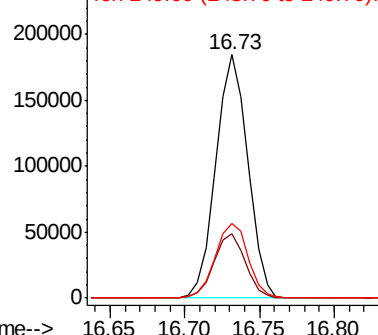


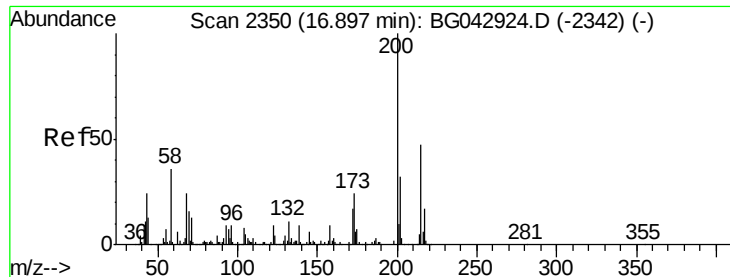
Abundance

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: 32.433 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

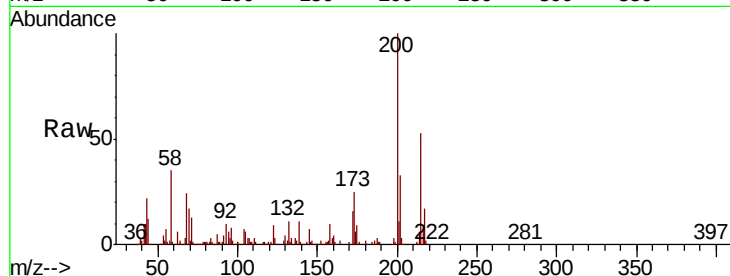
Tot Ion:200 Resp: 149596

Ion Ratio Lower Upper

200 100

173 24.6 4.0 44.0

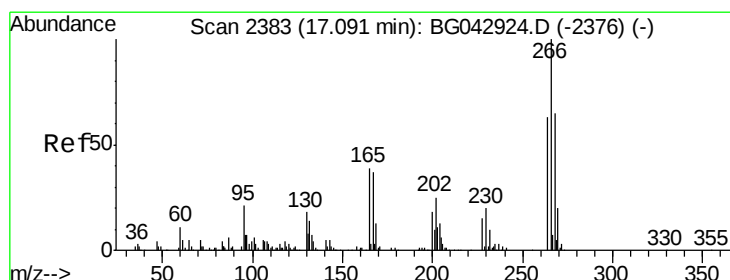
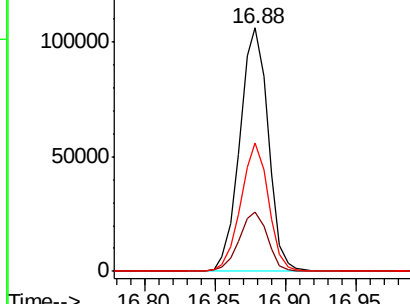
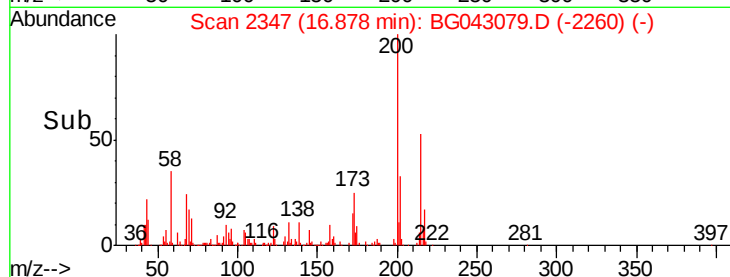
215 52.6 27.4 67.4



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: 99.879 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

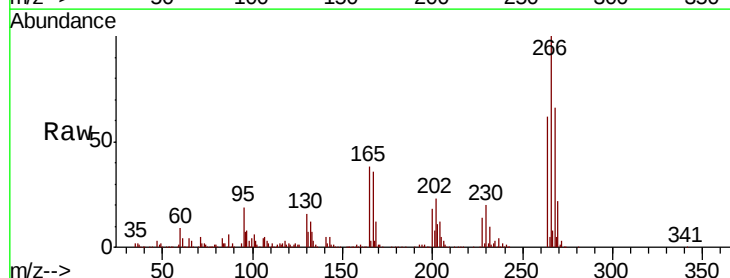
Tgt Ion:266 Resp: 334174

Ion Ratio Lower Upper

266 100

268 66.1 52.2 78.2

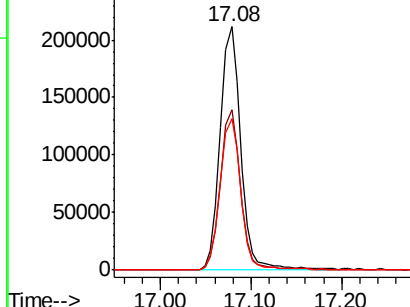
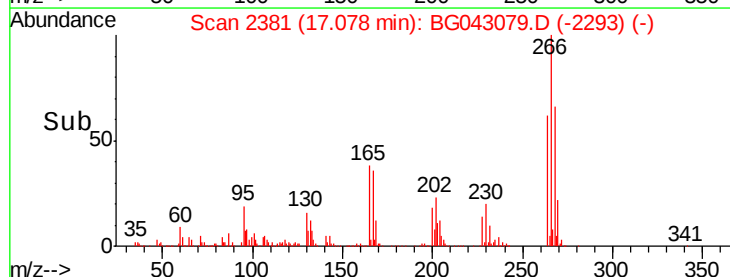
264 62.5 50.7 76.1



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

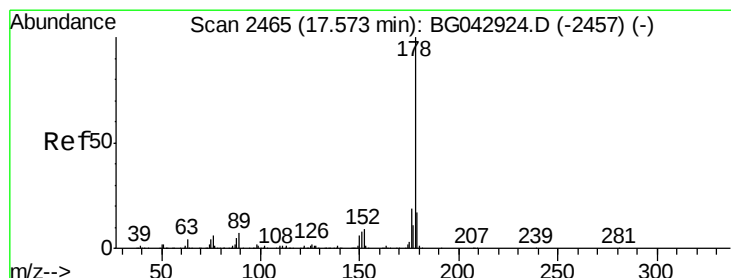
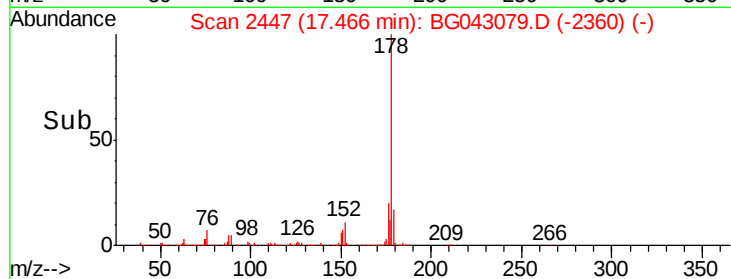
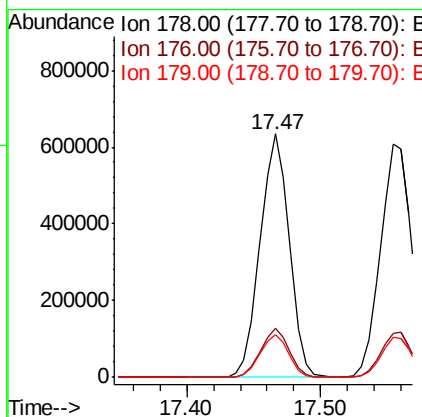
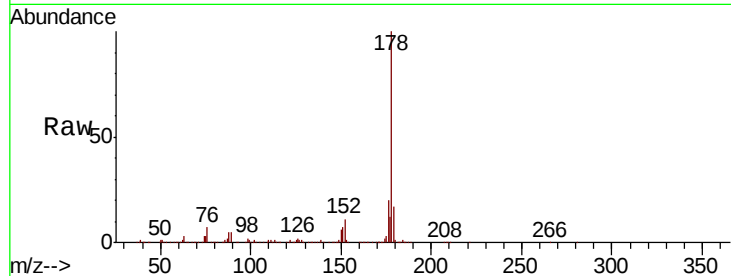




