

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042381.D
 Acq On : 21 Aug 2019 13:33
 Operator : HP/JU
 Sample : PB122256BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 21 17:33:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	66381	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	262318	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	177221	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	366452	20.00	ng	0.00
76) Chrysene-d12	21.70	240	380963	20.00	ng	0.00
87) Perylene-d12	24.94	264	388283	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	408505	124.68	ng	0.00
7) Phenol-d6	7.18	99	519952	116.85	ng	0.01
23) Nitrobenzene-d5	9.18	82	297987	79.90	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	269827	111.79	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	865702	82.66	ng	0.00
79) Terphenyl-d14	20.03	244	1349699	77.60	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	51607	36.525	ng	96
3) Pyridine	3.83	79	116495	32.188	ng	100
4) n-Nitrosodimethylamine	3.74	42	52176	41.874	ng	96
6) Aniline	7.32	93	172436	29.364	ng	99
8) 2-Chlorophenol	7.57	128	177531	44.573	ng	98
9) Benzaldehyde	7.14	77	43671	17.448	ng	98
10) Phenol	7.20	94	197142	43.579	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	146377	40.966	ng	98
12) 1,3-Dichlorobenzene	7.89	146	202395	39.927	ng	100
13) 1,4-Dichlorobenzene	8.04	146	205925	40.333	ng	99
14) 1,2-Dichlorobenzene	8.36	146	194290	39.875	ng	99
15) Benzyl Alcohol	8.25	79	130961	42.795	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	194146	39.402	ng	99
17) 2-Methylphenol	8.46	107	138888	41.522	ng	97
18) Hexachloroethane	9.10	117	69701	39.722	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	110078	38.462	ng	99
20) 3+4-Methylphenols	8.79	107	190218	41.105	ng	99
22) Acetophenone	8.83	105	237416	42.596	ng	96
24) Nitrobenzene	9.22	77	163185	42.940	ng	100
25) Isophorone	9.75	82	302204	40.521	ng	100
26) 2-Nitrophenol	9.93	139	106665	45.150	ng	98
27) 2,4-Dimethylphenol	10.00	122	158477	48.353	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	192412	40.053	ng	99
29) 2,4-Dichlorophenol	10.48	162	190452	43.704	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	222020	41.680	ng	99
31) Naphthalene	10.88	128	515992	42.447	ng	99
32) Benzoic acid	10.15	122	82498	36.796	ng	94
33) 4-Chloroaniline	10.99	127	141413	25.510	ng	96
34) Hexachlorobutadiene	11.17	225	144458	40.467	ng	97
35) Caprolactam	11.76	113	28220	20.318	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	166094	40.777	ng	97
37) 2-Methylnaphthalene	12.49	142	399617	41.009	ng	99
38) 1-Methylnaphthalene	12.71	142	374536	40.350	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	252649	44.229	ng	98

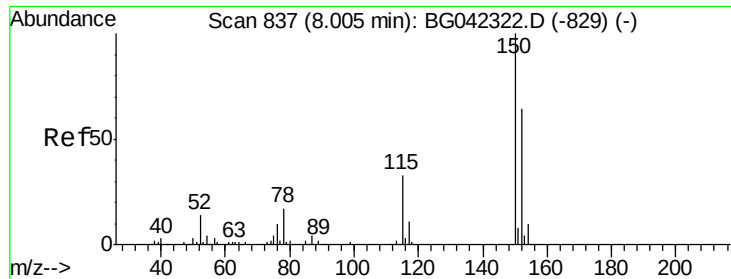
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042381.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	325880	97.285	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	167516	43.814	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	175204	44.492	ng	100
46) 1,1'-Biphenyl	13.50	154	504861	43.665	ng	97
47) 2-Chloronaphthalene	13.54	162	414390	42.040	ng	99
48) 2-Nitroaniline	13.74	65	91532	39.291	ng	100
49) Acenaphthylene	14.39	152	625629	42.221	ng	100
50) Dimethylphthalate	14.12	163	499951	39.701	ng	100
51) 2,6-Dinitrotoluene	14.23	165	121624	41.267	ng	98
52) Acenaphthene	14.73	154	365466	40.430	ng	97
53) 3-Nitroaniline	14.57	138	81414	28.093	ng	99
54) 2,4-Dinitrophenol	14.78	184	153140	80.359	ng	99
55) Dibenzofuran	15.07	168	617909	41.966	ng	99
56) 4-Nitrophenol	14.89	139	211210	101.025	ng	99
57) 2,4-Dinitrotoluene	15.03	165	162370	39.404	ng	99
58) Fluorene	15.71	166	492310	41.102	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	163411	42.728	ng	# 97
60) Diethylphthalate	15.48	149	474170	38.920	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	291633	40.545	ng	99
62) 4-Nitroaniline	15.73	138	112897	36.866	ng	98
63) Azobenzene	16.00	77	340239	40.074	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	102365	45.782	ng	98
66) n-Nitrosodiphenylamine	15.92	169	444415	43.340	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	196279	42.089	ng	97
68) Hexachlorobenzene	16.73	284	205523	41.143	ng	99
69) Atrazine	16.87	200	155049	44.113	ng	99
70) Pentachlorophenol	17.08	266	250889	94.350	ng	98
71) Phenanthrene	17.46	178	779126	42.690	ng	100
72) Anthracene	17.55	178	796979	43.785	ng	99
73) Carbazole	17.82	167	696217	43.058	ng	99
74) Di-n-butylphthalate	18.38	149	790710	41.923	ng	99
75) Fluoranthene	19.47	202	964712	43.834	ng	100
77) Benzidine	19.65	184	306431	30.337	ng	100
78) Pyrene	19.83	202	966185	41.217	ng	100
80) Butylbenzylphthalate	20.71	149	373497	40.202	ng	99
81) Benzo(a)anthracene	21.68	228	963712	41.192	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	358650	38.515	ng	99
83) Chrysene	21.74	228	951582	42.519	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	539155	41.621	ng	99
85) Di-n-octyl phthalate	22.80	149	944805	42.760	ng	100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1269967	42.499	ng	99
88) Benzo(b)fluoranthene	23.92	252	1087476	50.955	ng	99
89) Benzo(k)fluoranthene	23.98	252	1068487	51.217	ng	99
90) Benzo(a)pyrene	24.79	252	1063050	51.982	ng	99
91) Dibenzo(a,h)anthracene	28.72	278	1057685	51.843	ng	100
92) Benzo(g,h,i)perylene	29.82	276	1057693	52.026	ng	98

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

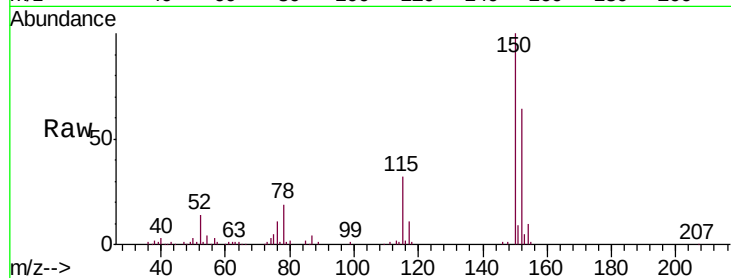


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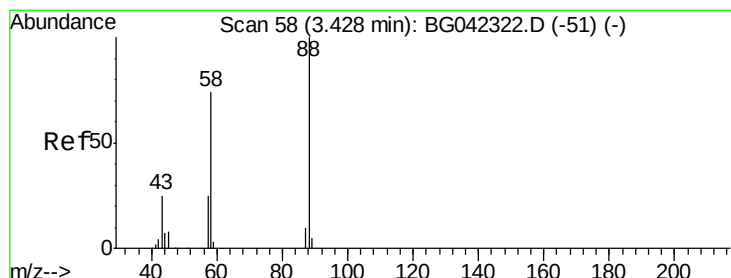
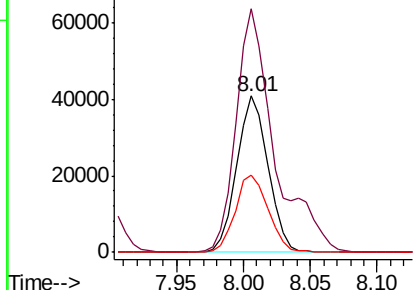
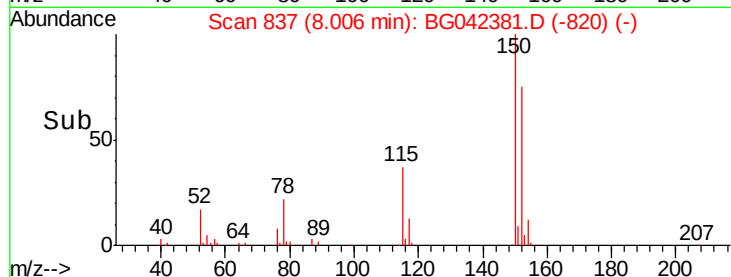
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66381
Ion Ratio Lower Upper
152 100
150 155.9 124.3 186.5
115 49.6 40.5 60.7



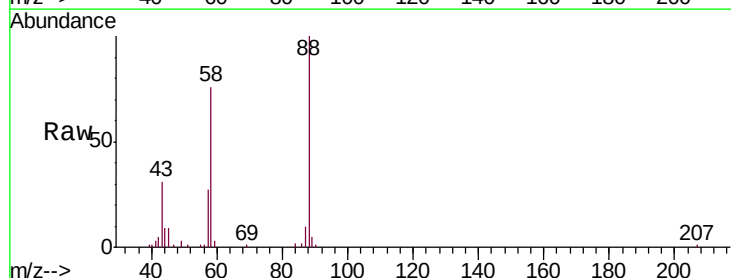
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



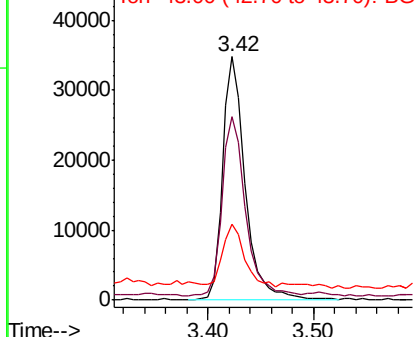
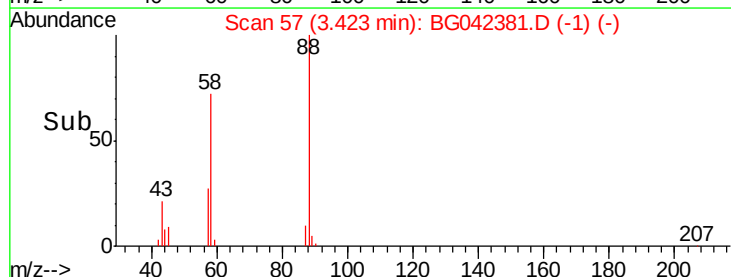
#2

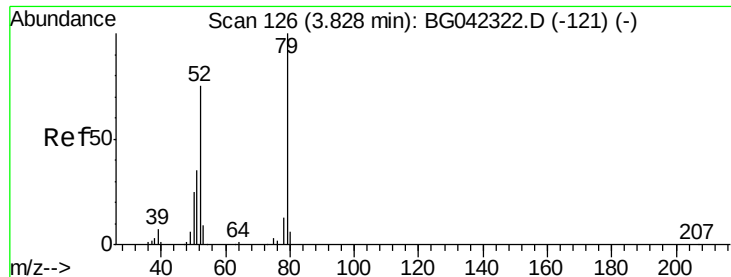
1,4-Dioxane
Concen: 36.525 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion: 88 Resp: 51607
Ion Ratio Lower Upper
88 100
58 76.8 58.6 88.0
43 25.2 19.4 29.0



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: 32.188 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampleId :

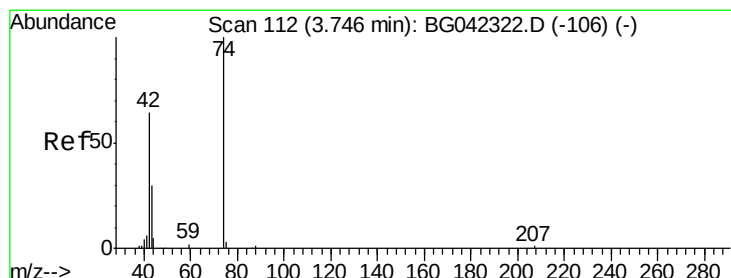
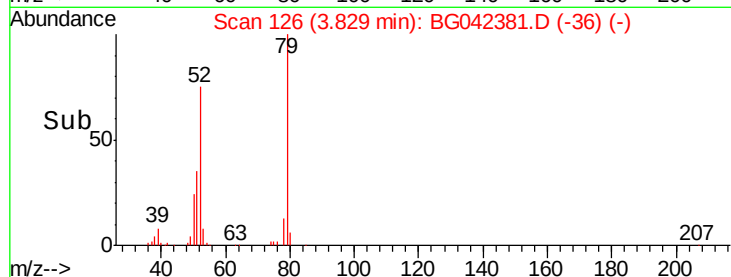
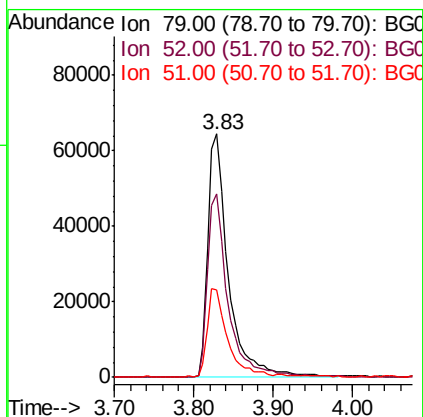
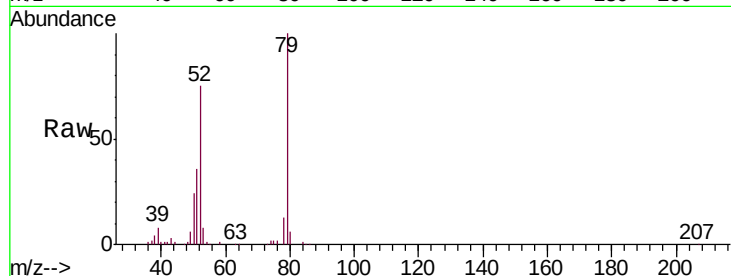
Tot Ion: 79 Resp: 116495

Ion Ratio Lower Upper

79 100

52 75.3 60.0 90.0

51 35.7 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 41.874 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

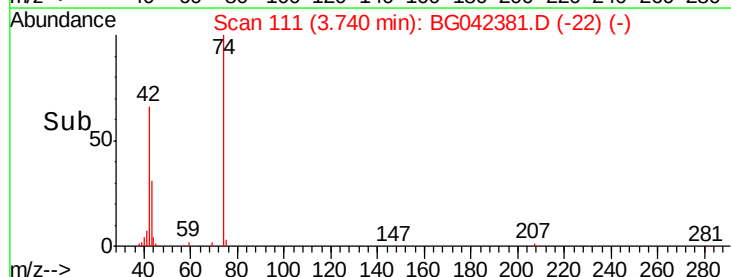
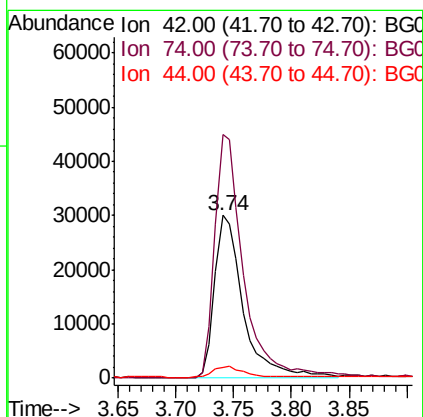
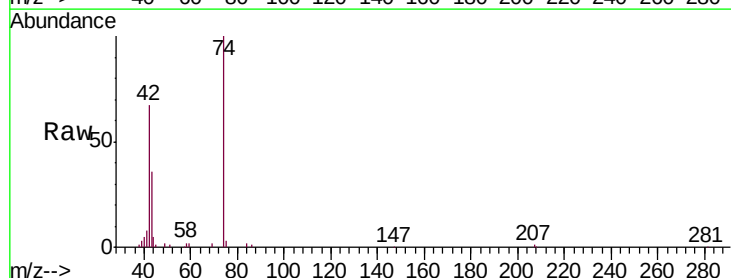
Tgt Ion: 42 Resp: 52176

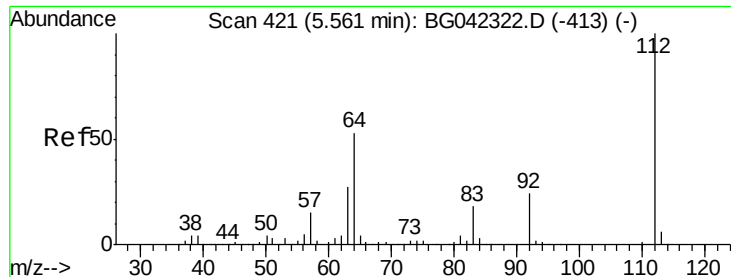
Ion Ratio Lower Upper

42 100

74 149.6 124.2 186.2

44 6.8 6.5 9.7





#5

2-Fluorophenol

Concen: 124.685 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampleId :

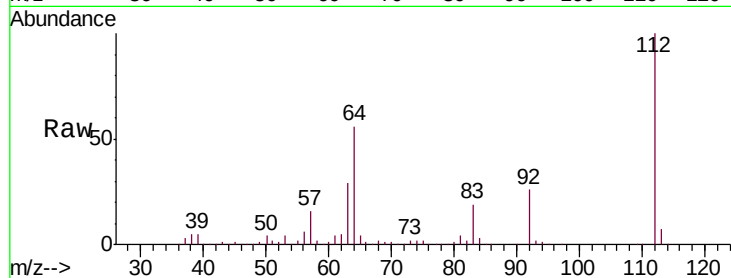
Tot Ion:112 Resp: 408505

Ion Ratio Lower Upper

112 100

64 55.6 42.5 63.7

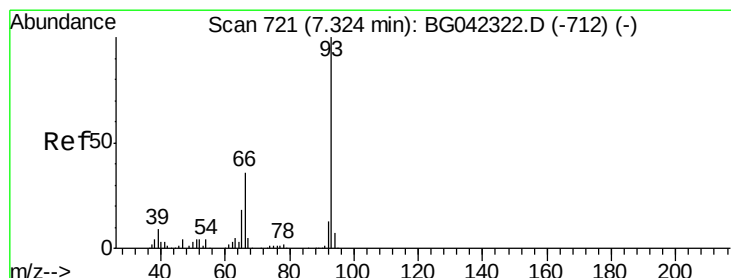
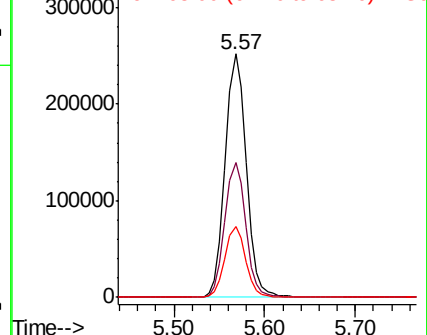
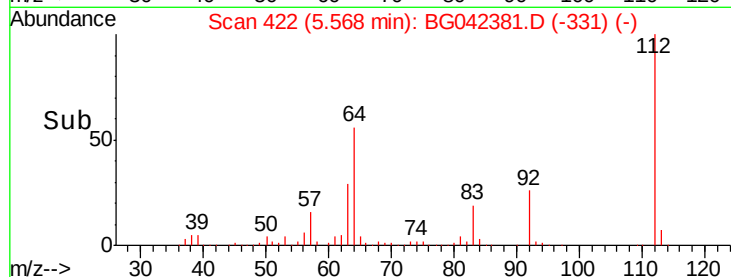
63 29.1 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.364 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

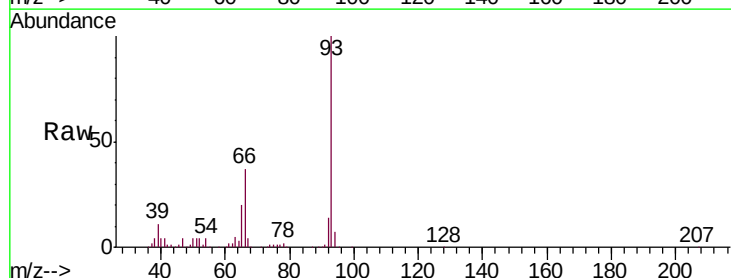
Tgt Ion: 93 Resp: 172436

Ion Ratio Lower Upper

93 100

66 36.7 29.1 43.7

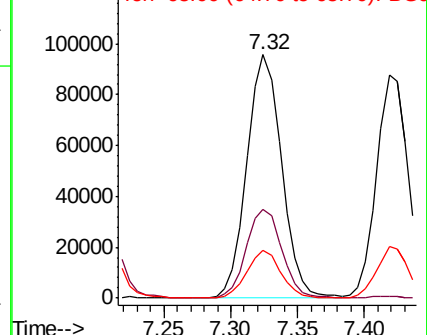
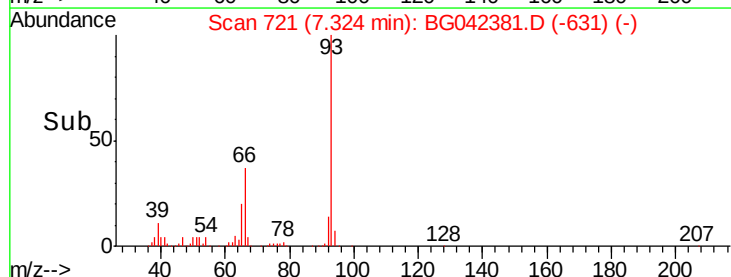
65 19.6 14.7 22.1

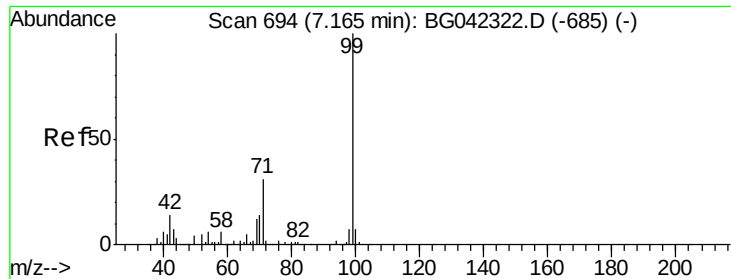


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.853 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampleId :

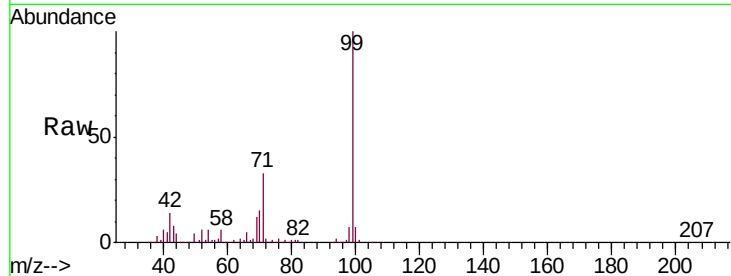
Tot Ion: 99 Resp: 519952

Ion Ratio Lower Upper

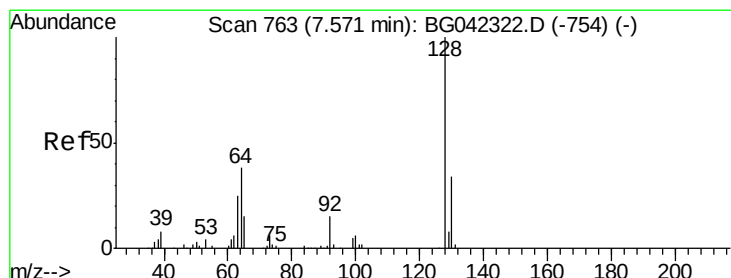
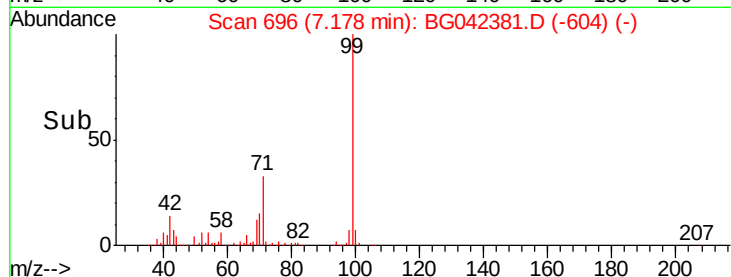
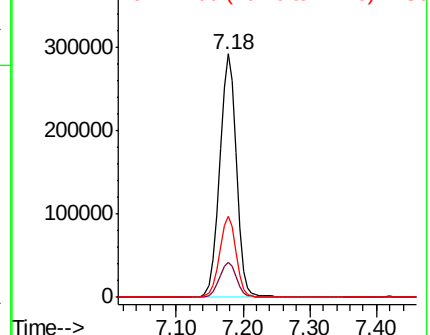
99 100

42 14.4 11.4 17.0

71 33.1 25.1 37.7



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



#8

2-Chlorophenol

Concen: 44.573 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

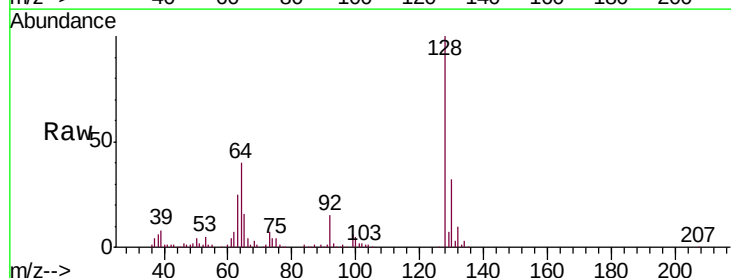
Tgt Ion: 128 Resp: 177531

Ion Ratio Lower Upper

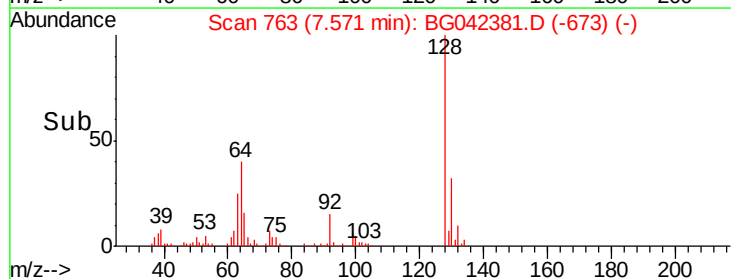
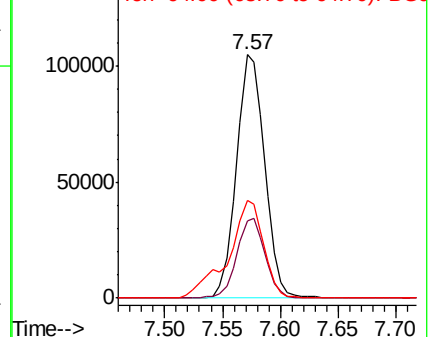
128 100

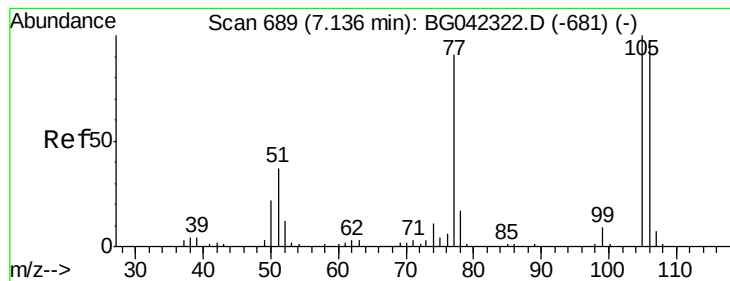
130 31.9 13.5 53.5

64 40.3 19.8 59.8



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





#9

Benzaldehyde

Concen: 17.448 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampleId :

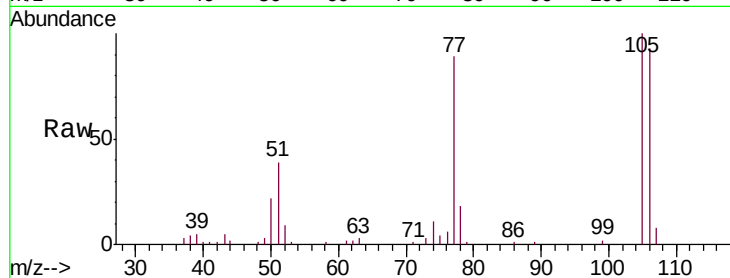
Tot Ion: 77 Resp: 43671

Ion Ratio Lower Upper

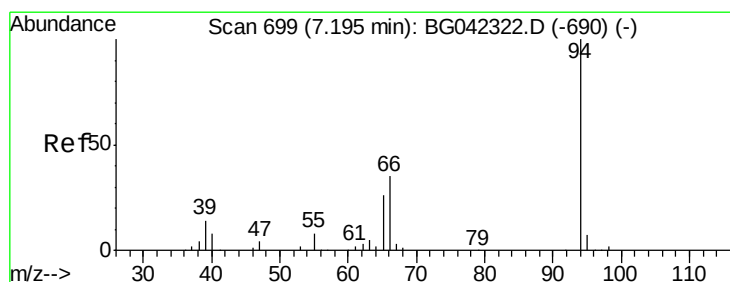
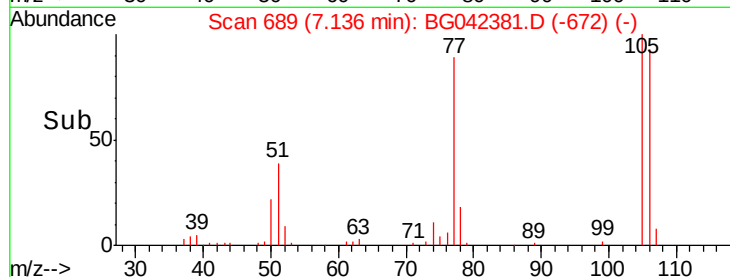
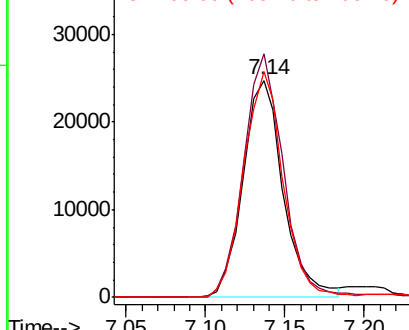
77 100

