

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042814.D
 Acq On : 13 Sep 2019 12:49
 Operator : HP/JU
 Sample : PB122826BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 14:15:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	78522	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	325173	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	217920	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	505546	20.00	ng	0.00
76) Chrysene-d12	21.76	240	539288	20.00	ng	0.00
87) Perylene-d12	25.02	264	590304	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	569227	126.03	ng	0.00
7) Phenol-d6	7.27	99	787333	121.45	ng	0.00
23) Nitrobenzene-d5	9.27	82	456411	73.07	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	322670	111.29	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	995705	72.33	ng	0.00
79) Terphenyl-d14	20.08	244	1698288	69.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	81127	39.358	ng	95
3) Pyridine	3.98	79	220590	35.544	ng	94
4) n-Nitrosodimethylamine	3.89	42	123644	40.944	ng	98
6) Aniline	7.44	93	293421	33.548	ng	98
8) 2-Chlorophenol	7.68	128	226631	46.421	ng	97
9) Benzaldehyde	7.25	77	163261	38.700	ng	96
10) Phenol	7.30	94	308959	46.472	ng	100
11) bis(2-Chloroethyl)ether	7.53	93	215290	42.195	ng	95
12) 1,3-Dichlorobenzene	8.01	146	241523	40.560	ng	99
13) 1,4-Dichlorobenzene	8.15	146	246064	41.274	ng	96
14) 1,2-Dichlorobenzene	8.47	146	230712	40.655	ng	99
15) Benzyl Alcohol	8.35	79	245451	44.119	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	445532	39.763	ng	98
17) 2-Methylphenol	8.55	107	203894	45.842	ng	98
18) Hexachloroethane	9.21	117	89290	40.568	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	196387	41.112	ng	97
20) 3+4-Methylphenols	8.88	107	277878	45.323	ng	95
22) Acetophenone	8.94	105	343505	41.828	ng	96
24) Nitrobenzene	9.32	77	286413	43.688	ng	99
25) Isophorone	9.84	82	530977	40.785	ng	98
26) 2-Nitrophenol	10.03	139	116061	45.020	ng	93
27) 2,4-Dimethylphenol	10.09	122	222988	48.899	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	294925	40.622	ng	99
29) 2,4-Dichlorophenol	10.56	162	236243	44.580	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	256695	39.675	ng	99
31) Naphthalene	10.98	128	674501	42.012	ng	99
32) Benzoic acid	10.20	122	146807	40.821	ng	93
33) 4-Chloroaniline	11.07	127	182531	24.324	ng	96
34) Hexachlorobutadiene	11.27	225	174088	38.404	ng	95
35) Caprolactam	11.83	113	49518	25.128	ng	92
36) 4-Chloro-3-methylphenol	12.18	107	252438	43.873	ng	97
37) 2-Methylnaphthalene	12.57	142	501881	41.731	ng	97
38) 1-Methylnaphthalene	12.79	142	468327	41.519	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	309105	42.925	ng	99

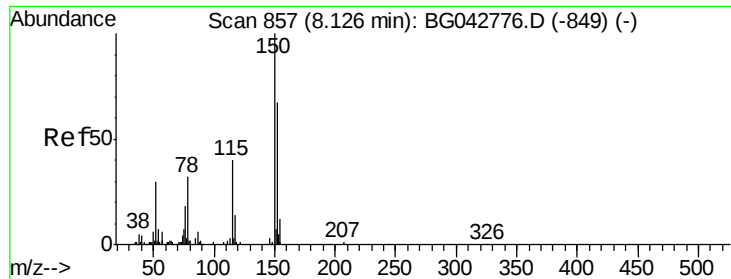
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
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 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	412028	99.879	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	205556	42.877	nq	97
44) 2,4,5-Trichlorophenol	13.24	196	222477	45.306	nq	93
46) 1,1'-Biphenyl	13.57	154	658855	43.187	nq	99
47) 2-Chloronaphthalene	13.61	162	513557	40.694	nq	100
48) 2-Nitroaniline	13.80	65	188817	43.130	nq	98
49) Acenaphthylene	14.46	152	828370	42.953	nq	97
50) Dimethylphthalate	14.19	163	667314	40.877	nq	98
51) 2,6-Dinitrotoluene	14.29	165	153491	45.822	nq	94
52) Acenaphthene	14.80	154	542759	43.079	nq	99
53) 3-Nitroaniline	14.62	138	111525	29.665	nq	# 95
54) 2,4-Dinitrophenol	14.82	184	99265	60.196	nq	86
55) Dibenzofuran	15.13	168	784379	41.884	nq	97
56) 4-Nitrophenol	14.92	139	256975	88.405	nq	95
57) 2,4-Dinitrotoluene	15.08	165	198928	44.554	nq	100
58) Fluorene	15.78	166	649914	41.875	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	217398	45.669	nq	99
60) Diethylphthalate	15.55	149	661566	39.923	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	367983	40.100	nq	96
62) 4-Nitroaniline	15.79	138	166015	40.968	nq	98
63) Azobenzene	16.06	77	661105	41.429	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	91878	42.474	nq	97
66) n-Nitrosodiphenylamine	15.98	169	584085	42.935	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	248220	40.566	nq	98
68) Hexachlorobenzene	16.79	284	253107	38.711	nq	99
69) Atrazine	16.93	200	222310	46.928	nq	98
70) Pentachlorophenol	17.12	266	338649	87.310	nq	95
71) Phenanthrene	17.52	178	1012414	41.875	nq	98
72) Anthracene	17.61	178	1037616	42.958	nq	100
73) Carbazole	17.87	167	978006	42.601	nq	98
74) Di-n-butylphthalate	18.44	149	1124507	40.890	nq	99
75) Fluoranthene	19.52	202	1349174	43.058	nq	99
77) Benzidine	19.69	184	647545	42.978	nq	99
78) Pyrene	19.88	202	1368133	40.522	nq	99
80) Butylbenzylphthalate	20.78	149	550218	40.267	nq	100
81) Benzo(a)anthracene	21.74	228	1387923	40.477	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	397672	29.844	nq	100
83) Chrysene	21.80	228	1328165	40.893	nq	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	776558	41.593	nq	98
85) Di-n-octyl phthalate	22.90	149	1328915	41.753	nq	99
86) Indeno(1,2,3-cd)pyrene	28.76	276	1662780	41.341	nq	# 94
88) Benzo(b)fluoranthene	23.99	252	1469187	42.387	nq	98
89) Benzo(k)fluoranthene	24.06	252	1384829	42.295	nq	98
90) Benzo(a)pyrene	24.88	252	1414761	43.591	nq	99
91) Dibenzo(a,h)anthracene	28.84	278	1367369	42.835	nq	99
92) Benzo(g,h,i)perylene	29.92	276	1356107	43.554	nq	99

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

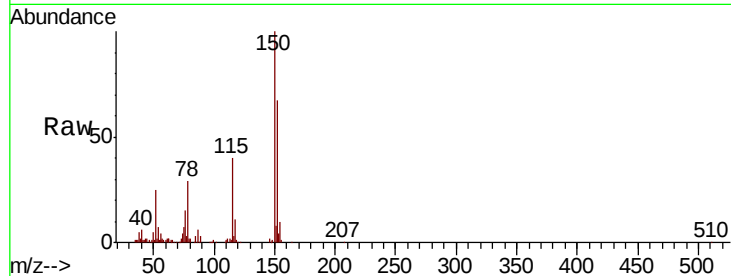


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	118.9	178.3
115	59.9	47.4	71.2

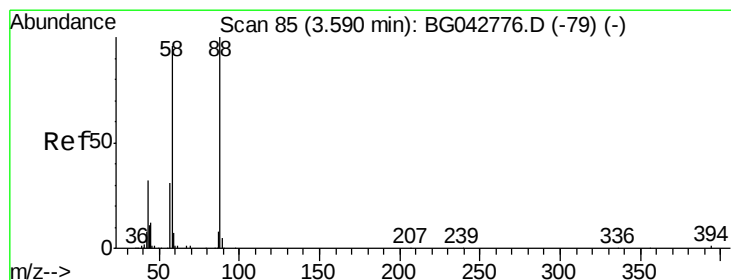
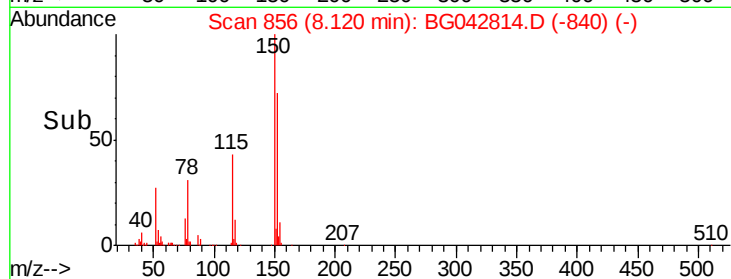
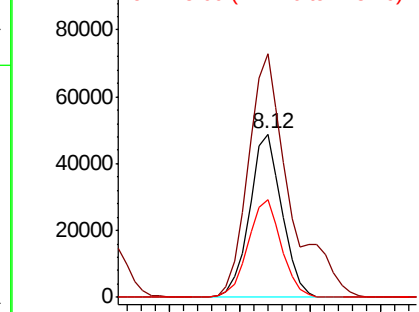


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

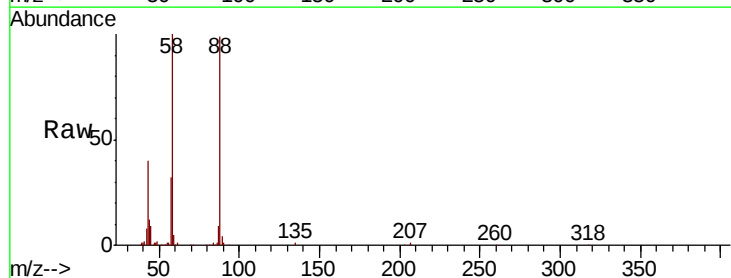
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.358 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.7	79.1	118.7
43	39.6	30.4	45.6

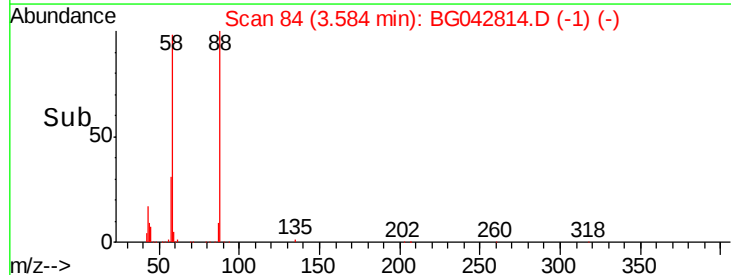
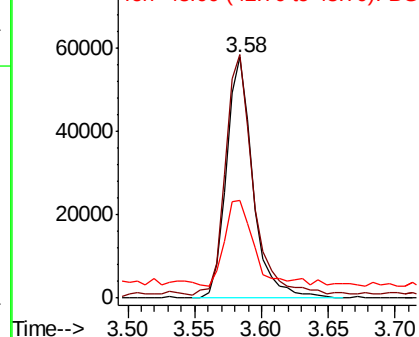


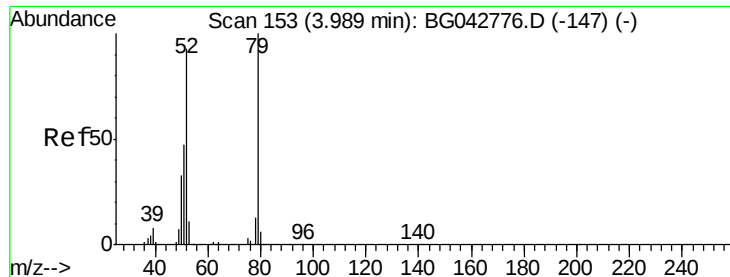
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.544 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

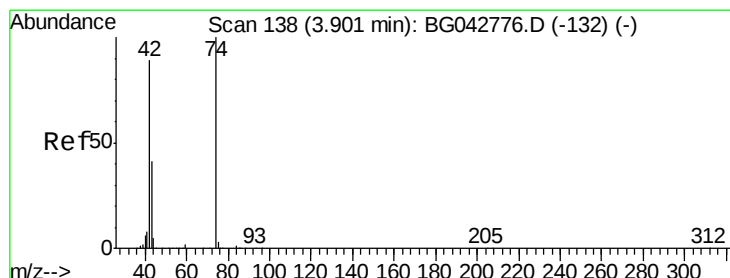
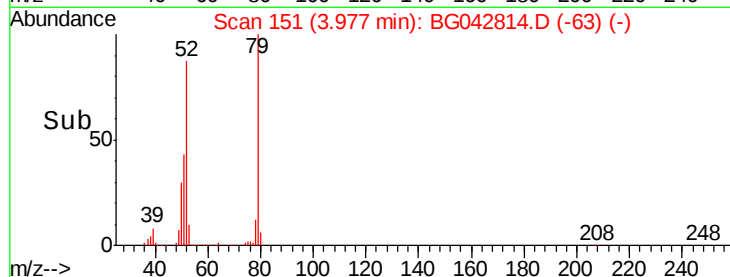
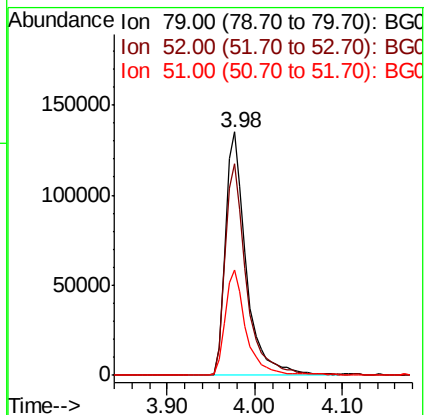
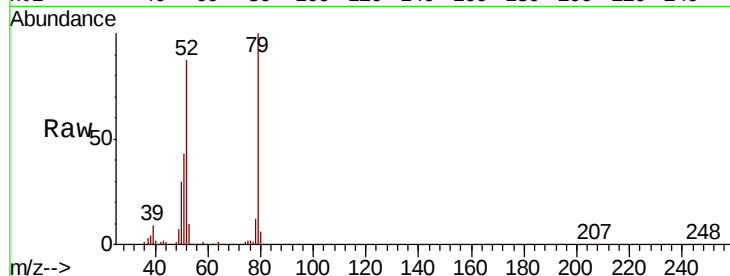
Tot Ion: 79 Resp: 220590

Ion Ratio Lower Upper

79 100

52 86.8 74.0 111.0

51 43.4 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 40.944 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

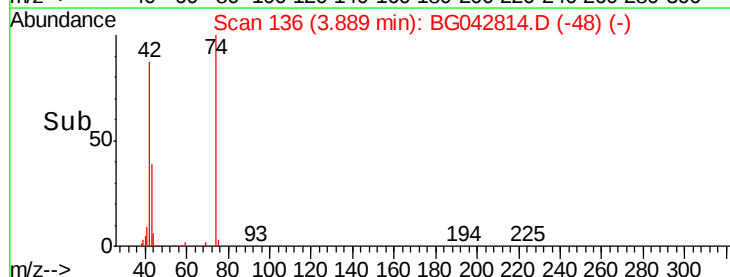
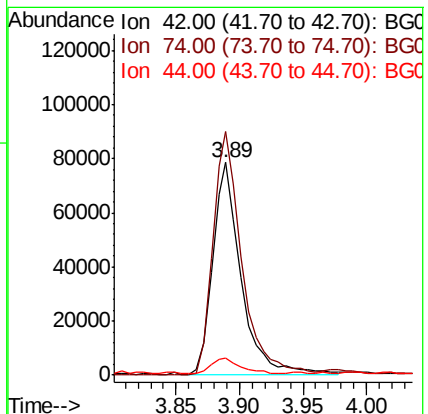
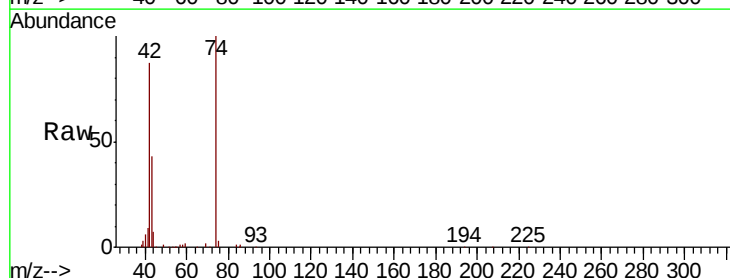
Tgt Ion: 42 Resp: 123644

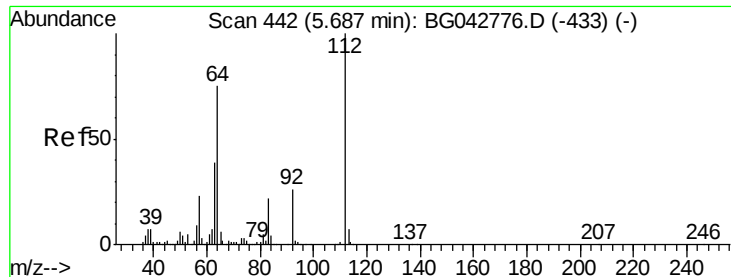
Ion Ratio Lower Upper

42 100

74 114.6 90.2 135.2

44 8.1 6.6 9.8





#5

2-Fluorophenol

Concen: 126.032 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

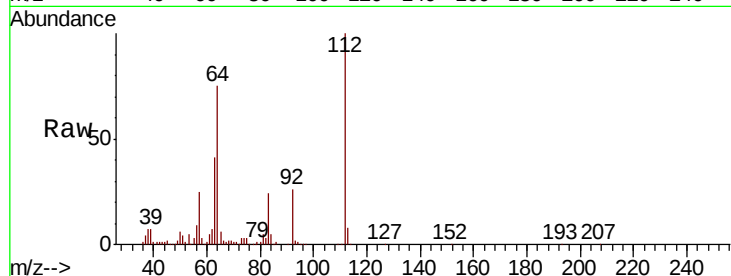
Tot Ion:112 Resp: 569227

Ion Ratio Lower Upper

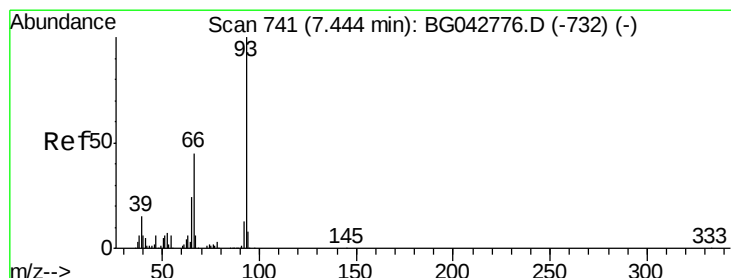
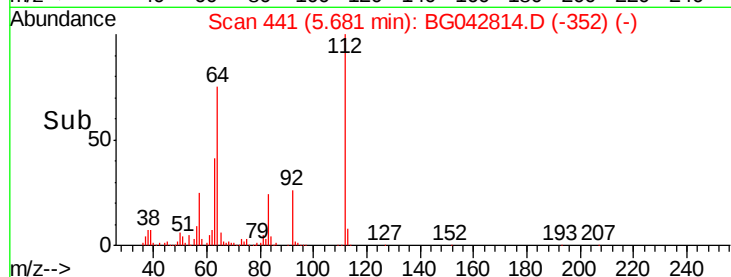
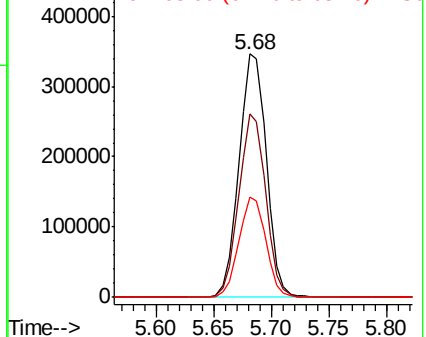
112 100

64 75.3 60.2 90.2

63 41.0 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.548 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

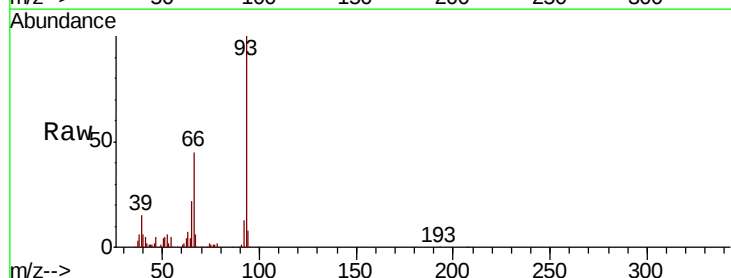
Tgt Ion: 93 Resp: 293421

Ion Ratio Lower Upper

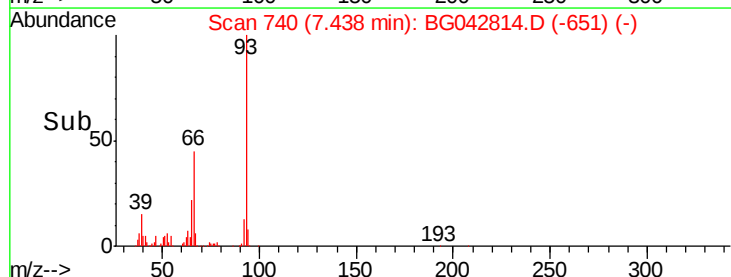
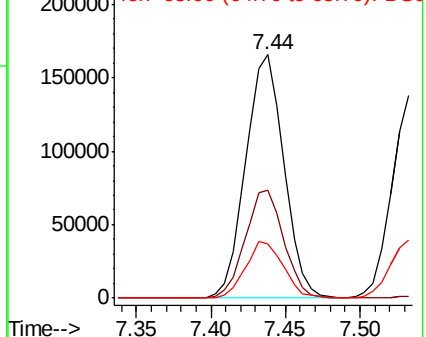
93 100

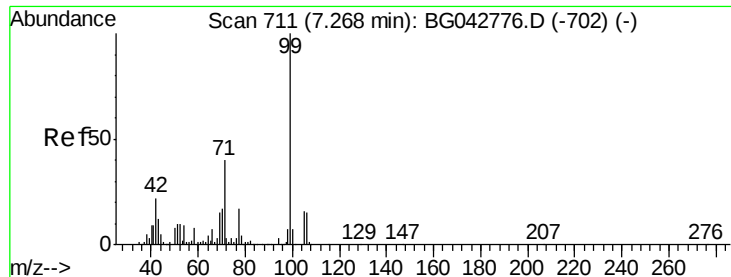
66 44.5 36.3 54.5

65 22.4 19.3 28.9



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: 121.451 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

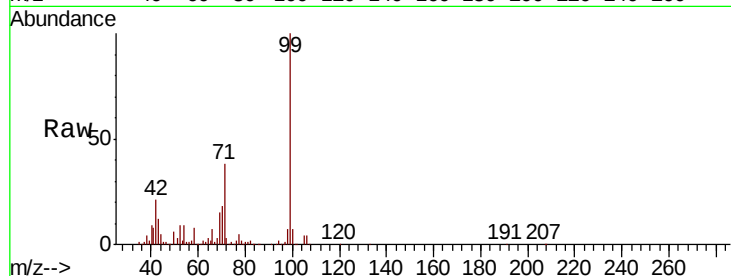
Tot Ion: 99 Resp: 787333

Ion Ratio Lower Upper

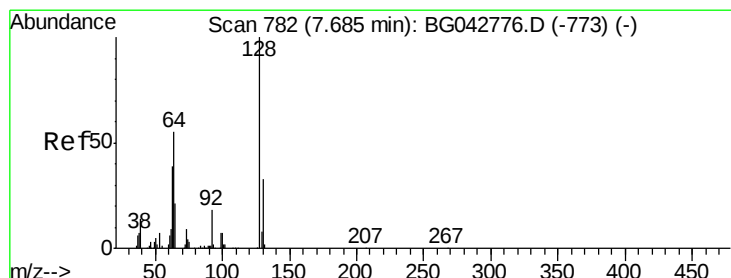
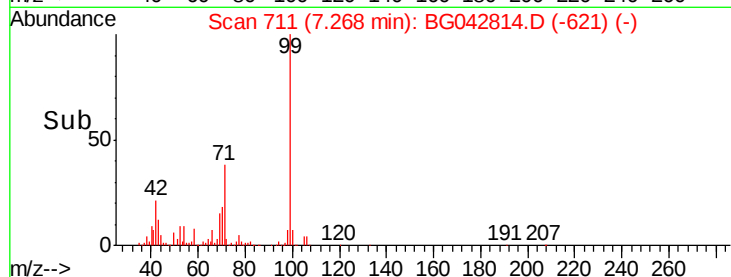
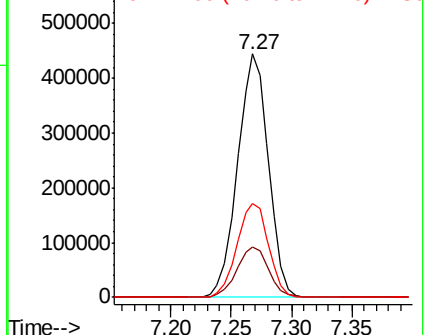
99 100

42 20.8 17.5 26.3

71 38.4 32.0 48.0



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: 46.421 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

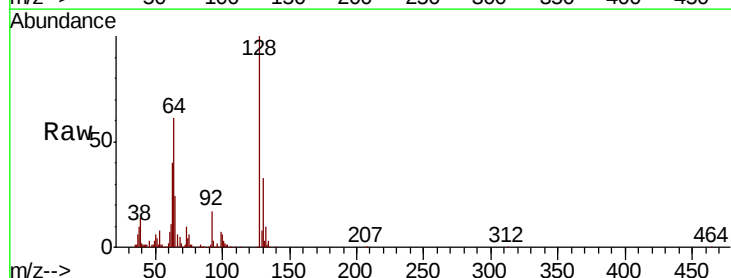
Tgt Ion: 128 Resp: 226631

Ion Ratio Lower Upper

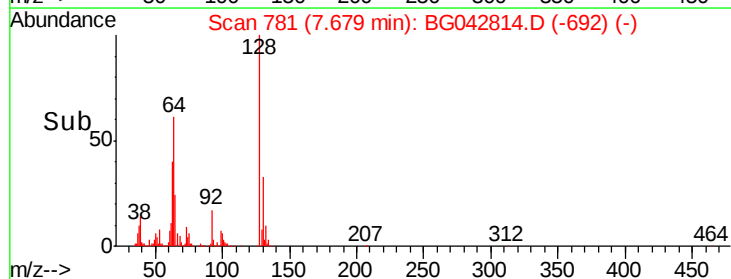
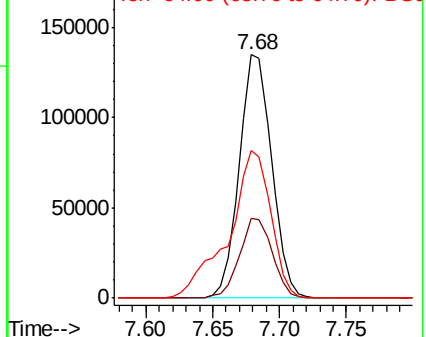
128 100

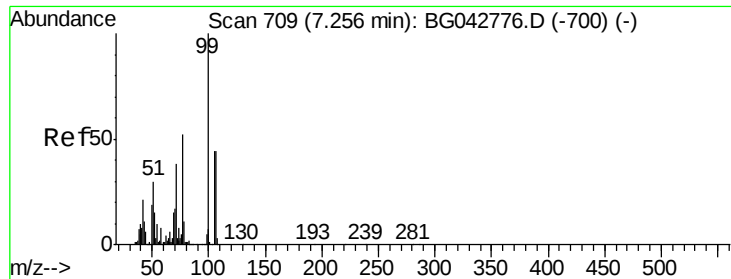
130 33.0 12.8 52.8

64 60.7 36.8 76.8



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





#9

Benzaldehyde

Concen: 38.700 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

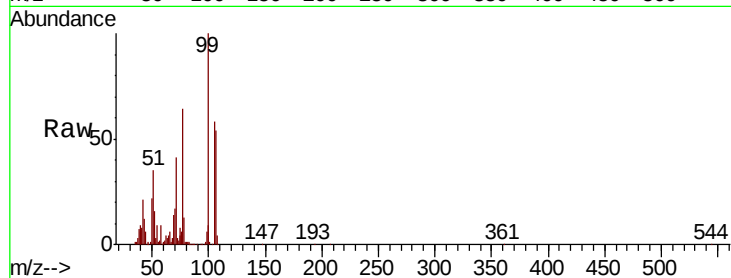
Tot Ion: 77 Resp: 163261

Ion Ratio Lower Upper

77 100

105 91.2 64.5 104.5

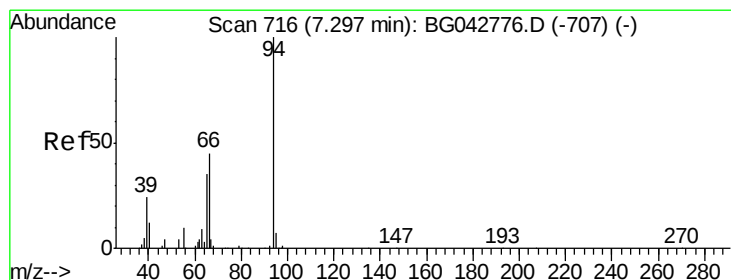
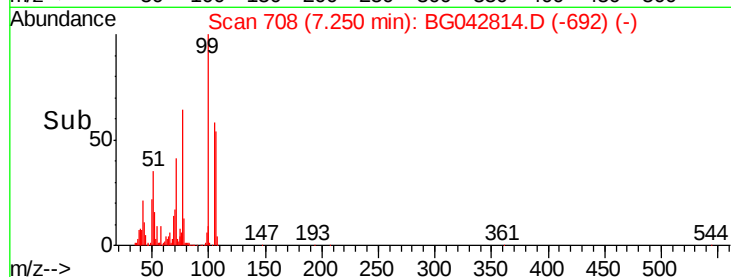
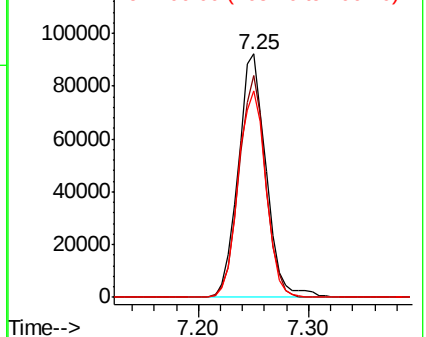
106 84.8 63.4 103.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.472 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