#71
Phenanthrene
Concen: 47.235 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

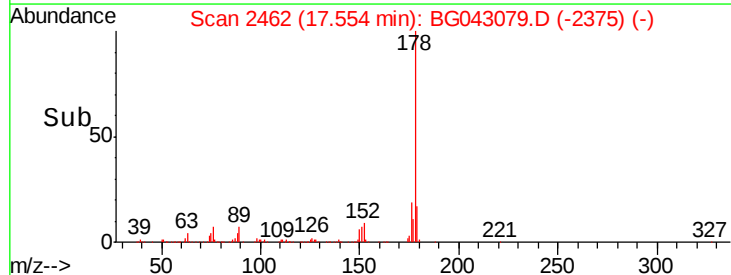
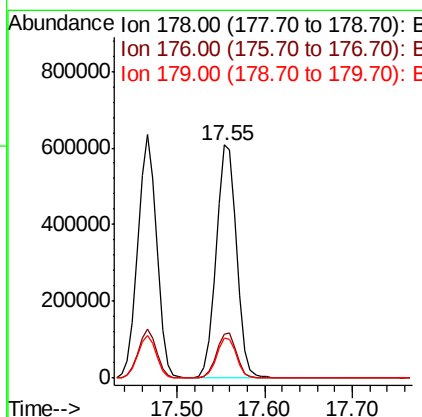
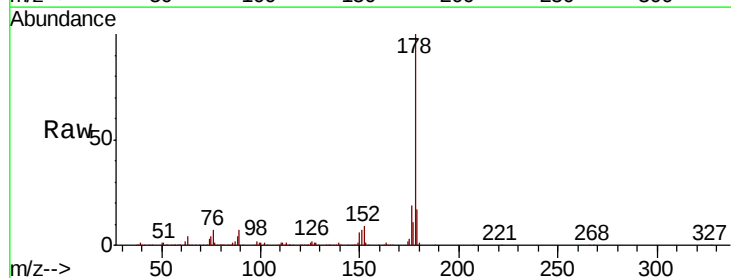
Instrument :
BNA_G
ClientSampleId :
PB123704BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.1	22.7
179	17.3	14.1	21.1



#72
Anthracene
Concen: 48.721 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	17.2	13.5	20.3

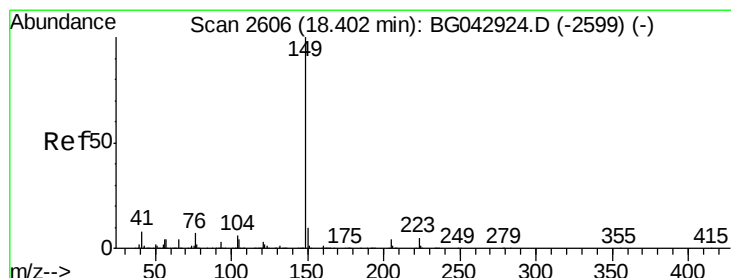
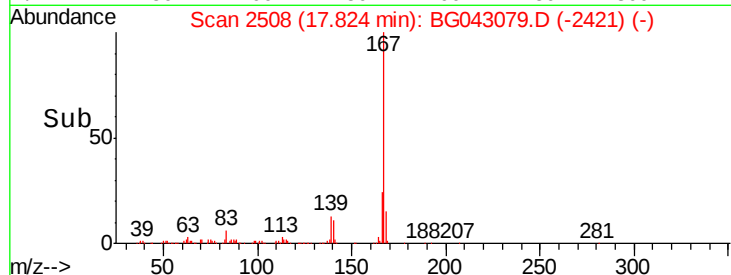
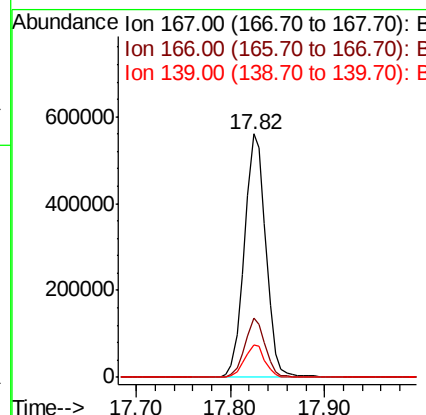
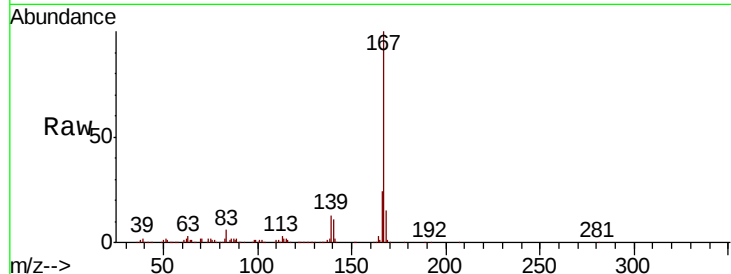




#73
 Carbazole
 Concen: 47.209 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

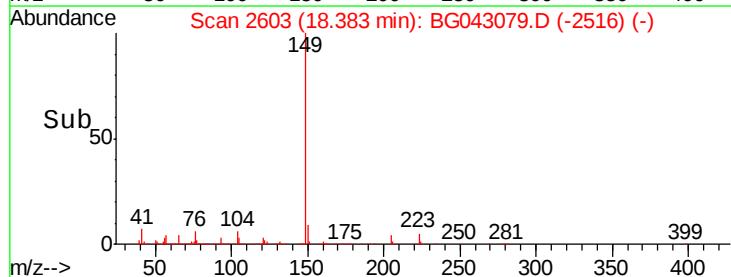
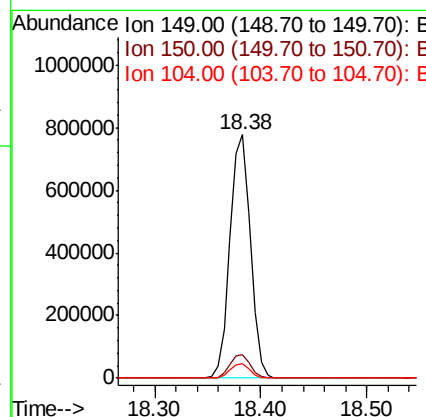
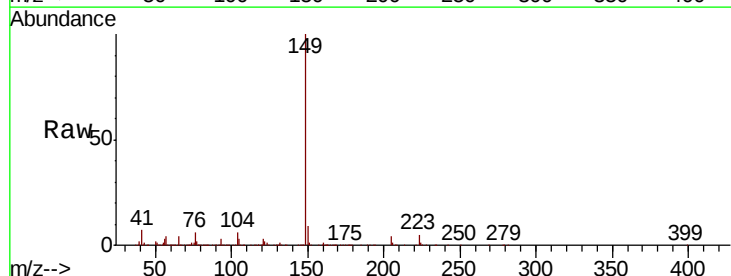
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BSD

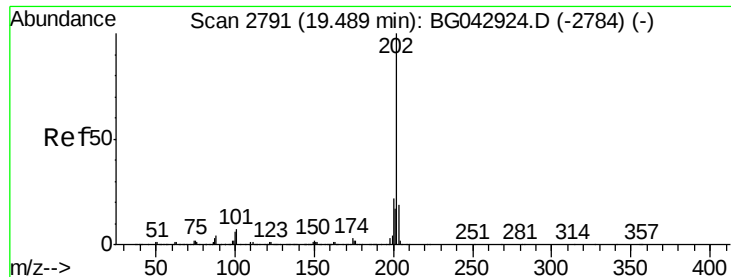
Tot Ion:167 Resp: 885303
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.6 28.0
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 46.367 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043079.D
 Acq: 7 Oct 2019 22:22

