

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042823.D
 Acq On : 13 Sep 2019 19:11
 Operator : HP/JU
 Sample : K4846-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 22:58:37 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	87077	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	344700	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	232317	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	535653	20.00	ng	0.00
76) Chrysene-d12	21.76	240	518340	20.00	ng	0.00
87) Perylene-d12	25.03	264	582842	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	446621	89.17	ng	0.00
7) Phenol-d6	7.27	99	670361	93.25	ng	0.00
23) Nitrobenzene-d5	9.27	82	408844	61.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	266589	86.25	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	854402	58.22	ng	0.00
79) Terphenyl-d14	20.08	244	1396288	59.70	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	75753	33.140	ng	96
3) Pyridine	3.98	79	207917	30.210	ng	98
4) n-Nitrosodimethylamine	3.89	42	124117	37.062	ng	92
6) Aniline	7.44	93	293058	30.214	ng	97
8) 2-Chlorophenol	7.68	128	241932	44.686	ng	97
9) Benzaldehyde	7.25	77	171425	36.643	ng	99
10) Phenol	7.30	94	354034	48.020	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	233219	41.218	ng	98
12) 1,3-Dichlorobenzene	8.01	146	257504	38.995	ng	99
13) 1,4-Dichlorobenzene	8.15	146	263035	39.786	ng	98
14) 1,2-Dichlorobenzene	8.48	146	245427	38.999	ng	97
15) Benzyl Alcohol	8.35	79	259130	42.002	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	469741	37.805	ng	99
17) 2-Methylphenol	8.55	107	215961	43.784	ng	98
18) Hexachloroethane	9.21	117	95880	39.282	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	208288	39.320	ng	94
20) 3+4-Methylphenols	8.88	107	297808	43.801	ng	97
22) Acetophenone	8.94	105	363100	41.709	ng	99
24) Nitrobenzene	9.32	77	308796	44.434	ng	98
25) Isophorone	9.85	82	561250	40.668	ng	98
26) 2-Nitrophenol	10.03	139	135723	49.665	ng	96
27) 2,4-Dimethylphenol	10.09	122	240986	49.852	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	315314	40.970	ng	98
29) 2,4-Dichlorophenol	10.56	162	249487	44.413	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	275951	40.235	ng	95
31) Naphthalene	10.98	128	716079	42.075	ng	99
32) Benzoic acid	10.21	122	174186	44.979	ng	97
33) 4-Chloroaniline	11.07	127	184275	23.166	ng	99
34) Hexachlorobutadiene	11.27	225	183638	38.216	ng	99
35) Caprolactam	11.84	113	54914	26.288	ng	87
36) 4-Chloro-3-methylphenol	12.19	107	280264	45.950	ng	95
37) 2-Methylnaphthalene	12.57	142	541049	42.439	ng	98
38) 1-Methylnaphthalene	12.79	142	507058	42.406	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	324920	42.325	ng	98

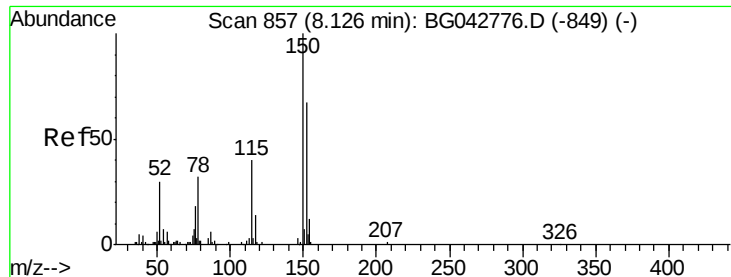
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	420455	95.605	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	228090	44.628	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	249532	47.666	ng	95
46) 1,1'-Biphenyl	13.57	154	717174	44.097	ng	99
47) 2-Chloronaphthalene	13.61	162	560658	41.673	ng	99
48) 2-Nitroaniline	13.81	65	206280	44.199	ng	93
49) Acenaphthylene	14.46	152	893989	43.483	ng	98
50) Dimethylphthalate	14.19	163	766198	44.026	ng	99
51) 2,6-Dinitrotoluene	14.30	165	160740	45.012	ng	96
52) Acenaphthene	14.80	154	619263	46.105	ng	99
53) 3-Nitroaniline	14.62	138	137867	34.399	ng	# 95
54) 2,4-Dinitrophenol	14.83	184	160266	91.166	ng	# 73
55) Dibenzofuran	15.13	168	858031	42.978	ng	98
56) 4-Nitrophenol	14.92	139	286244	92.372	ng	98
57) 2,4-Dinitrotoluene	15.08	165	222507	46.746	ng	# 98
58) Fluorene	15.78	166	714416	43.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	242648	47.815	ng	# 98
60) Diethylphthalate	15.55	149	707070	40.025	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	404915	41.390	ng	98
62) 4-Nitroaniline	15.79	138	186208	43.103	ng	99
63) Azobenzene	16.06	77	724345	42.580	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	121922	53.195	ng	94
66) n-Nitrosodiphenylamine	15.98	169	638395	44.290	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	271822	41.926	ng	99
68) Hexachlorobenzene	16.79	284	278959	40.267	ng	98
69) Atrazine	16.93	200	251641	50.133	ng	98
70) Pentachlorophenol	17.13	266	392494	95.504	ng	94
71) Phenanthrene	17.52	178	1118829	43.675	ng	100
72) Anthracene	17.61	178	1146101	44.782	ng	100
73) Carbazole	17.87	167	1052528	43.270	ng	97
74) Di-n-butylphthalate	18.44	149	1222903	41.968	ng	99
75) Fluoranthene	19.52	202	1442814	43.458	ng	99
77) Benzidine	19.69	184	770274	53.189	ng	99
78) Pyrene	19.89	202	1447962	44.619	ng	99
80) Butylbenzylphthalate	20.78	149	566758	43.154	ng	99
81) Benzo(a)anthracene	21.73	228	1401247	42.518	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	377430	29.469	ng	97
83) Chrysene	21.80	228	1345679	43.106	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	786301	43.817	ng	98
85) Di-n-octyl phthalate	22.89	149	1344367	43.945	ng	100
86) Indeno(1,2,3-cd)pyrene	28.76	276	1678615	43.421	ng	# 93
88) Benzo(b)fluoranthene	23.99	252	1473242	43.048	ng	99
89) Benzo(k)fluoranthene	24.06	252	1399462	43.290	ng	98
90) Benzo(a)pyrene	24.88	252	1434925	44.778	ng	99
91) Dibenzo(a,h)anthracene	28.84	278	1394779	44.253	ng	100
92) Benzo(g,h,i)perylene	29.94	276	1373853	44.689	ng	97

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

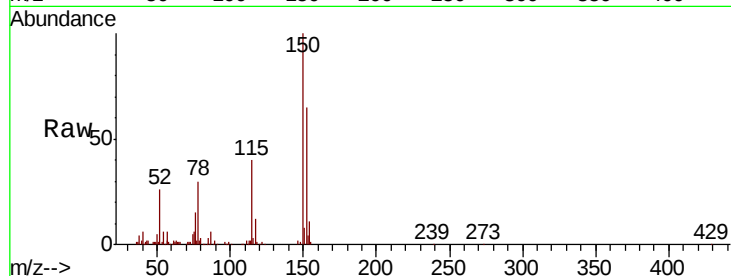


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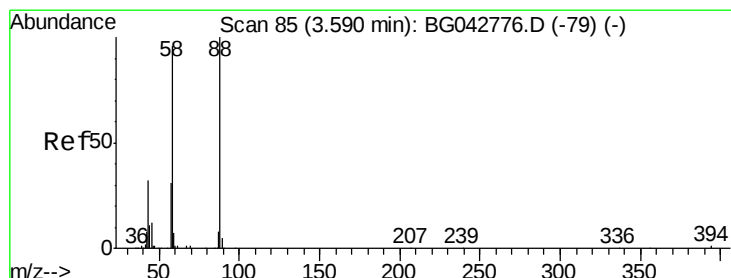
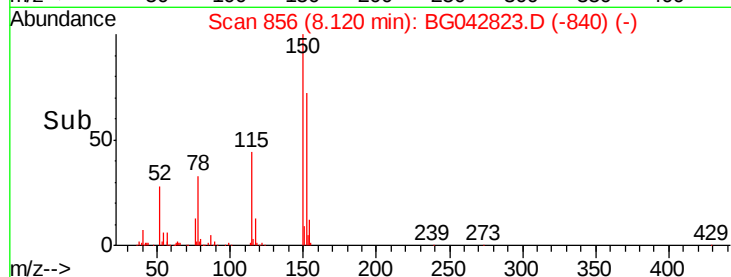
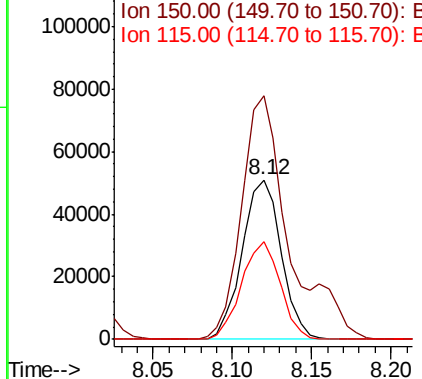
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 87077
Ion Ratio Lower Upper
152 100
150 152.9 118.9 178.3
115 61.0 47.4 71.2



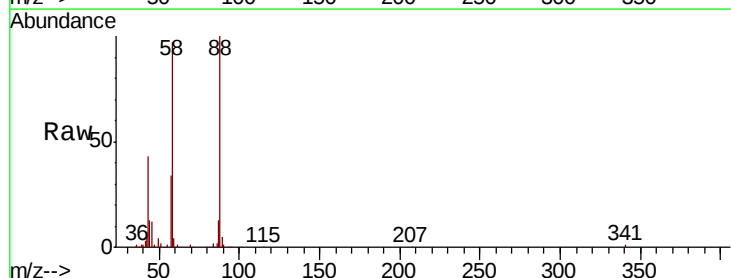
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