105 112.3 89.8 129.8

106 104.0 85.1 125.1



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



#10

Phenol

Concen: 43.579 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

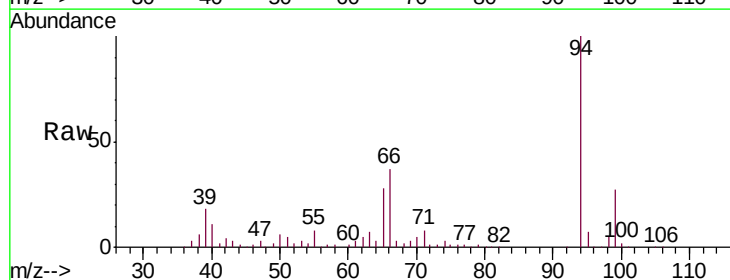
Tgt Ion: 94 Resp: 197142

Ion Ratio Lower Upper

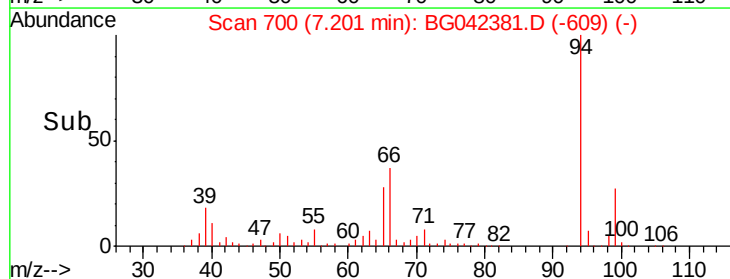
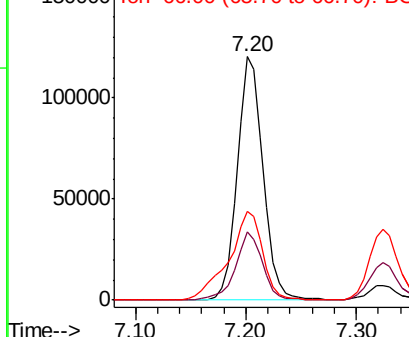
94 100

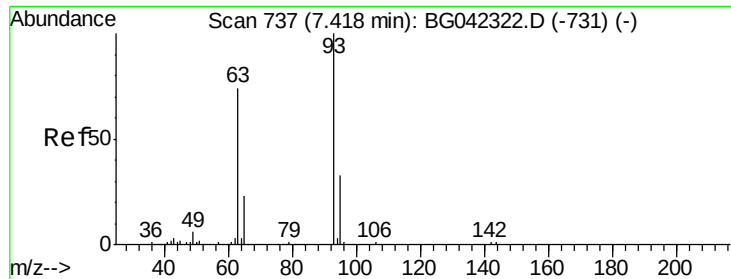
65 28.3 6.1 46.1

66 36.6 15.7 55.7



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



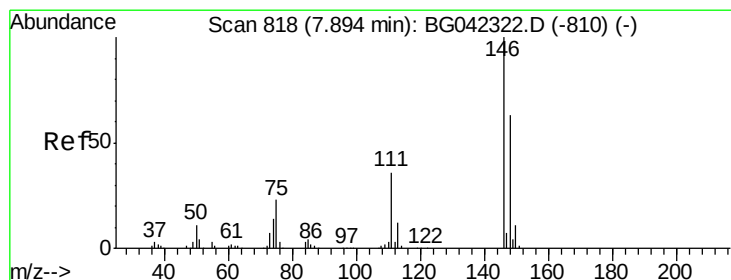
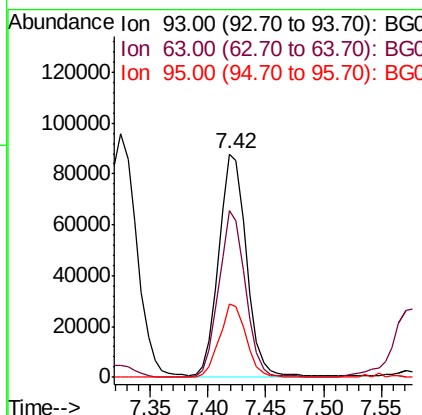
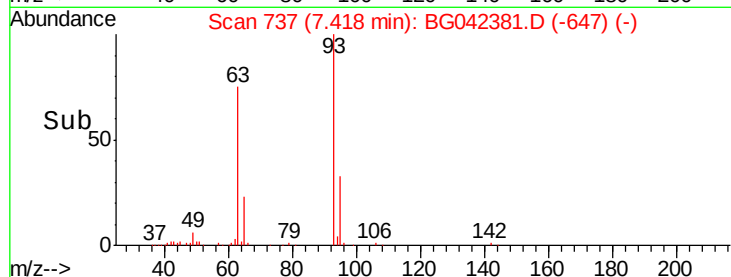
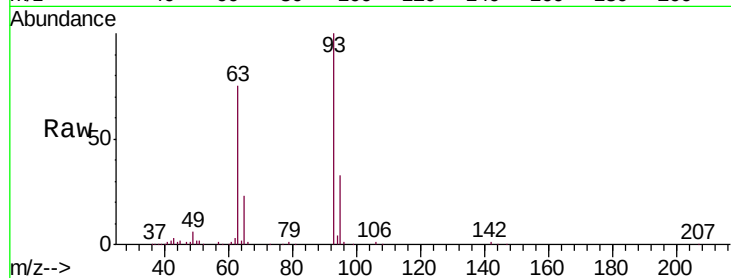


#11
bis(2-Chloroethyl)ether
Concen: 40.966 ng
RT: 7.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 146377

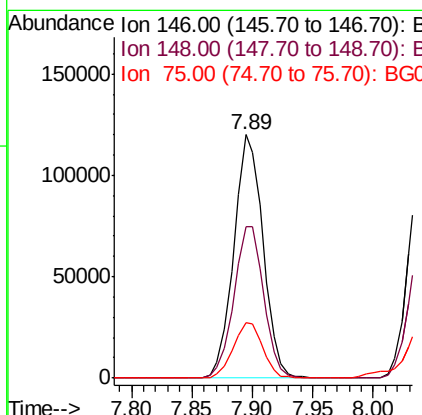
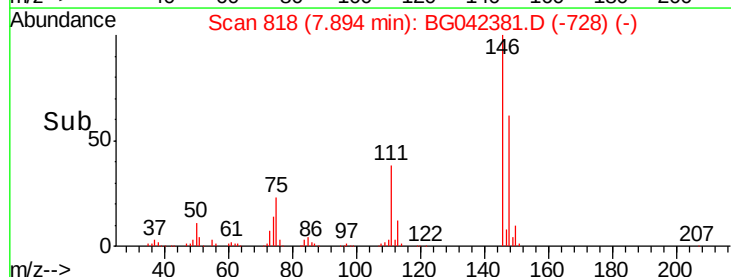
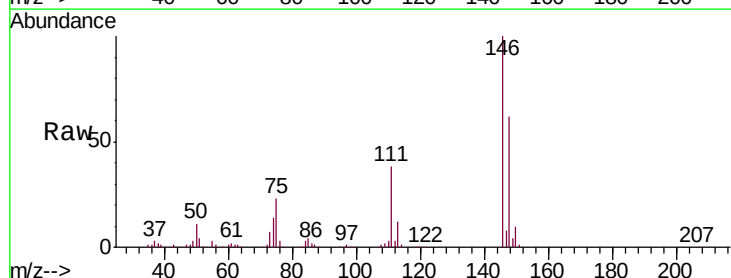
Ion	Ratio	Lower	Upper
93	100		
63	75.0	53.0	93.0
95	32.9	13.0	53.0

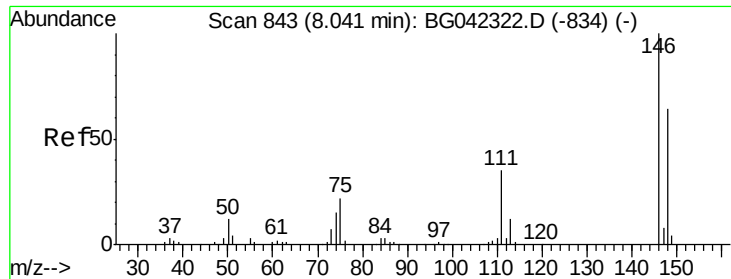


#12
1,3-Dichlorobenzene
Concen: 39.927 ng
RT: 7.89 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion: 146 Resp: 202395

Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.2	75.2
75	22.9	18.2	27.4

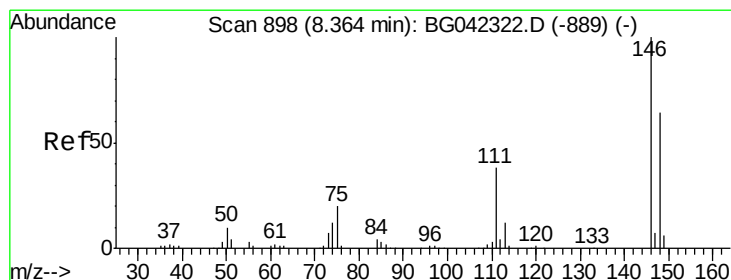
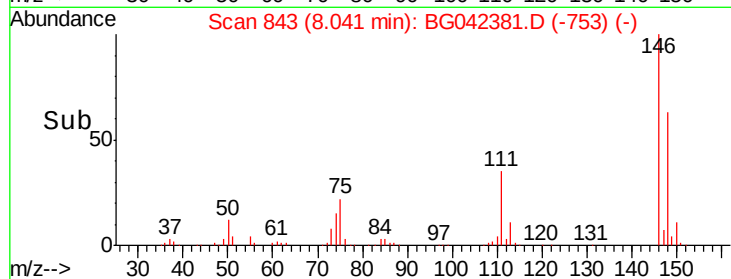
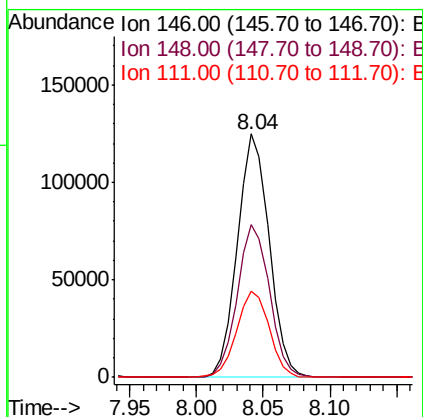
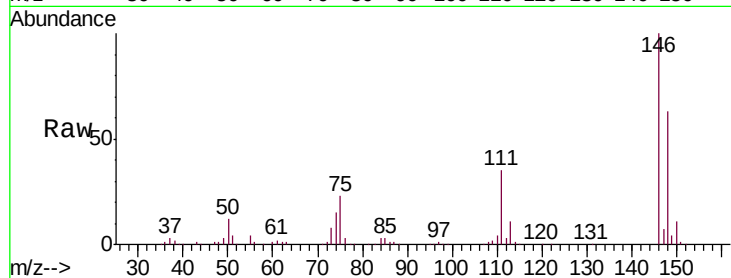




#13
 1,4-Dichlorobenzene
 Concen: 40.333 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

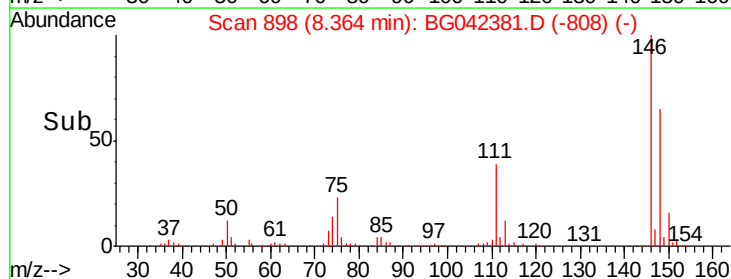
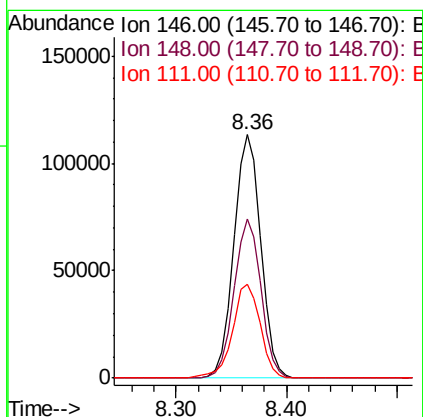
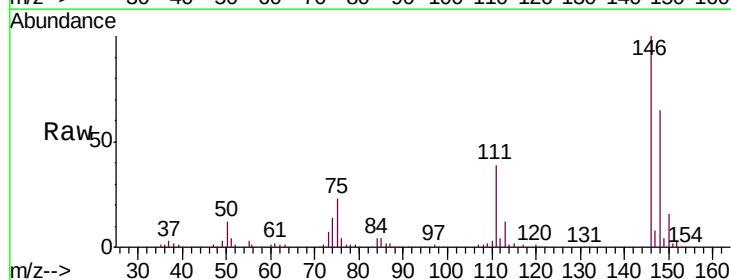
Instrument :
 BNA_G
 ClientSampleId :

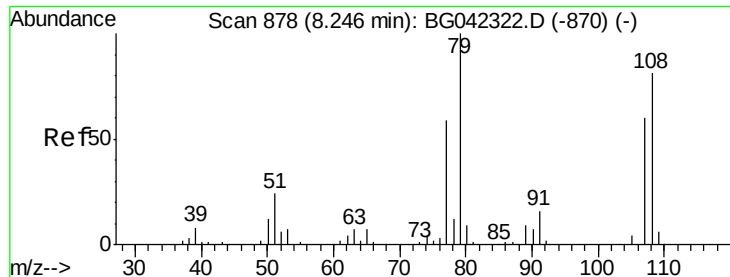
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.9	76.3
111	35.2	28.3	42.5



#14
 1,2-Dichlorobenzene
 Concen: 39.875 ng
 RT: 8.36 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.4
111	38.5	30.6	46.0





#15

Benzyl Alcohol

Concen: 42.795 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampled :

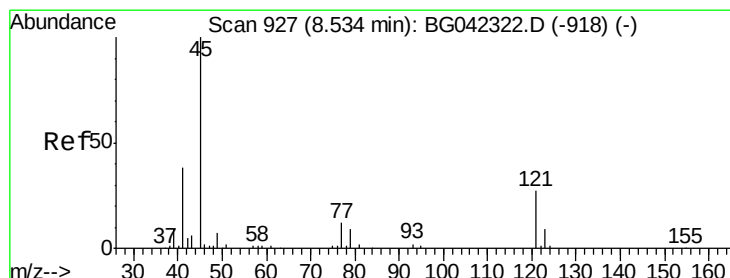
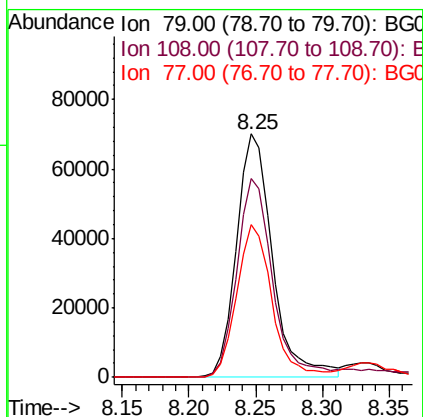
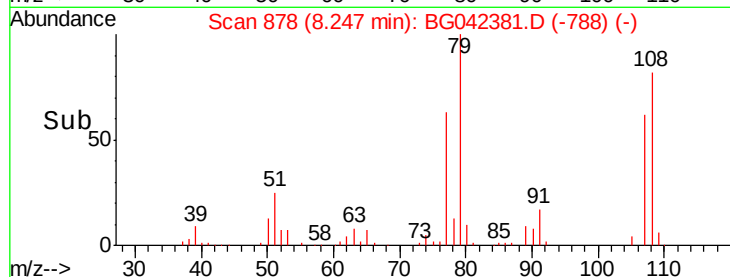
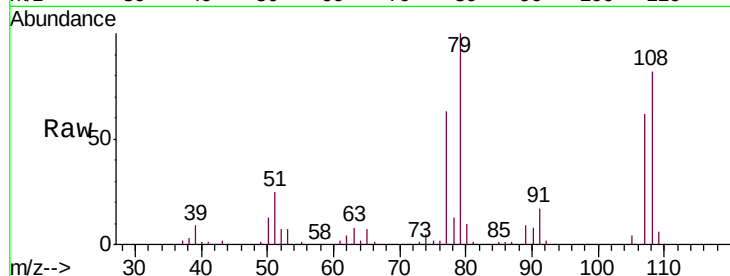
Tot Ion: 79 Resp: 130961

Ion Ratio Lower Upper

79 100

108 81.9 64.8 97.2

77 62.6 47.6 71.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.402 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

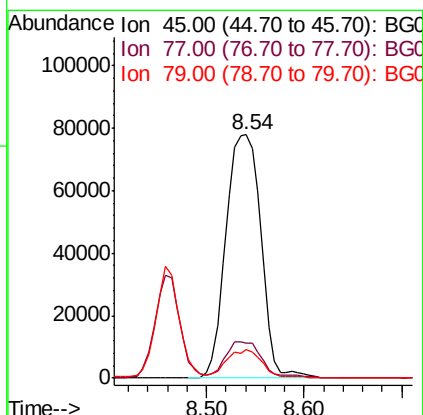
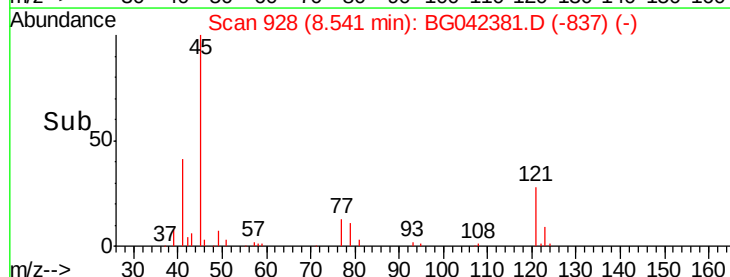
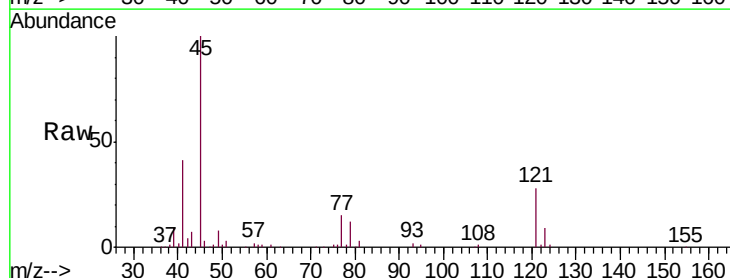
Tgt Ion: 45 Resp: 194146

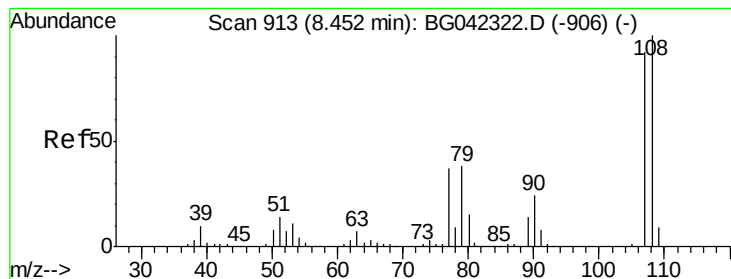
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.6

79 12.0 0.0 31.4





#17

2-Methylphenol

Concen: 41.522 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 138888

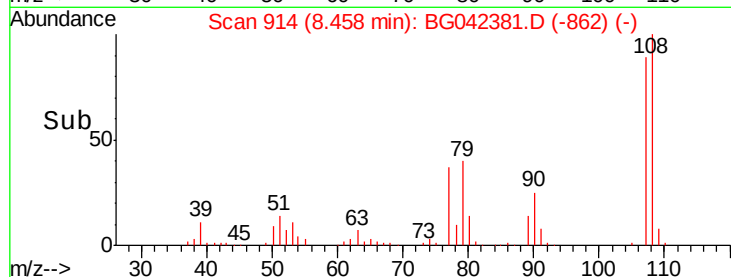
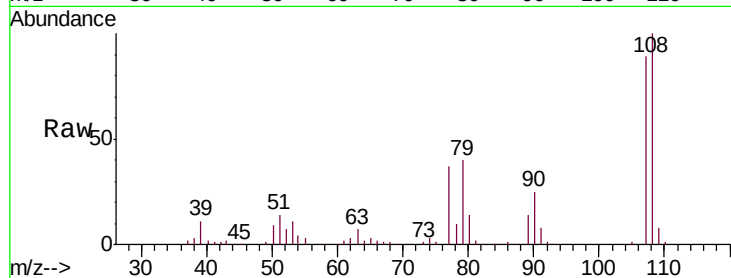
Ion Ratio Lower Upper

107 100

108 112.4 87.0 130.6

77 41.6 32.3 48.5

79 45.0 33.5 50.3

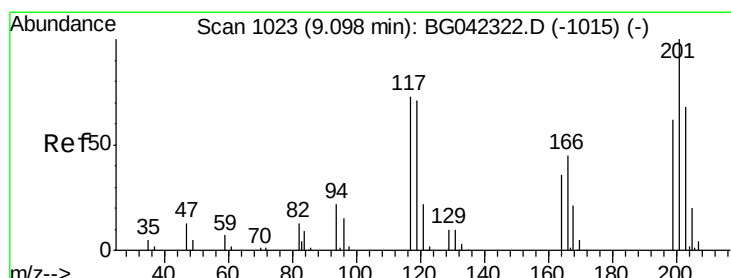
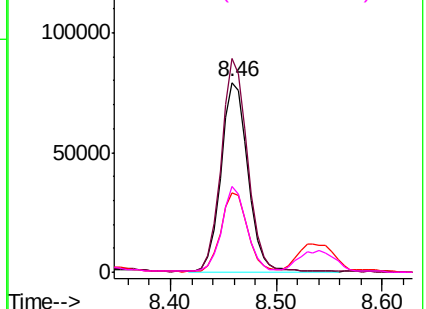


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.722 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

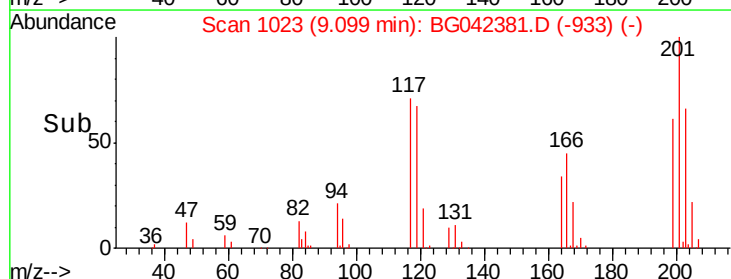
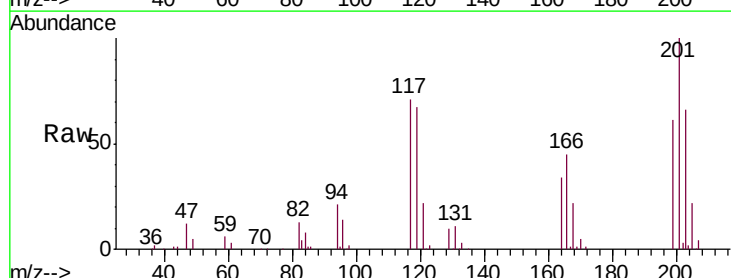
Tgt Ion:117 Resp: 69701

Ion Ratio Lower Upper

117 100

119 94.8 77.6 116.4

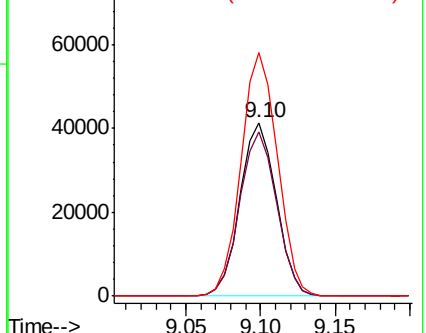
201 140.5 109.4 164.2

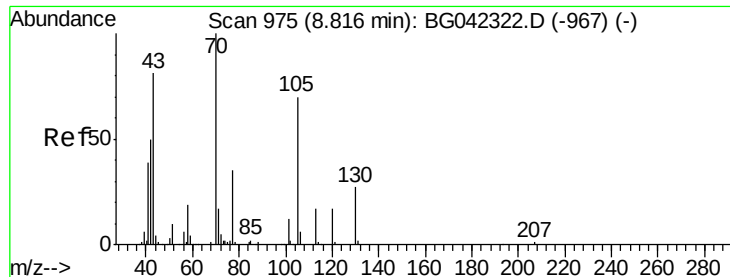


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

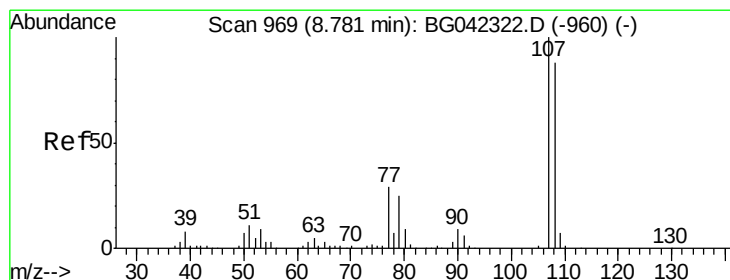
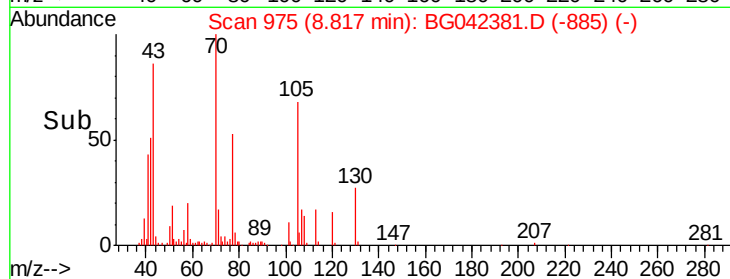
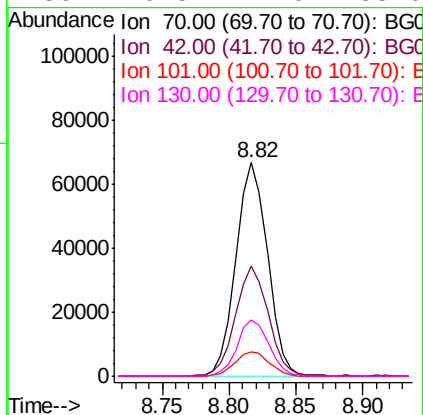
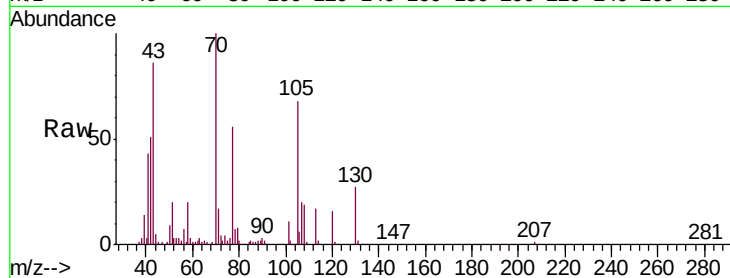




#19
n-Nitroso-di-n-propylamine
Concen: 38.462 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

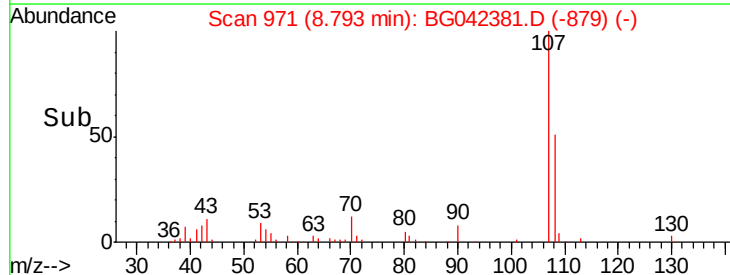
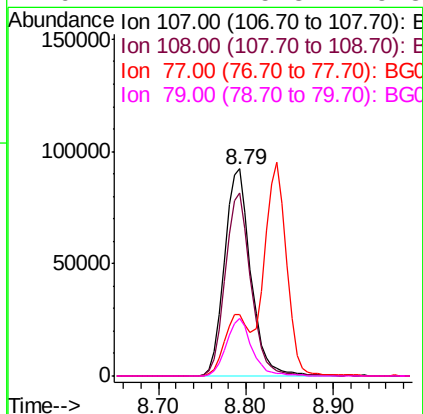
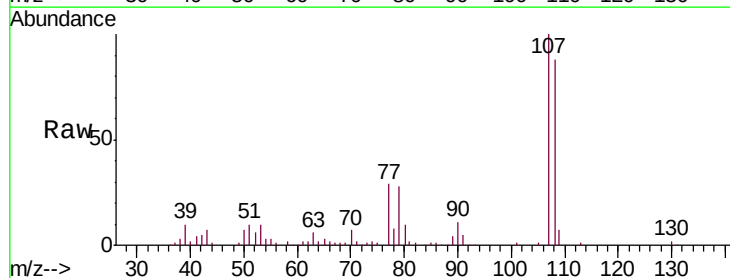
Instrument :
BNA_G
ClientSampleId :

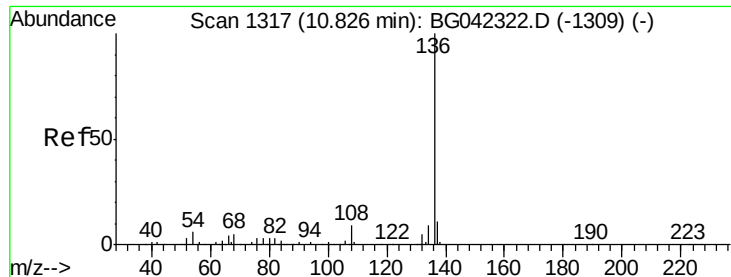
Tot Ion:	70	Resp:	110078
Ion	Ratio	Lower	Upper
70	100		
42	51.4	40.5	60.7
101	11.4	9.3	13.9
130	26.5	22.0	33.0



#20
3+4-Methylphenols
Concen: 41.105 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion:	107	Resp:	190218
Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.8	107.8
77	29.5	9.1	49.1
79	27.7	5.3	45.3

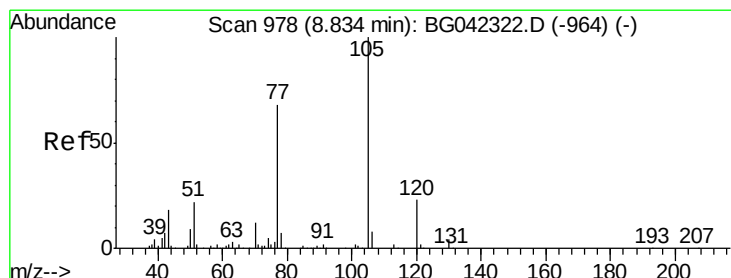
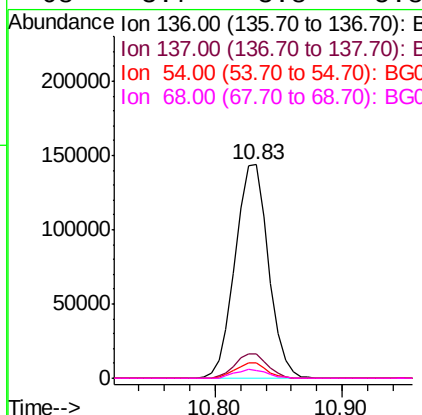
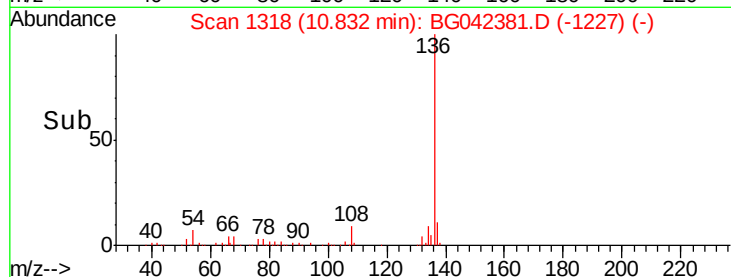
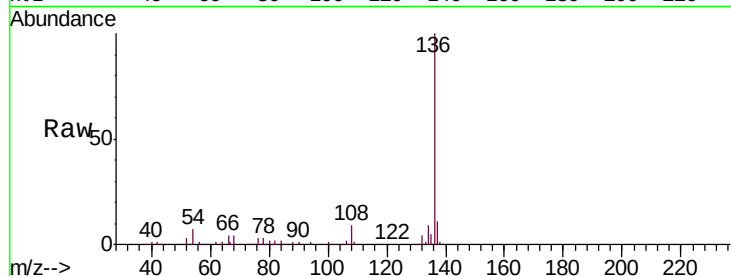