Tgt Ion:149 Resp: 1037429
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 6.0 5.0 7.6





#75

Fluoranthene

Concen: 45.862 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

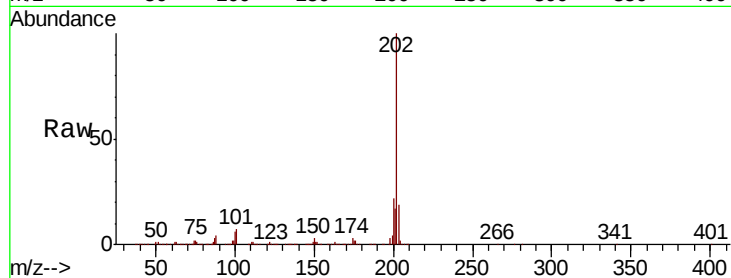
Tot Ion:202 Resp: 1228771

Ion Ratio Lower Upper

202 100

101 7.0 0.0 27.3

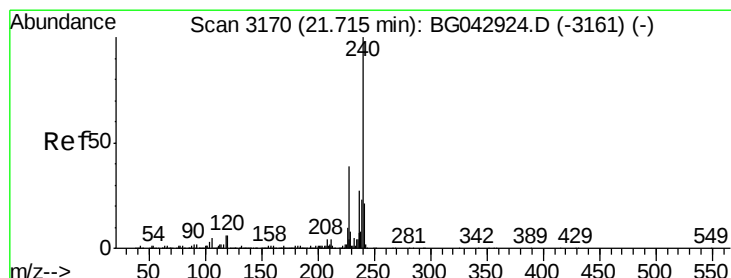
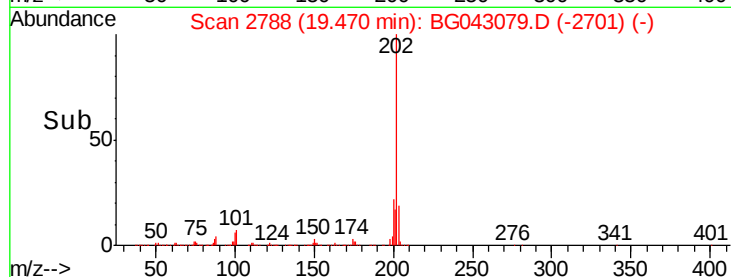
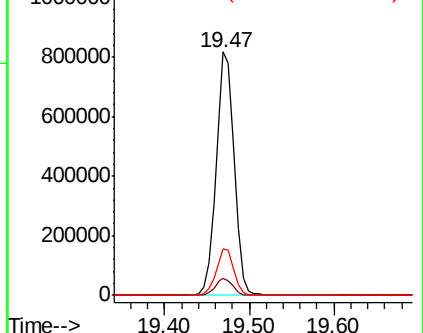
203 18.9 0.0 39.5



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: 21.69 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

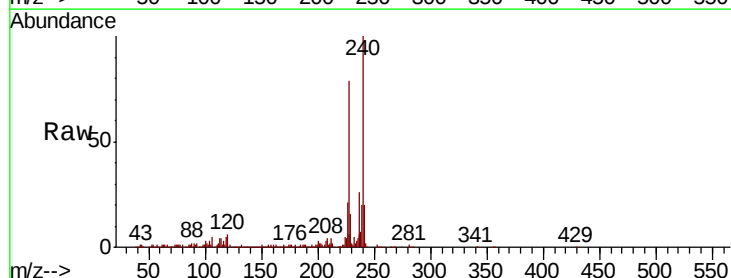
Tgt Ion:240 Resp: 420161

Ion Ratio Lower Upper

240 100

120 5.5 4.8 7.2

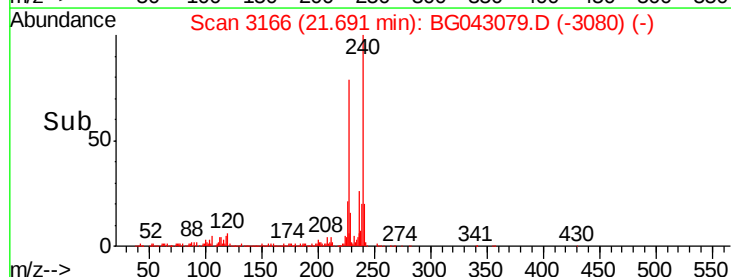
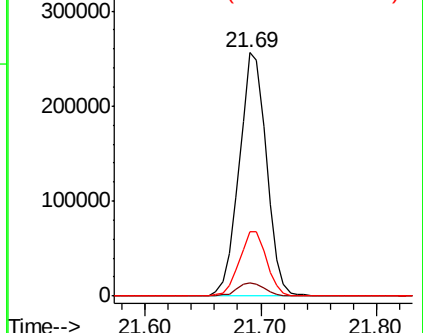
236 26.3 21.4 32.0

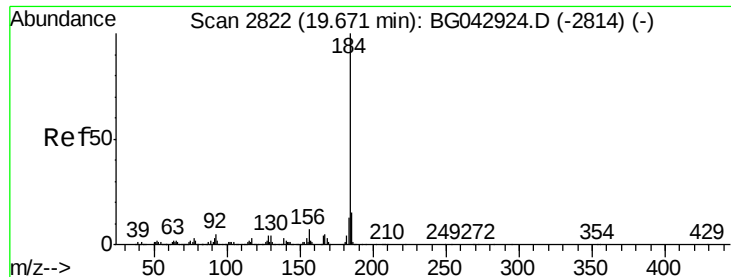


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.726 ng

RT: 19.70 min Scan# 2827

Delta R.T. 0.03 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

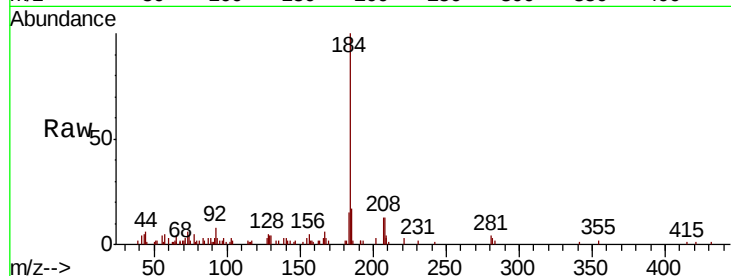
Tot Ion:184 Resp: 28683

Ion Ratio Lower Upper

184 100

185 16.5 11.8 17.8

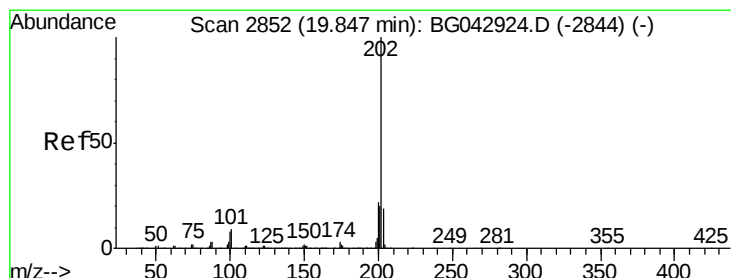
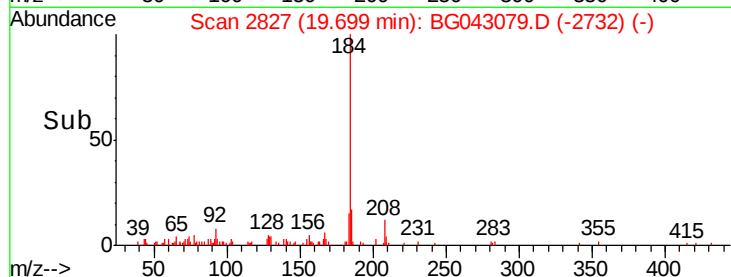
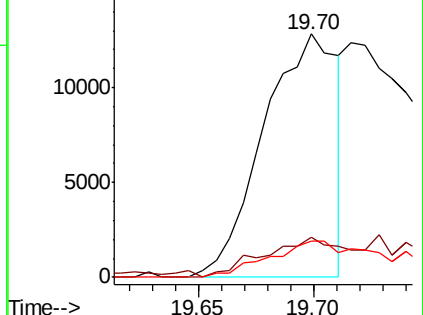
183 15.0 10.1 15.1