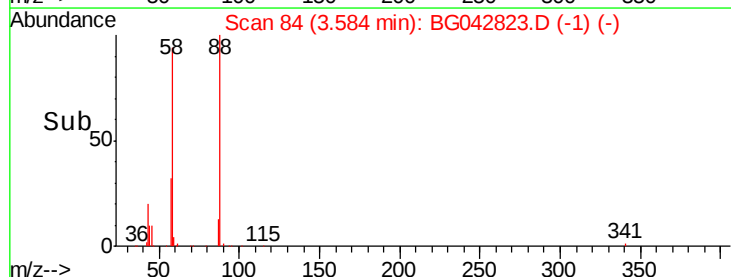
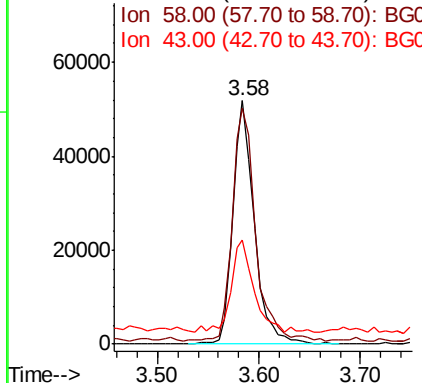
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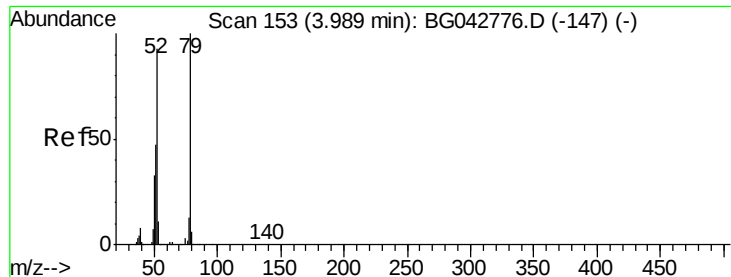
1,4-Dioxane
Concen: 33.140 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion: 88 Resp: 75753
Ion Ratio Lower Upper
88 100
58 102.9 79.1 118.7
43 41.0 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: 30.210 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

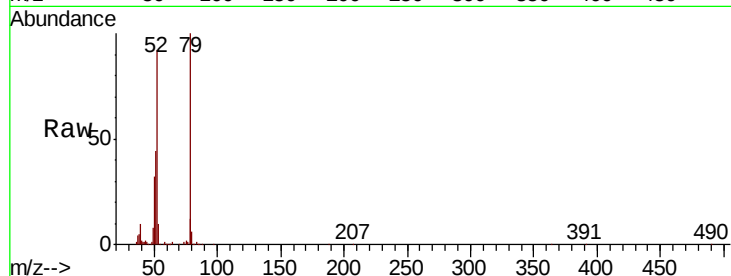
Tot Ion: 79 Resp: 207917

Ion Ratio Lower Upper

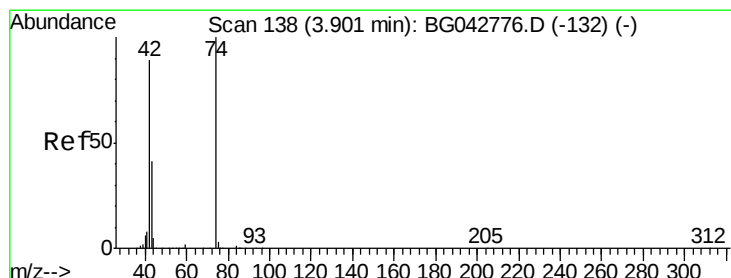
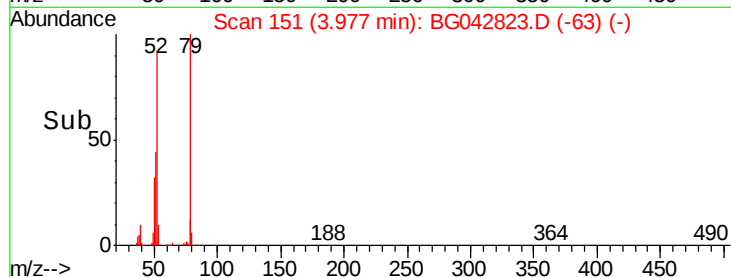
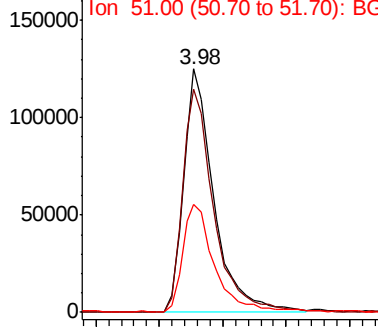
79 100

52 91.5 74.0 111.0

51 44.3 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.062 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

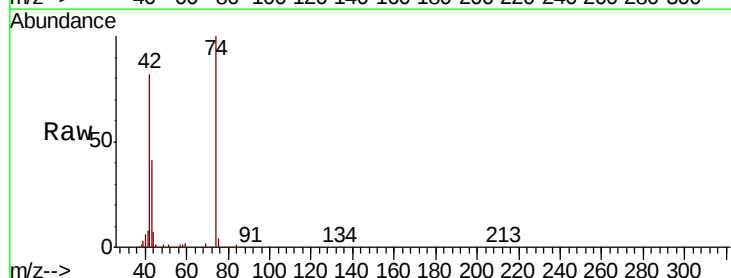
Tgt Ion: 42 Resp: 124117

Ion Ratio Lower Upper

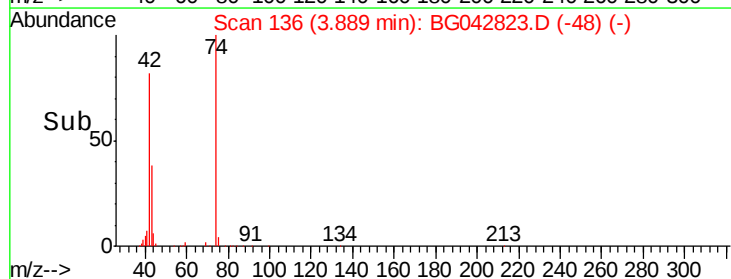
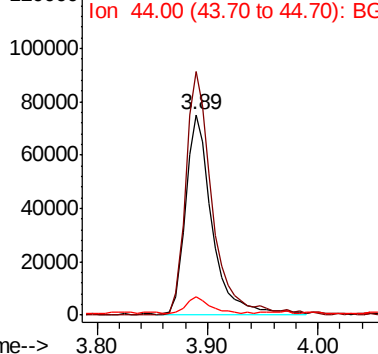
42 100

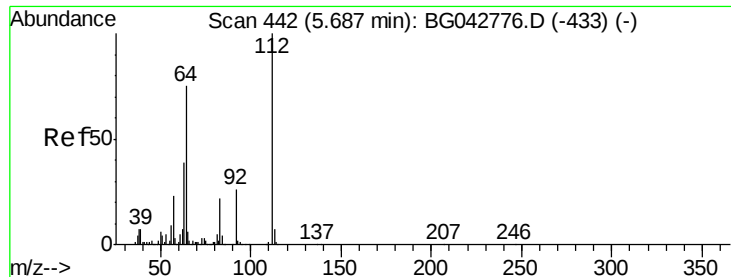
74 121.3 90.2 135.2

44 9.0 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 89.171 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

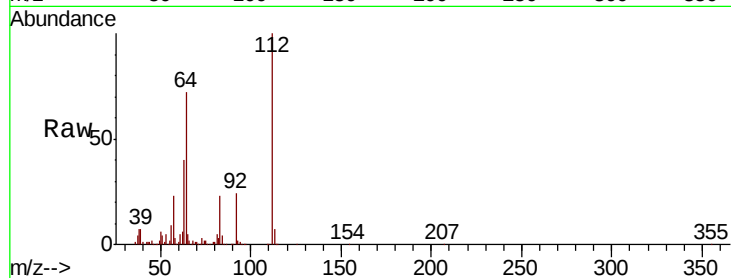
Tot Ion: 112 Resp: 446621

Ion Ratio Lower Upper

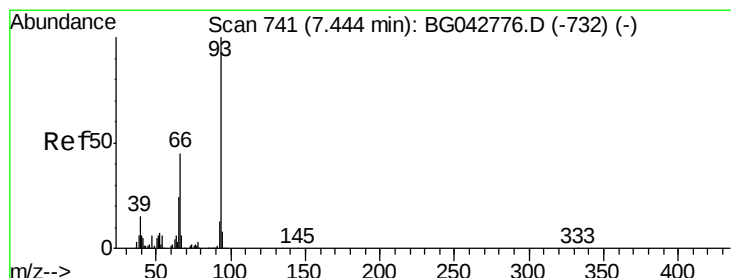
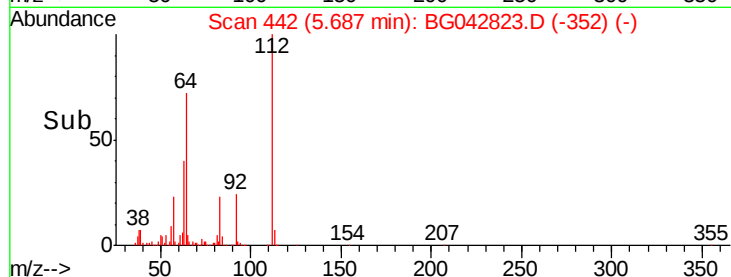
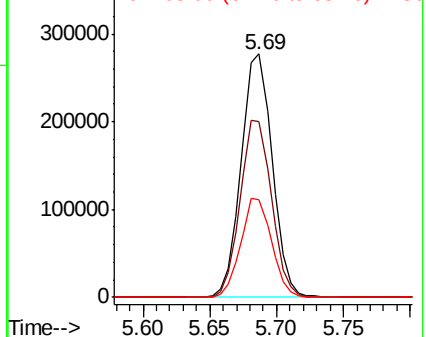
112 100

64 72.3 60.2 90.2

63 40.1 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: 30.214 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