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

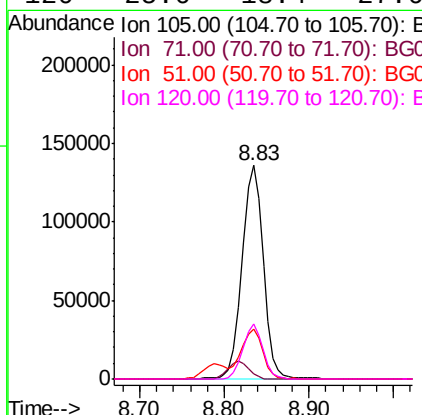
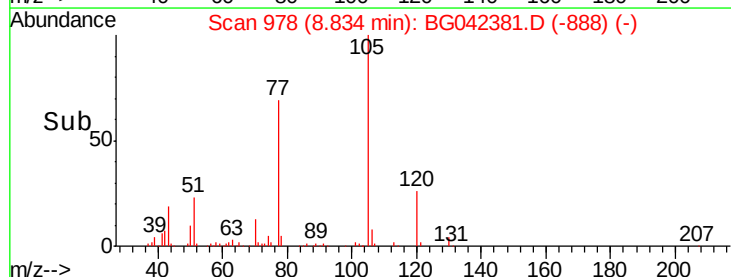
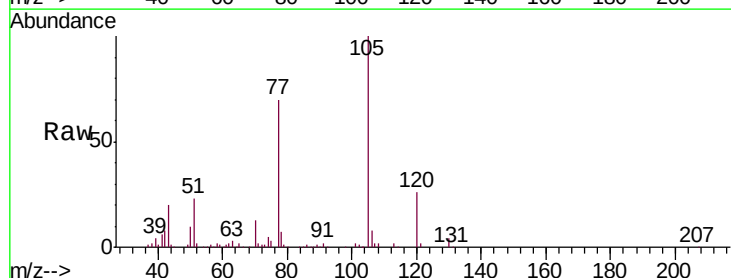
Instrument :
BNA_G
ClientSampleId :

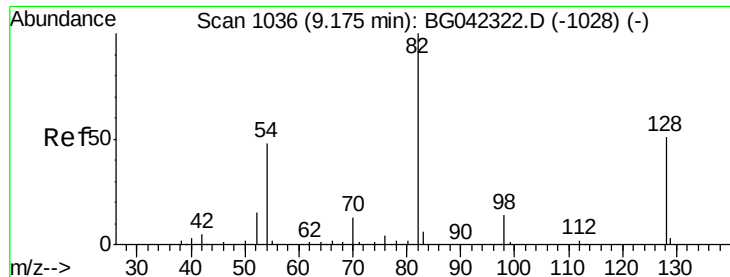
Tot Ion:136	Resp:	262318
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.4 12.6
54	7.0	5.0 7.4
68	3.7	3.8 5.8#



#22
Acetophenone
Concen: 42.596 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion:105	Resp:	237416
Ion	Ratio	Lower Upper
105	100	
71	2.4	1.8 2.8
51	23.2	17.5 26.3
120	25.6	18.4 27.6

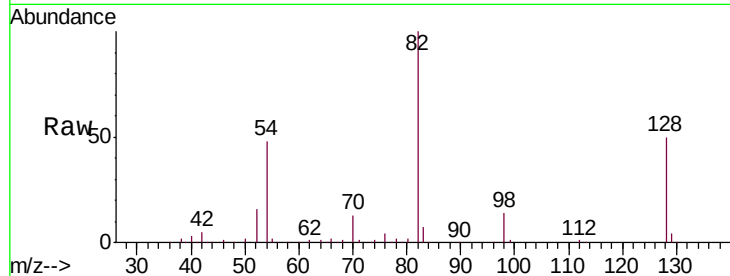




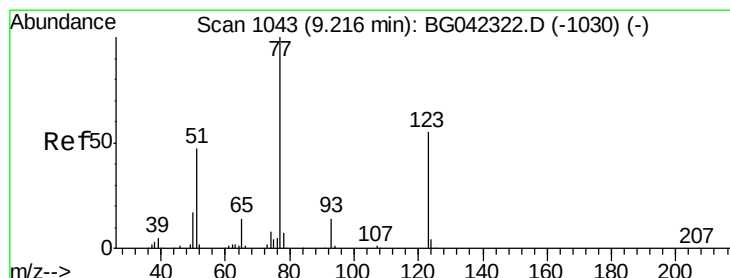
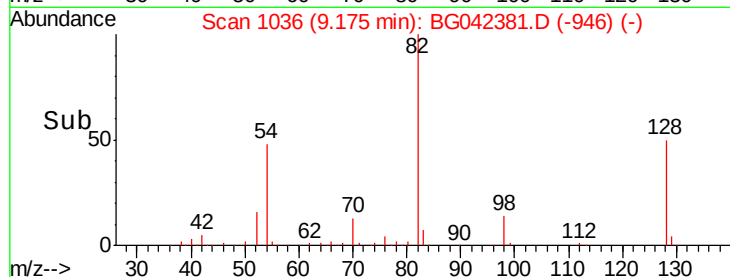
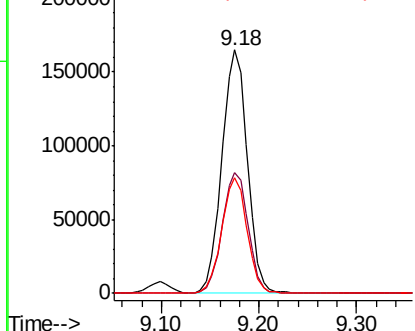
#23
 Nitrobenzene-d5
 Concen: 79.897 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	297987
Ion Ratio	100	Lower	Upper
128	49.5	41.0	61.4
54	47.5	38.0	57.0

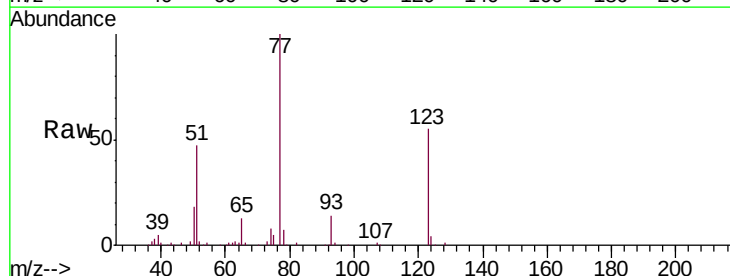


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

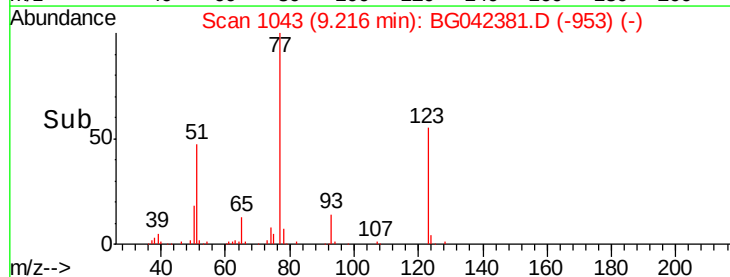
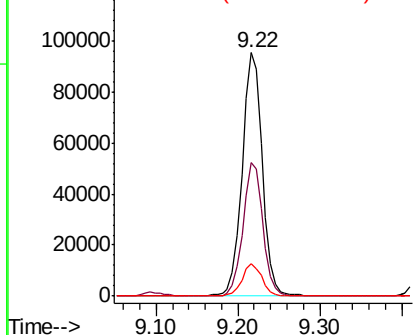


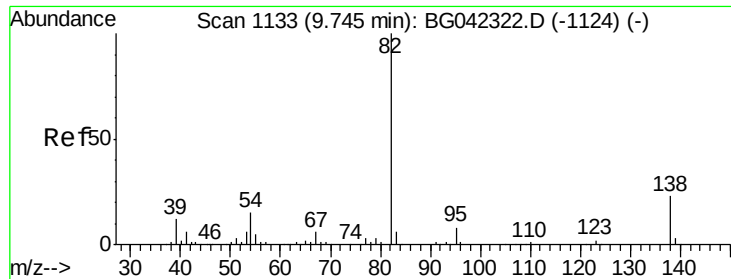
#24
 Nitrobenzene
 Concen: 42.940 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	77	Resp	163185
Ion Ratio	100	Lower	Upper
123	54.8	43.7	65.5
65	13.2	10.9	16.3



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: 40.521 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampleId :

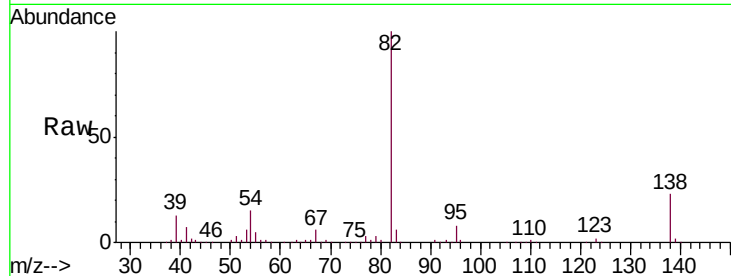
Tot Ion: 82 Resp: 302204

Ion Ratio Lower Upper

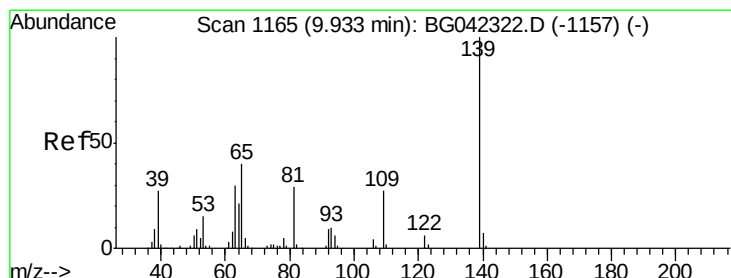
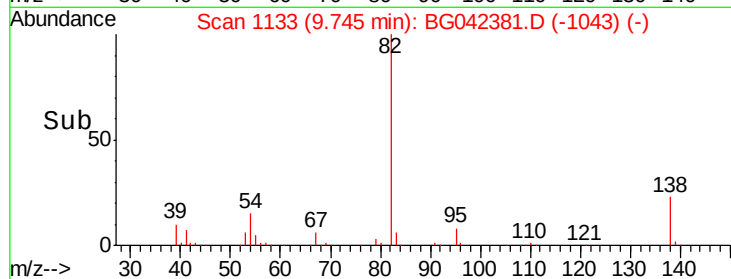
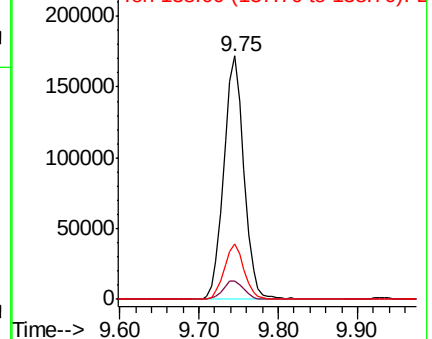
82 100

95 7.6 6.1 9.1

138 22.8 18.2 27.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 45.150 ng

RT: 9.93 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

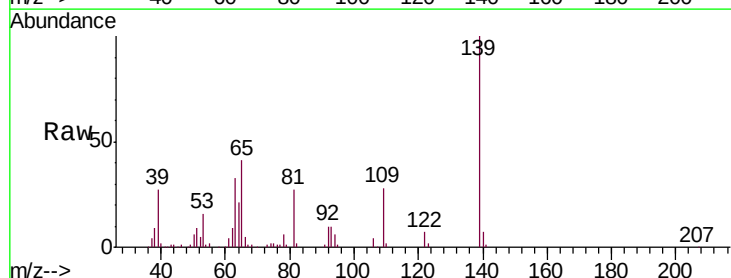
Tgt Ion: 139 Resp: 106665

Ion Ratio Lower Upper

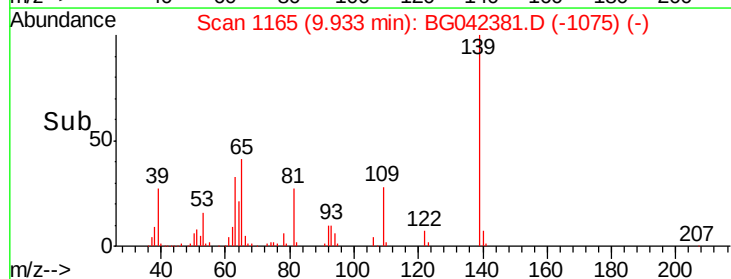
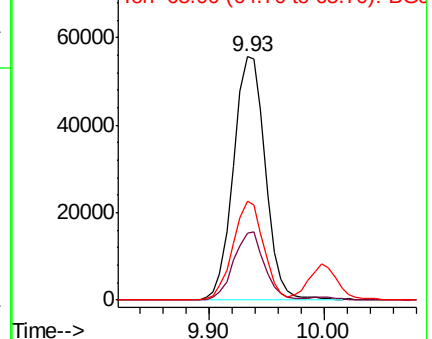
139 100

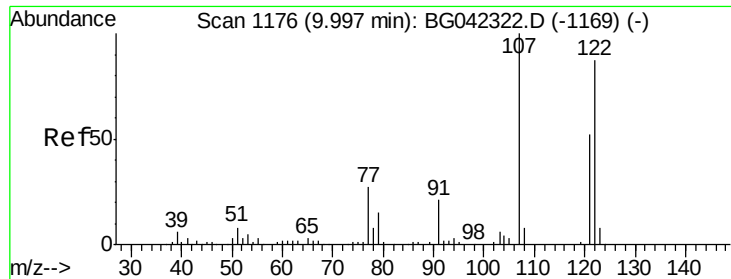
109 27.7 21.4 32.2

65 40.8 31.8 47.6



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





#27

2,4-Dimethylphenol

Concen: 48.353 ng

RT: 10.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampled :

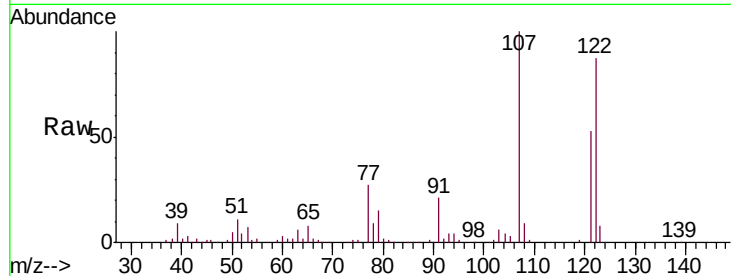
Tot Ion:122 Resp: 158477

Ion Ratio Lower Upper

122 100

107 115.5 91.0 136.4

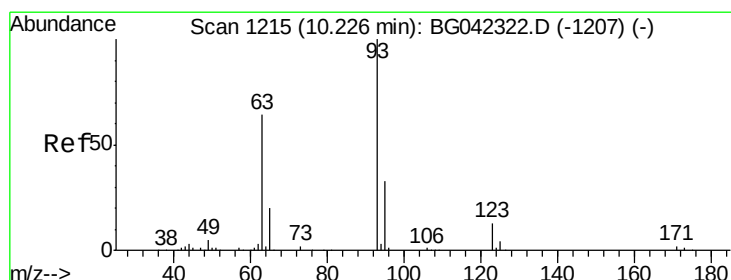
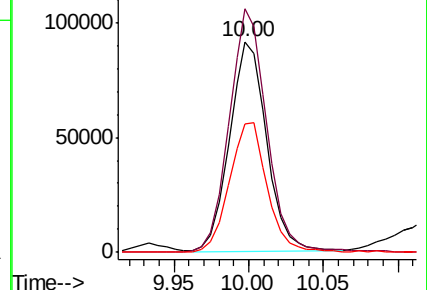
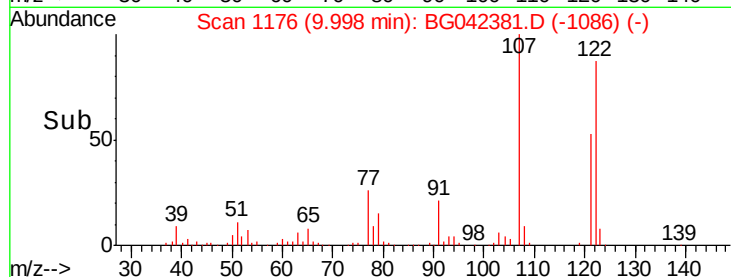
121 61.1 47.1 70.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.053 ng

RT: 10.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

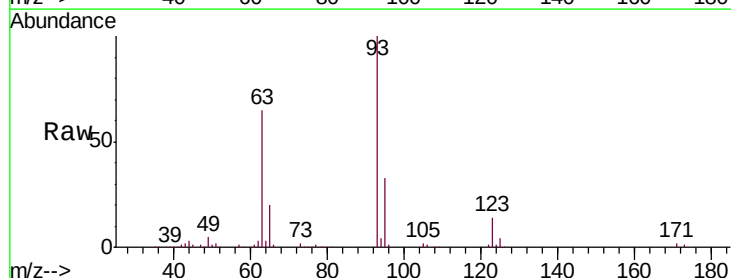
Tgt Ion: 93 Resp: 192412

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

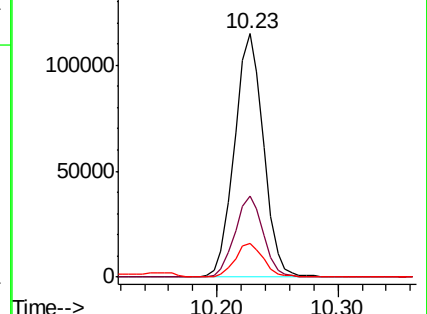
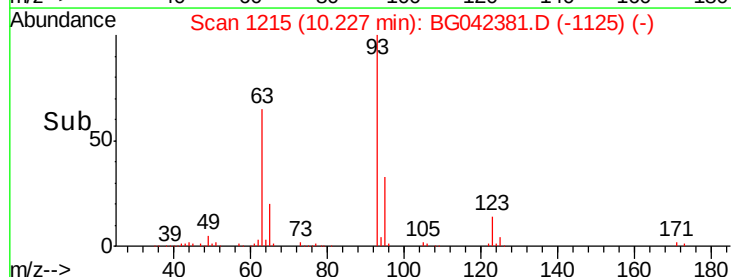
123 14.0 10.3 15.5

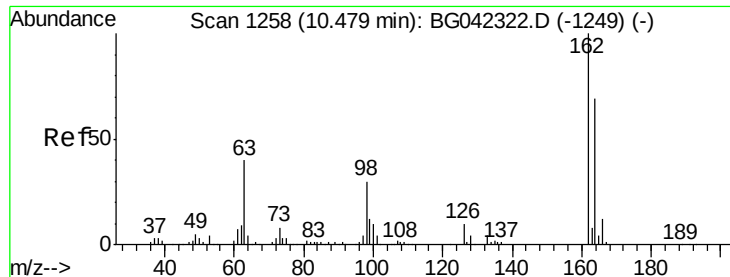


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

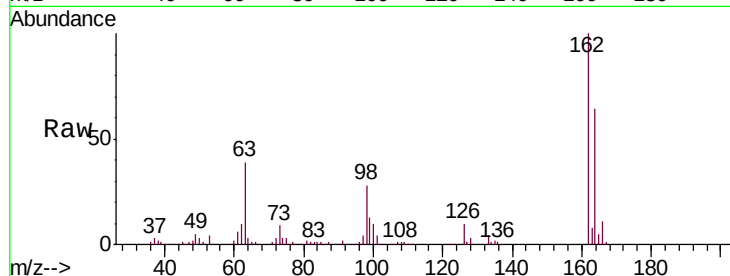




#29
 2,4-Dichlorophenol
 Concen: 43.704 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	48.6	88.6
98	28.1	9.6	49.6

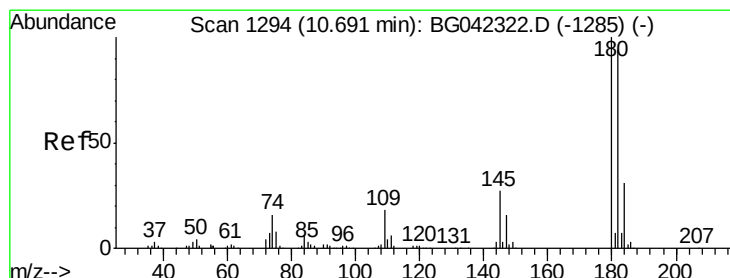
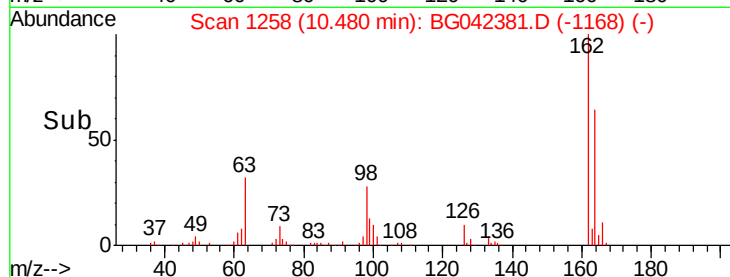
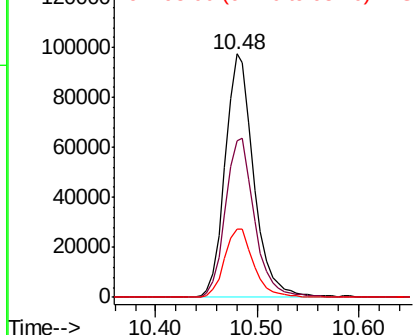


Abundance

Ion 162.00 (161.70 to 162.70): E

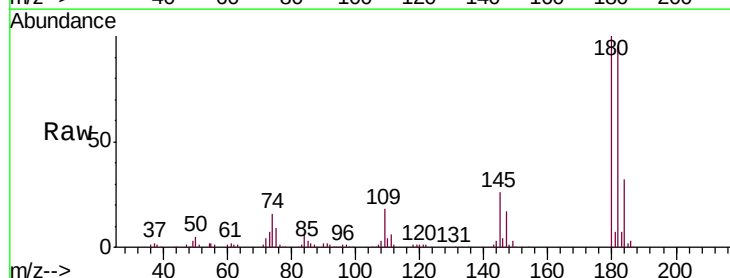
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 41.680 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.1	112.7
145	25.7	21.2	31.8

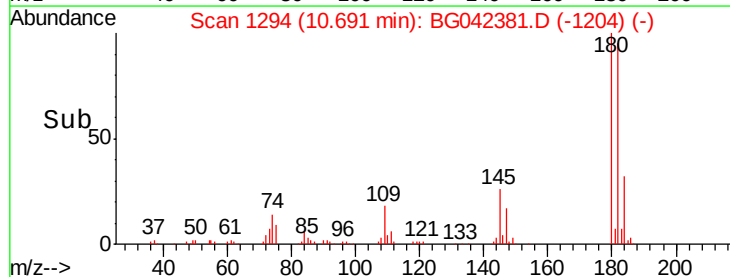
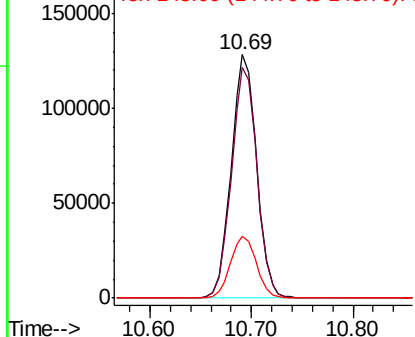


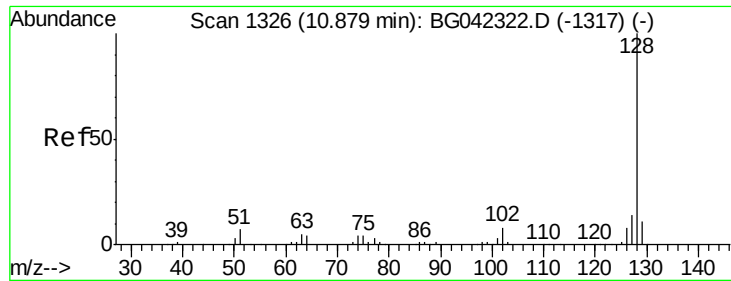
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

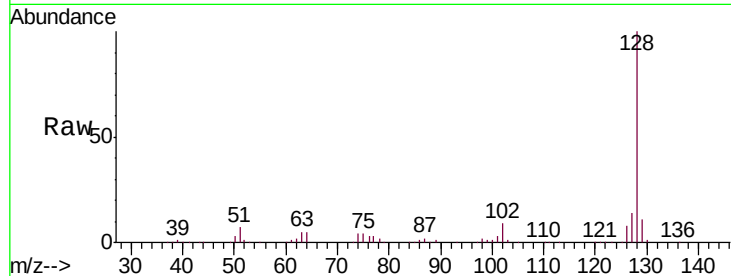




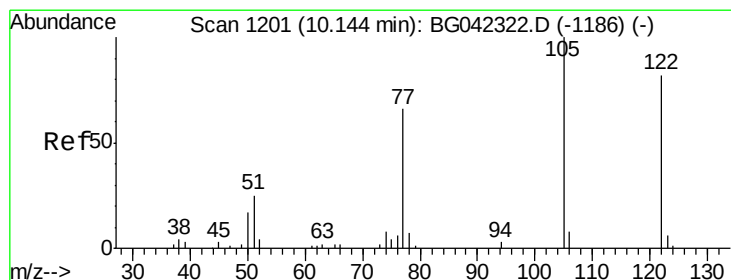
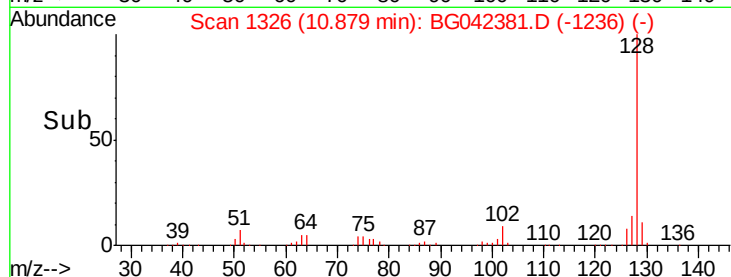
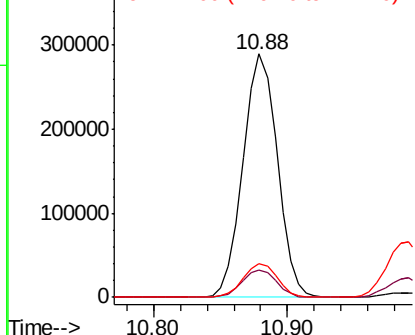
#31
Naphthalene
Concen: 42.447 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 515992
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 14.0 10.8 16.2

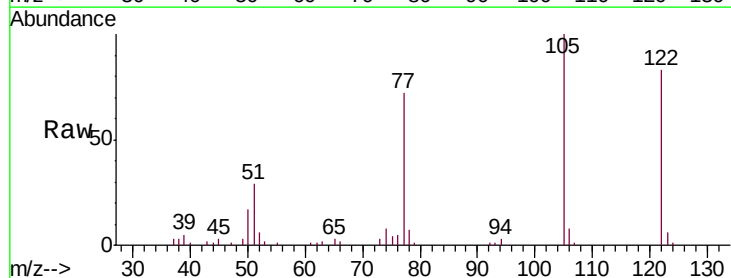


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

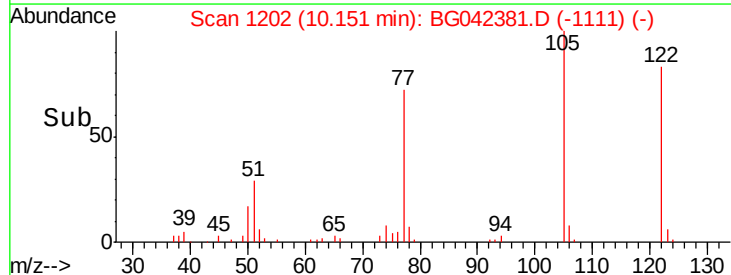
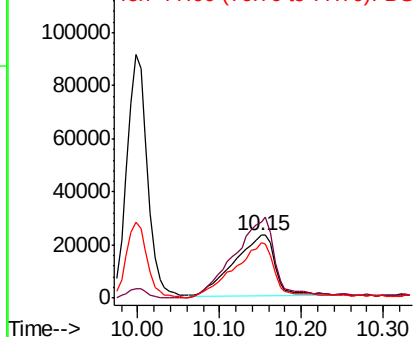


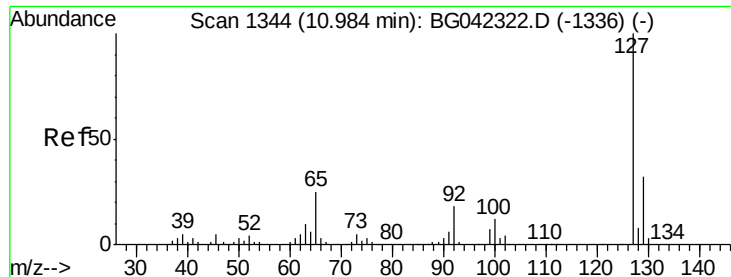
#32
Benzoic acid
Concen: 36.796 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion:122 Resp: 82498
Ion Ratio Lower Upper
122 100
105 120.8 97.7 137.7
77 87.1 58.4 98.4



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

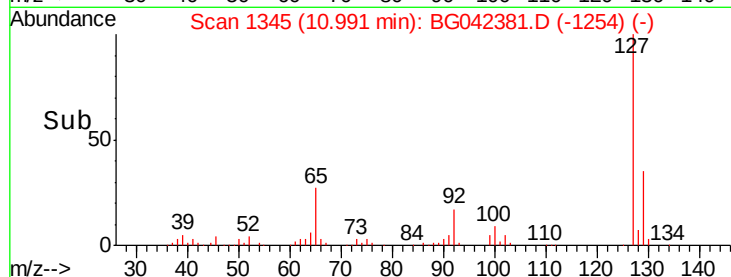
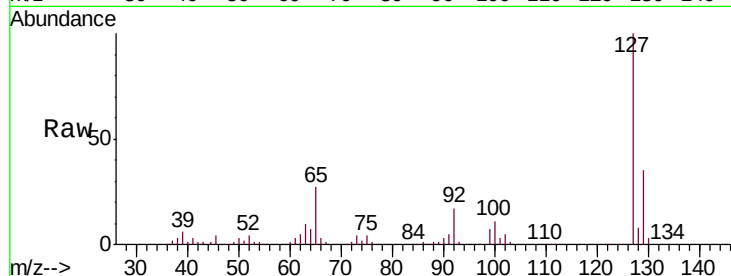