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: 49.414 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

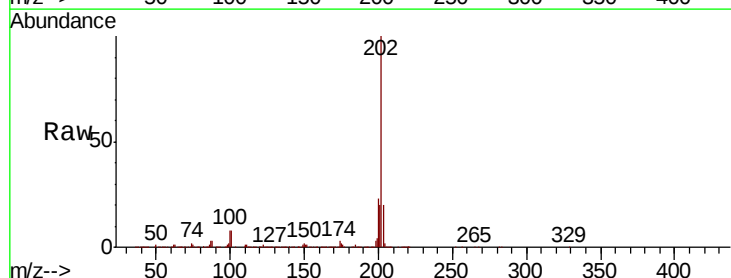
Tgt Ion:202 Resp: 1239198

Ion Ratio Lower Upper

202 100

200 23.0 17.6 26.4

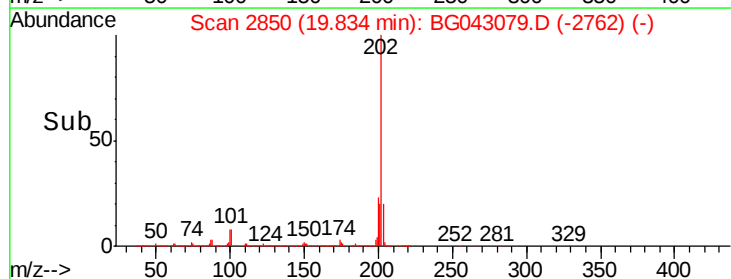
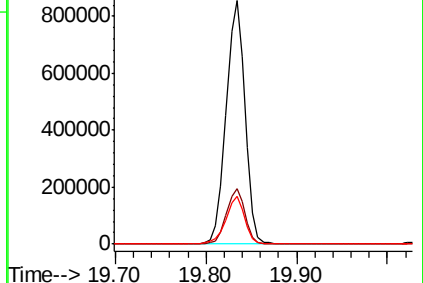
203 19.7 15.2 22.8

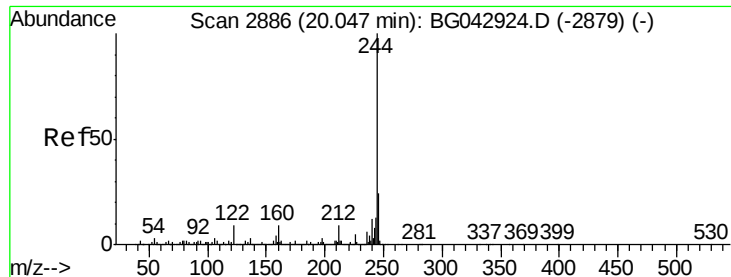


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 101.967 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

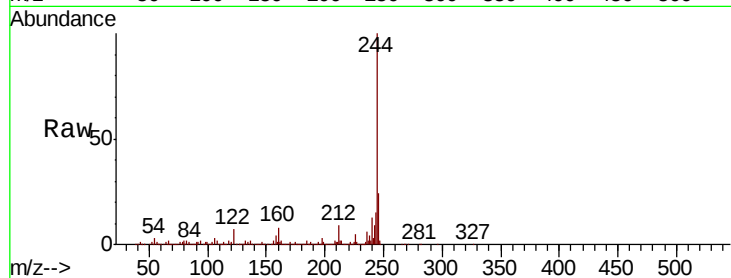
BNA_G

ClientSampleId :

PB123704BSD

Tot Ion:244 Resp: 2010554

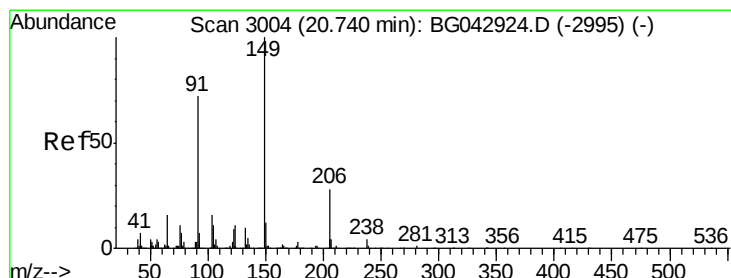
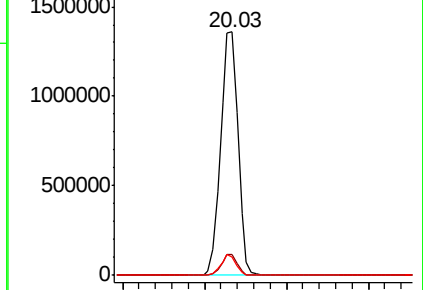
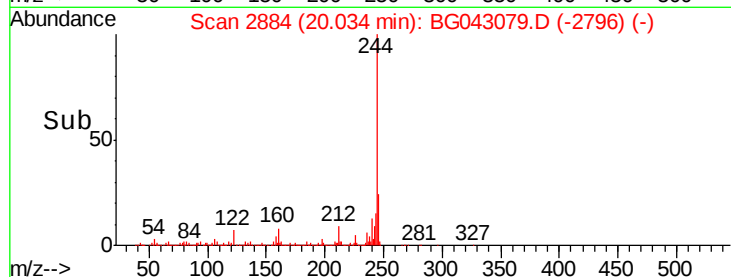
Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.0
122	7.5	7.0	10.4



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: 49.030 ng

RT: 20.72 min Scan# 3000

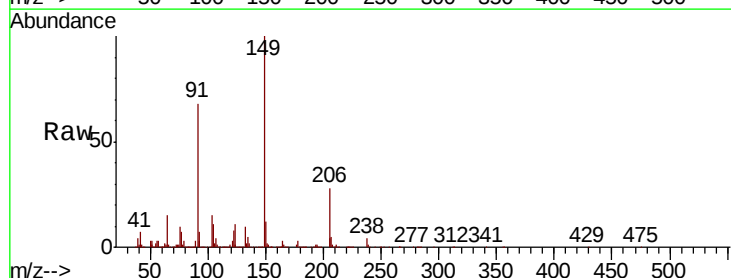
Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Tgt Ion:149 Resp: 466717

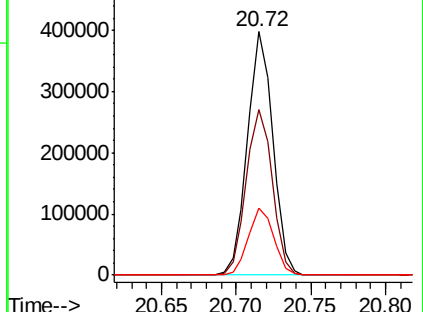
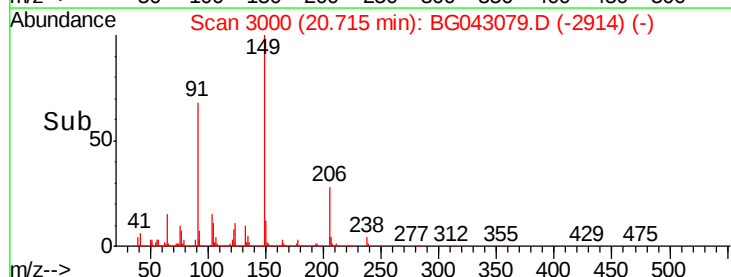
Ion	Ratio	Lower	Upper
149	100		
91	68.1	57.7	86.5
206	27.7	22.6	33.8