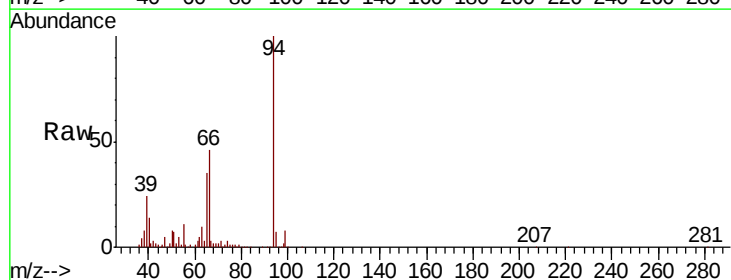
Tgt Ion: 94 Resp: 308959

Ion Ratio Lower Upper

94 100

65 35.1 15.0 55.0

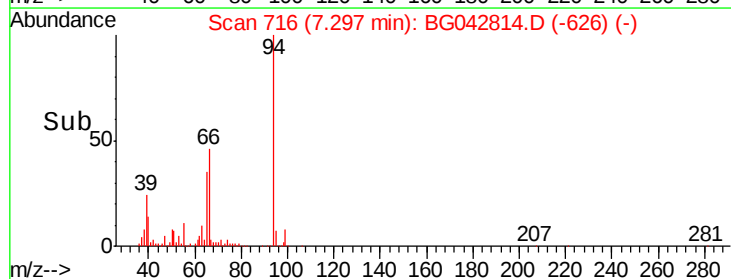
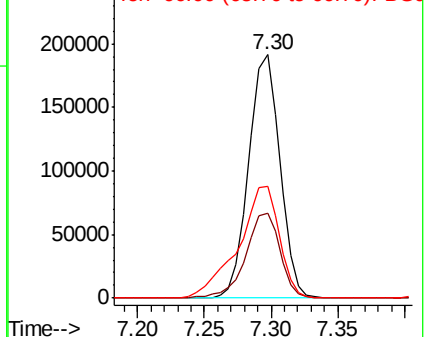
66 46.1 26.1 66.1

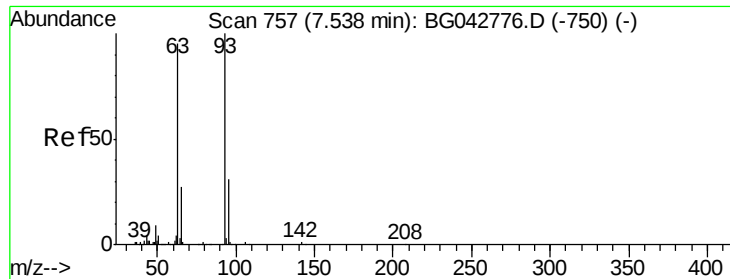


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 42.195 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

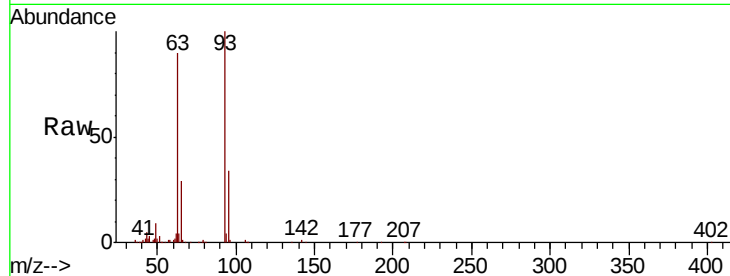
Tot Ion: 93 Resp: 215290

Ion Ratio Lower Upper

93 100

63 89.6 74.7 114.7

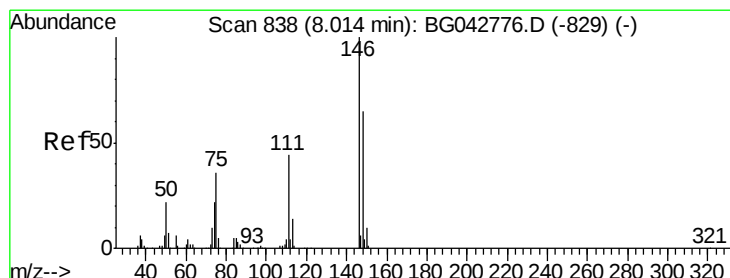
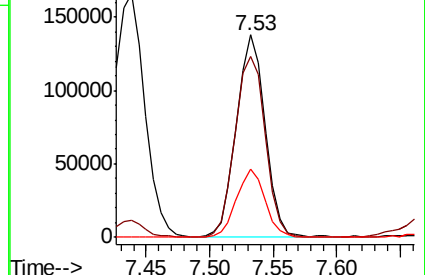
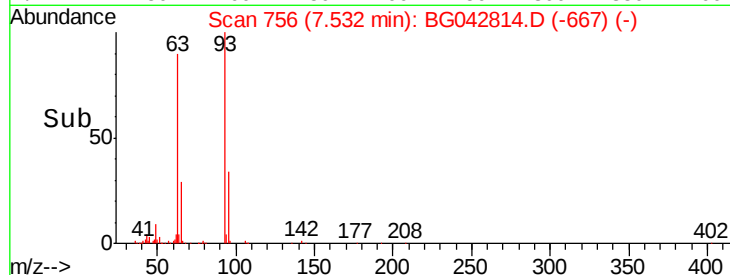
95 33.9 11.1 51.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.560 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

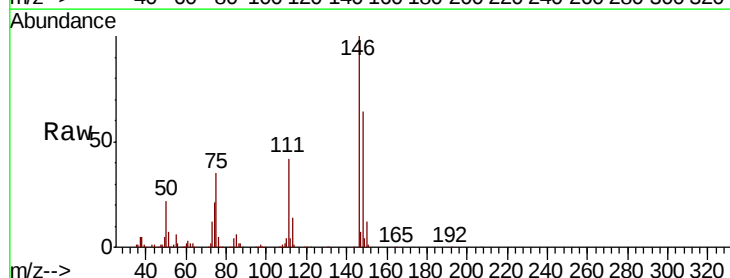
Tgt Ion: 146 Resp: 241523

Ion Ratio Lower Upper

146 100

148 64.0 51.9 77.9

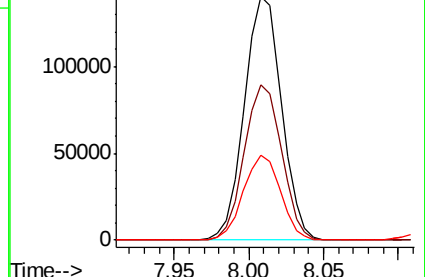
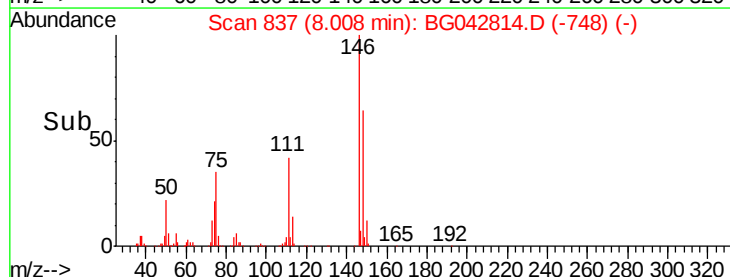
75 35.0 28.4 42.6

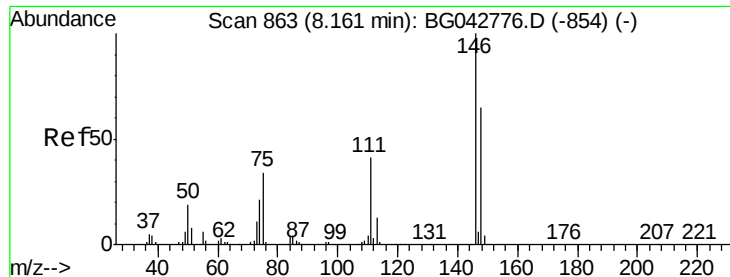


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

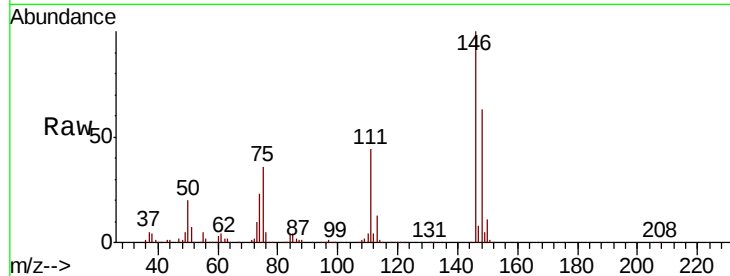




#13
 1,4-Dichlorobenzene
 Concen: 41.274 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.4
111	44.3	32.6	49.0

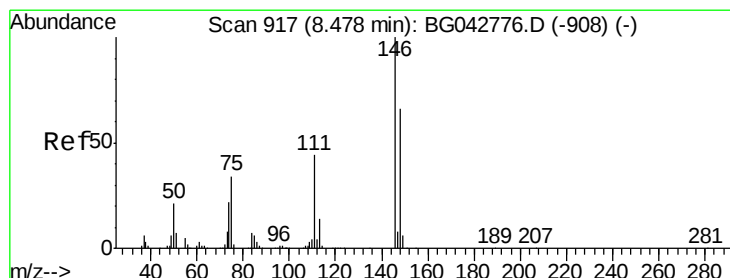
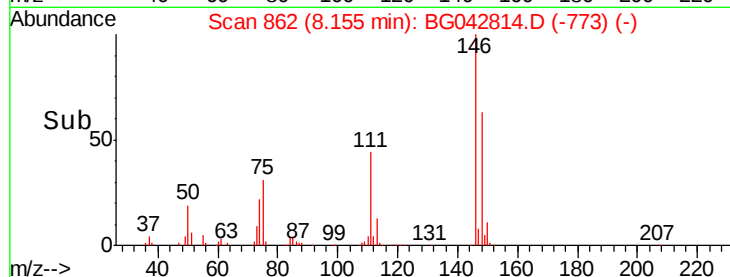
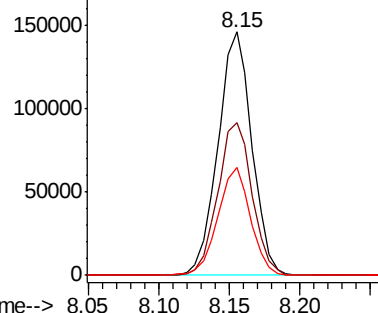


Abundance

Ion 146.00 (145.70 to 146.70): E

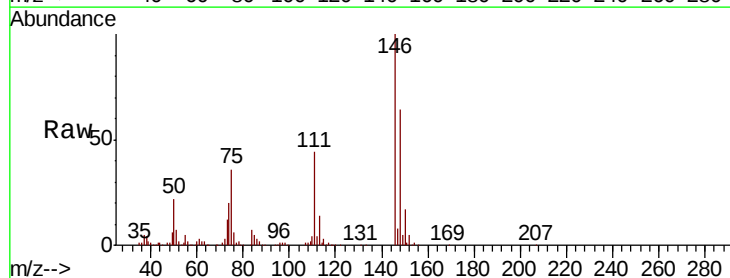
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.655 ng
 RT: 8.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.6	78.8
111	44.0	35.3	52.9

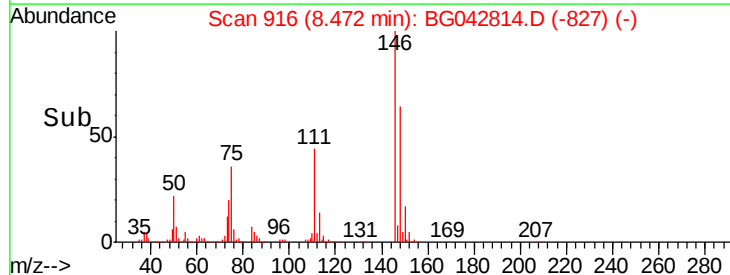
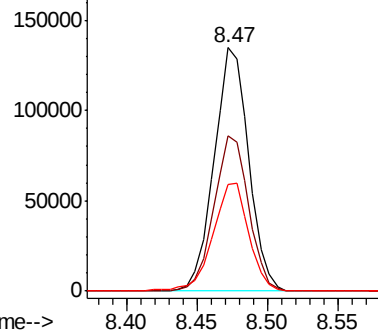


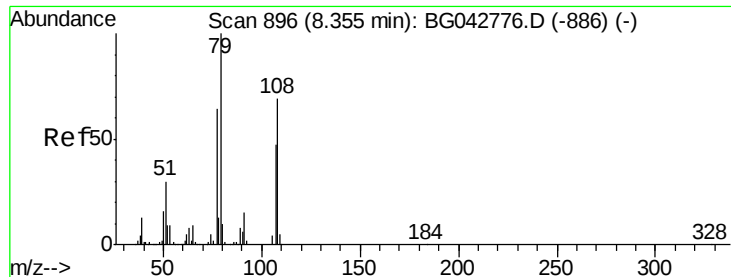
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.119 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

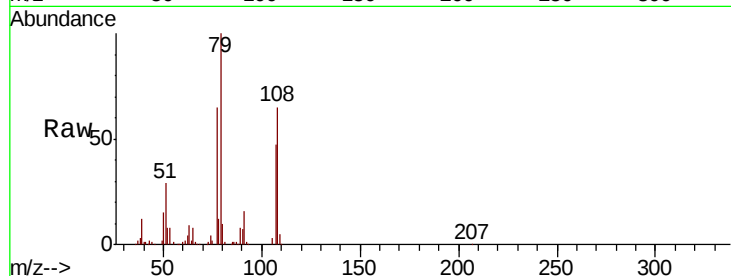
Tot Ion: 79 Resp: 245451

Ion Ratio Lower Upper

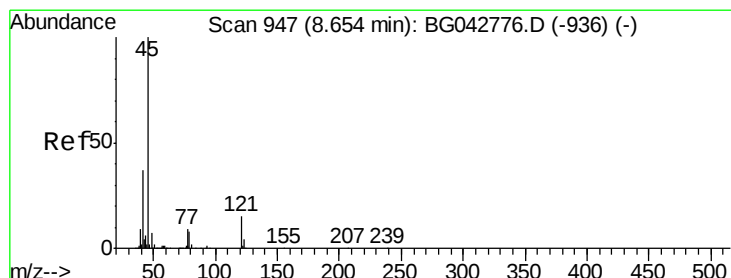
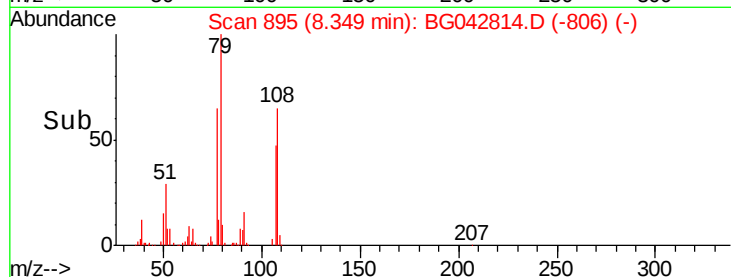
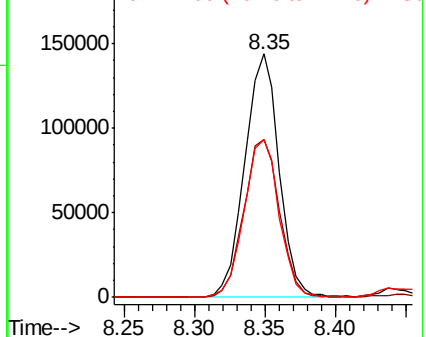
79 100

108 65.0 54.9 82.3

77 65.0 51.0 76.6



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.763 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

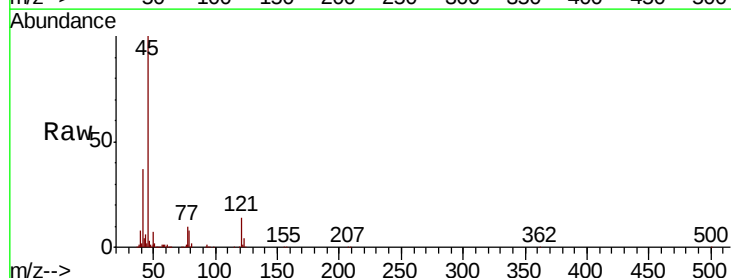
Tgt Ion: 45 Resp: 445532

Ion Ratio Lower Upper

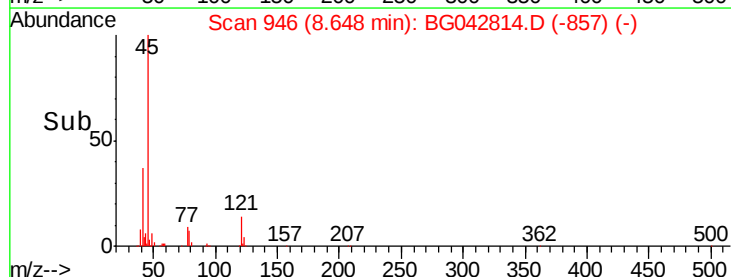
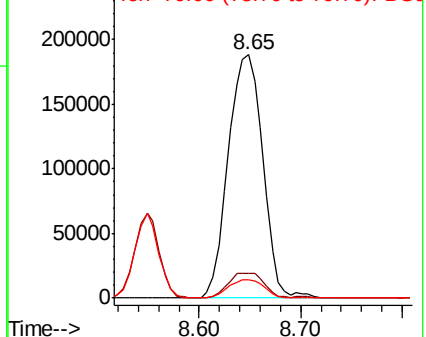
45 100

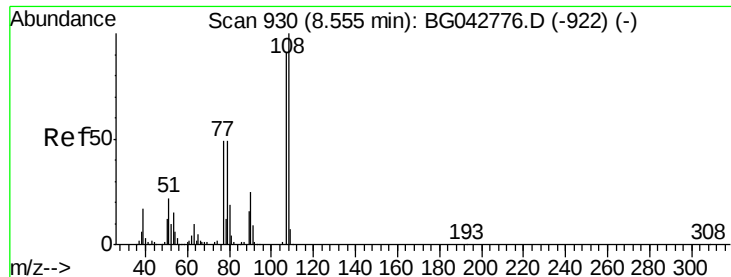
77 10.4 0.0 29.4

79 7.6 0.0 28.4



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





#17

2-Methylphenol

Concen: 45.842 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 203894

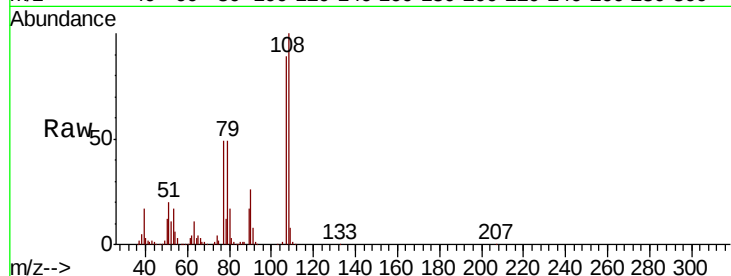
Ion Ratio Lower Upper

107 100

108 112.0 87.7 131.5

77 54.4 42.6 64.0

79 54.4 43.4 65.2

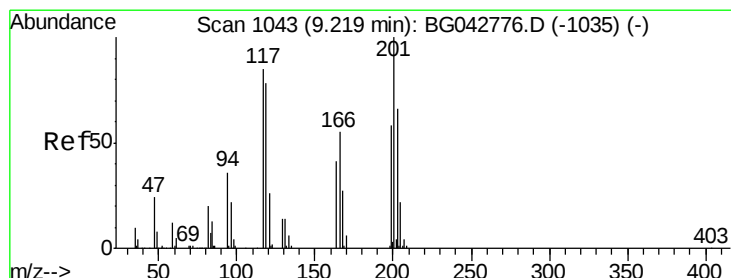
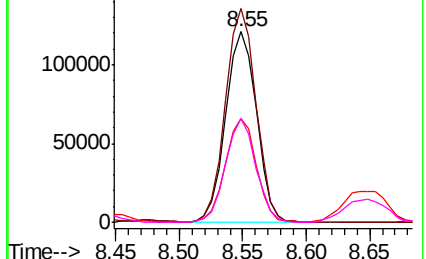
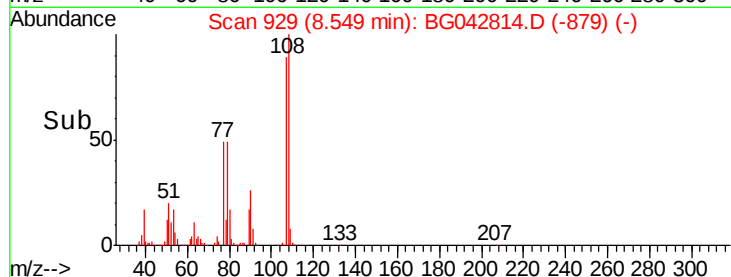


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.568 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

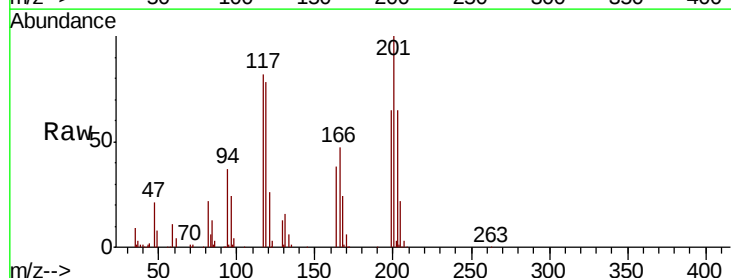
Tgt Ion:117 Resp: 89290

Ion Ratio Lower Upper

117 100

119 95.1 73.8 110.8

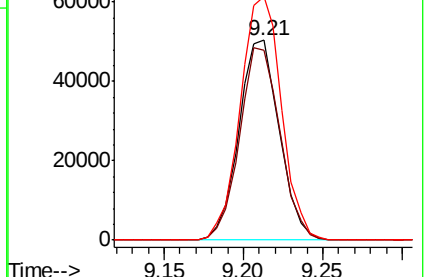
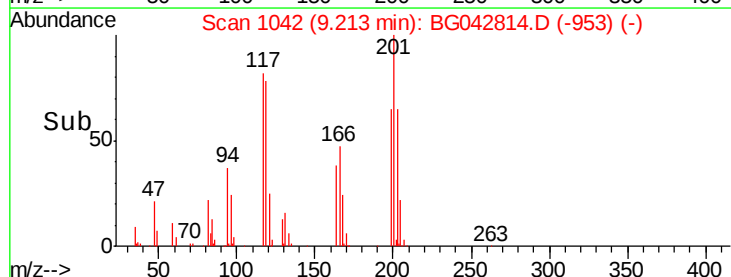
201 121.8 94.6 142.0

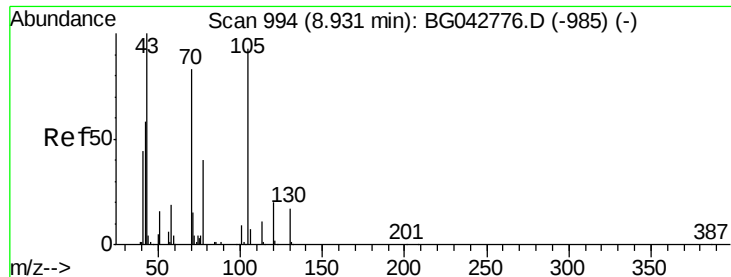


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

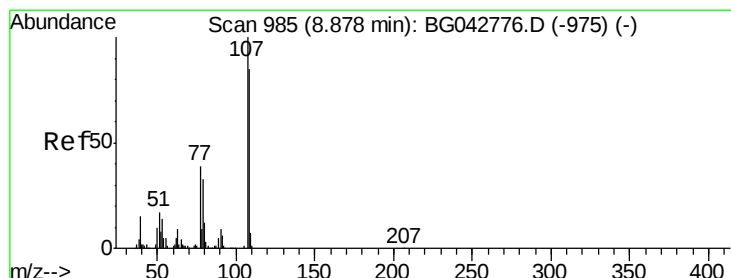
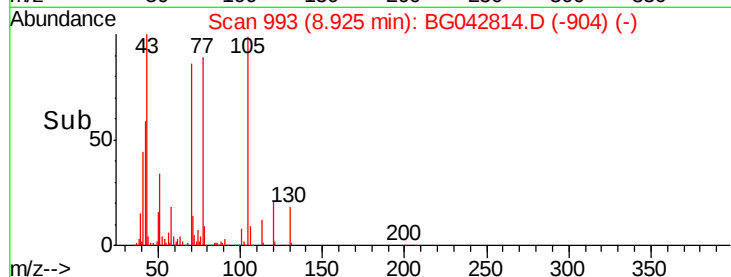
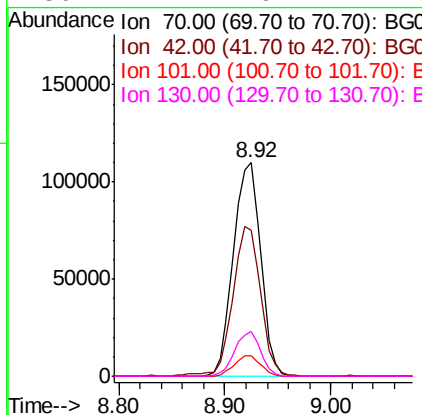
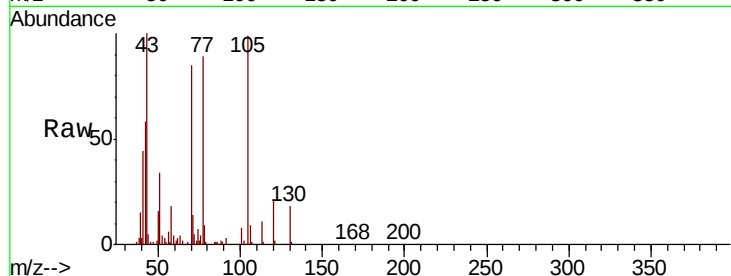




#19
n-Nitroso-di-n-propylamine
Concen: 41.112 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

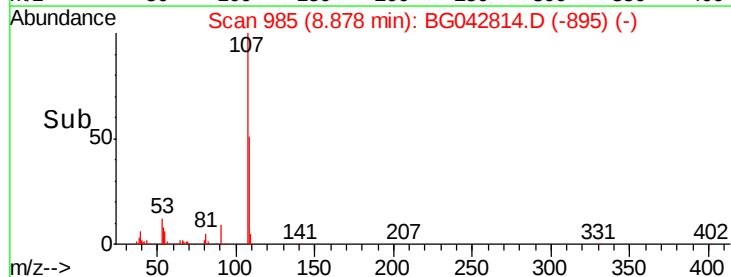
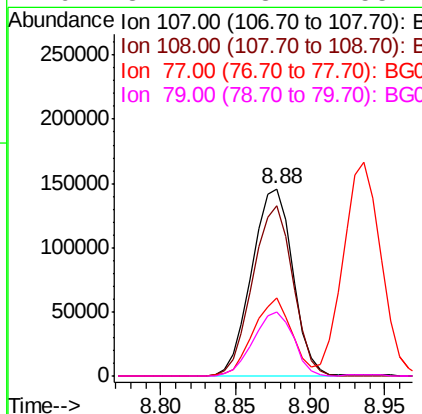
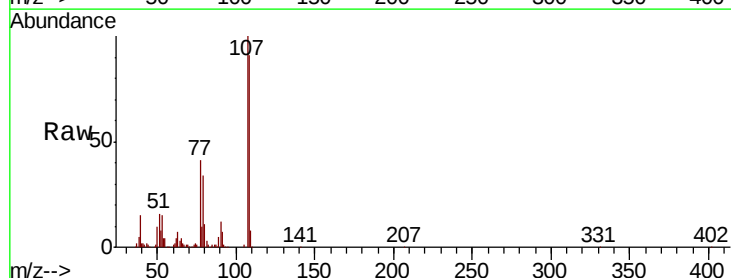
Instrument :
BNA_G
ClientSampleId :

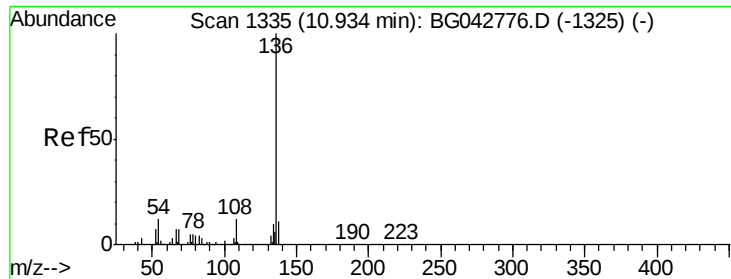
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.5	57.0	85.6	
101	9.4	8.4	12.6	
130	21.1	16.1	24.1	



#20
3+4-Methylphenols
Concen: 45.323 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.3	65.4	105.4	
77	41.4	18.7	58.7	
79	34.4	13.7	53.7	

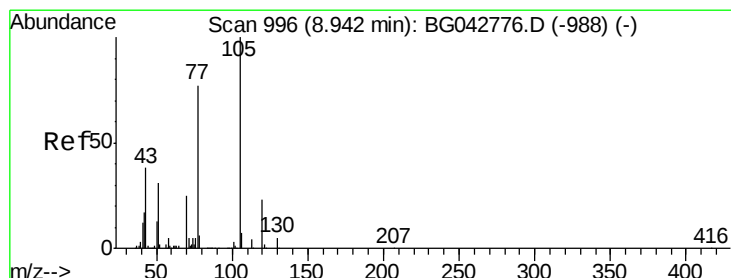
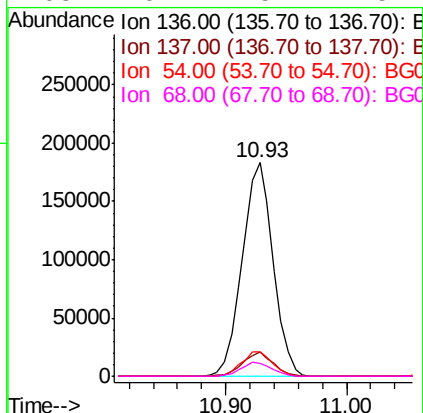
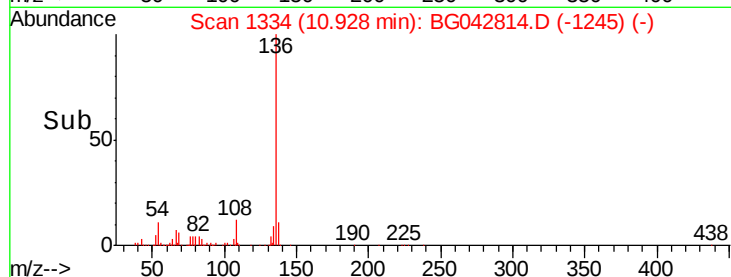
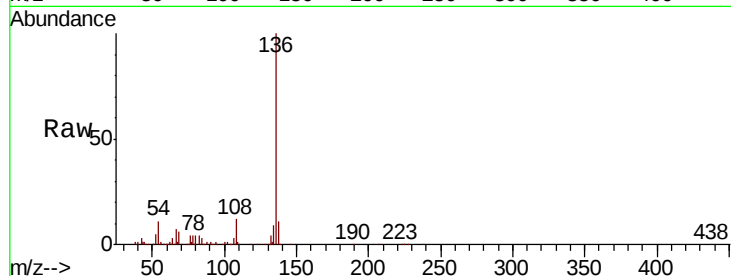




