

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042414.D
 Acq On : 22 Aug 2019 23:28
 Operator : HP/JU
 Sample : K4452-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 02:38:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	83108	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	354273	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	223722	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	477565	20.00	ng	0.00
76) Chrysene-d12	21.70	240	465053	20.00	ng	0.00
87) Perylene-d12	24.94	264	573582	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	657076	160.13	ng	0.00
7) Phenol-d6	7.17	99	882012	159.12	ng	0.00
23) Nitrobenzene-d5	9.17	82	520177	101.46	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	407756	128.23	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1192907	90.18	ng	0.00
79) Terphenyl-d14	20.03	244	1845537	85.79	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	69336	40.489 ng	98
3) Pyridine	3.82	79	177963	40.527 ng	95
4) n-Nitrosodimethylamine	3.73	42	70363	44.864 ng	82
6) Aniline	7.32	93	255122	34.508 ng	98
8) 2-Chlorophenol	7.57	128	248287	49.926 ng	97
9) Benzaldehyde	7.13	77	83139	29.960 ng	97
10) Phenol	7.20	94	282399	50.109 ng	96
11) bis(2-Chloroethyl)ether	7.42	93	193962	43.823 ng	98
12) 1,3-Dichlorobenzene	7.89	146	258139	40.803 ng	98
13) 1,4-Dichlorobenzene	8.04	146	278763	43.501 ng	96
14) 1,2-Dichlorobenzene	8.36	146	251860	41.040 ng	99
15) Benzyl Alcohol	8.25	79	183710	46.068 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	267687	44.622 ng	98
17) 2-Methylphenol	8.45	107	195228	47.031 ng	95
18) Hexachloroethane	9.09	117	93512	42.625 ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	167139	46.544 ng	99
20) 3+4-Methylphenols	8.79	107	288628	50.249 ng	99
22) Acetophenone	8.83	105	342920	45.256 ng	99
24) Nitrobenzene	9.22	77	237004	45.653 ng	99
25) Isophorone	9.74	82	430121	42.512 ng	98
26) 2-Nitrophenol	9.93	139	134619	41.379 ng	99
27) 2,4-Dimethylphenol	10.00	122	207710	46.349 ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	276769	43.402 ng	99
29) 2,4-Dichlorophenol	10.48	162	246537	42.047 ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	269836	37.494 ng	99
31) Naphthalene	10.88	128	728957	44.319 ng	99
32) Benzoic acid	10.14	122	85054	29.870 ng	97
33) 4-Chloroaniline	10.98	127	161876	21.319 ng	98
34) Hexachlorobutadiene	11.17	225	173458	35.862 ng	97
35) Caprolactam	11.76	113	80912	41.356 ng	96
36) 4-Chloro-3-methylphenol	12.12	107	235495	42.309 ng	98
37) 2-Methylnaphthalene	12.49	142	542895	41.107 ng	97
38) 1-Methylnaphthalene	12.71	142	532187	42.423 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	315928	43.973 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	289464	76.701	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	209569	43.154	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	230340	45.771	nq	96
46) 1,1'-Biphenyl	13.49	154	695327	48.081	nq	99
47) 2-Chloronaphthalene	13.54	162	549659	44.080	nq	97
48) 2-Nitroaniline	13.74	65	148029	49.229	nq	98
49) Acenaphthylene	14.39	152	848090	45.207	nq	97
50) Dimethylphthalate	14.12	163	936412	58.010	nq	100
51) 2,6-Dinitrotoluene	14.23	165	176292	47.116	nq	95
52) Acenaphthene	14.73	154	510519	44.816	nq	99
53) 3-Nitroaniline	14.57	138	134923	36.056	nq	95
54) 2,4-Dinitrophenol	14.78	184	93359	40.379	nq	95
55) Dibenzofuran	15.06	168	898689	47.660	nq	98
56) 4-Nitrophenol	14.89	139	300875	113.154	nq	93
57) 2,4-Dinitrotoluene	15.03	165	248026	46.291	nq	96
58) Fluorene	15.71	166	731523	47.459	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	227918	45.797	nq	# 88
60) Diethylphthalate	15.48	149	659260	41.778	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	413869	44.542	nq	99
62) 4-Nitroaniline	15.73	138	188539	47.077	nq	97
63) Azobenzene	16.00	77	555455	51.370	nq	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	82608	27.590	nq	97
66) n-Nitrosodiphenylamine	15.92	169	628602	47.863	nq	97
67) 4-Bromophenyl-phenylether	16.60	248	274039	45.239	nq	97
68) Hexachlorobenzene	16.72	284	275665	41.862	nq	# 93
69) Atrazine	16.87	200	234074	50.400	nq	99
70) Pentachlorophenol	17.07	266	280379	81.946	nq	98
71) Phenanthrene	17.46	178	1131997	47.720	nq	97
72) Anthracene	17.55	178	1142657	48.252	nq	98
73) Carbazole	17.82	167	1013580	48.024	nq	98
74) Di-n-butylphthalate	18.38	149	1247781	50.014	nq	98
75) Fluoranthene	19.47	202	1336918	46.180	nq	97
77) Benzidine	19.64	184	561956	42.147	nq	99
78) Pyrene	19.83	202	1366245	47.918	nq	97
80) Butylbenzylphthalate	20.71	149	606470	54.079	nq	97
81) Benzo(a)anthracene	21.67	228	1347703	47.639	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	349481	30.716	nq	# 99
83) Chrysene	21.74	228	1285571	47.119	nq	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	787225	50.558	nq	99
85) Di-n-octyl phthalate	22.79	149	1408285	52.587	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1821664	49.132	nq	# 97
88) Benzo(b)fluoranthene	23.91	252	1498627	47.525	nq	# 97
89) Benzo(k)fluoranthene	23.98	252	1458106	48.106	nq	# 97
90) Benzo(a)pyrene	24.79	252	1452905	48.556	nq	# 97
91) Dibenzo(a,h)anthracene	28.71	278	1492940	49.277	nq	# 96
92) Benzo(g,h,i)perylene	29.80	276	1510351	49.844	nq	# 96

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

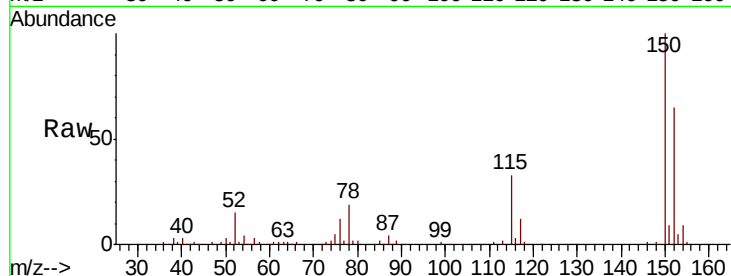


#1

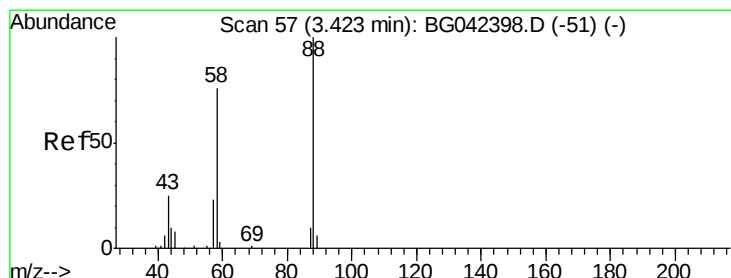
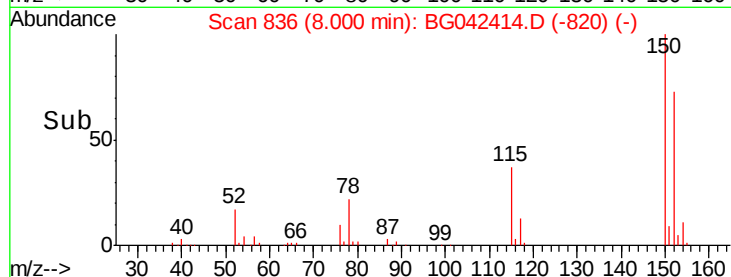
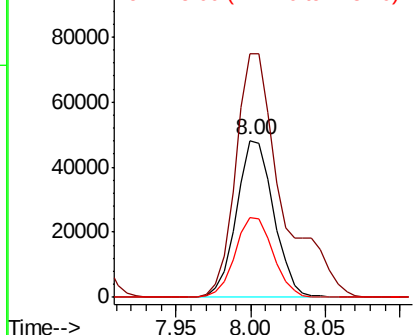
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 83108
Ion Ratio Lower Upper
152 100
150 155.0 125.4 188.0
115 51.1 38.5 57.7



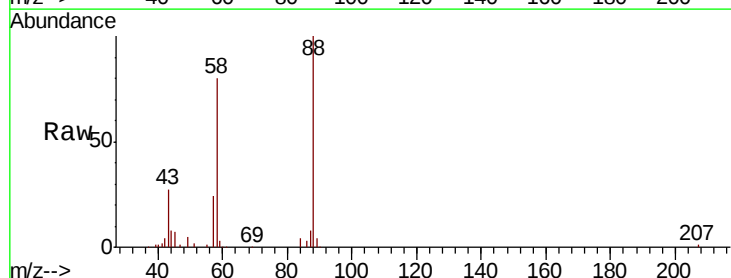
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



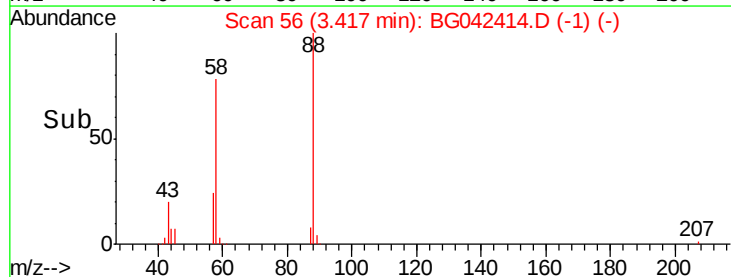
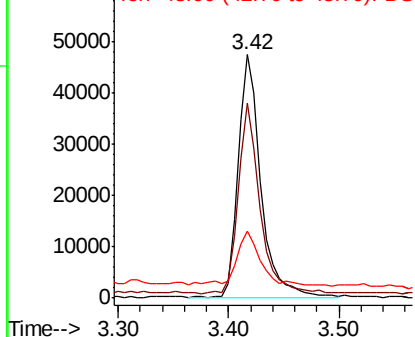
#2

1,4-Dioxane
Concen: 40.489 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Tgt Ion: 88 Resp: 69336
Ion Ratio Lower Upper
88 100
58 73.8 58.3 87.5
43 23.4 20.2 30.2



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: 40.527 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

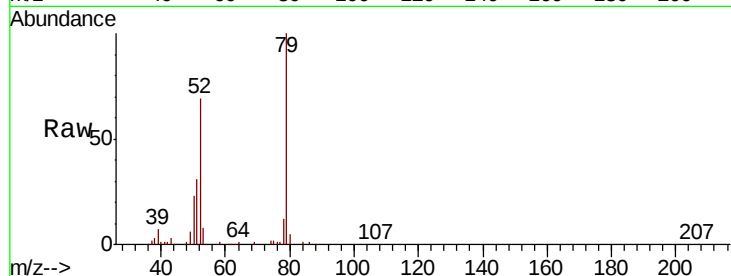
Tot Ion: 79 Resp: 177963

Ion Ratio Lower Upper

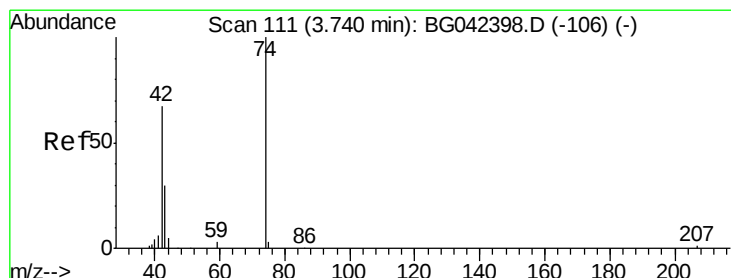
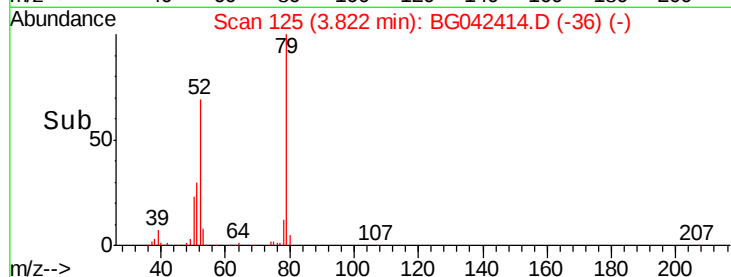
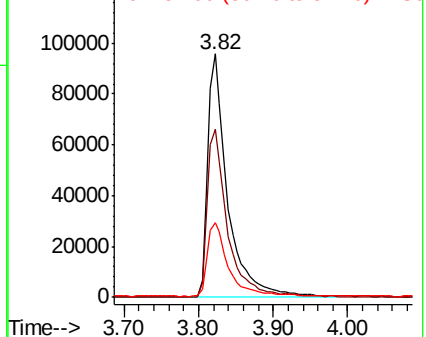
79 100

52 69.1 57.7 86.5

51 30.8 28.8 43.2



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: 44.864 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

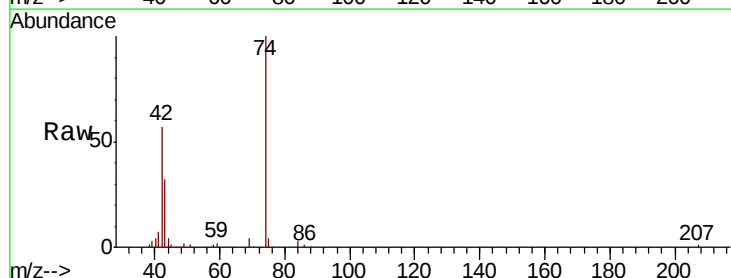
Tgt Ion: 42 Resp: 70363

Ion Ratio Lower Upper

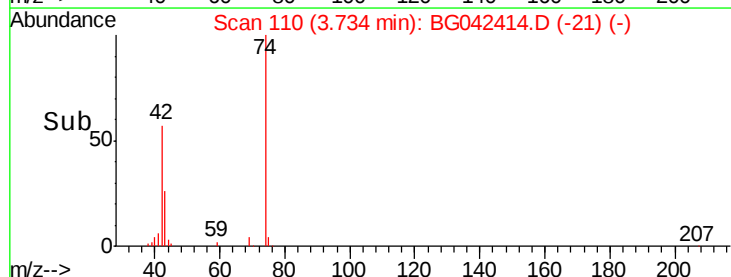
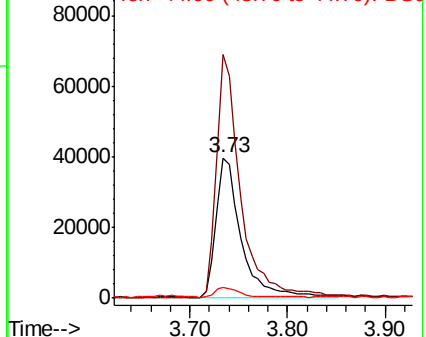
42 100

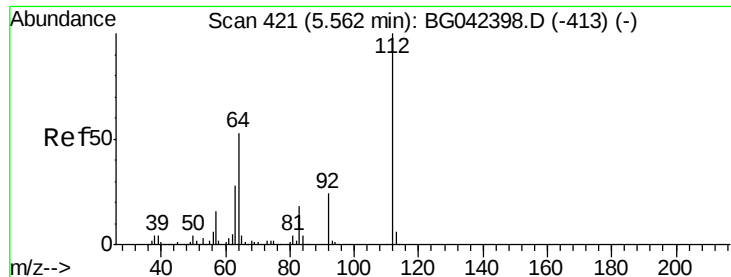
74 174.0 119.6 179.4

44 7.5 6.5 9.7



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: 160.125 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampled :

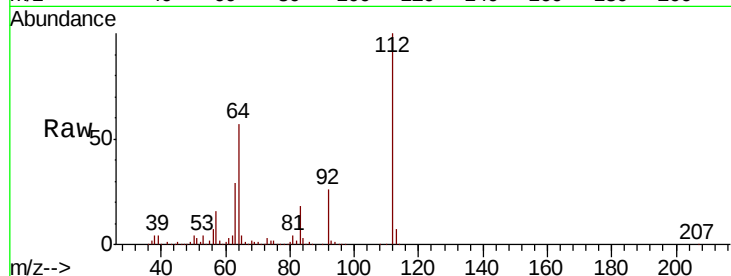
Tot Ion:112 Resp: 657076

Ion Ratio Lower Upper

112 100

64 57.3 42.8 64.2

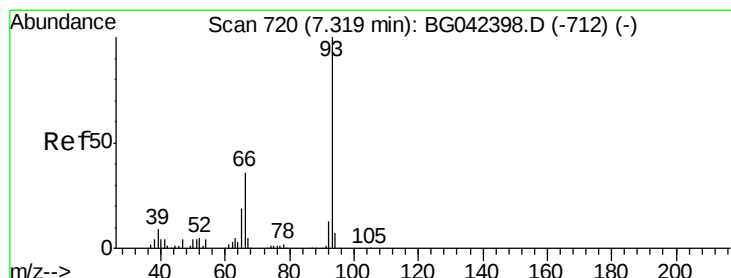
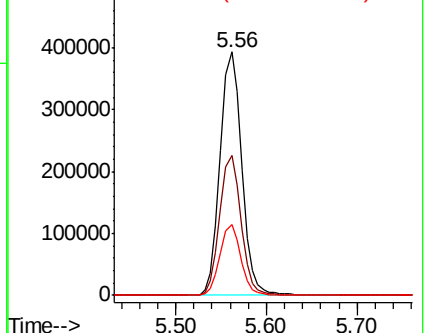
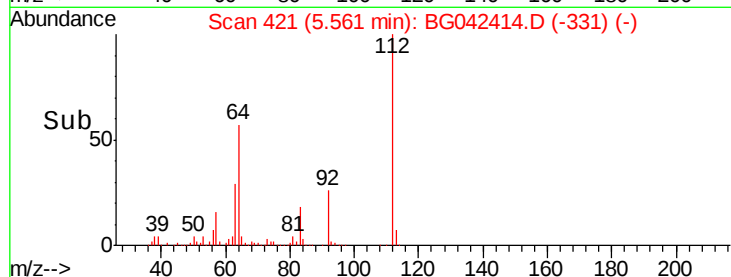
63 29.2 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.508 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.01 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

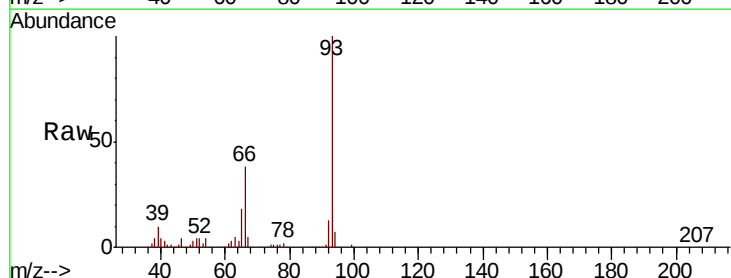
Tgt Ion: 93 Resp: 255122

Ion Ratio Lower Upper

93 100

66 38.0 29.0 43.6

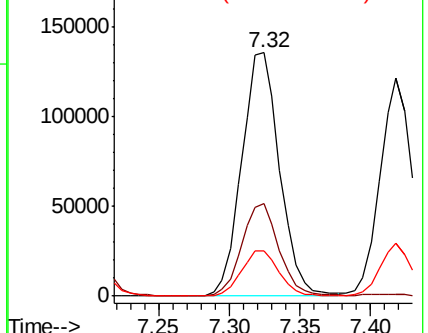
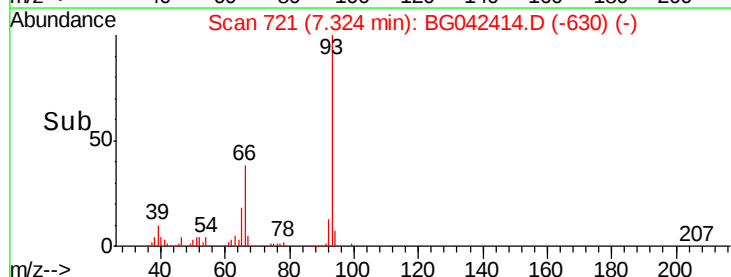
65 18.5 15.2 22.8



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: 159.124 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

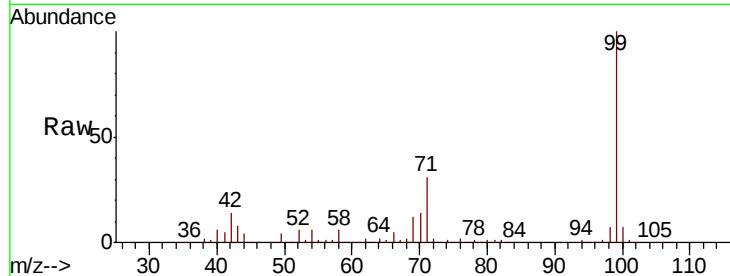
Tot Ion: 99 Resp: 882012

Ion Ratio Lower Upper

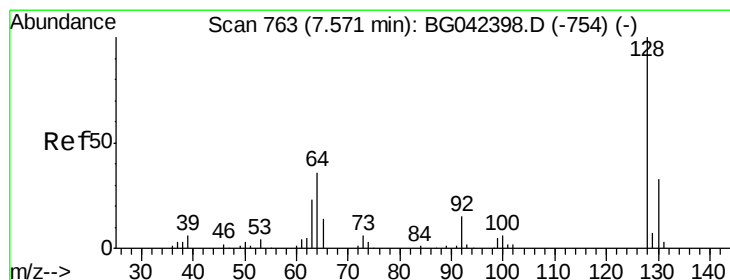
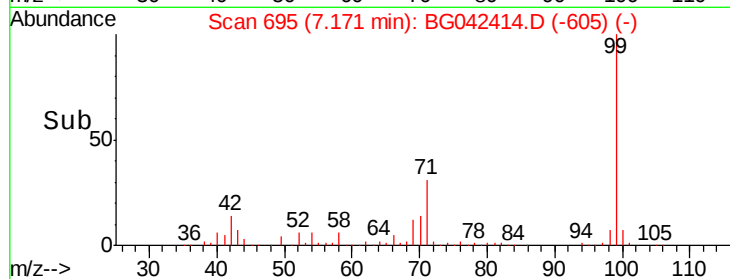
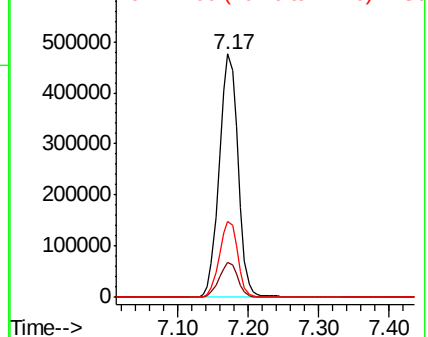
99 100

42 14.4 12.0 18.0

71 30.9 26.3 39.5



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: 49.926 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

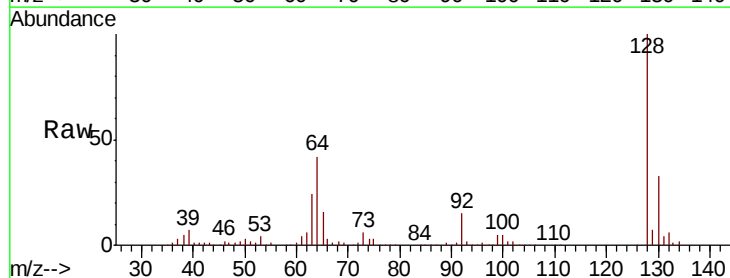
Tgt Ion: 128 Resp: 248287

Ion Ratio Lower Upper

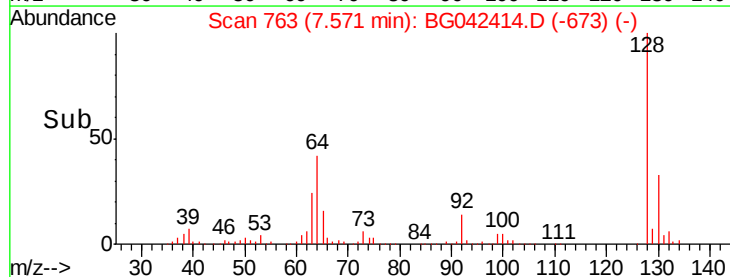
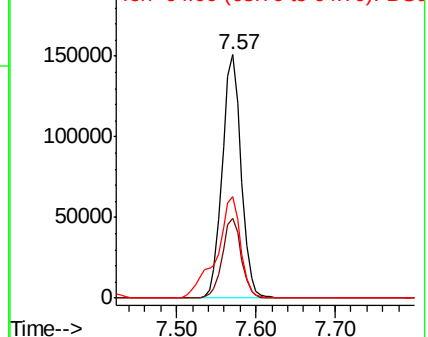
128 100

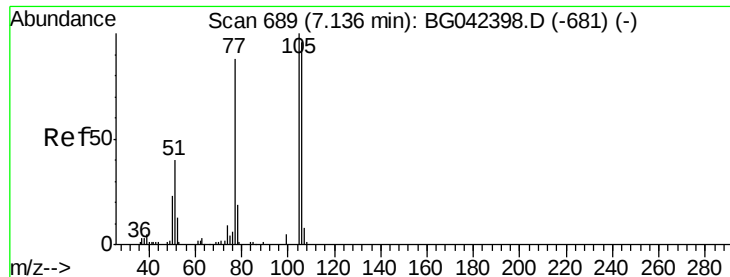
130 33.0 12.8 52.8

64 41.9 19.2 59.2



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





#9

Benzaldehyde

Concen: 29.960 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

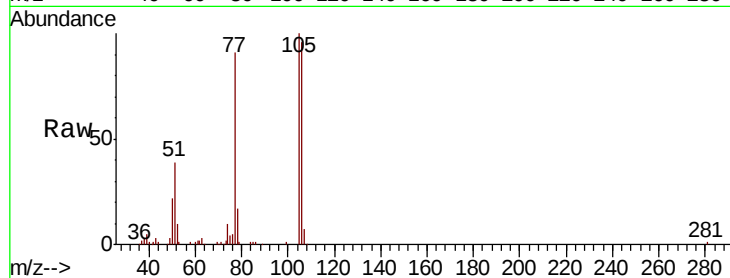
Tot Ion: 77 Resp: 83139

Ion Ratio Lower Upper

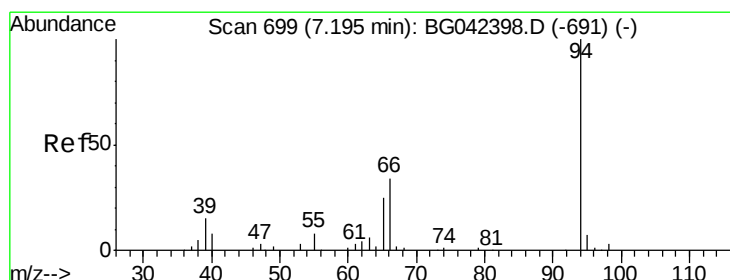
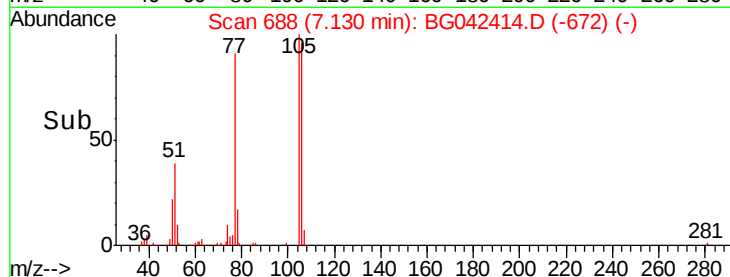
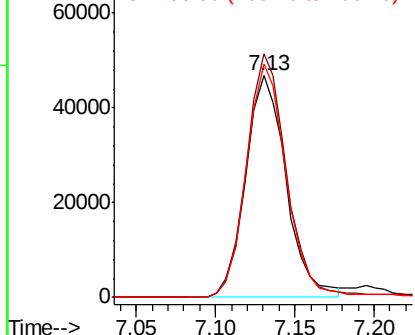
77 100

105 109.8 93.4 133.4

106 105.2 88.4 128.4



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: 50.109 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

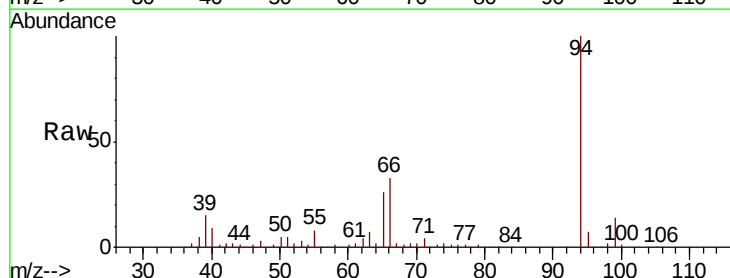
Tgt Ion: 94 Resp: 282399

Ion Ratio Lower Upper

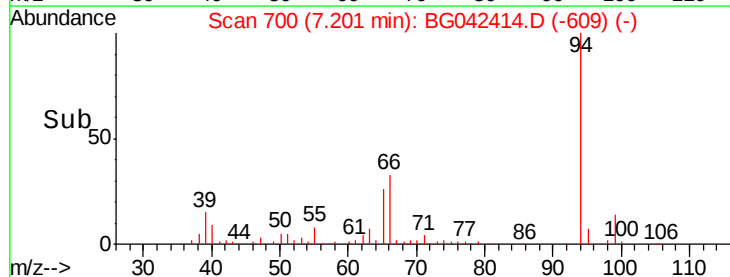
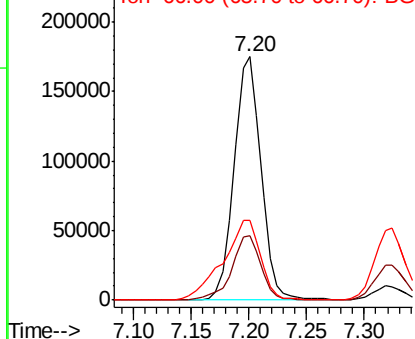
94 100