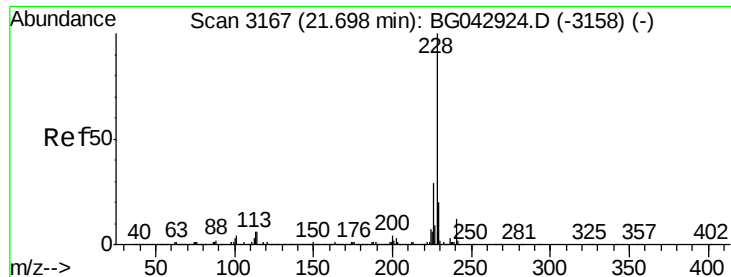


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

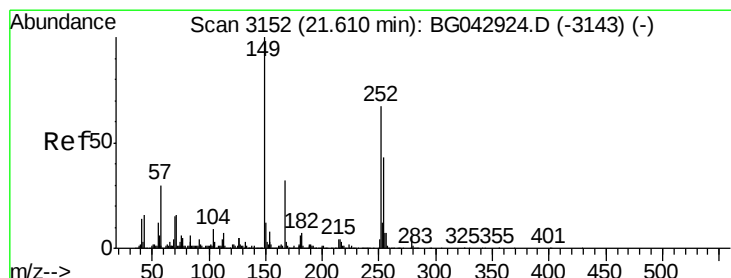
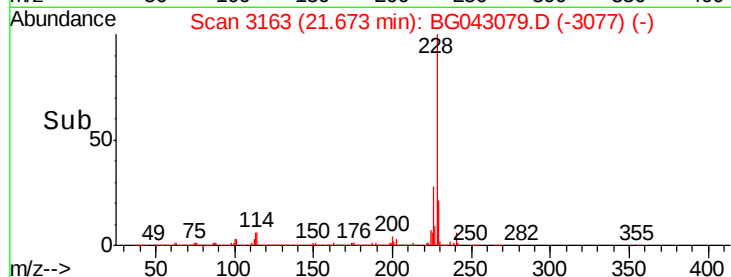
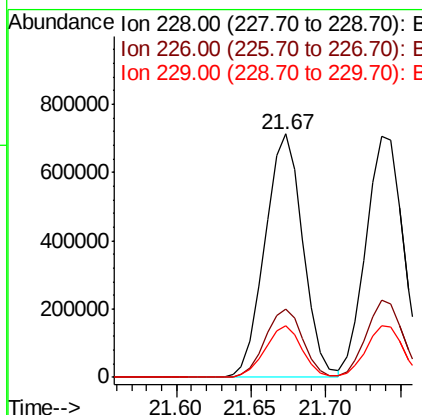
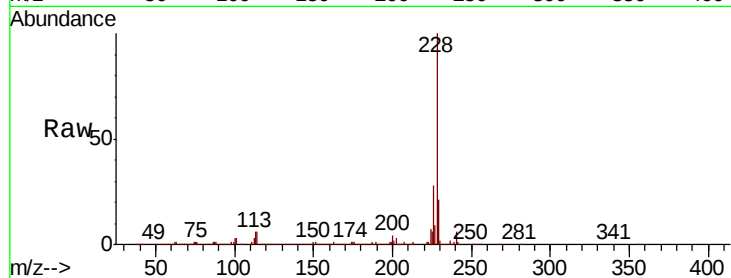




#81
Benzo(a)anthracene
Concen: 48.144 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

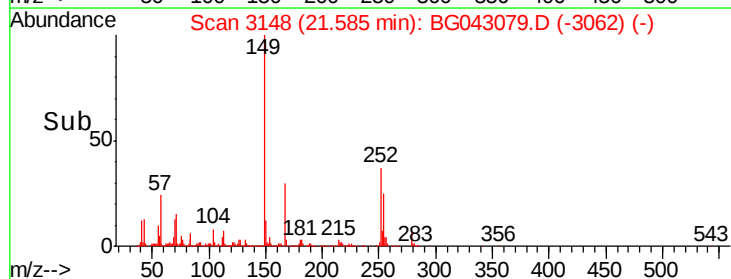
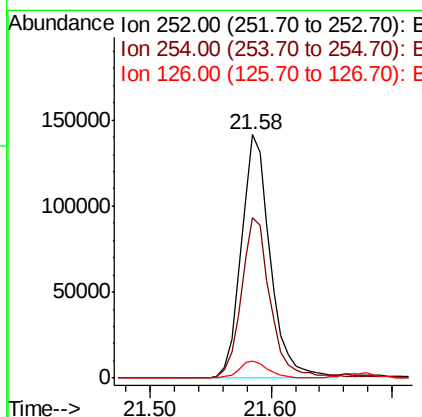
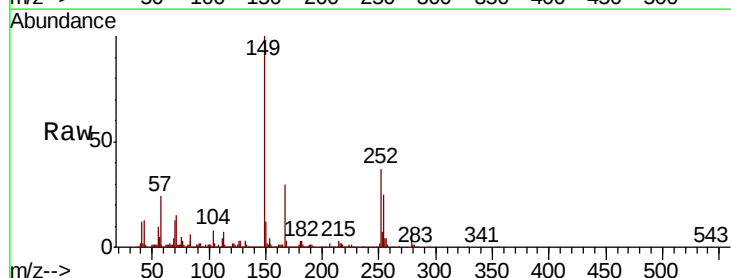
Instrument :
BNA_G
ClientSampleId :
PB123704BSD

Tot Ion:228 Resp: 1260413
Ion Ratio Lower Upper
228 100
226 27.8 23.0 34.4
229 21.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 23.100 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion:252 Resp: 237192
Ion Ratio Lower Upper
252 100
254 66.0 51.9 77.9
126 6.9 6.1 9.1





#83

Chrysene

Concen: 47.736 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

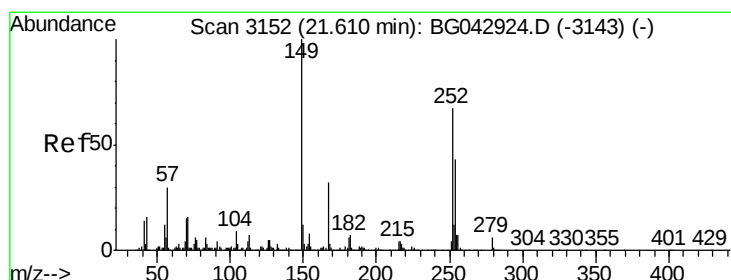
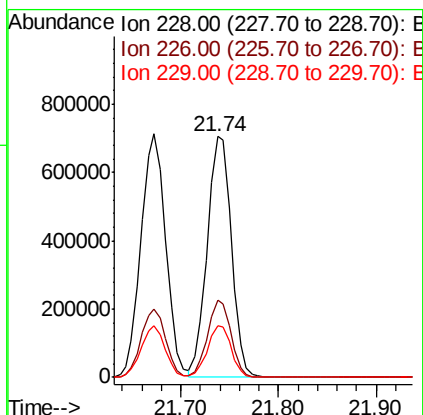
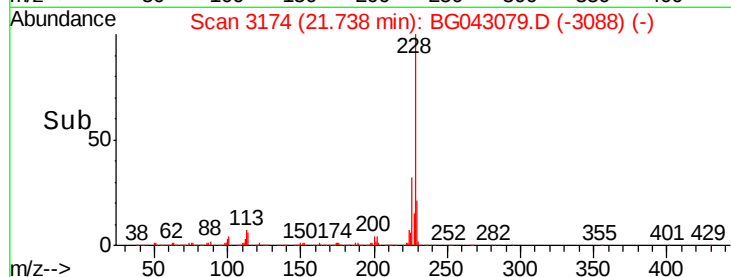
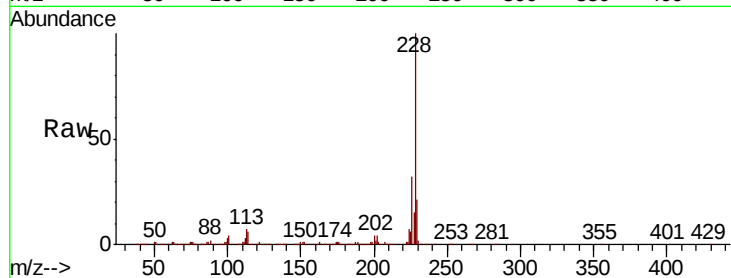
Tot Ion:228 Resp: 1212759