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

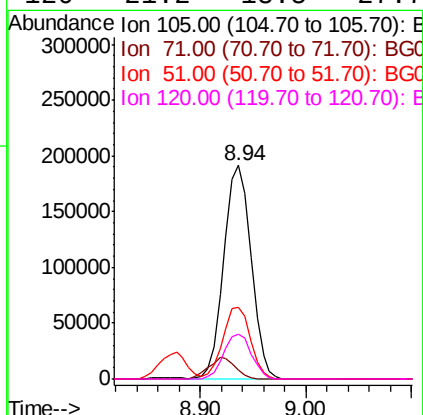
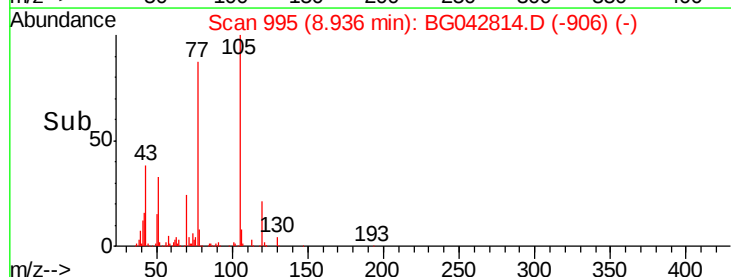
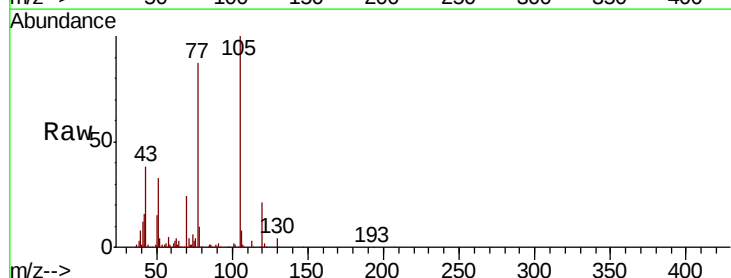
Instrument :
BNA_G
ClientSampled :

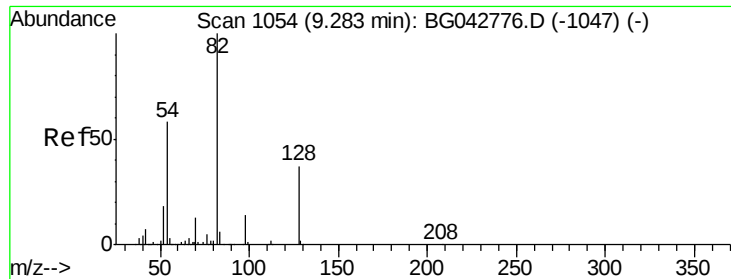
Tot Ion:136	Resp:	325173
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.0 13.6
54	11.5	9.4 14.0
68	6.2	5.4 8.2



#22
Acetophenone
Concen: 41.828 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion:105	Resp:	343505
Ion	Ratio	Lower Upper
105	100	
71	4.4	3.7 5.5
51	33.5	28.8 43.2
120	21.2	18.5 27.7

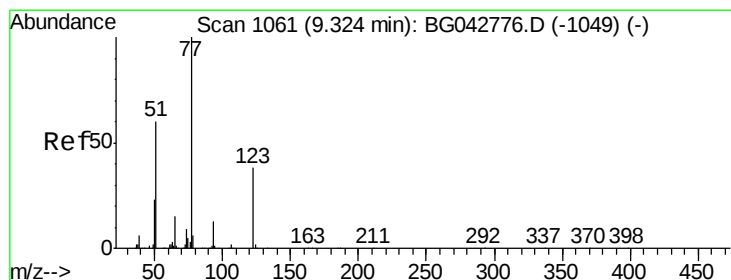
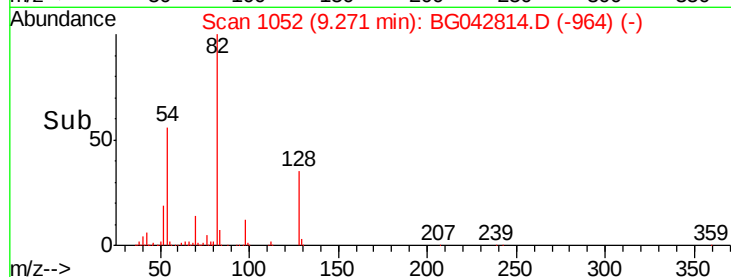
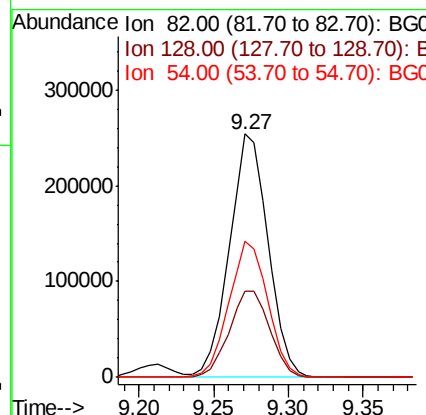
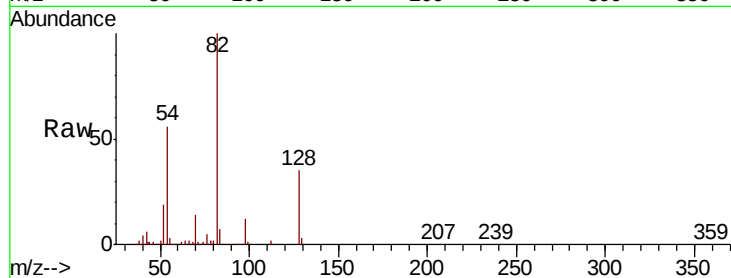




#23
 Nitrobenzene-d5
 Concen: 73.075 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

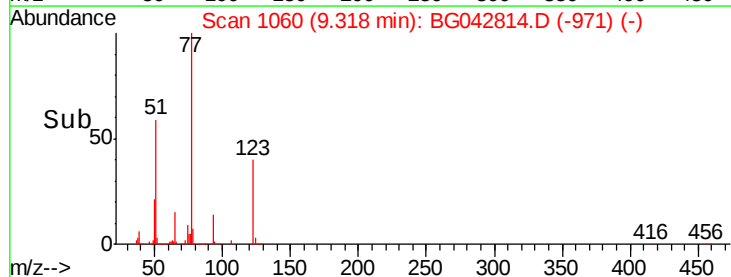
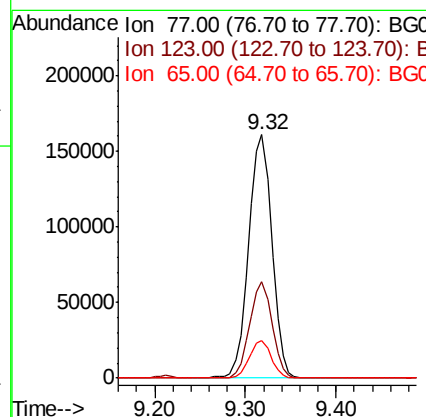
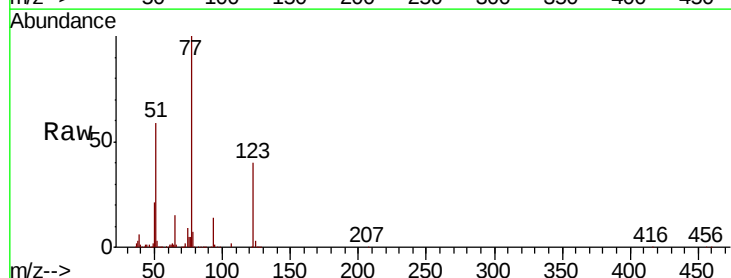
Instrument :
 BNA_G
 ClientSampleId :

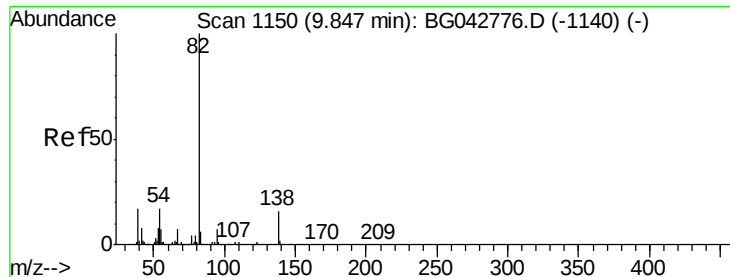
Tot Ion	82	Resp	456411
Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.8	44.8
54	56.1	46.1	69.1



#24
 Nitrobenzene
 Concen: 43.688 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion	77	Resp	286413
Ion	Ratio	Lower	Upper
77	100		
123	39.6	30.7	46.1
65	15.3	12.2	18.4





#25

Isophorone

Concen: 40.785 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

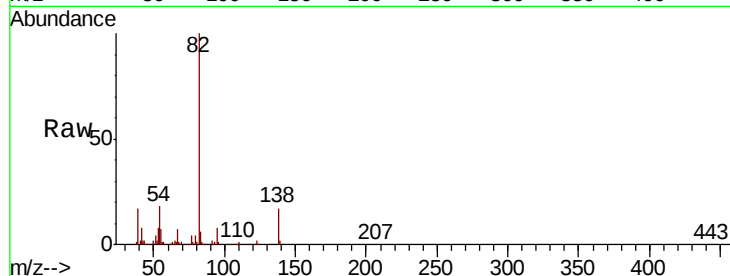
Tot Ion: 82 Resp: 530977

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

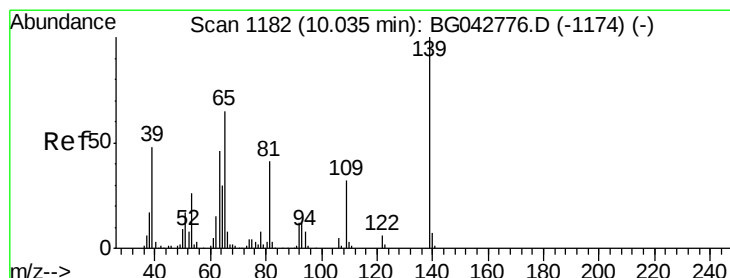
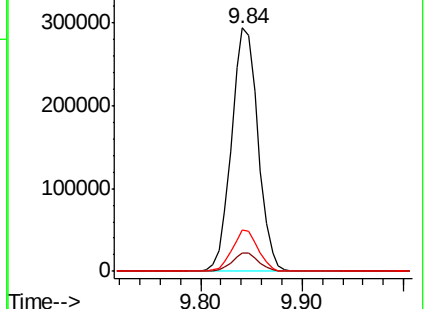
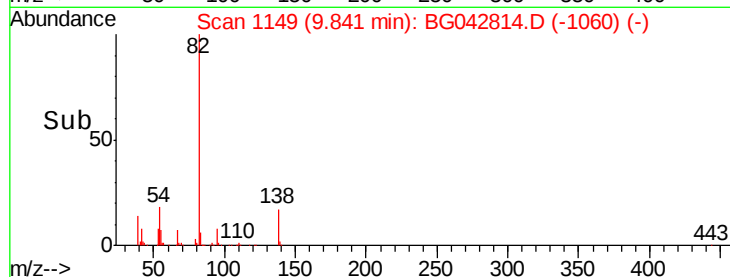
138 16.9 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BG042776.D (-1140) (-)

Ion 95.00 (94.70 to 95.70): BG042776.D (-1140) (-)

Ion 138.00 (137.70 to 138.70): BG042776.D (-1140) (-)



#26

2-Nitrophenol

Concen: 45.020 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

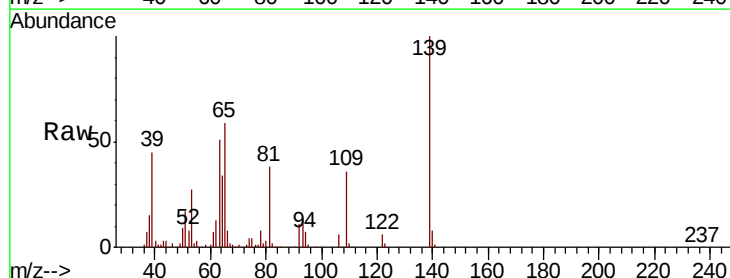
Tgt Ion: 139 Resp: 116061

Ion Ratio Lower Upper

139 100

109 36.2 25.8 38.8

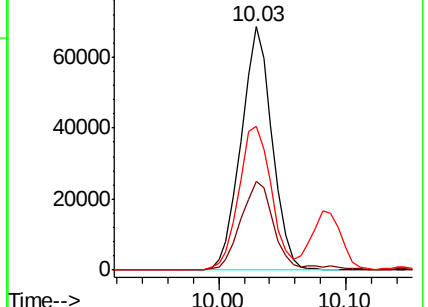
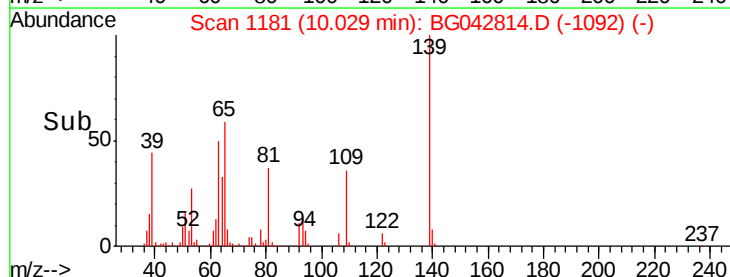
65 59.1 52.2 78.2

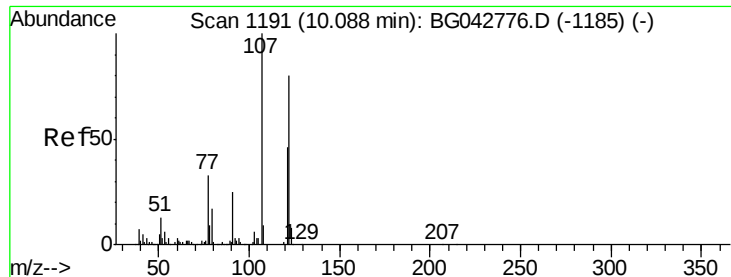


Abundance Ion 139.00 (138.70 to 139.70): BG042776.D (-1174) (-)

Ion 109.00 (108.70 to 109.70): BG042776.D (-1174) (-)

Ion 65.00 (64.70 to 65.70): BG042776.D (-1174) (-)

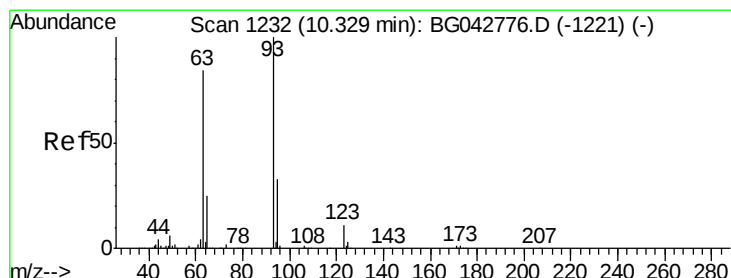
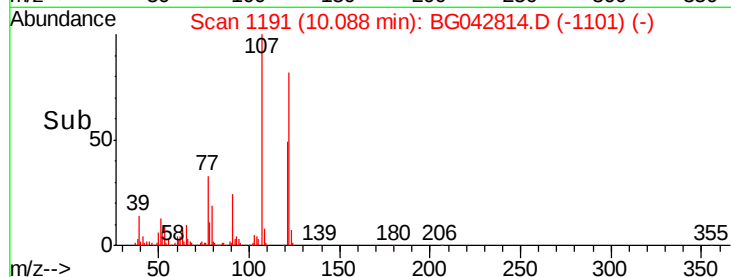
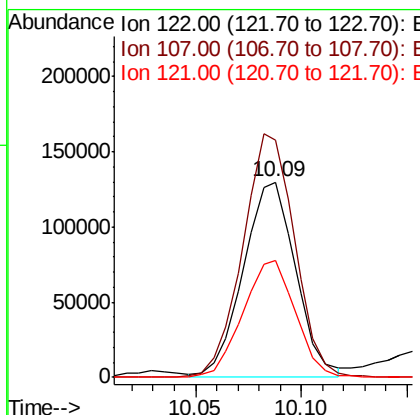
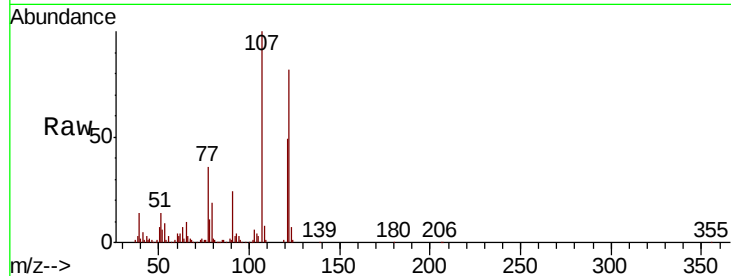




#27
2,4-Dimethylphenol
Concen: 48.899 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

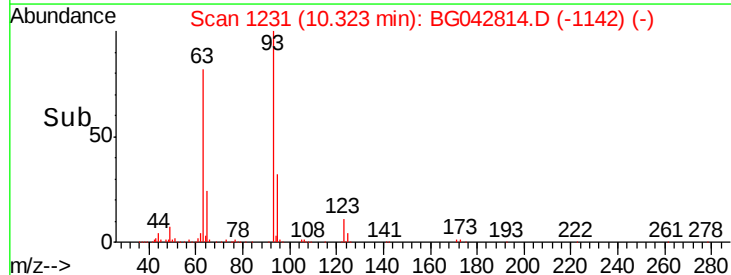
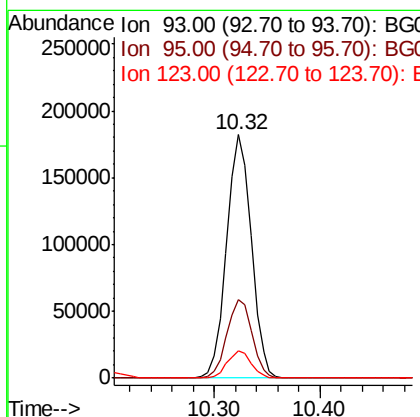
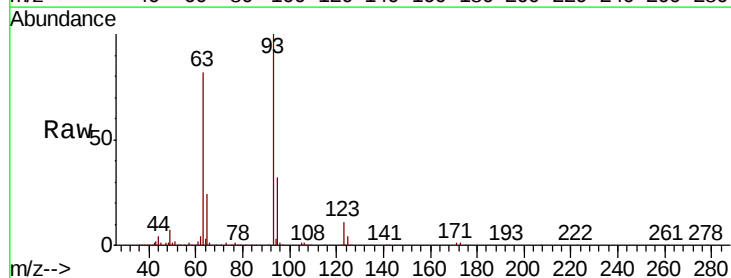
Instrument :
BNA_G
ClientSampleId :

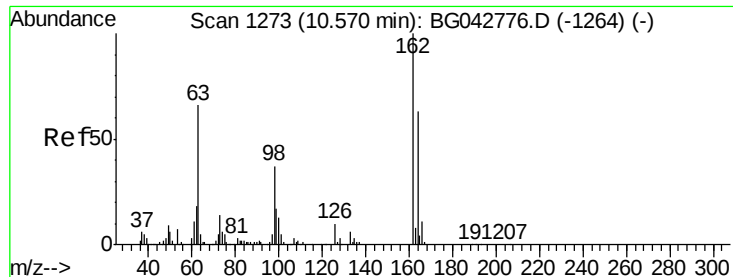
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	98.9	148.3
121	59.7	46.2	69.2



#28
bis(2-Chloroethoxy)methane
Concen: 40.622 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	40.0
123	11.3	9.0	13.6

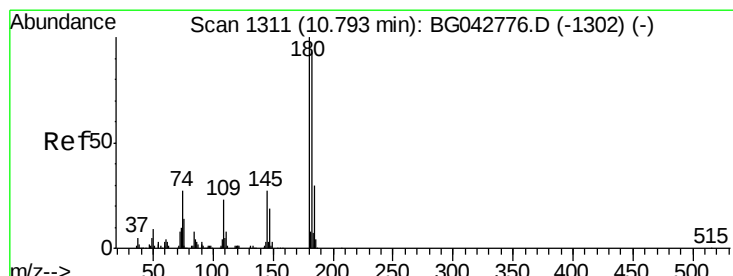
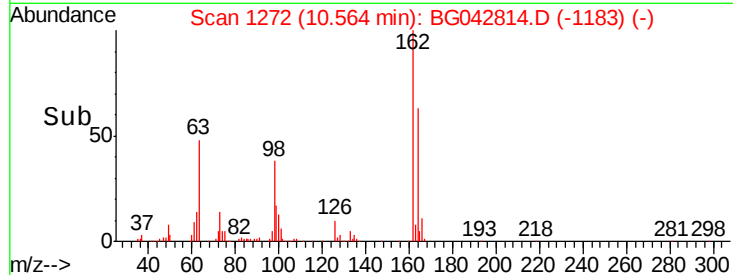
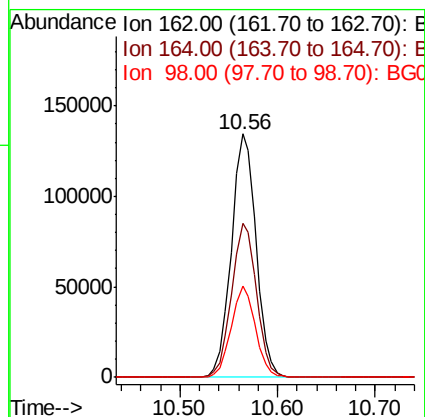
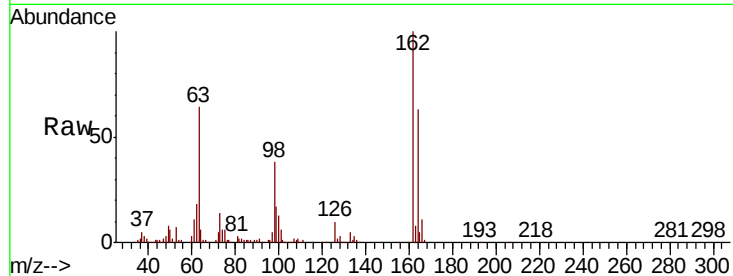




#29
 2,4-Dichlorophenol
 Concen: 44.580 ng
 RT: 10.56 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

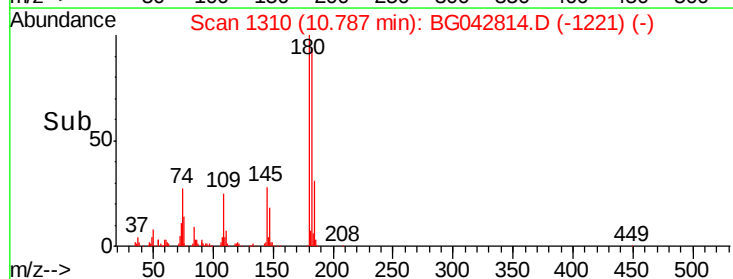
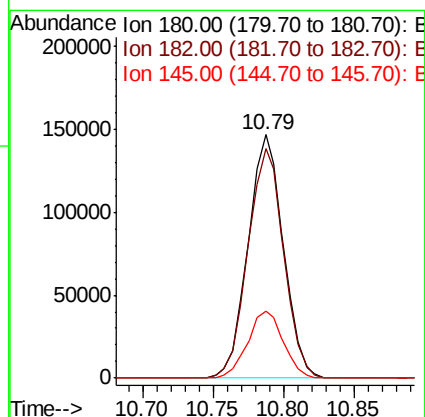
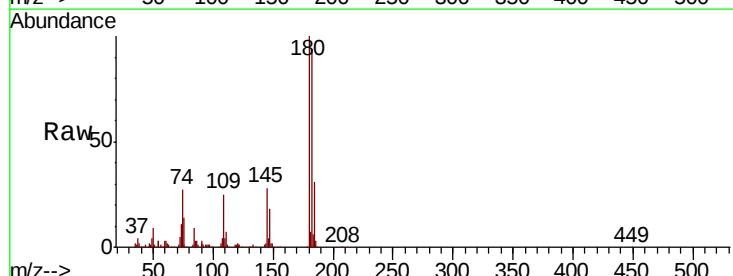
Instrument :
 BNA_G
 ClientSampleId :

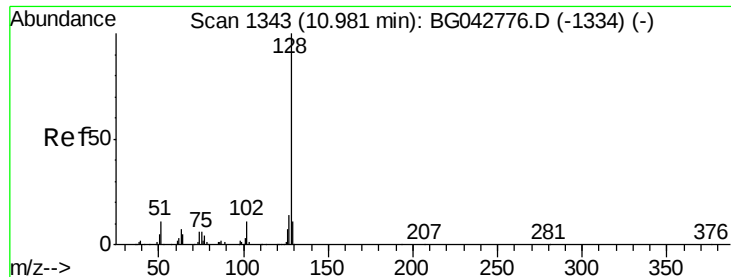
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.4	83.4
98	37.5	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.675 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	74.6	112.0
145	27.6	21.8	32.6

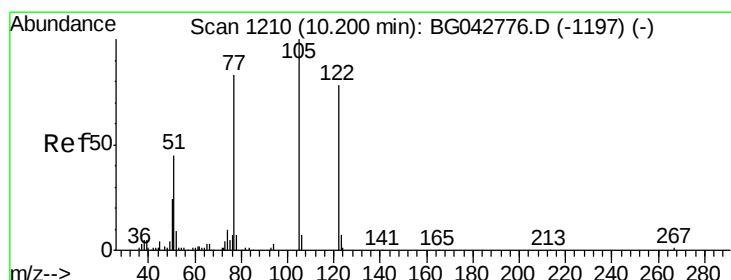
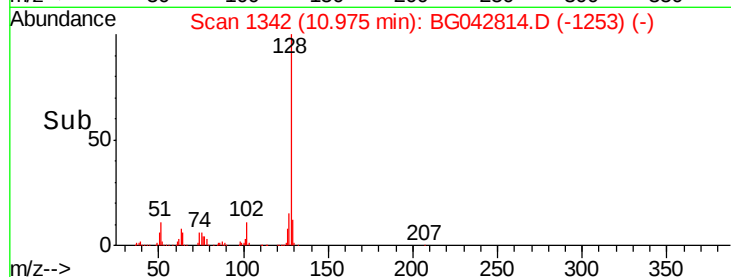
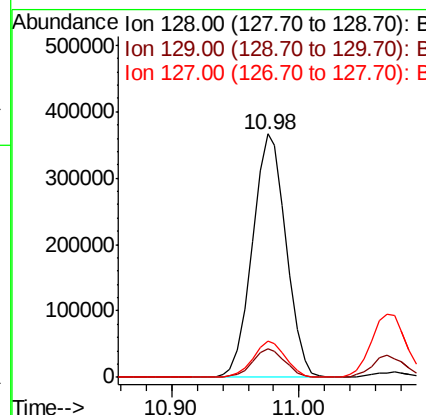
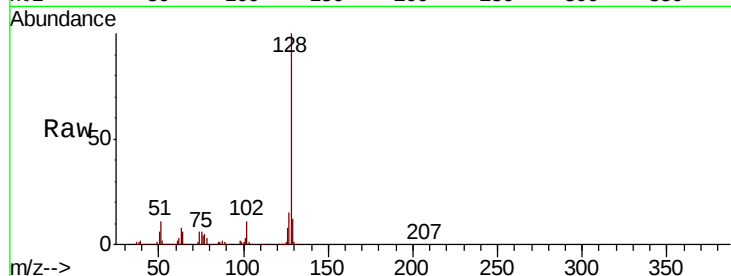




#31
Naphthalene
Concen: 42.012 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

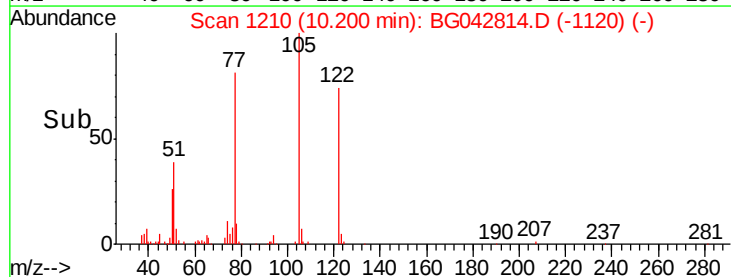
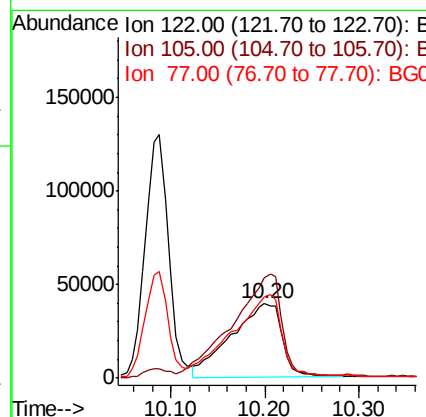
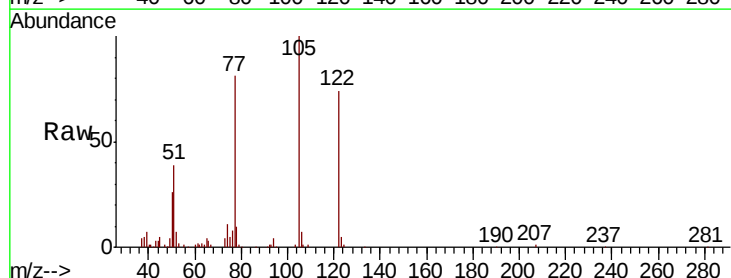
Instrument :
BNA_G
ClientSampleId :

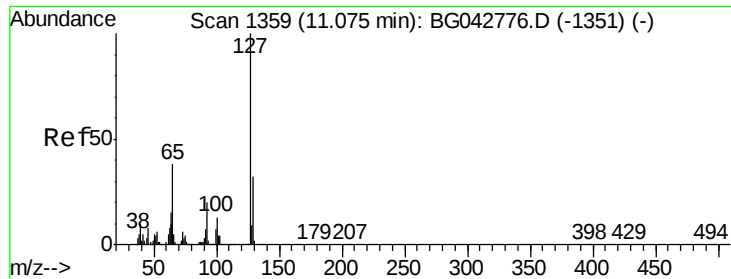
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.8	11.4	17.2



#32
Benzoic acid
Concen: 40.821 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.9	104.0	144.0
77	109.2	84.2	124.2

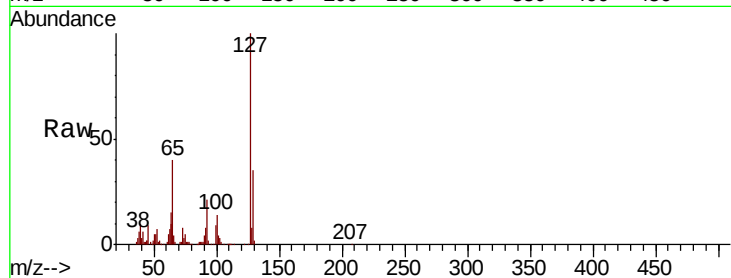




#33
4-Chloroaniline
Concen: 24.324 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	182531
Ion	Ratio	Lower	Upper
127	100		
129	34.9	25.8	38.6
65	40.2	30.5	45.7
92	21.3	15.9	23.9