65 26.4 5.6 45.6

66 32.8 16.0 56.0



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

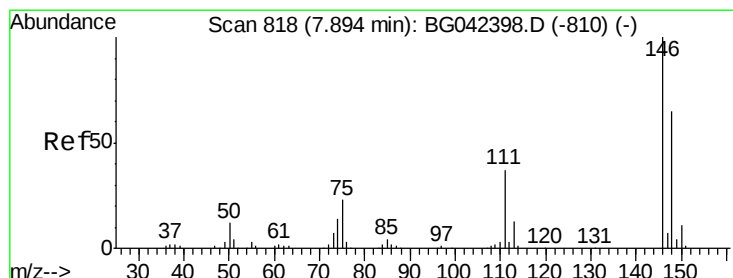
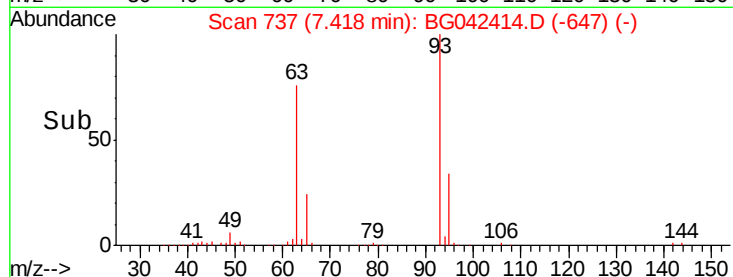
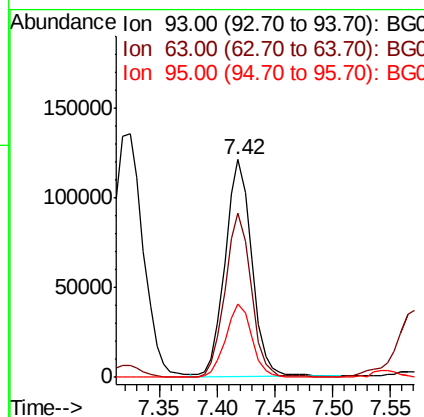
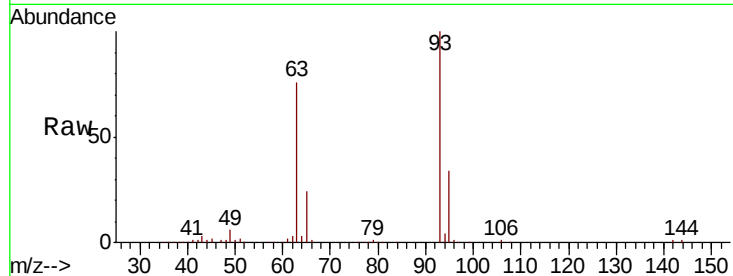




#11
 bis(2-Chloroethyl)ether
 Concen: 43.823 ng
 RT: 7.42 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

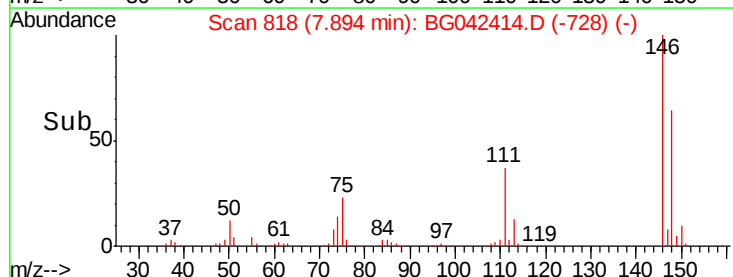
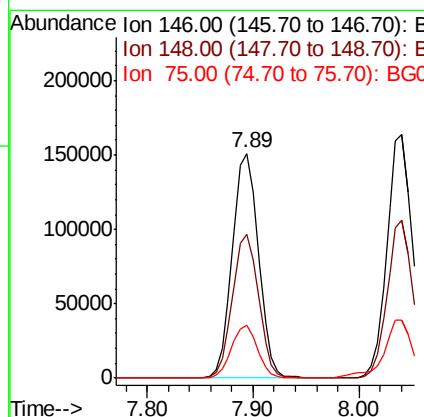
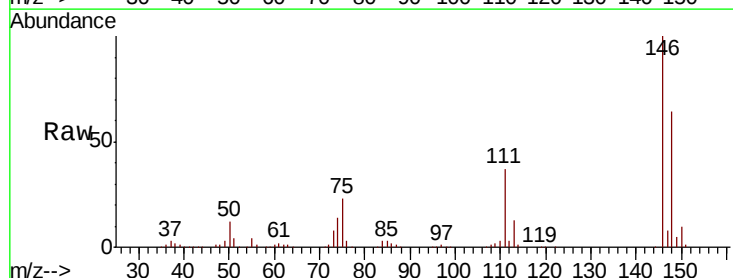
Instrument :
 BNA_G
 ClientSampleId :

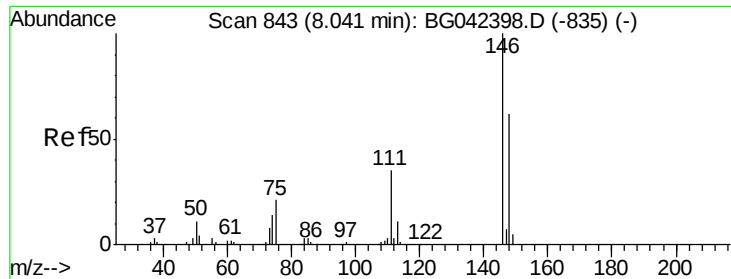
Tot Ion	93	Resp	193962
Ion Ratio	Lower	Upper	
93	100		
63	75.6	53.8	93.8
95	33.8	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 40.803 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion	146	Resp	258139
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.2	78.2
75	23.5	18.0	27.0

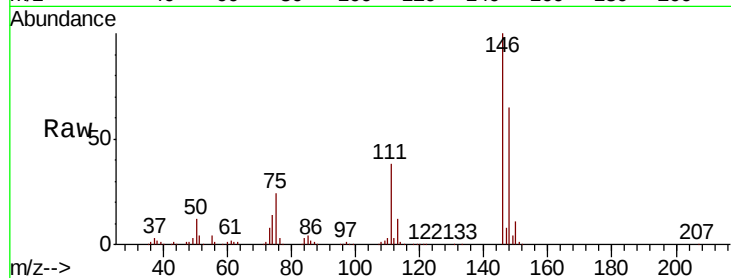




#13
 1,4-Dichlorobenzene
 Concen: 43.501 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.5	74.3
111	37.9	28.1	42.1

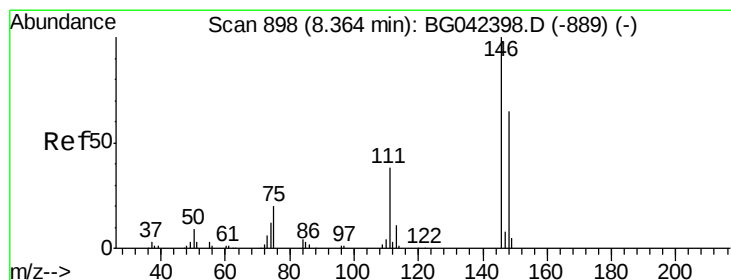
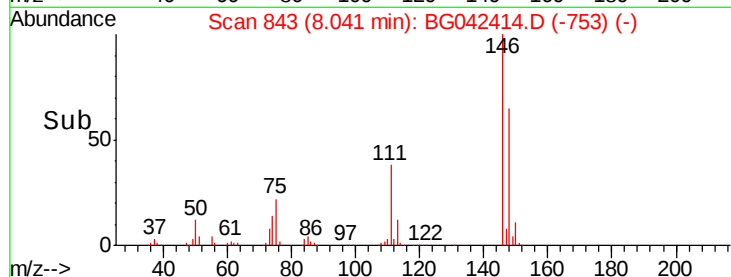
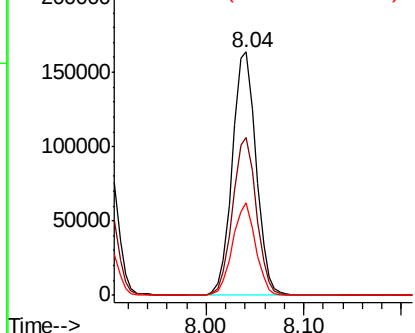


Abundance

Ion 146.00 (145.70 to 146.70): E

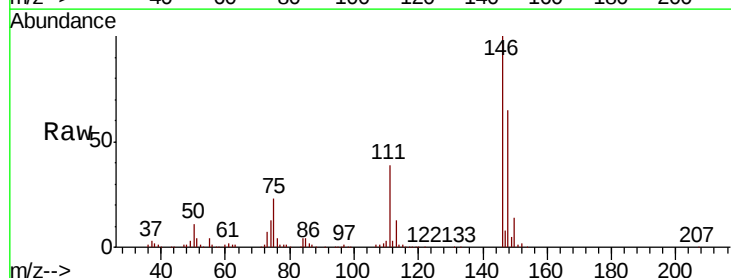
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.040 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.6
111	39.1	30.9	46.3

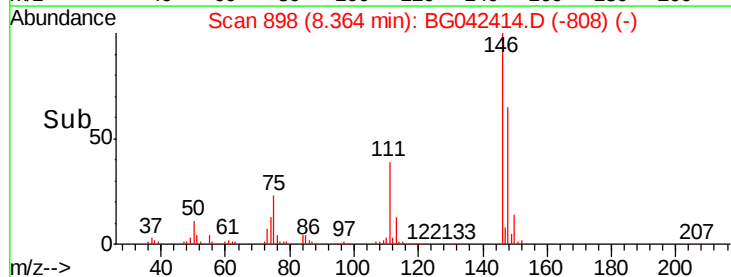
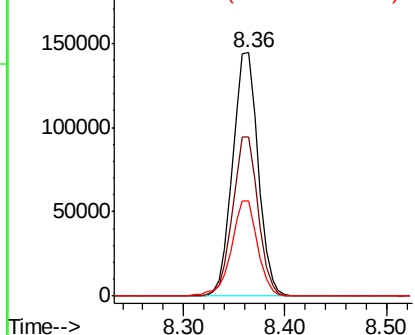


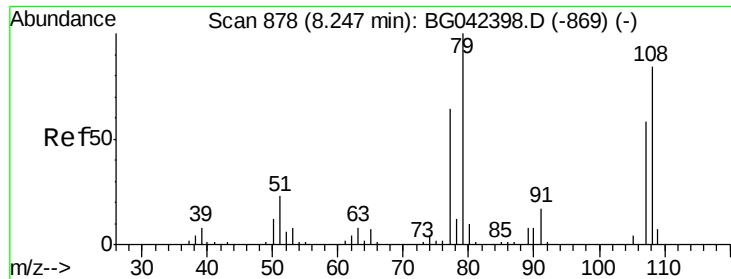
Abundance

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: 46.068 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampled :

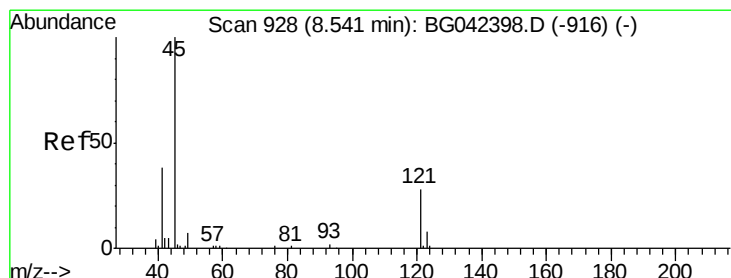
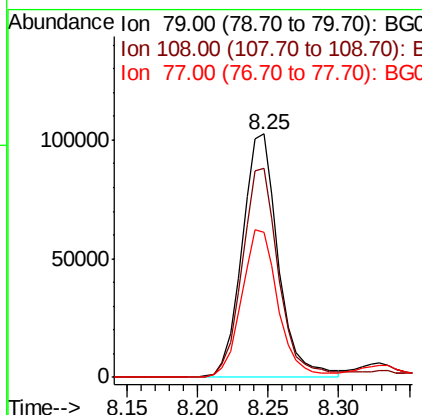
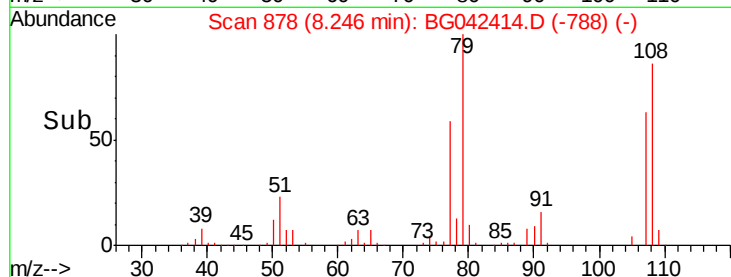
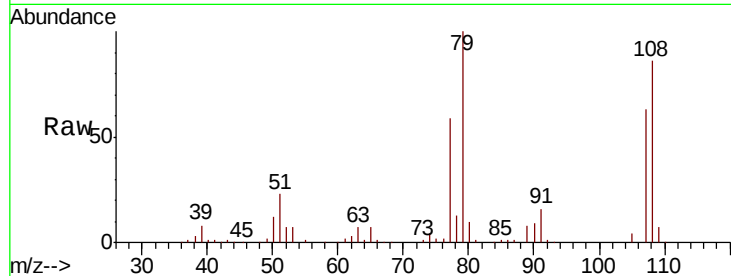
Tot Ion: 79 Resp: 183710

Ion Ratio Lower Upper

79 100

108 86.1 67.4 101.2

77 59.5 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.622 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

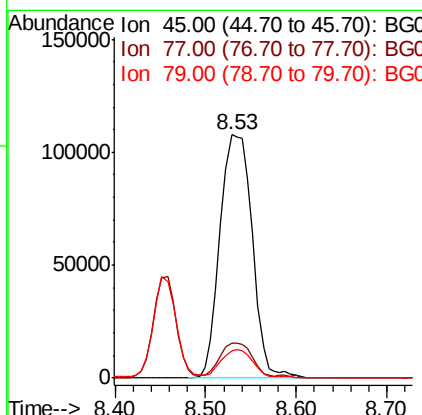
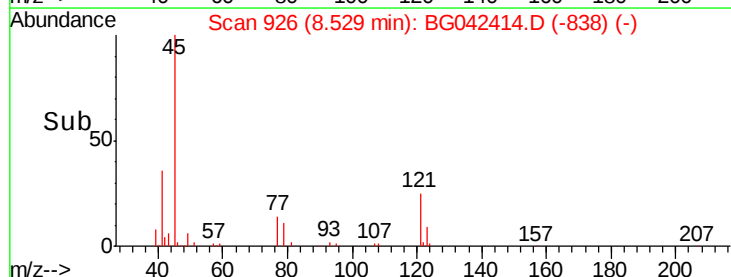
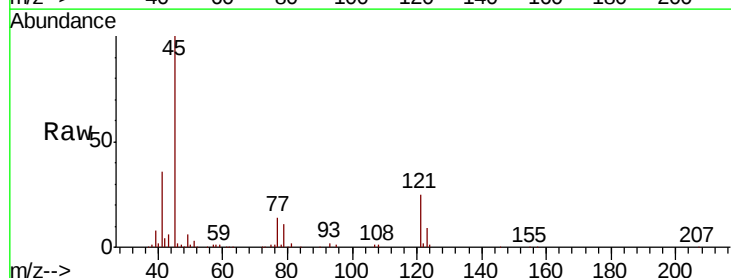
Tgt Ion: 45 Resp: 267687

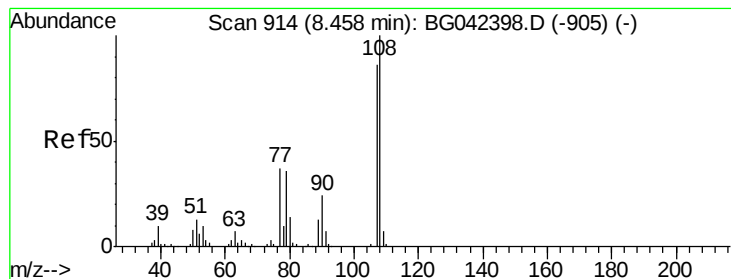
Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.6

79 11.1 0.0 31.6





#17

2-Methylphenol

Concen: 47.031 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 195228

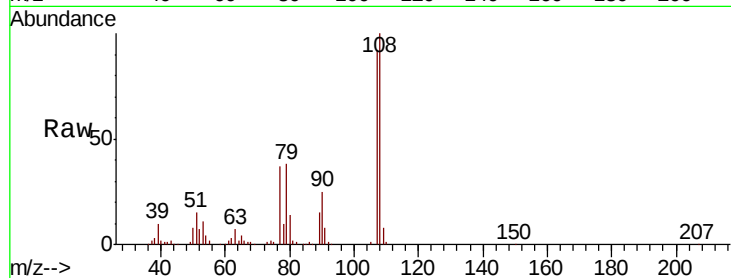
Ion Ratio Lower Upper

107 100

108 108.6 92.9 139.3

77 40.3 34.4 51.6

79 41.1 33.8 50.6

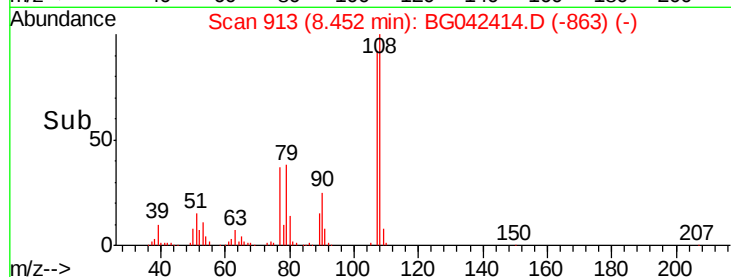


Abundance Ion 107.00 (106.70 to 107.70): E

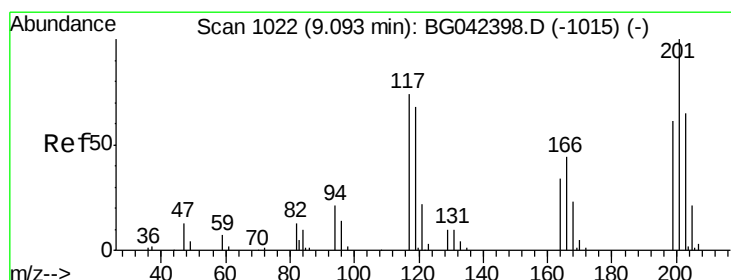
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 42.625 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

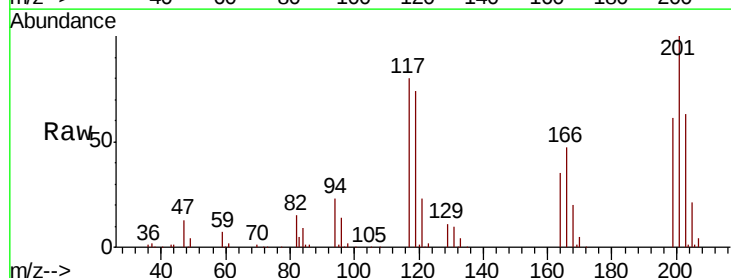
Tgt Ion:117 Resp: 93512

Ion Ratio Lower Upper

117 100

119 92.6 73.8 110.8

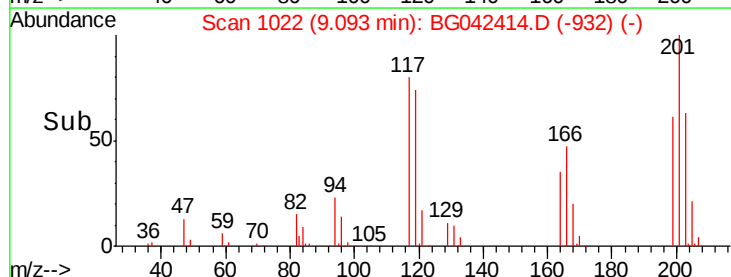
201 124.6 108.3 162.5



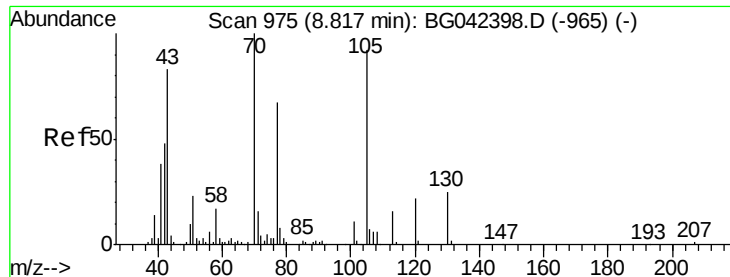
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 46.544 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 167139

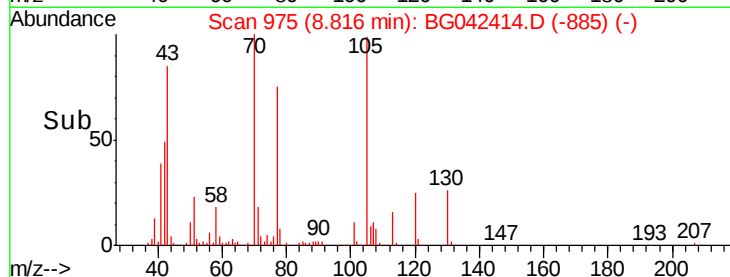
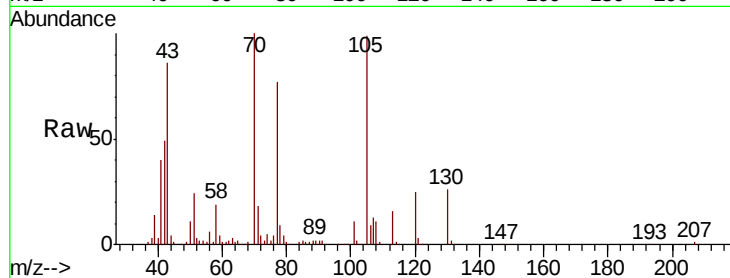
Ion Ratio Lower Upper

70 100

42 48.7 38.8 58.2

101 11.3 9.0 13.6

130 26.5 20.0 30.0

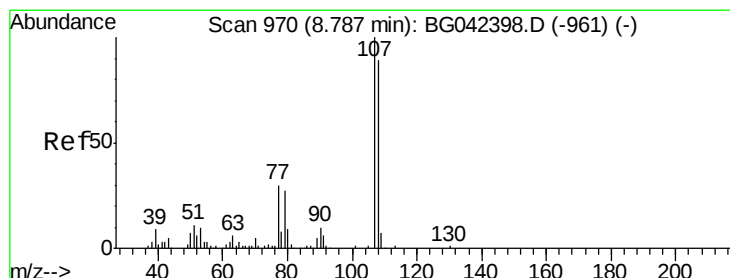
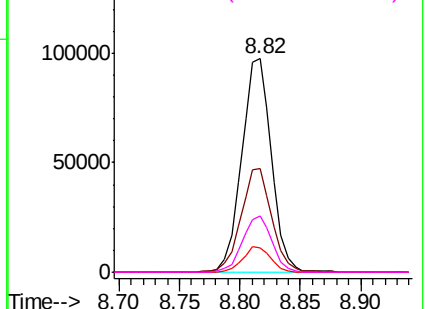


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 50.249 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Tgt Ion:107 Resp: 288628

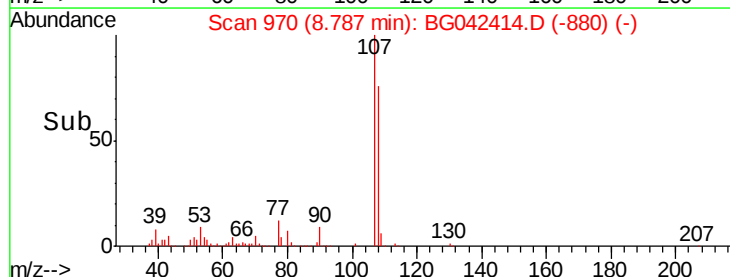
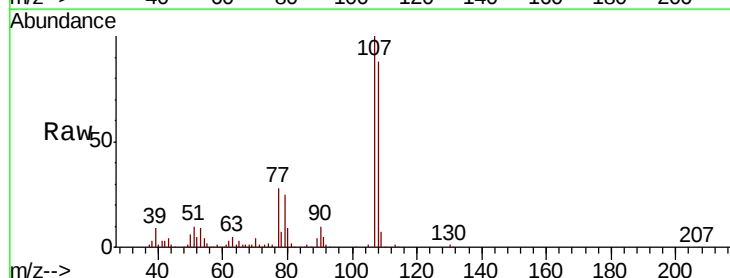
Ion Ratio Lower Upper

107 100

108 88.5 68.7 108.7

77 28.3 10.2 50.2

79 25.2 6.9 46.9

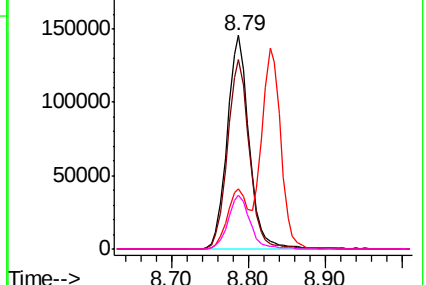


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 354273

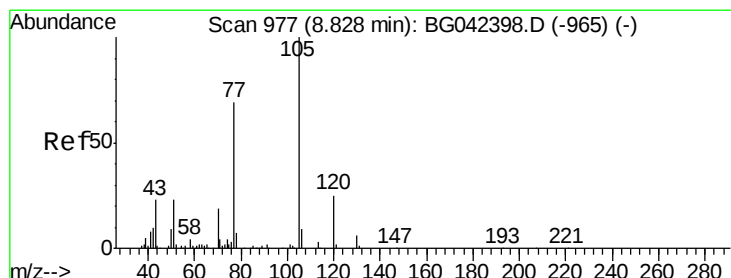
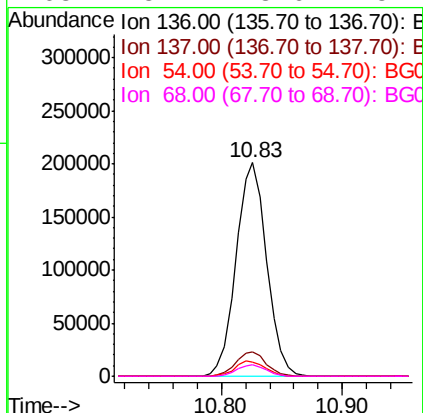
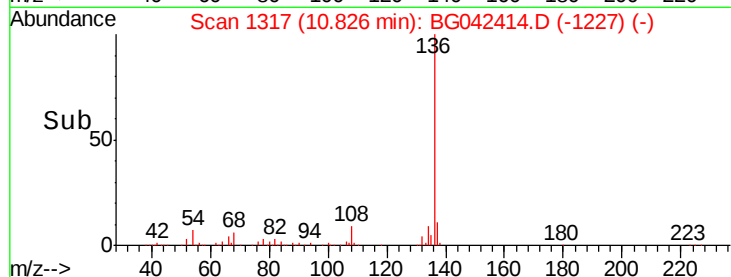
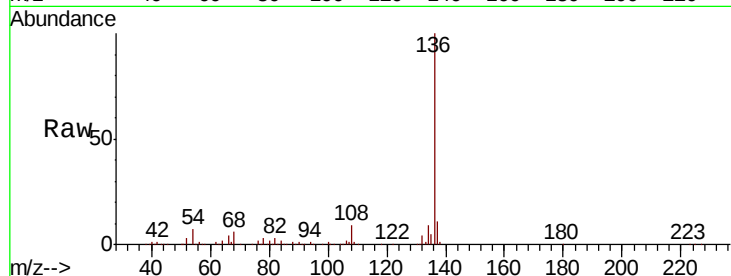
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.9 4.9 7.3

68 5.7 3.6 5.4#



#22

Acetophenone

Concen: 45.256 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Tgt Ion:105 Resp: 342920

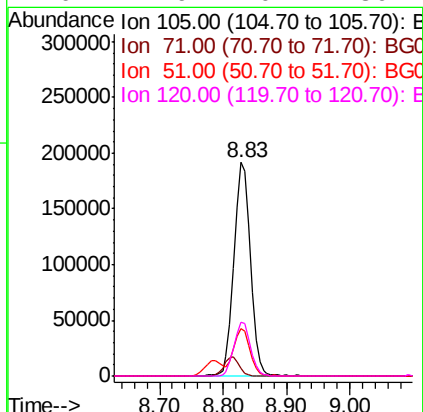
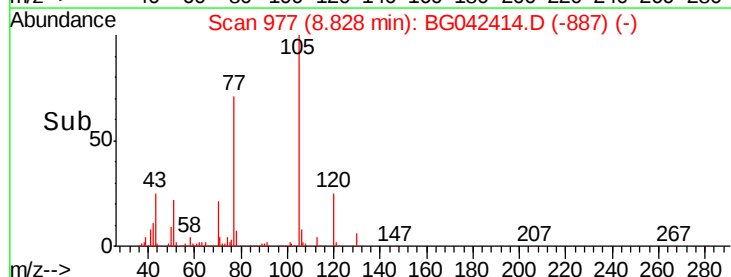
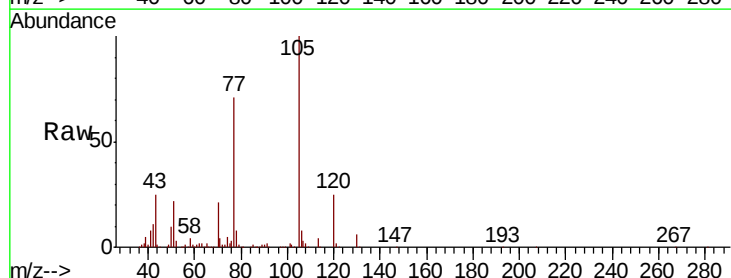
Ion Ratio Lower Upper