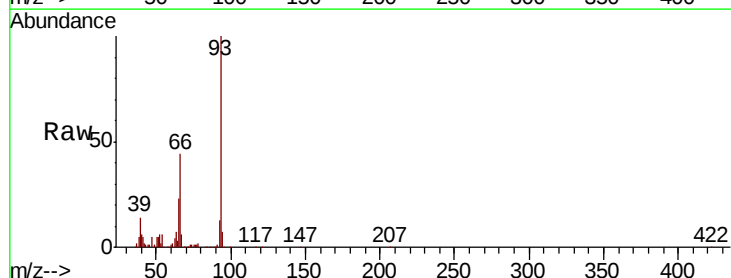
Tgt Ion: 93 Resp: 293058

Ion Ratio Lower Upper

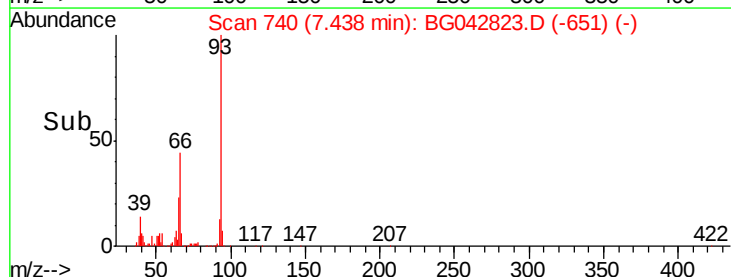
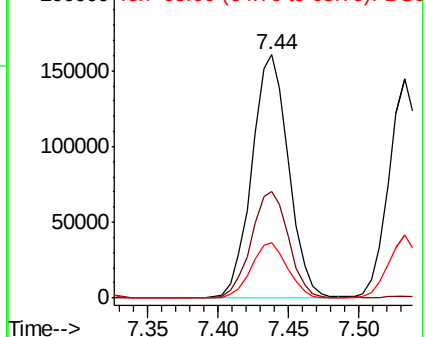
93 100

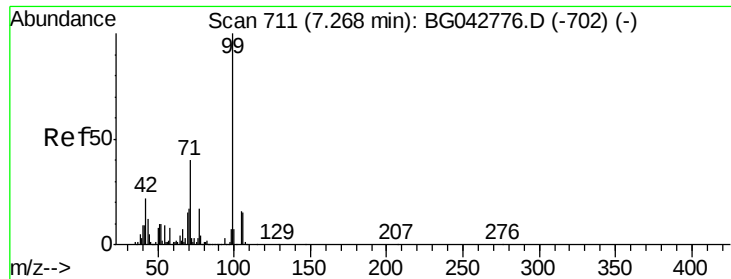
66 43.9 36.3 54.5

65 22.7 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: 93.248 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampled :

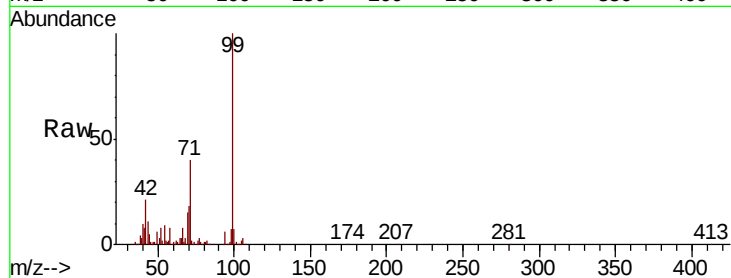
Tot Ion: 99 Resp: 670361

Ion Ratio Lower Upper

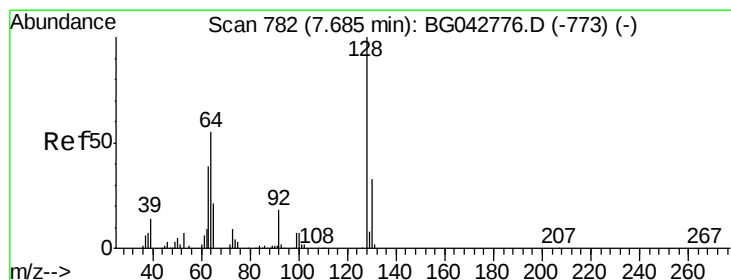
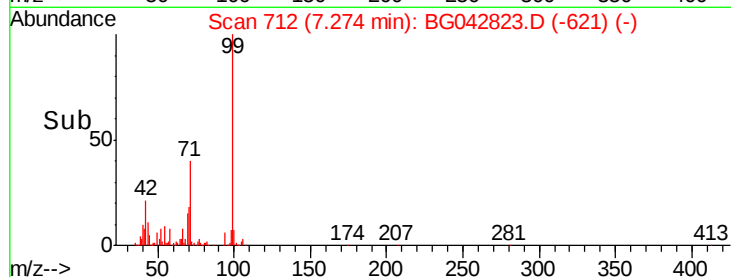
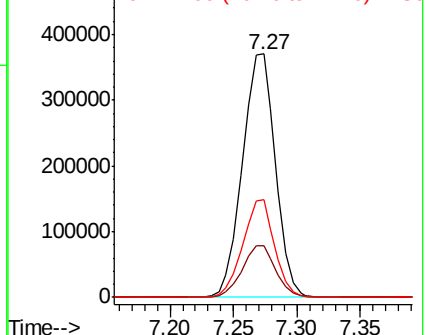
99 100

42 21.3 17.5 26.3

71 39.9 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: 44.686 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

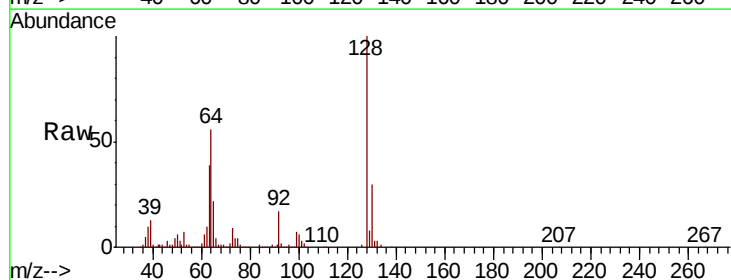
Tgt Ion: 128 Resp: 241932

Ion Ratio Lower Upper

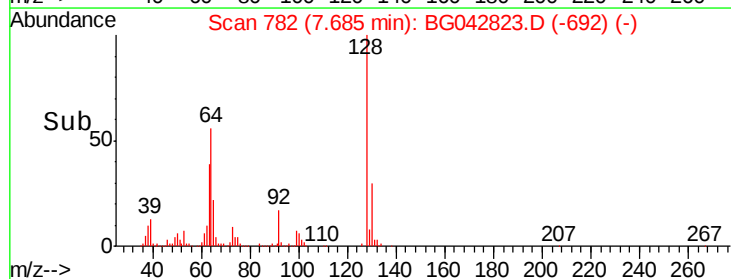
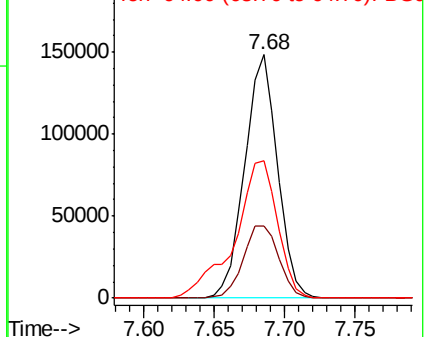
128 100

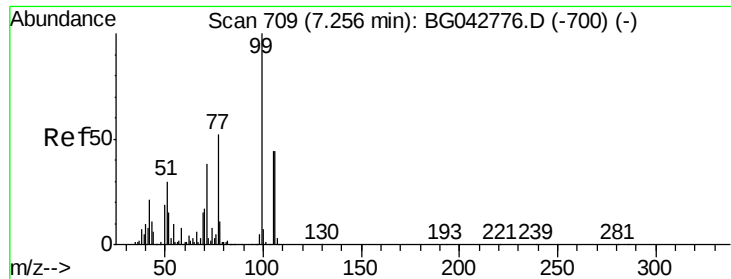
130 29.6 12.8 52.8

64 56.2 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

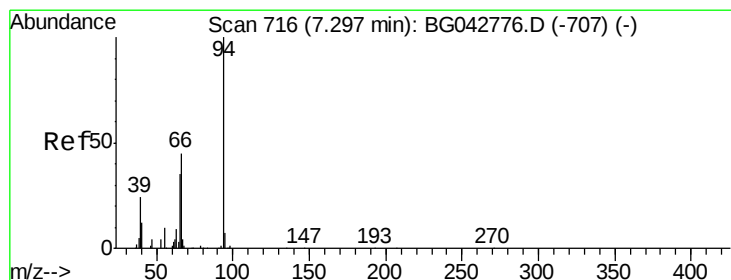
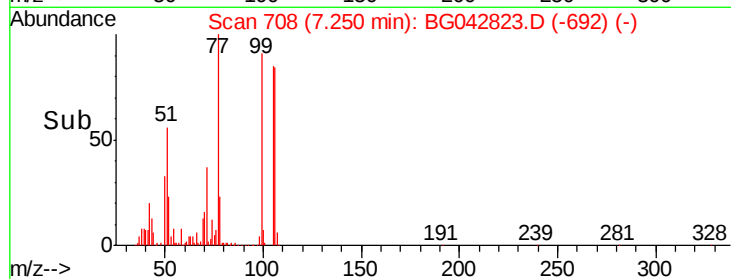
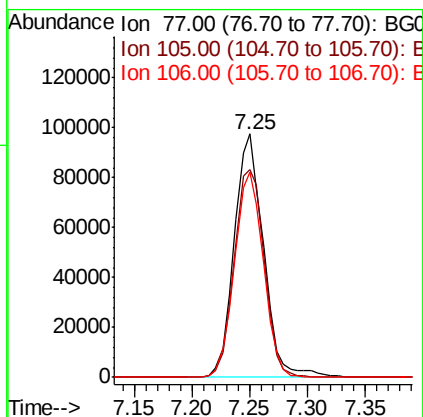
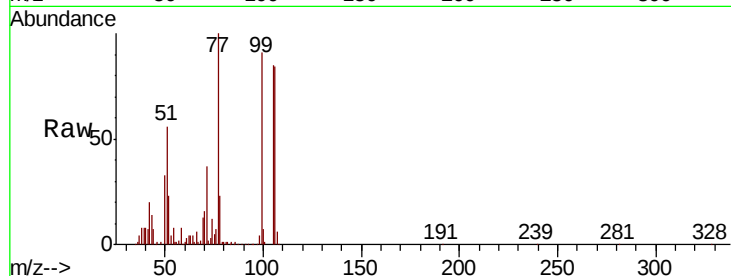




#9
Benzaldehyde
Concen: 36.643 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