Ion Ratio Lower Upper

228 100

226 32.3 25.6 38.4

229 21.5 16.9 25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.502 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.03 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

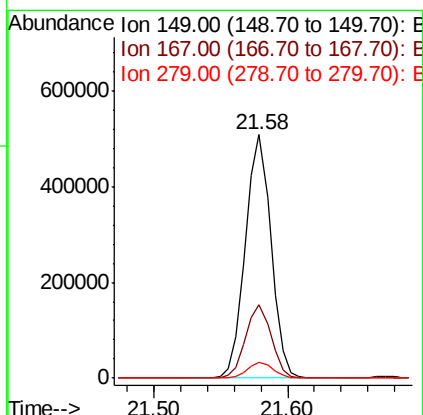
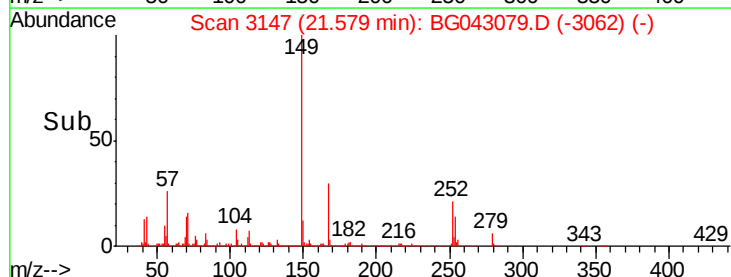
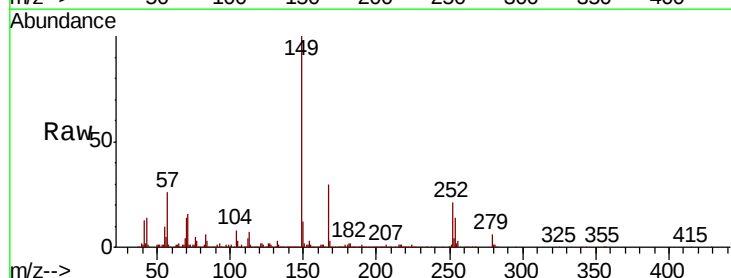
Tgt Ion:149 Resp: 670501

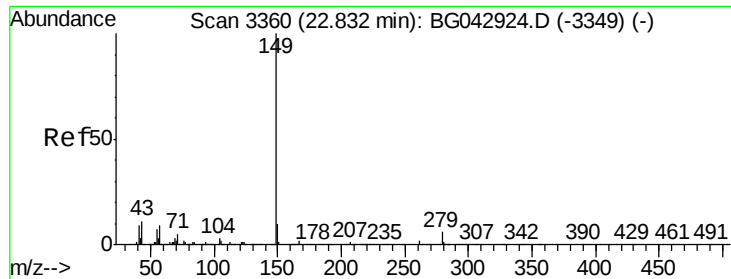
Ion Ratio Lower Upper

149 100

167 30.3 25.4 38.2

279 6.3 5.1 7.7

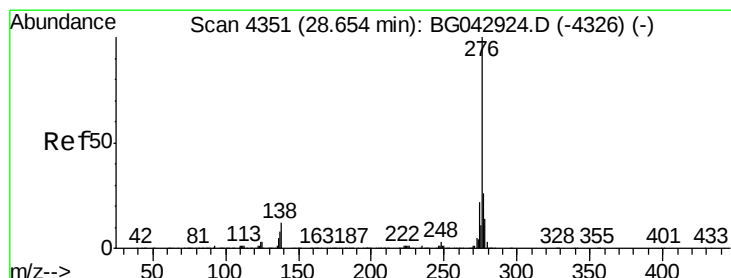
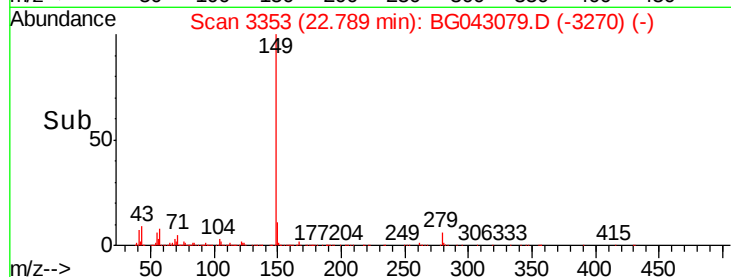
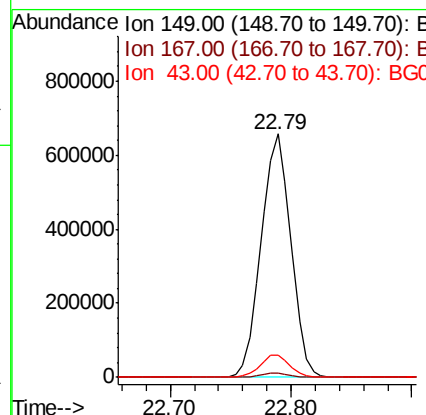
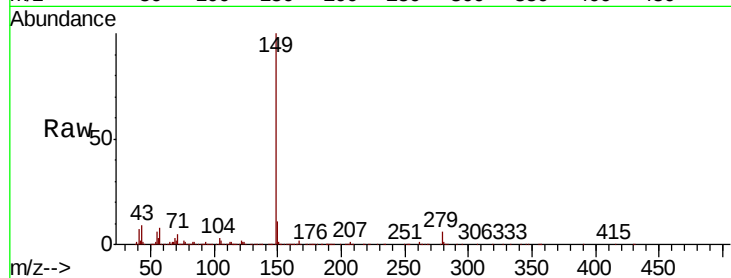




#85
Di-n-octyl phthalate
Concen: 50.510 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.04 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

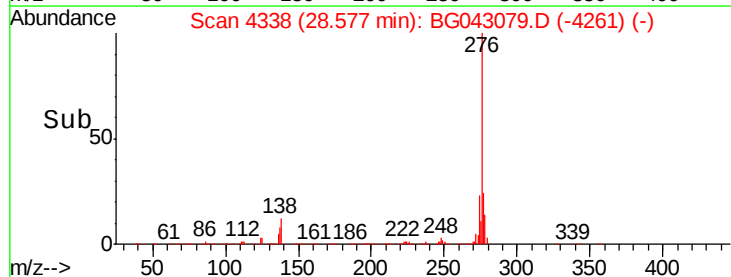
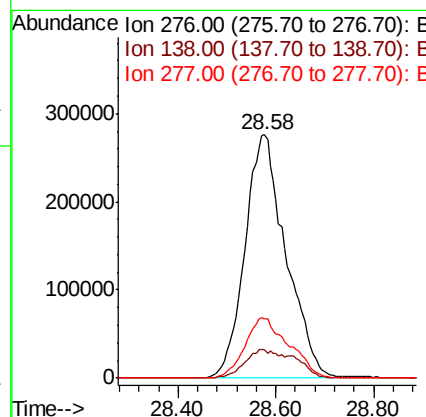
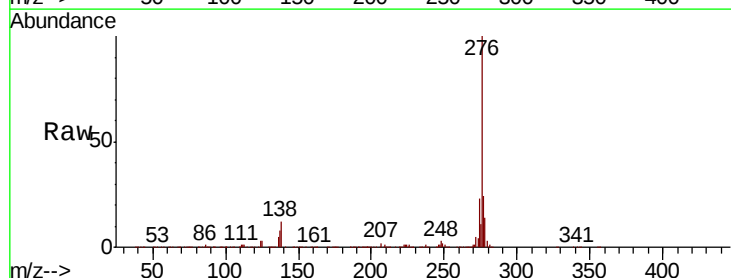
Instrument :
BNA_G
ClientSampleId :
PB123704BSD