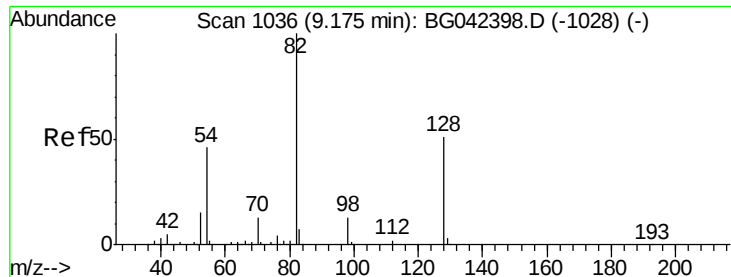
105 100

71 3.6 2.8 4.2

51 22.2 18.7 28.1

120 24.9 20.1 30.1

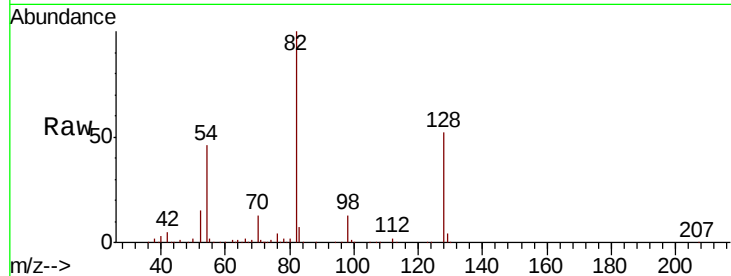




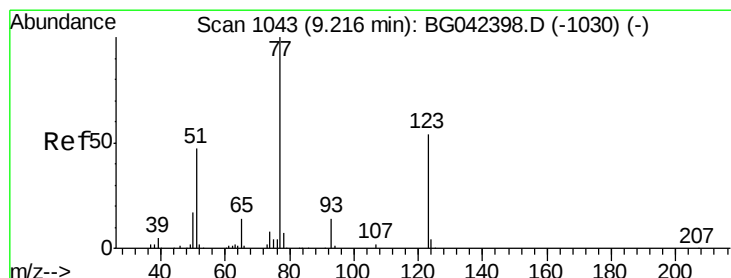
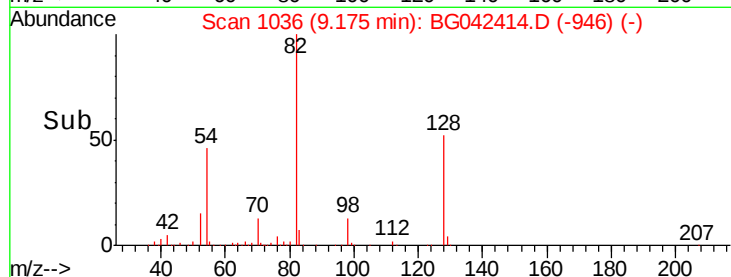
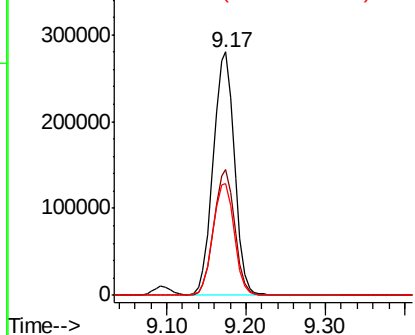
#23
 Nitrobenzene-d5
 Concen: 101.465 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	520177
Ion Ratio	Lower	Upper	
82	100		
128	51.9	40.7	61.1
54	45.7	36.3	54.5

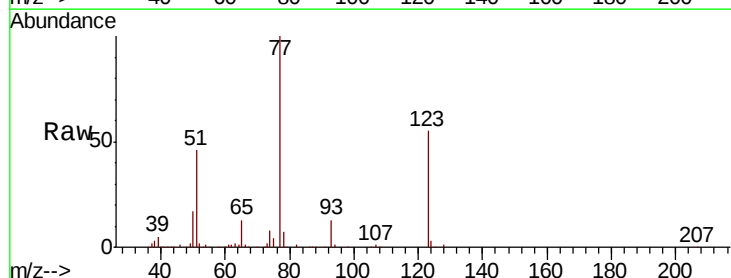


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

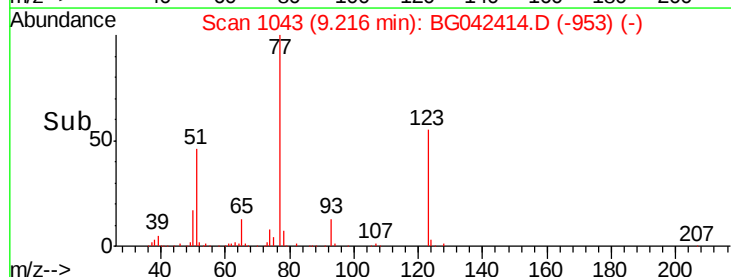
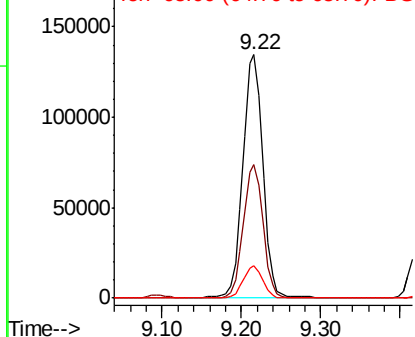


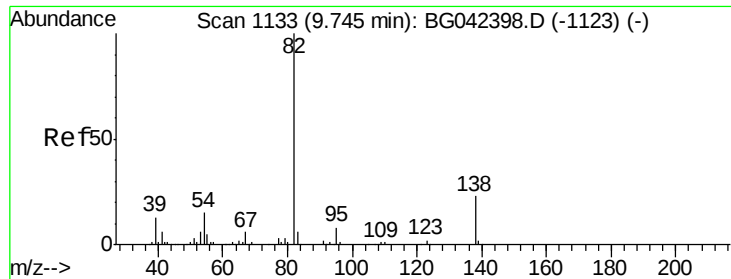
#24
 Nitrobenzene
 Concen: 45.653 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion	77	Resp	237004
Ion Ratio	Lower	Upper	
77	100		
123	54.9	43.4	65.0
65	13.1	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

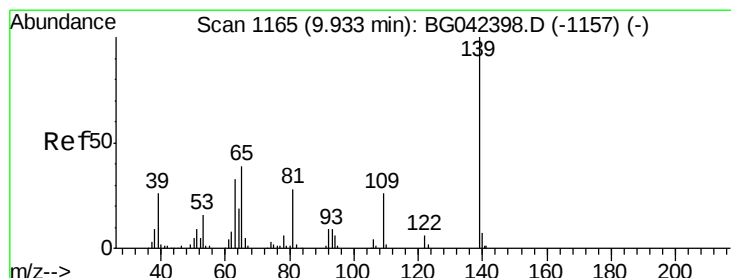
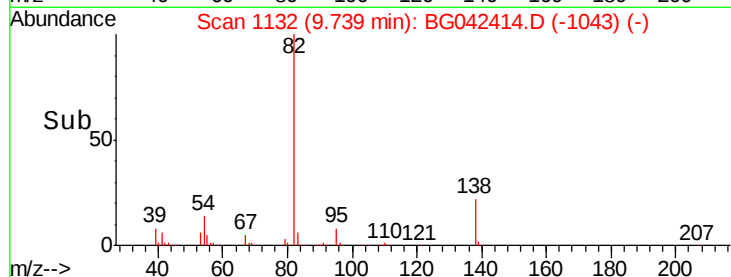
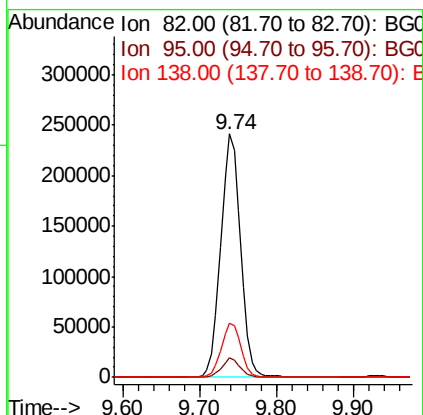
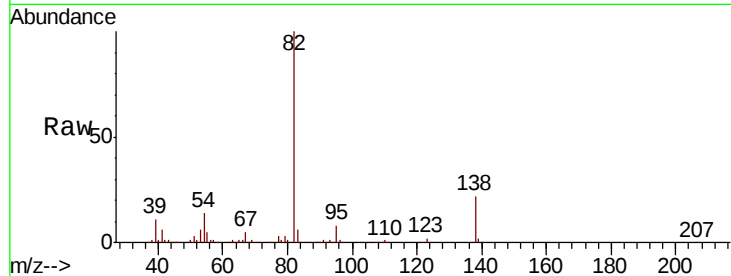




#25
Isophorone
Concen: 42.512 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

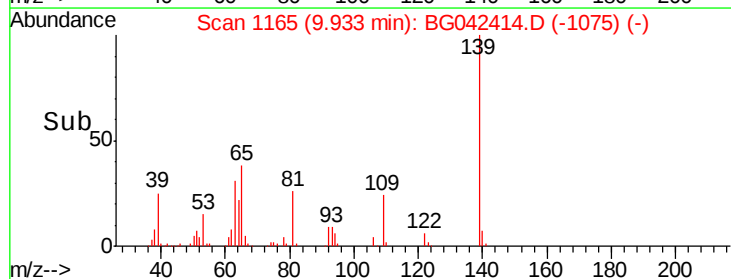
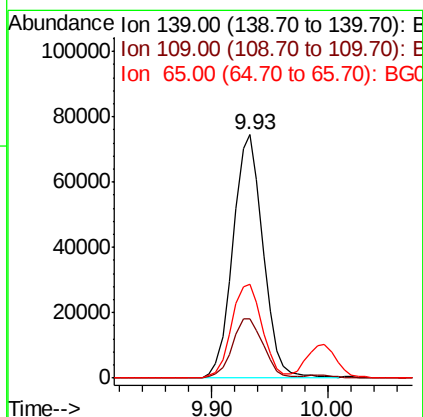
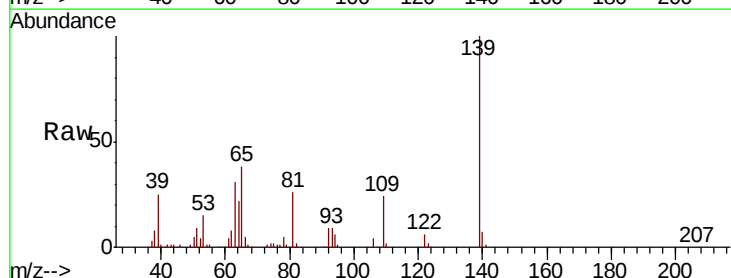
Instrument :
BNA_G
ClientSampleId :

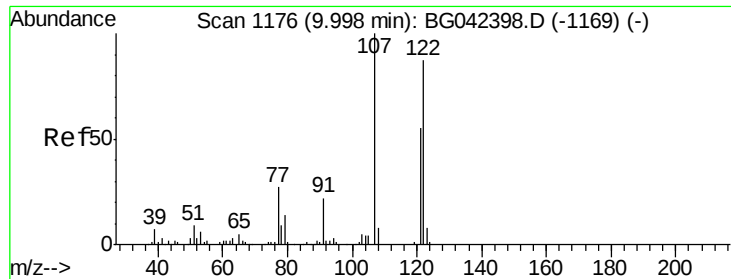
Tot Ion: 82 Resp: 430121
Ion Ratio Lower Upper
82 100
95 7.9 6.6 9.8
138 22.0 18.6 27.8



#26
2-Nitrophenol
Concen: 41.379 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Tgt Ion: 139 Resp: 134619
Ion Ratio Lower Upper
139 100
109 24.4 20.5 30.7
65 38.3 30.9 46.3

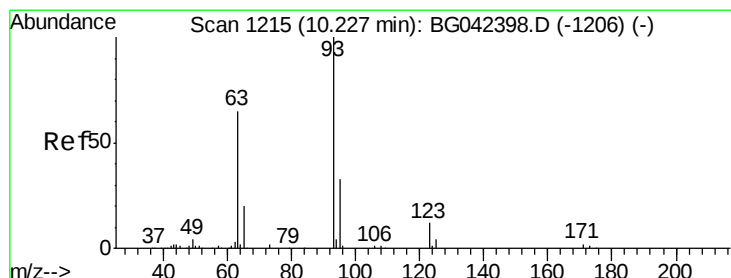
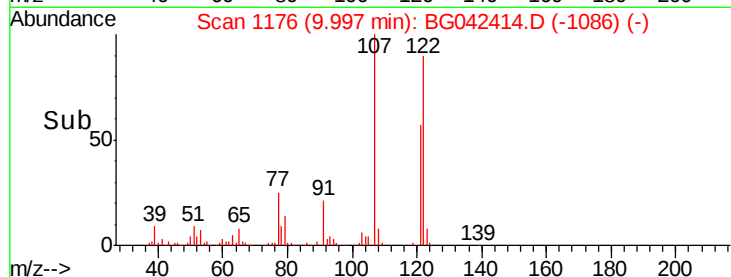
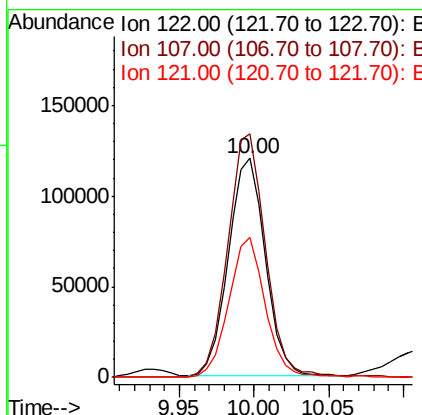
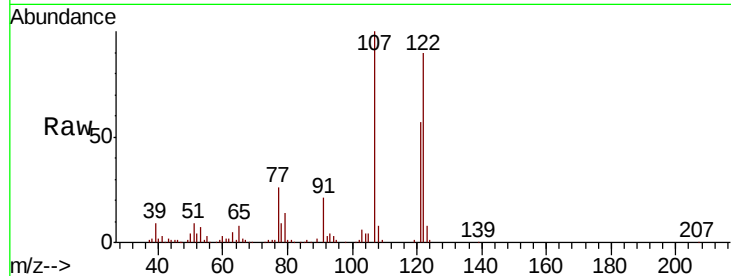




#27
 2,4-Dimethylphenol
 Concen: 46.349 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

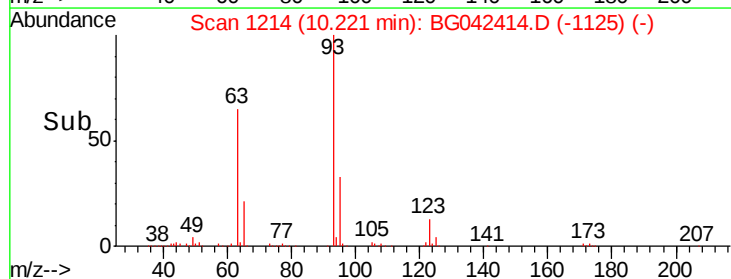
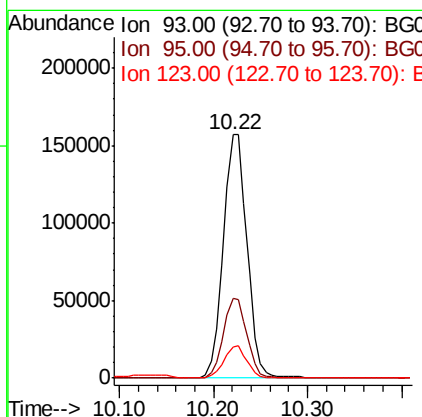
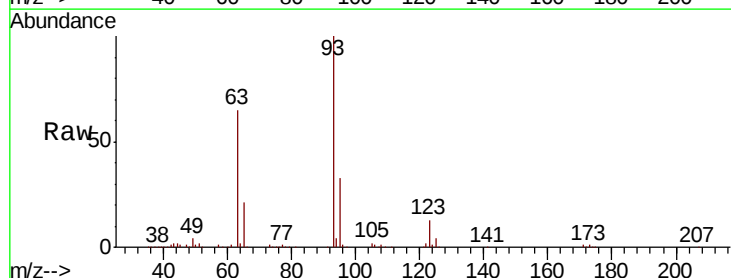
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	90.8	136.2
121	63.7	49.6	74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.402 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.6	40.0
123	13.0	10.1	15.1

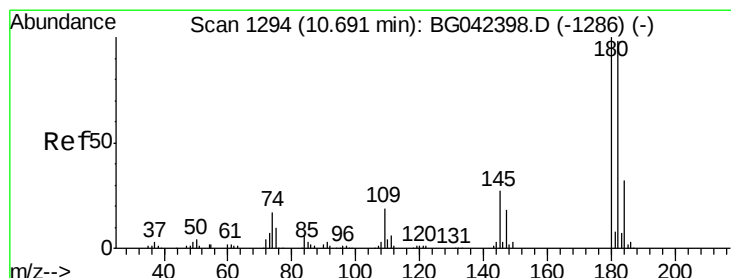
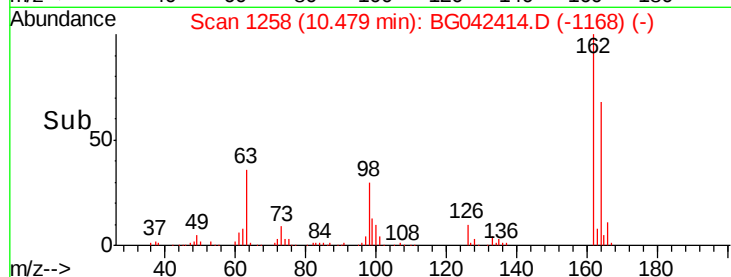
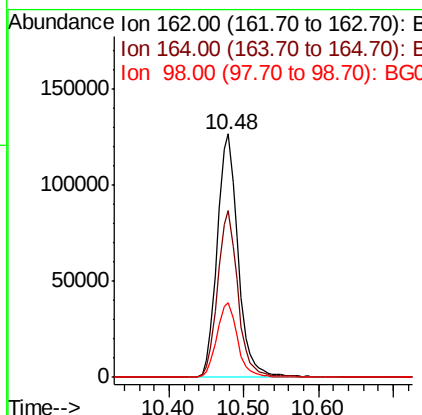
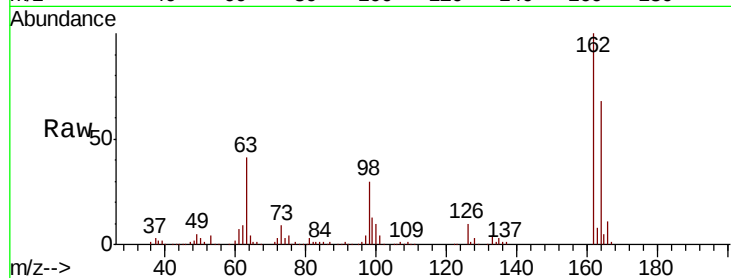




#29
 2,4-Dichlorophenol
 Concen: 42.047 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

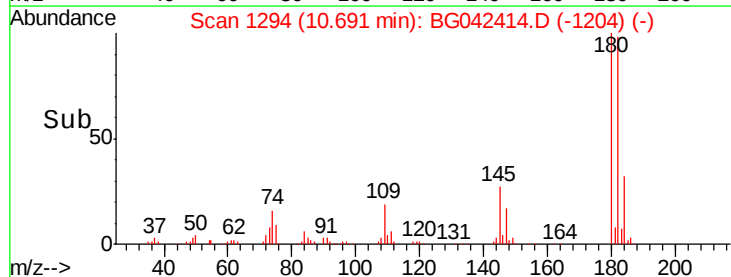
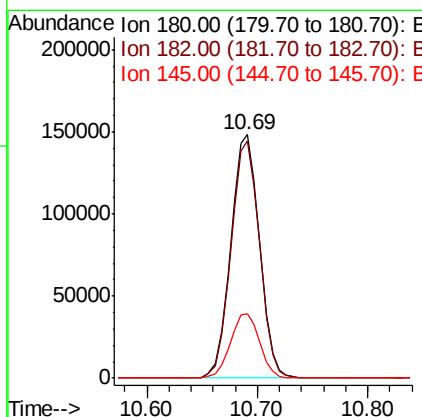
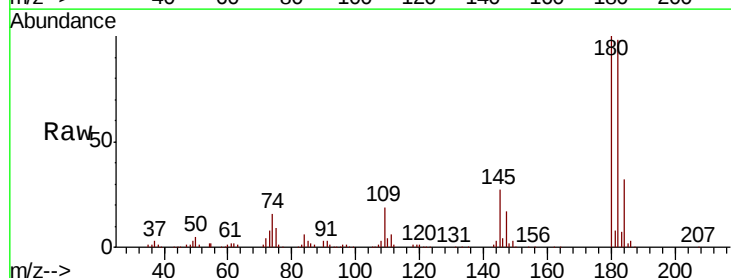
Instrument :
 BNA_G
 ClientSampleId :

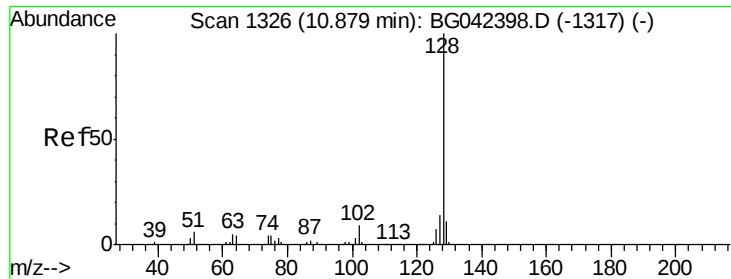
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.5	48.1	88.1
98	30.5	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 37.494 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.7	118.1
145	26.6	21.6	32.4

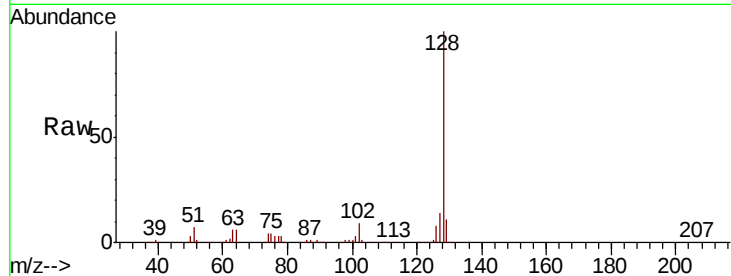




#31
Naphthalene
Concen: 44.319 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	14.4	11.4	17.0

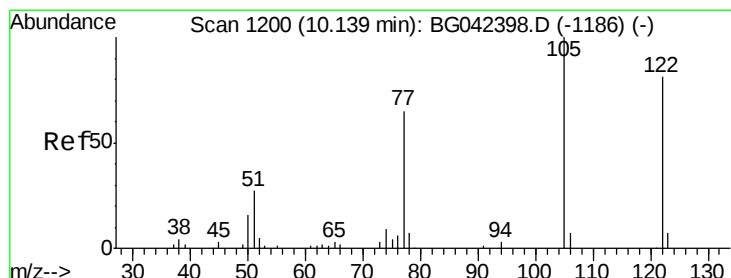
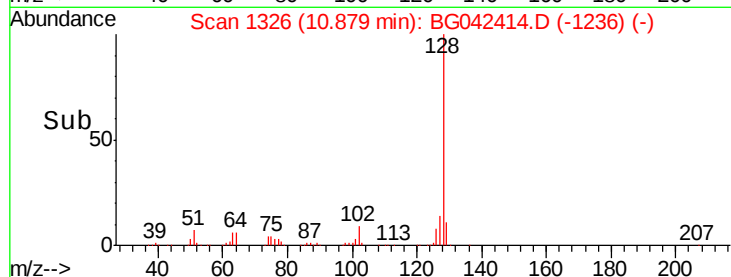
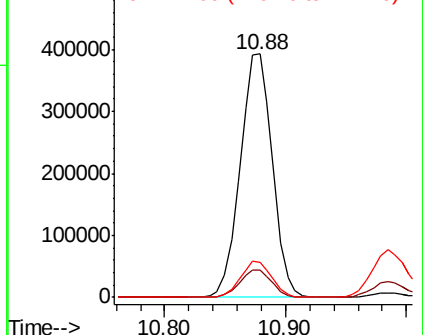


Abundance

Ion 128.00 (127.70 to 128.70): E

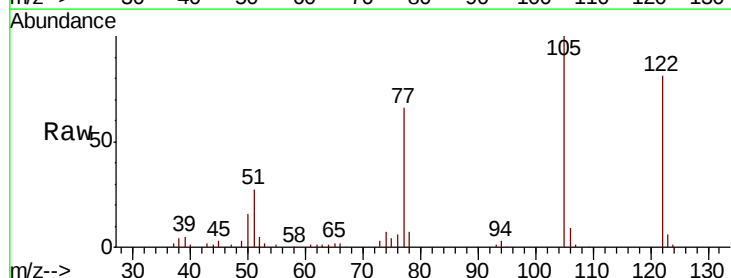
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 29.870 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.4	99.6	139.6
77	81.7	59.5	99.5

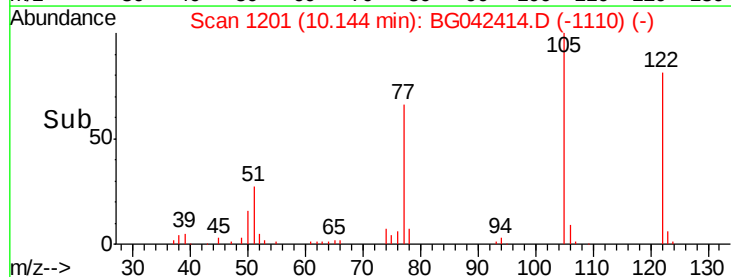
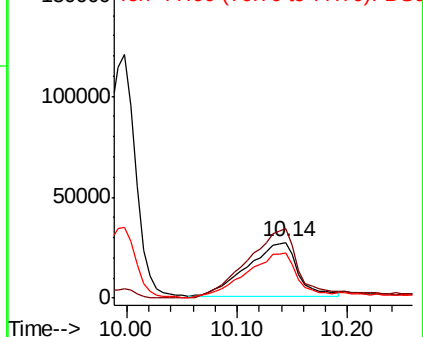


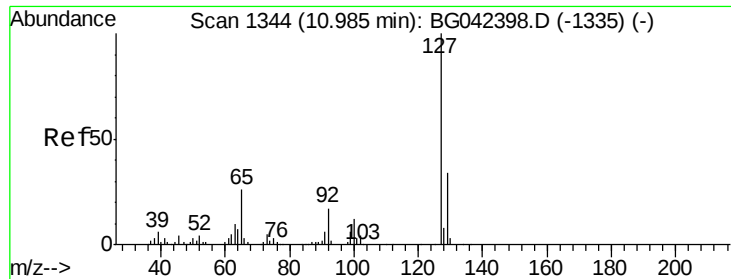
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

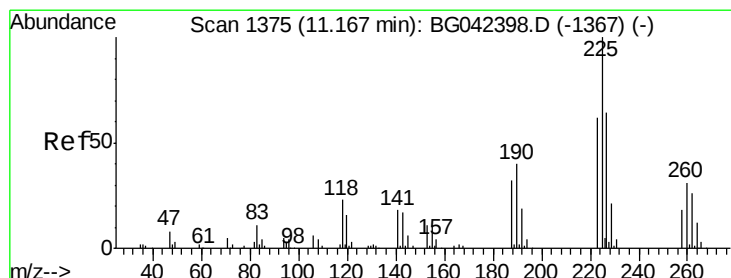
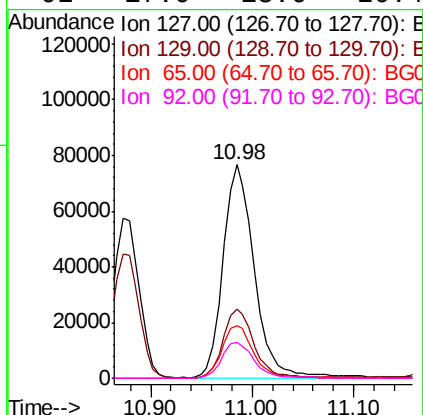
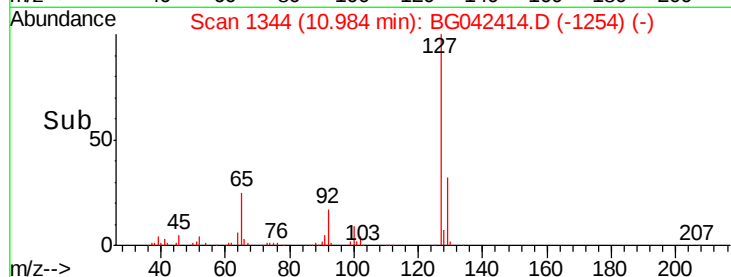
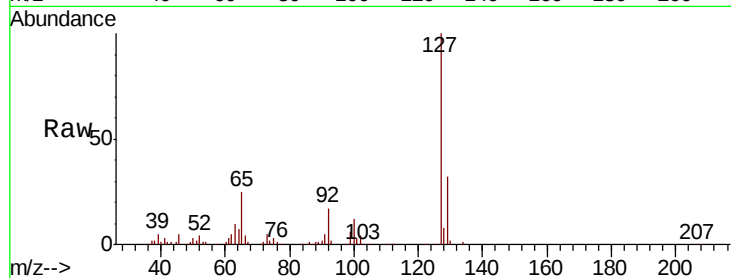




#33
4-Chloroaniline
Concen: 21.319 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

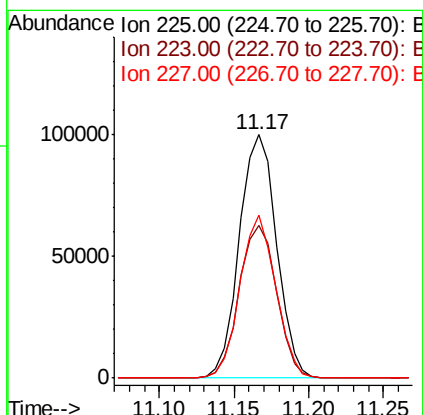
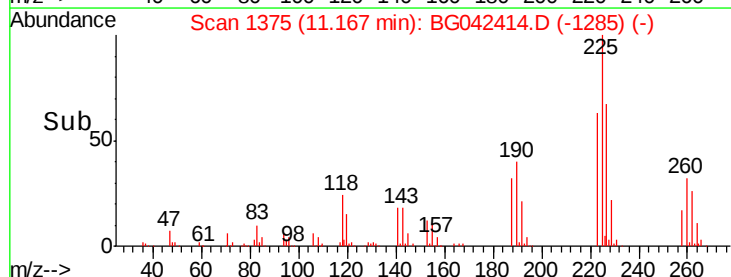
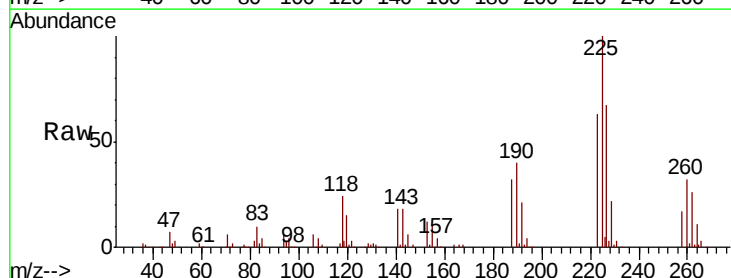
Instrument :
BNA_G
ClientSampled :