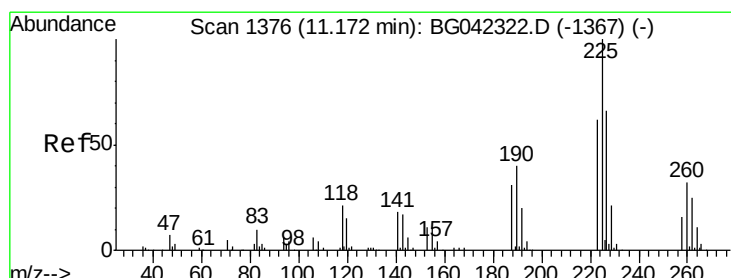
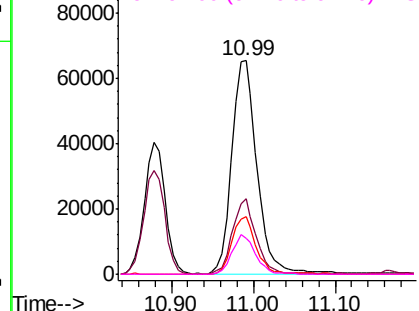
#33
4-Chloroaniline
Concen: 25.510 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	141413
Ion	Ratio	Lower	Upper
127	100		
129	35.2	25.9	38.9
65	26.7	19.8	29.8
92	16.5	14.4	21.6

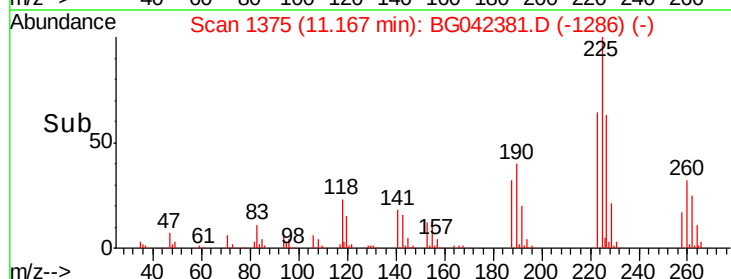
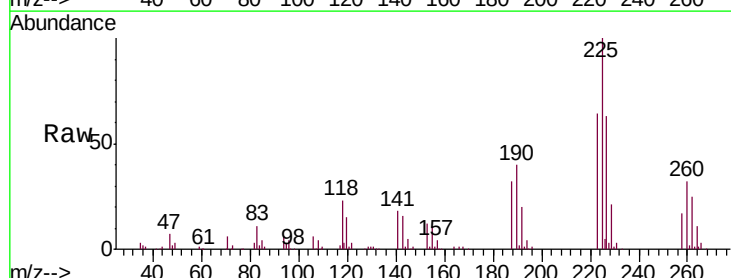


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

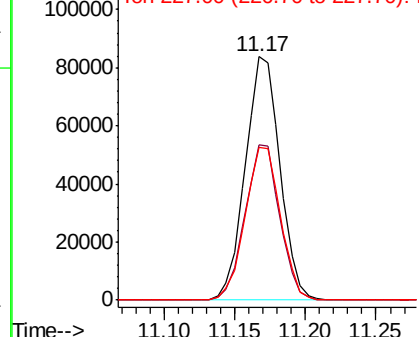


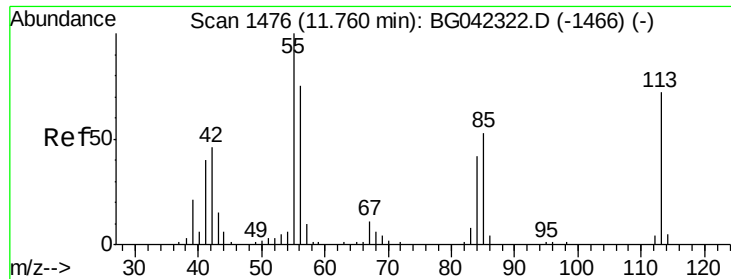
#34
Hexachlorobutadiene
Concen: 40.467 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion:	225	Resp:	144458
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.8
227	62.9	52.9	79.3



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

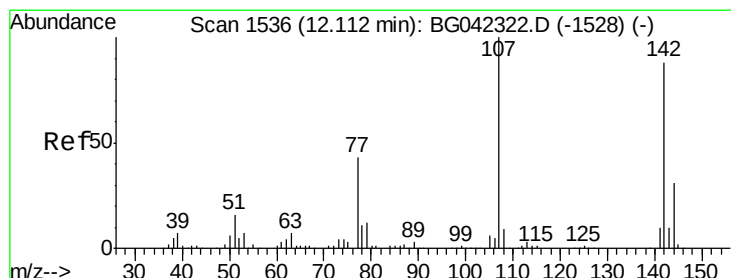
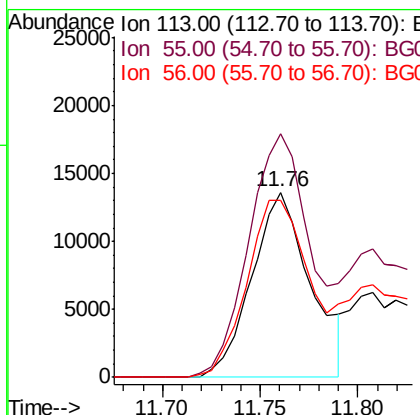
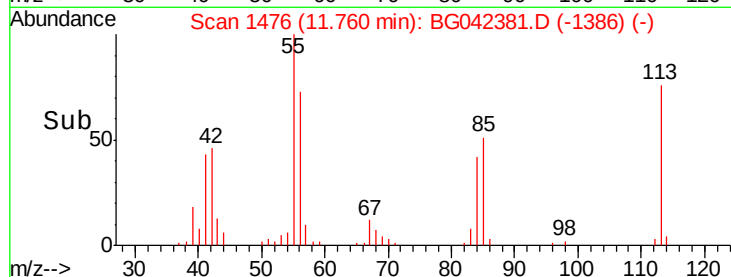
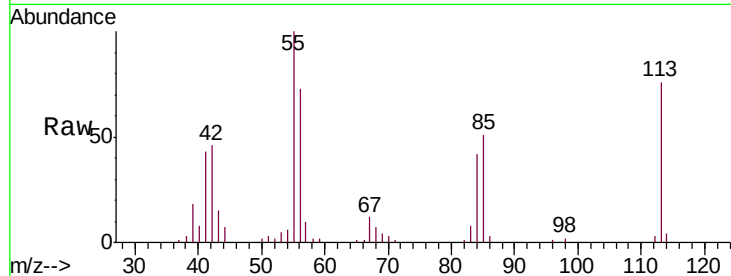




#35
Caprolactam
Concen: 20.318 ng
RT: 11.76 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

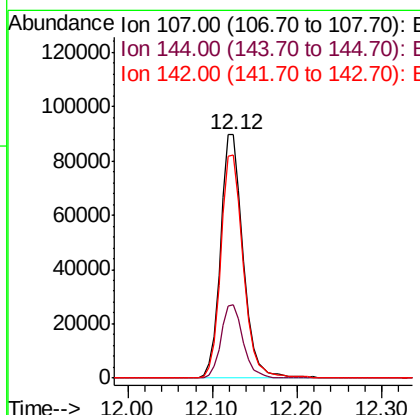
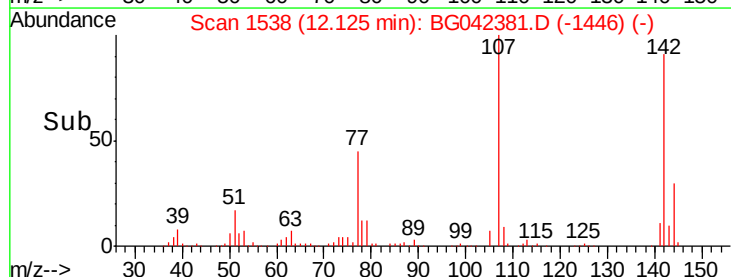
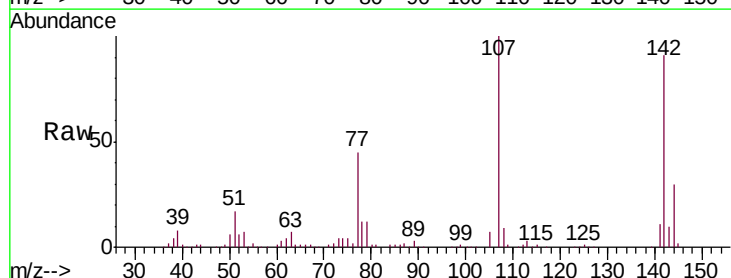
Instrument :
BNA_G
ClientSampled :

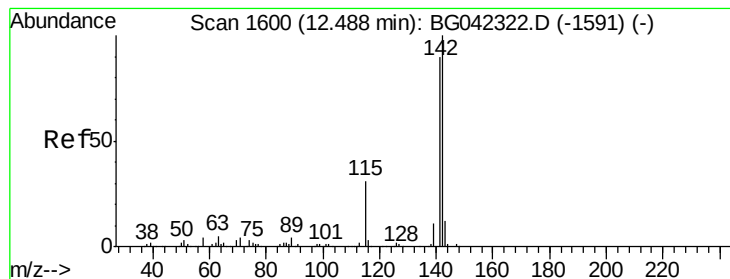
Tot Ion:113 Resp: 28220
Ion Ratio Lower Upper
113 100
55 131.3 119.4 159.4
56 95.6 83.9 123.9



#36
4-Chloro-3-methylphenol
Concen: 40.777 ng
RT: 12.12 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion:107 Resp: 166094
Ion Ratio Lower Upper
107 100
144 30.2 24.9 37.3
142 91.5 70.3 105.5





#37

2-Methylnaphthalene

Concen: 41.009 ng

RT: 12.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampleId :

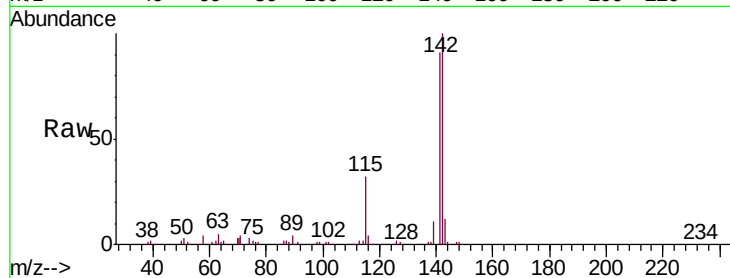
Tot Ion:142 Resp: 399617

Ion Ratio Lower Upper

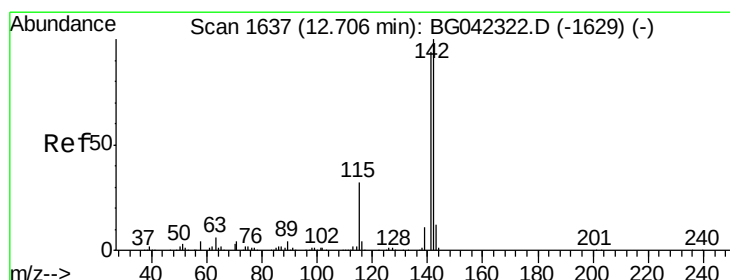
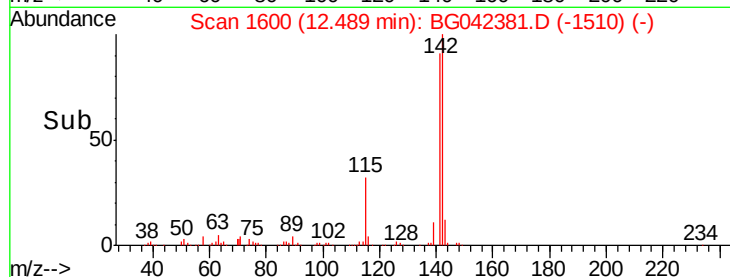
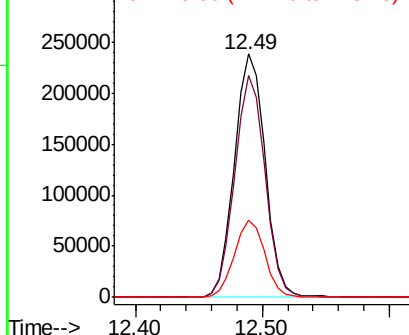
142 100

141 91.1 72.1 108.1

115 31.7 24.4 36.6



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



#38

1-Methylnaphthalene

Concen: 40.350 ng

RT: 12.71 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

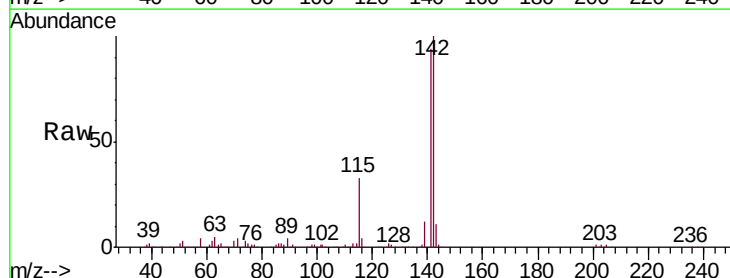
Tgt Ion:142 Resp: 374536

Ion Ratio Lower Upper

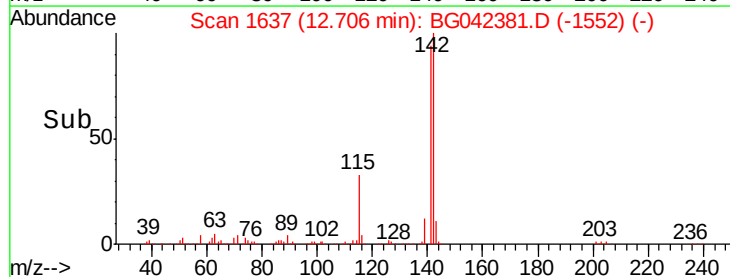
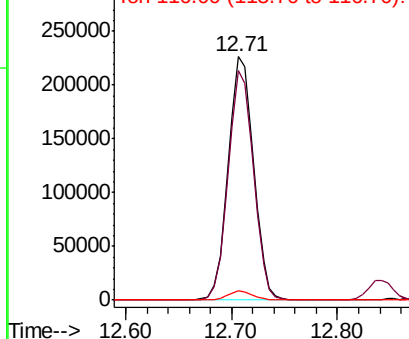
142 100

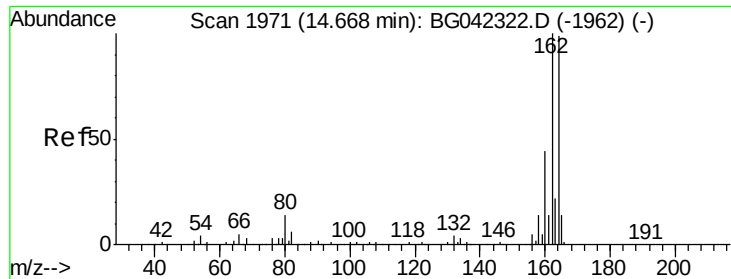
141 94.2 75.1 112.7

116 3.9 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampleId :

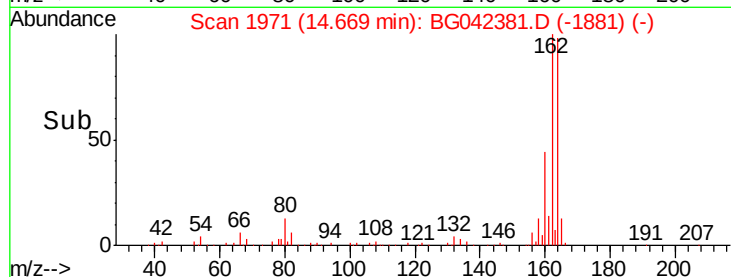
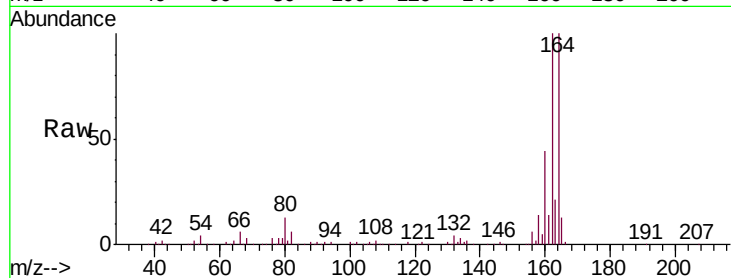
Tot Ion:164 Resp: 177221

Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

160 43.8 35.7 53.5

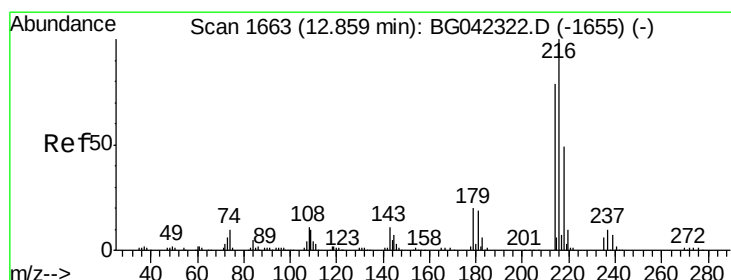
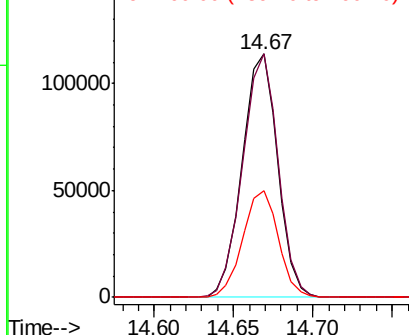


Abundance

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: 44.229 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Tgt Ion:216 Resp: 252649

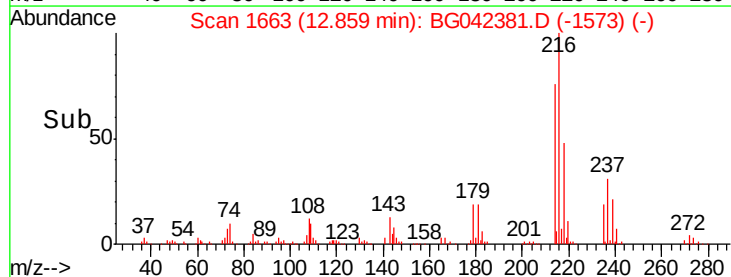
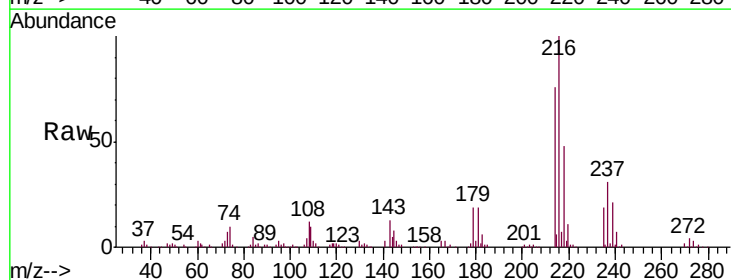
Ion Ratio Lower Upper

216 100

214 75.9 62.2 93.4

179 19.1 15.3 22.9

108 13.6 9.6 14.4



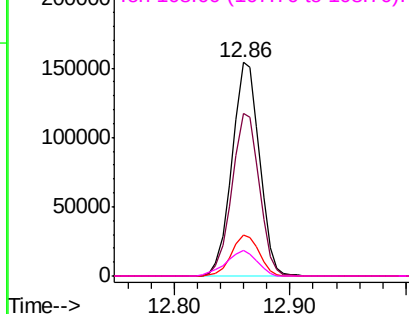
Abundance

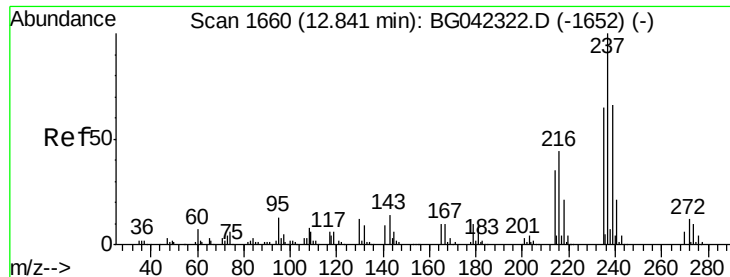
Ion 216.00 (215.70 to 216.70): E

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

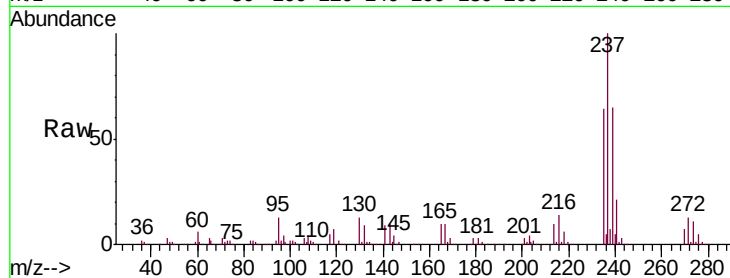




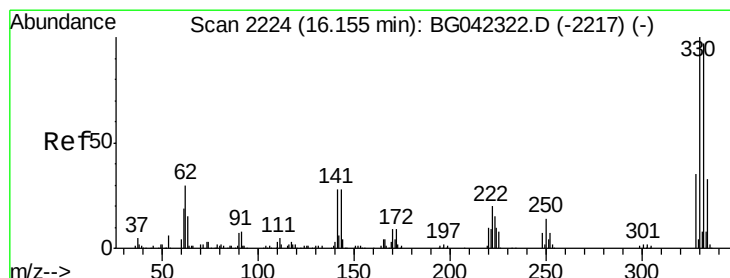
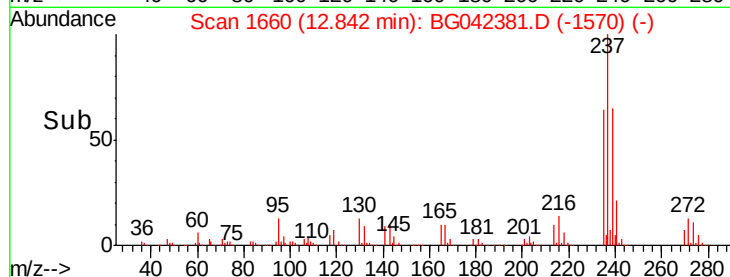
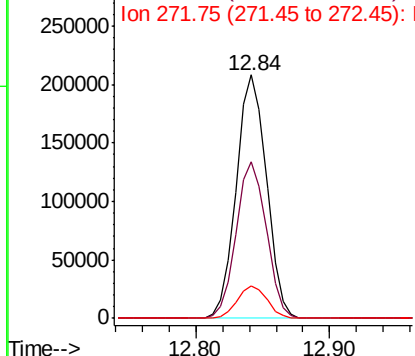
#41
Hexachlorocyclopentadiene
Concen: 97.285 ng
RT: 12.84 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:237 Resp: 325880
Ion Ratio Lower Upper
237 100
235 64.3 45.1 85.1
272 13.3 0.0 32.3

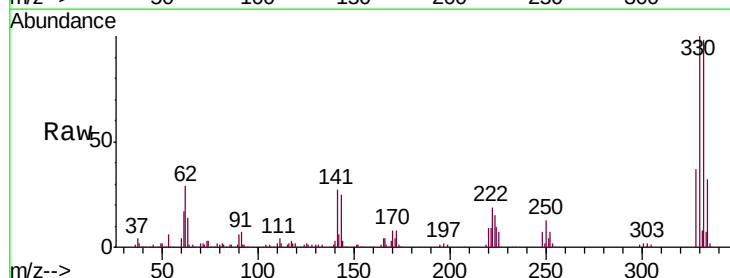


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

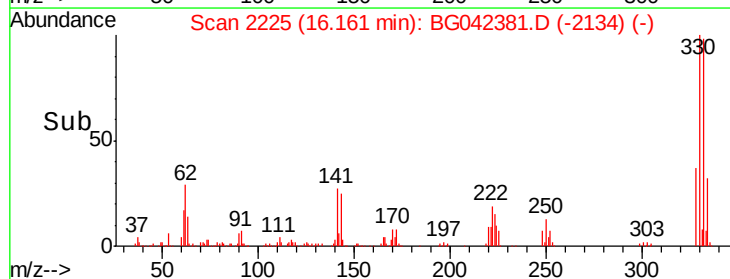
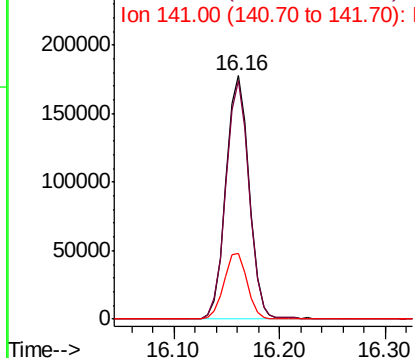


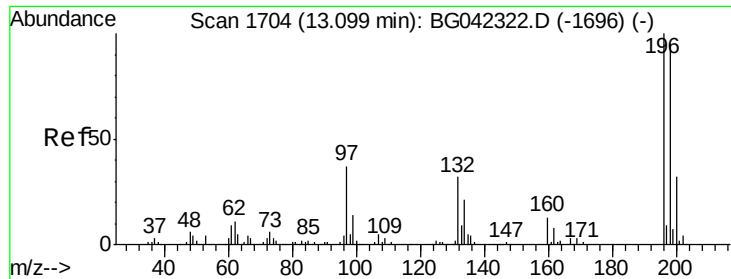
#42
2,4,6-Tribromophenol
Concen: 111.789 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion:330 Resp: 269827
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 27.3 21.8 32.6



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

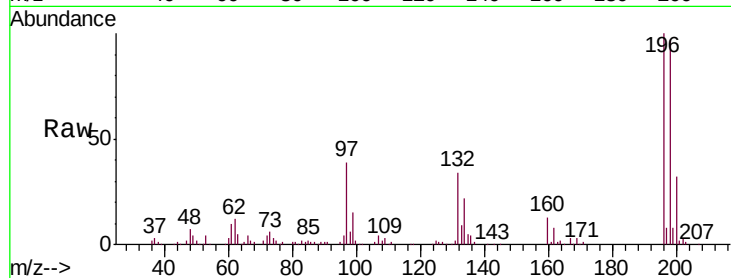




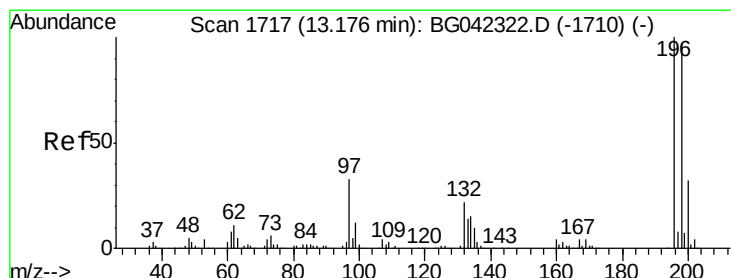
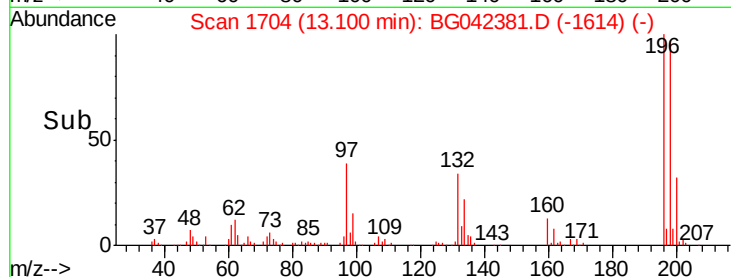
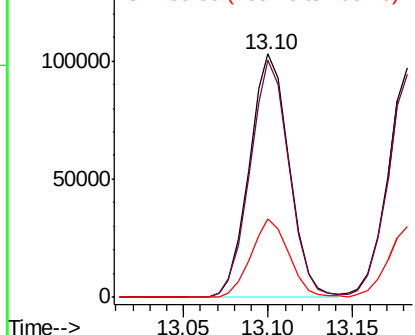
#43
 2,4,6-Trichlorophenol
 Concen: 43.814 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 167516
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.9 113.9
 200 32.3 25.5 38.3

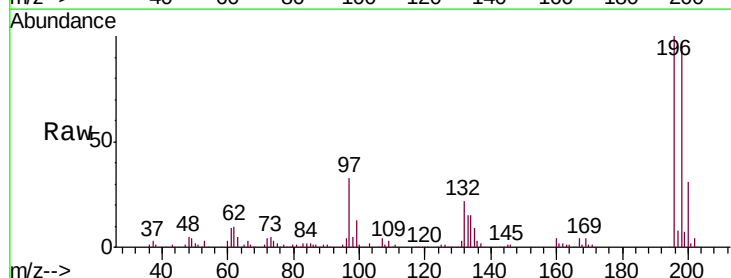


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

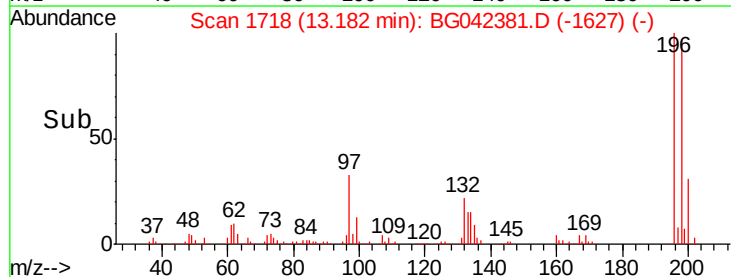
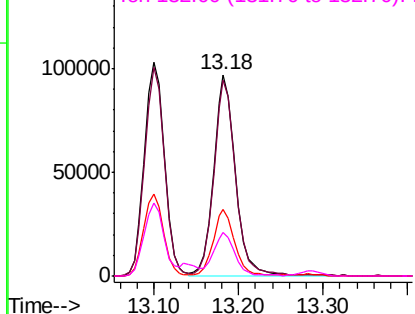


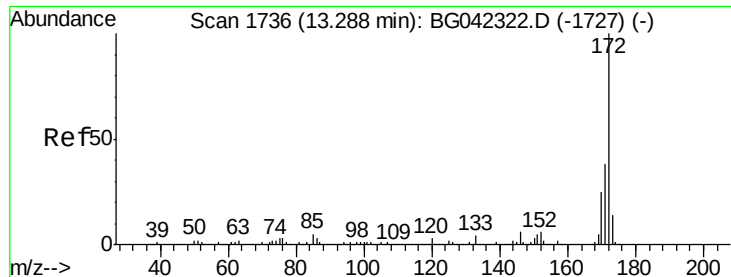
#44
 2,4,5-Trichlorophenol
 Concen: 44.492 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion:196 Resp: 175204
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.4 116.2
 97 33.2 26.5 39.7
 132 21.8 17.5 26.3