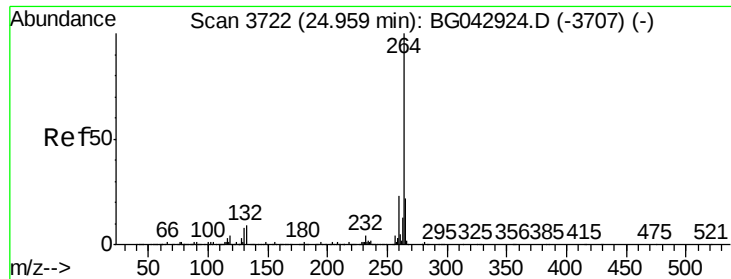
Tot Ion:149 Resp: 1118723
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.1 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.874 ng
RT: 28.58 min Scan# 4338
Delta R.T. -0.08 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion:276 Resp: 1609033
Ion Ratio Lower Upper
276 100
138 10.1 7.0 10.6
277 26.5 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3714

Delta R.T. -0.05 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

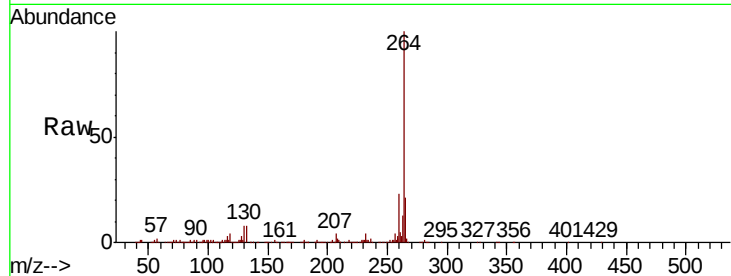
Tot Ion:264 Resp: 498840

Ion Ratio Lower Upper

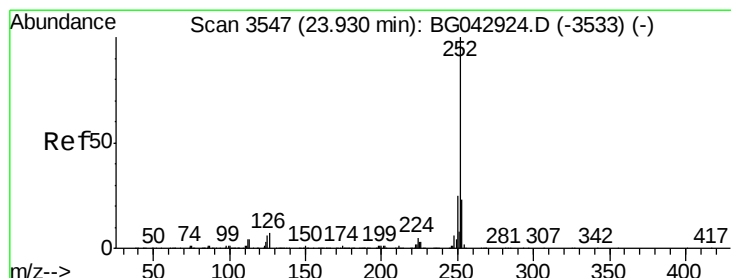
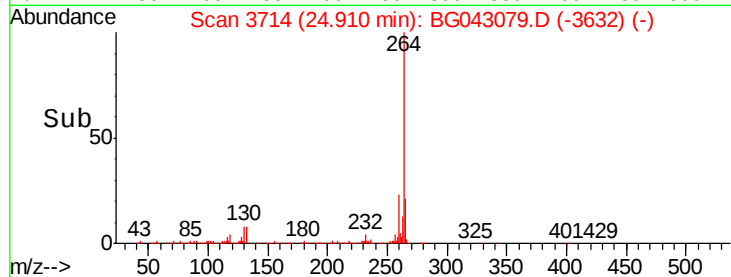
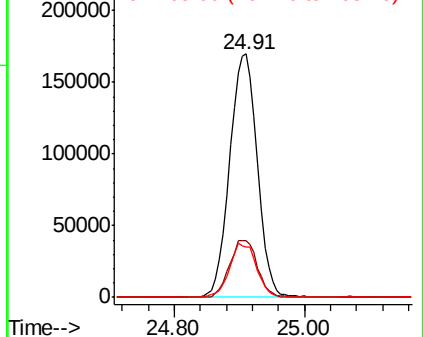
264 100

260 23.3 18.7 28.1

265 20.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.955 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.04 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

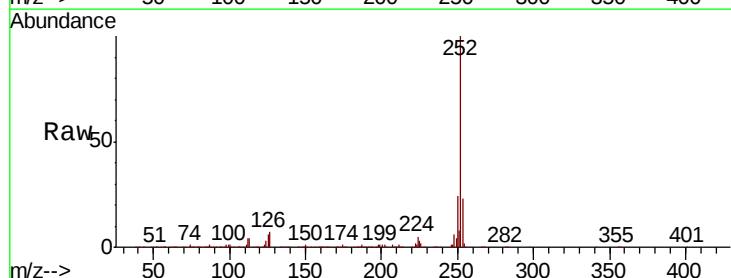
Tgt Ion:252 Resp: 1353564

Ion Ratio Lower Upper

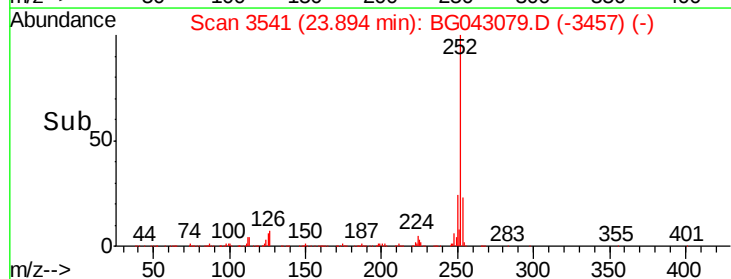
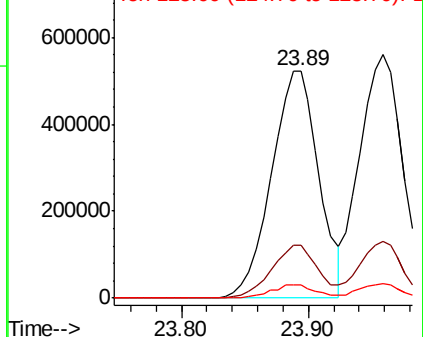
252 100