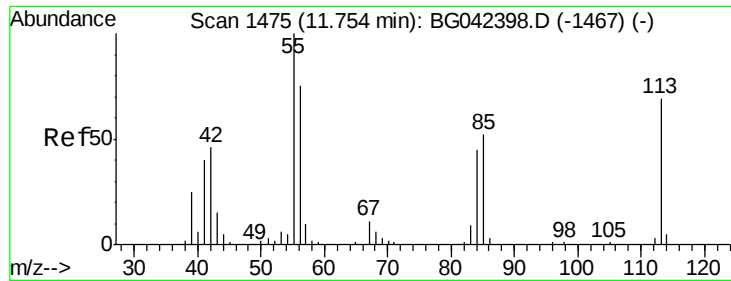
Tot Ion:	127	Resp:	161876
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.8	40.2
65	24.7	20.7	31.1
92	17.0	13.6	20.4



#34
Hexachlorobutadiene
Concen: 35.862 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Tgt Ion:	225	Resp:	173458
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.8	74.6
227	67.2	50.9	76.3

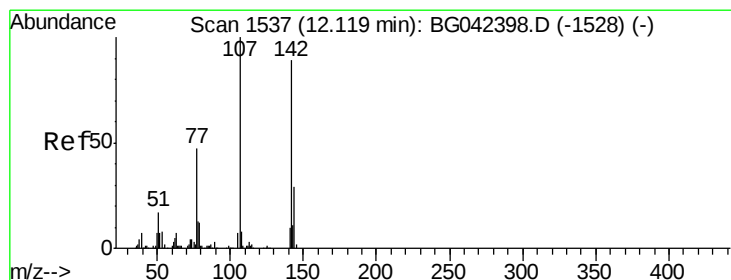
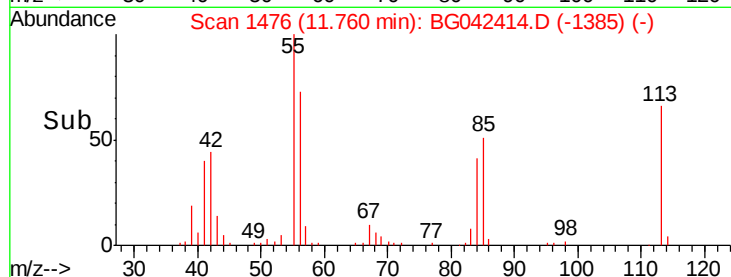
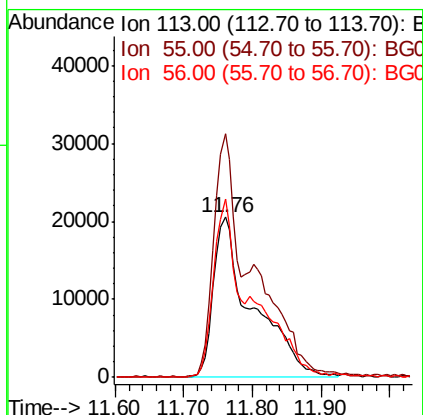
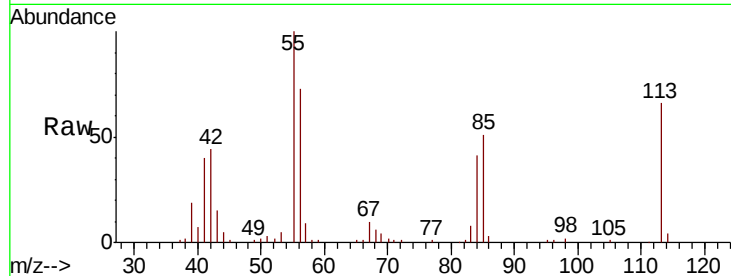




#35
 Caprolactam
 Concen: 41.356 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

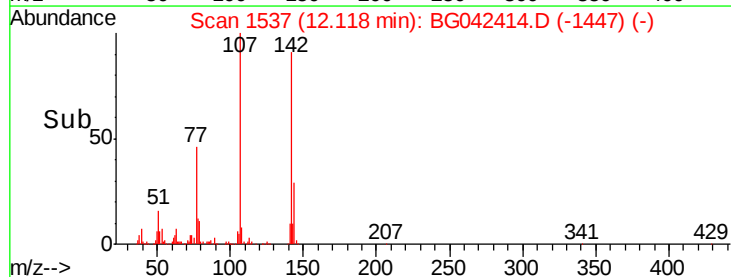
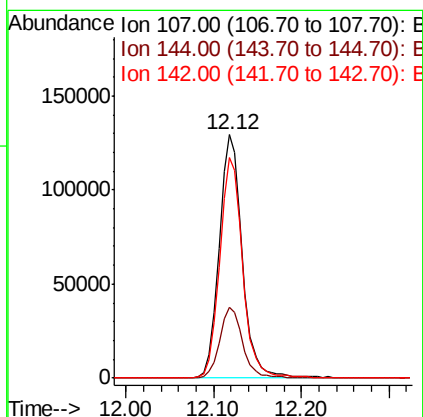
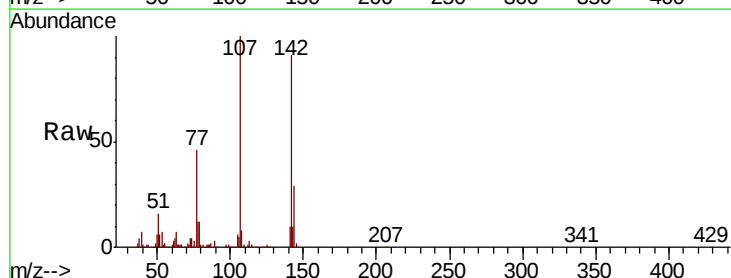
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 80912
 Ion Ratio Lower Upper
 113 100
 55 152.0 124.6 164.6
 56 111.0 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.309 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion:107 Resp: 235495
 Ion Ratio Lower Upper
 107 100
 144 28.9 23.6 35.4
 142 90.7 71.0 106.4

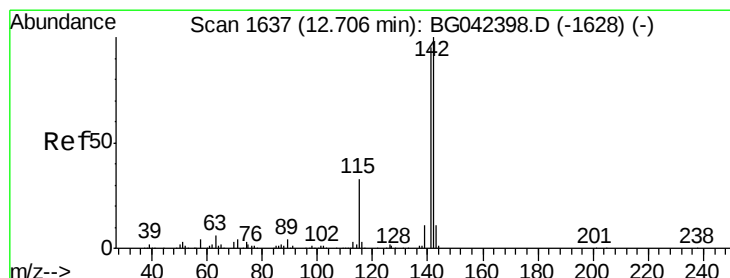
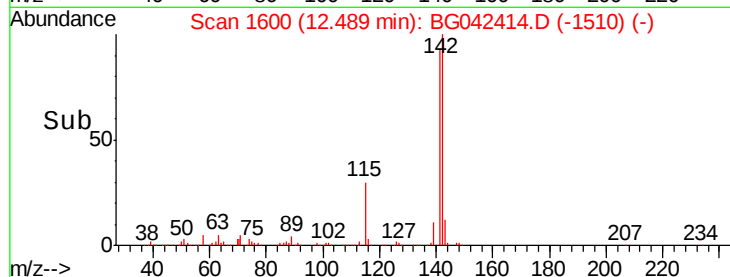
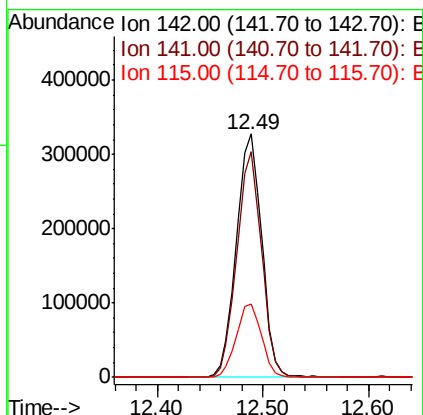
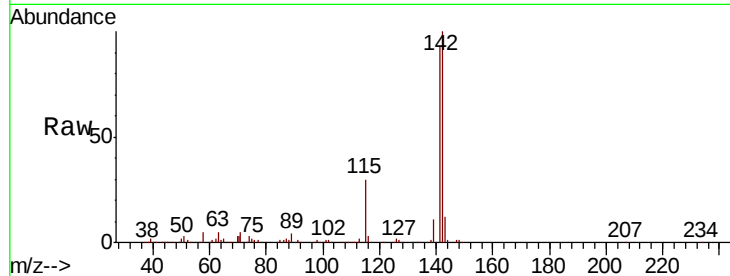




#37
 2-Methylnaphthalene
 Concen: 41.107 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

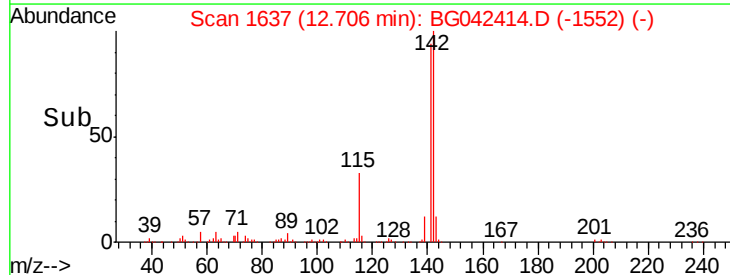
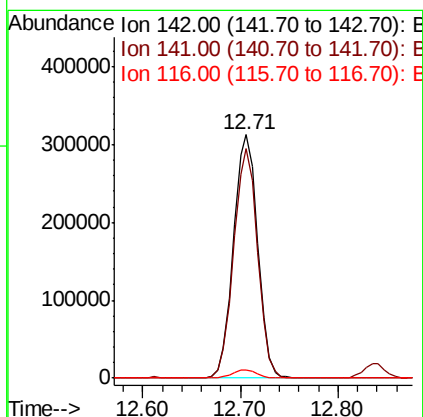
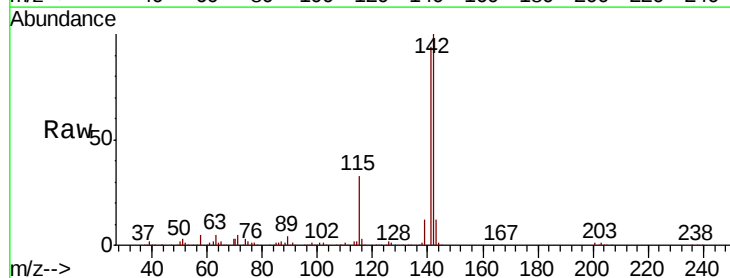
Instrument :
 BNA_G
 ClientSampleId :

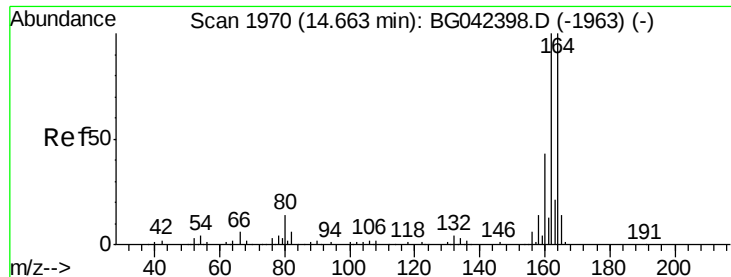
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	71.4	107.2
115	30.4	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 42.423 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	76.2	114.2
116	3.4	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

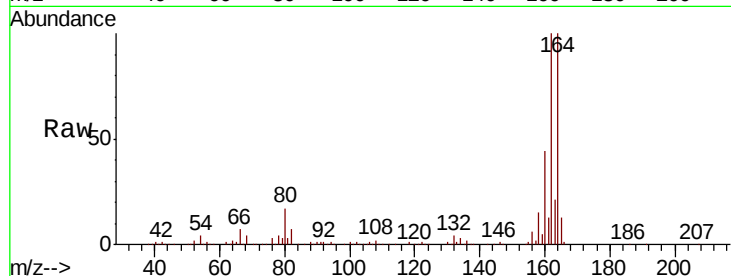
Tot Ion:164 Resp: 223722

Ion Ratio Lower Upper

164 100

162 99.7 79.9 119.9

160 44.1 34.3 51.5

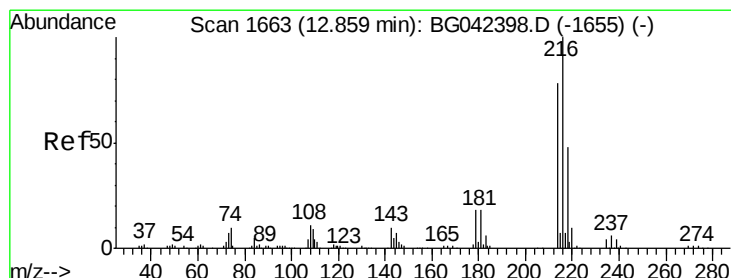
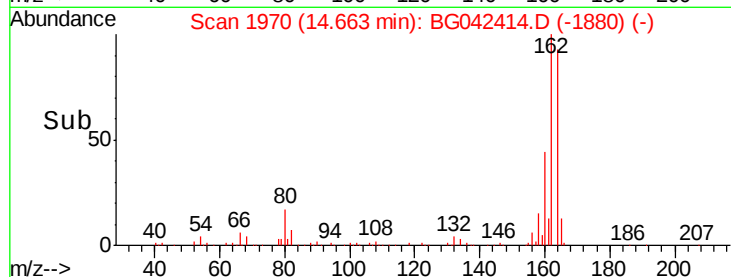
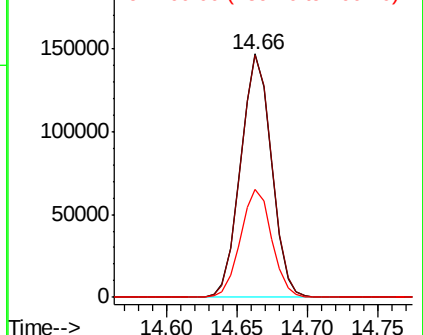


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.973 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Tgt Ion:216 Resp: 315928

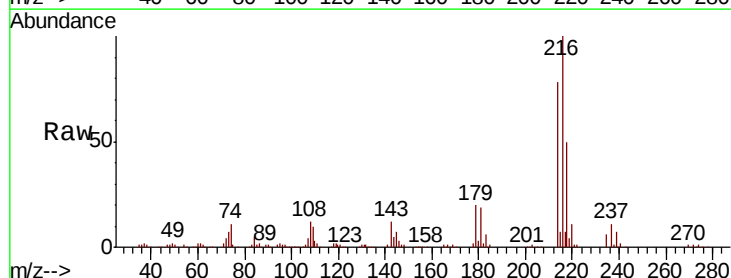
Ion Ratio Lower Upper

216 100

214 76.3 61.4 92.2

179 19.6 15.1 22.7

108 13.7 9.4 14.0



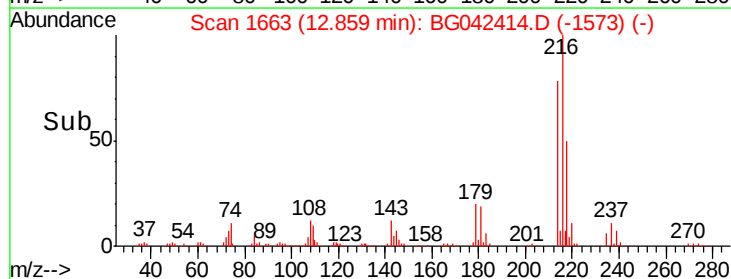
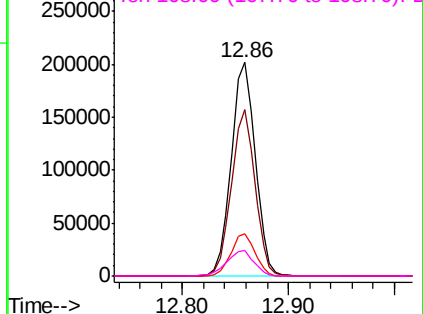
Abundance

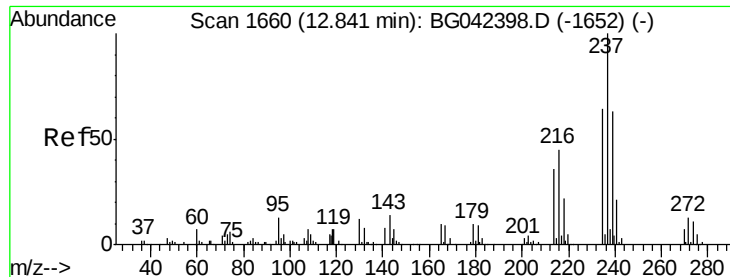
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.701 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampled :

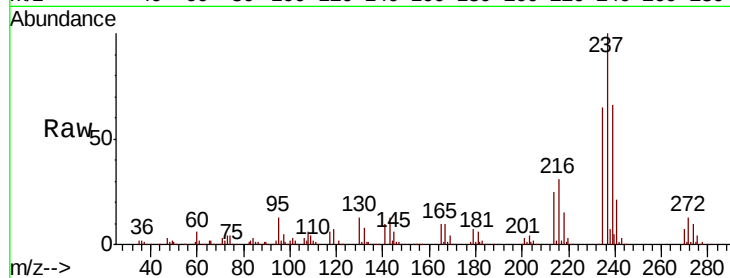
Tot Ion:237 Resp: 289464

Ion Ratio Lower Upper

237 100

235 64.9 43.7 83.7

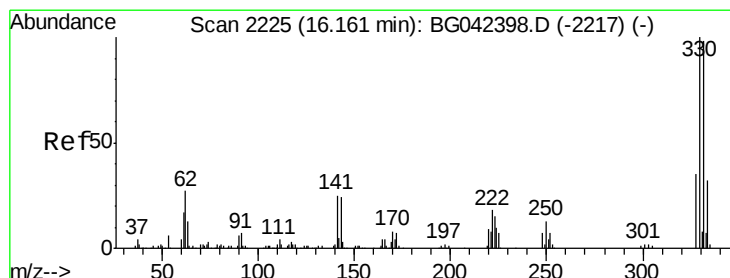
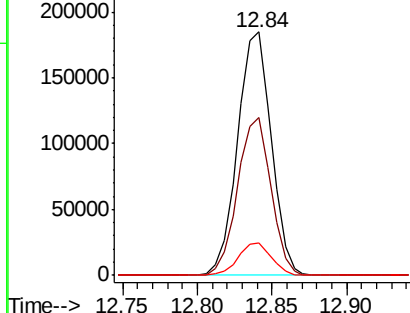
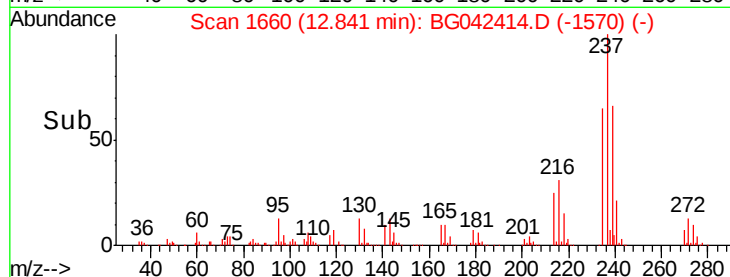
272 13.1 0.0 33.3



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: 128.232 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

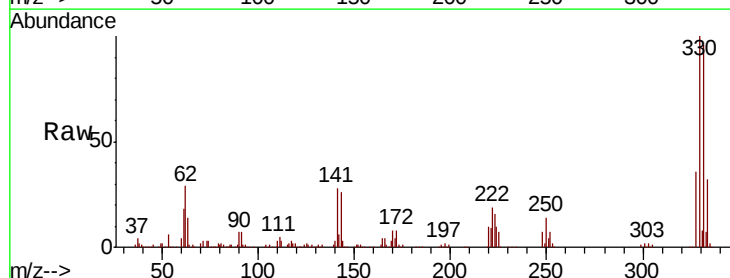
Tgt Ion:330 Resp: 407756

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

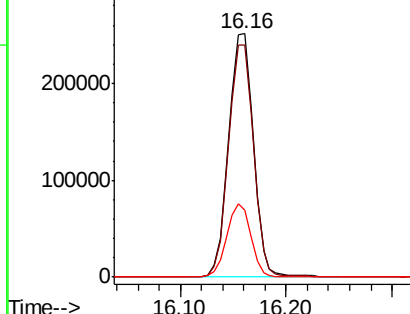
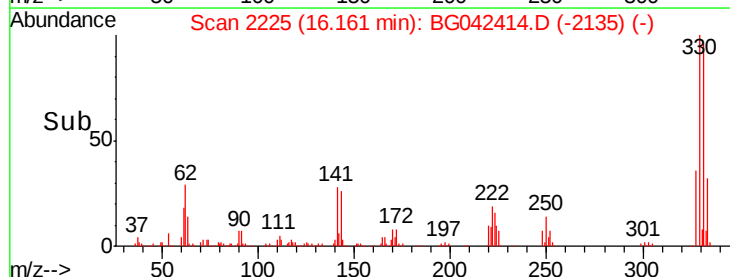
141 29.4 21.4 32.0

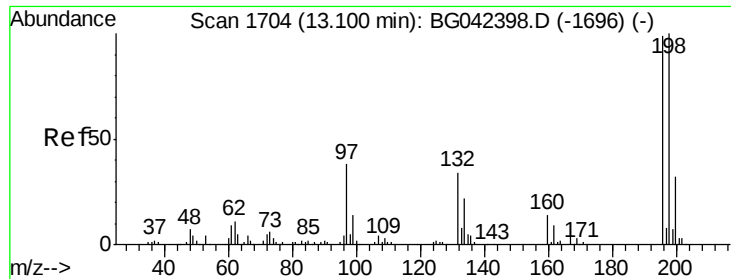


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

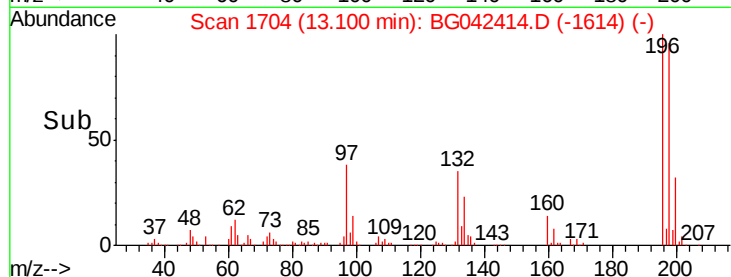
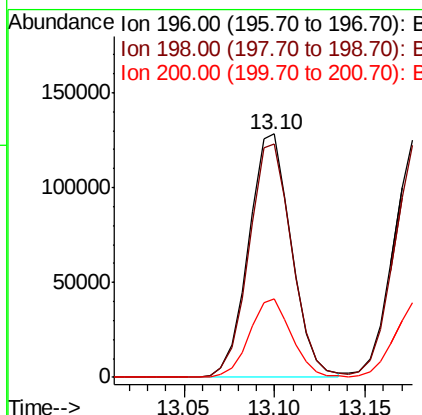
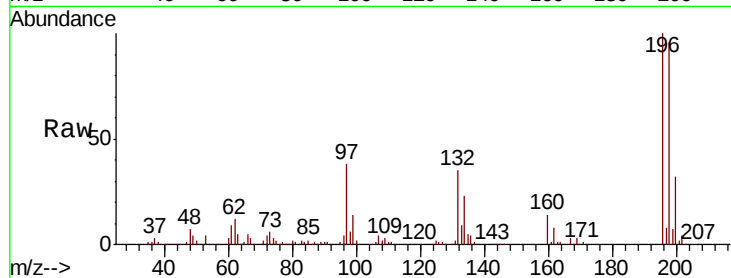




#43
 2,4,6-Trichlorophenol
 Concen: 43.154 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

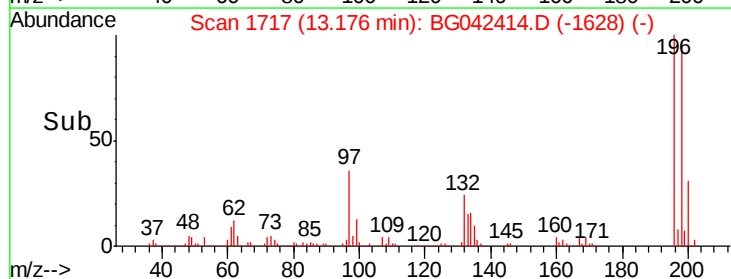
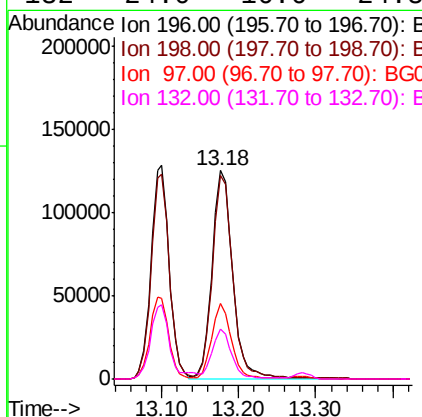
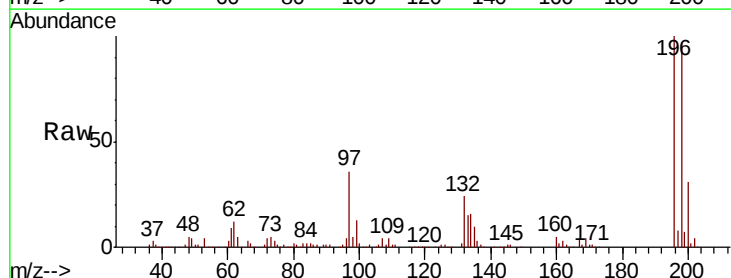
Instrument :
 BNA_G
 ClientSampleId :

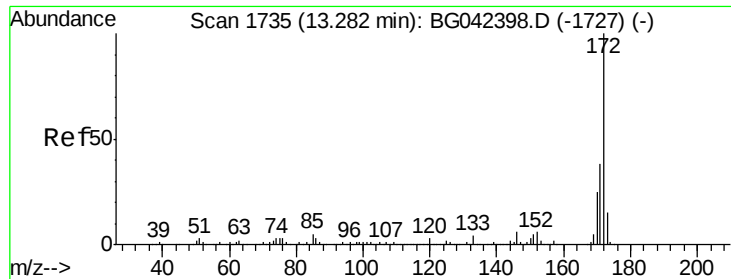
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	80.7	121.1
200	32.0	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.771 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	80.2	120.4
97	36.1	26.3	39.5
132	24.0	16.6	24.8

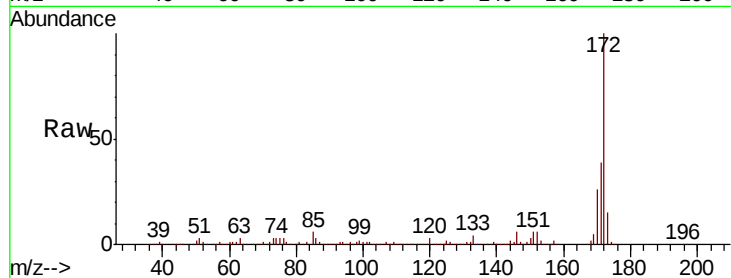




#45
 2-Fluorobiphenyl
 Concen: 90.181 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.5	45.7
170	26.1	20.2	30.2

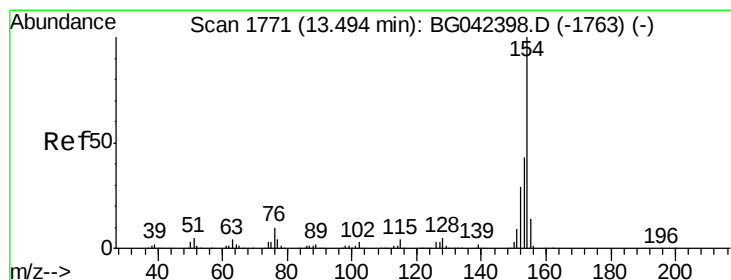
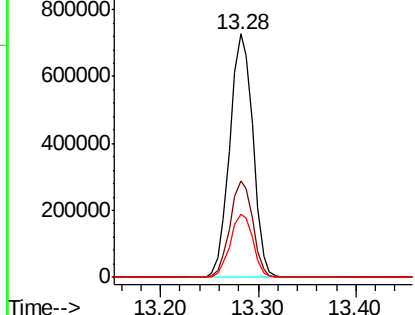
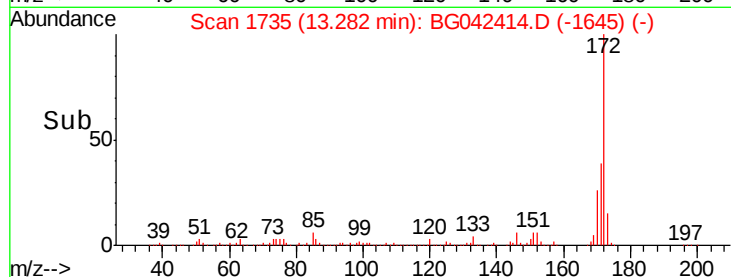


Abundance

Ion 172.00 (171.70 to 172.70): E

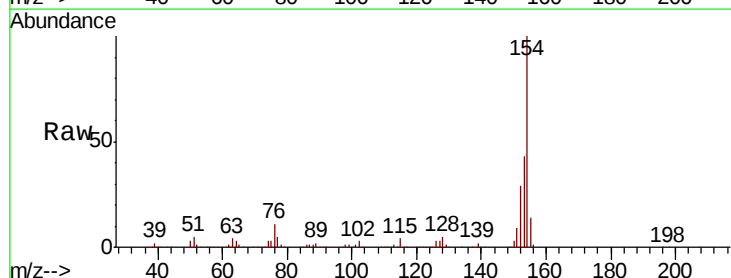
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 48.081 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	23.0	63.0
76	11.4	0.0	29.6