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

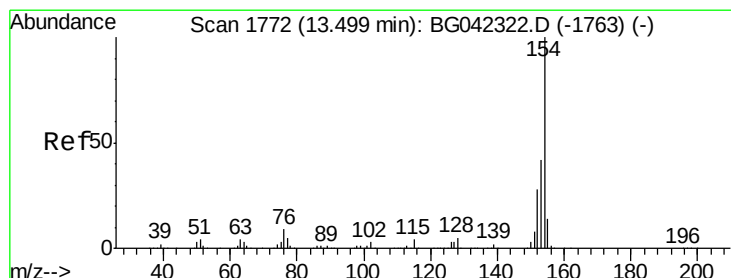
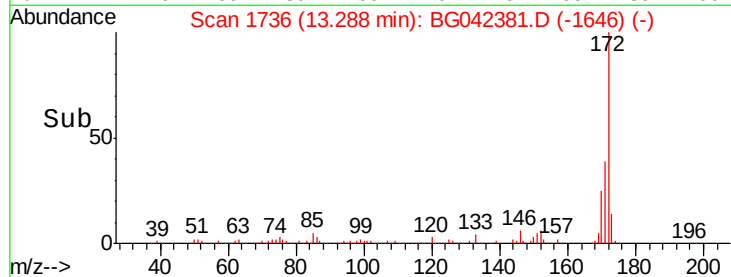
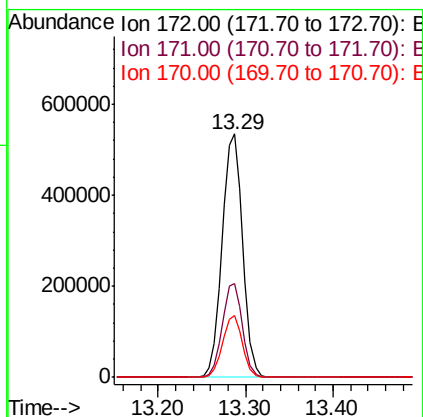
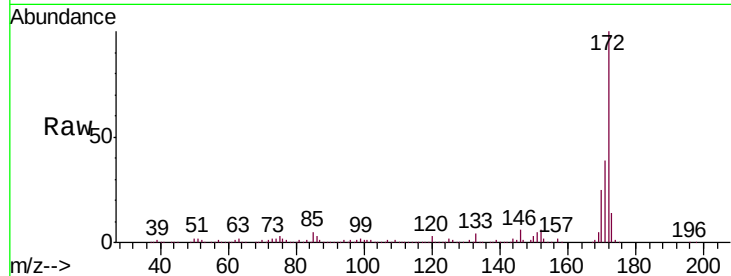




#45
 2-Fluorobiphenyl
 Concen: 82.660 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

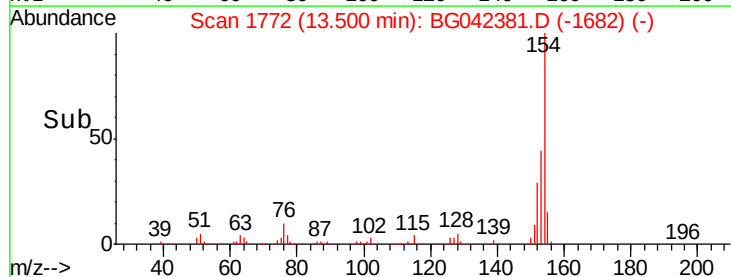
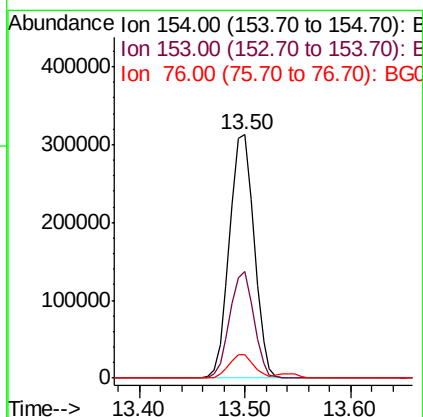
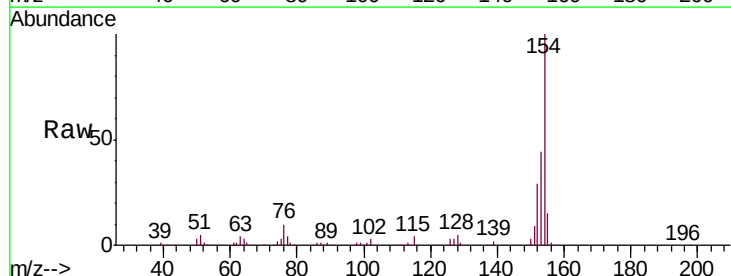
Instrument :
 BNA_G
 ClientSampleId :

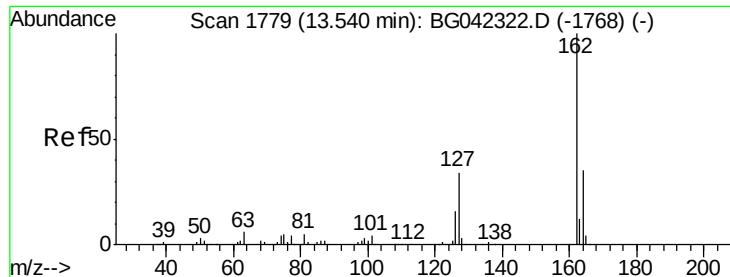
Tot Ion:172 Resp: 865702
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.3 45.5
 170 25.3 20.0 30.0



#46
 1,1'-Biphenyl
 Concen: 43.665 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion:154 Resp: 504861
 Ion Ratio Lower Upper
 154 100
 153 43.8 21.9 61.9
 76 9.7 0.0 29.3

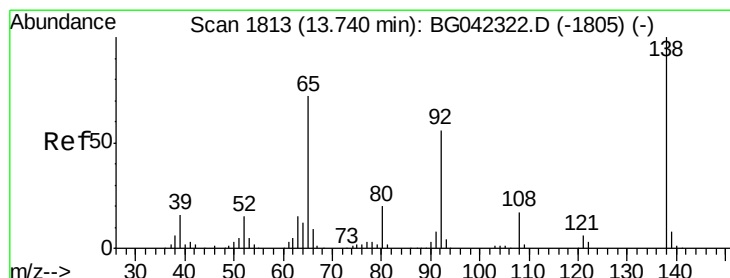
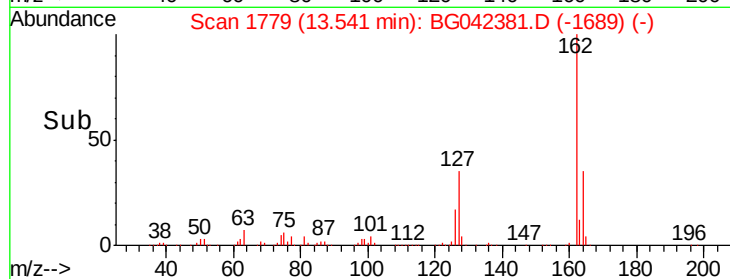
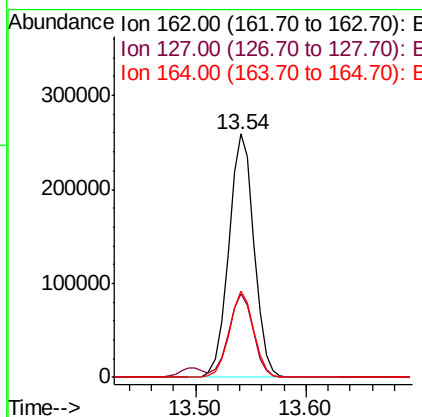
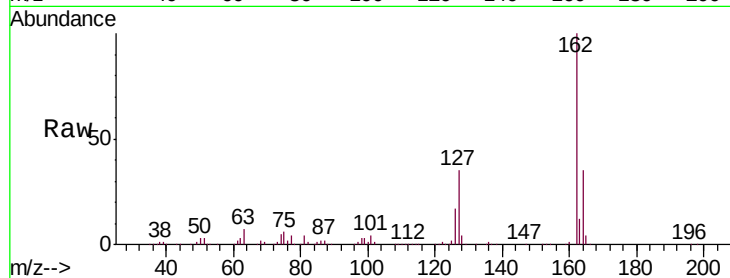




#47
2-Chloronaphthalene
Concen: 42.040 ng
RT: 13.54 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

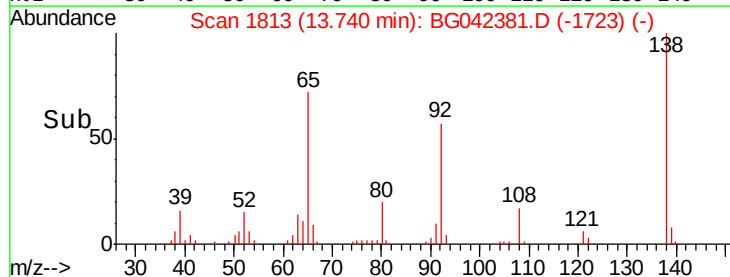
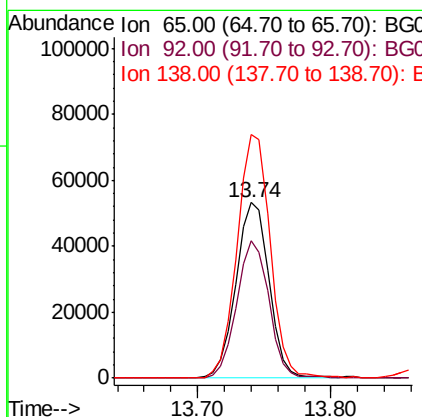
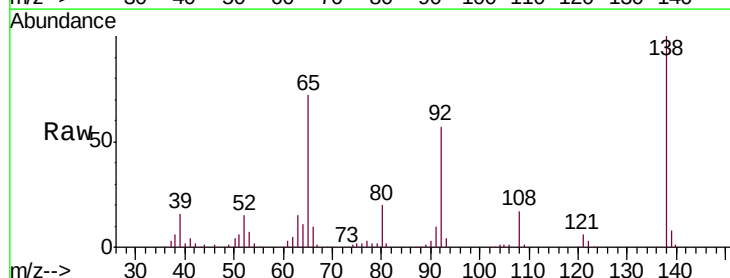
Instrument :
BNA_G
ClientSampleId :

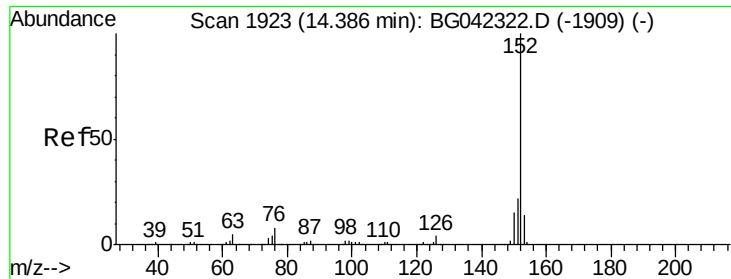
Tot Ion:162 Resp: 414390
Ion Ratio Lower Upper
162 100
127 34.6 27.2 40.8
164 35.4 27.8 41.8



#48
2-Nitroaniline
Concen: 39.291 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion: 65 Resp: 91532
Ion Ratio Lower Upper
65 100
92 78.6 62.6 94.0
138 138.8 111.5 167.3





#49

Acenaphthylene

Concen: 42.221 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampleId :

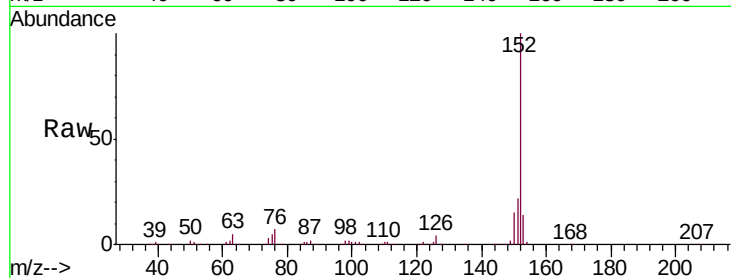
Tot Ion:152 Resp: 625629

Ion Ratio Lower Upper

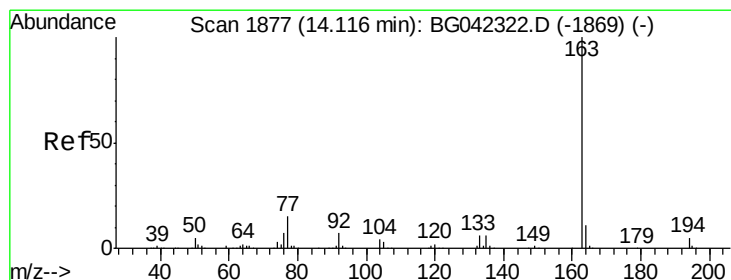
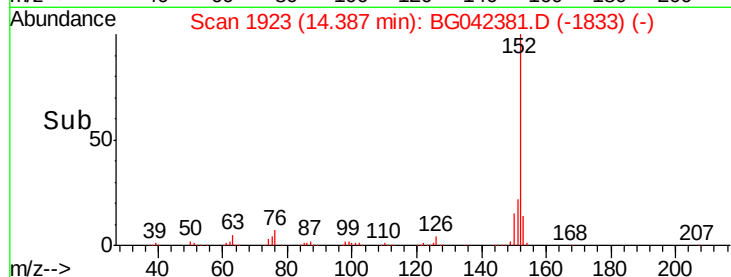
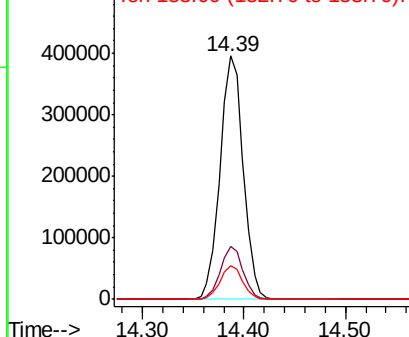
152 100

151 21.5 17.3 25.9

153 14.0 11.5 17.3



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



#50

Dimethylphthalate

Concen: 39.701 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

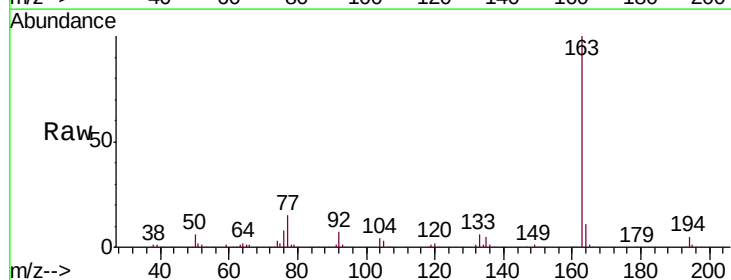
Tgt Ion:163 Resp: 499951

Ion Ratio Lower Upper

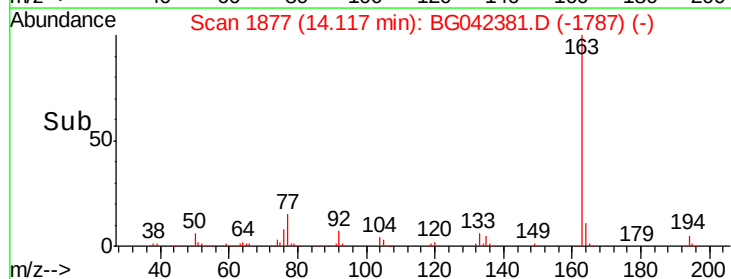
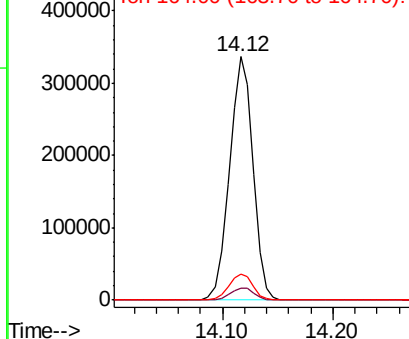
163 100

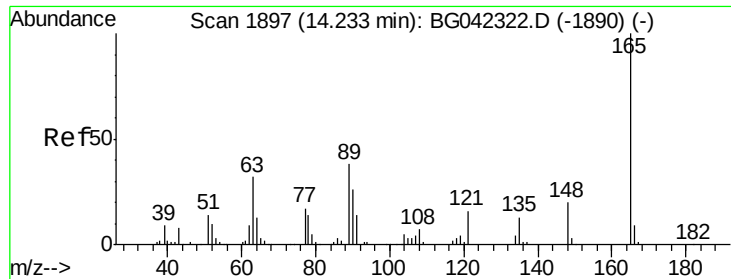
194 5.1 4.2 6.2

164 10.8 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

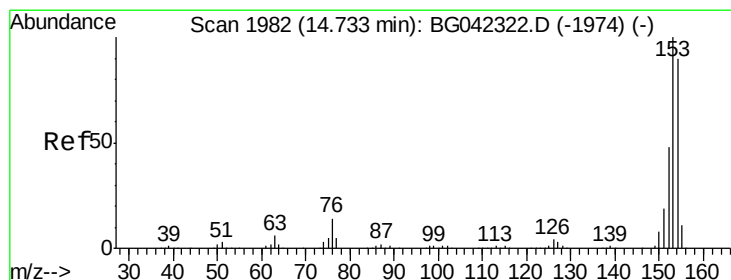
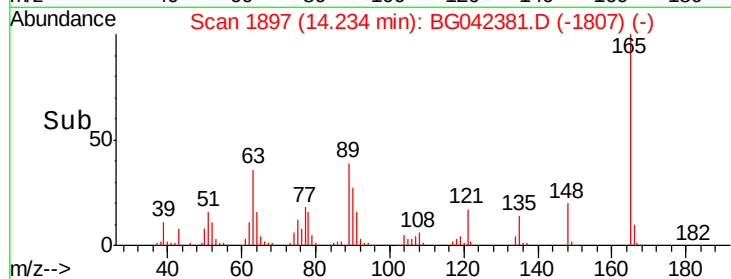
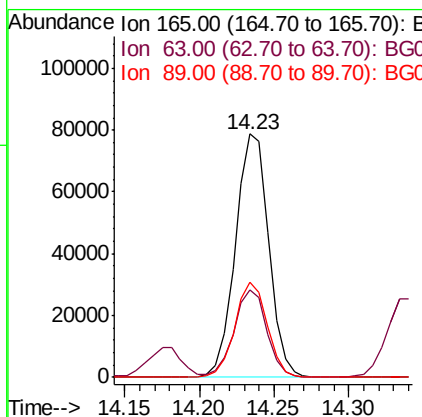
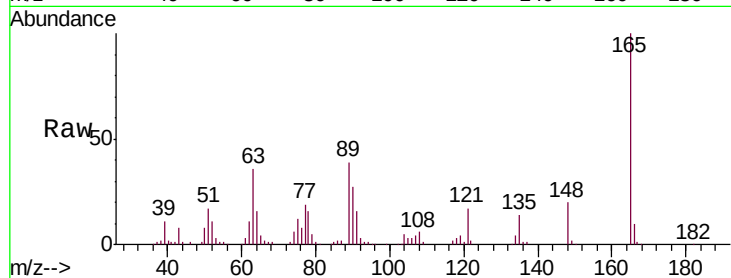




#51
 2,6-Dinitrotoluene
 Concen: 41.267 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

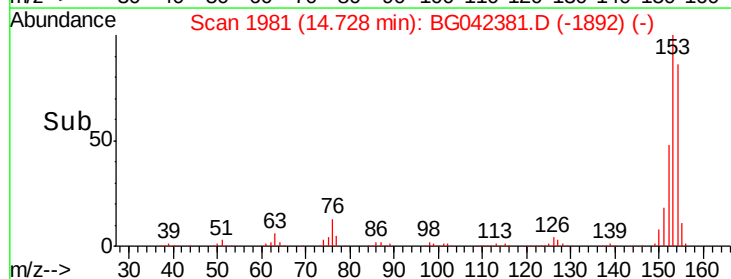
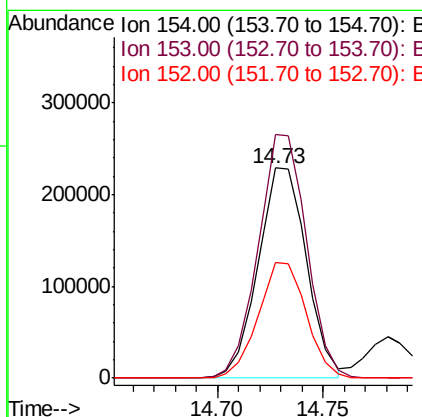
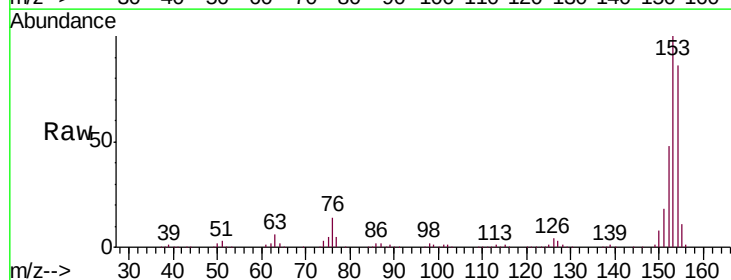
Instrument :
 BNA_G
 ClientSampled :

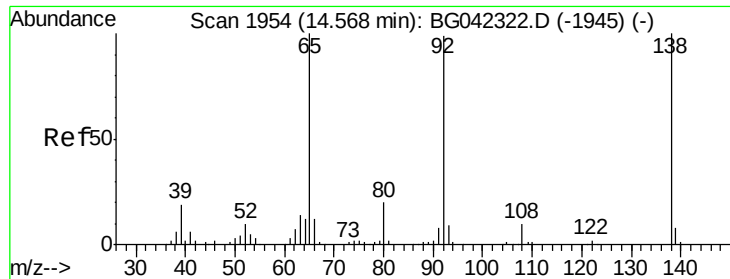
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.1	28.2	42.2
89	39.0	30.0	45.0



#52
 Acenaphthene
 Concen: 40.430 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.9	89.4	134.0
152	55.2	43.1	64.7





#53

3-Nitroaniline

Concen: 28.093 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampleId :

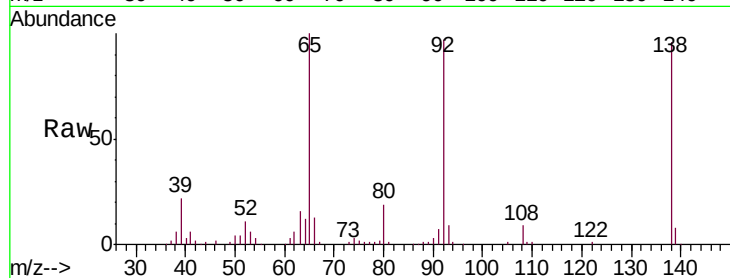
Tot Ion:138 Resp: 81414

Ion Ratio Lower Upper

138 100

108 9.5 7.9 11.9

92 100.3 79.8 119.8

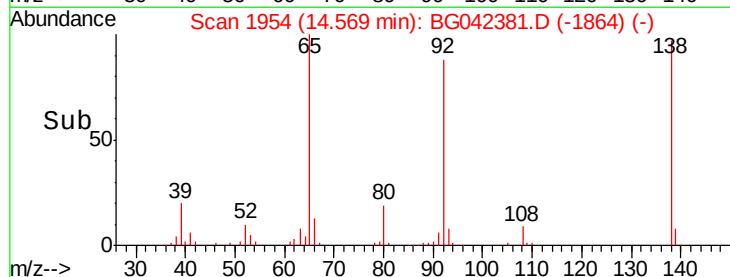


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

Time-->



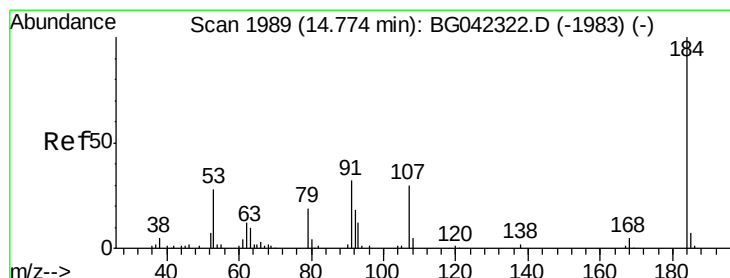
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

Time-->



#54

2,4-Dinitrophenol

Concen: 80.359 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

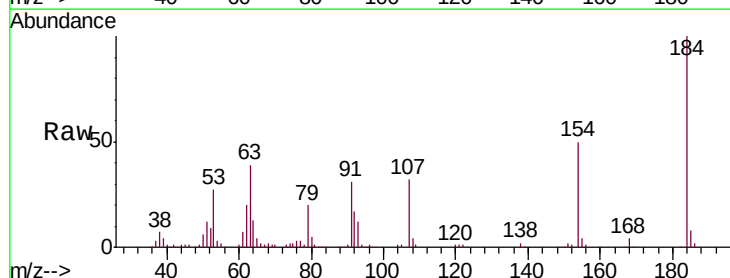
Tgt Ion:184 Resp: 153140

Ion Ratio Lower Upper

184 100

63 38.5 30.2 45.4

154 50.0 39.7 59.5

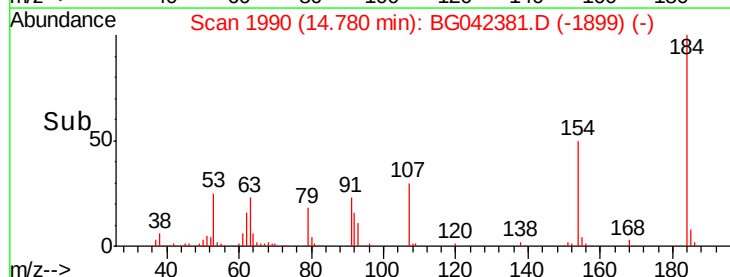


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

Time-->



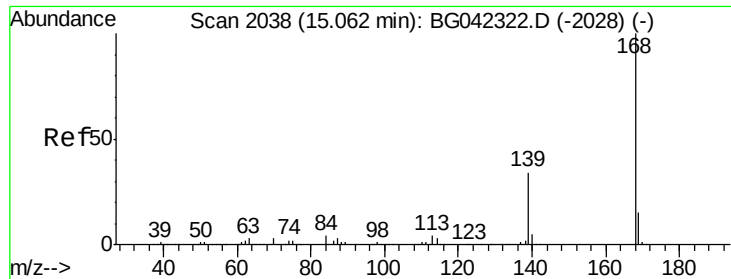
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

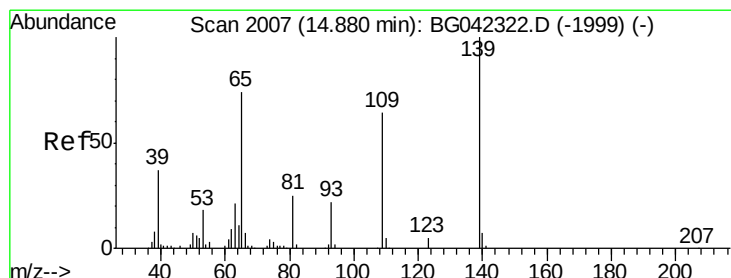
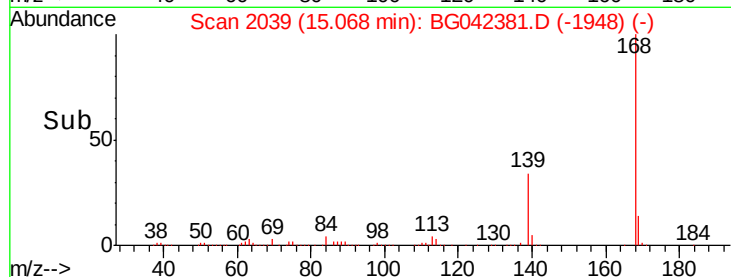
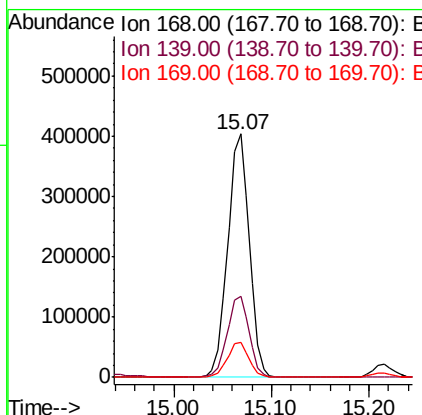
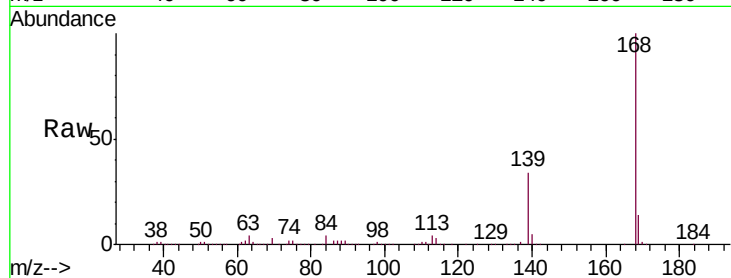
Time-->



#55
Dibenzofuran
Concen: 41.966 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

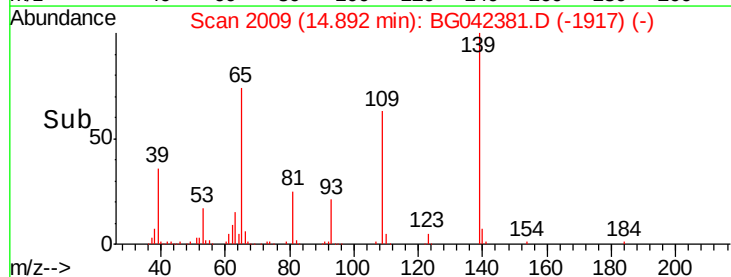
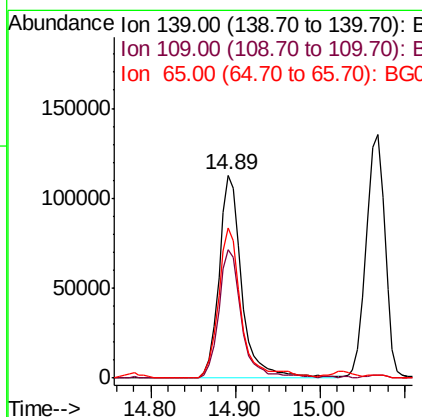
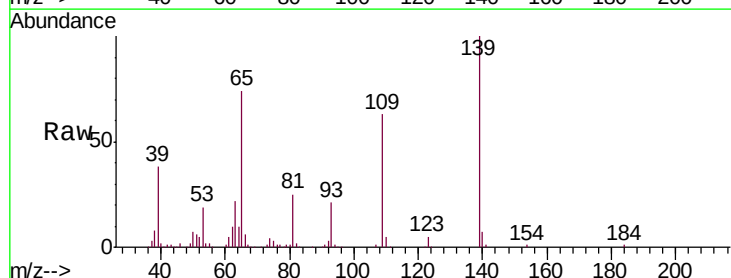
Instrument :
BNA_G
ClientSampled :