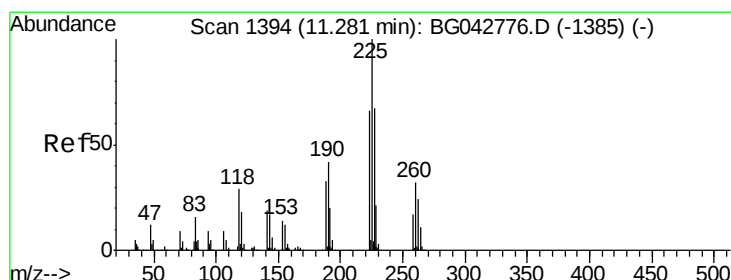
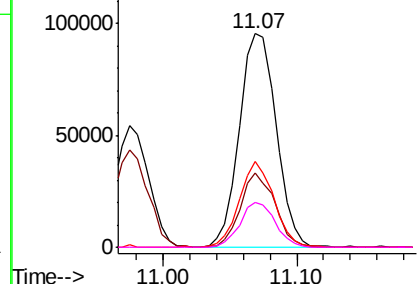
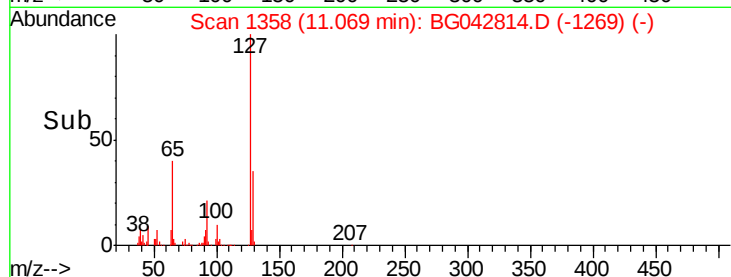
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

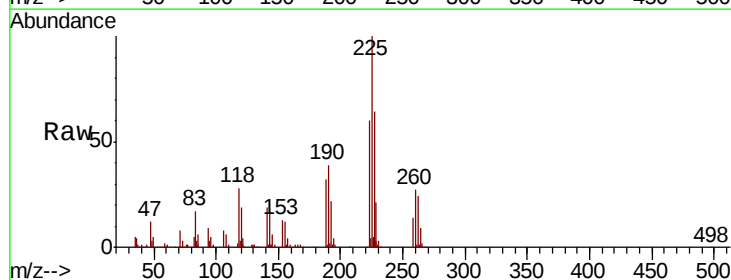
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 38.404 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion:	225	Resp:	174088
Ion	Ratio	Lower	Upper
225	100		
223	60.1	52.6	79.0
227	64.0	53.6	80.4

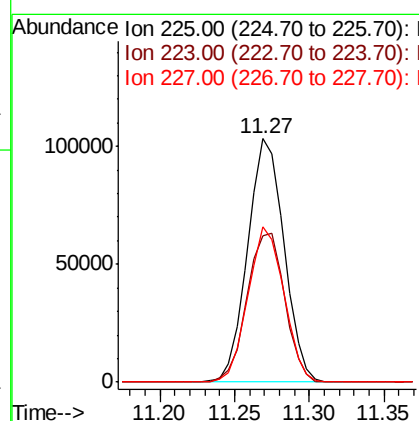
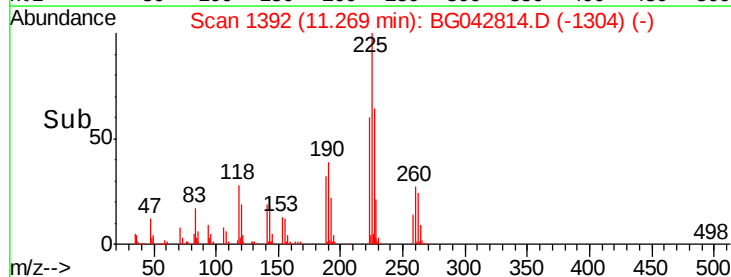


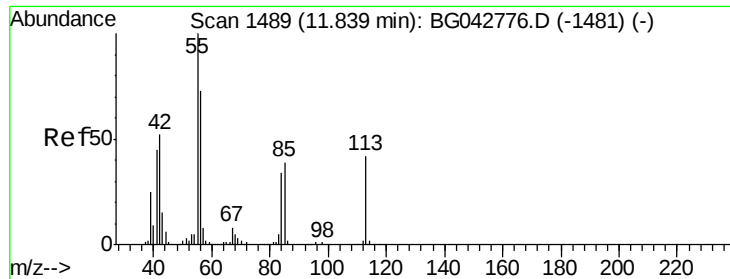
Abundance

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: 25.128 ng

RT: 11.83 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampled :

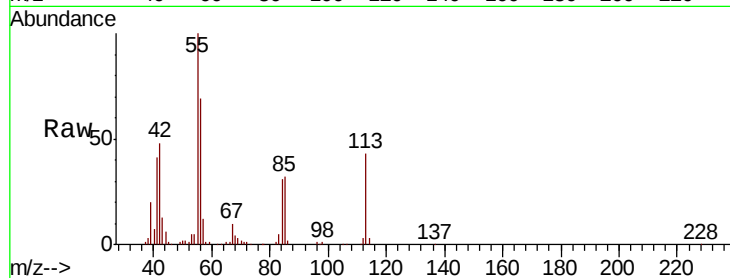
Tot Ion:113 Resp: 49518

Ion Ratio Lower Upper

113 100

55 230.3 218.4 258.4

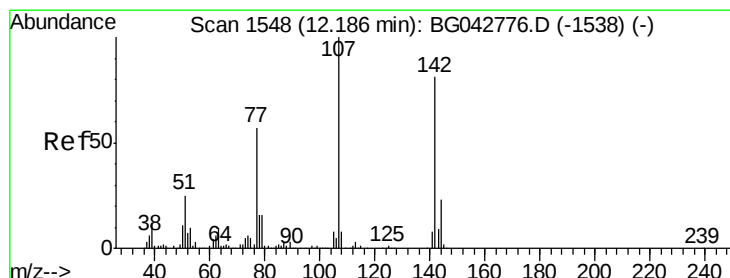
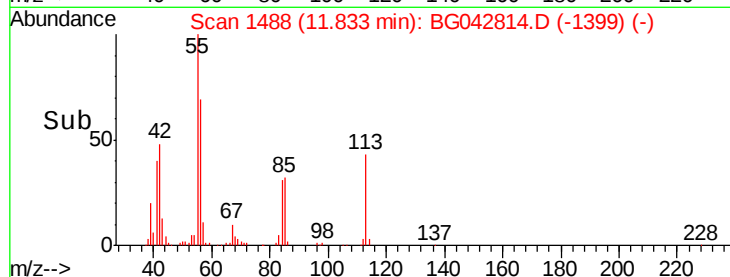
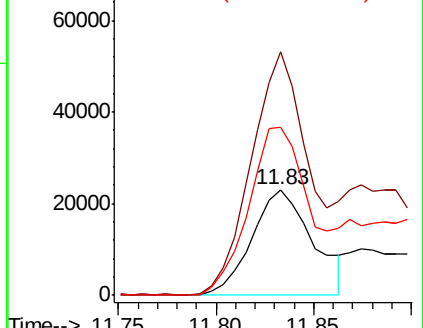
56 159.0 154.8 194.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.873 ng

RT: 12.18 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

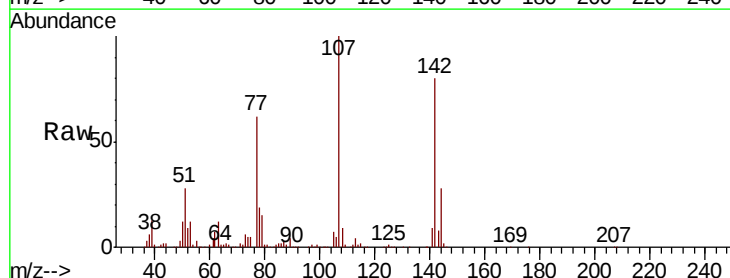
Tgt Ion:107 Resp: 252438

Ion Ratio Lower Upper

107 100

144 27.6 18.7 28.1

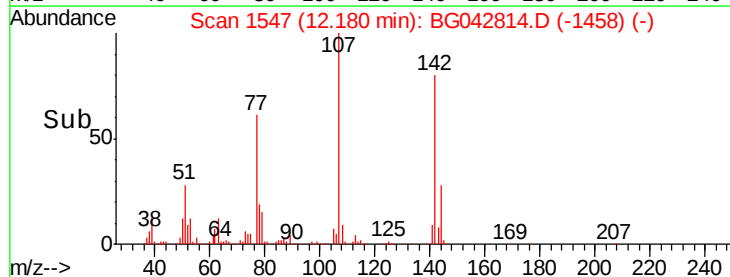
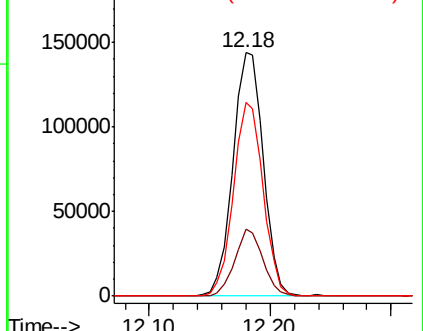
142 79.5 65.0 97.4

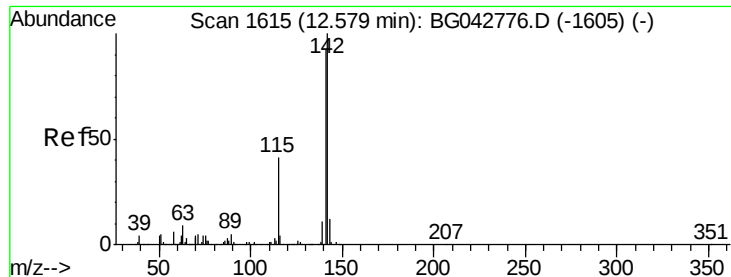


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

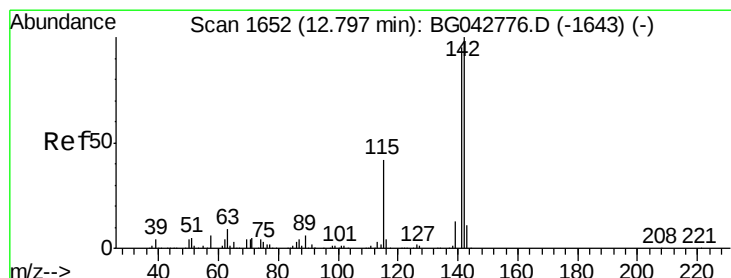
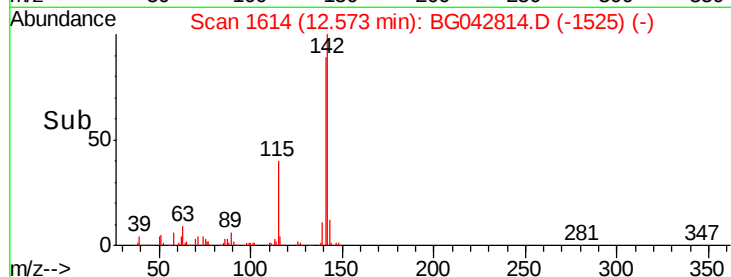
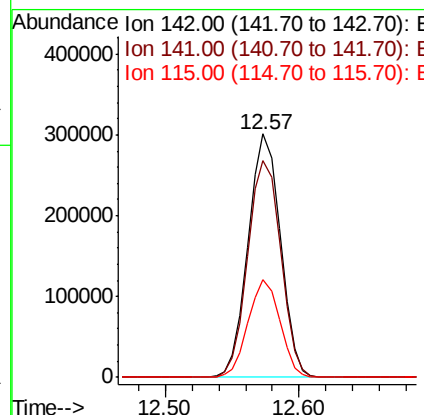
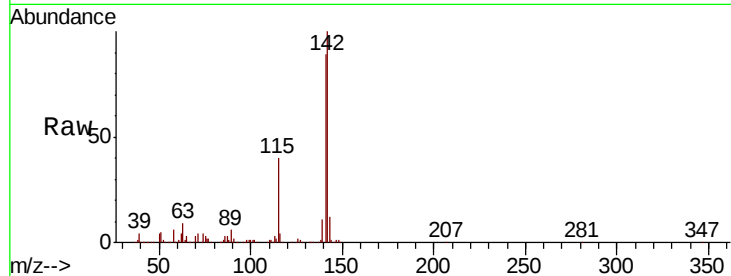




#37
 2-Methylnaphthalene
 Concen: 41.731 ng
 RT: 12.57 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

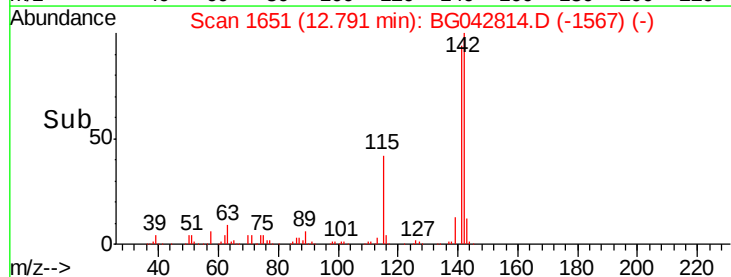
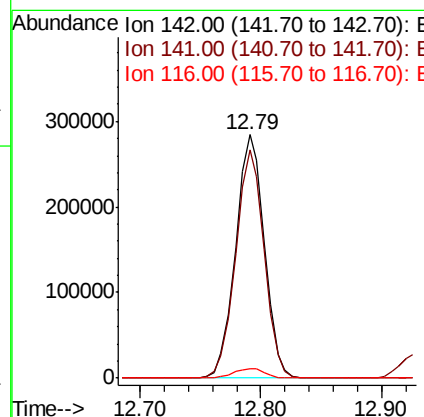
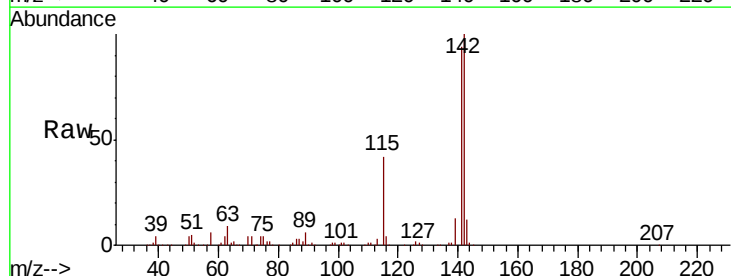
Instrument :
 BNA_G
 ClientSampleId :

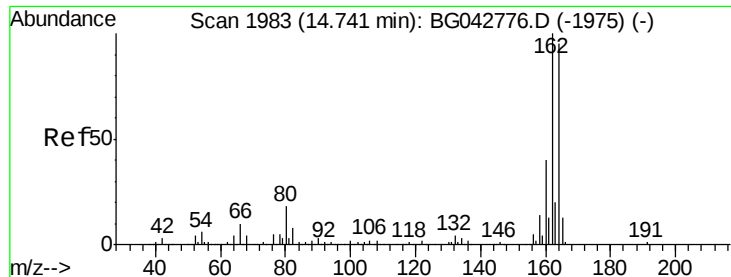
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.8	110.8
115	40.4	33.0	49.4



#38
 1-Methylnaphthalene
 Concen: 41.519 ng
 RT: 12.79 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	76.3	114.5
116	4.1	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

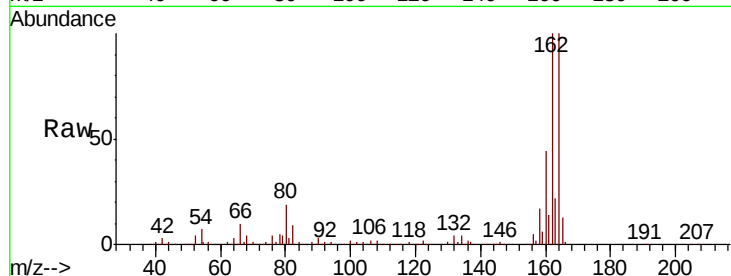
Tot Ion:164 Resp: 217920

Ion Ratio Lower Upper

164 100

162 100.3 84.6 126.8

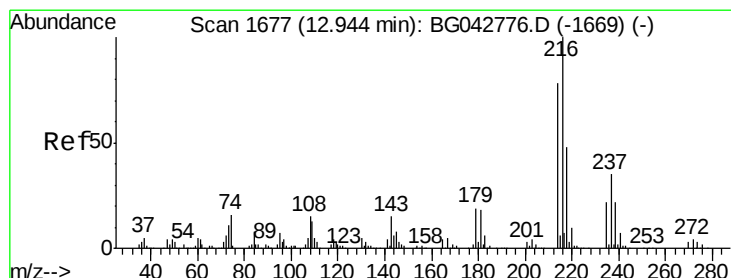
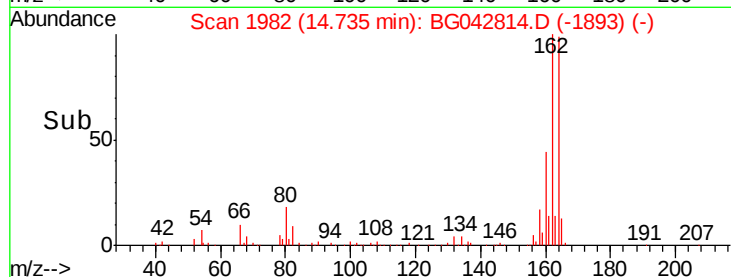
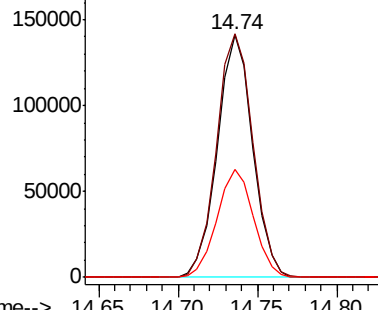
160 44.6 34.2 51.2



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: 42.925 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Tgt Ion:216 Resp: 309105

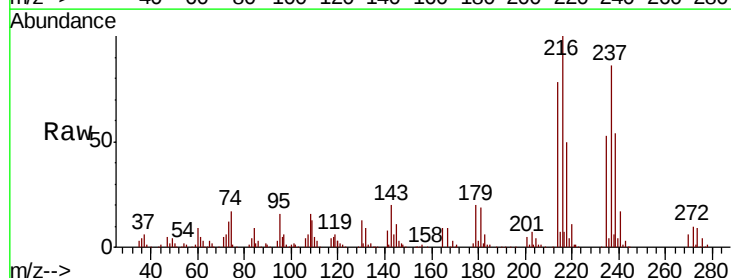
Ion Ratio Lower Upper

216 100

214 78.5 62.8 94.2

179 19.2 15.3 22.9

108 18.0 12.9 19.3

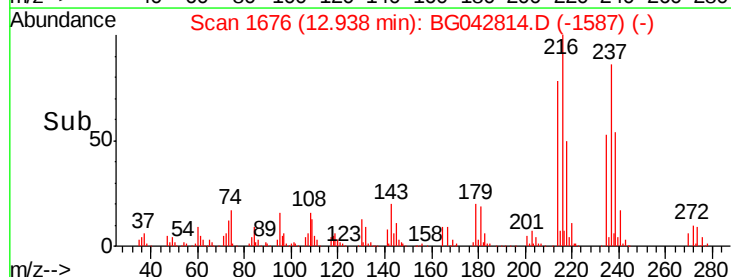
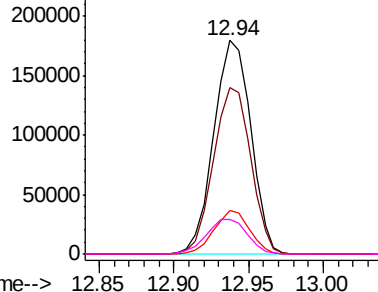


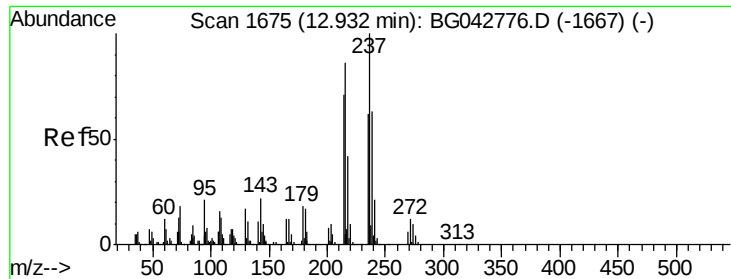
Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.879 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

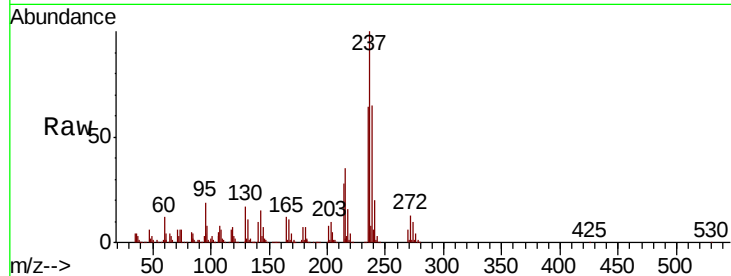
Tot Ion:237 Resp: 412028

Ion Ratio Lower Upper

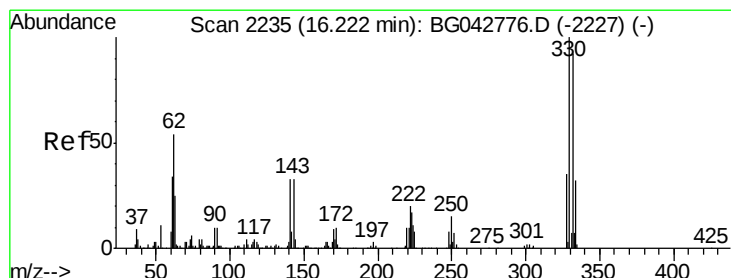
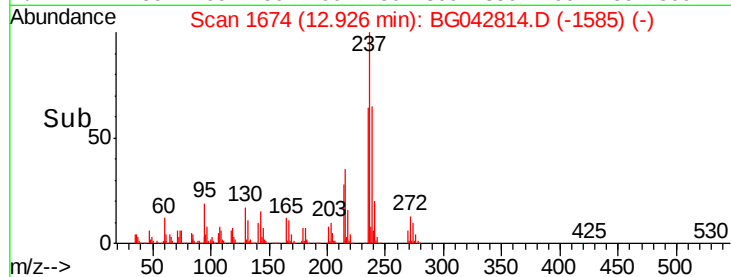
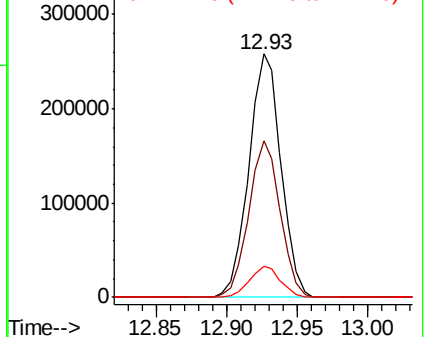
237 100

235 64.4 41.9 81.9

272 13.0 0.0 31.6



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: 111.294 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

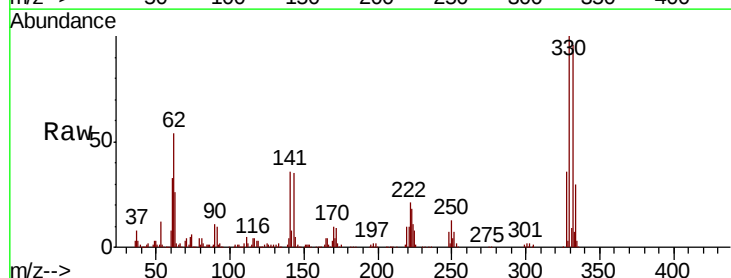
Tgt Ion:330 Resp: 322670

Ion Ratio Lower Upper

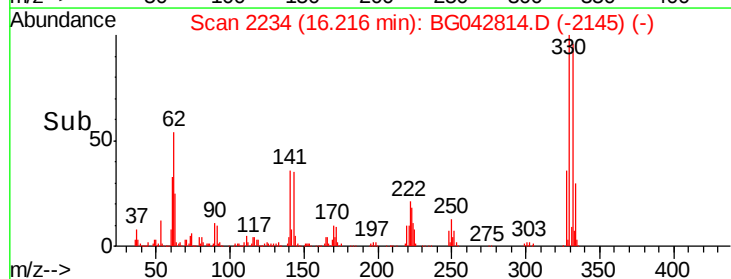
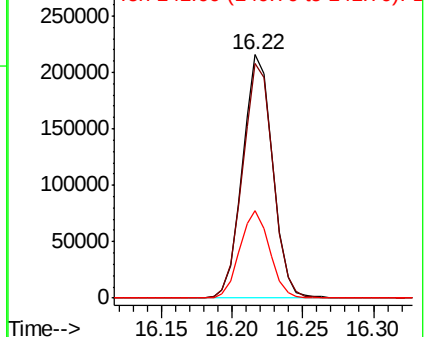
330 100

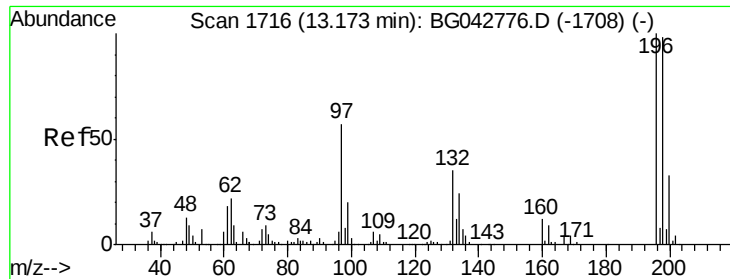
332 97.3 76.7 115.1

141 35.8 27.0 40.6



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

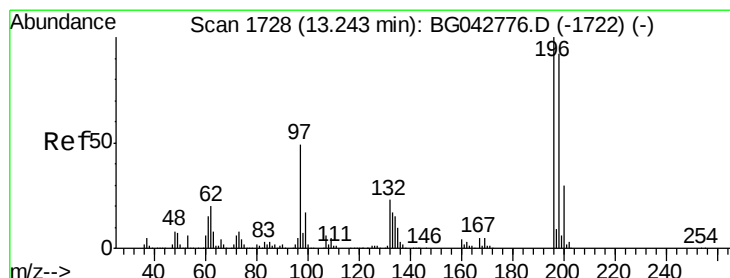
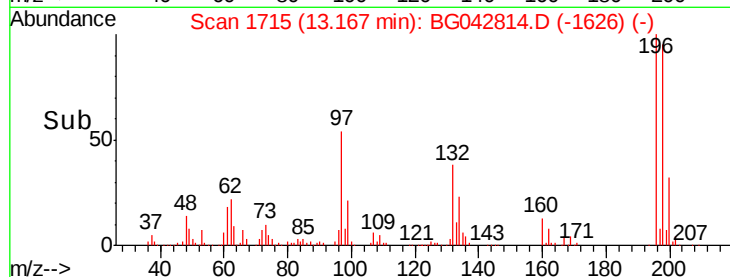
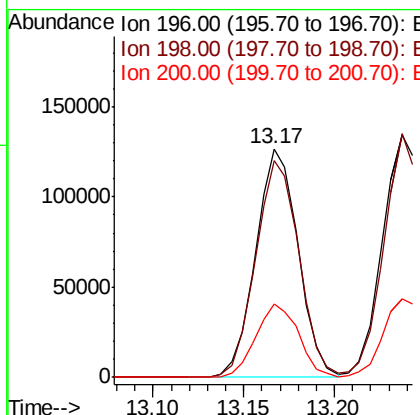
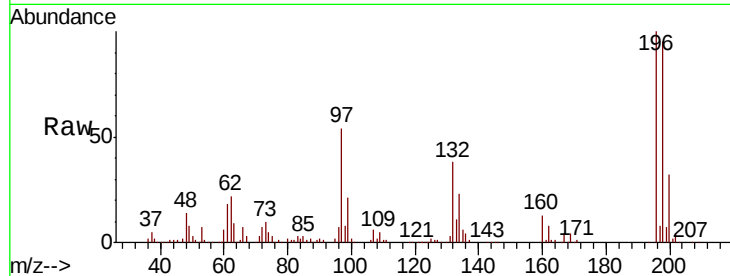




#43
 2,4,6-Trichlorophenol
 Concen: 42.877 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

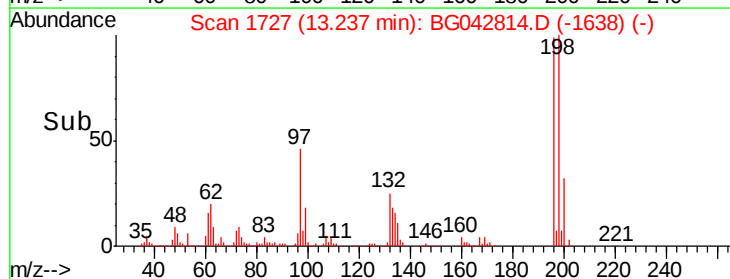
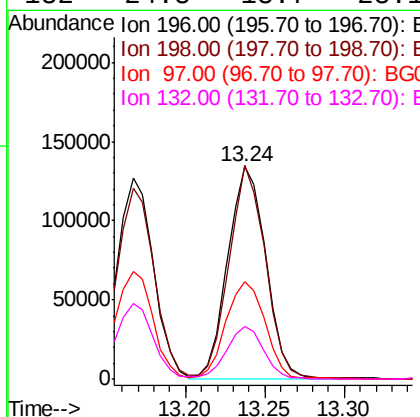
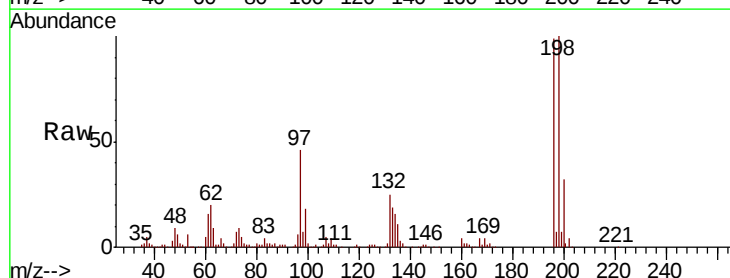
Instrument :
 BNA_G
 ClientSampleId :

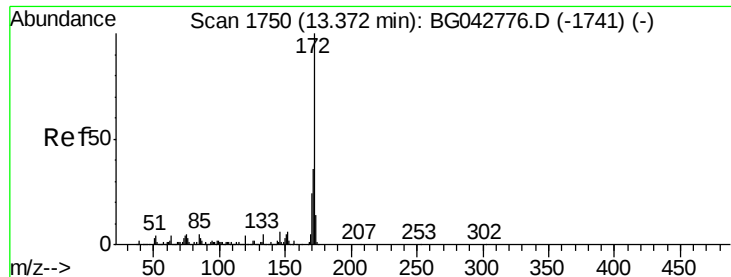
Tot Ion	196	Resp	205556
Ion Ratio	Lower	Upper	
196	100		
198	94.9	78.8	118.2
200	31.9	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 45.306 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion	196	Resp	222477
Ion Ratio	Lower	Upper	
196	100		
198	100.6	73.4	110.0
97	46.1	39.2	58.8
132	24.8	18.7	28.1