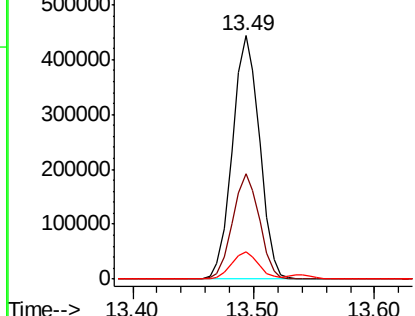
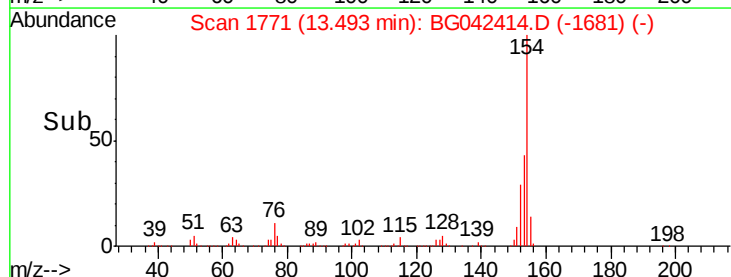


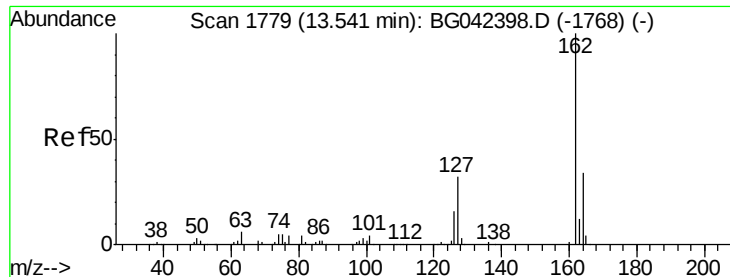
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

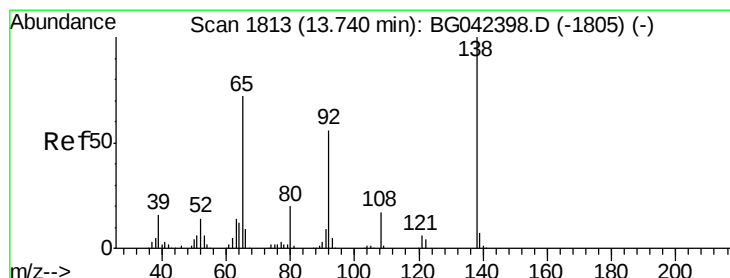
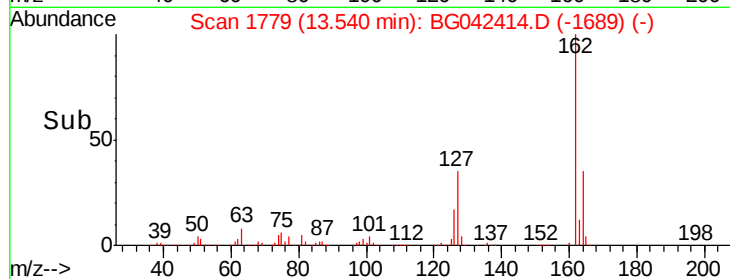
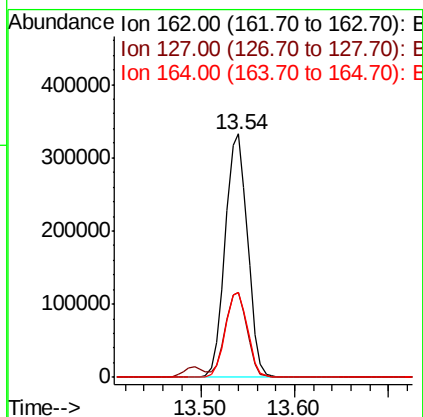
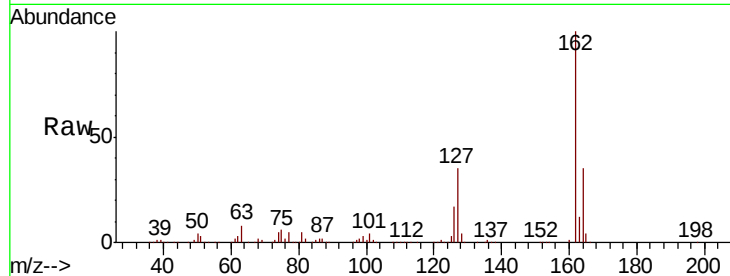




#47
 2-Chloronaphthalene
 Concen: 44.080 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

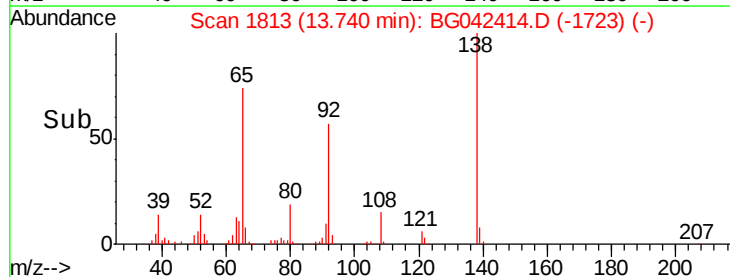
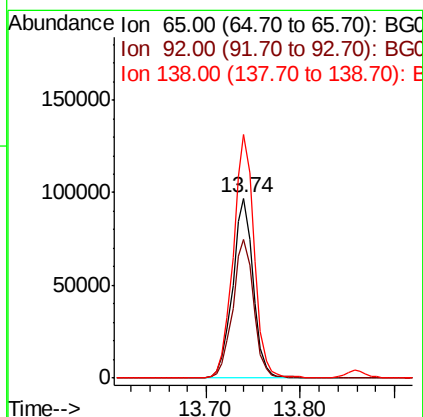
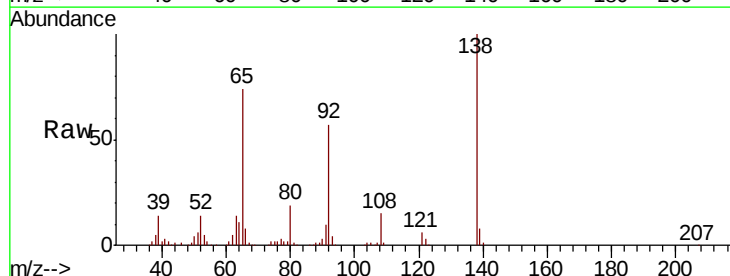
Instrument :
 BNA_G
 ClientSampleId :

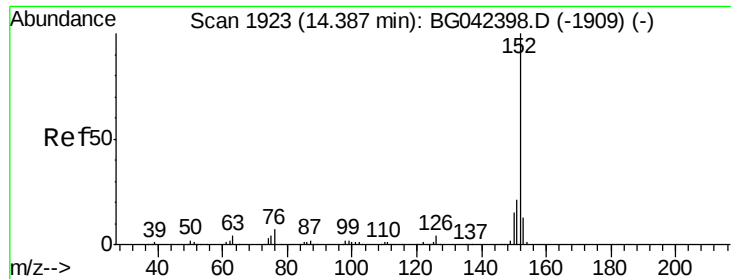
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.1	26.0	39.0
164	34.8	27.4	41.0



#48
 2-Nitroaniline
 Concen: 49.229 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.9	61.8	92.6
138	135.1	111.0	166.6





#49

Acenaphthylene

Concen: 45.207 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

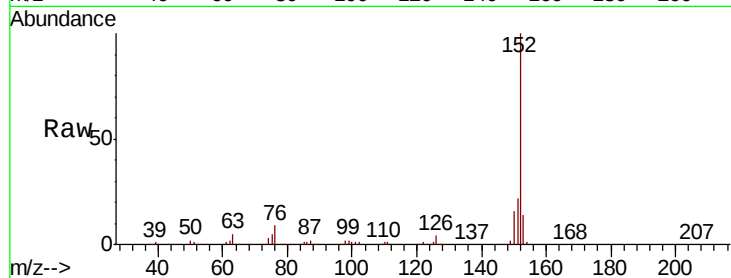
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 848090

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.0	25.4
153	14.3	10.6	16.0

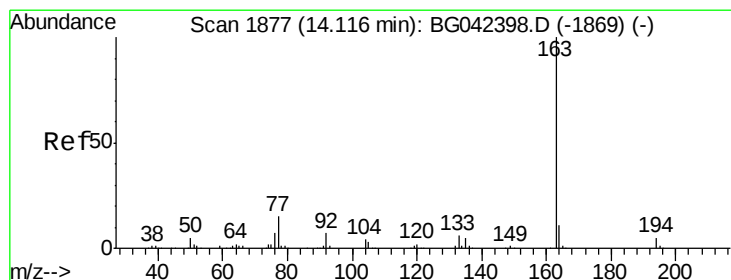
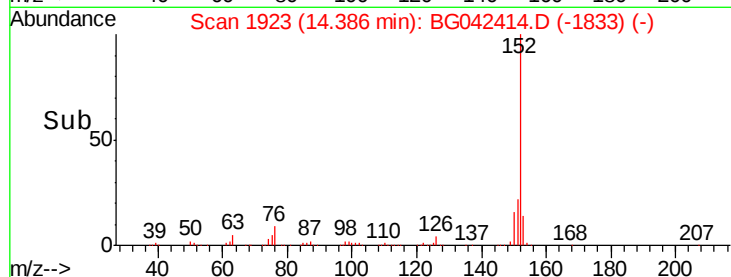
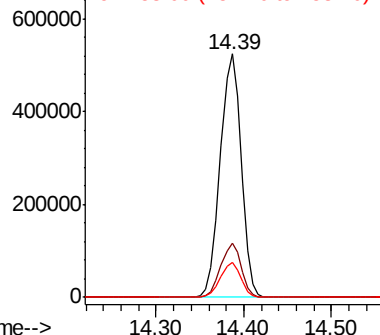


Abundance

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: 58.010 ng

RT: 14.12 min Scan# 1877

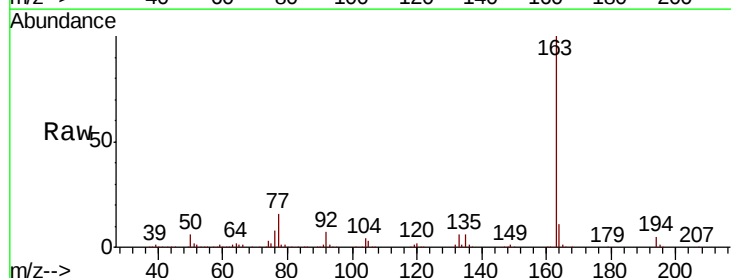
Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Tgt Ion:163 Resp: 936412

Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.2	6.2
164	11.1	8.8	13.2

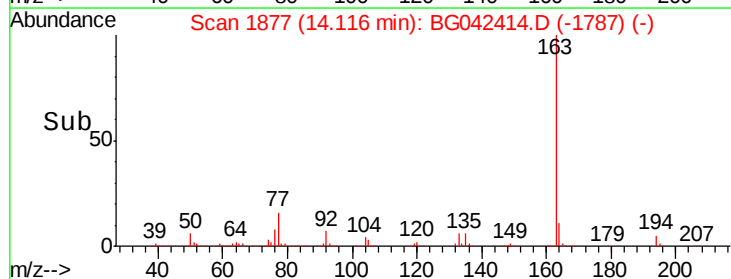
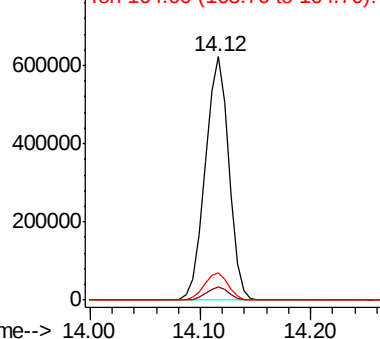


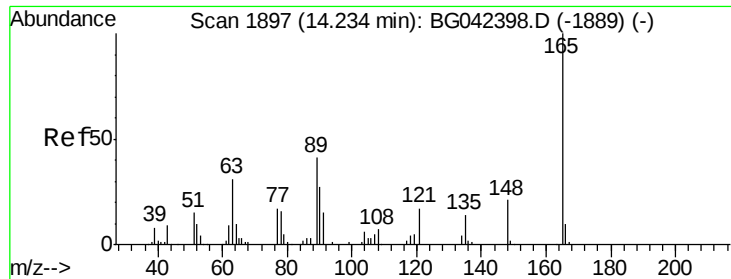
Abundance

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

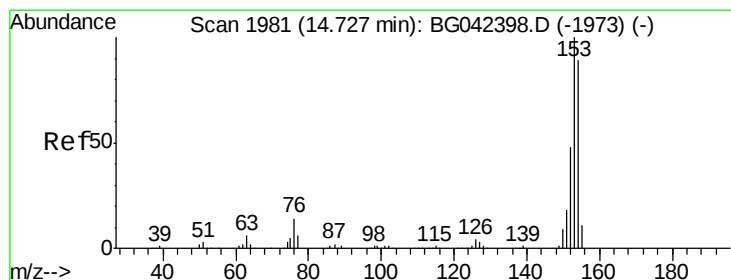
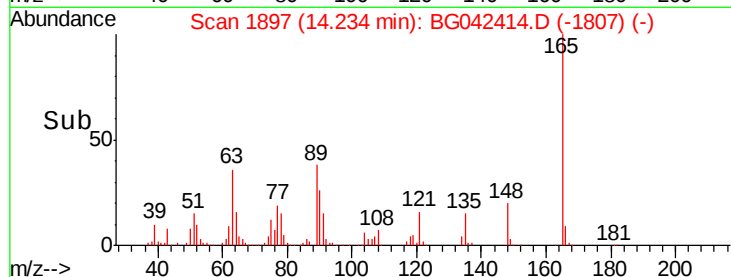
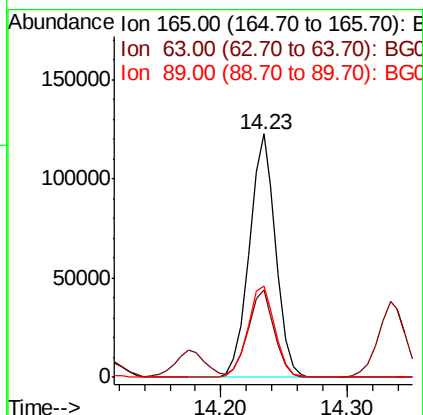
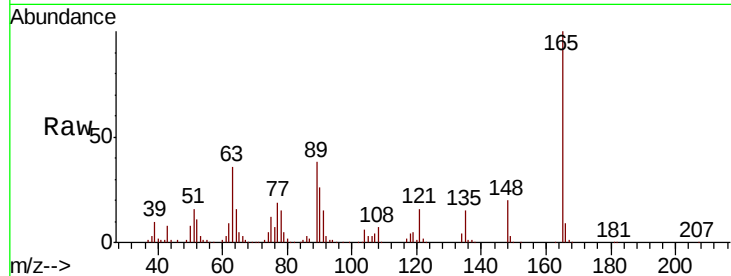




#51
 2,6-Dinitrotoluene
 Concen: 47.116 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

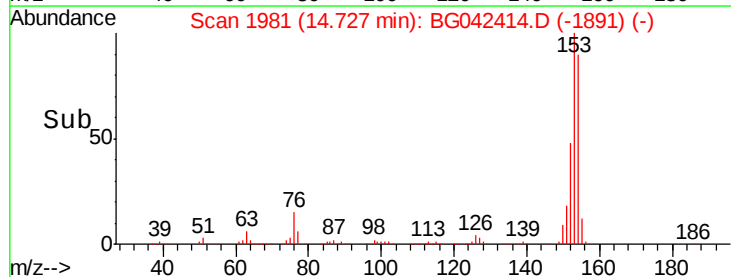
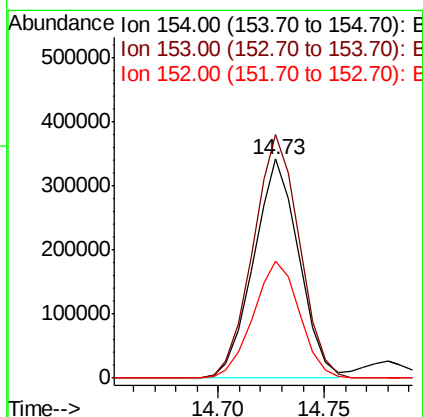
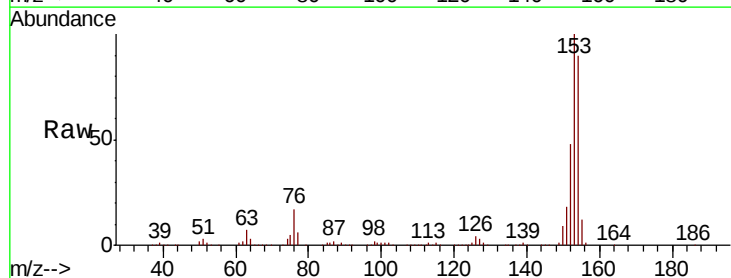
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.8	30.6	45.8
89	37.6	32.6	49.0



#52
 Acenaphthene
 Concen: 44.816 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.2	135.4
152	53.2	43.2	64.8

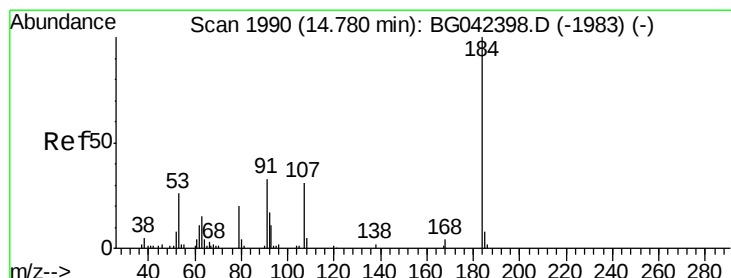
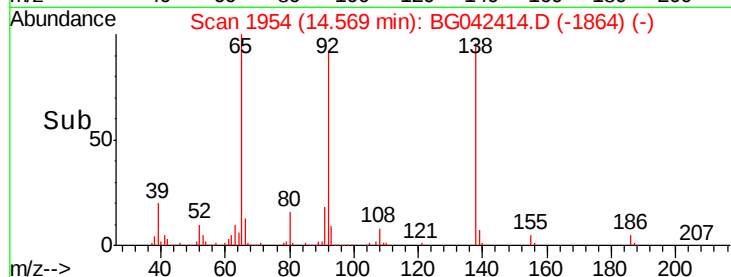
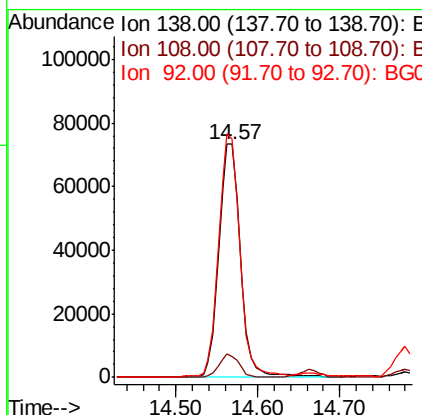
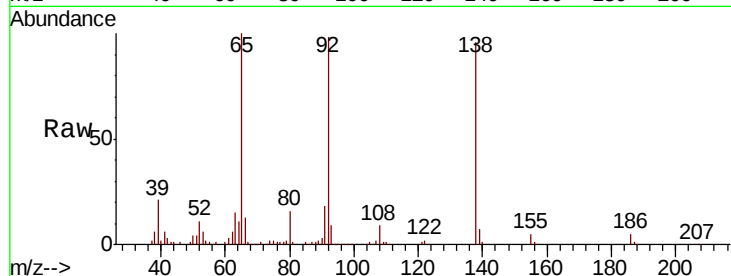




#53
 3-Nitroaniline
 Concen: 36.056 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

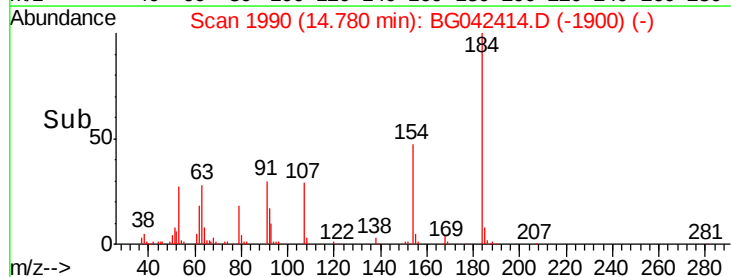
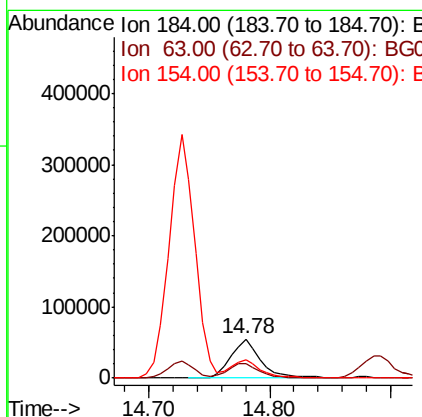
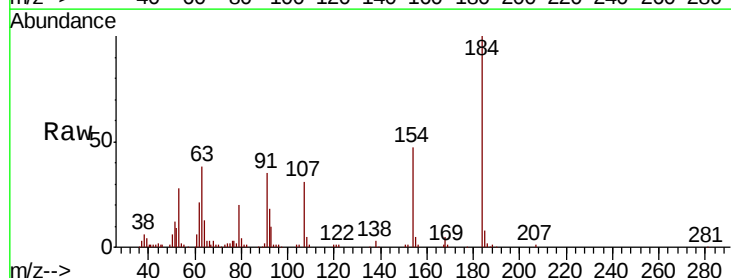
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 134923
 Ion Ratio Lower Upper
 138 100
 108 8.9 8.3 12.5
 92 102.4 78.2 117.4



#54
 2,4-Dinitrophenol
 Concen: 40.379 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion:184 Resp: 93359
 Ion Ratio Lower Upper
 184 100
 63 38.2 31.7 47.5
 154 47.2 42.0 63.0





#55

Dibenzenofuran

Concen: 47.660 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

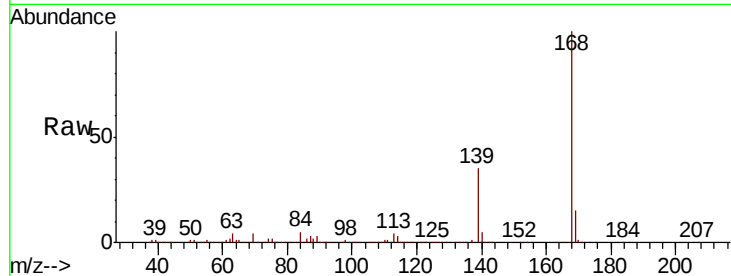
Tot Ion:168 Resp: 898689

Ion Ratio Lower Upper

168 100

139 35.4 27.2 40.8

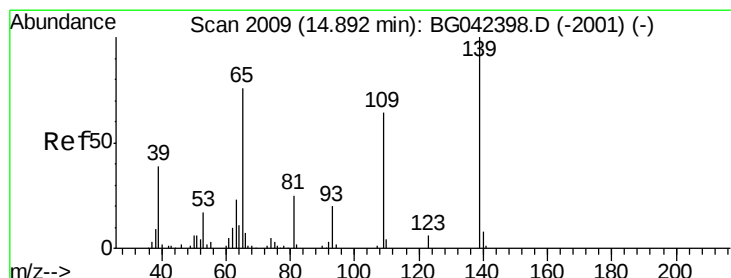
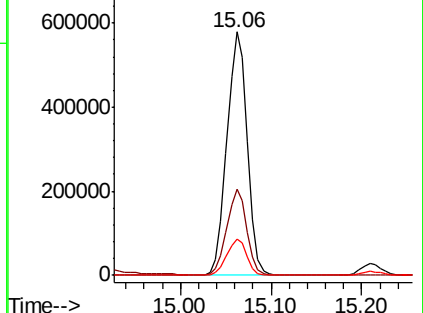
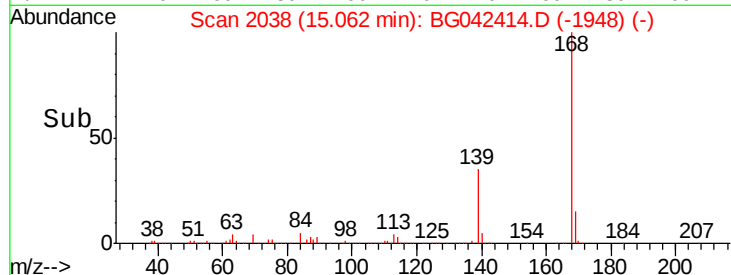
169 14.7 11.5 17.3



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: 113.154 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

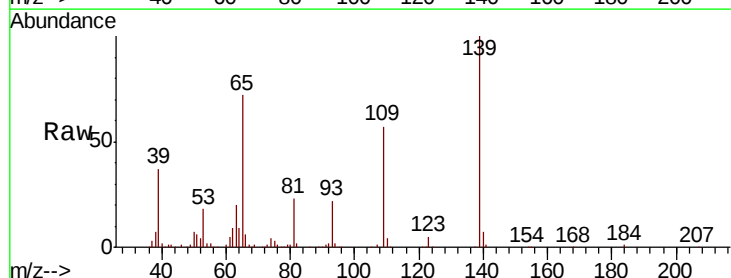
Tgt Ion:139 Resp: 300875

Ion Ratio Lower Upper

139 100

109 56.9 43.9 83.9

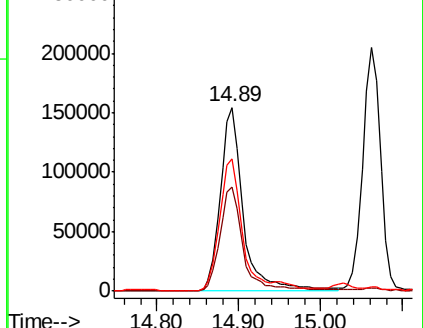
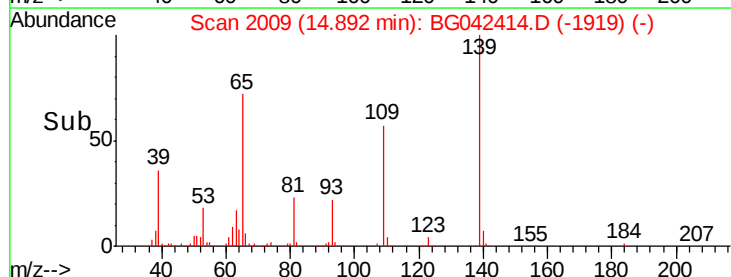
65 72.2 56.3 96.3

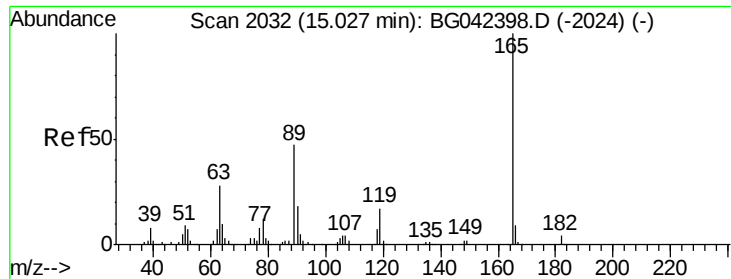


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

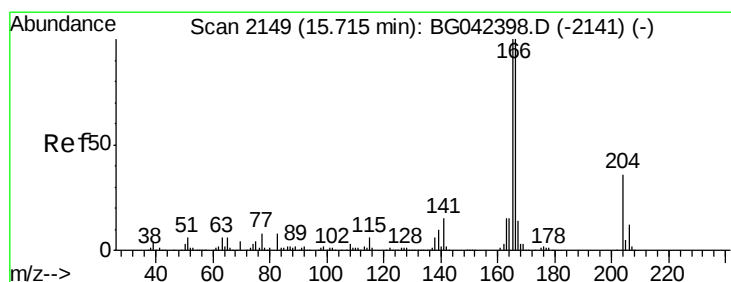
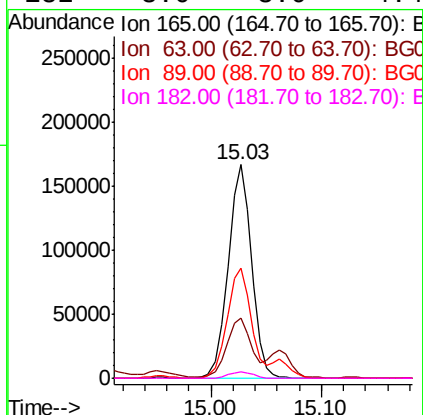
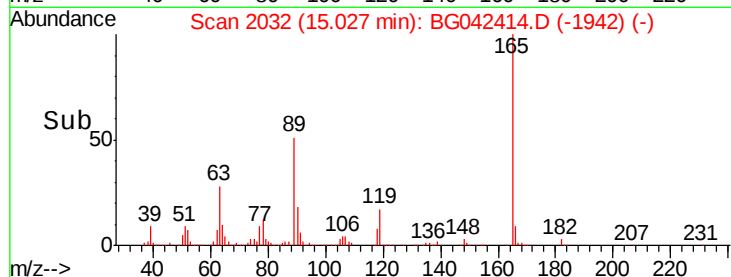
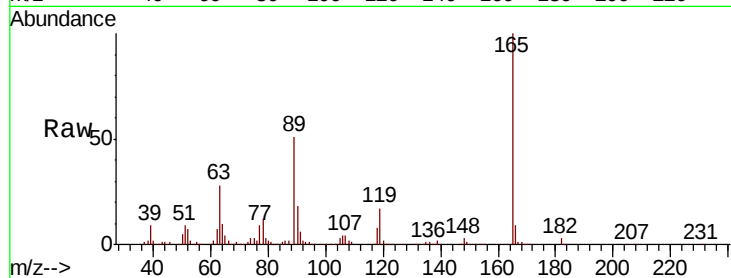




#57
2,4-Dinitrotoluene
Concen: 46.291 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