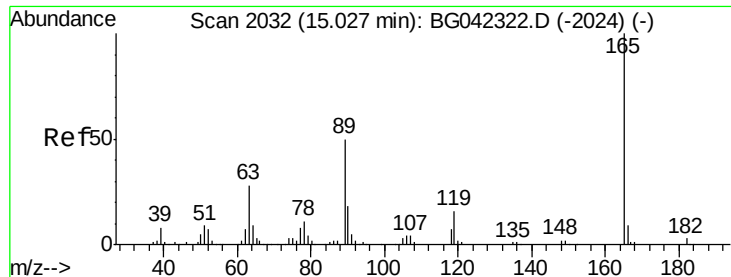
Tot Ion:168 Resp: 617909
Ion Ratio Lower Upper
168 100
139 33.5 27.6 41.4
169 14.3 11.7 17.5



#56
4-Nitrophenol
Concen: 101.025 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion:139 Resp: 211210
Ion Ratio Lower Upper
139 100
109 63.0 44.0 84.0
65 74.1 54.5 94.5

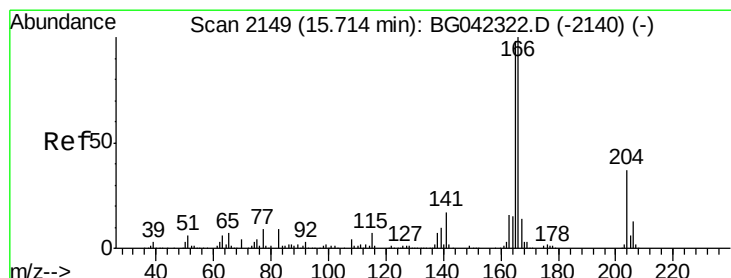
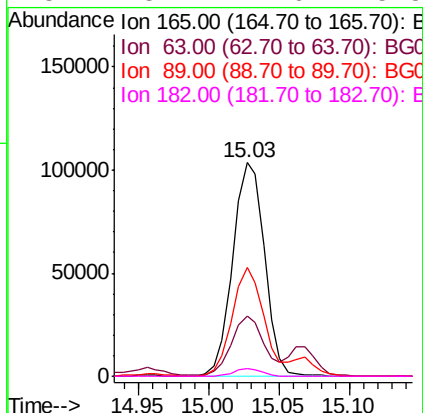
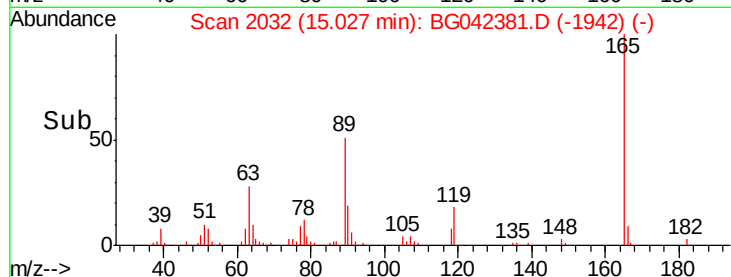
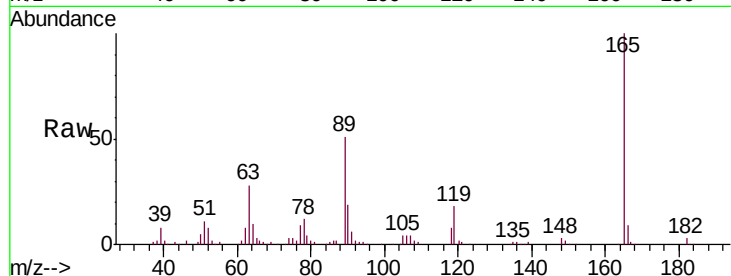




#57
 2,4-Dinitrotoluene
 Concen: 39.404 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

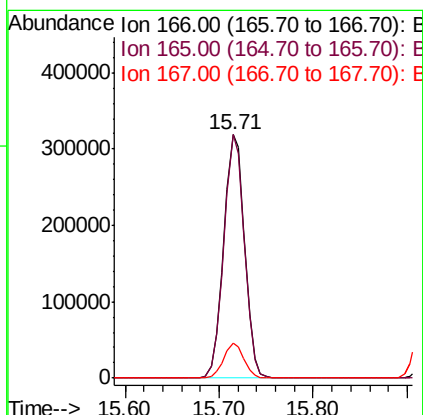
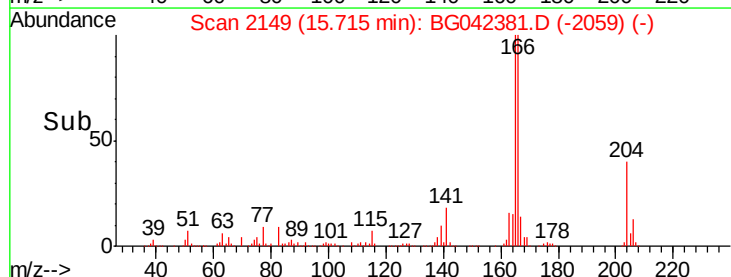
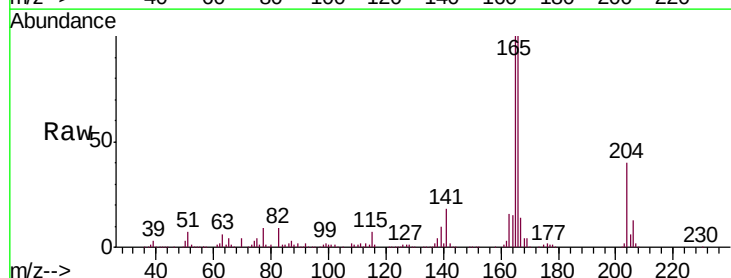
Instrument :
 BNA_G
 ClientSampleId :

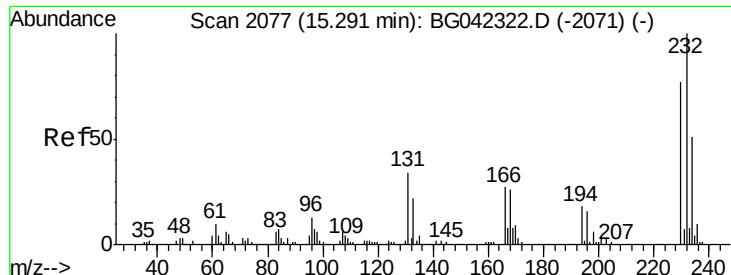
Tot Ion:165	Resp:	162370
Ion	Ratio	Lower Upper
165	100	
63	28.4	22.4 33.6
89	51.2	40.2 60.2
182	3.4	2.6 3.8



#58
 Fluorene
 Concen: 41.102 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion:166	Resp:	492310
Ion	Ratio	Lower Upper
166	100	
165	100.1	78.7 118.1
167	14.4	11.1 16.7

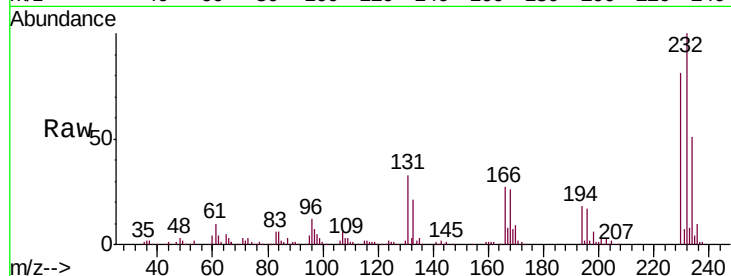




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.728 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. 0.01 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	31.5	27.0	40.6
130	1.0	1.4	2.0
166	25.9	21.3	31.9



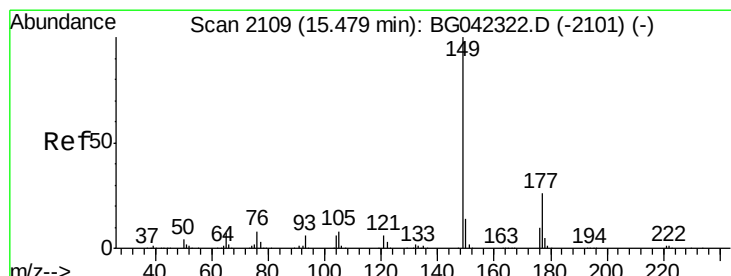
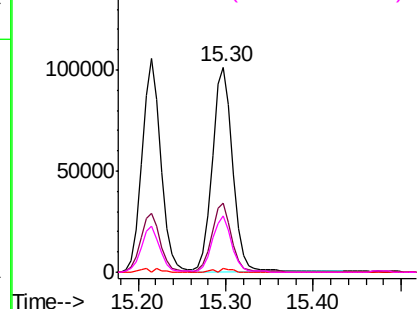
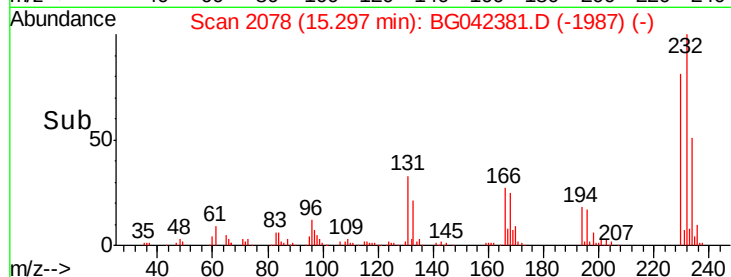
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

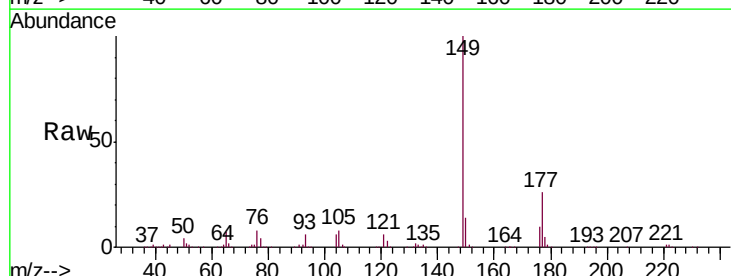
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.920 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.8	20.7	31.1
150	13.7	11.0	16.4

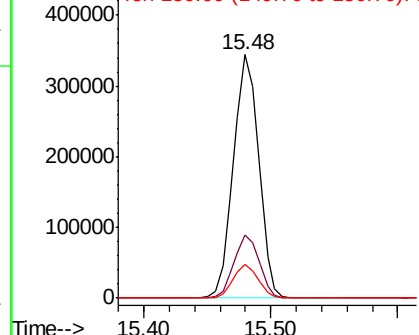
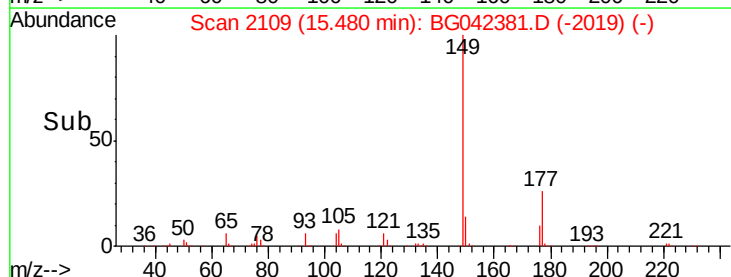


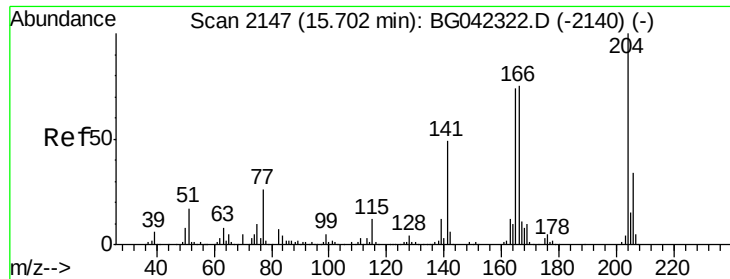
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

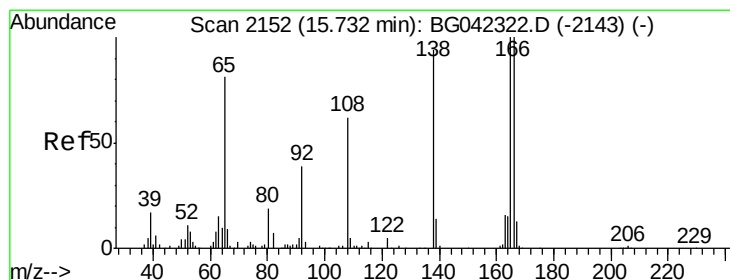
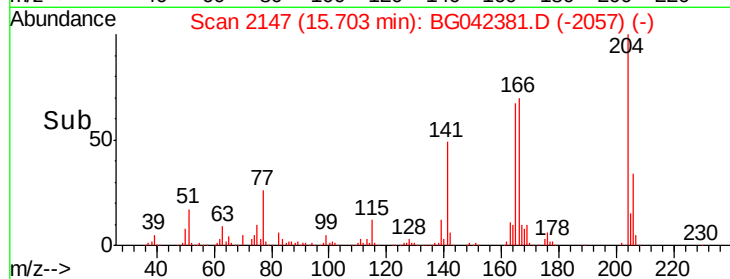
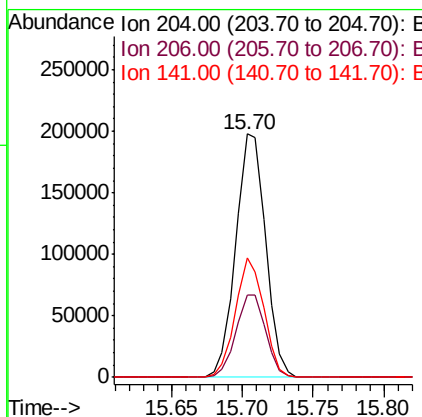
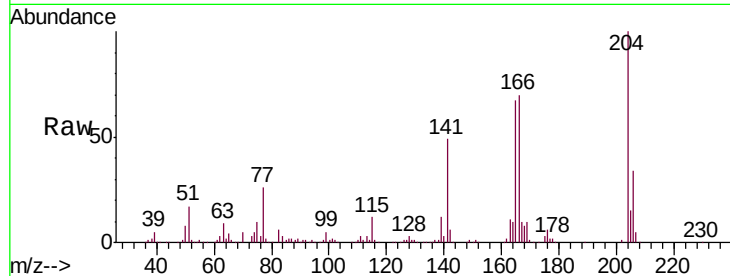




#61
 4-Chlorophenyl-phenylether
 Concen: 40.545 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

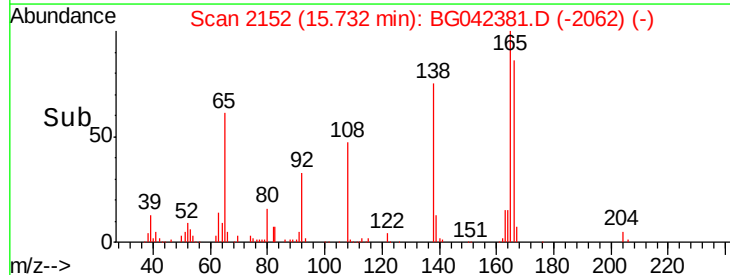
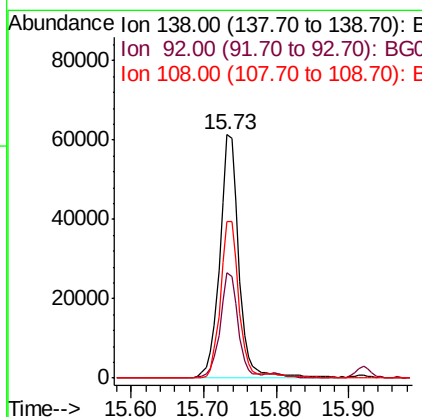
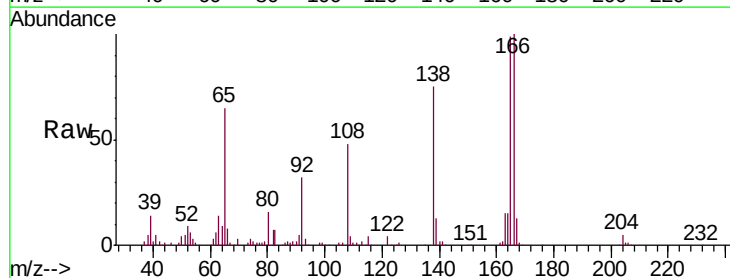
Instrument :
 BNA_G
 ClientSampled :

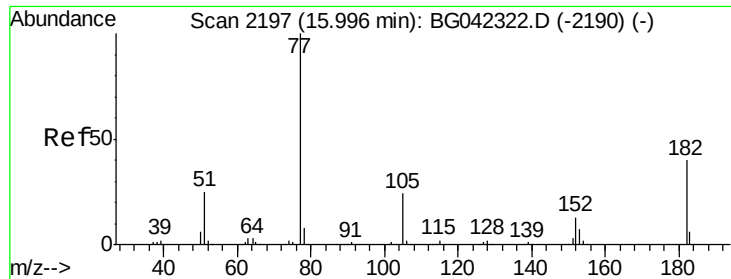
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.5	41.3
141	49.3	38.8	58.2



#62
 4-Nitroaniline
 Concen: 36.866 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.4	21.5	61.5
108	64.5	45.7	85.7





#63

Azobenzene

Concen: 40.074 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

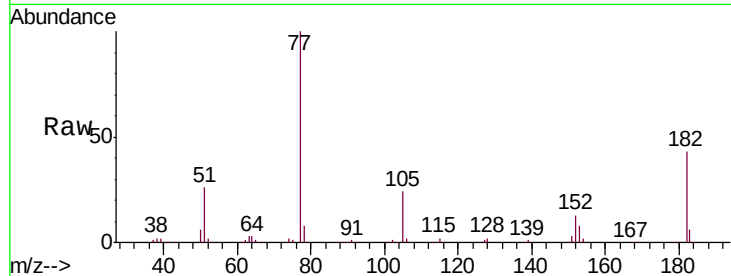
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 340239

Ion	Ratio	Lower	Upper
77	100		
182	42.8	19.7	59.7
105	23.8	3.5	43.5
51	26.4	5.4	45.4

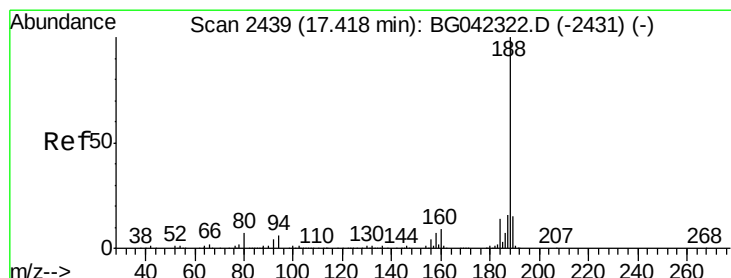
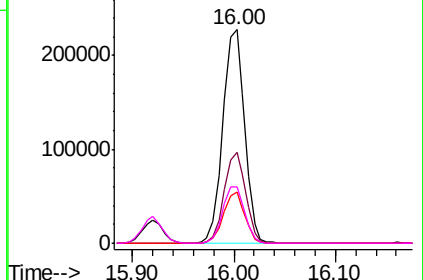
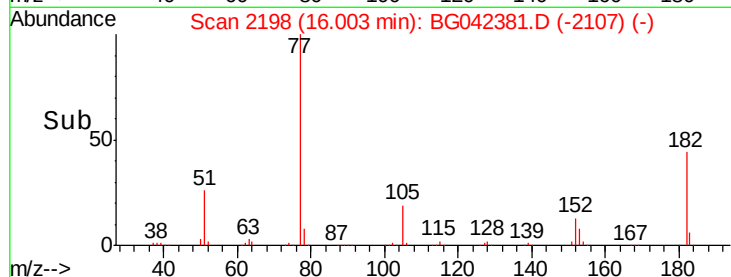


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

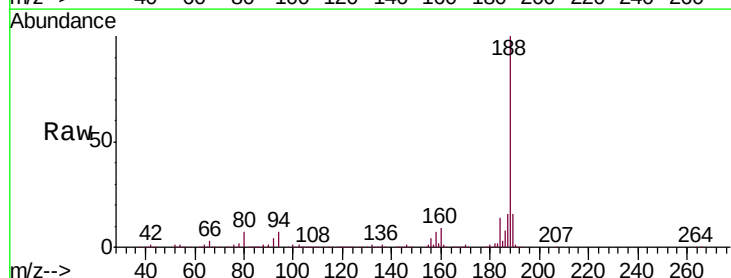
Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Tgt Ion: 188 Resp: 366452

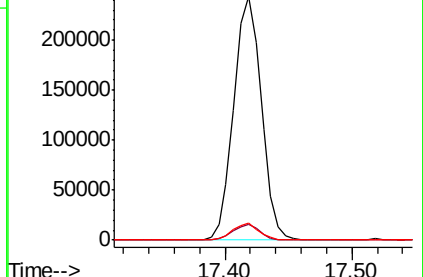
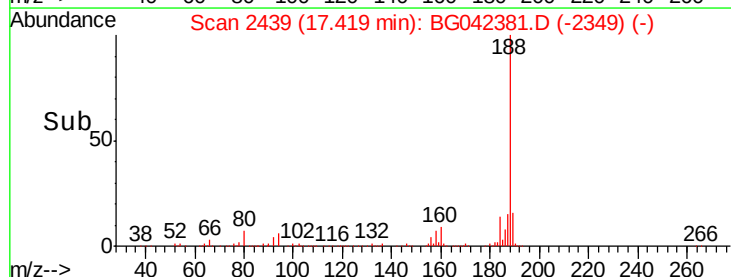
Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.9	7.3
80	6.7	5.4	8.0

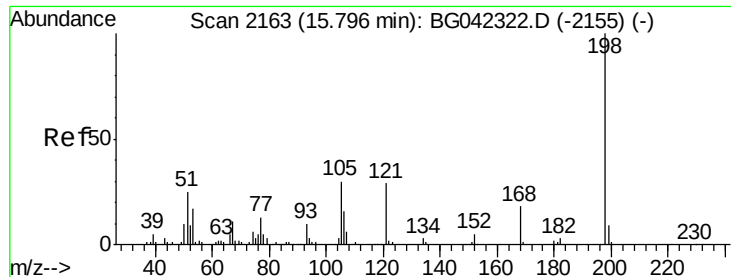


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

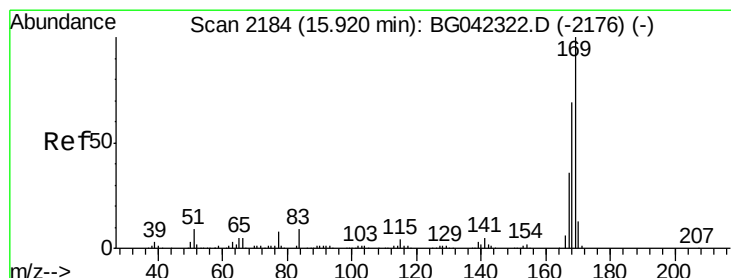
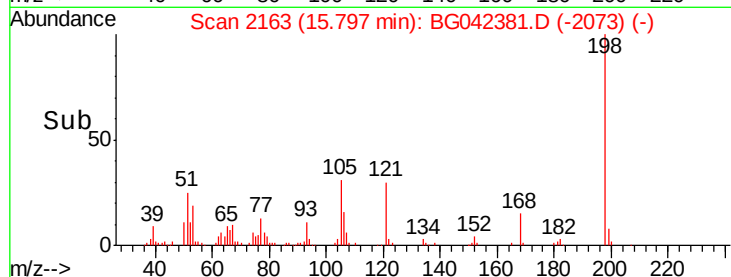
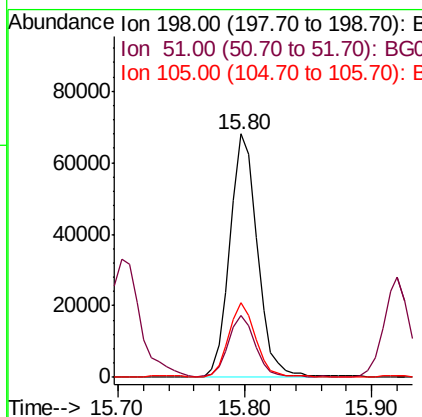
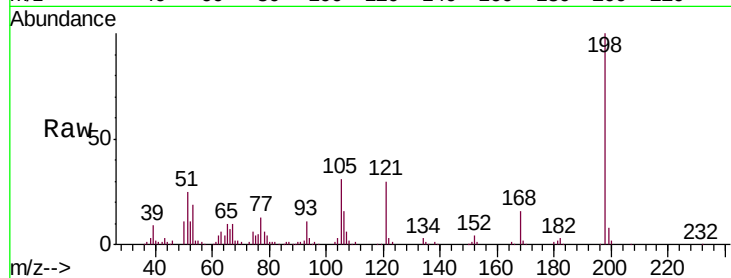




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.782 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

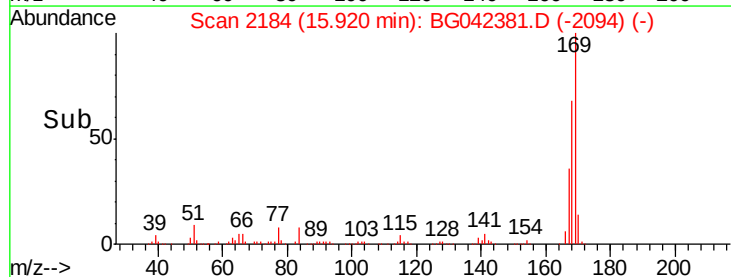
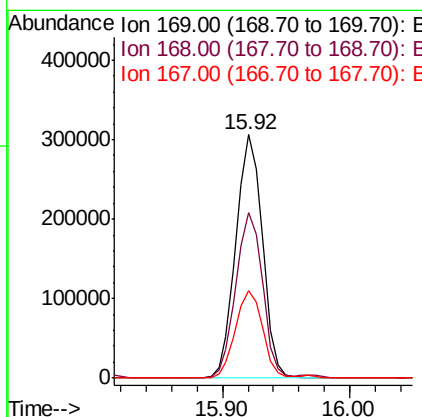
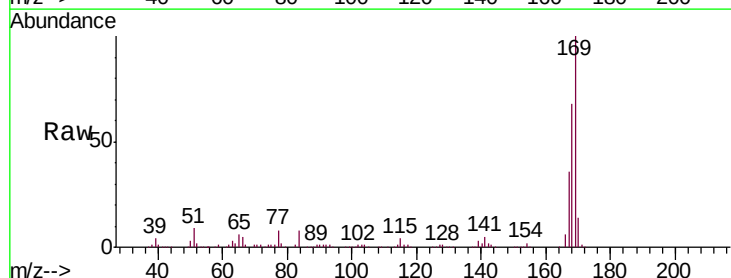
Instrument :
 BNA_G
 ClientSampleId :

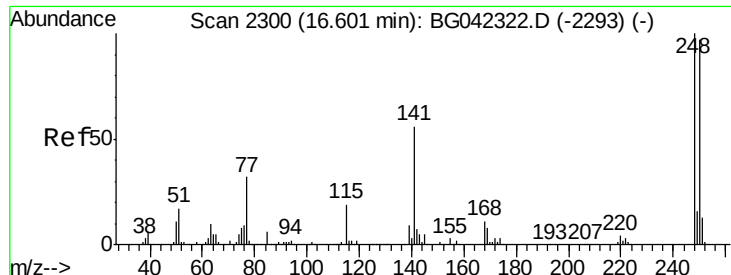
Tot Ion	Ratio	Lower	Upper
198	100		
51	25.4	6.4	46.4
105	30.7	10.0	50.0



#66
 n-Nitrosodiphenylamine
 Concen: 43.340 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	55.5	83.3
167	36.2	28.9	43.3

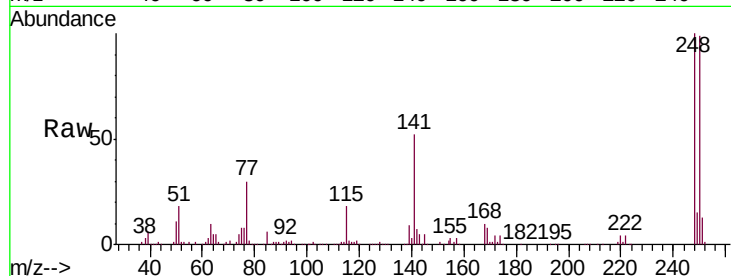




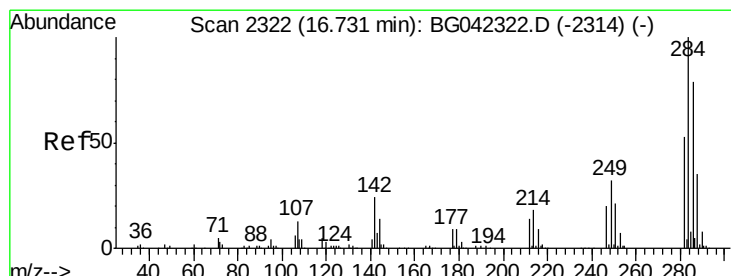
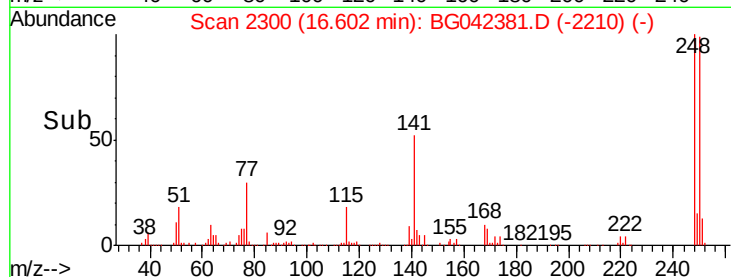
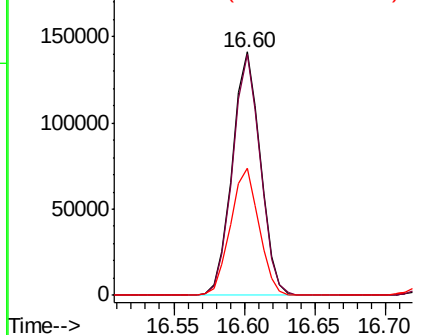
#67
 4-Bromophenyl-phenylether
 Concen: 42.089 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 196279
 Ion Ratio Lower Upper
 248 100
 250 99.2 78.0 117.0
 141 52.3 44.9 67.3

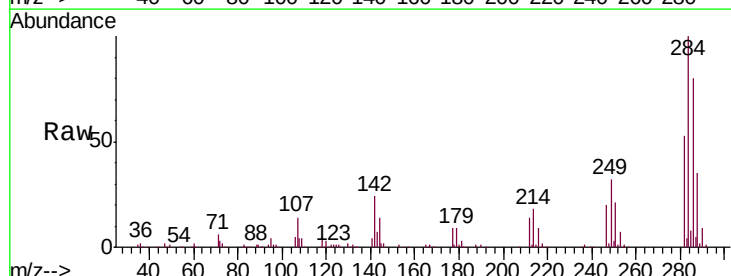


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

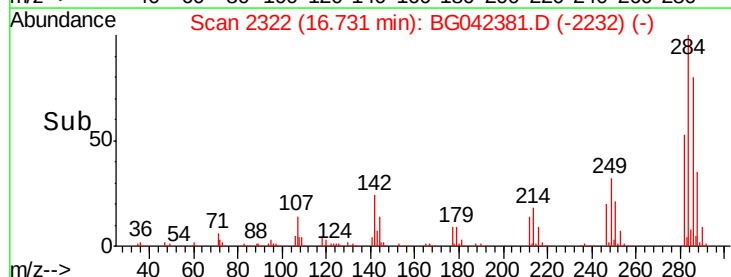
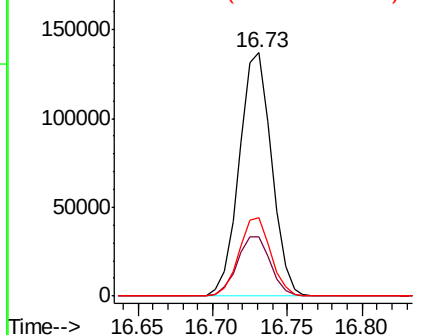