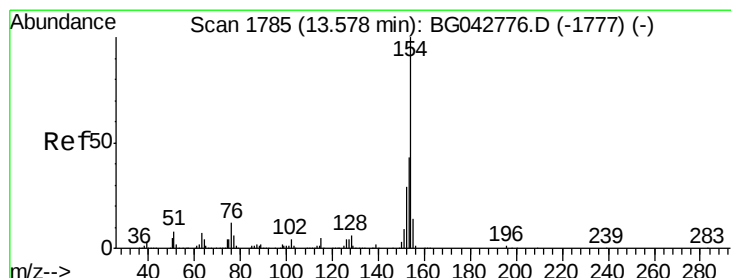
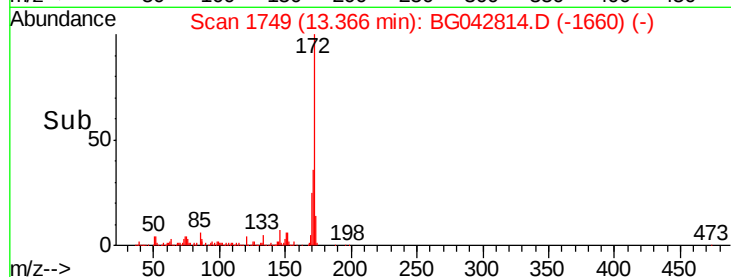
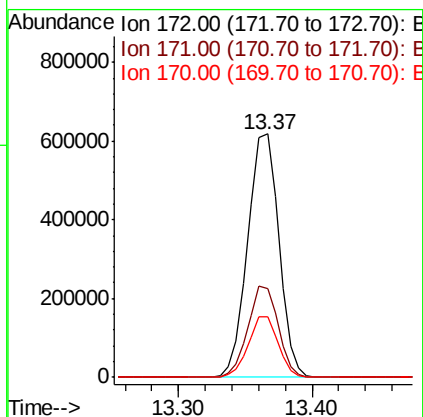
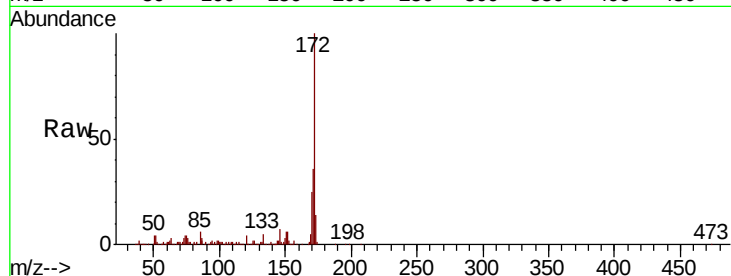




#45
2-Fluorobiphenyl
Concen: 72.326 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

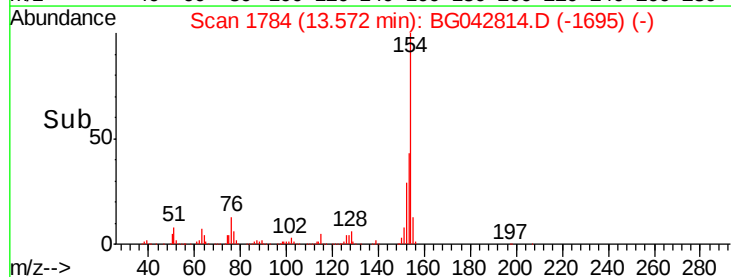
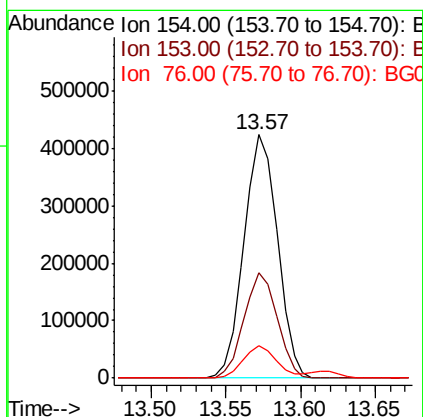
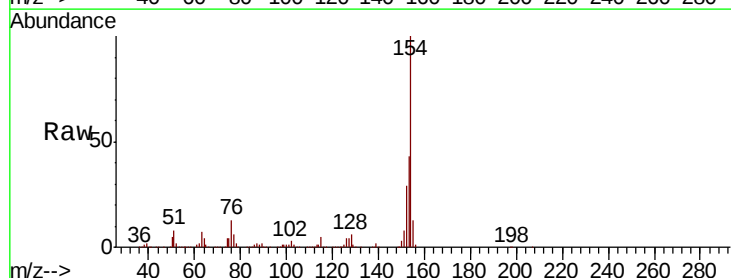
Instrument :
BNA_G
ClientSampleId :

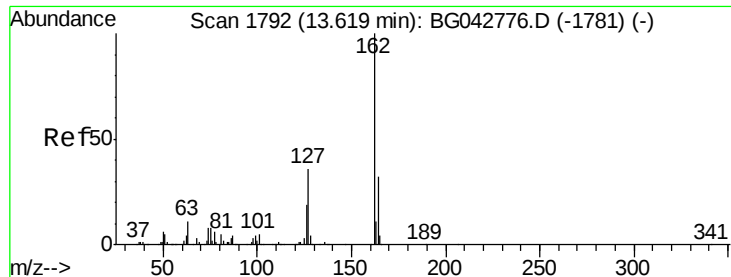
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.9	19.1	28.7



#46
1,1'-Biphenyl
Concen: 43.187 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.6	62.6
76	13.2	0.0	32.2

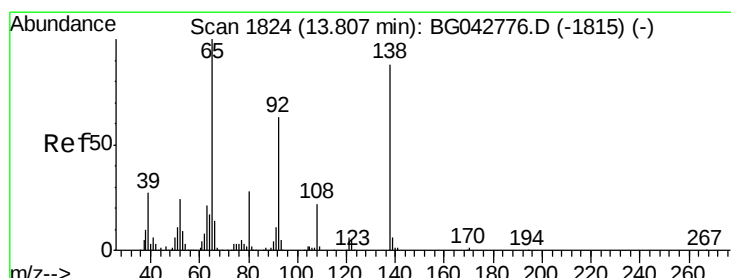
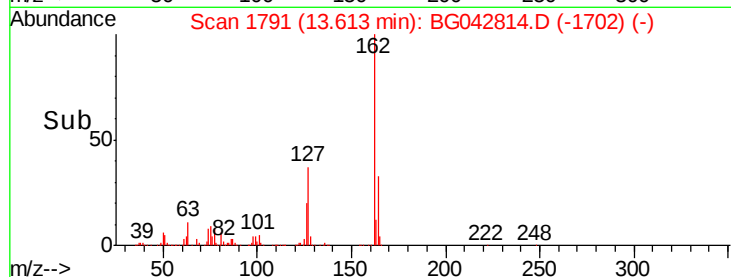
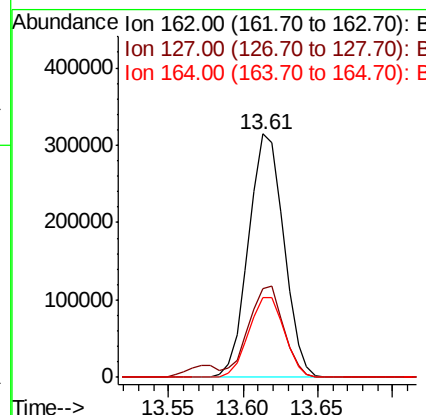
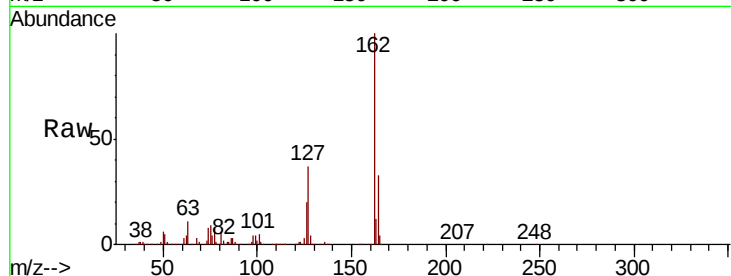




#47
 2-Chloronaphthalene
 Concen: 40.694 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

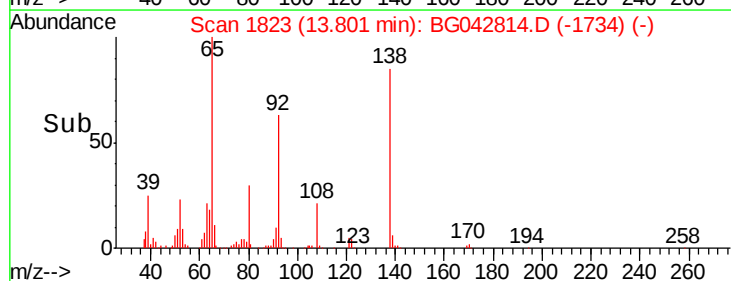
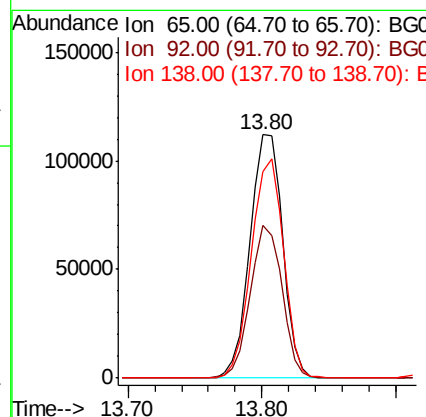
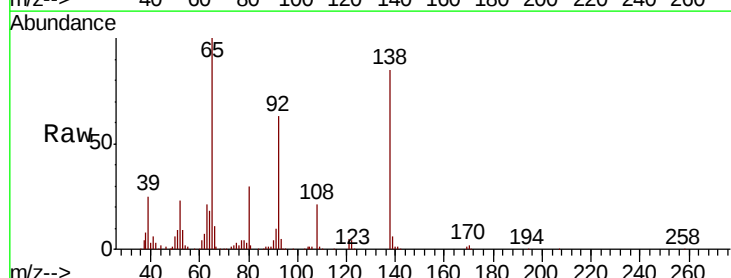
Instrument :
 BNA_G
 ClientSampleId :

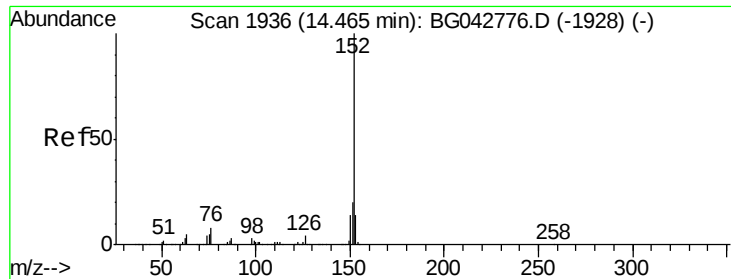
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	29.3	43.9
164	32.7	26.0	39.0



#48
 2-Nitroaniline
 Concen: 43.130 ng
 RT: 13.80 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	50.4	75.6
138	85.0	70.6	106.0





#49

Acenaphthylene

Concen: 42.953 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

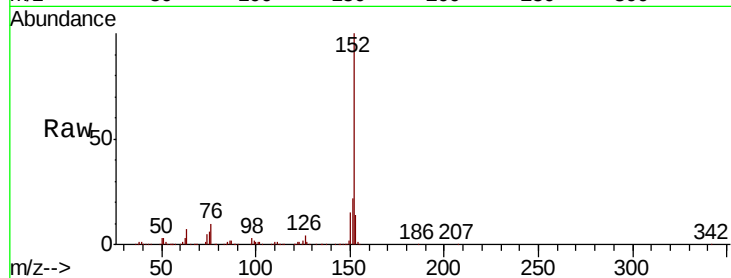
Tot Ion:152 Resp: 828370

Ion Ratio Lower Upper

152 100

151 22.0 16.0 24.0

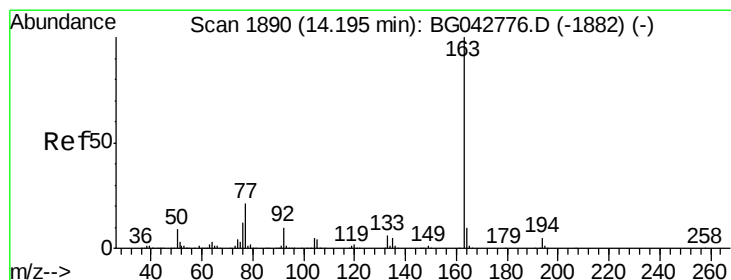
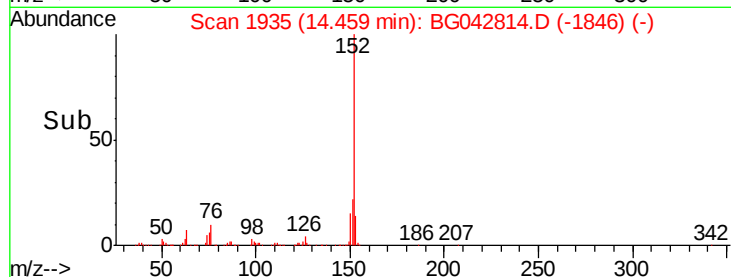
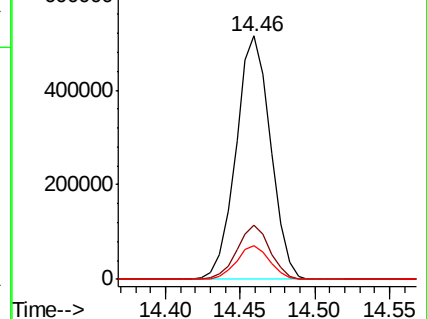
153 14.0 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.877 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

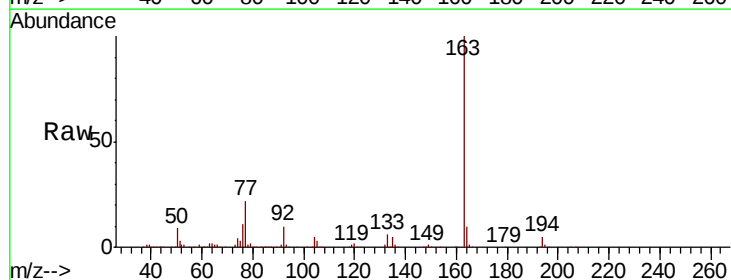
Tgt Ion:163 Resp: 667314

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.4

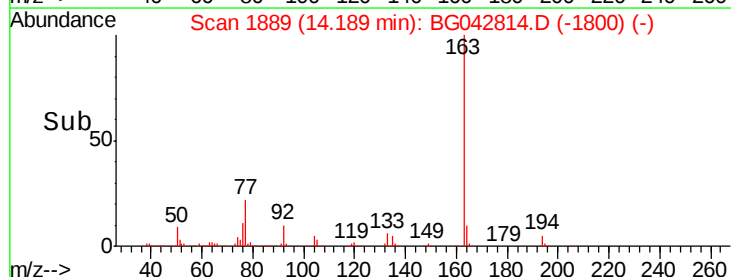
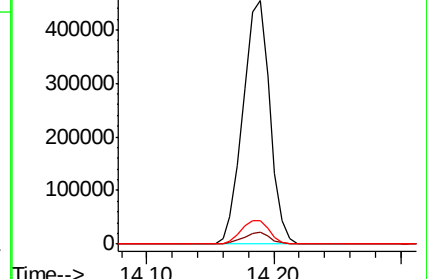
164 9.8 8.4 12.6

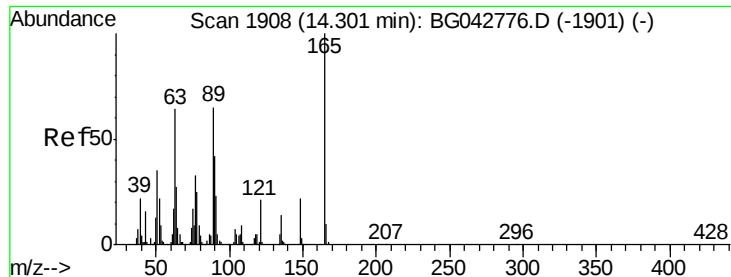


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

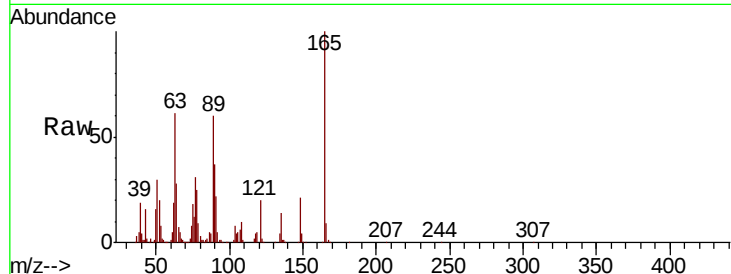




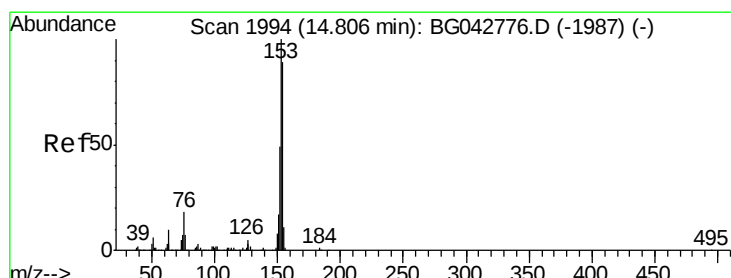
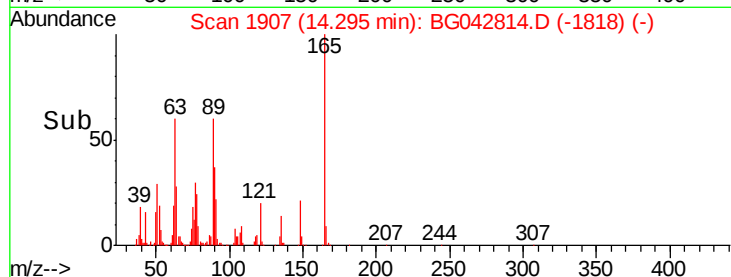
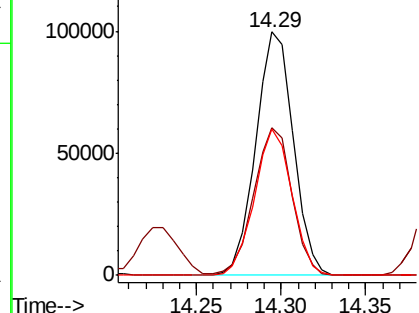
#51
2,6-Dinitrotoluene
Concen: 45.822 ng
RT: 14.29 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 153491
Ion Ratio Lower Upper
165 100
63 60.7 52.1 78.1
89 60.0 51.7 77.5

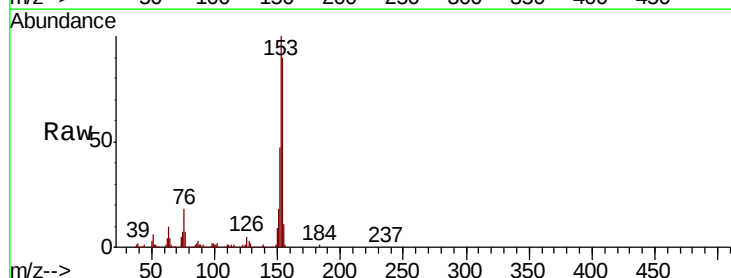


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

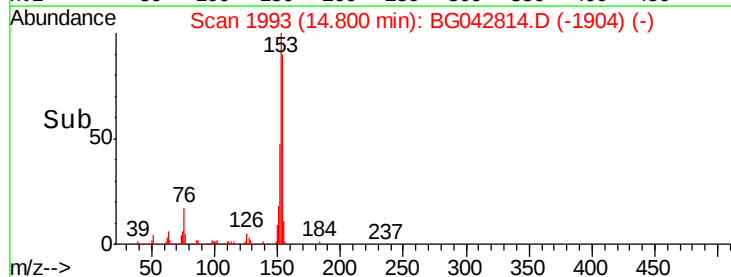
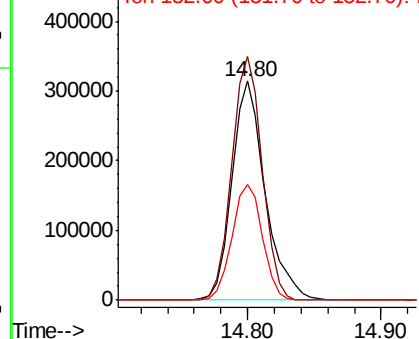


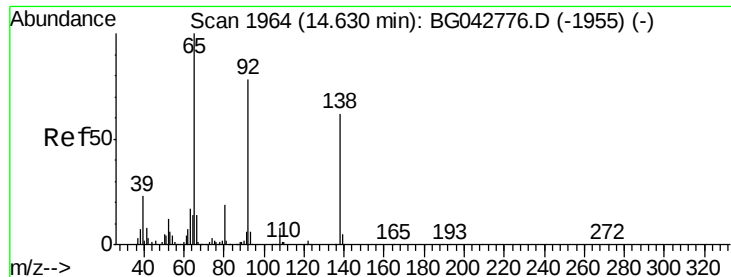
#52
Acenaphthene
Concen: 43.079 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion:154 Resp: 542759
Ion Ratio Lower Upper
154 100
153 111.2 89.4 134.2
152 52.6 43.5 65.3



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

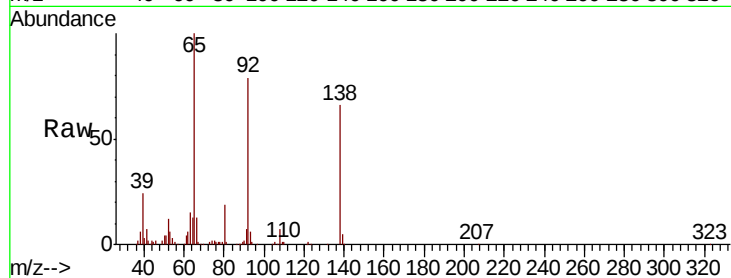




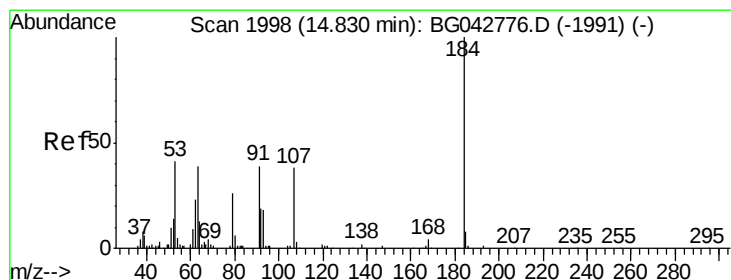
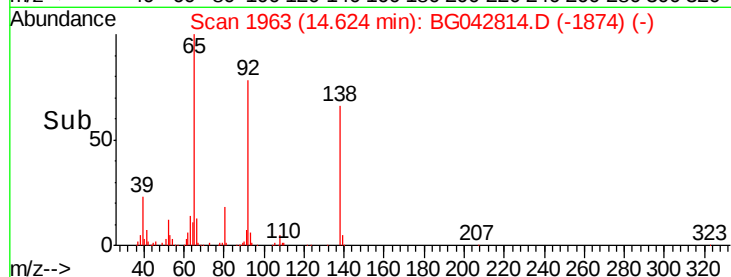
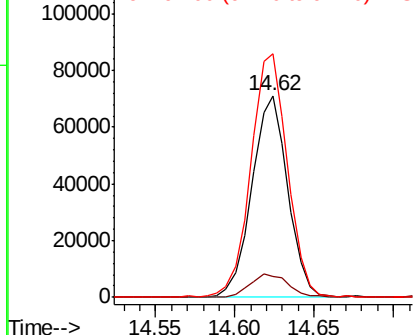
#53
3-Nitroaniline
Concen: 29.665 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 111525
Ion Ratio Lower Upper
138 100
108 10.2 10.7 16.1#
92 120.6 100.5 150.7

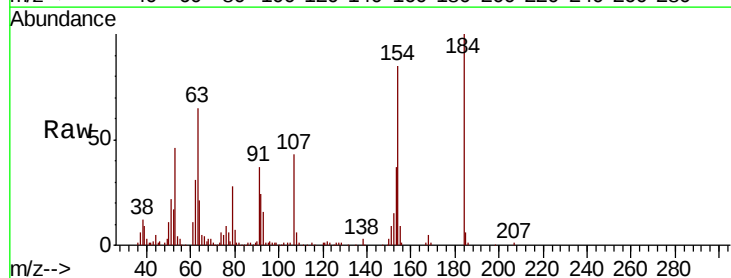


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

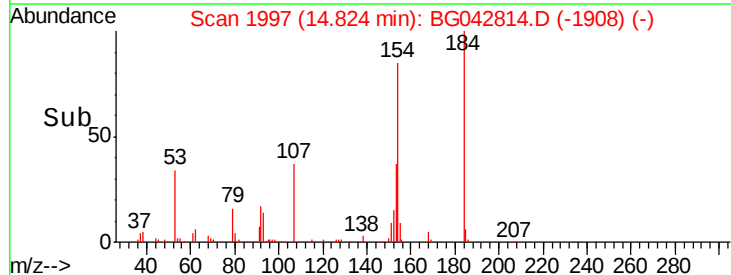
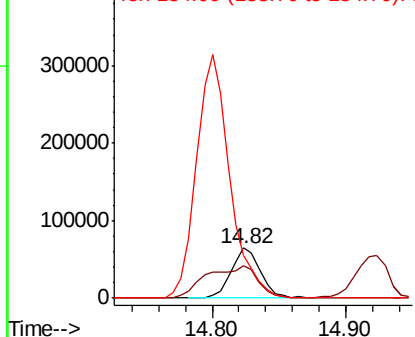


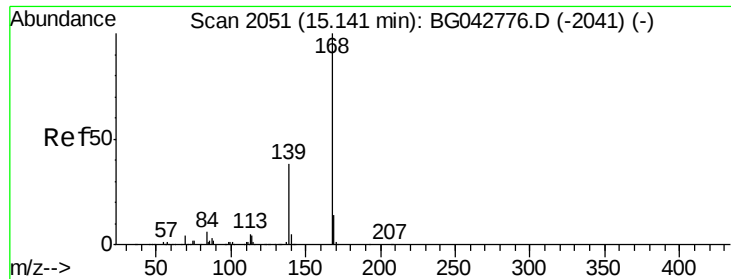
#54
2,4-Dinitrophenol
Concen: 60.196 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion:184 Resp: 99265
Ion Ratio Lower Upper
184 100
63 65.3 46.2 69.4
154 85.1 81.3 121.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

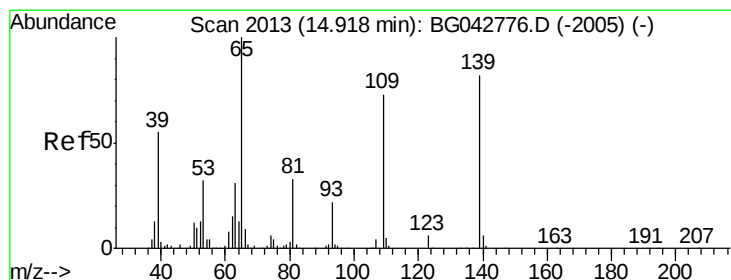
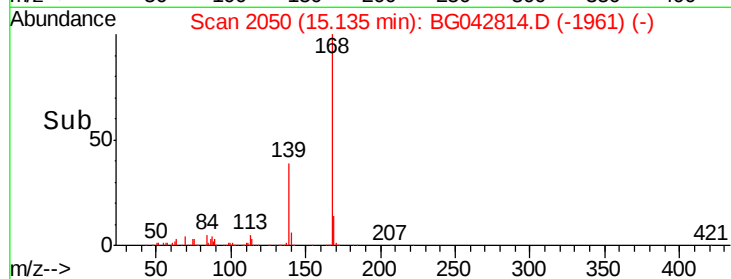
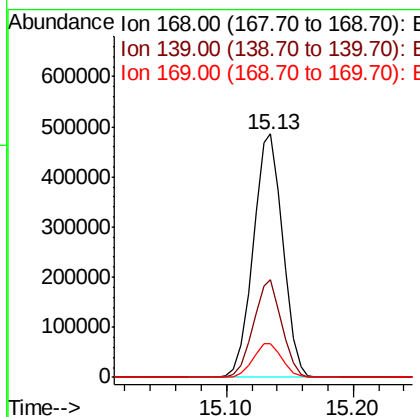
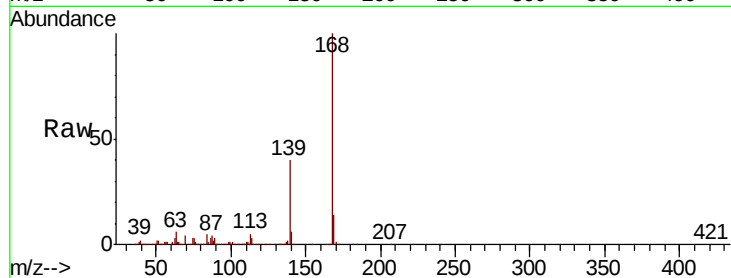




#55
Dibenzenofuran
Concen: 41.884 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

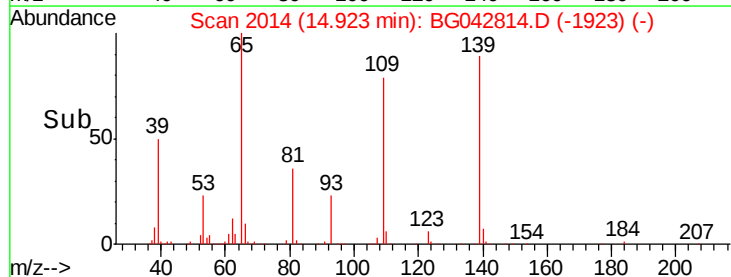
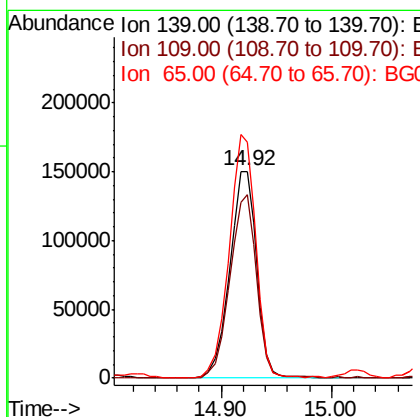
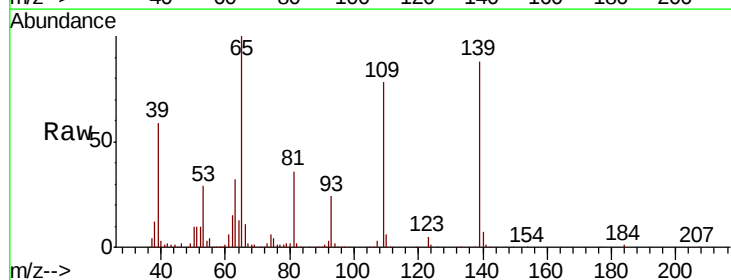
Instrument :
BNA_G
ClientSampleId :

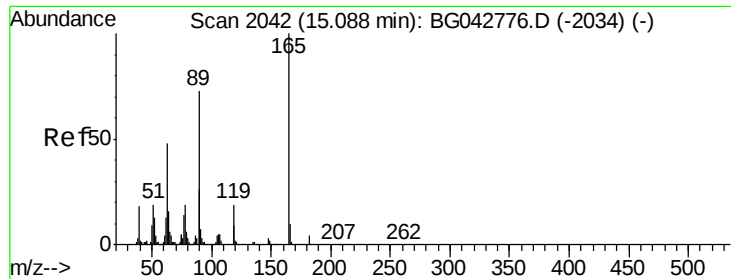
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.2	45.4
169	14.0	11.2	16.8