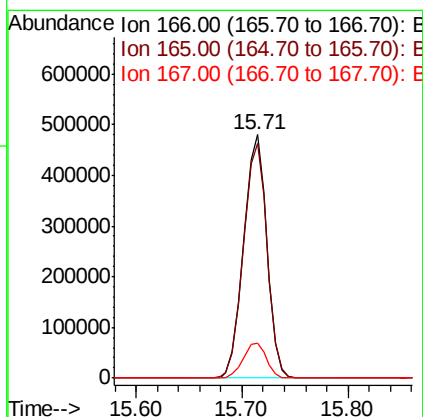
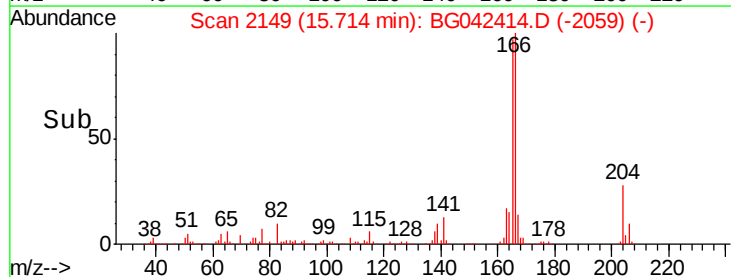
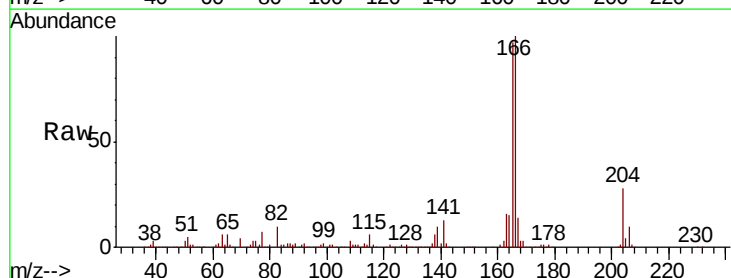
Instrument :
BNA_G
ClientSampleId :

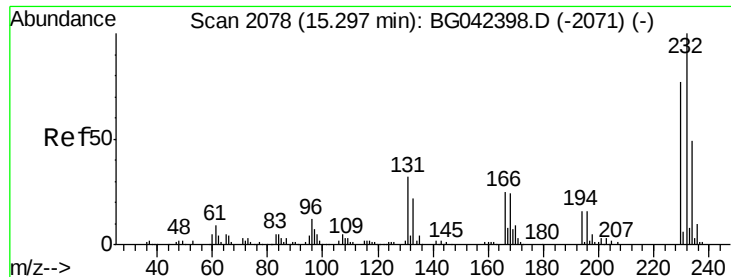
Tot Ion:165 Resp: 248026
Ion Ratio Lower Upper
165 100
63 27.9 22.5 33.7
89 51.4 37.8 56.6
182 3.0 3.0 4.4



#58
Fluorene
Concen: 47.459 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Tgt Ion:166 Resp: 731523
Ion Ratio Lower Upper
166 100
165 96.6 79.7 119.5
167 14.2 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.797 ng

RT: 15.29 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 227918

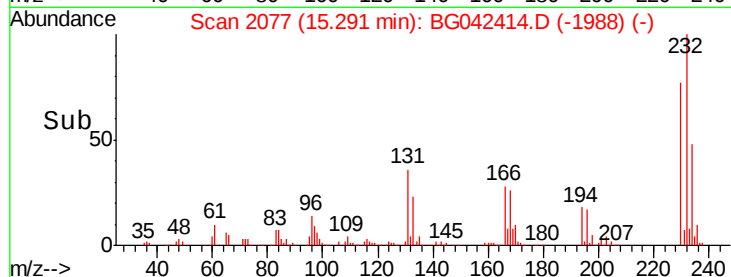
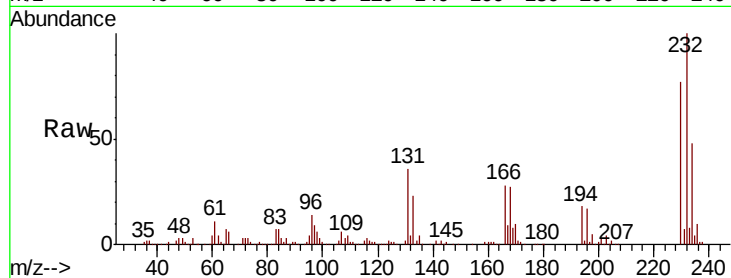
Ion Ratio Lower Upper

232 100

131 34.4 22.9 34.3#

130 1.6 1.4 2.0

166 28.0 17.0 25.4#

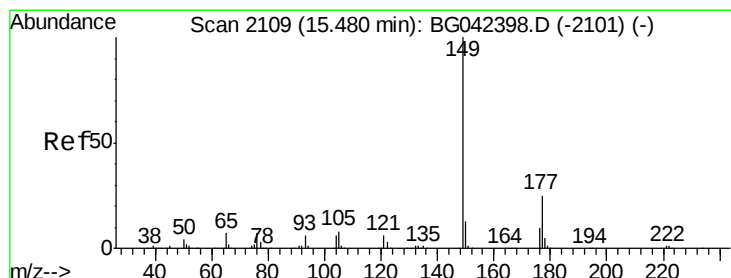
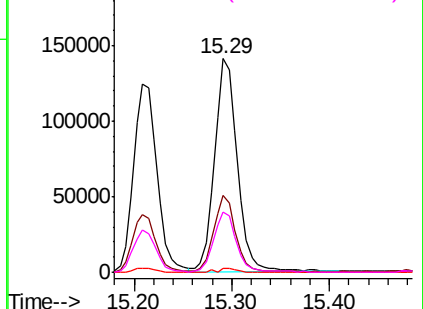


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.778 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

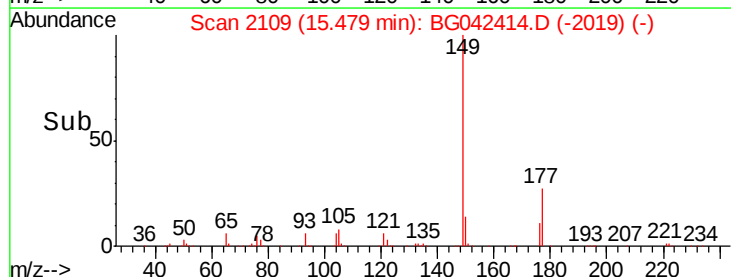
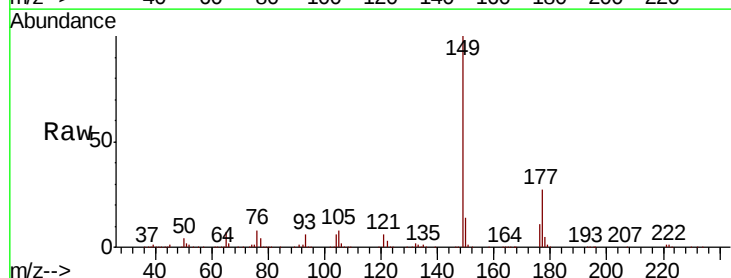
Tgt Ion:149 Resp: 659260

Ion Ratio Lower Upper

149 100

177 26.8 20.4 30.6

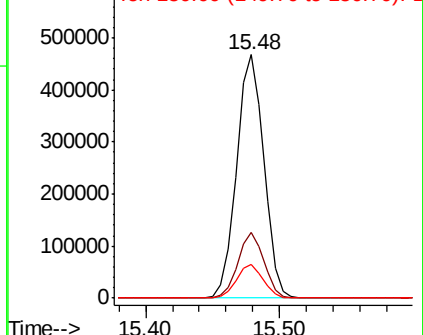
150 13.8 10.3 15.5

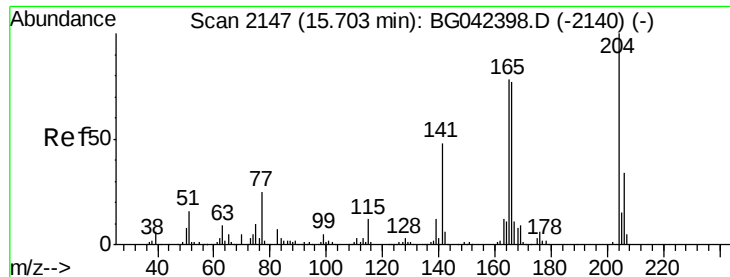


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

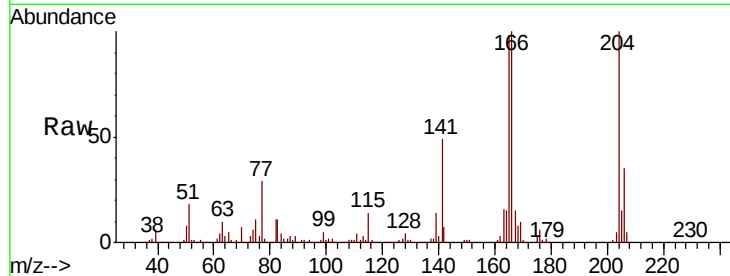




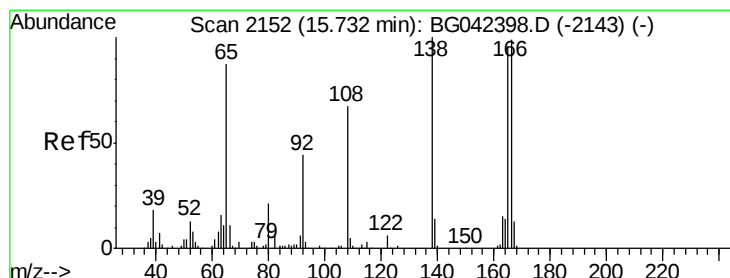
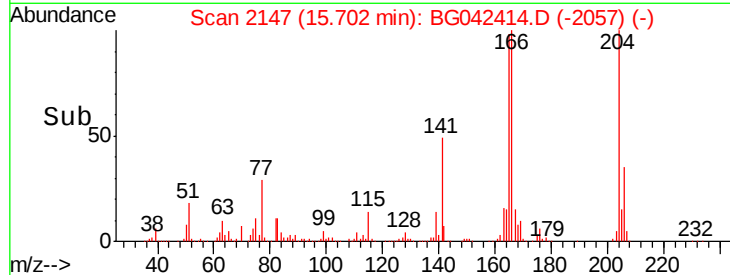
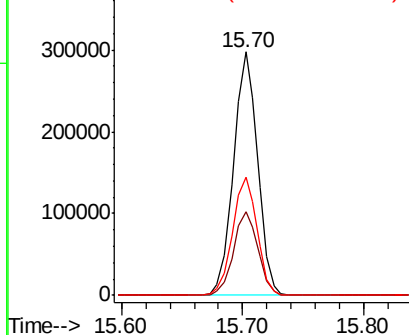
#61
 4-Chlorophenyl-phenylether
 Concen: 44.542 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204	Resp:	413869
Ion Ratio	Lower	Upper
204	100	
206	34.6	27.2 40.8
141	48.6	38.7 58.1

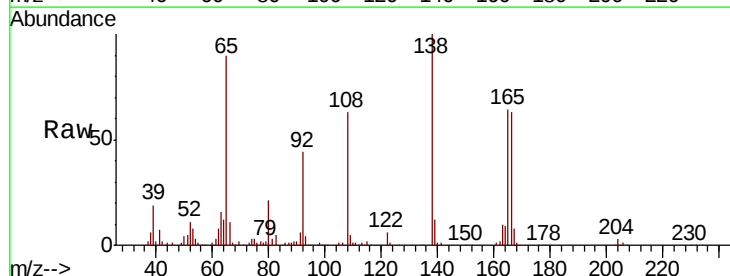


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

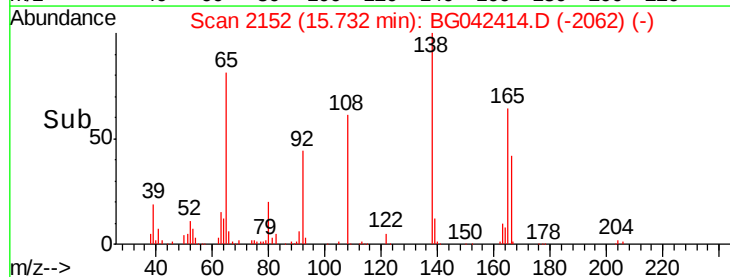
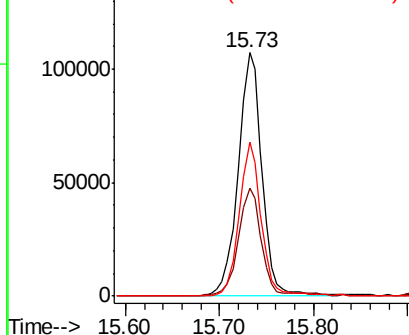


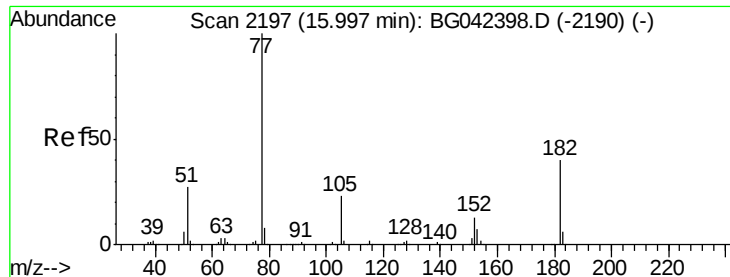
#62
 4-Nitroaniline
 Concen: 47.077 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion:138	Resp:	188539
Ion Ratio	Lower	Upper
138	100	
92	44.3	24.2 64.2
108	63.3	46.8 86.8



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





#63

Azobenzene

Concen: 51.370 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 555455

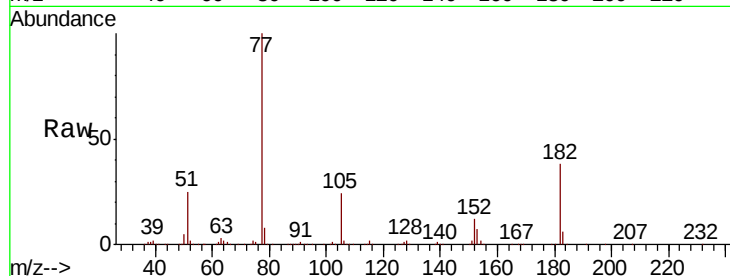
Ion	Ratio	Lower	Upper
77	100		
182	38.2	19.9	59.9
105	23.6	2.9	42.9
51	25.3	7.6	47.6

77 100

182 38.2 19.9 59.9

105 23.6 2.9 42.9

51 25.3 7.6 47.6

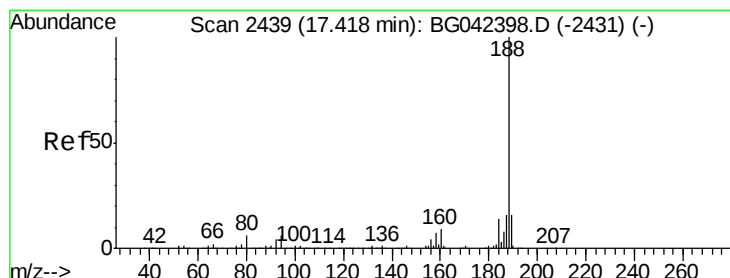
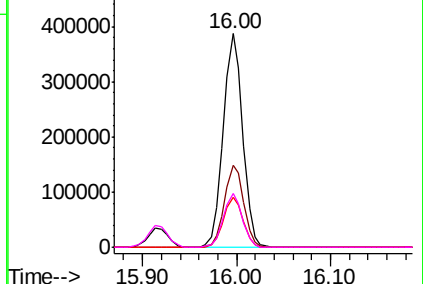
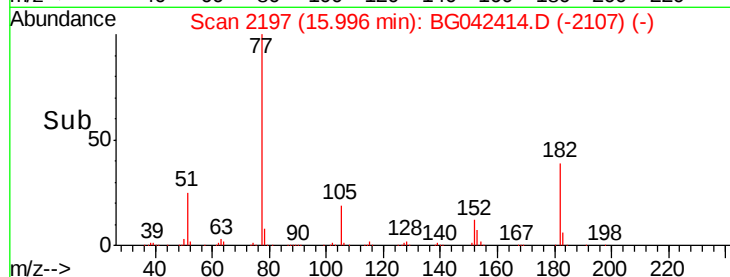


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

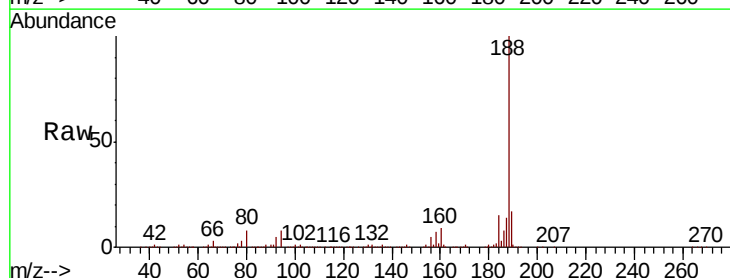
Tgt Ion: 188 Resp: 477565

Ion	Ratio	Lower	Upper
188	100		
94	7.8	4.5	6.7#
80	8.0	4.9	7.3#

188 100

94 7.8 4.5 6.7#

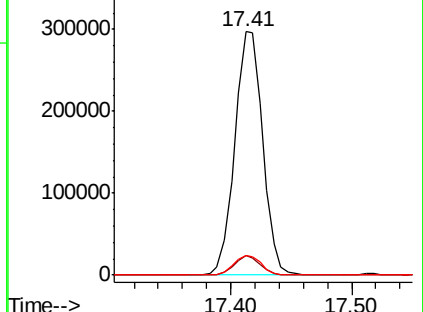
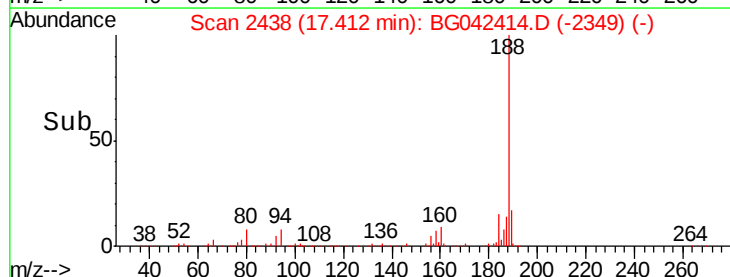
80 8.0 4.9 7.3#

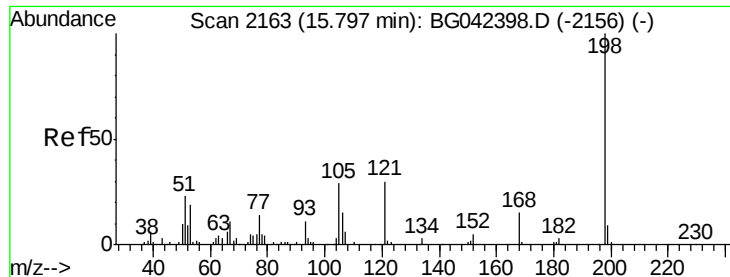


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 27.590 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

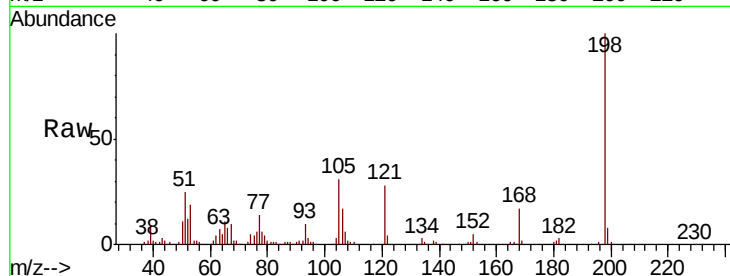
Tot Ion:198 Resp: 82608

Ion Ratio Lower Upper

198 100

51 25.4 4.2 44.2

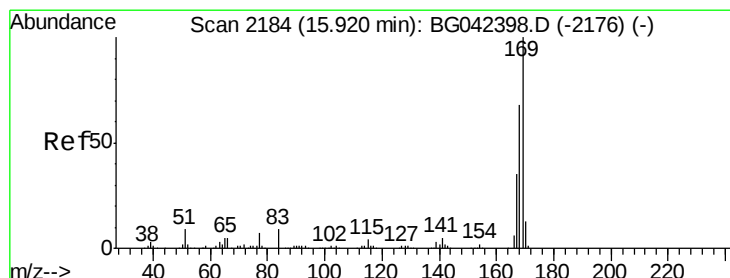
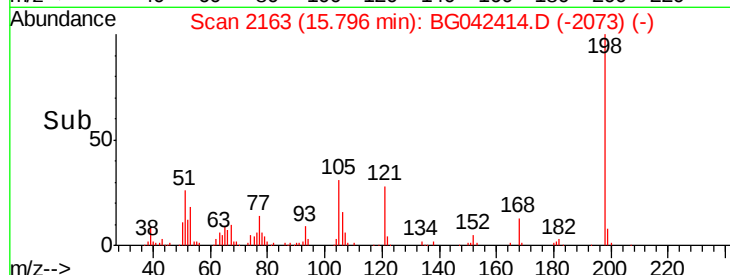
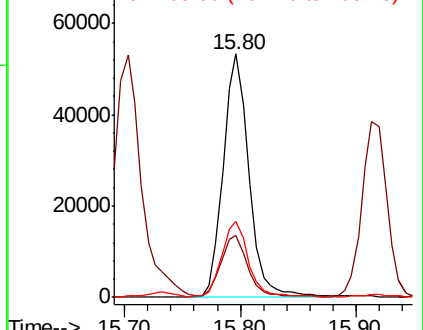
105 31.0 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.863 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

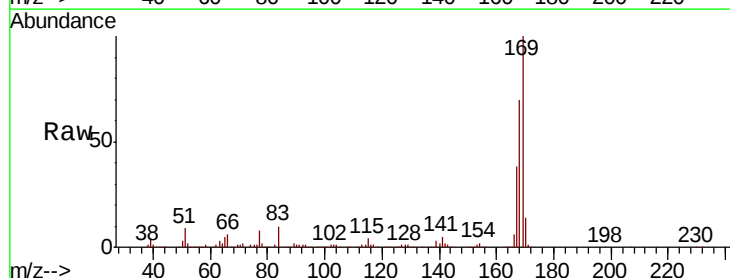
Tgt Ion:169 Resp: 628602

Ion Ratio Lower Upper

169 100

168 69.7 54.3 81.5

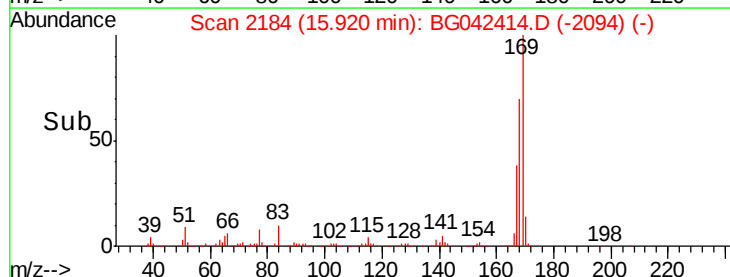
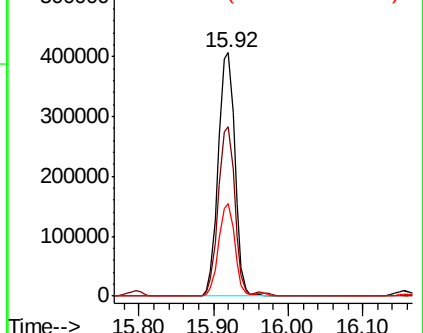
167 37.9 28.2 42.2

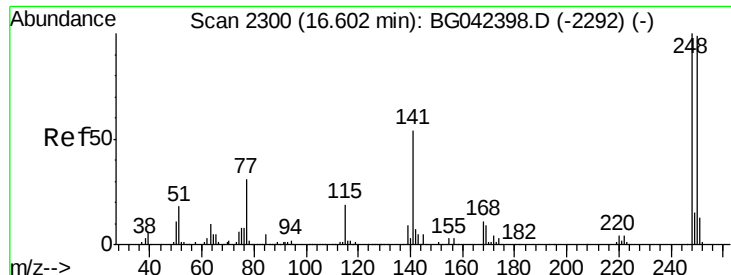


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

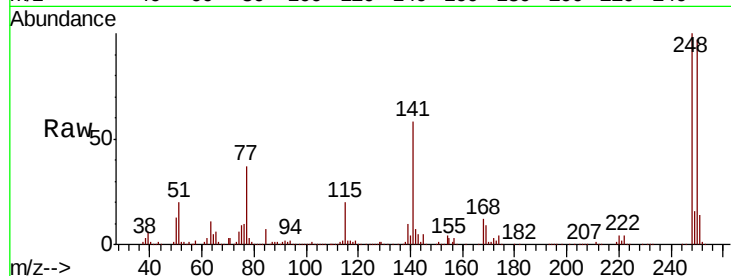




#67
 4-Bromophenyl-phenylether
 Concen: 45.239 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.9	118.3
141	57.8	43.3	64.9

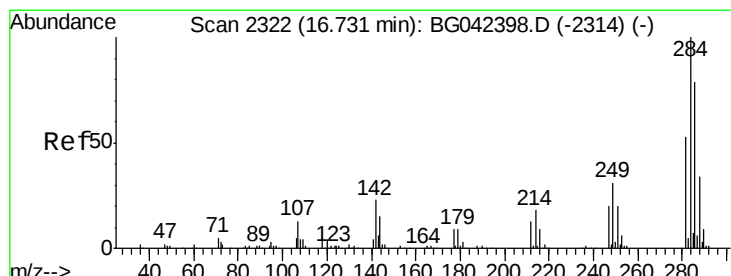
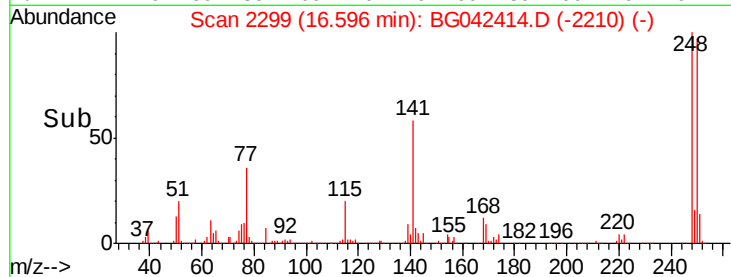
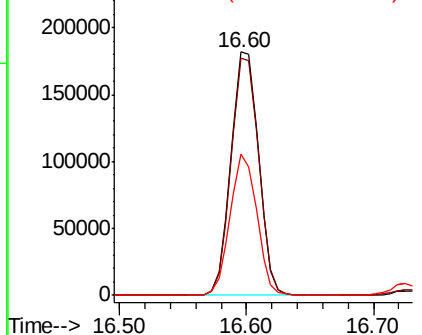


Abundance

Ion 248.00 (247.70 to 248.70): E

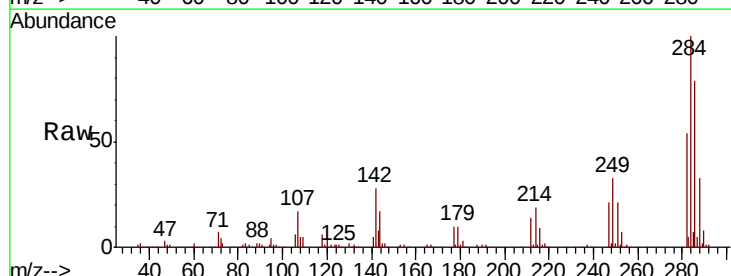
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.862 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	18.2	27.4#
249	33.0	25.0	37.4

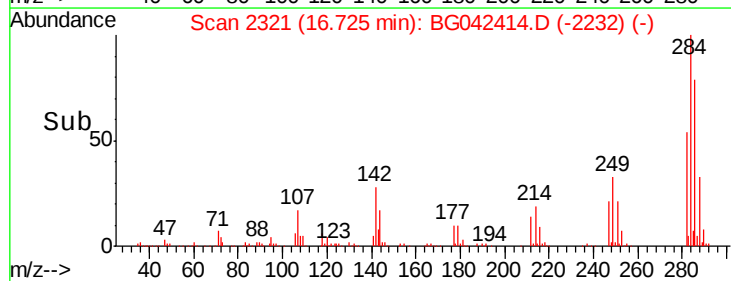
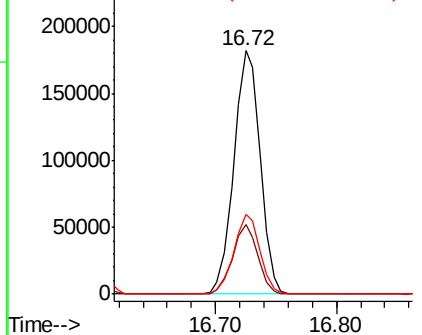


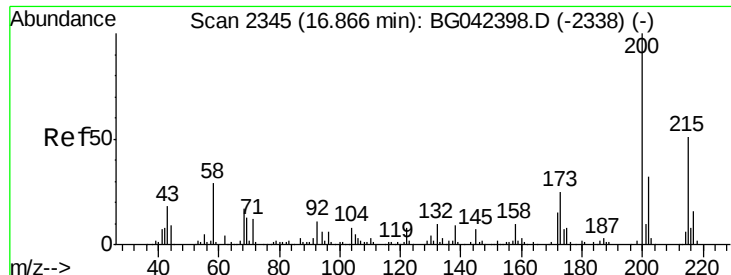
Abundance

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: 50.400 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampled :