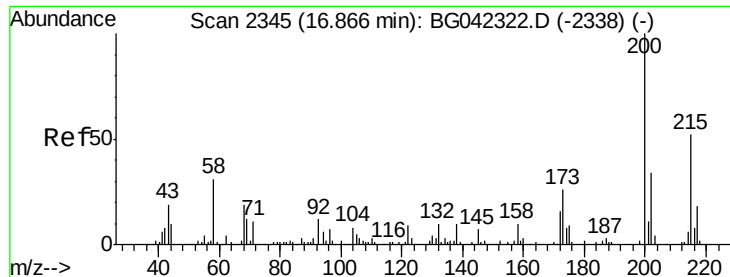
#68
 Hexachlorobenzene
 Concen: 41.143 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion:284 Resp: 205523
 Ion Ratio Lower Upper
 284 100
 142 24.4 19.0 28.4
 249 32.0 25.9 38.9



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: 44.113 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampled :

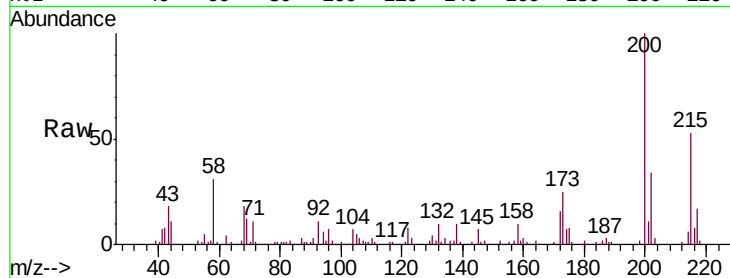
Tot Ion:200 Resp: 155049

Ion Ratio Lower Upper

200 100

173 24.9 6.0 46.0

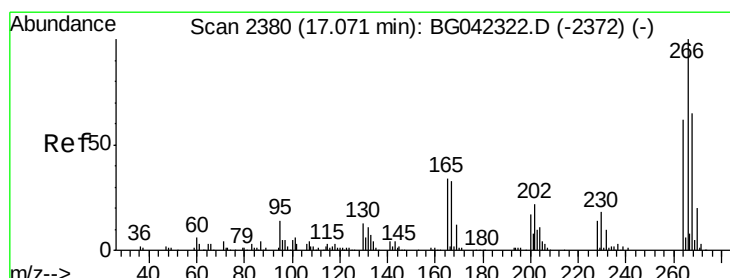
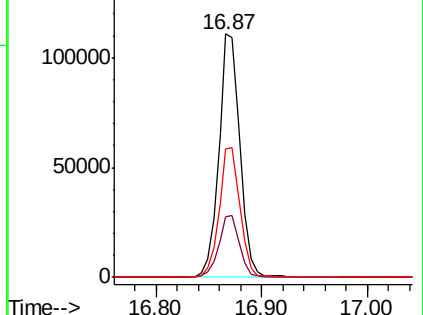
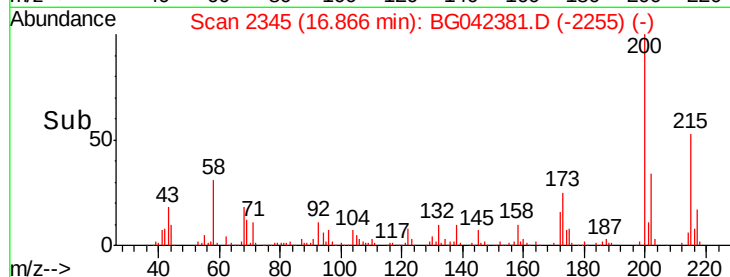
215 52.8 32.4 72.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 94.350 ng

RT: 17.08 min Scan# 2381

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

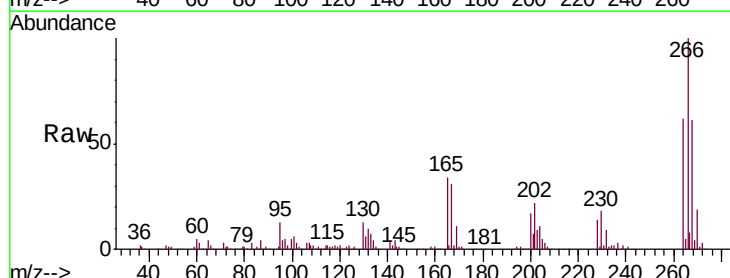
Tgt Ion:266 Resp: 250889

Ion Ratio Lower Upper

266 100

268 61.3 51.6 77.4

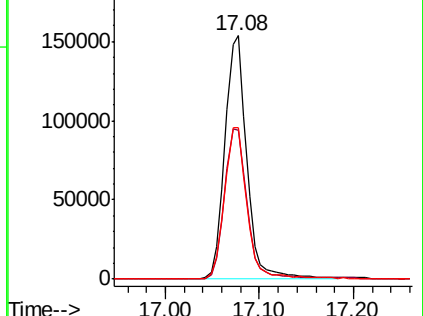
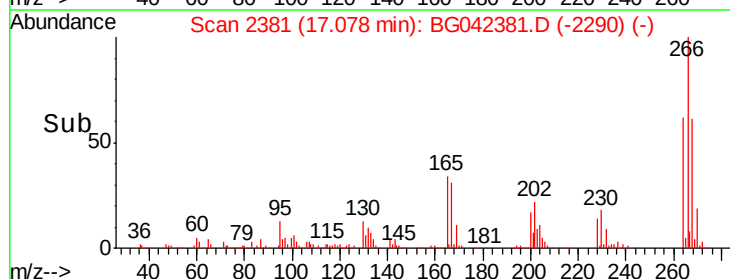
264 62.0 49.5 74.3

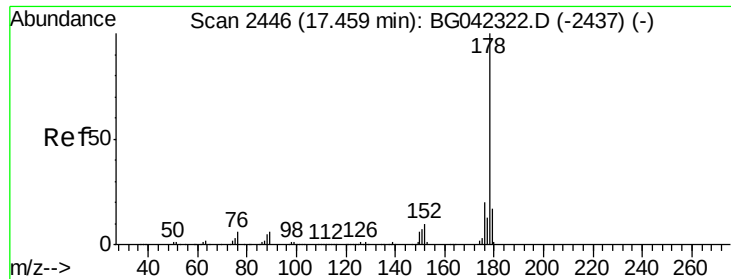


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

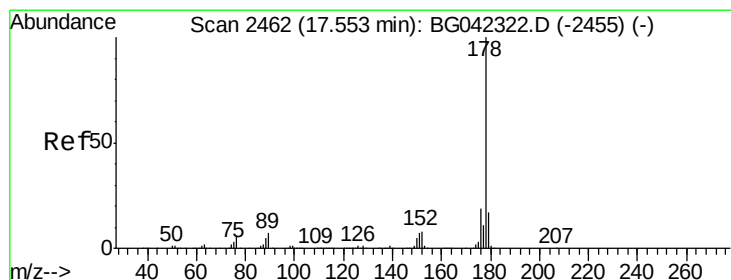
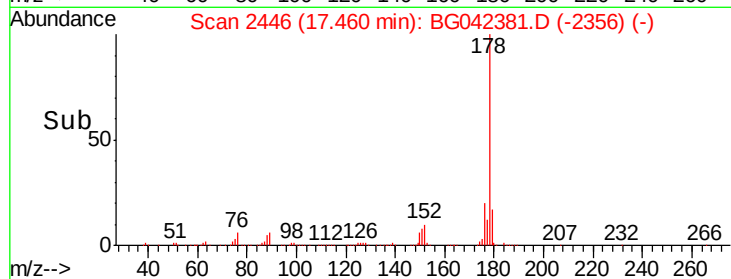
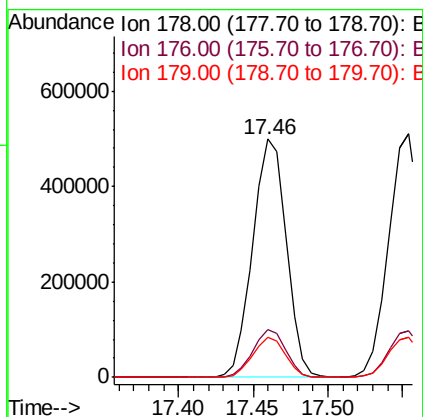
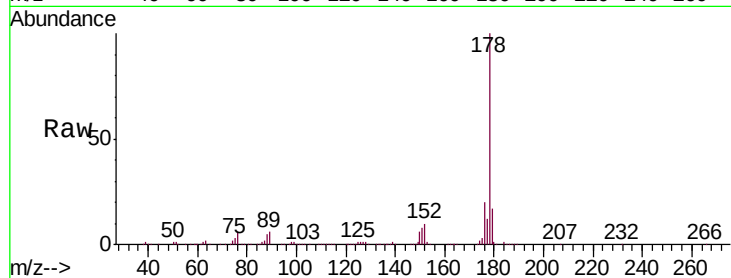




#71
Phenanthrene
Concen: 42.690 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

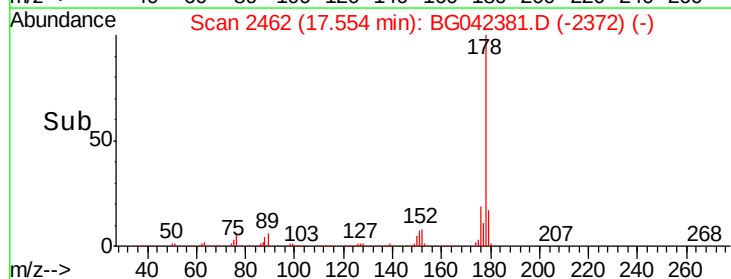
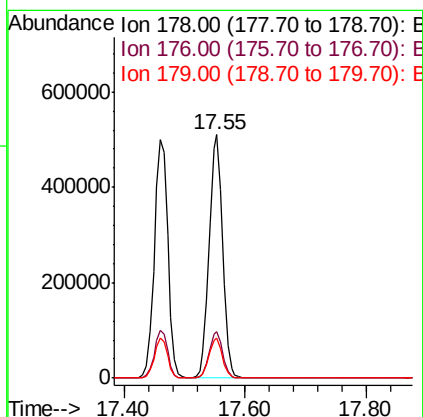
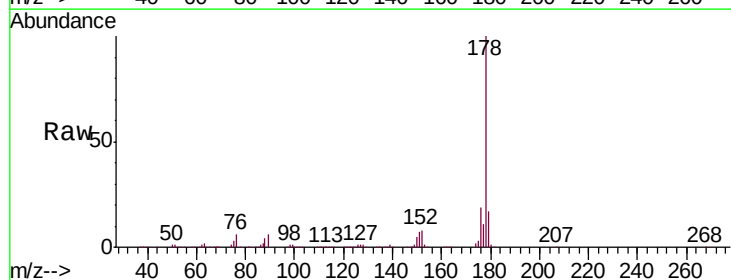
Instrument :
BNA_G
ClientSampleId :

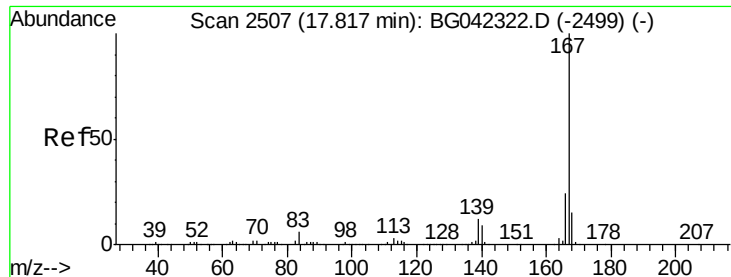
Tot Ion:178 Resp: 779126
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 17.1 13.7 20.5



#72
Anthracene
Concen: 43.785 ng
RT: 17.55 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion:178 Resp: 796979
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.6 13.6 20.4

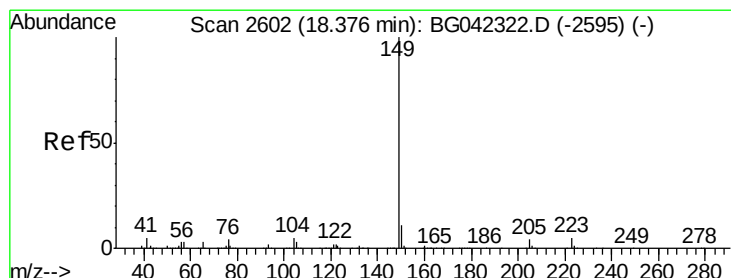
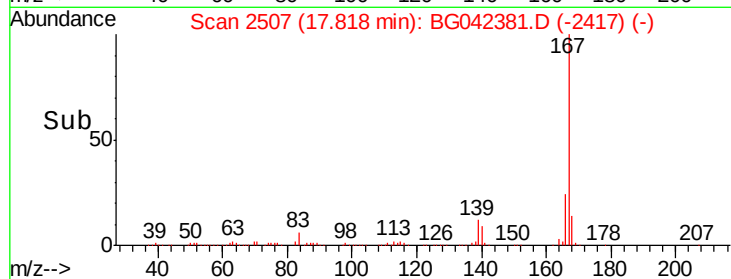
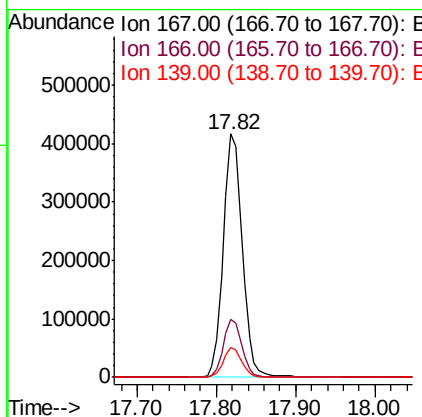
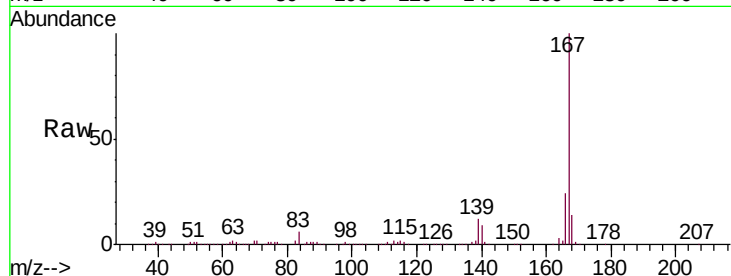




#73
 Carbazole
 Concen: 43.058 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

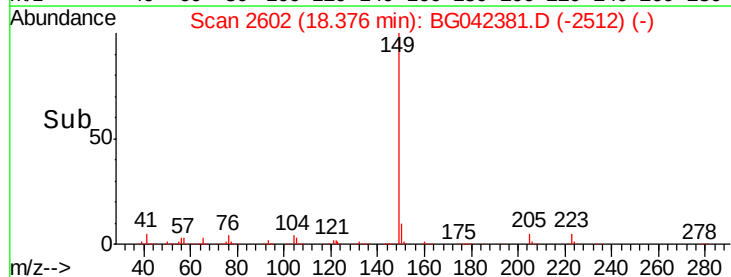
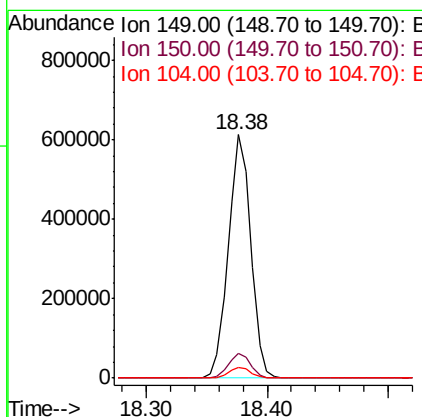
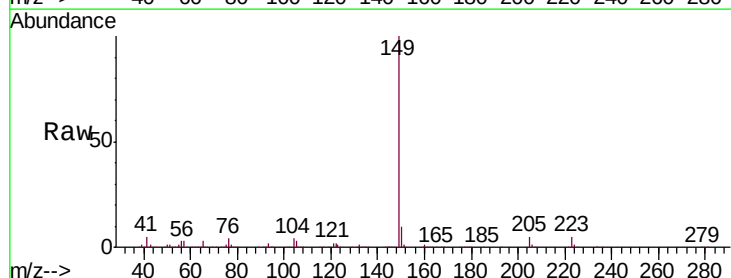
Instrument :
 BNA_G
 ClientSampled :

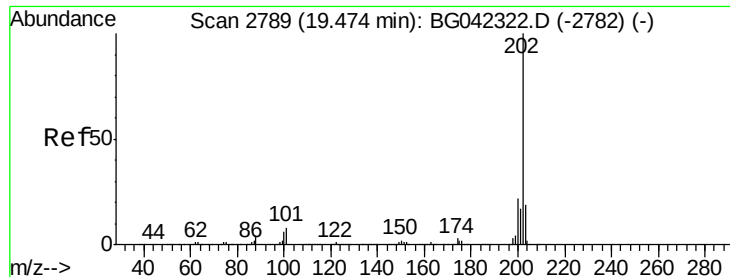
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.0	28.6
139	12.5	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 41.923 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.4	12.6
104	4.3	3.7	5.5





#75

Fluoranthene

Concen: 43.834 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampleId :

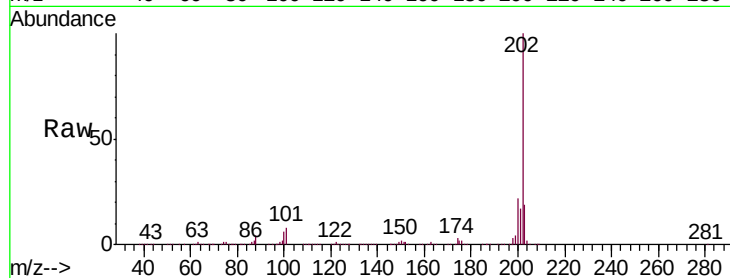
Tot Ion:202 Resp: 964712

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.0

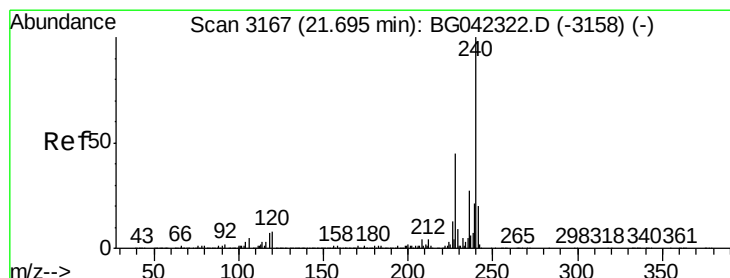
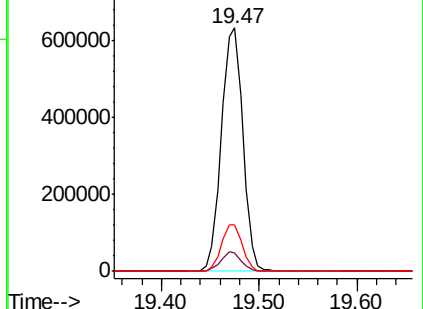
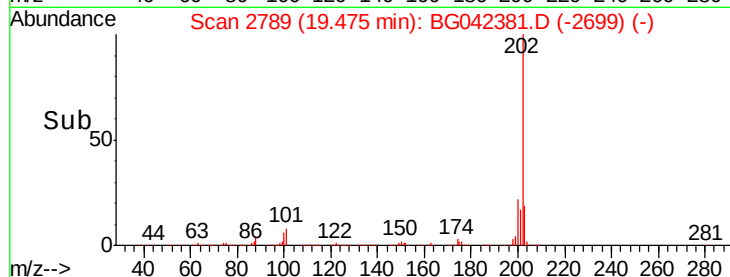
203 19.3 0.0 39.1



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: BG042381.D

Acq: 21 Aug 2019 13:33

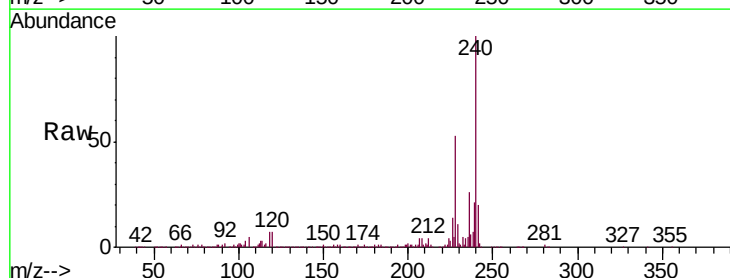
Tgt Ion:240 Resp: 380963

Ion Ratio Lower Upper

240 100

120 7.0 6.0 9.0

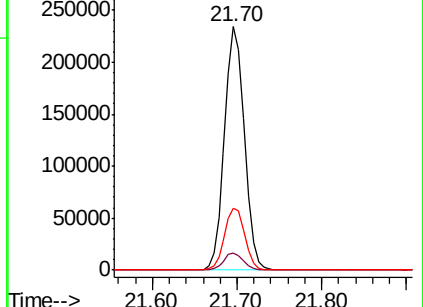
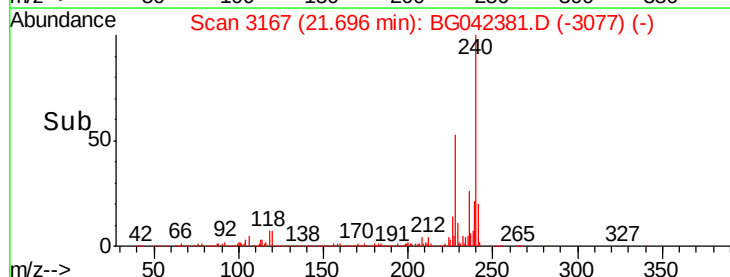
236 25.5 21.6 32.4

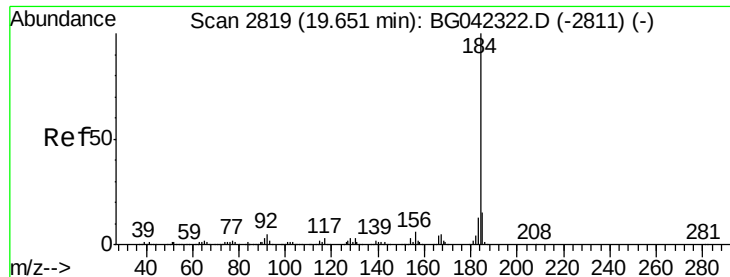


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.337 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

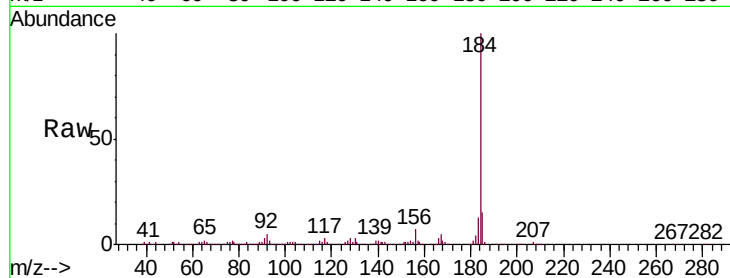
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 306431

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.6
183	12.9	10.6	15.8

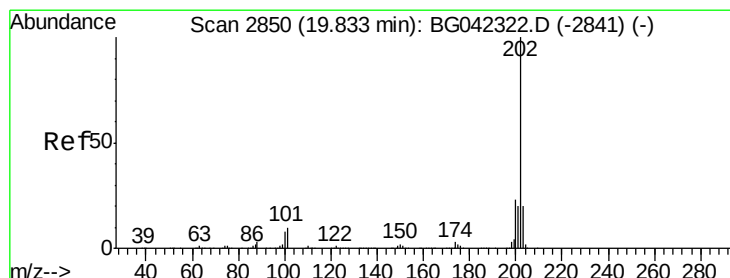
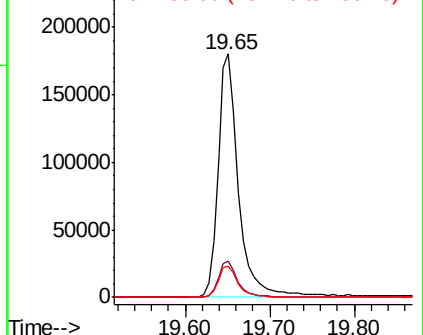
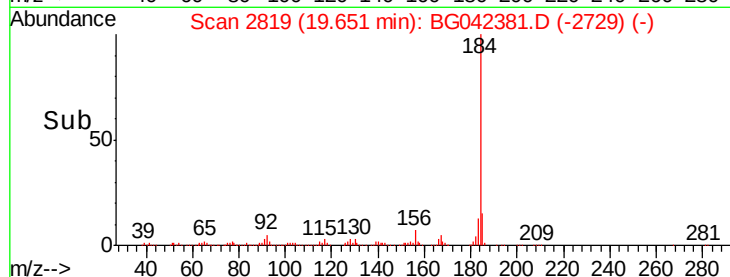


Abundance

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: 41.217 ng

RT: 19.83 min Scan# 2850

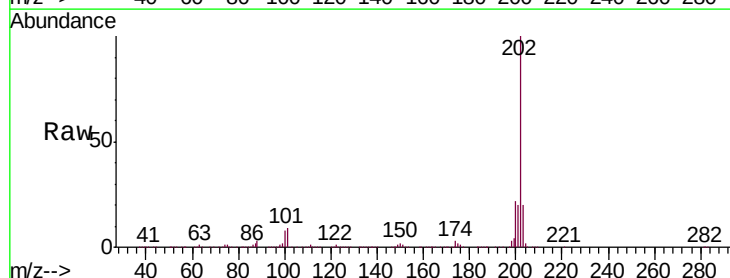
Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Tgt Ion:202 Resp: 966185

Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.1	27.1
203	19.5	15.8	23.8

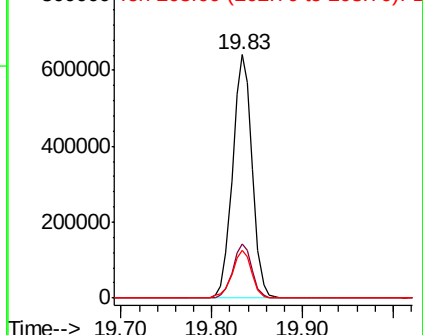
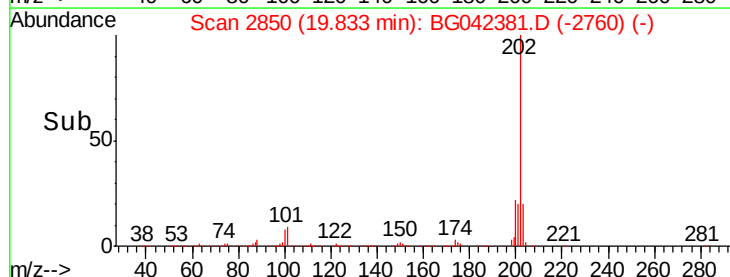


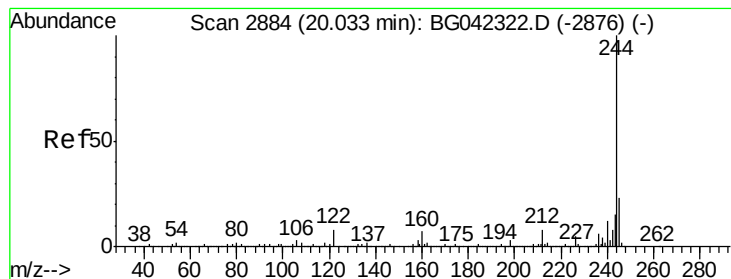
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.599 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

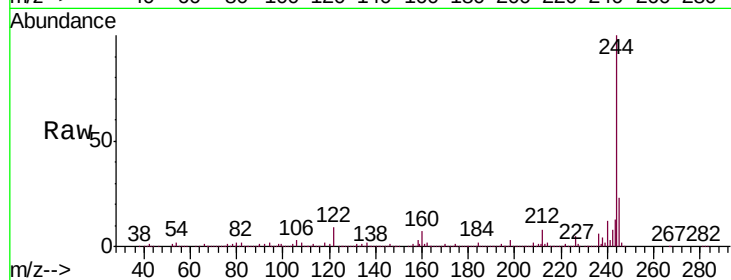
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1349699

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	8.7	6.6	10.0

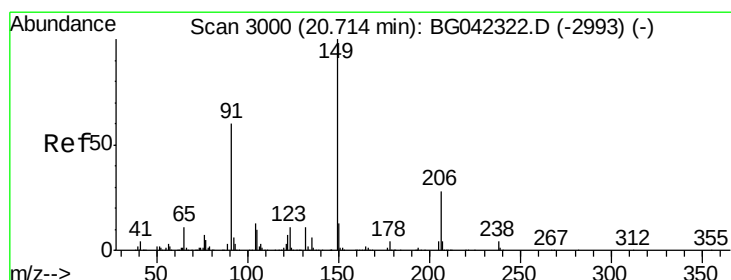
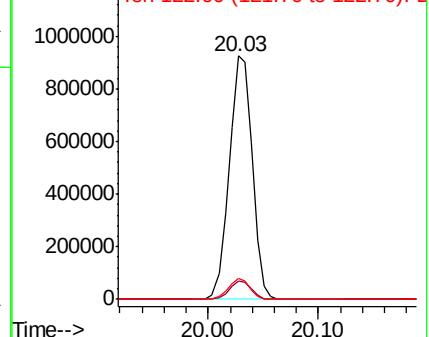
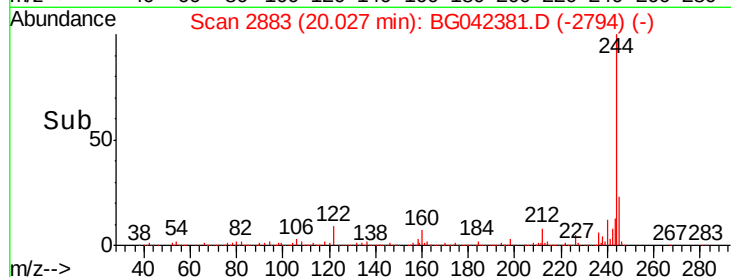


Abundance

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: 40.202 ng

RT: 20.71 min Scan# 3000

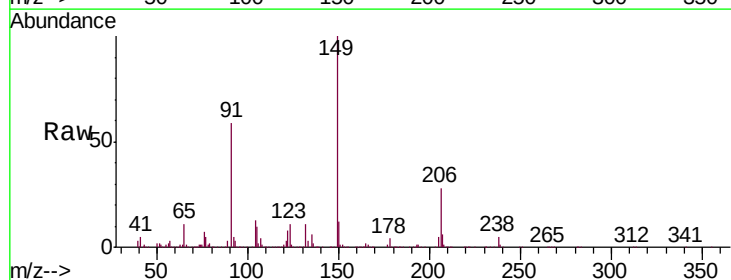
Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Tgt Ion:149 Resp: 373497