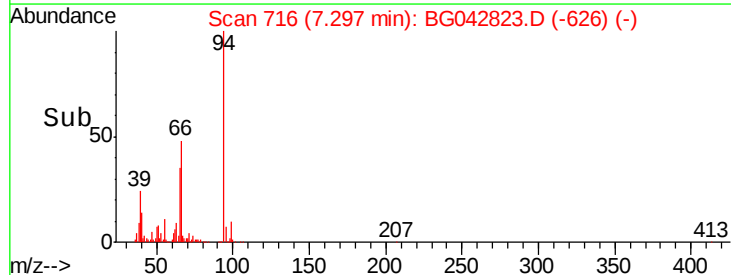
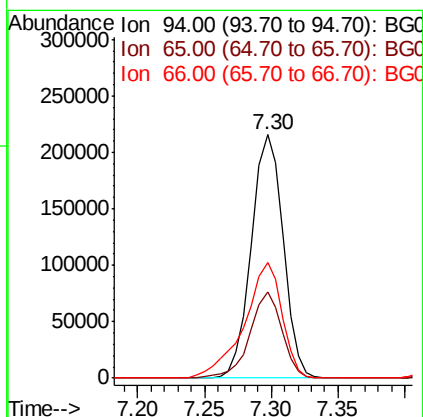
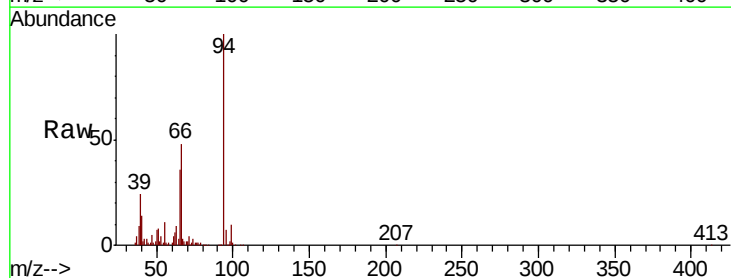
Instrument :
BNA_G
ClientSampleId :

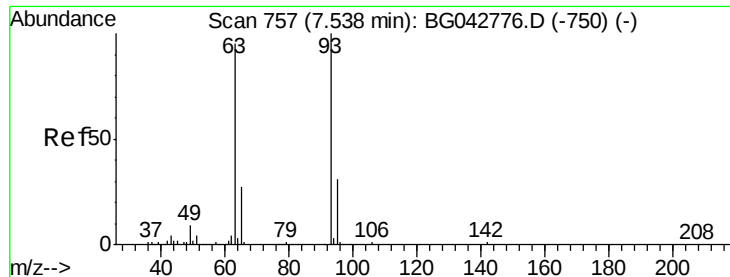
Tot Ion: 77 Resp: 171425
Ion Ratio Lower Upper
77 100
105 85.4 64.5 104.5
106 84.3 63.4 103.4



#10
Phenol
Concen: 48.020 ng
RT: 7.30 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion: 94 Resp: 354034
Ion Ratio Lower Upper
94 100
65 35.5 15.0 55.0
66 47.5 26.1 66.1





#11

bis(2-Chloroethyl)ether

Concen: 41.218 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

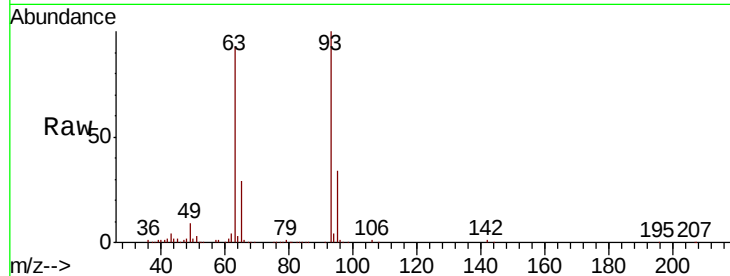
Tot Ion: 93 Resp: 233219

Ion Ratio Lower Upper

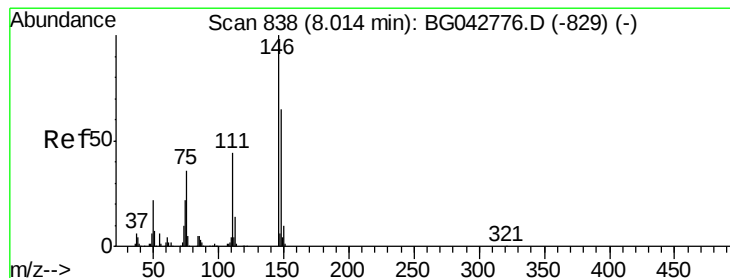
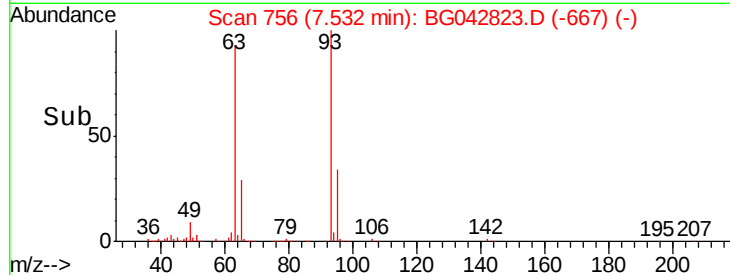
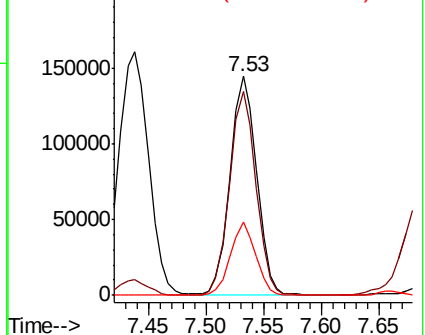
93 100

63 93.3 74.7 114.7

95 33.6 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: 38.995 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

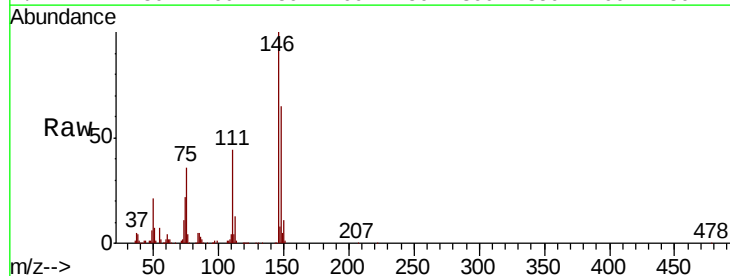
Tgt Ion: 146 Resp: 257504

Ion Ratio Lower Upper

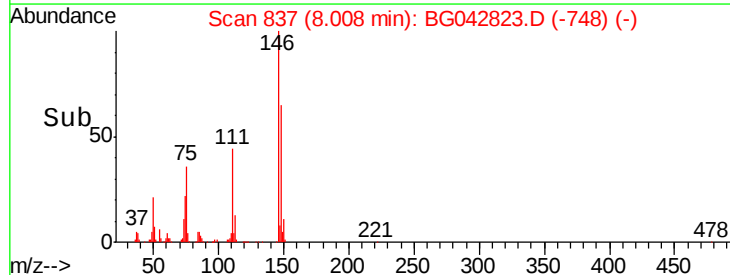
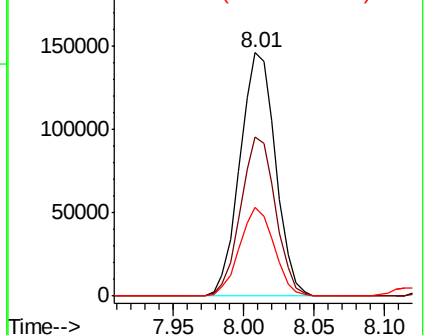
146 100

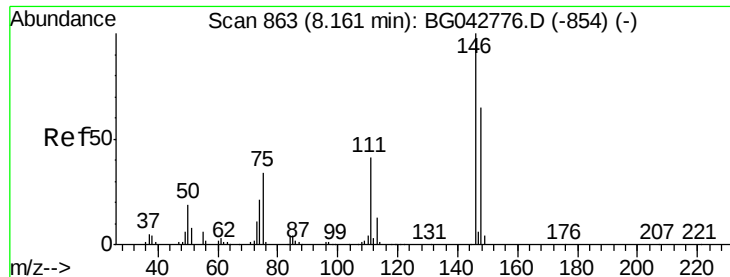
148 65.2 51.9 77.9

75 36.4 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

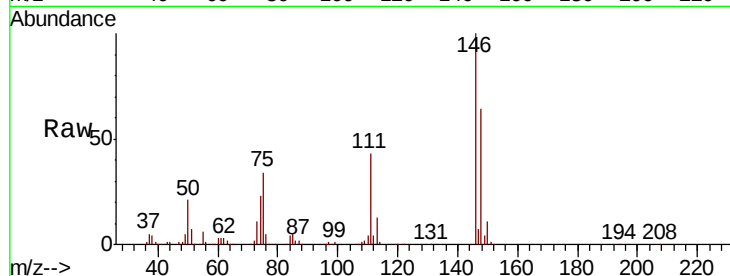




#13
 1,4-Dichlorobenzene
 Concen: 39.786 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
111	42.9	32.6	49.0

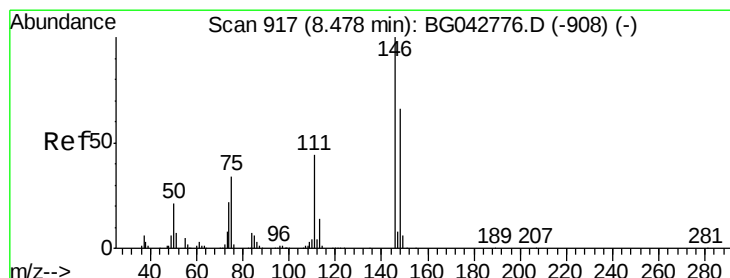
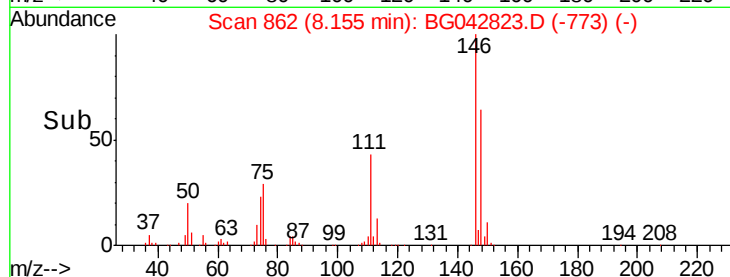
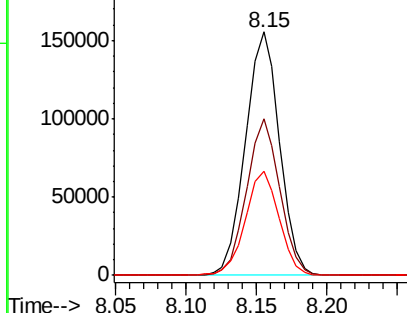