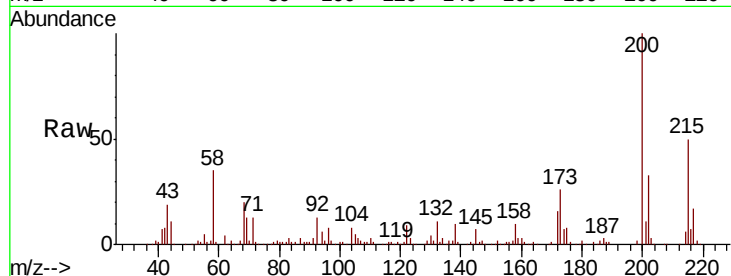
Tot Ion:200 Resp: 234074

Ion Ratio Lower Upper

200 100

173 25.7 4.9 44.9

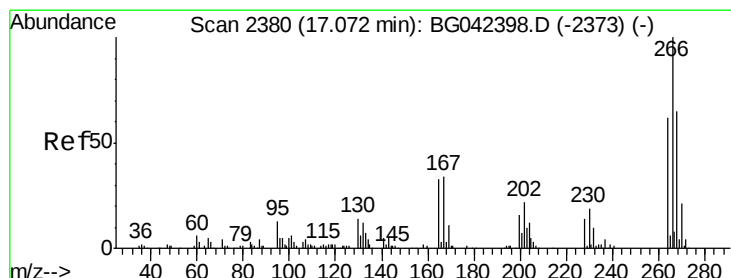
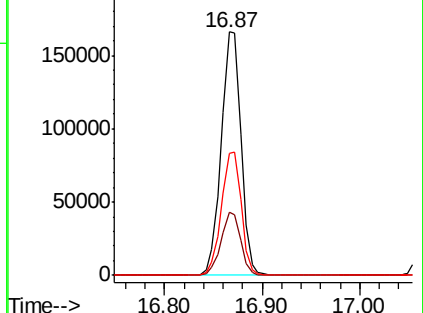
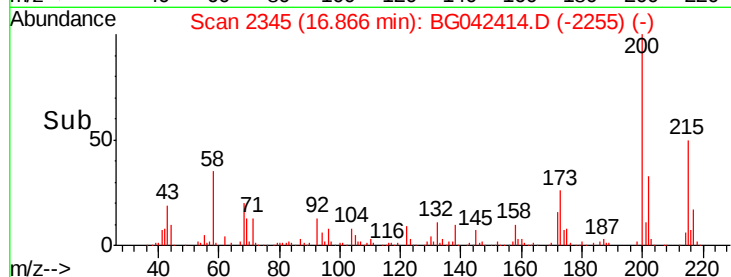
215 50.4 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 81.946 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

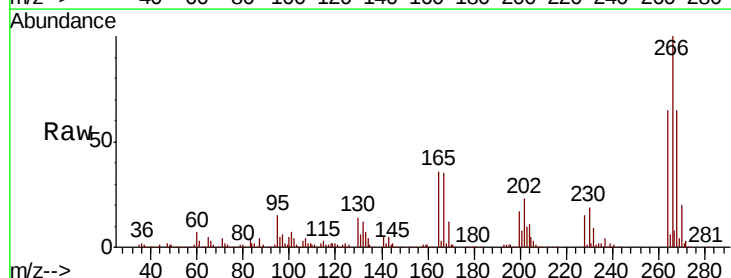
Tgt Ion:266 Resp: 280379

Ion Ratio Lower Upper

266 100

268 64.9 52.1 78.1

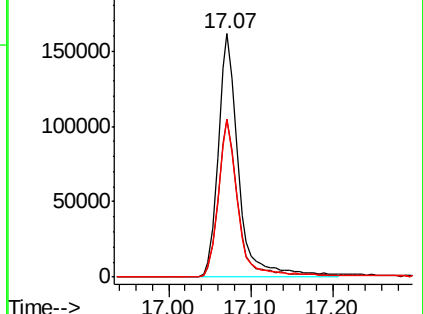
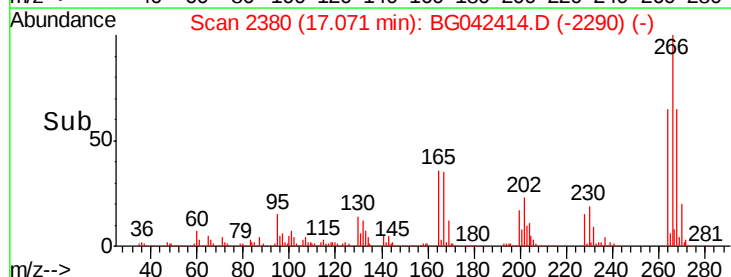
264 64.6 49.4 74.2

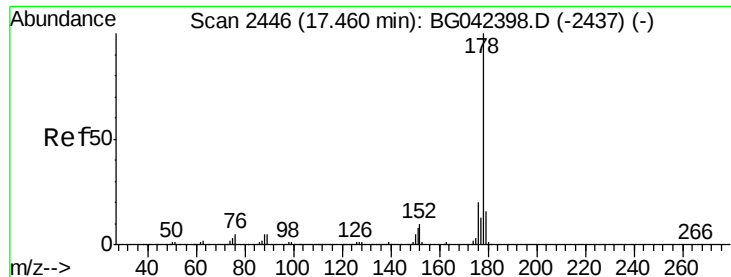


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

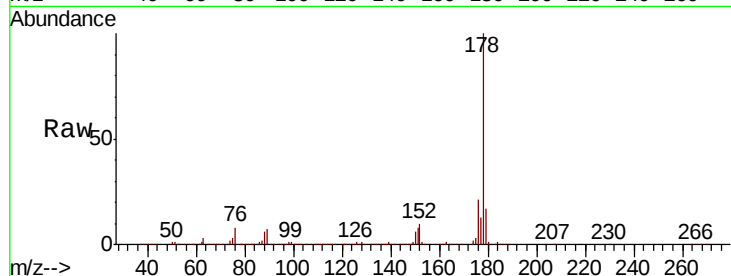




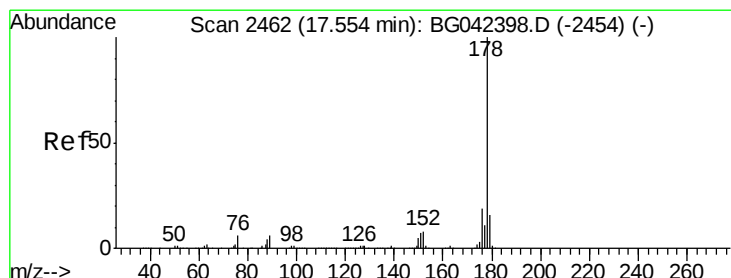
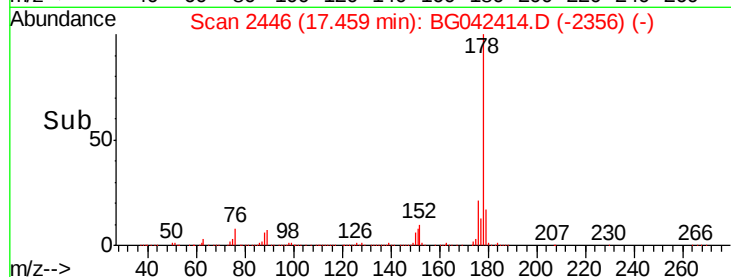
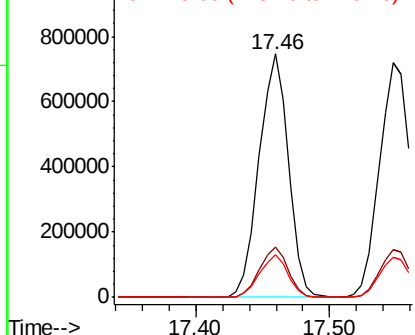
#71
Phenanthrene
Concen: 47.720 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1131997
Ion Ratio Lower Upper
178 100
176 20.8 15.9 23.9
179 17.3 12.7 19.1

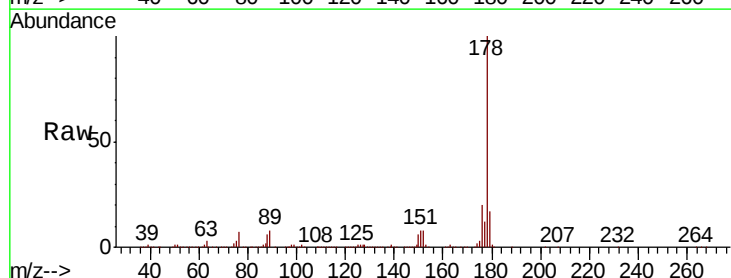


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

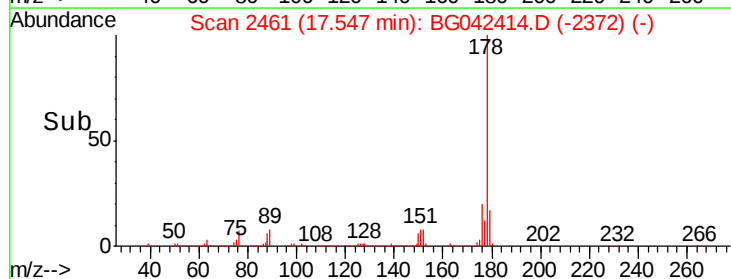
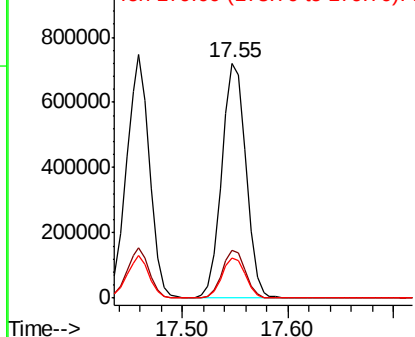


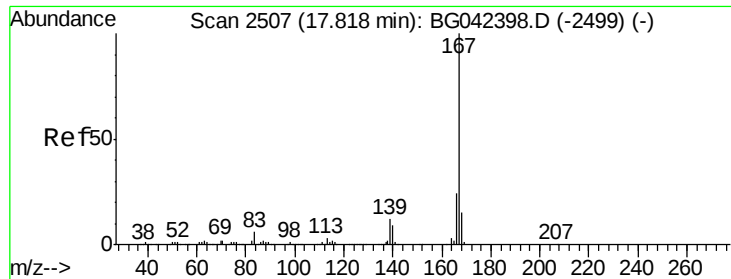
#72
Anthracene
Concen: 48.252 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Tgt Ion:178 Resp: 1142657
Ion Ratio Lower Upper
178 100
176 20.5 15.5 23.3
179 17.1 12.9 19.3



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





#73

Carbazole

Concen: 48.024 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

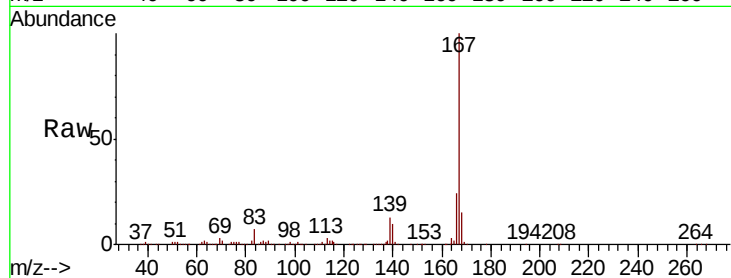
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1013580

Ion	Ratio	Lower	Upper
167	100		
166	24.4	18.9	28.3
139	13.2	9.8	14.6

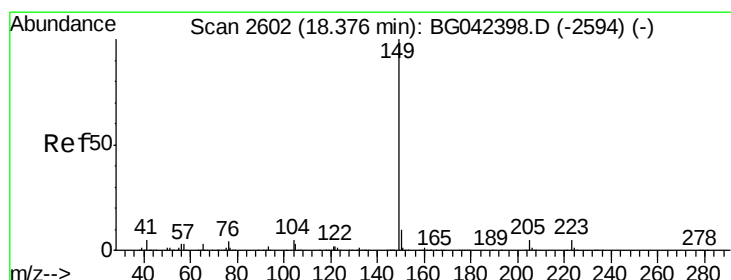
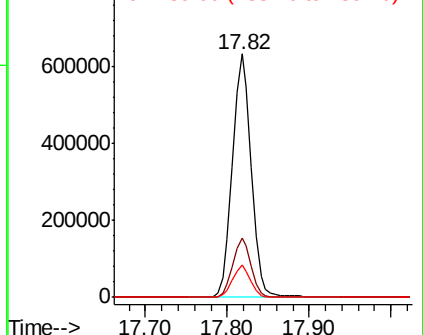
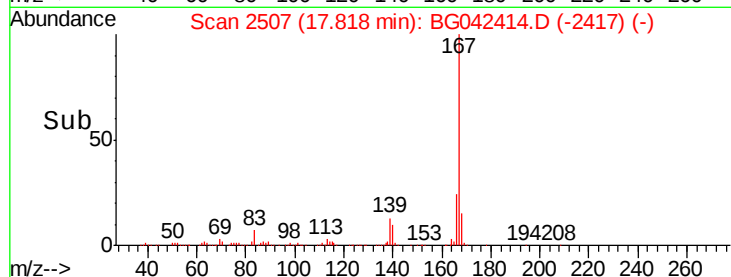


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.014 ng

RT: 18.38 min Scan# 2602

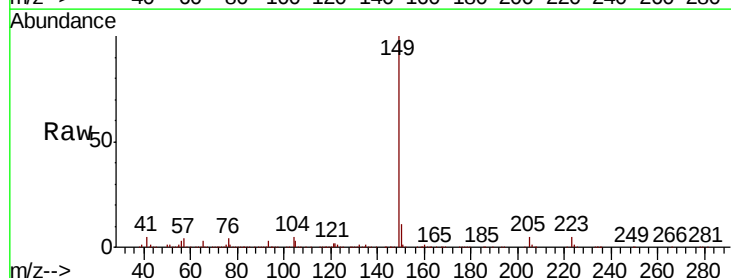
Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Tgt Ion:149 Resp: 1247781

Ion	Ratio	Lower	Upper
149	100		
150	11.3	8.1	12.1
104	4.7	3.7	5.5

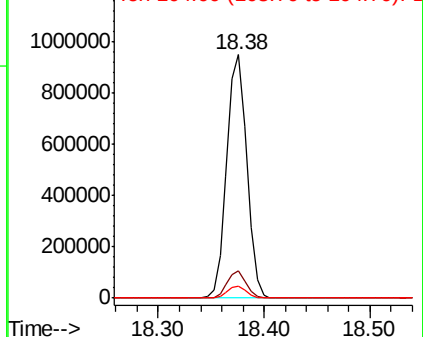
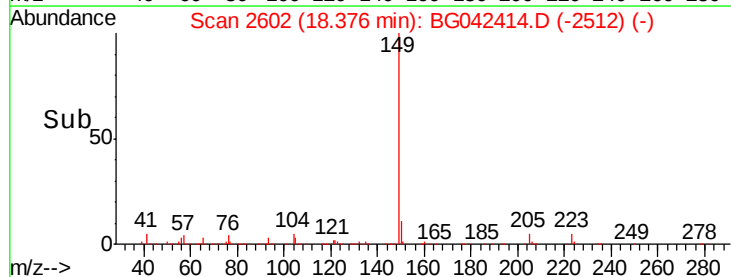


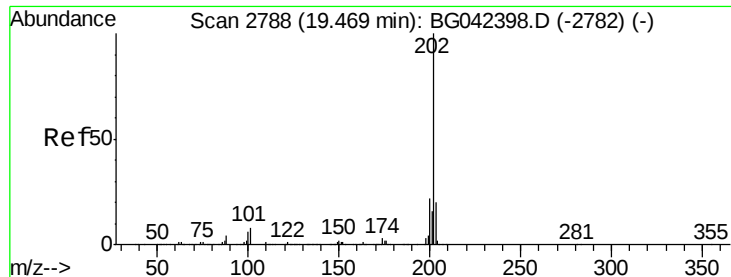
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.180 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

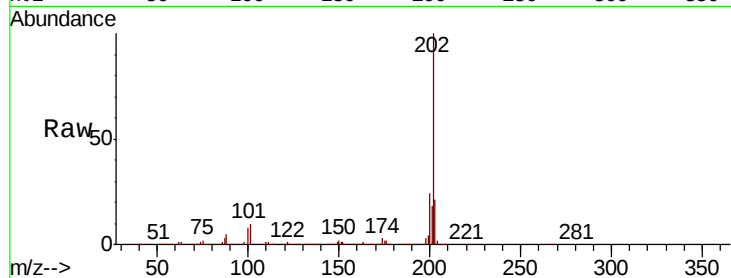
Tot Ion:202 Resp: 1336918

Ion Ratio Lower Upper

202 100

101 9.8 0.0 28.3

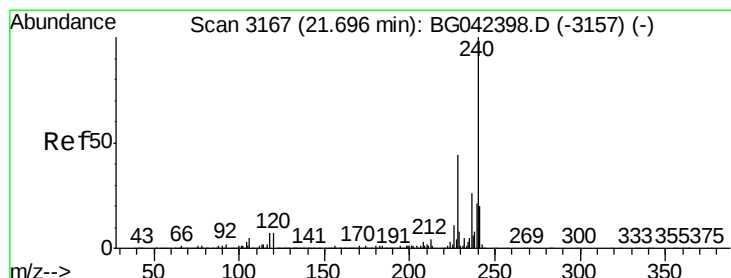
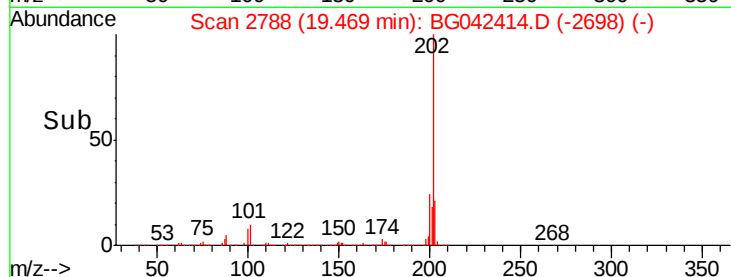
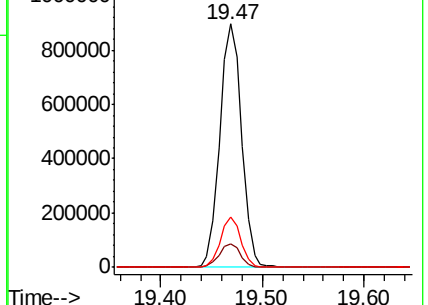
203 20.6 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

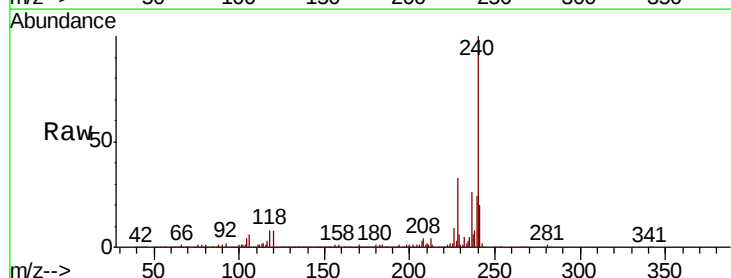
Tgt Ion:240 Resp: 465053

Ion Ratio Lower Upper

240 100

120 8.0 5.7 8.5

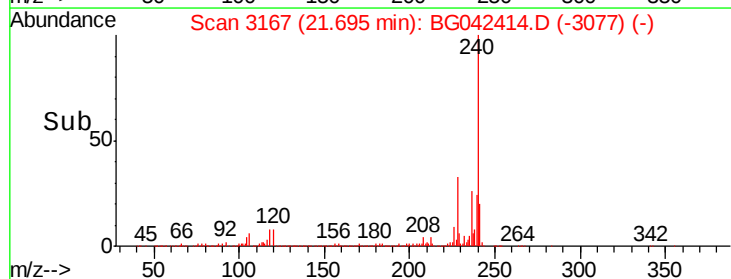
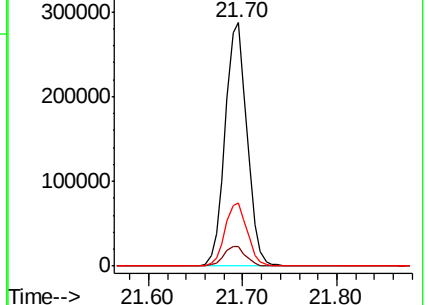
236 26.0 21.0 31.4

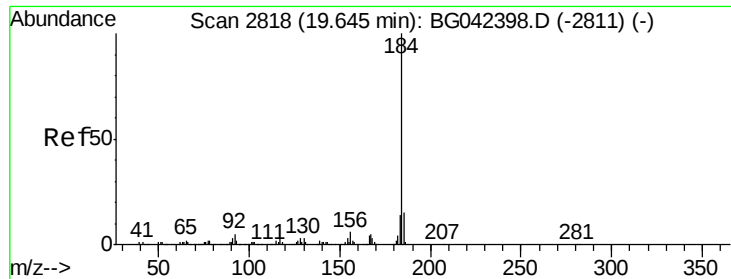


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.147 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

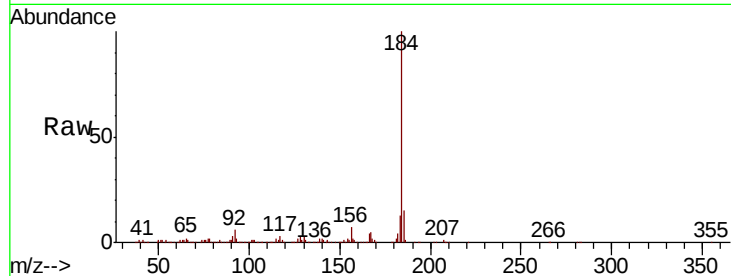
Tot Ion:184 Resp: 561956

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.4

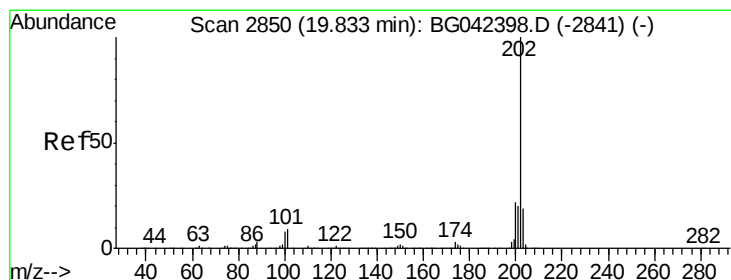
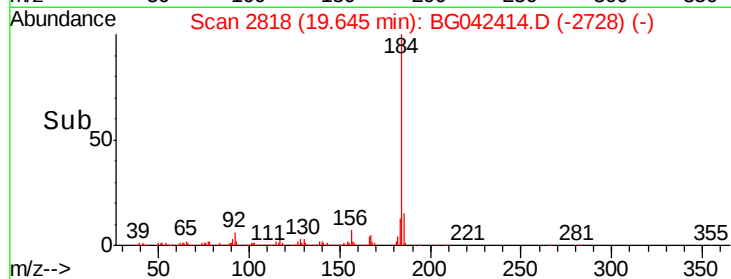
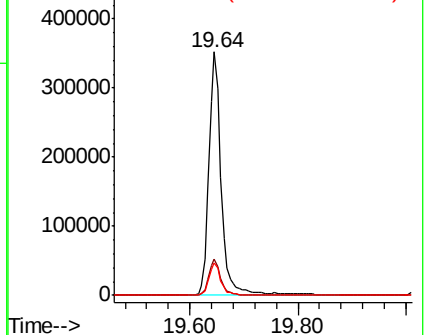
183 13.3 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.918 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

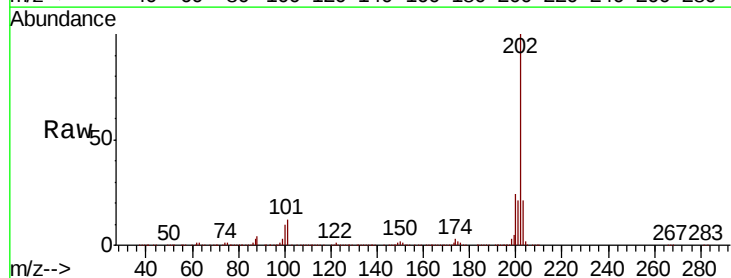
Tgt Ion:202 Resp: 1366245

Ion Ratio Lower Upper

202 100

200 24.1 17.8 26.6

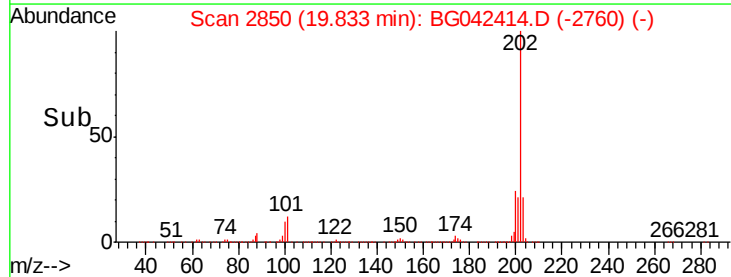
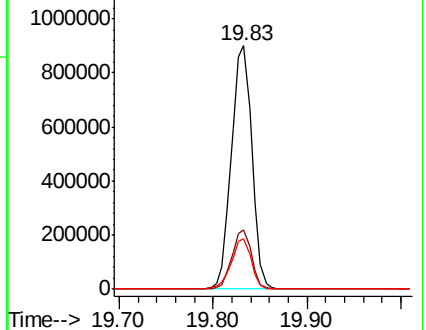
203 20.6 15.5 23.3

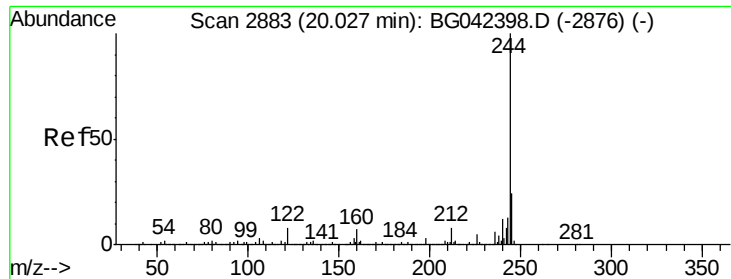


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.795 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

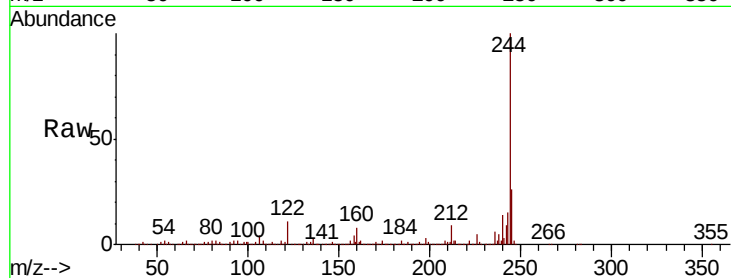
Tot Ion:244 Resp: 1845537

Ion Ratio Lower Upper

244 100

212 8.7 6.0 9.0

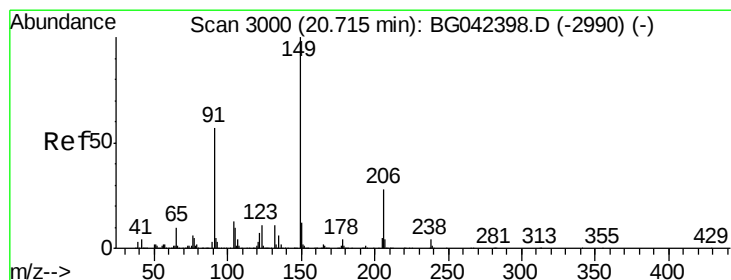
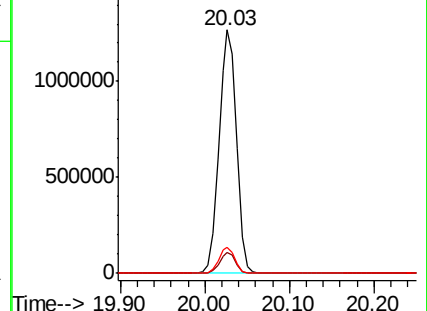
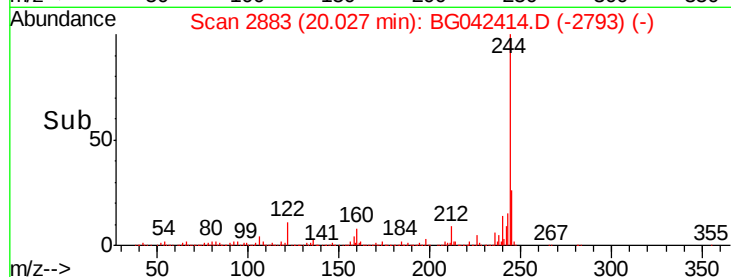
122 10.9 6.7 10.1#



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: 54.079 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

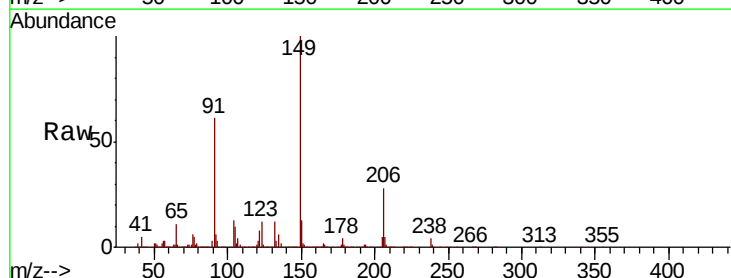
Tgt Ion:149 Resp: 606470

Ion Ratio Lower Upper

149 100

91 60.8 45.9 68.9

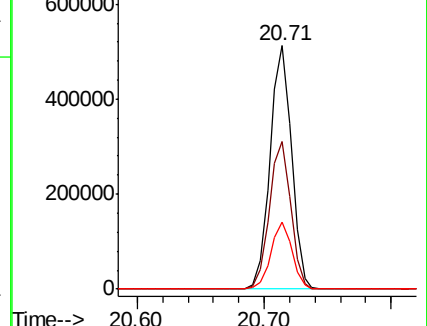
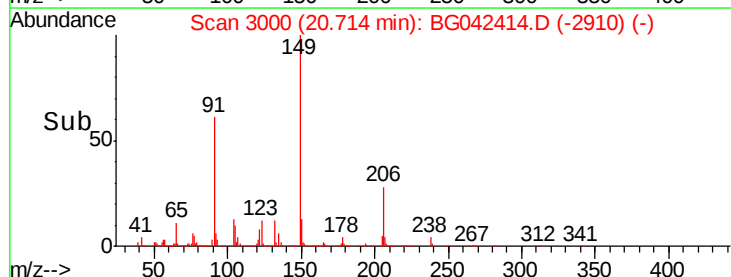
206 27.6 22.5 33.7