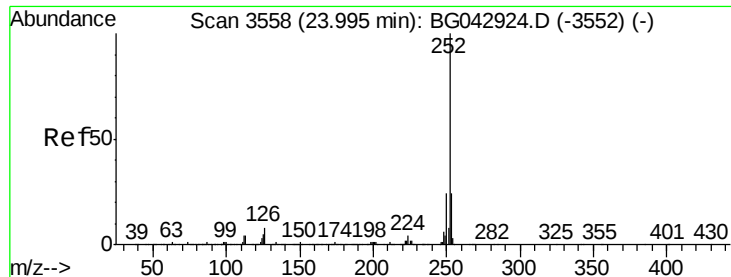
253 23.0 18.2 27.2

125 5.9 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

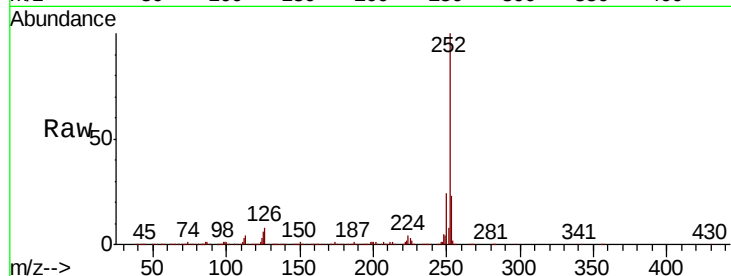




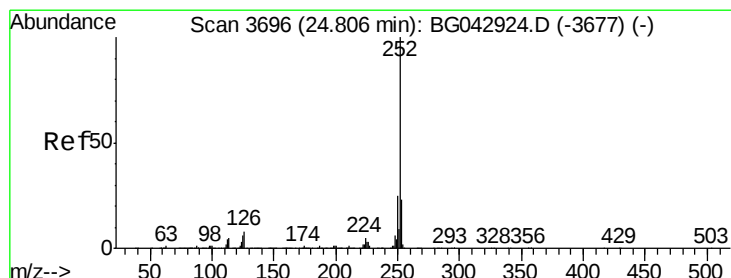
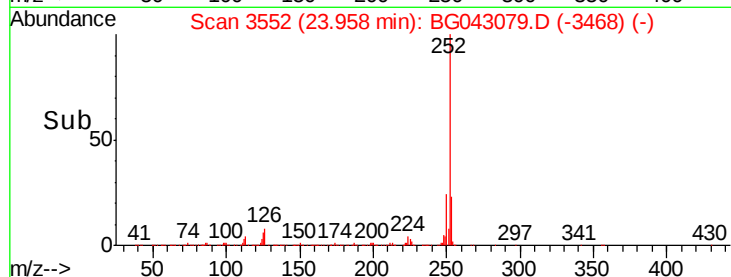
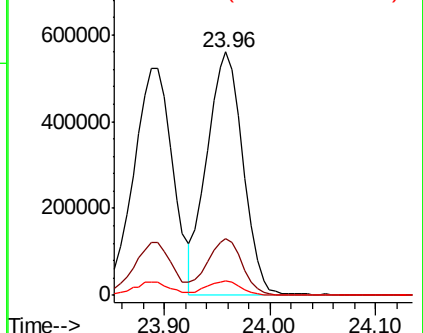
#89
Benzo(k)fluoranthene
Concen: 47.404 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.04 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
PB123704BSD

Tot Ion:252 Resp: 1323651
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 5.7 4.5 6.7

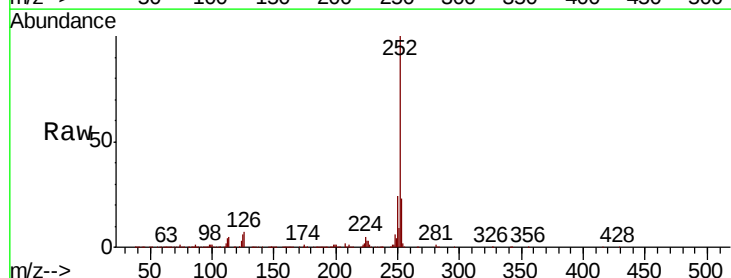


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

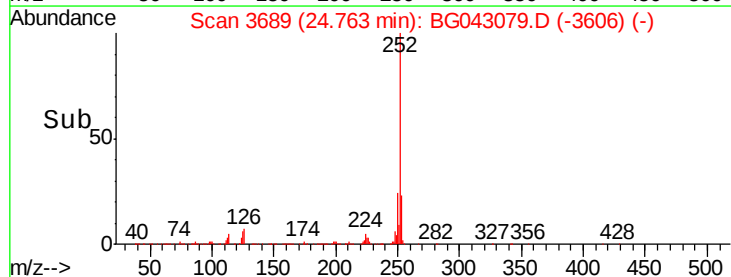
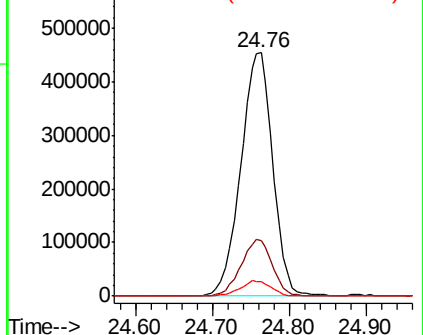


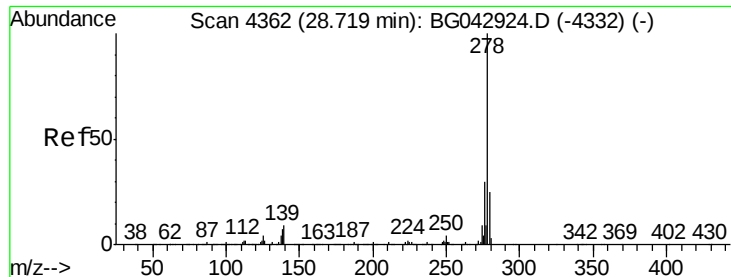
#90
Benzo(a)pyrene
Concen: 49.302 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.04 min
Lab File: BG043079.D
Acq: 7 Oct 2019 22:22

Tgt Ion:252 Resp: 1312912
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 5.9 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.969 ng

RT: 28.64 min Scan# 4348

Delta R.T. -0.08 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

Instrument :

BNA_G

ClientSampleId :

PB123704BSD

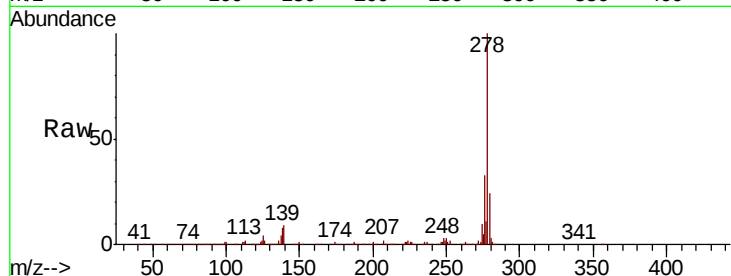
Tot Ion:278 Resp: 1364489

Ion Ratio Lower Upper

278 100

139 9.1 6.8 10.2

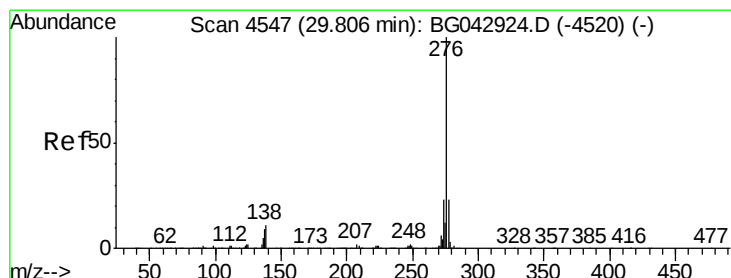
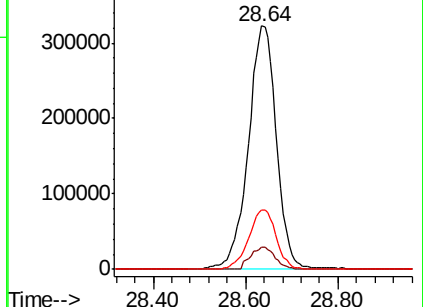
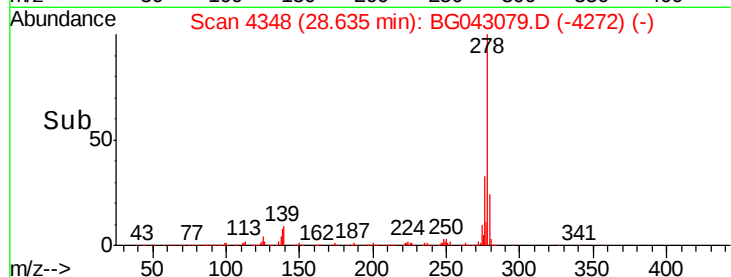
279 24.4 20.1 30.1



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: 50.977 ng

RT: 29.73 min Scan# 4534

Delta R.T. -0.08 min

Lab File: BG043079.D

Acq: 7 Oct 2019 22:22

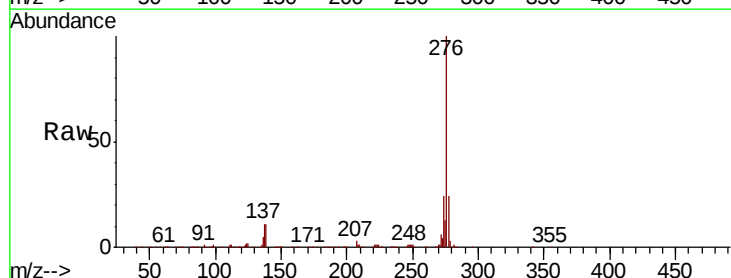
Tgt Ion:276 Resp: 1348763

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 11.5 8.6 12.8



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