Abundance

Ion 146.00 (145.70 to 146.70): E

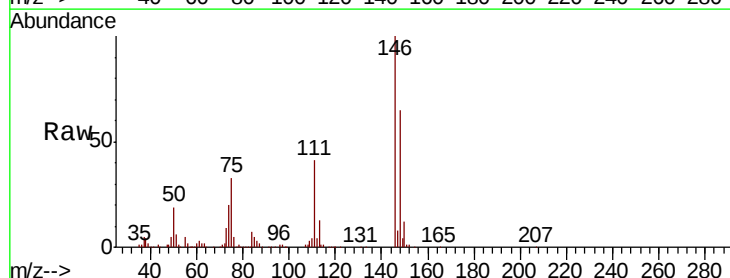
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.999 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.6	78.8
111	41.2	35.3	52.9

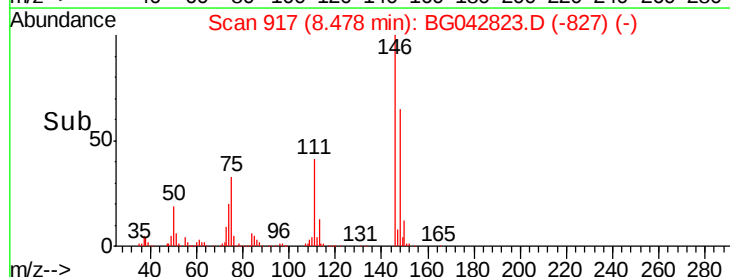
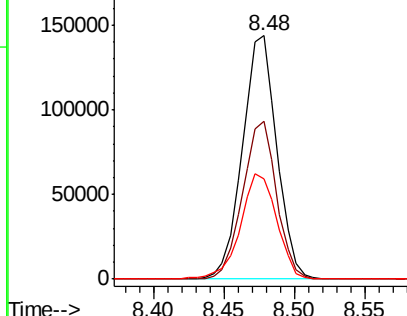


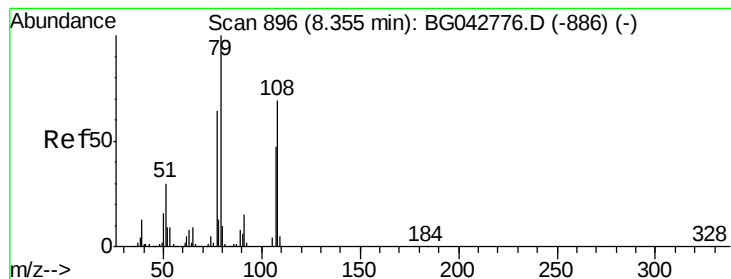
Abundance

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: 42.002 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

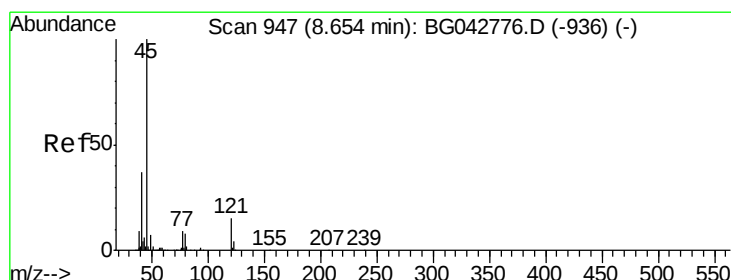
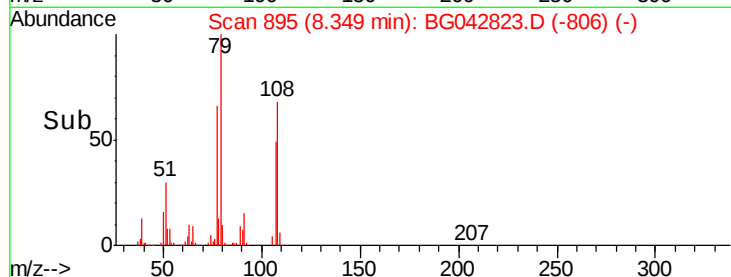
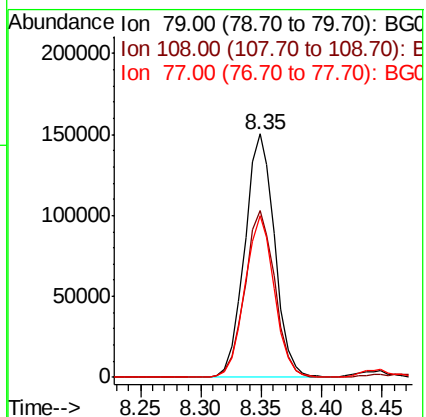
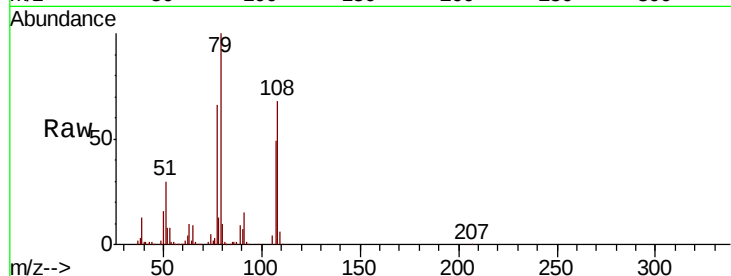
Tot Ion: 79 Resp: 259130

Ion Ratio Lower Upper

79 100

108 68.3 54.9 82.3

77 66.4 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.805 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

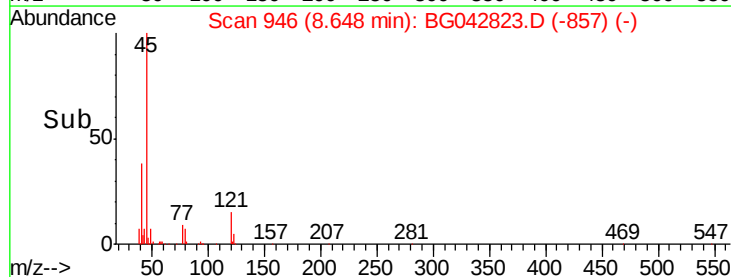
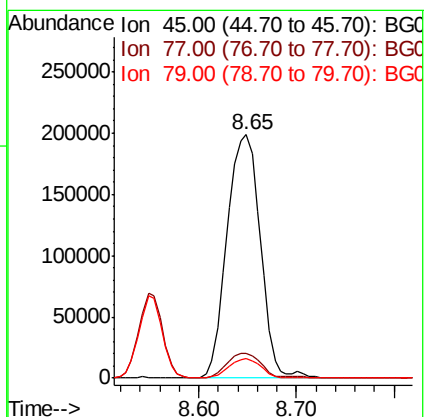
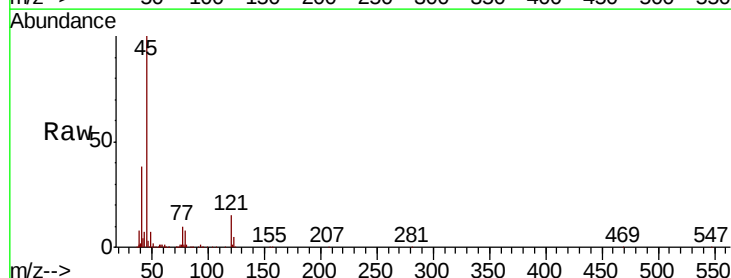
Tgt Ion: 45 Resp: 469741

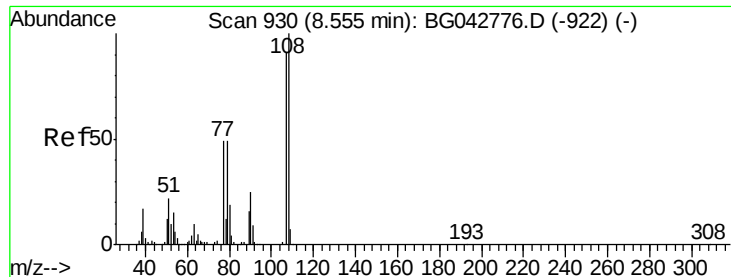
Ion Ratio Lower Upper

45 100

77 10.2 0.0 29.4

79 8.3 0.0 28.4





#17

2-Methylphenol

Concen: 43.784 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 215961

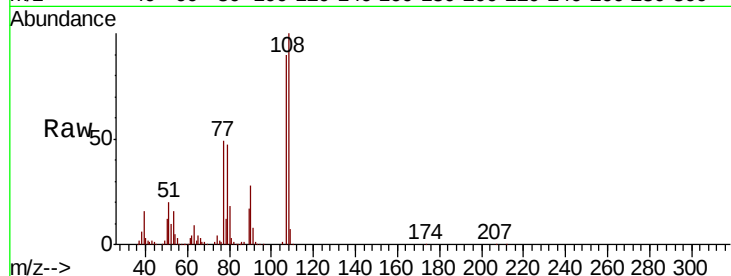
Ion Ratio Lower Upper

107 100

108 110.8 87.7 131.5

77 54.0 42.6 64.0

79 51.7 43.4 65.2

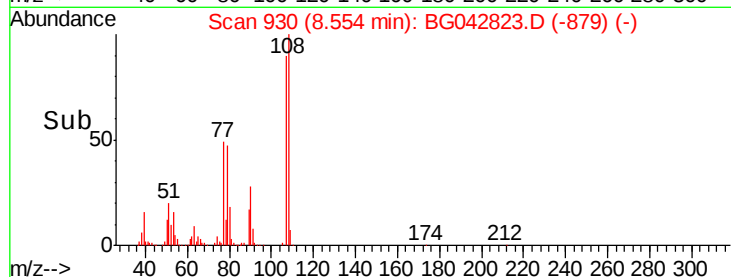


Abundance Ion 107.00 (106.70 to 107.70): E

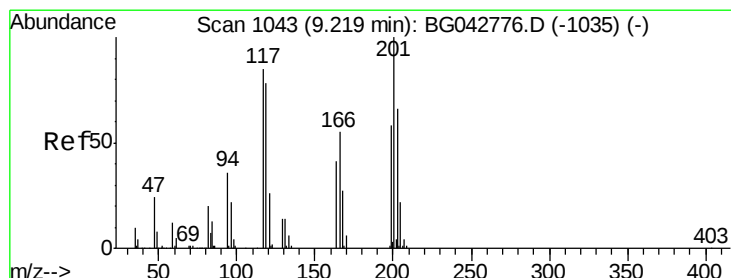
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 39.282 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