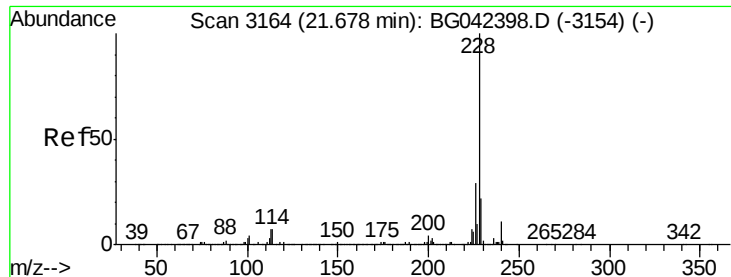


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

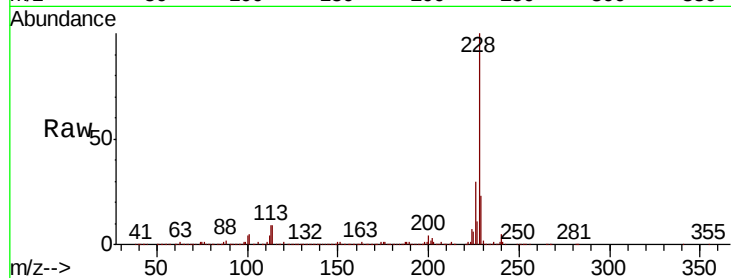




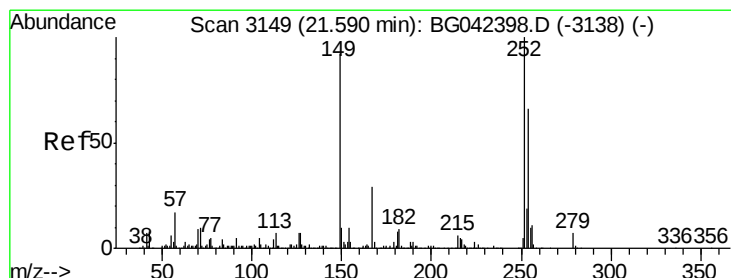
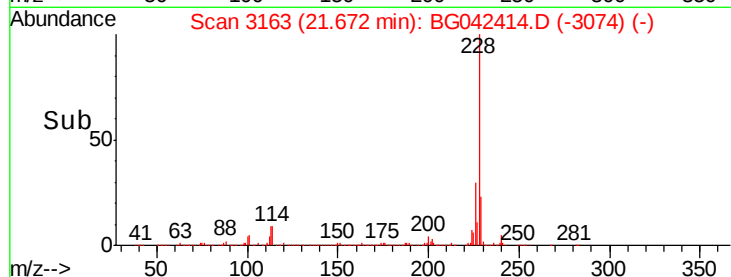
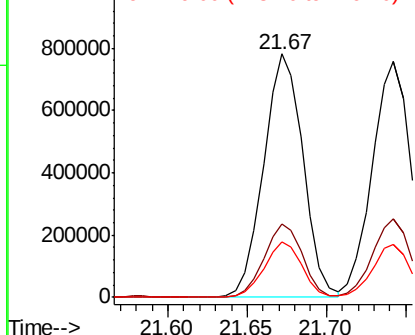
#81
Benzo(a)anthracene
Concen: 47.639 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1347703
Ion Ratio Lower Upper
228 100
226 30.1 23.4 35.2
229 22.6 17.4 26.2

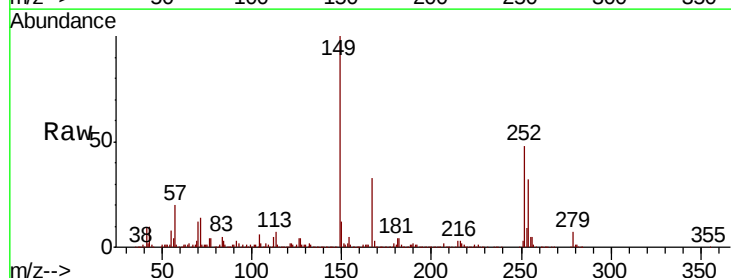


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

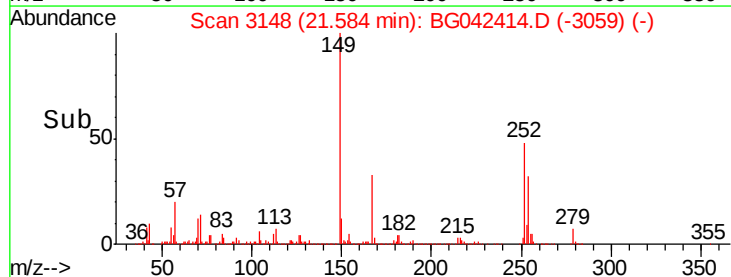
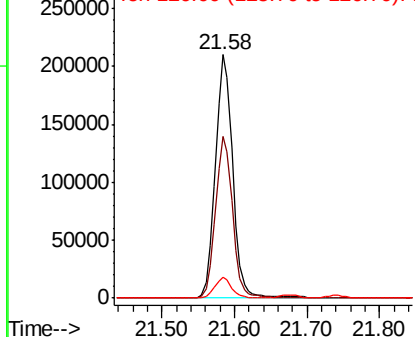


#82
3,3'-Dichlorobenzidine
Concen: 30.716 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Tgt Ion:252 Resp: 349481
Ion Ratio Lower Upper
252 100
254 66.6 53.0 79.4
126 8.8 5.7 8.5#



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



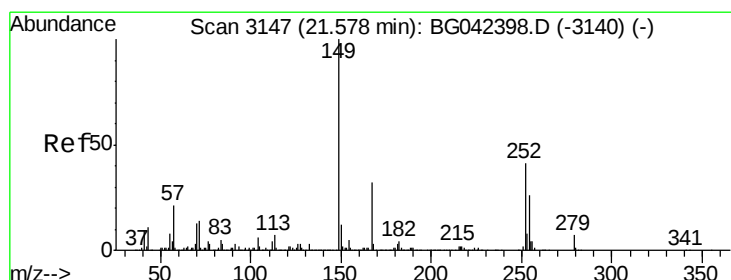
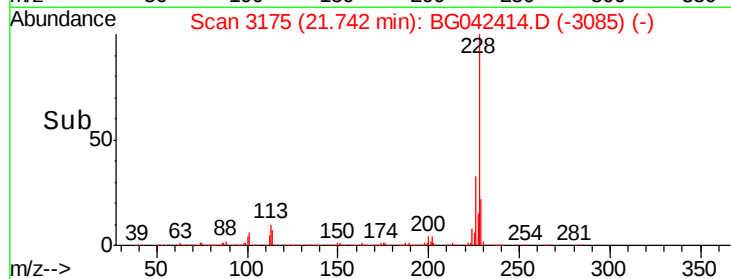
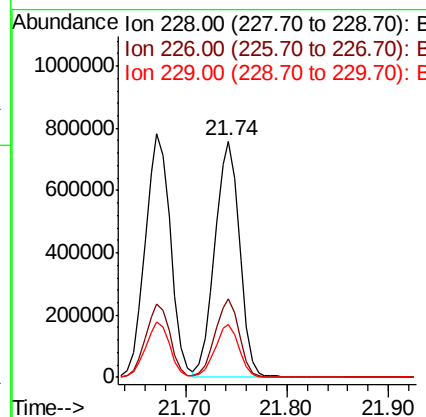
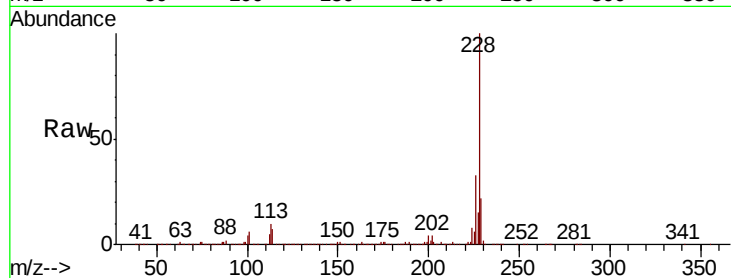


#83
 Chrvsene
 Concen: 47.119 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1285571

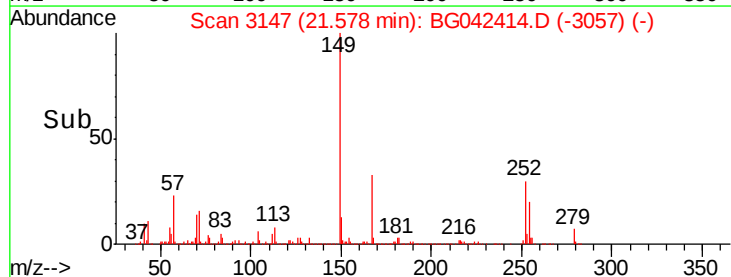
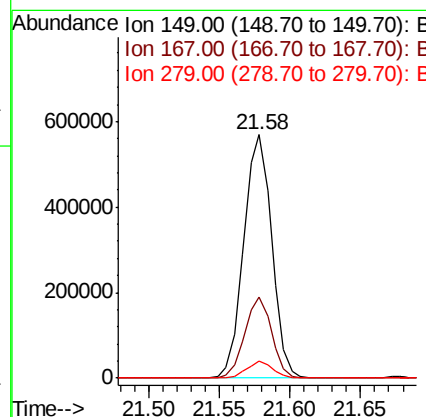
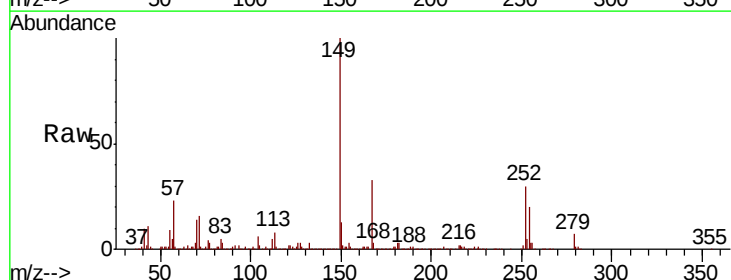
Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.9	37.3
229	22.3	16.9	25.3

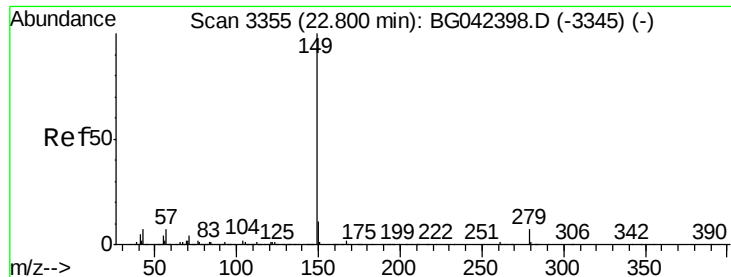


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.558 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG042414.D
 Acq: 22 Aug 2019 23:28

Tgt Ion:149 Resp: 787225

Ion	Ratio	Lower	Upper
149	100		
167	33.3	26.0	39.0
279	7.0	5.4	8.0

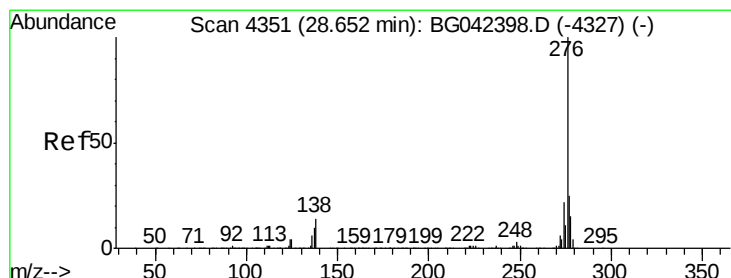
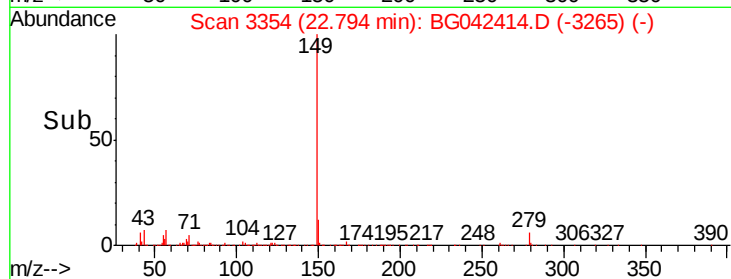
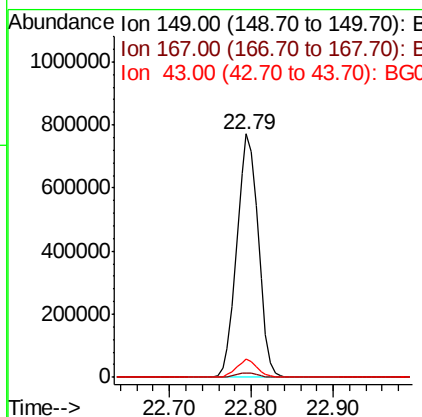
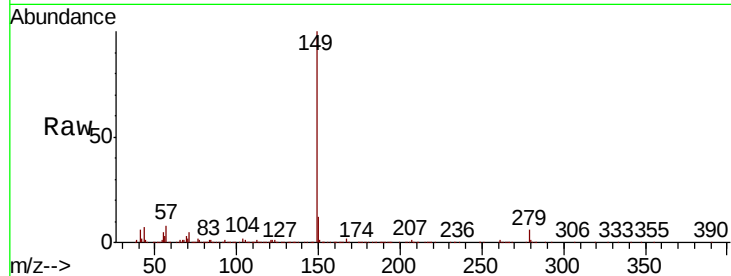




#85
Di-n-octyl phthalate
Concen: 52.587 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

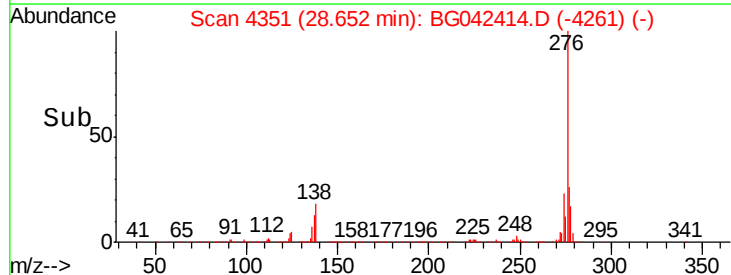
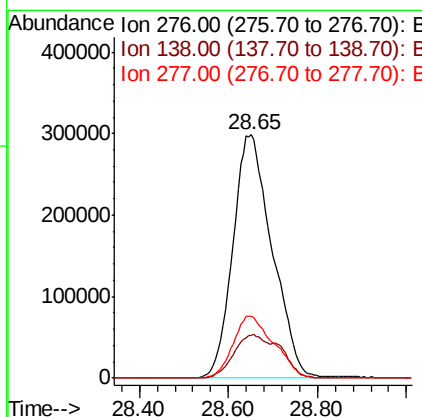
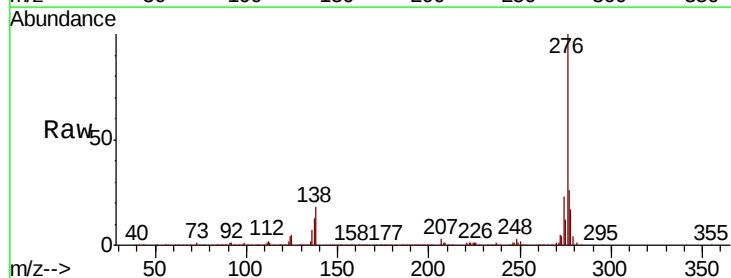
Instrument :
BNA_G
ClientSampled :

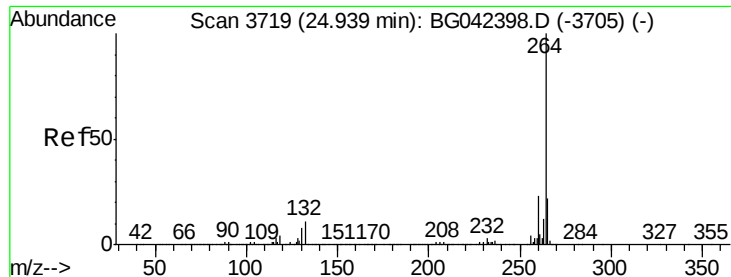
Tot Ion:149 Resp: 1408285
Ion Ratio Lower Upper
149 100
167 1.9 1.6 2.4
43 7.0 5.3 7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.132 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.00 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Tgt Ion:276 Resp: 1821664
Ion Ratio Lower Upper
276 100
138 14.9 9.2 13.8#
277 26.5 21.0 31.6

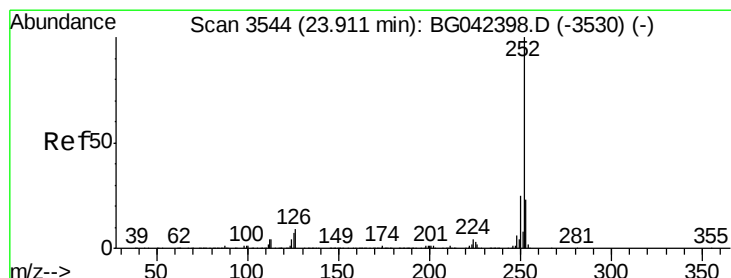
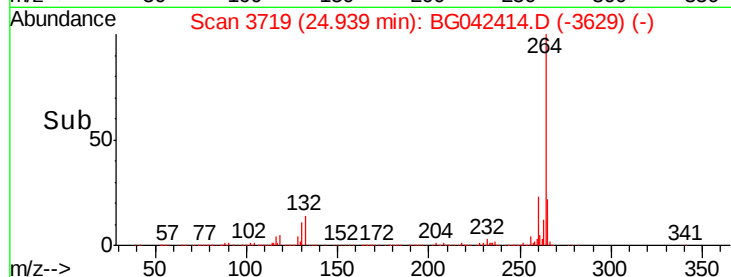
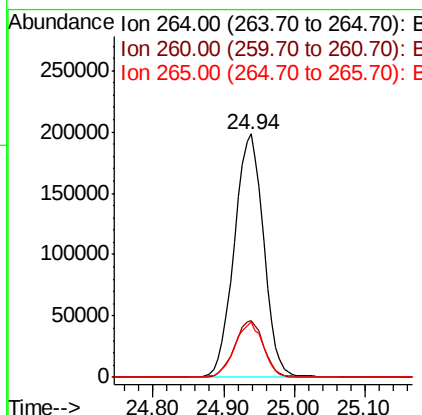
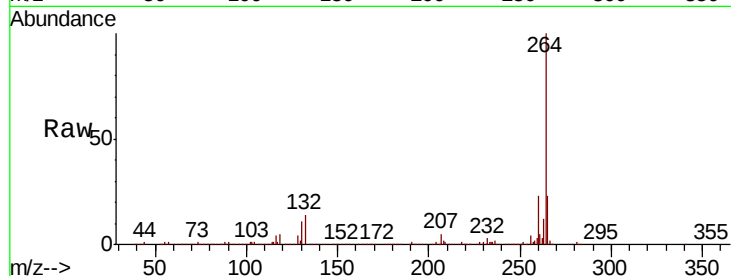




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

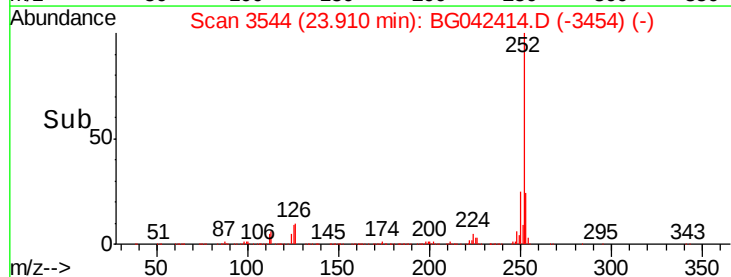
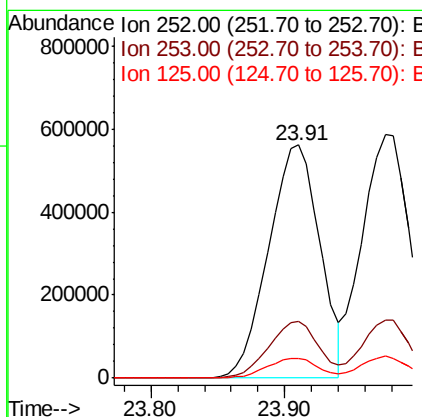
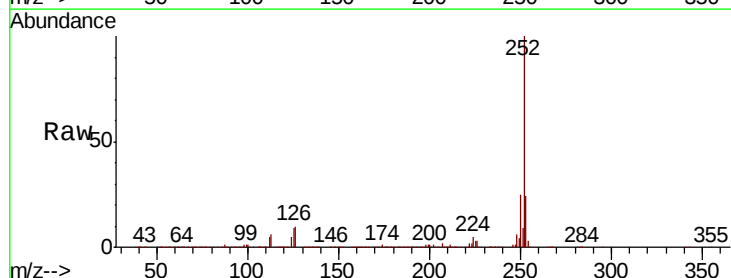
Instrument :
BNA_G
ClientSampled :

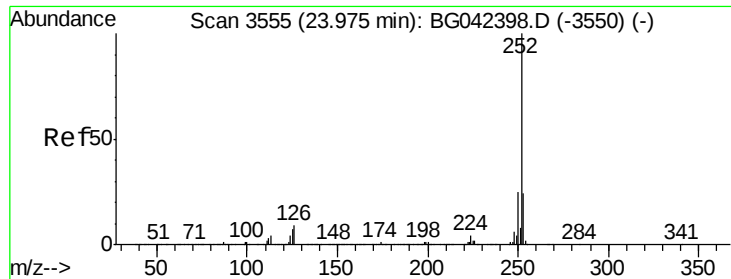
Tot Ion:264 Resp: 573582
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 22.5 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 47.525 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Tgt Ion:252 Resp: 1498627
Ion Ratio Lower Upper
252 100
253 24.3 18.6 27.8
125 8.6 5.6 8.4#

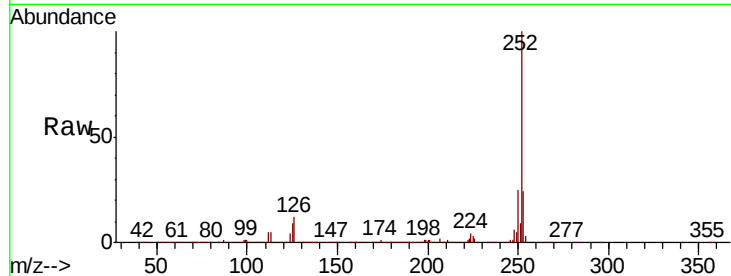




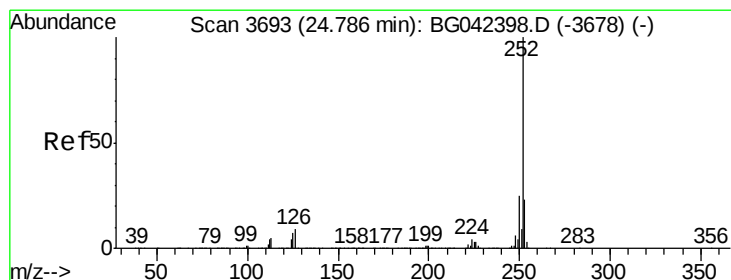
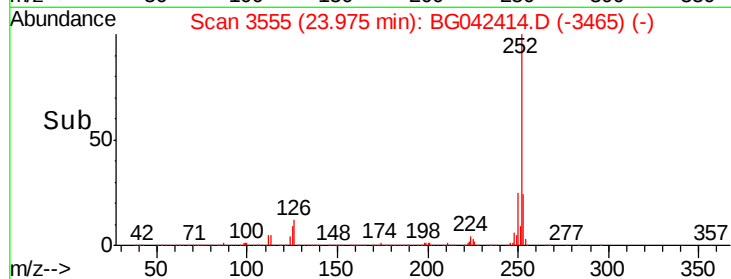
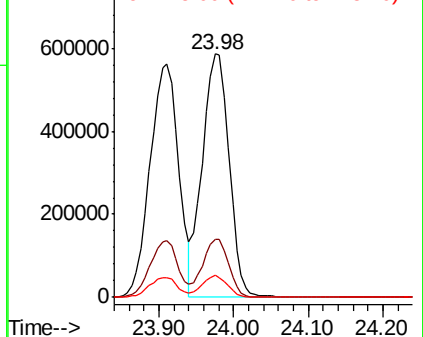
#89
Benzo(k)fluoranthene
Concen: 48.106 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1458106
Ion Ratio Lower Upper
252 100
253 24.0 18.6 27.8
125 9.1 5.8 8.6#

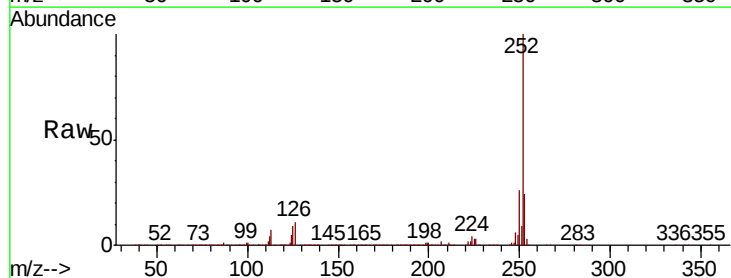


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

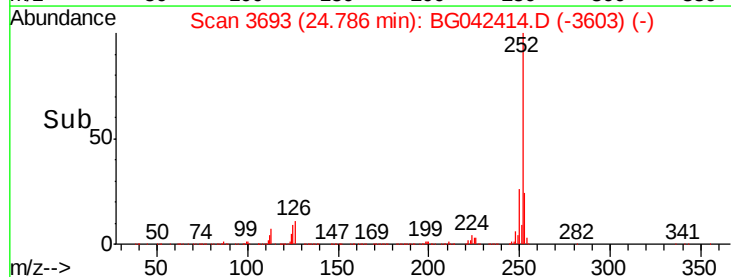
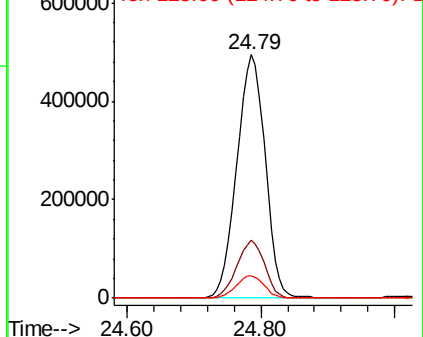


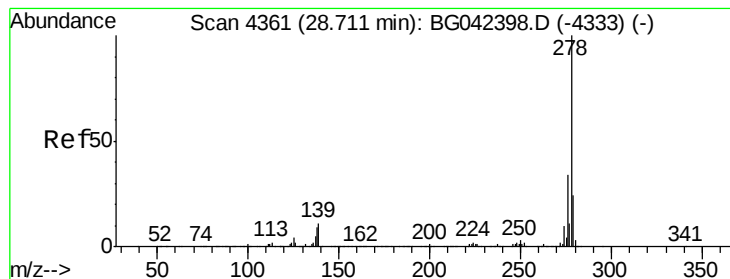
#90
Benzo(a)pyrene
Concen: 48.556 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG042414.D
Acq: 22 Aug 2019 23:28

Tgt Ion:252 Resp: 1452905
Ion Ratio Lower Upper
252 100
253 24.0 18.4 27.6
125 9.2 6.0 9.0#



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





#91

Dibenzo(a,h)anthracene

Concen: 49.277 ng

RT: 28.71 min Scan# 4361

Delta R.T. -0.00 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

Instrument :

BNA_G

ClientSampleId :

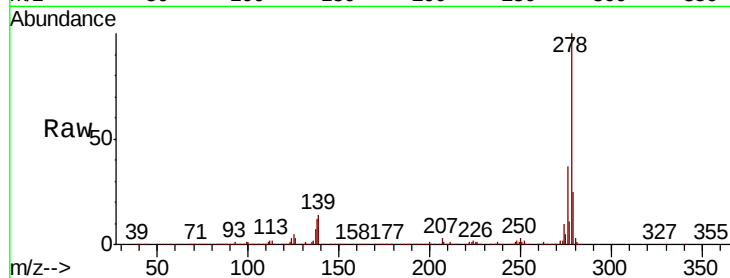
Tot Ion:278 Resp: 1492940

Ion Ratio Lower Upper

278 100

139 13.8 8.8 13.2#

279 25.3 19.1 28.7

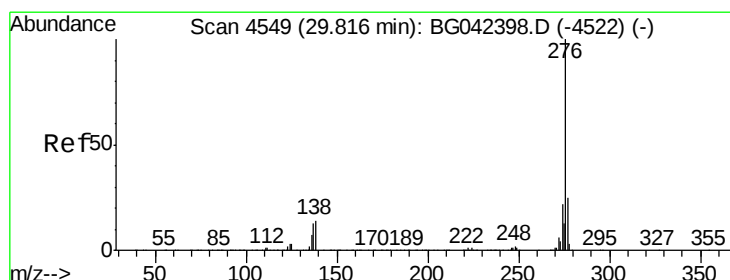
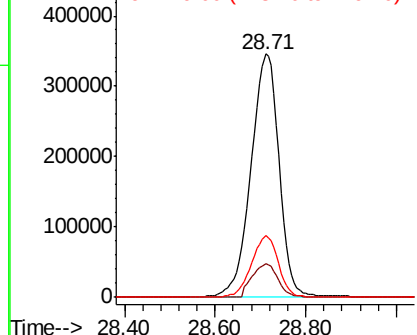
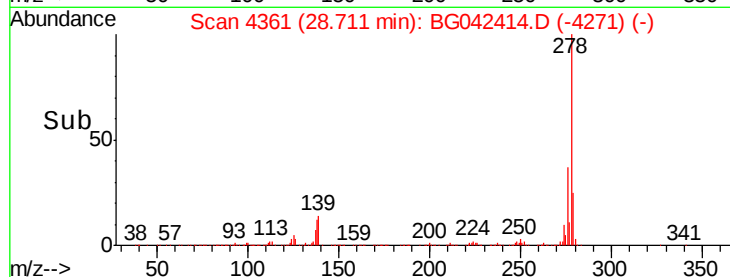


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.844 ng

RT: 29.80 min Scan# 4547

Delta R.T. -0.01 min

Lab File: BG042414.D

Acq: 22 Aug 2019 23:28

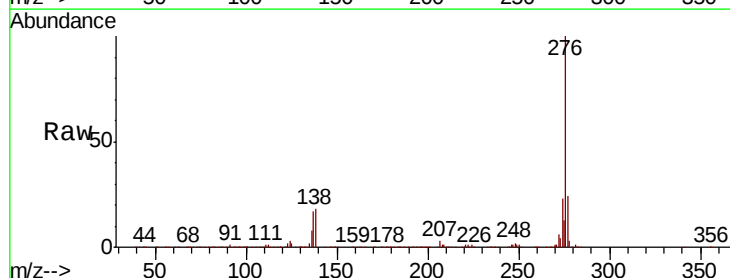
Tgt Ion:276 Resp: 1510351

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 18.3 11.4 17.0#



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