Ion	Ratio	Lower	Upper
149	100		
91	59.1	47.8	71.6
206	28.3	22.6	33.8

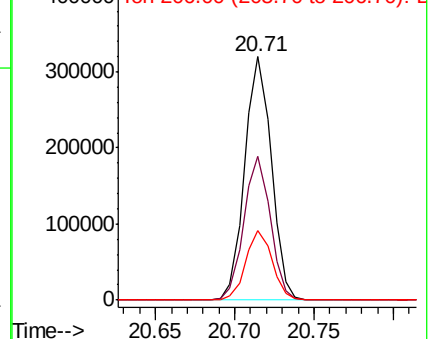
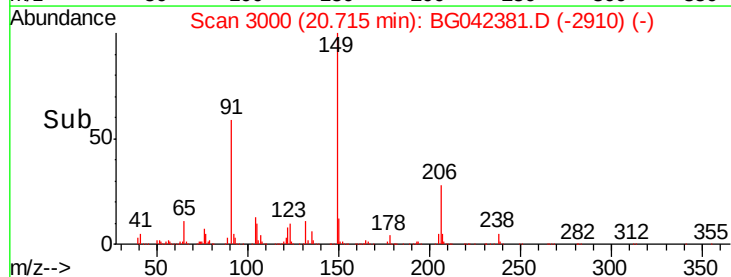


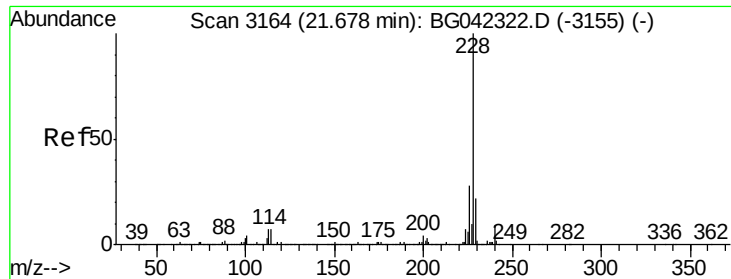
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

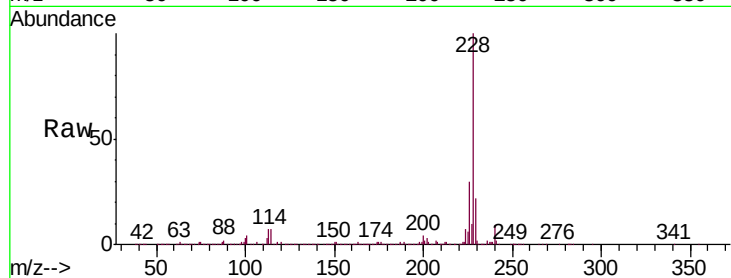




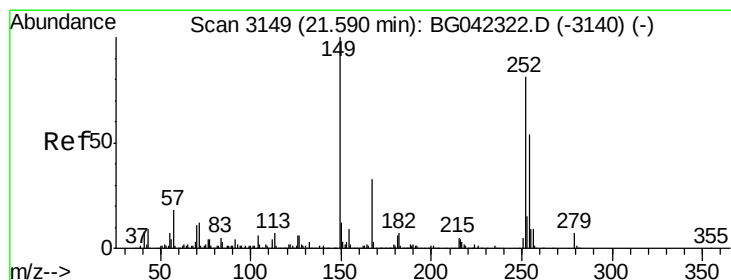
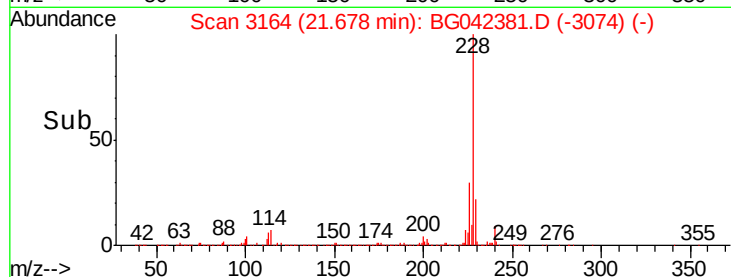
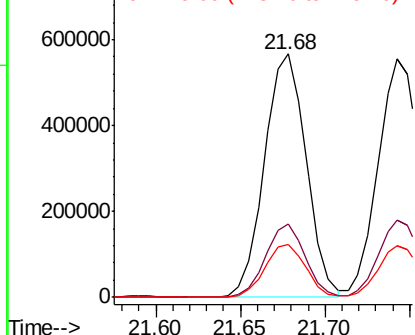
#81
Benzo(a)anthracene
Concen: 41.192 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 963712
Ion Ratio Lower Upper
228 100
226 29.9 22.7 34.1
229 21.7 17.4 26.2

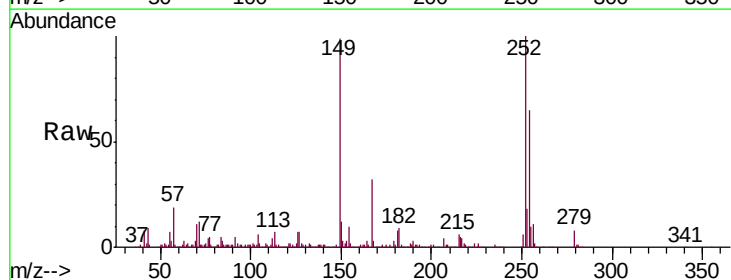


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

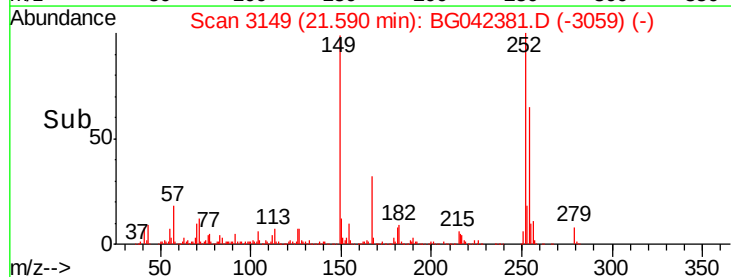
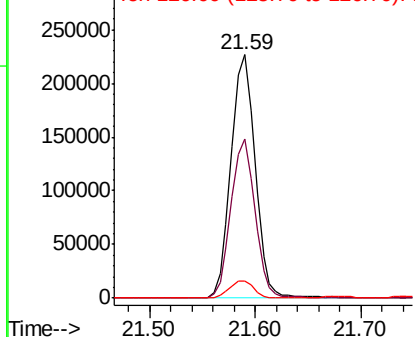


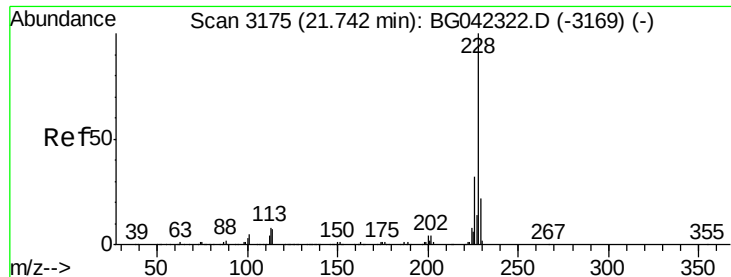
#82
3,3'-Dichlorobenzidine
Concen: 38.515 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion:252 Resp: 358650
Ion Ratio Lower Upper
252 100
254 65.5 53.0 79.6
126 7.0 6.2 9.2



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

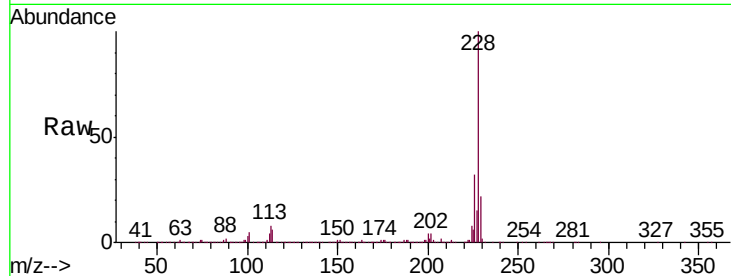




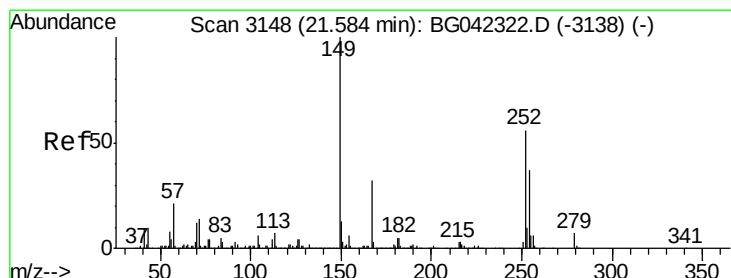
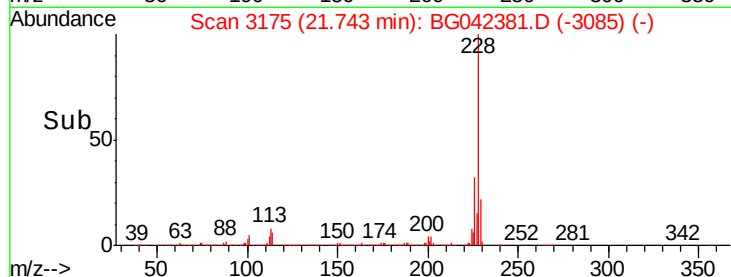
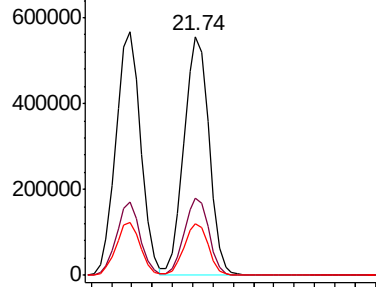
#83
 Chrysene
 Concen: 42.519 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.6	38.4
229	21.6	17.8	26.6

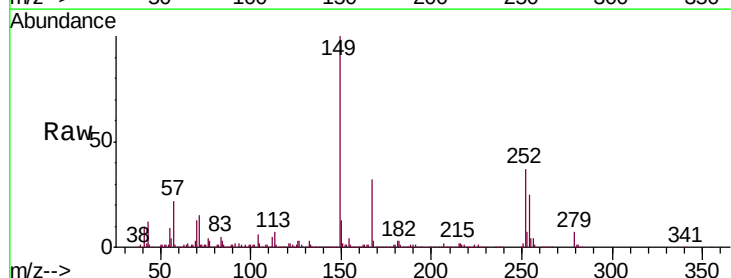


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

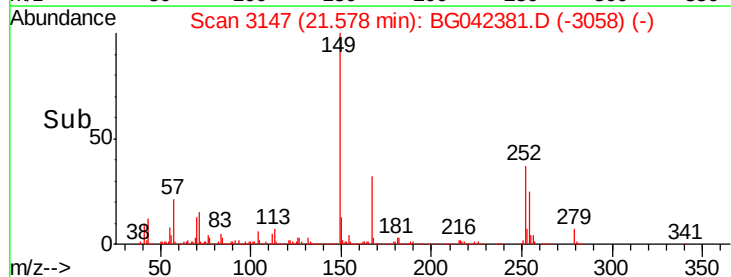
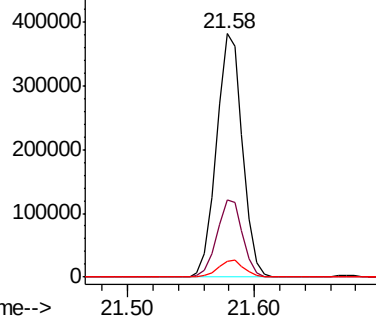


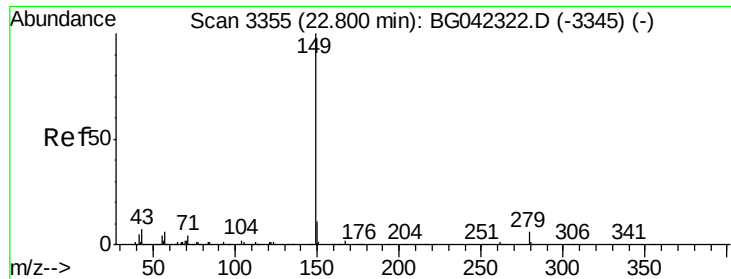
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.621 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.0	25.4	38.0
279	6.7	5.8	8.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.760 ng

RT: 22.80 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampleId :

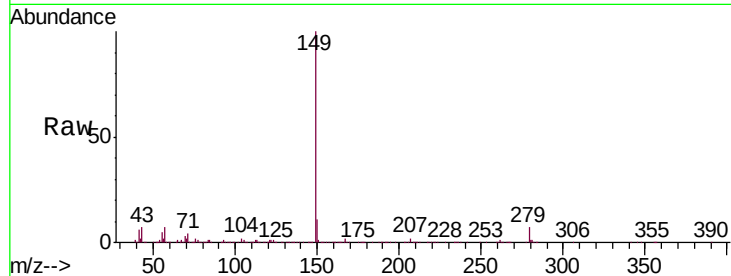
Tot Ion:149 Resp: 944805

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

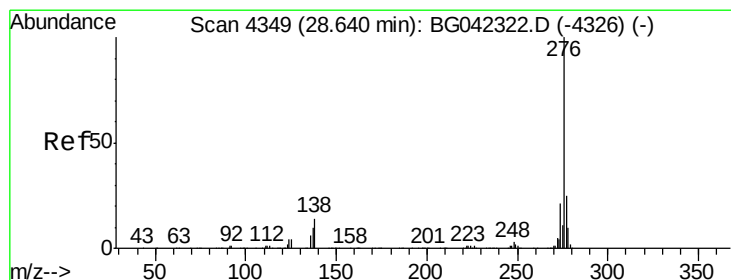
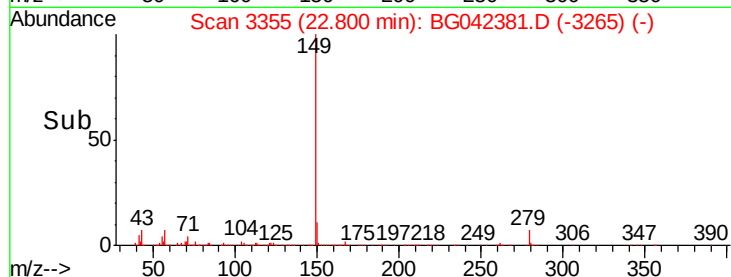
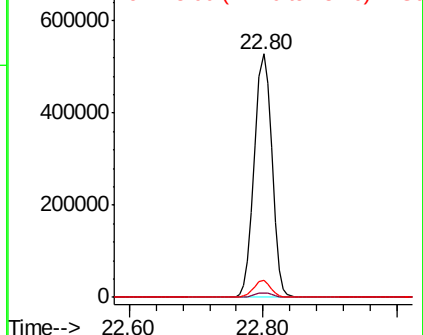
43 6.8 5.4 8.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.499 ng

RT: 28.65 min Scan# 4351

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

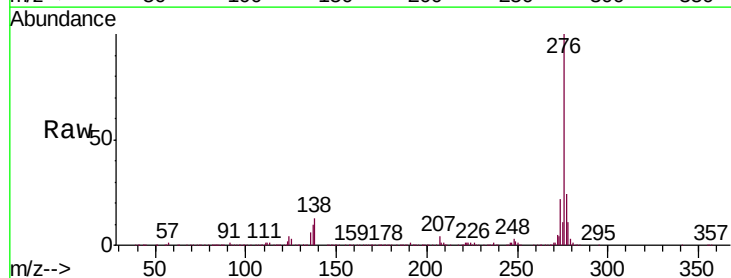
Tgt Ion:276 Resp: 1269967

Ion Ratio Lower Upper

276 100

138 17.1 14.5 21.7

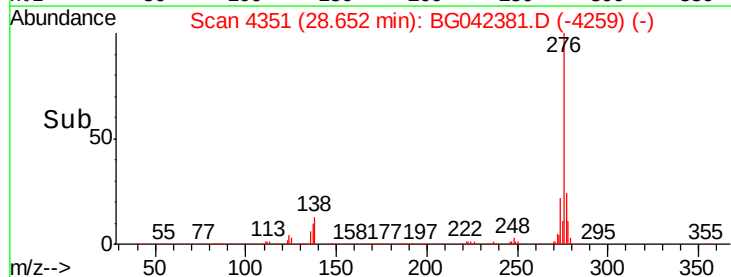
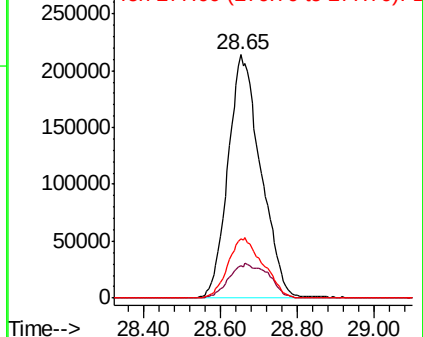
277 26.4 21.0 31.4

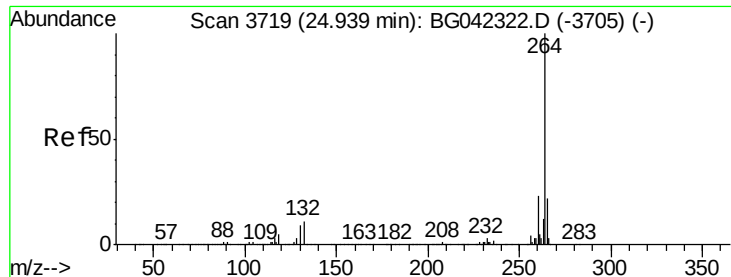


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampleId :

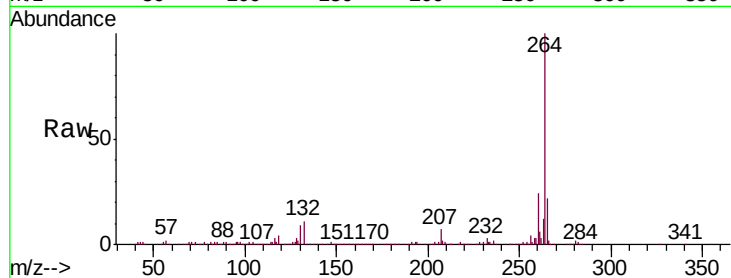
Tot Ion:264 Resp: 388283

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

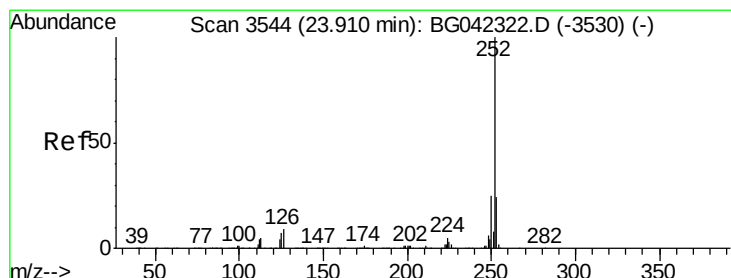
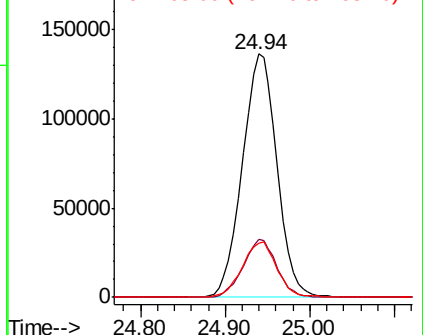
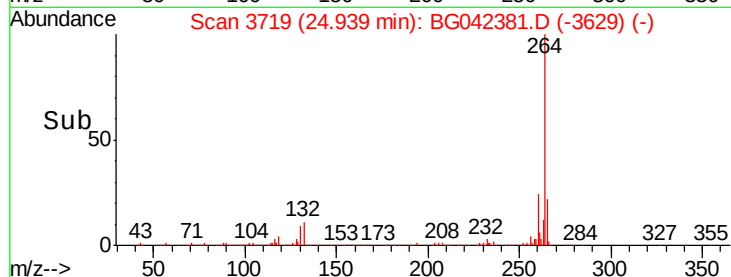
265 22.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.955 ng

RT: 23.92 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

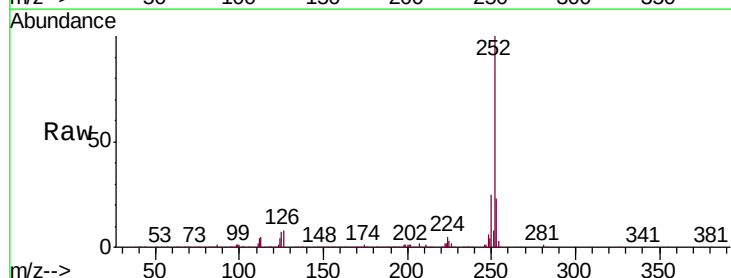
Tgt Ion:252 Resp: 1087476

Ion Ratio Lower Upper

252 100

253 23.2 18.9 28.3

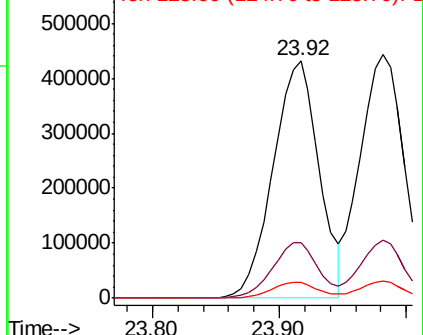
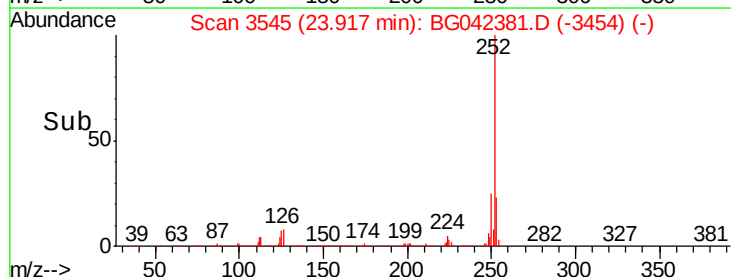
125 6.8 5.8 8.6

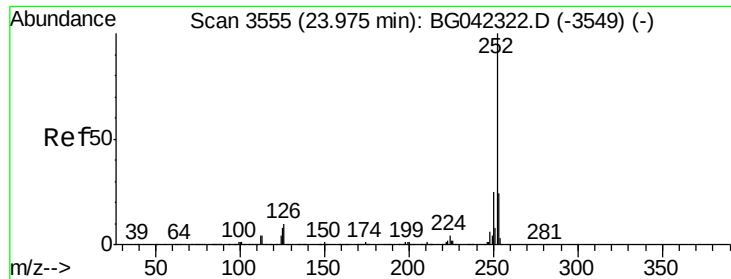


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.217 ng

RT: 23.98 min Scan# 3556

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

ClientSampled :

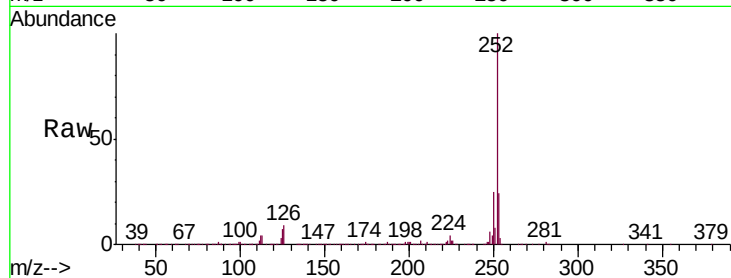
Tot Ion:252 Resp: 1068487

Ion Ratio Lower Upper

252 100

253 24.1 19.0 28.4

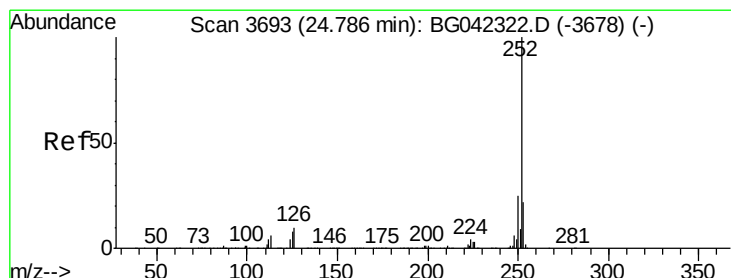
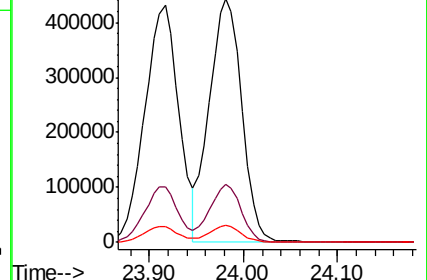
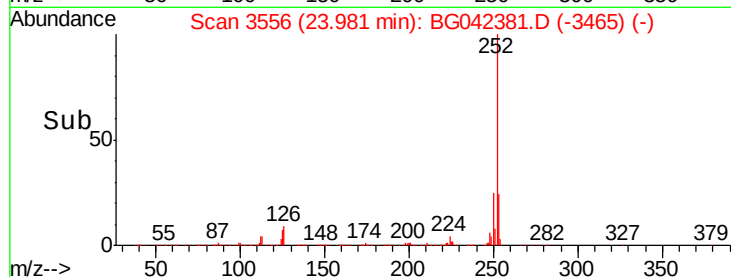
125 7.0 6.0 9.0



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



#90

Benzo(a)pyrene

Concen: 51.982 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

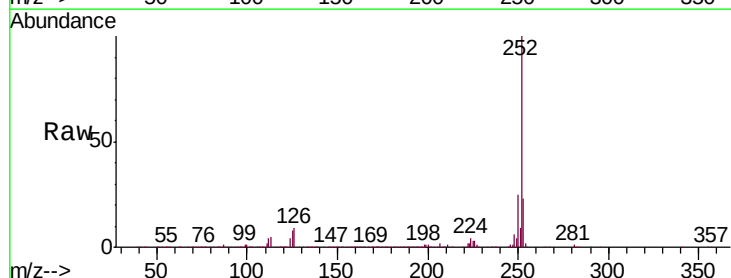
Tgt Ion:252 Resp: 1063050

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

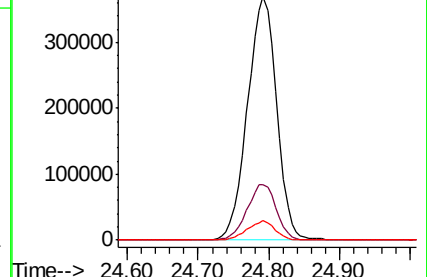
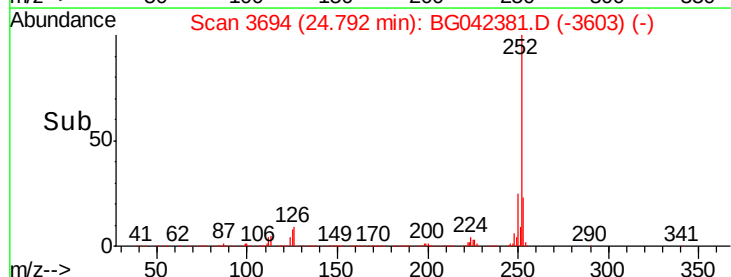
125 8.2 6.7 10.1

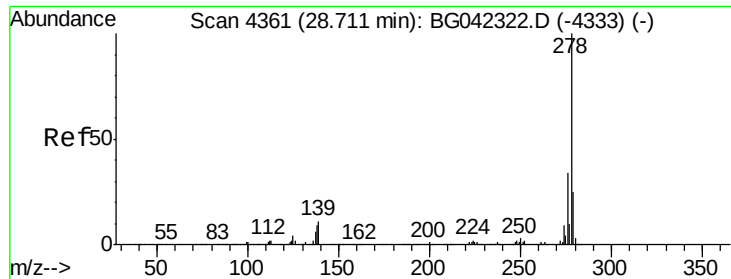


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

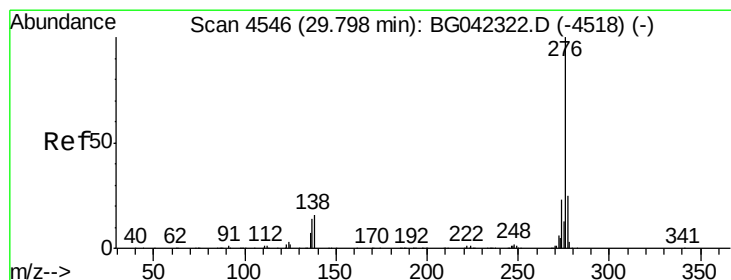
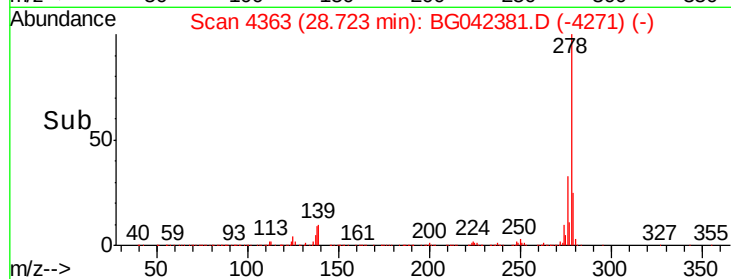
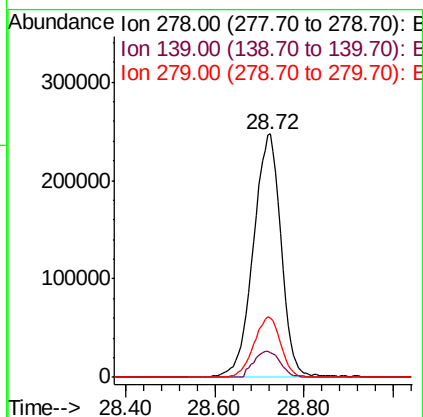
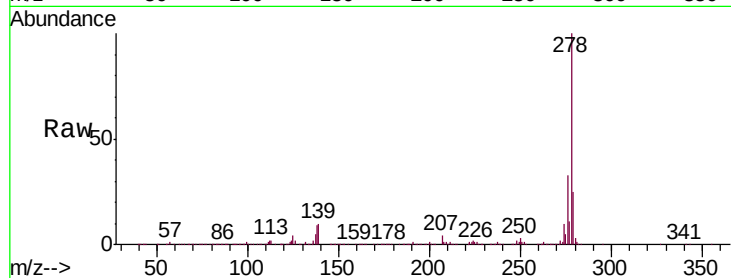




#91
Dibenzo(a,h)anthracene
Concen: 51.843 ng
RT: 28.72 min Scan# 4363
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1057685
Ion Ratio Lower Upper
278 100
139 10.4 8.5 12.7
279 24.6 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 52.026 ng
RT: 29.82 min Scan# 4549
Delta R.T. 0.02 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion:276 Resp: 1057693
Ion Ratio Lower Upper
276 100
277 24.8 19.8 29.8
138 13.5 12.8 19.2