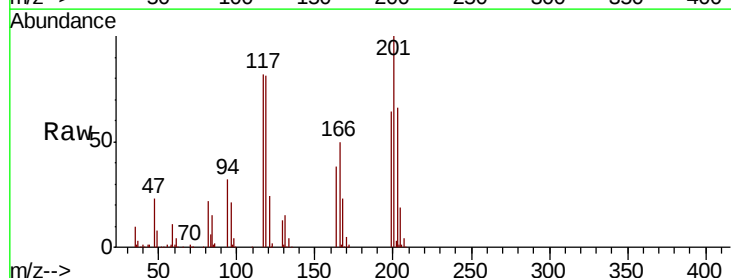
Tgt Ion:117 Resp: 95880

Ion Ratio Lower Upper

117 100

119 98.4 73.8 110.8

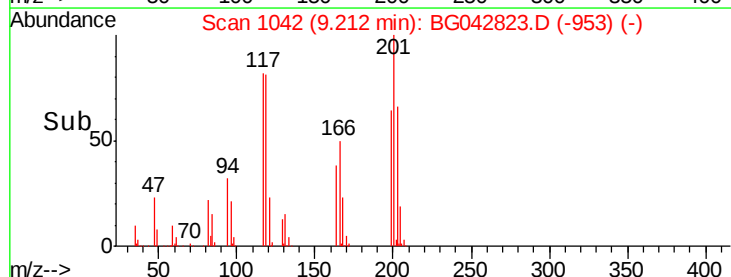
201 122.0 94.6 142.0



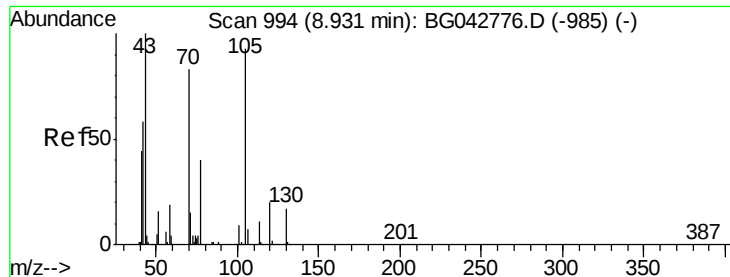
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



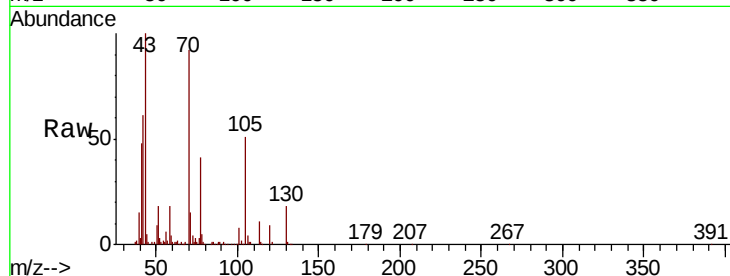
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 39.320 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	208288
Ion	Ratio	Lower	Upper
70	100		
42	65.5	57.0	85.6
101	8.8	8.4	12.6
130	19.0	16.1	24.1



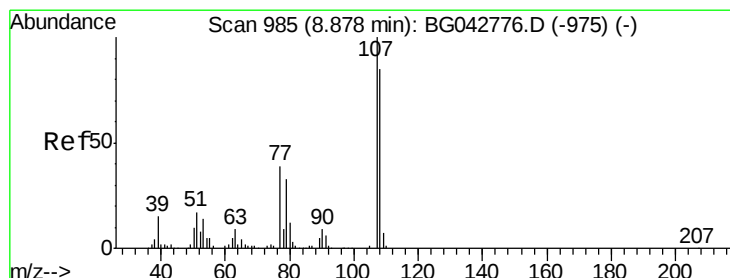
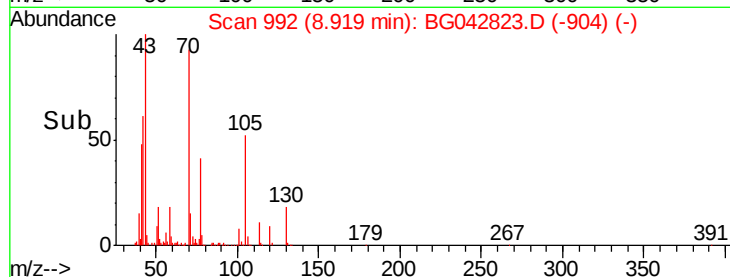
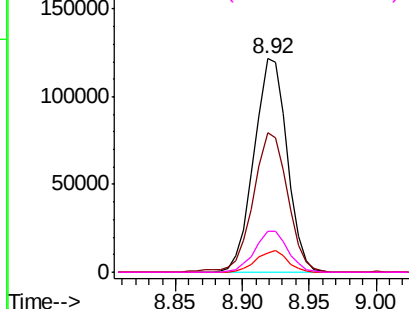
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

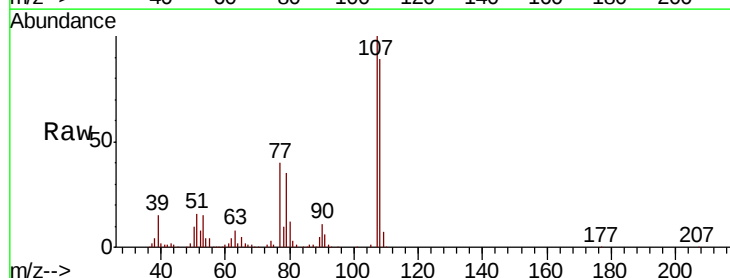
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.801 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion:	107	Resp:	297808
Ion	Ratio	Lower	Upper
107	100		
108	89.4	65.4	105.4
77	39.5	18.7	58.7
79	34.7	13.7	53.7



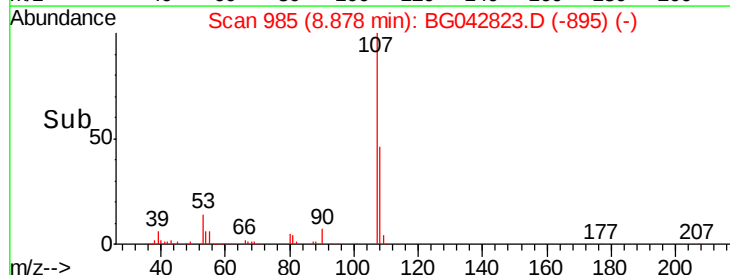
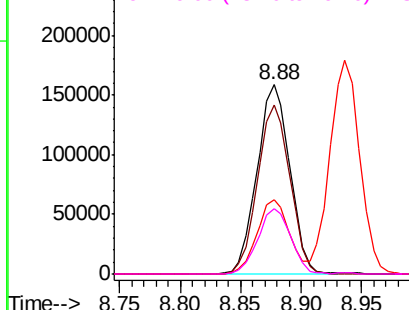
Abundance

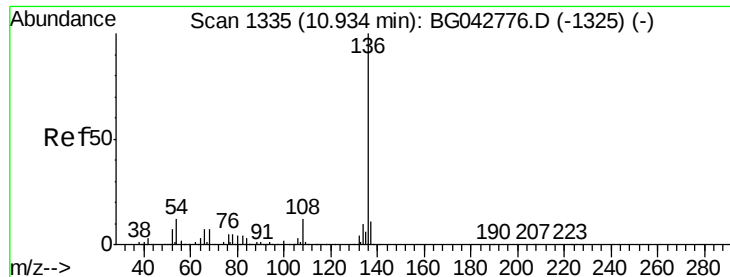
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 344700

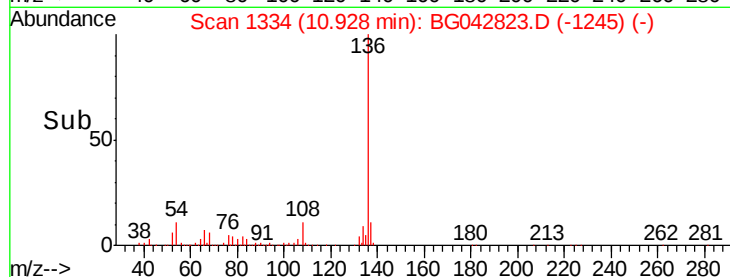
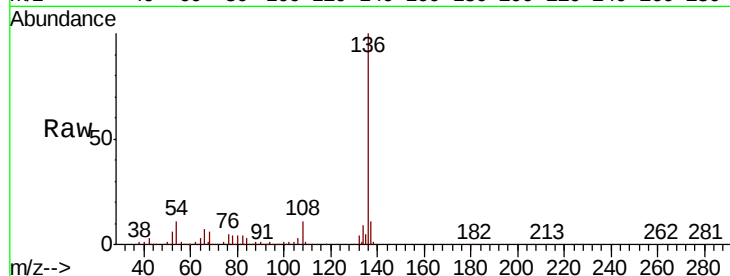
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 10.9 9.4 14.0

68 6.3 5.4 8.2

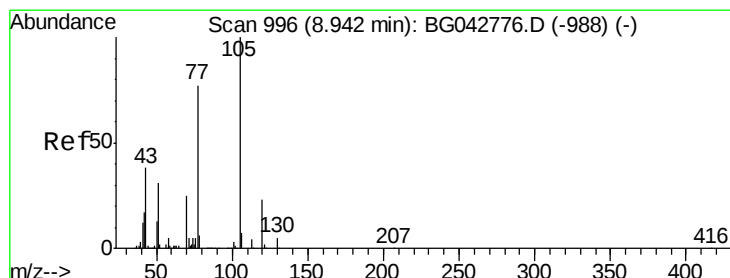
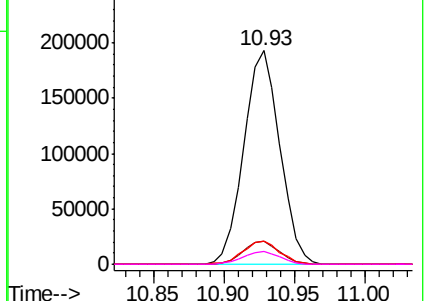