#56
4-Nitrophenol
Concen: 88.405 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.4	69.4	109.4
65	113.8	102.5	142.5

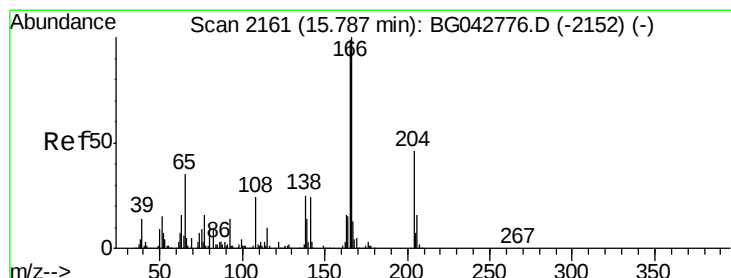
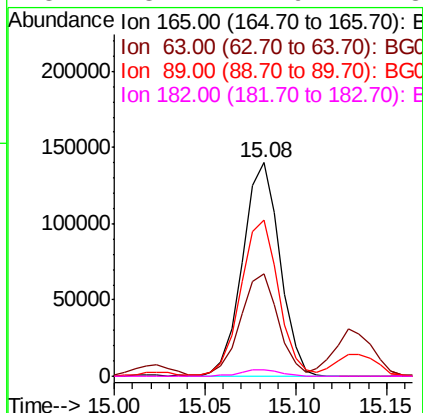
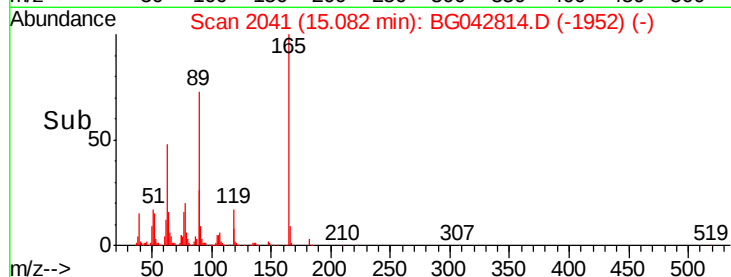
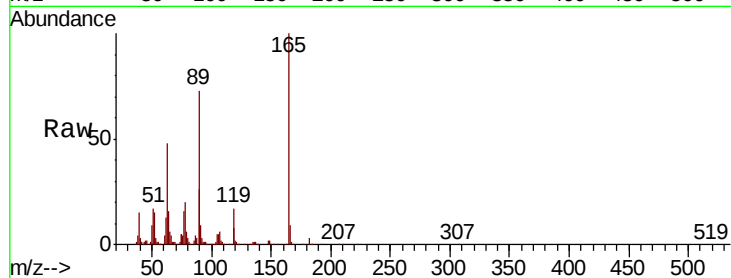




#57
 2,4-Dinitrotoluene
 Concen: 44.554 ng
 RT: 15.08 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

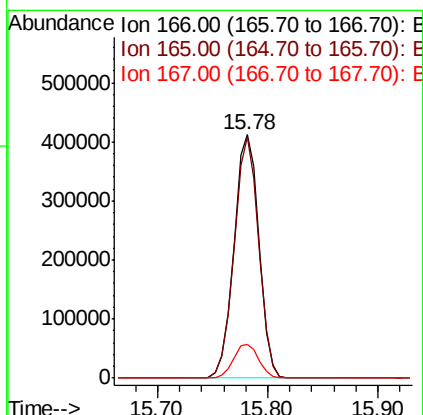
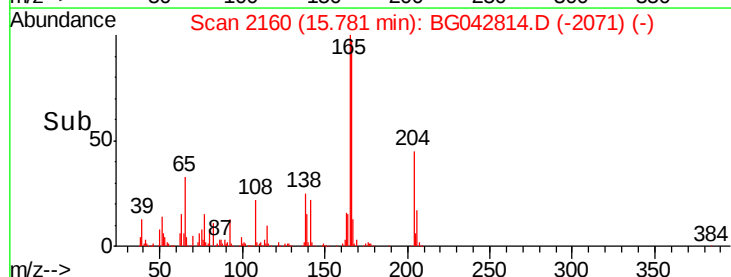
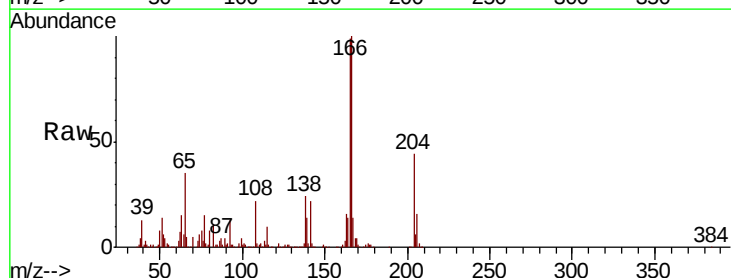
Instrument :
 BNA_G
 ClientSampleId :

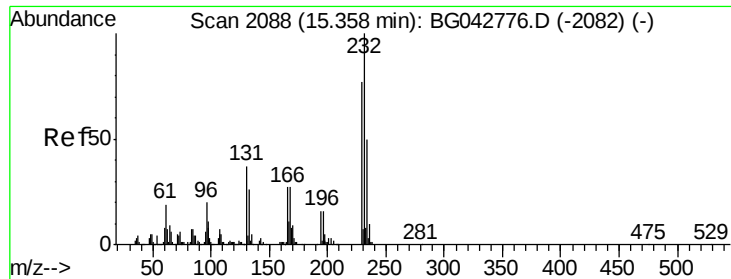
Tot Ion:165 Resp: 198928
 Ion Ratio Lower Upper
 165 100
 63 47.7 38.3 57.5
 89 73.4 58.4 87.6
 182 3.2 2.9 4.3



#58
 Fluorene
 Concen: 41.875 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion:166 Resp: 649914
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.1 118.7
 167 13.7 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.669 ng

RT: 15.35 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 217398

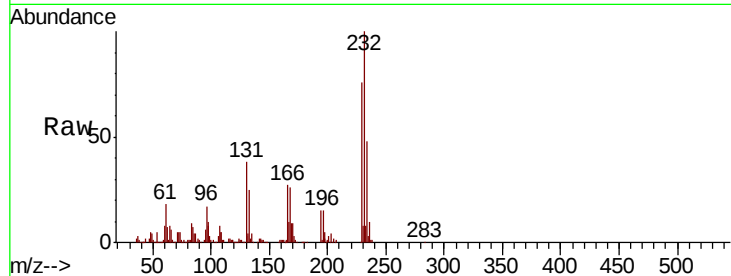
Ion Ratio Lower Upper

232 100

131 38.2 31.1 46.7

130 1.8 1.8 2.6

166 26.7 21.7 32.5

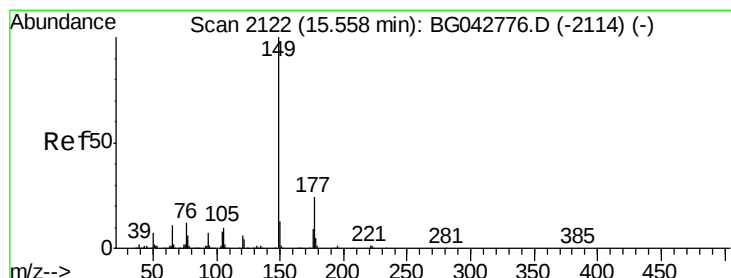
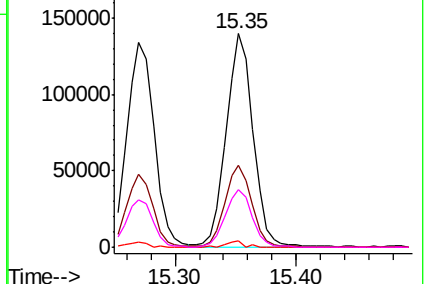
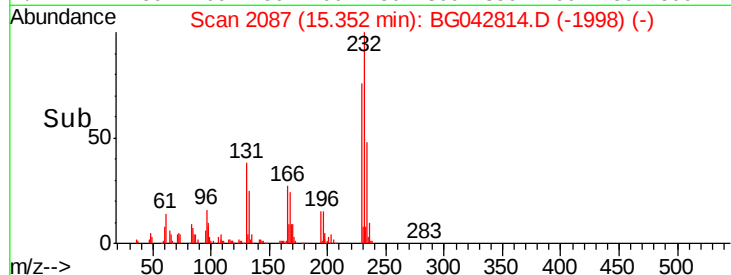


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.923 ng

RT: 15.55 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

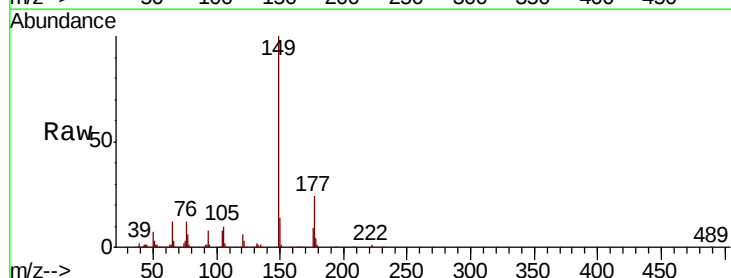
Tgt Ion:149 Resp: 661566

Ion Ratio Lower Upper

149 100

177 23.8 19.4 29.0

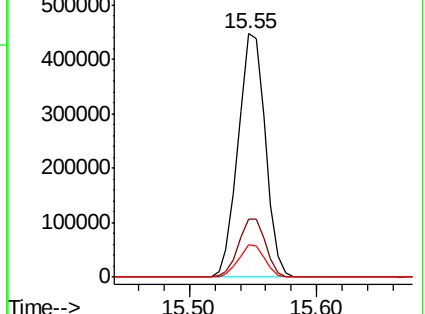
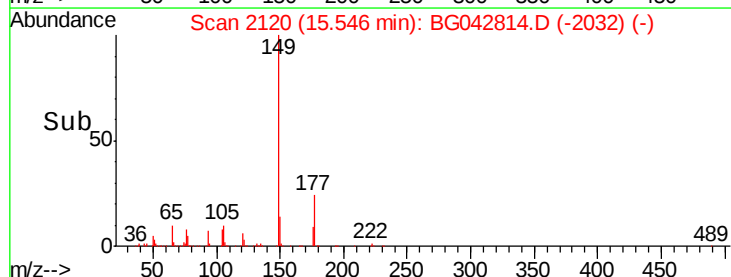
150 13.6 10.2 15.4

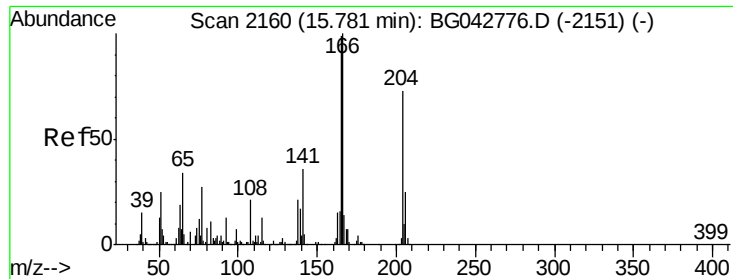


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

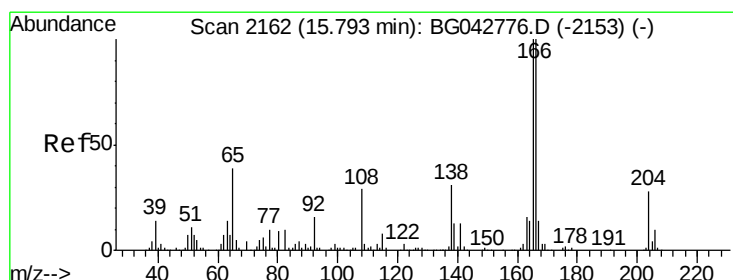
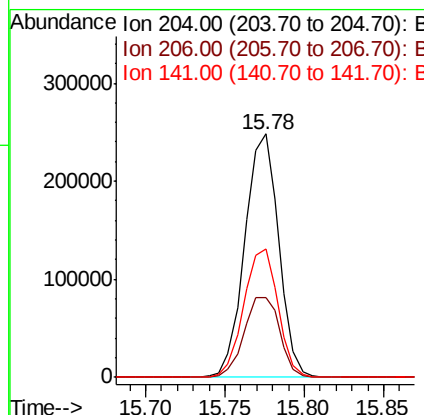
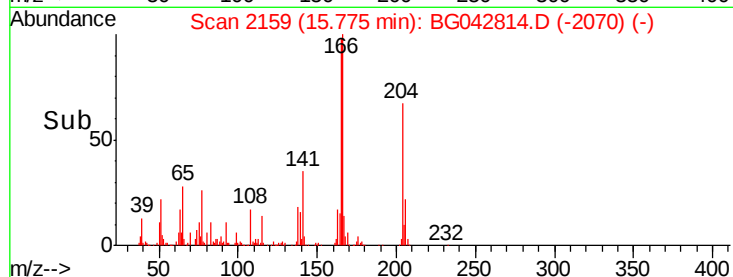
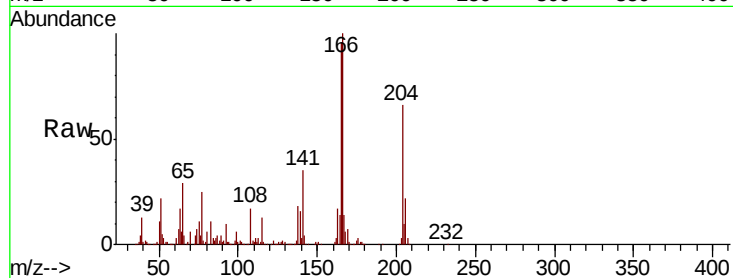




#61
4-Chlorophenyl-phenylether
Concen: 40.100 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

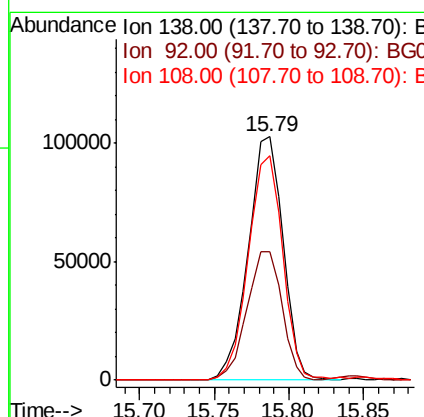
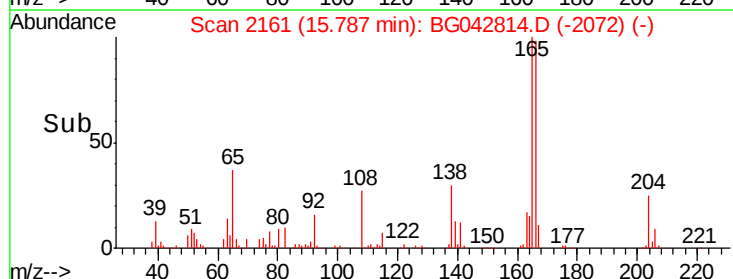
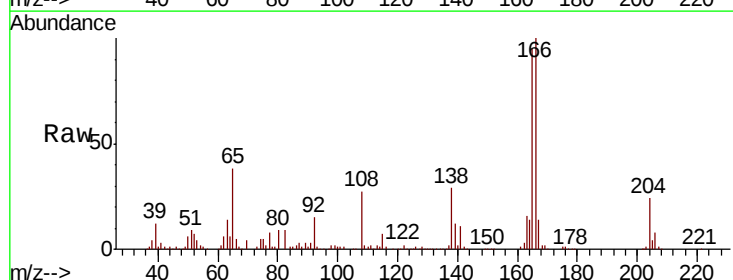
Instrument :
BNA_G
ClientSampleId :

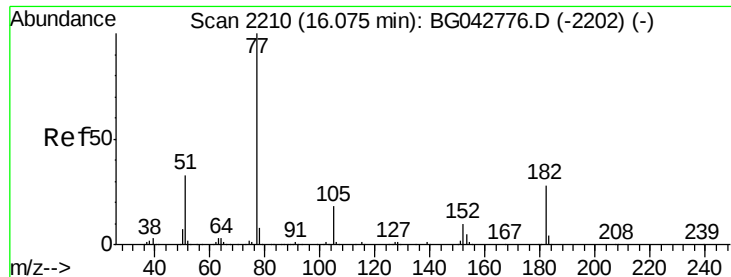
Tot Ion:204 Resp: 367983
Ion Ratio Lower Upper
204 100
206 33.0 27.6 41.4
141 53.0 39.8 59.6



#62
4-Nitroaniline
Concen: 40.968 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion:138 Resp: 166015
Ion Ratio Lower Upper
138 100
92 52.7 31.4 71.4
108 92.2 74.8 114.8

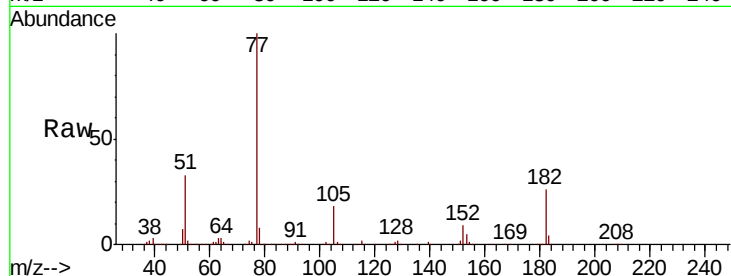




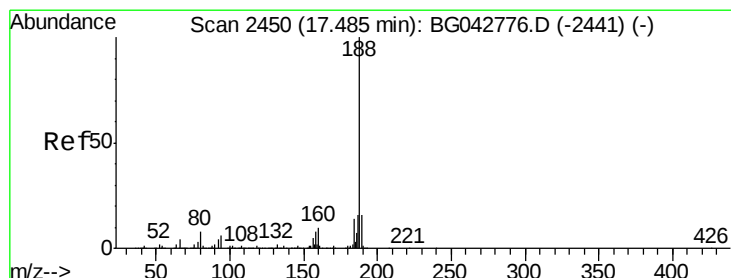
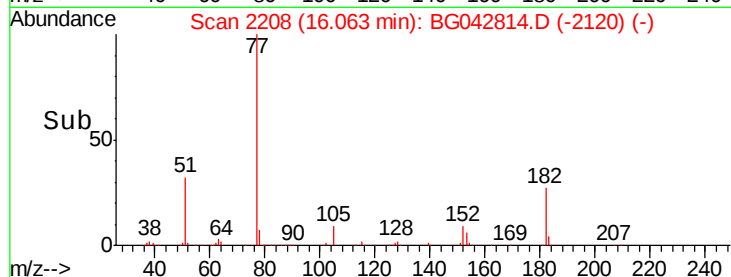
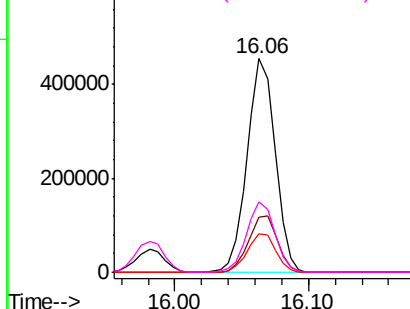
#63
Azobenzene
Concen: 41.429 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.7	8.1	48.1
105	18.2	0.0	38.1
51	33.2	12.9	52.9

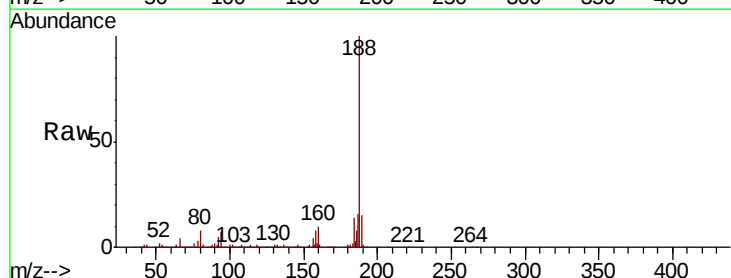


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

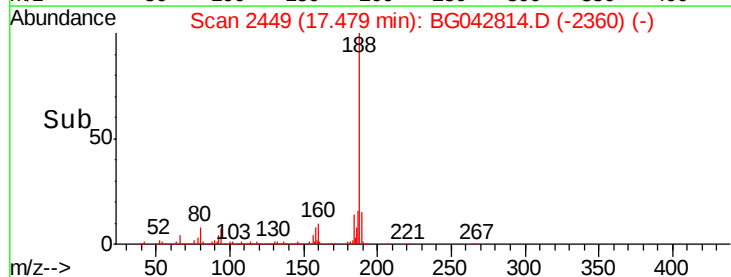
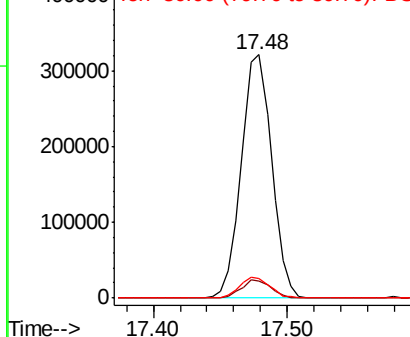


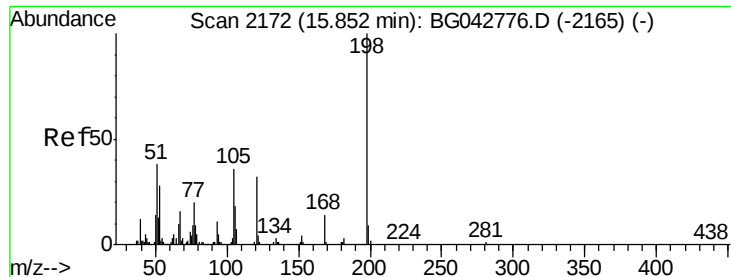
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	4.8	7.2#
80	8.1	6.6	9.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

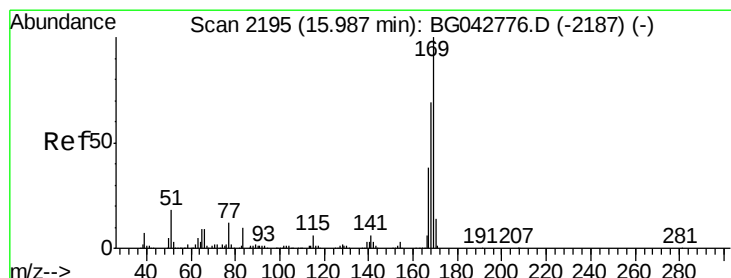
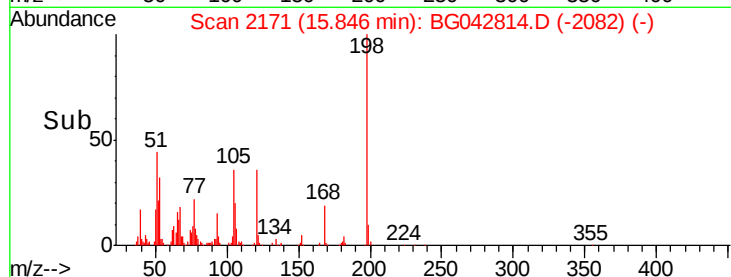
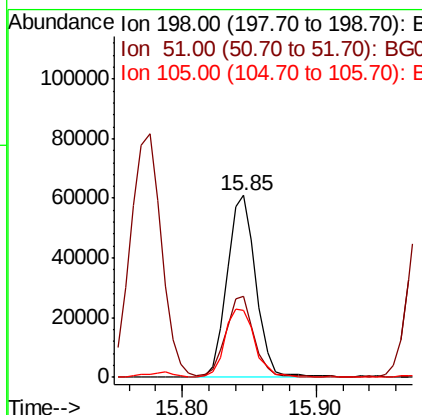
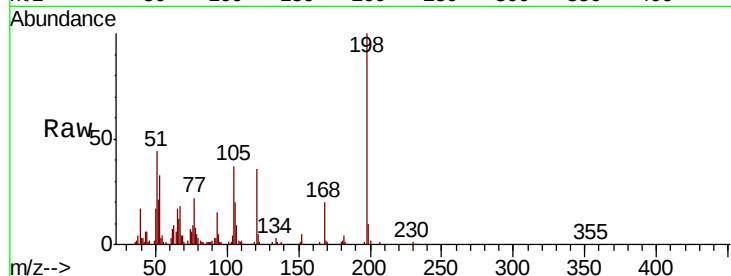




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.474 ng
 RT: 15.85 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

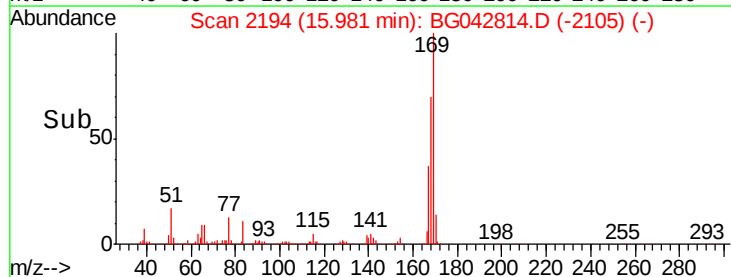
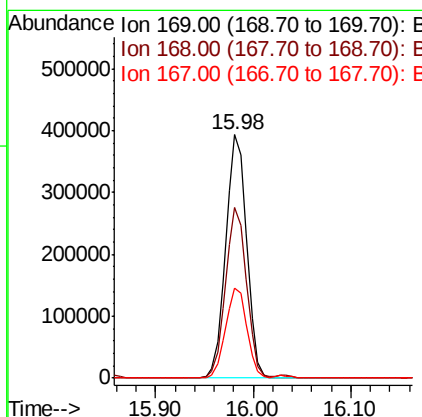
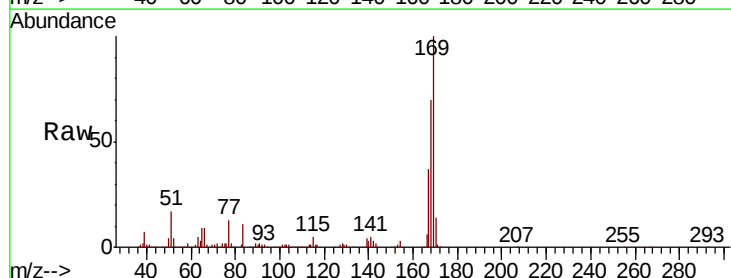
Instrument :
 BNA_G
 ClientSampled :

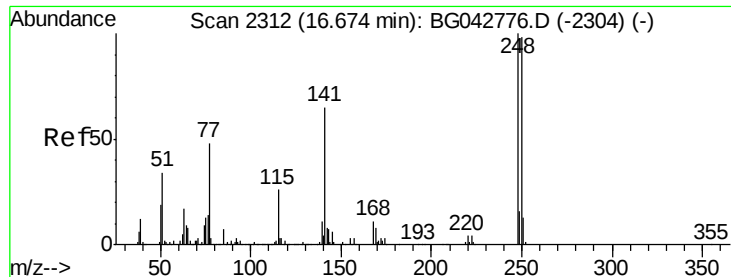
Tot Ion	Ratio	Lower	Upper
198	100		
51	44.4	20.9	60.9
105	36.9	16.4	56.4



#66
 n-Nitrosodiphenylamine
 Concen: 42.935 ng
 RT: 15.98 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.1	55.4	83.2
167	37.1	30.4	45.6

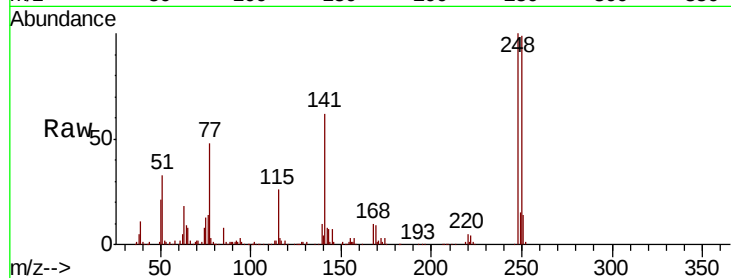




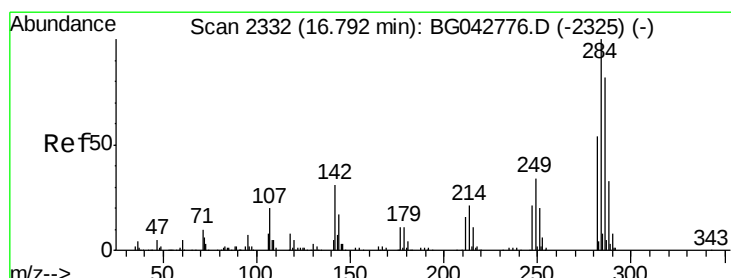
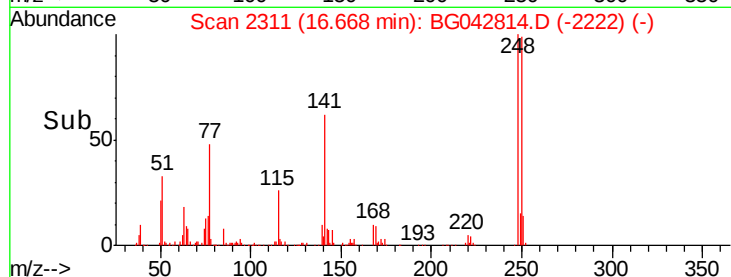
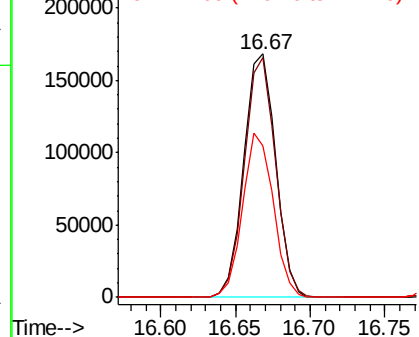
#67
4-Bromophenyl-phenylether
Concen: 40.566 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 248220
Ion Ratio Lower Upper
248 100
250 98.5 78.0 117.0
141 62.1 51.8 77.6

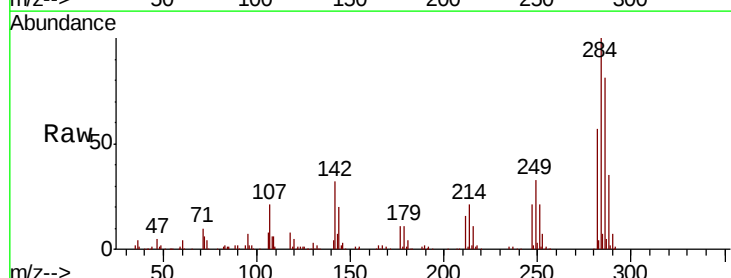


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

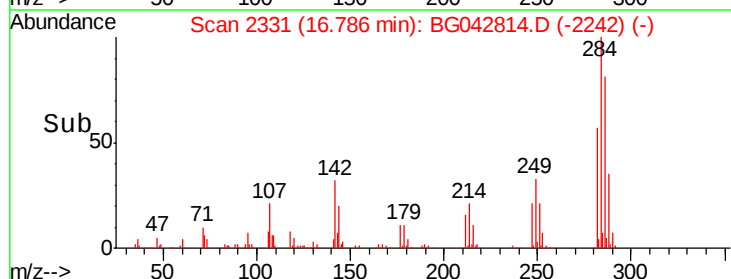
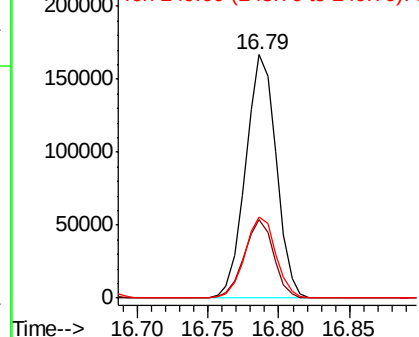