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.709 ng

RT: 8.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Tgt Ion:105 Resp: 363100

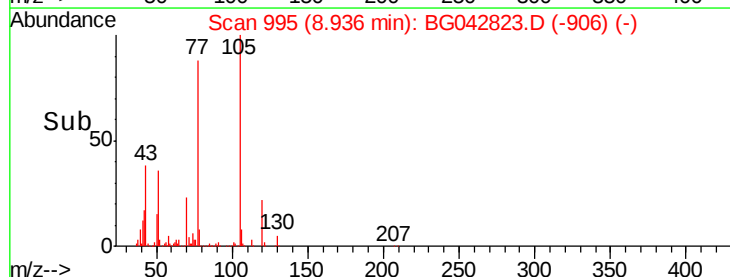
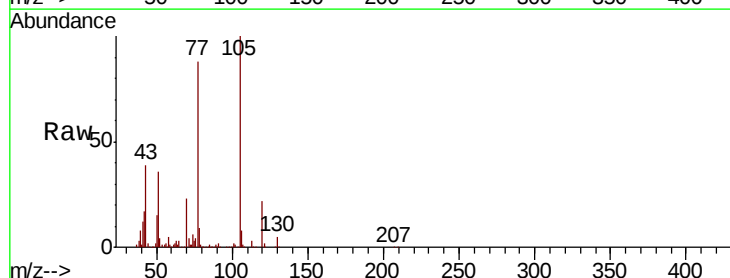
Ion Ratio Lower Upper

105 100

71 3.9 3.7 5.5

51 36.3 28.8 43.2

120 21.7 18.5 27.7

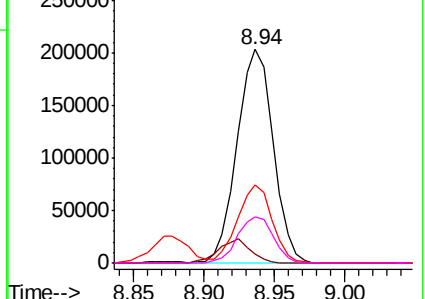


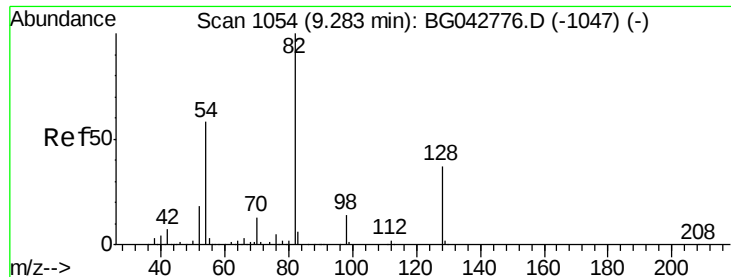
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 61.751 ng

RT: 9.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

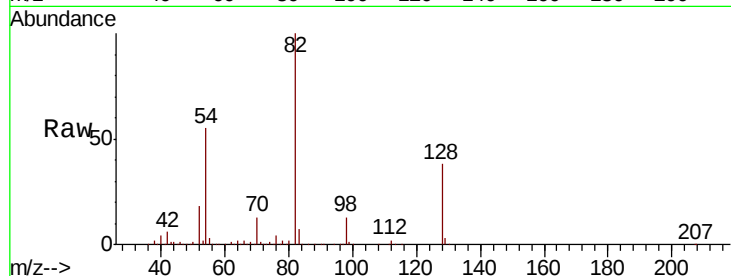
Tot Ion: 82 Resp: 408844

Ion Ratio Lower Upper

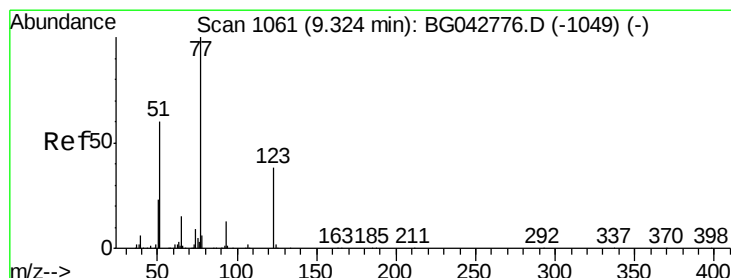
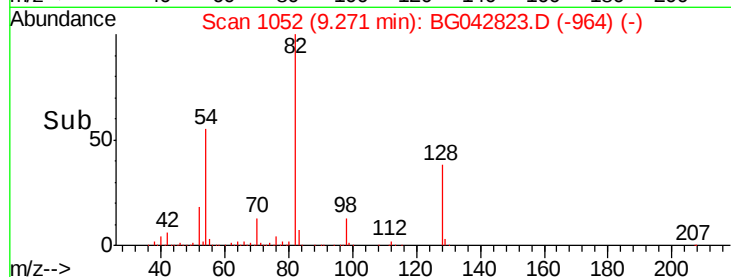
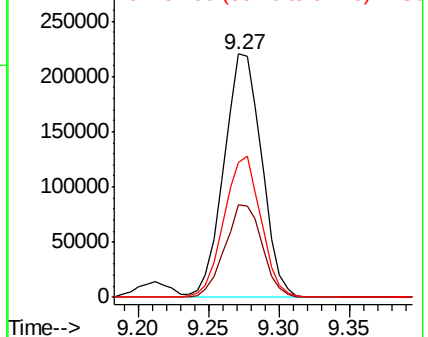
82 100

128 37.9 29.8 44.8

54 55.3 46.1 69.1



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



#24

Nitrobenzene

Concen: 44.434 ng

RT: 9.32 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

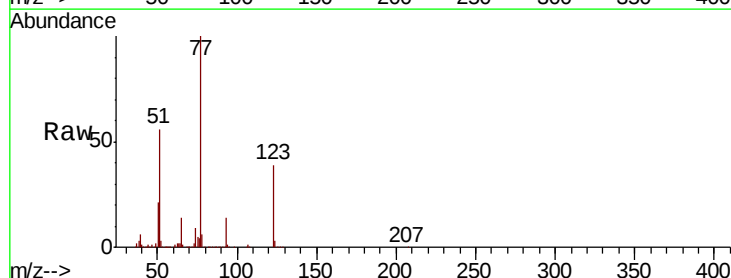
Tgt Ion: 77 Resp: 308796

Ion Ratio Lower Upper

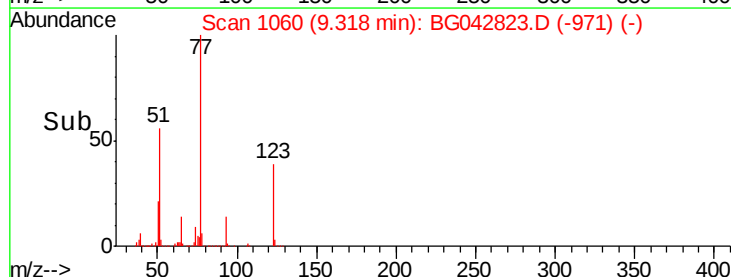
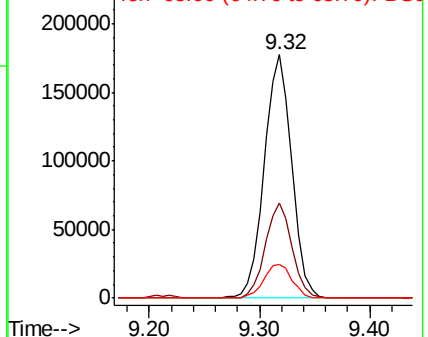
77 100

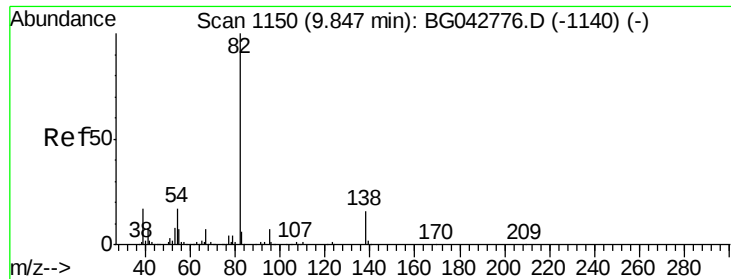
123 39.2 30.7 46.1

65 14.1 12.2 18.4



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





#25

Isophorone

Concen: 40.668 ng

RT: 9.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

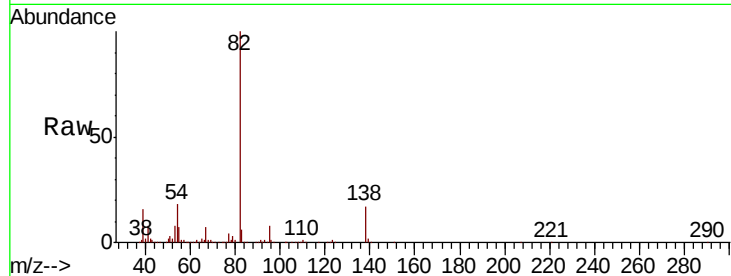
Tot Ion: 82 Resp: 561250

Ion Ratio Lower Upper

82 100

95 7.9 5.8 8.8

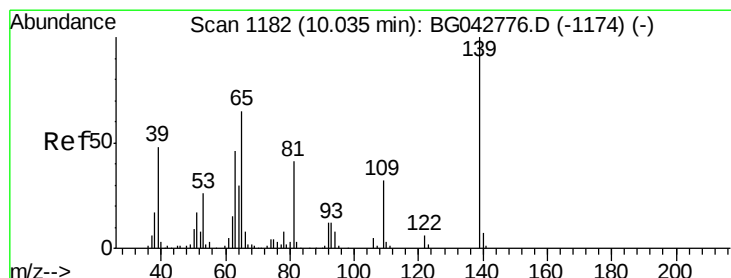
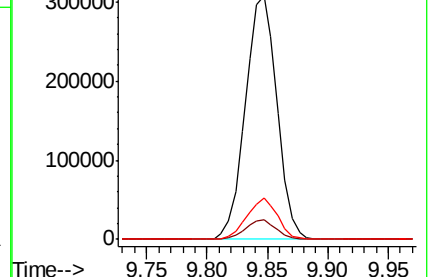
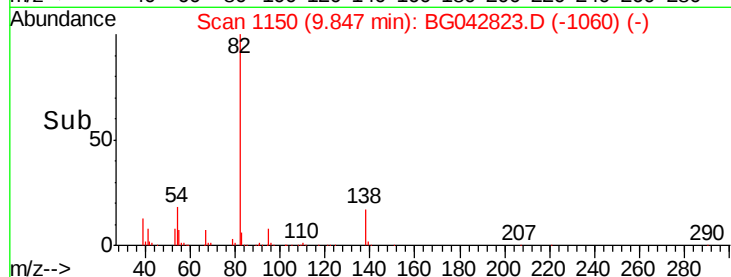
138 17.0 12.9 19.3