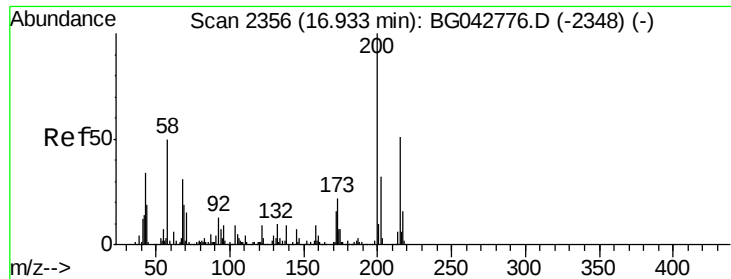
#68
Hexachlorobenzene
Concen: 38.711 ng
RT: 16.79 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion:284 Resp: 253107
Ion Ratio Lower Upper
284 100
142 32.1 24.7 37.1
249 33.3 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.928 ng

RT: 16.93 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

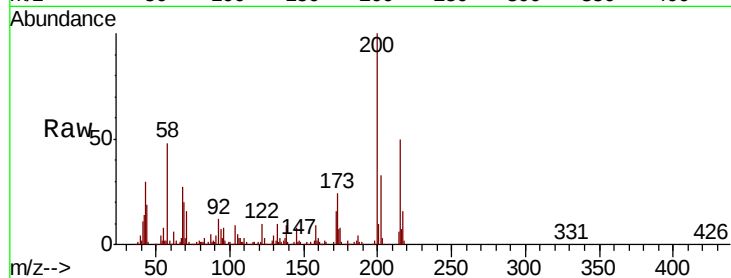
Tot Ion:200 Resp: 222310

Ion Ratio Lower Upper

200 100

173 24.4 2.5 42.5

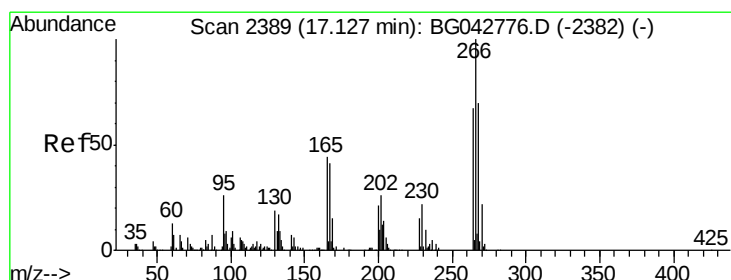
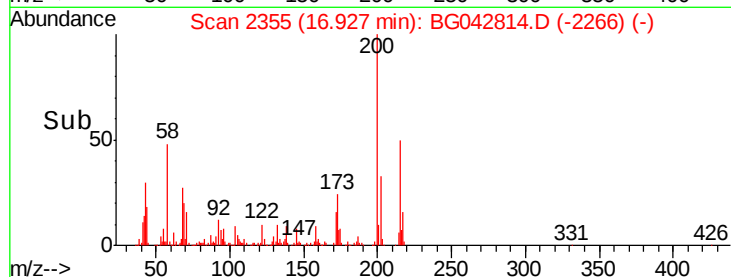
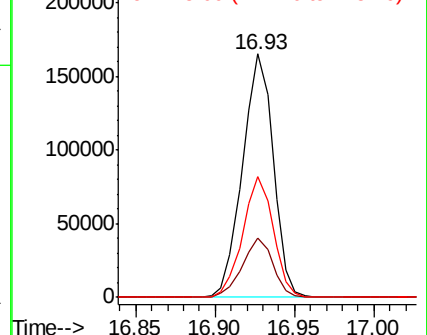
215 49.8 31.0 71.0



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: 87.310 ng

RT: 17.12 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

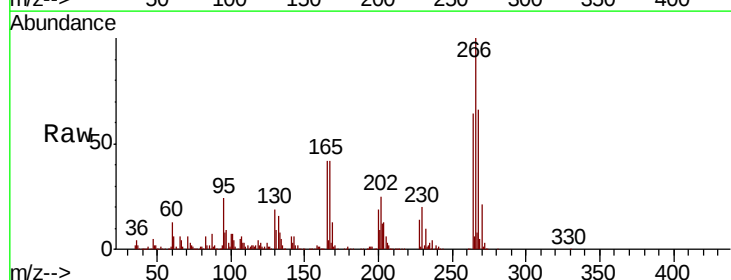
Tgt Ion:266 Resp: 338649

Ion Ratio Lower Upper

266 100

268 65.6 56.2 84.4

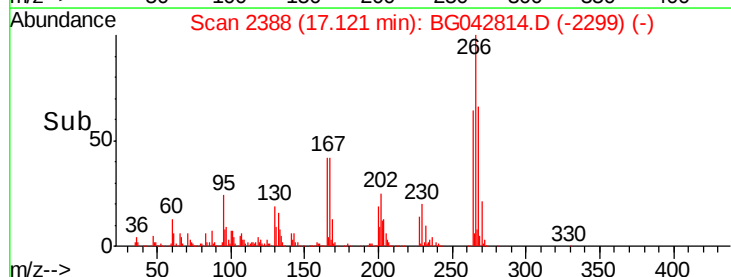
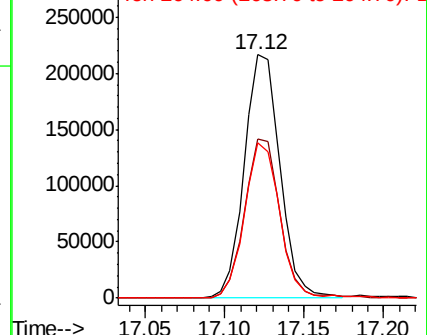
264 64.0 53.4 80.2

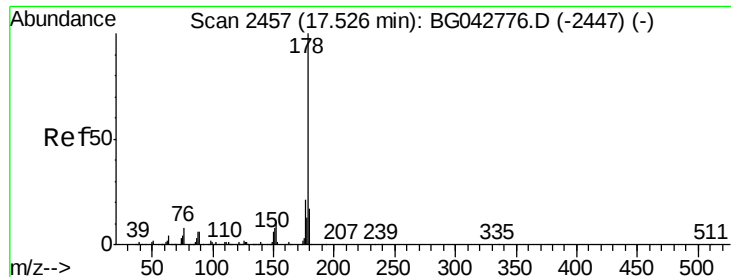


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.875 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

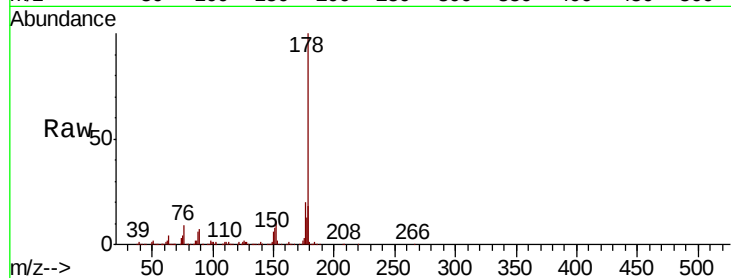
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1012414

Ion	Ratio	Lower	Upper
178	100		
176	20.1	17.0	25.4
179	17.7	13.6	20.4

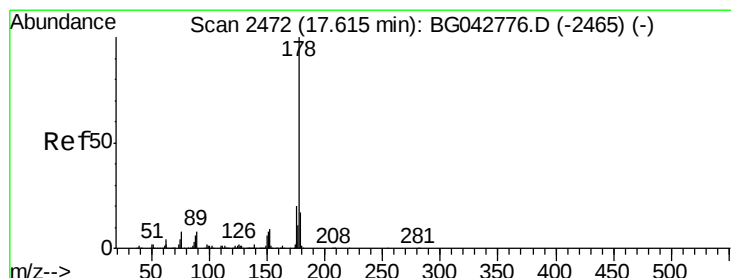
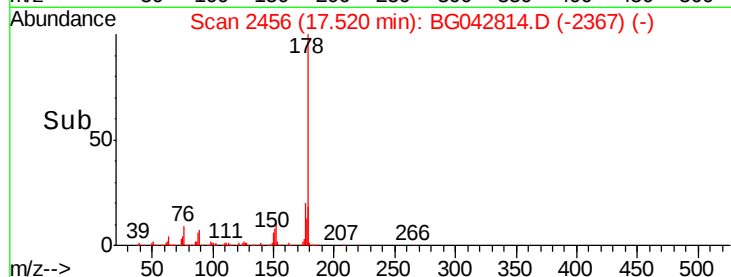
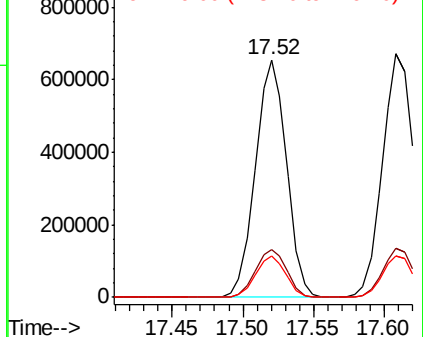


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.958 ng

RT: 17.61 min Scan# 2471

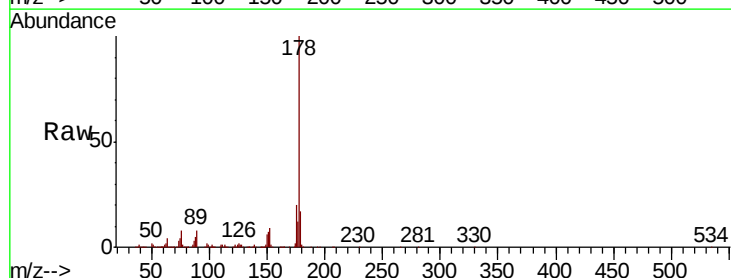
Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Tgt Ion:178 Resp: 1037616

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	17.1	13.6	20.4

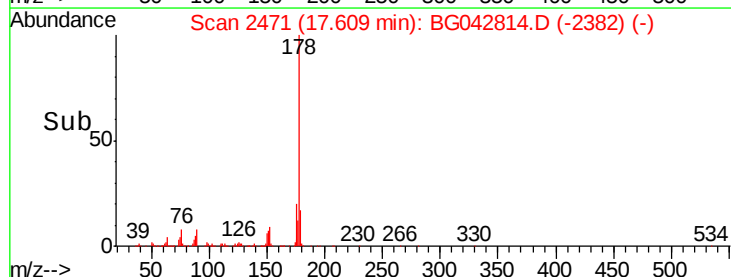
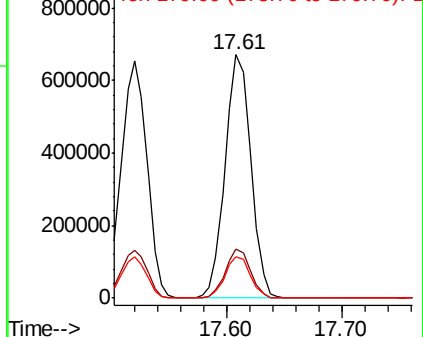


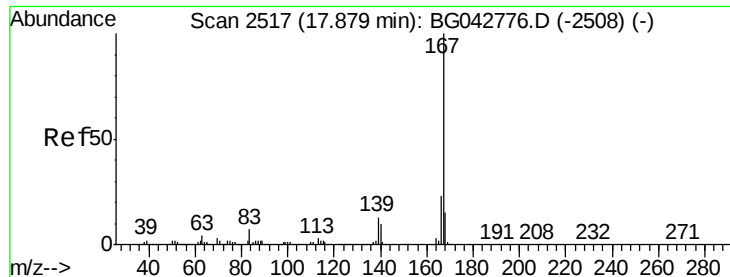
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

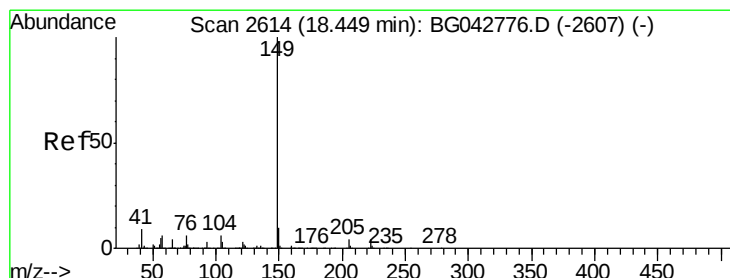
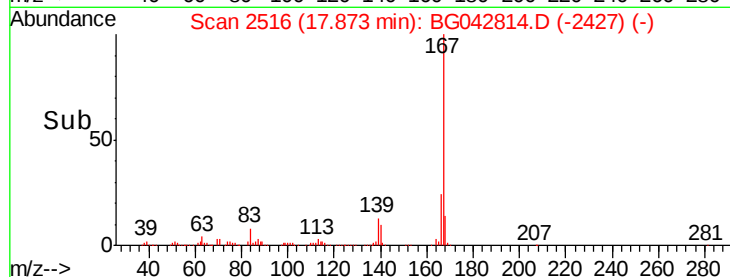
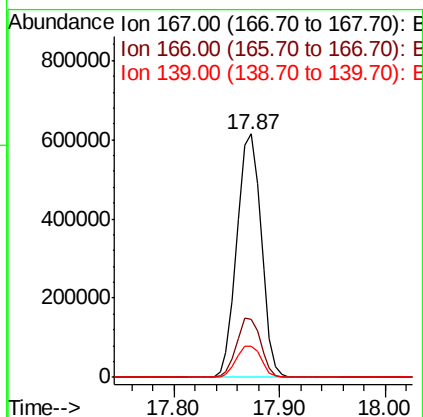
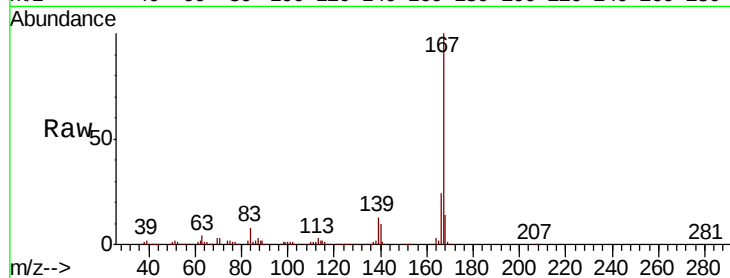




#73
 Carbazole
 Concen: 42.601 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

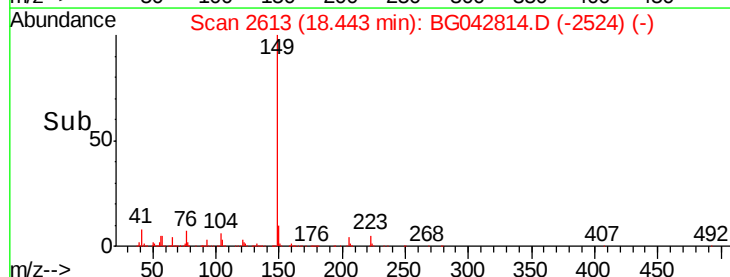
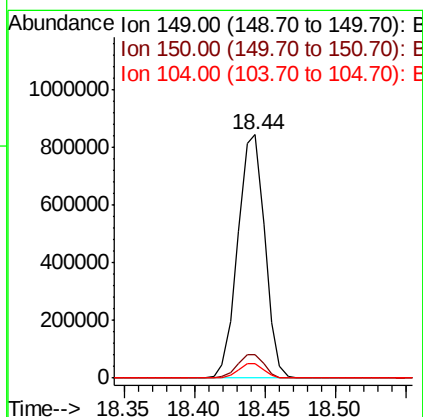
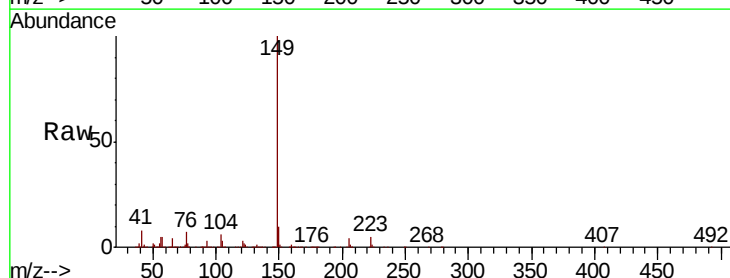
Instrument :
 BNA_G
 ClientSampleId :

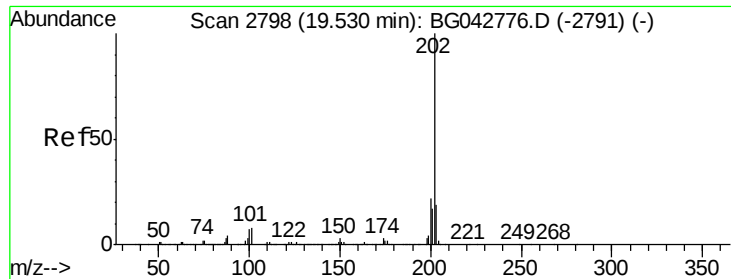
Tot Ion:167 Resp: 978006
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.3 27.5
 139 13.0 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 40.890 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion:149 Resp: 1124507
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.0 12.0
 104 6.0 5.1 7.7





#75

Fluoranthene

Concen: 43.058 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

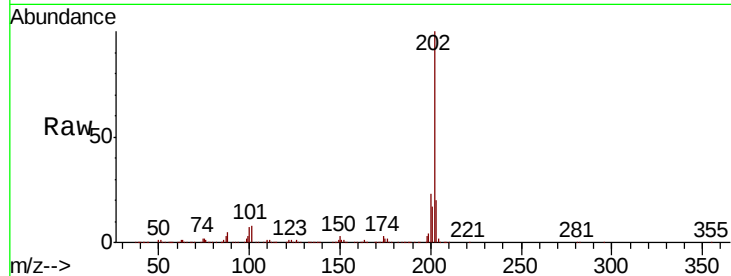
Tot Ion:202 Resp: 1349174

Ion Ratio Lower Upper

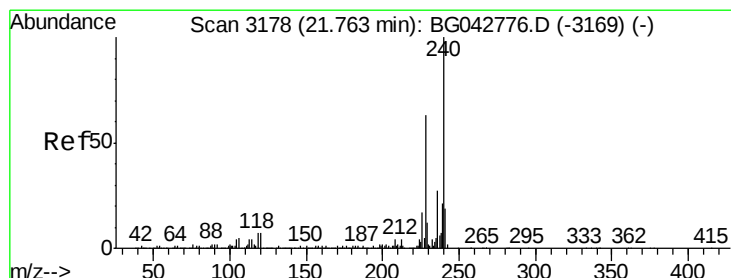
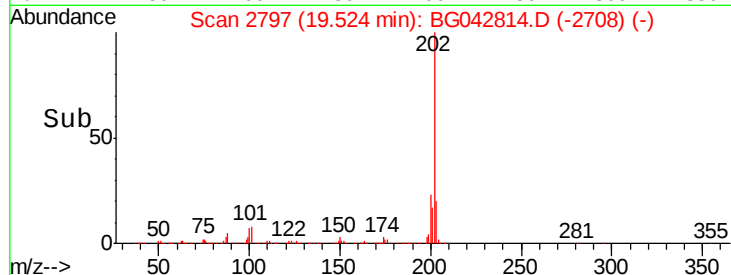
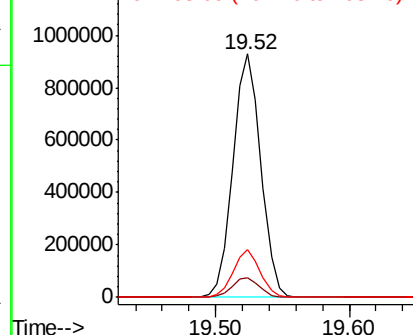
202 100

101 8.3 0.0 27.8

203 19.7 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: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

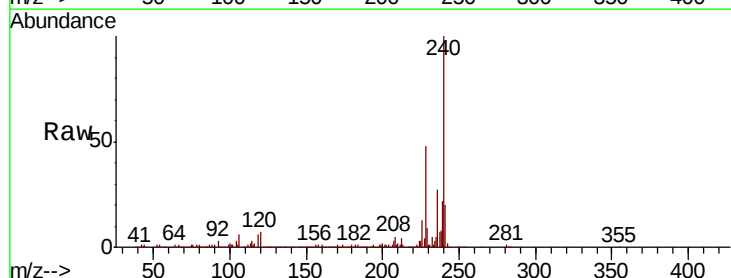
Tgt Ion:240 Resp: 539288

Ion Ratio Lower Upper

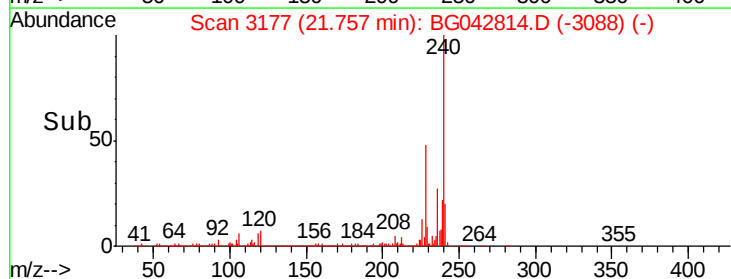
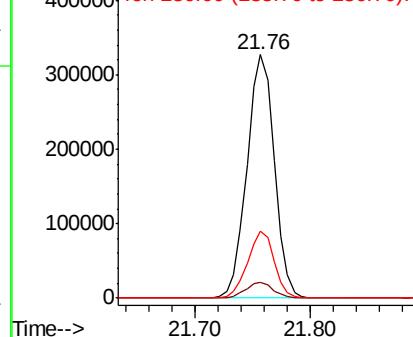
240 100

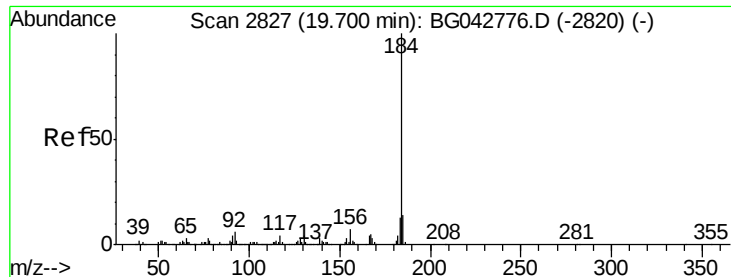
120 6.7 5.4 8.2

236 27.5 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.978 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

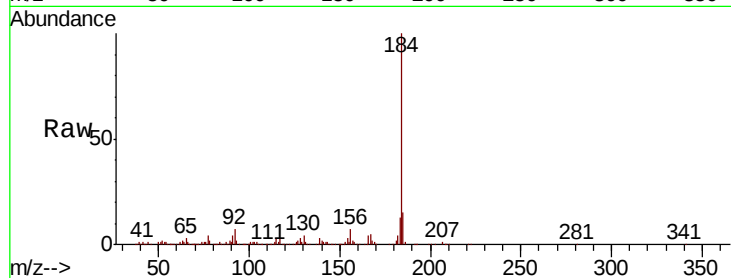
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 647545

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.6	17.4
183	13.4	10.4	15.6

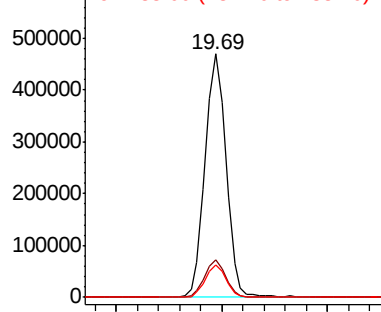


Abundance

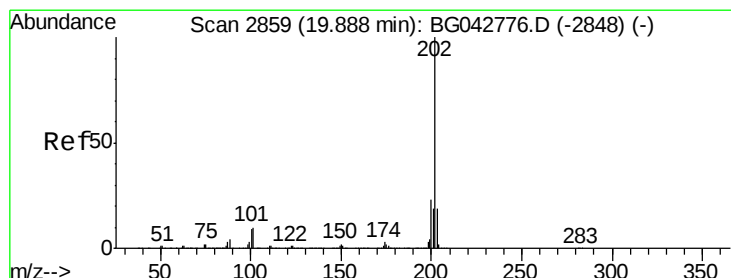
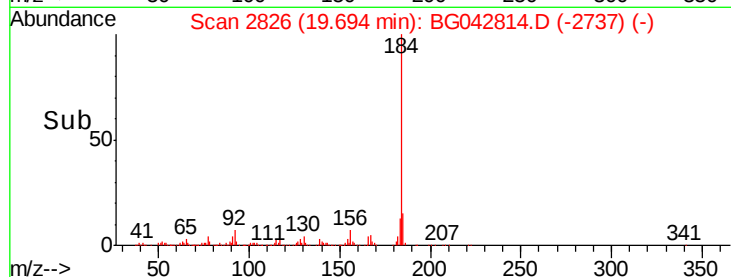
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 40.522 ng

RT: 19.88 min Scan# 2858

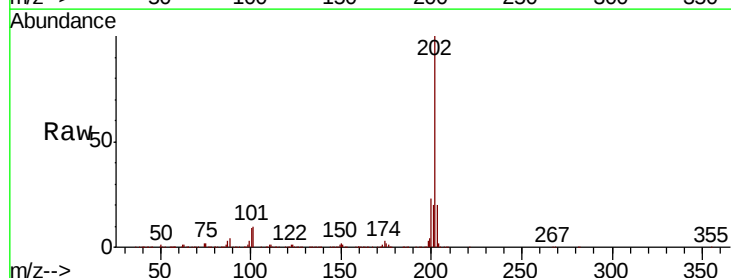
Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Tgt Ion:202 Resp: 1368133

Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.5	27.7
203	19.5	15.3	22.9

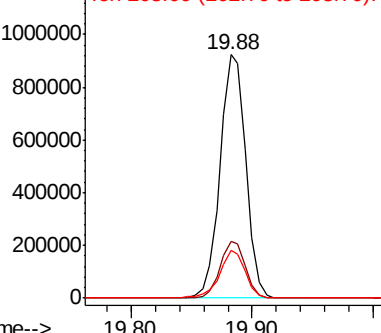


Abundance

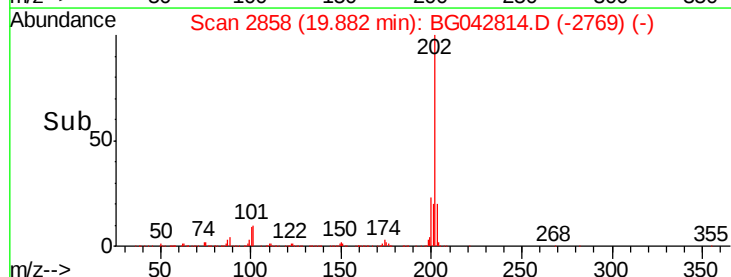
Ion 202.00 (201.70 to 202.70): E

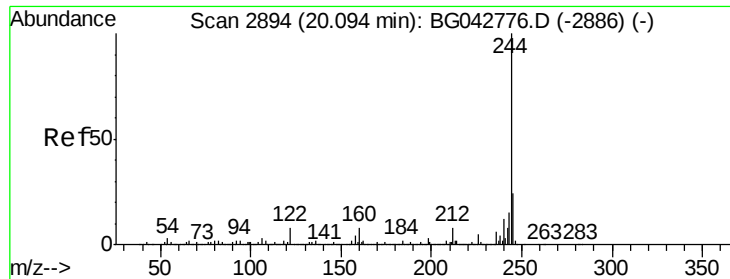
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 69.794 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

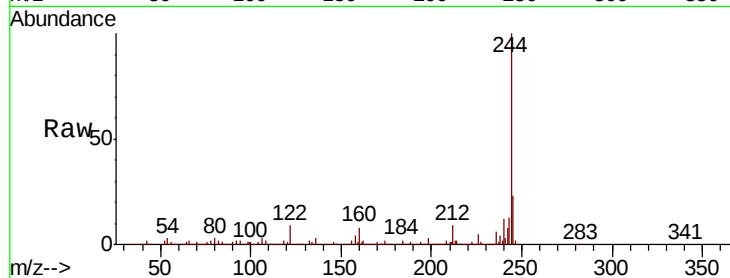
Tot Ion:244 Resp: 1698288

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

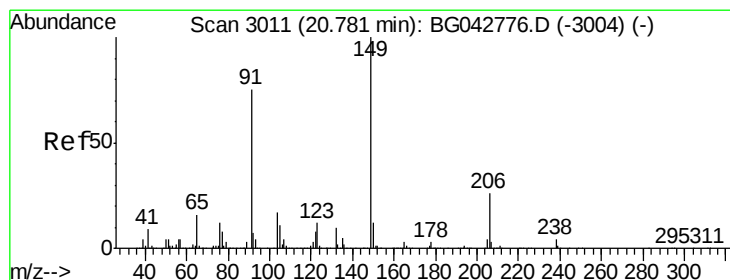
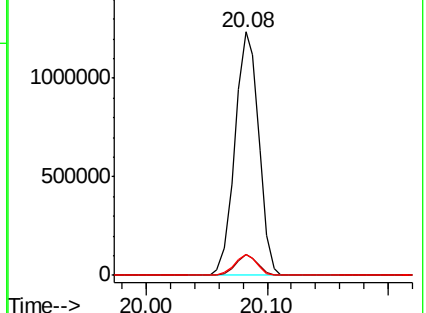
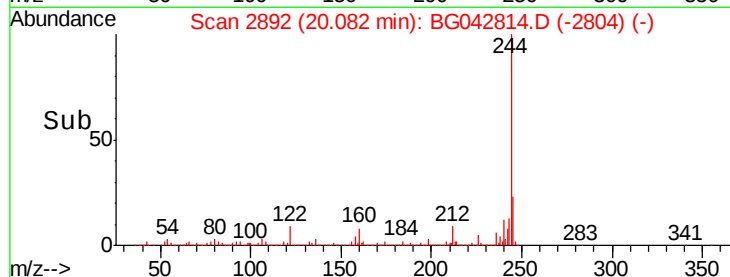
122 8.7 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.267 ng

RT: 20.78 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

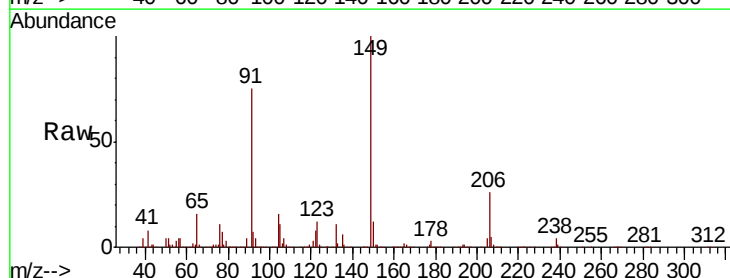
Tgt Ion:149 Resp: 550218

Ion Ratio Lower Upper

149 100

91 75.1 60.2 90.2

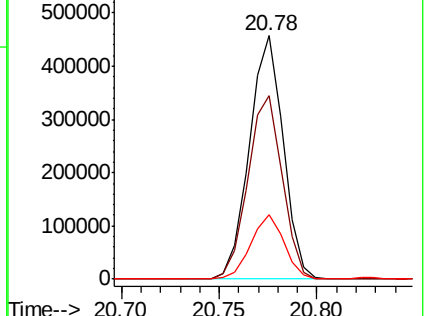
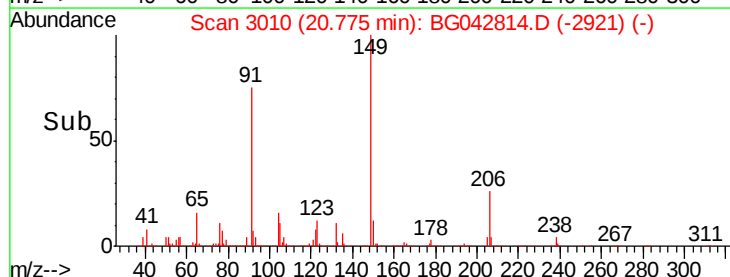
206 26.2 20.6 30.8

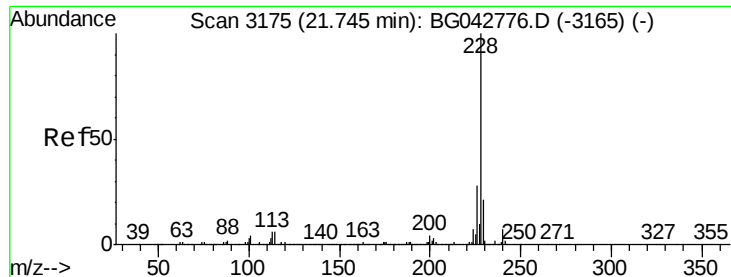


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.477 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

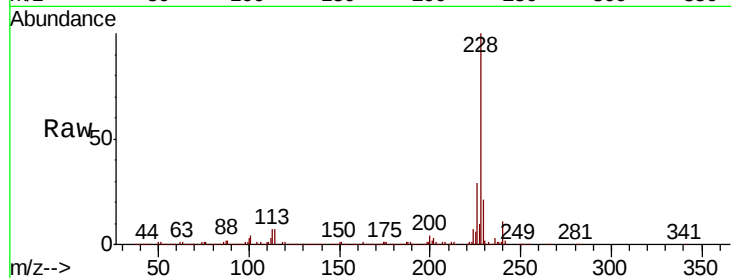
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1387923

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.5	33.7
229	21.5	17.2	25.8

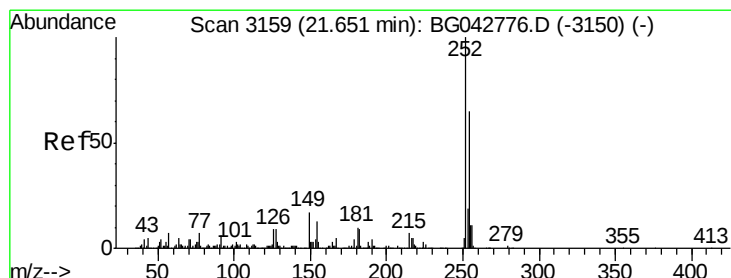
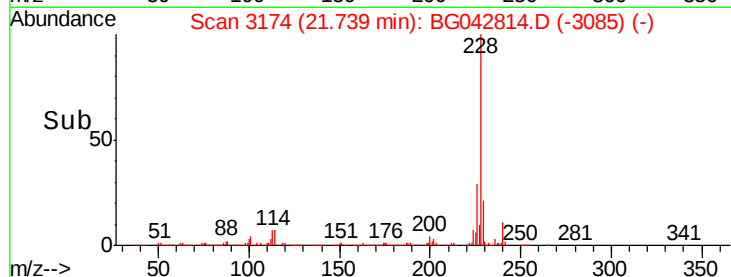
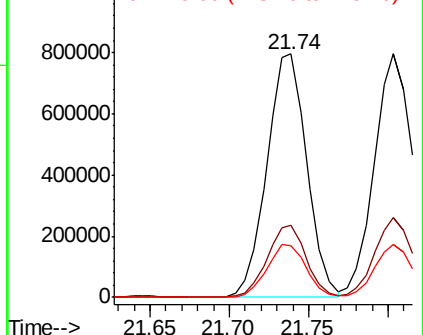


Abundance

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: 29.844 ng

RT: 21.65 min Scan# 3158

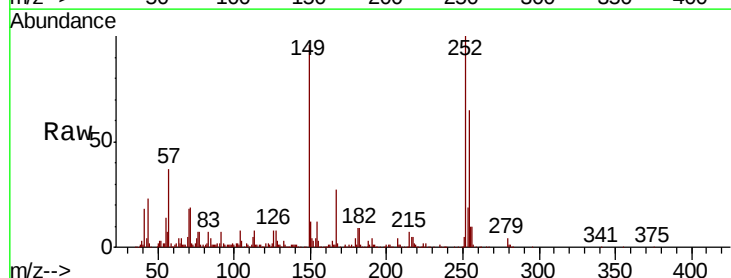
Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Tgt Ion:252 Resp: 397672

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.2	78.2
126	8.5	7.0	10.4

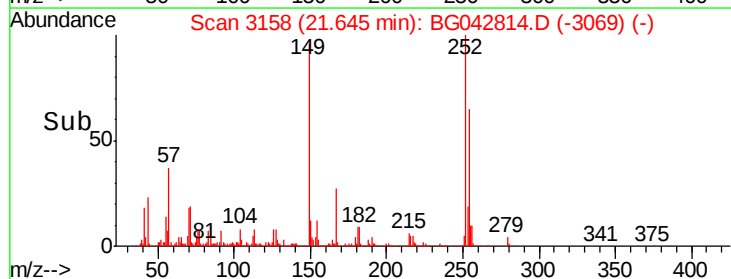
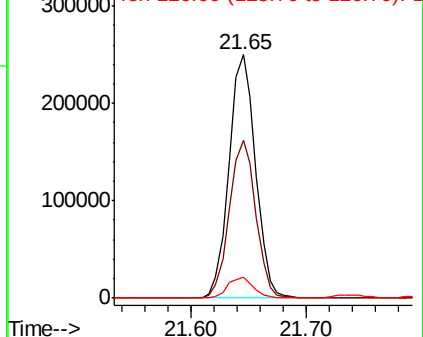


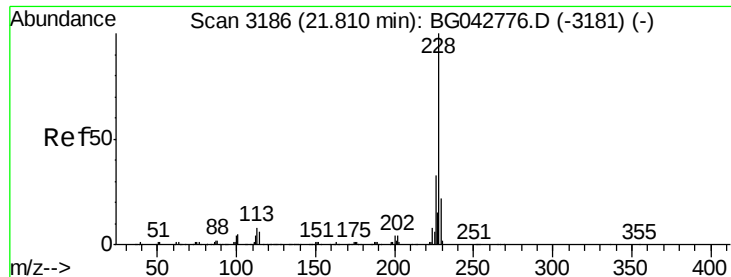
Abundance

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: 40.893 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampled :

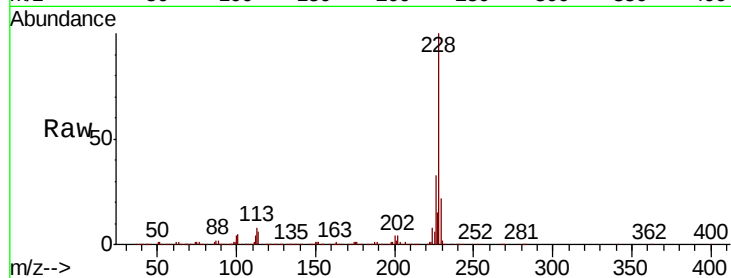
Tot Ion:228 Resp: 1328165

Ion	Ratio	Lower	Upper
228	100		
226	32.5	26.0	39.0
229	21.9	17.1	25.7

228 100

226 32.5 26.0 39.0

229 21.9 17.1 25.7

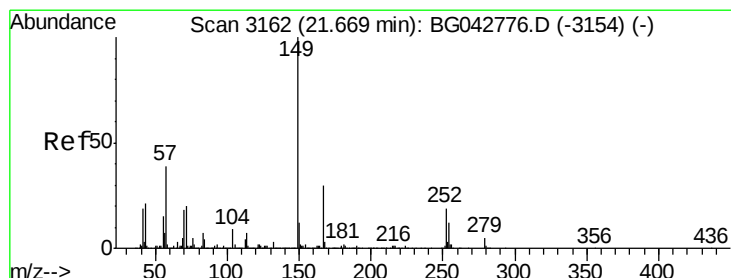
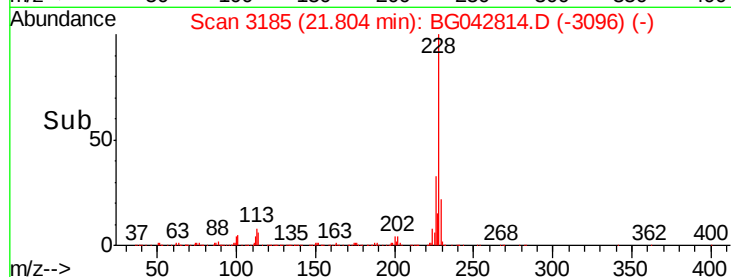
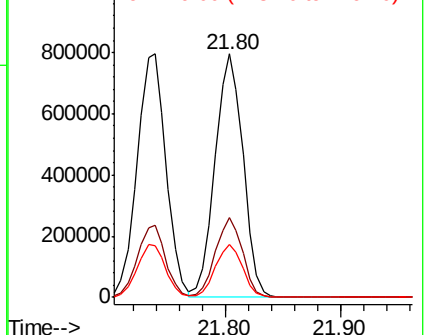


Abundance

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: 41.593 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

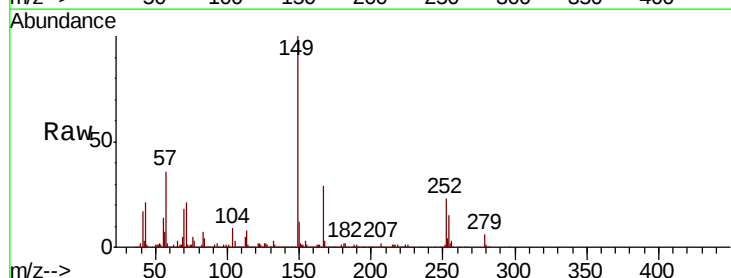
Tgt Ion:149 Resp: 776558

Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.3	36.5
279	5.9	4.2	6.4

149 100

167 29.2 24.3 36.5

279 5.9 4.2 6.4

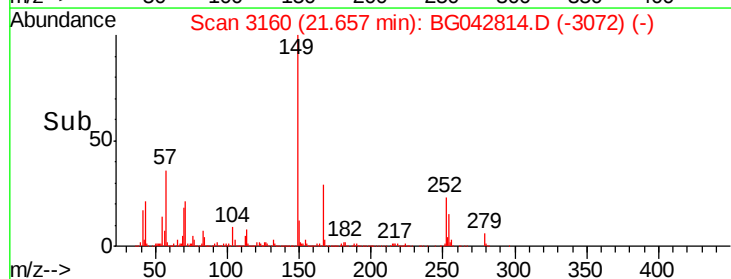
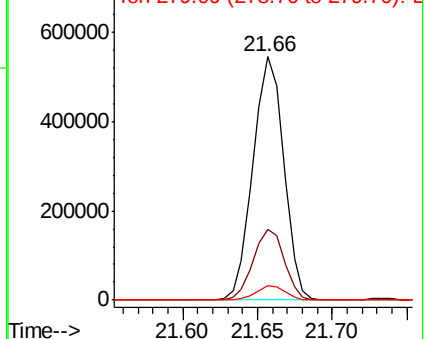


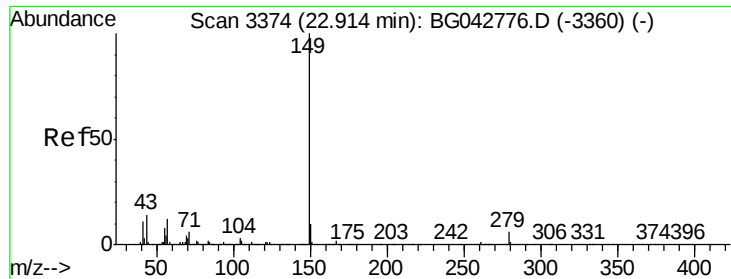
Abundance

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: 41.753 ng

RT: 22.90 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

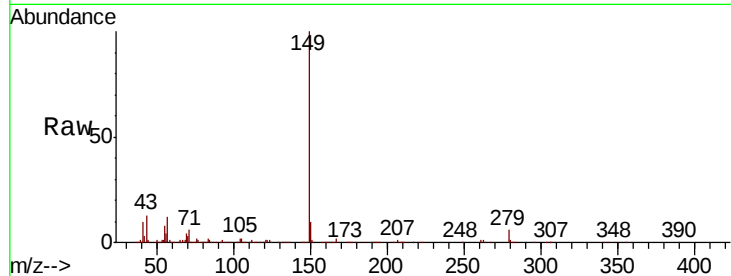
Tot Ion:149 Resp: 1328915

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

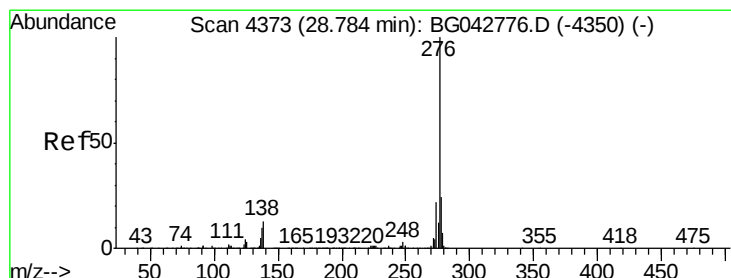
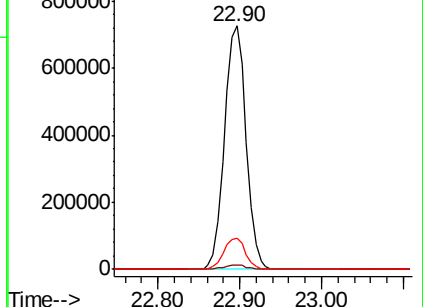
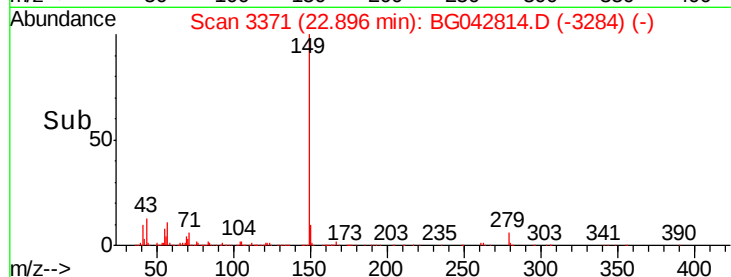
43 12.9 10.6 15.8



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: 41.341 ng

RT: 28.76 min Scan# 4369

Delta R.T. -0.02 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

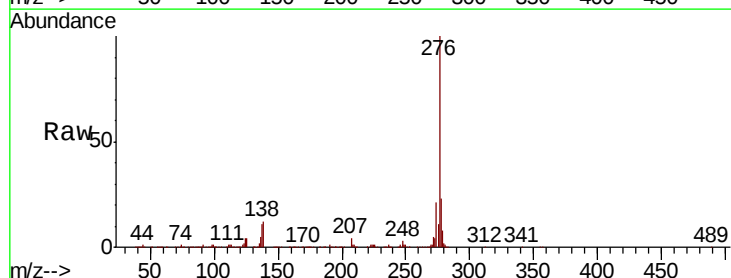
Tgt Ion:276 Resp: 1662780

Ion Ratio Lower Upper

276 100

138 6.3 9.3 13.9#

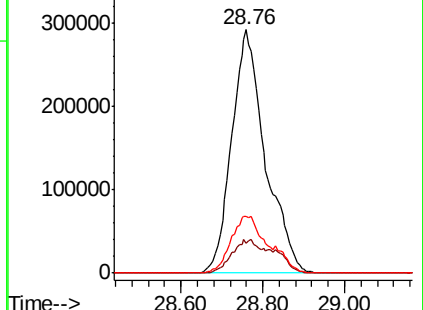
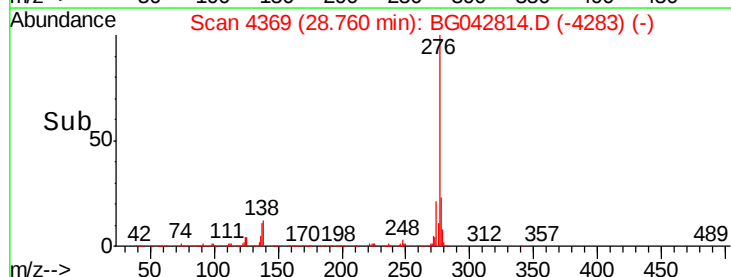
277 22.2 17.2 25.8

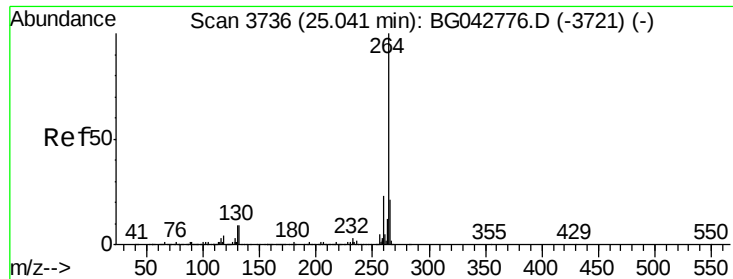


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

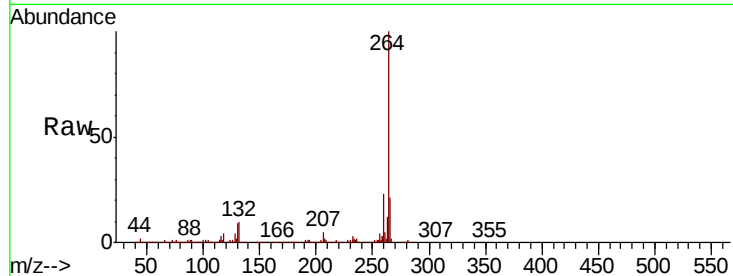
Tot Ion:264 Resp: 590304

Ion Ratio Lower Upper

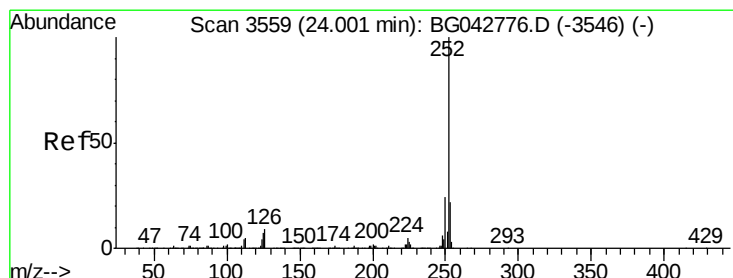
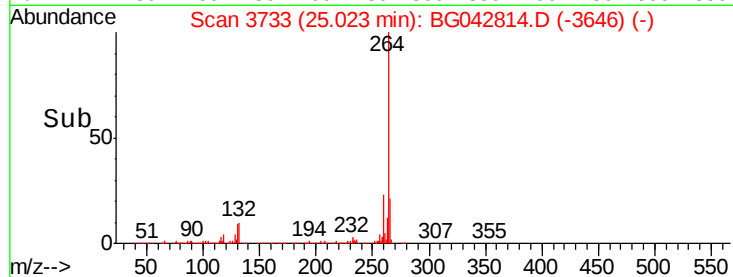
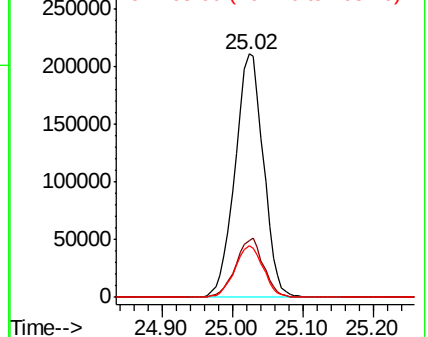
264 100

260 23.3 18.2 27.2

265 21.2 16.9 25.3



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: 42.387 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

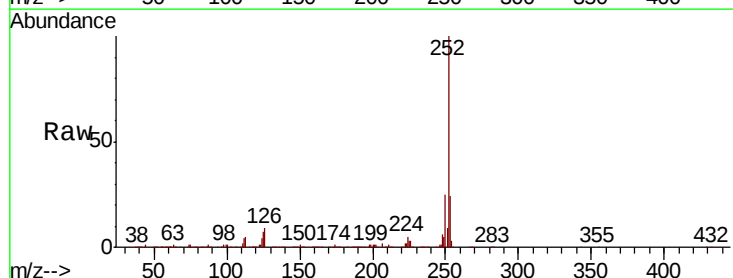
Tgt Ion:252 Resp: 1469187

Ion Ratio Lower Upper

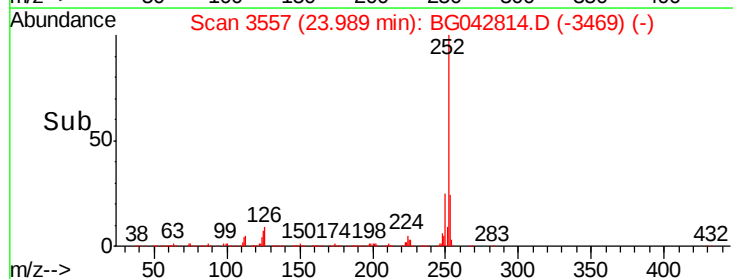
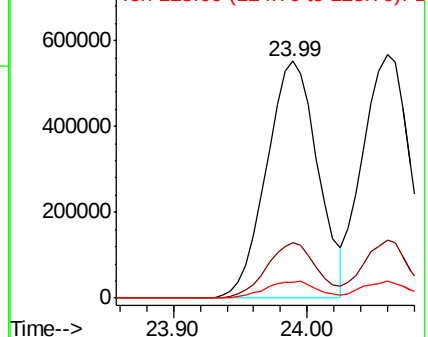
252 100

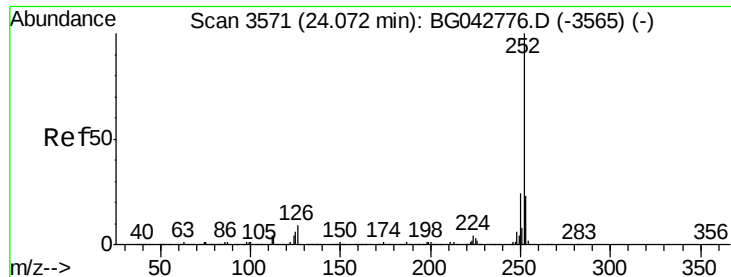
253 23.6 17.9 26.9

125 6.7 5.6 8.4



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: 42.295 ng

RT: 24.06 min Scan# 3569

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

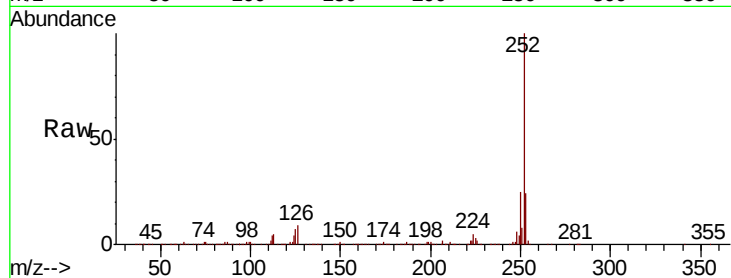
Tot Ion:252 Resp: 1384829

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.4

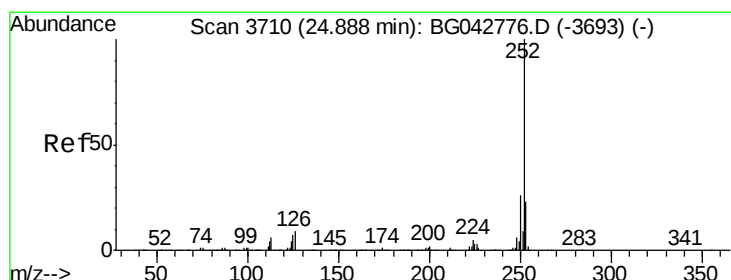
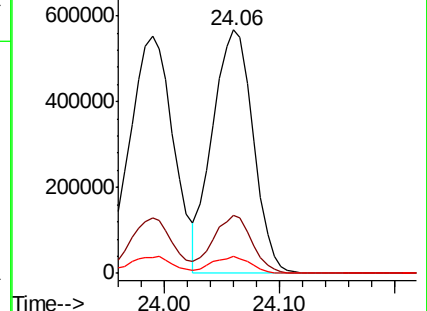
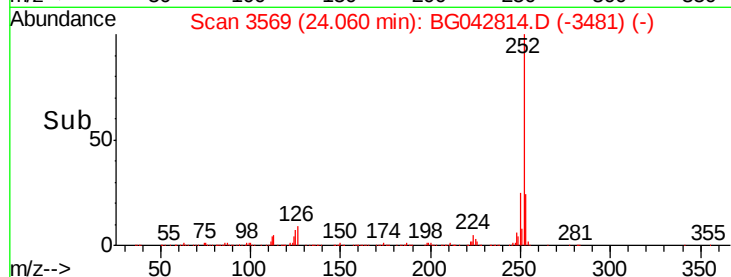
125 7.1 5.3 7.9



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: 43.591 ng

RT: 24.88 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

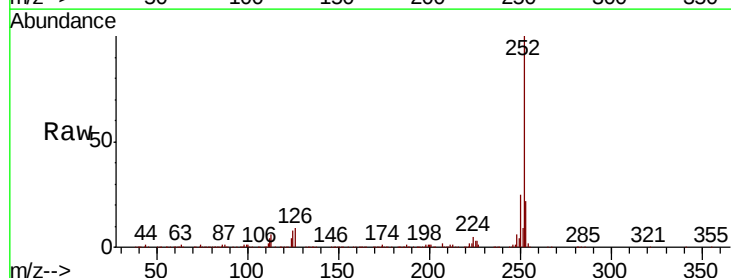
Tgt Ion:252 Resp: 1414761

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

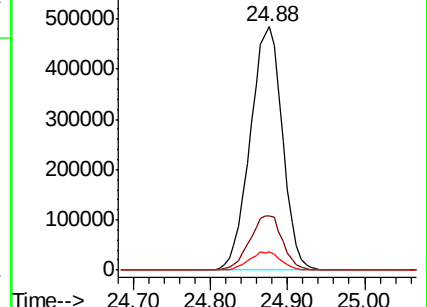
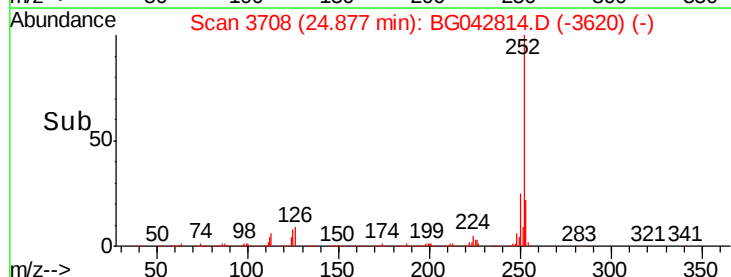
125 7.6 5.7 8.5

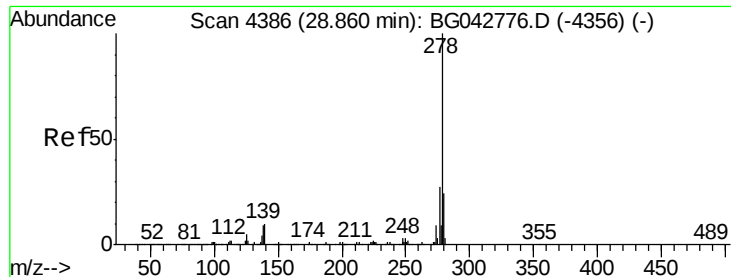


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

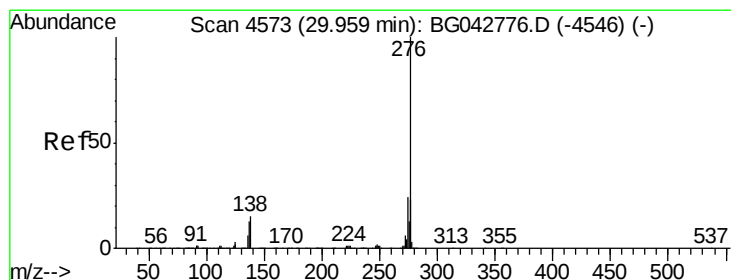
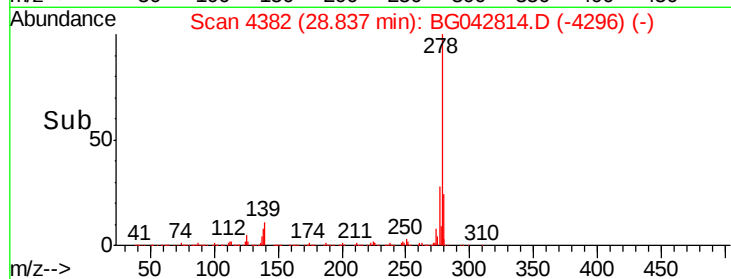
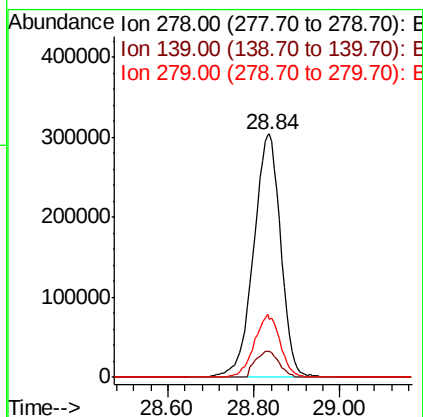
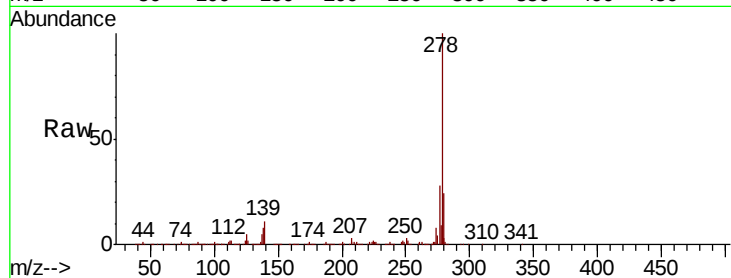




#91
Dibenzo(a,h)anthracene
Concen: 42.835 ng
RT: 28.84 min Scan# 4382
Delta R.T. -0.02 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1367369
Ion Ratio Lower Upper
278 100
139 10.6 8.2 12.2
279 23.9 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 43.554 ng
RT: 29.92 min Scan# 4567
Delta R.T. -0.04 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion:276 Resp: 1356107
Ion Ratio Lower Upper
276 100
277 23.3 18.4 27.6
138 14.6 11.8 17.8