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: 49.665 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

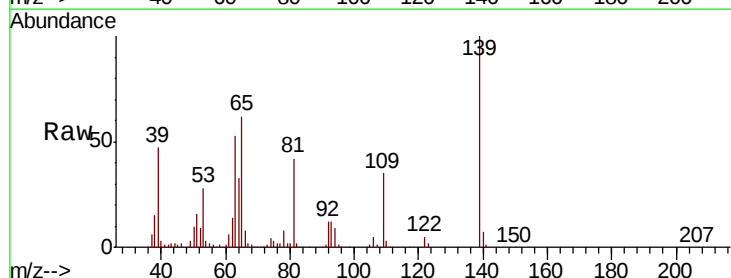
Tgt Ion: 139 Resp: 135723

Ion Ratio Lower Upper

139 100

109 34.6 25.8 38.8

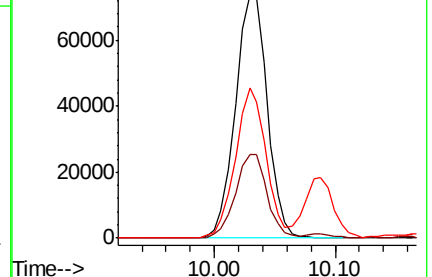
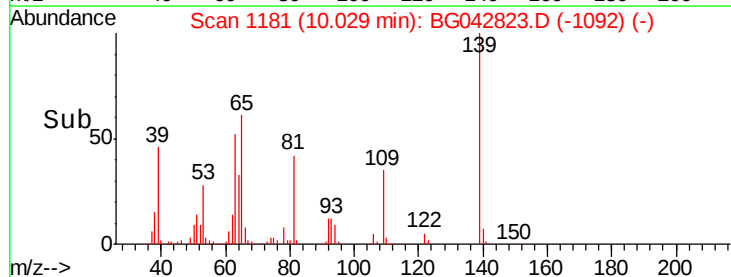
65 61.5 52.2 78.2

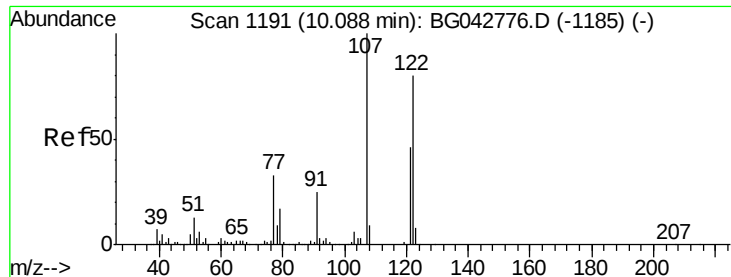


Abundance Ion 139.00 (138.70 to 139.70): BG042776.D (-1174) (-)

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

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

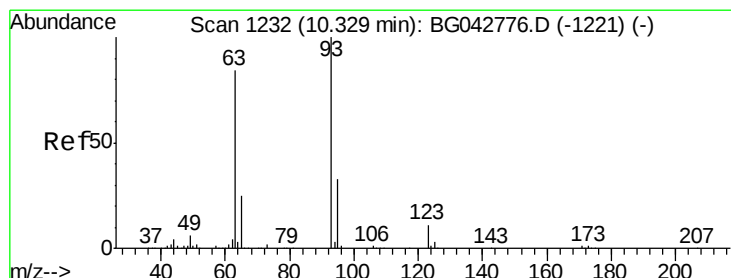
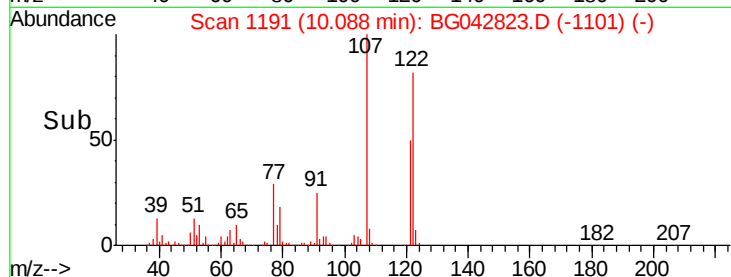
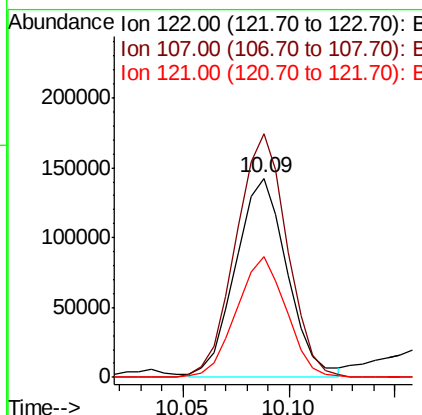
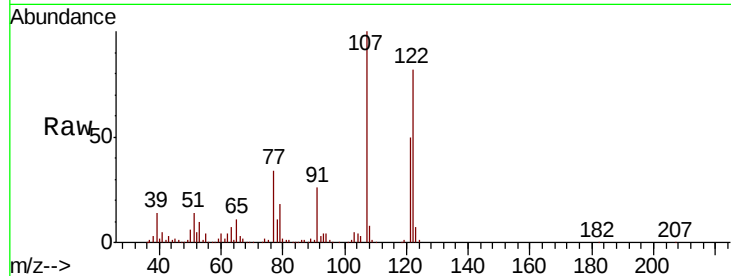




#27
 2,4-Dimethylphenol
 Concen: 49.852 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

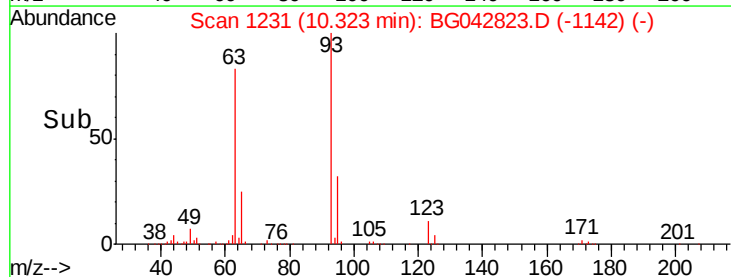
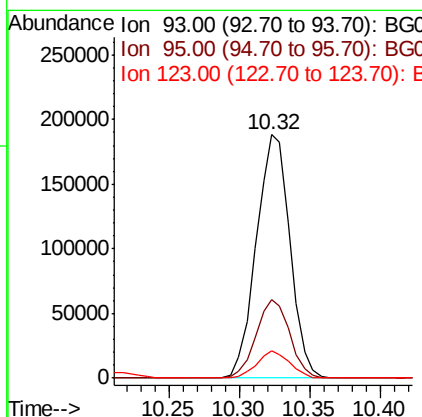
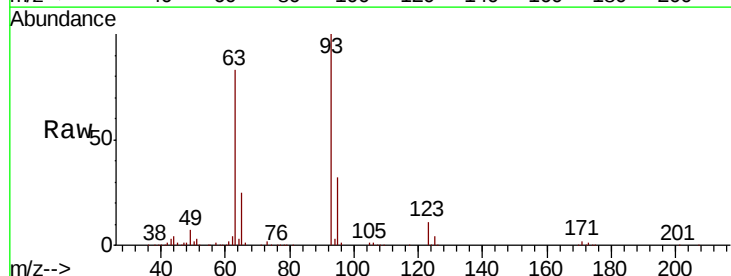
Instrument :
 BNA_G
 ClientSampled :

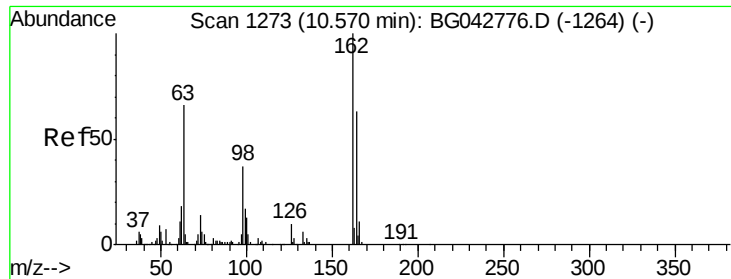
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.2	98.9	148.3
121	60.5	46.2	69.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.970 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.6	40.0
123	11.3	9.0	13.6

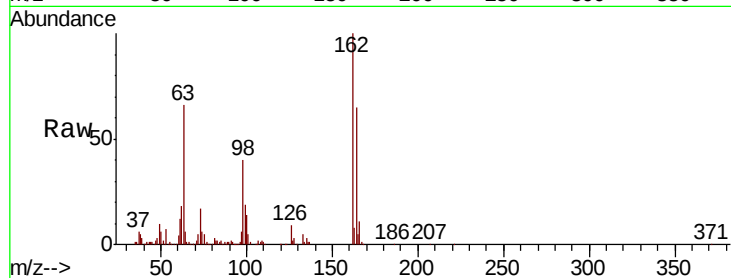




#29
 2,4-Dichlorophenol
 Concen: 44.413 ng
 RT: 10.56 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.4	83.4
98	40.4	17.0	57.0

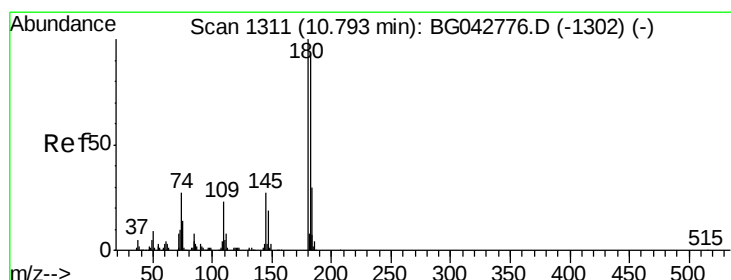
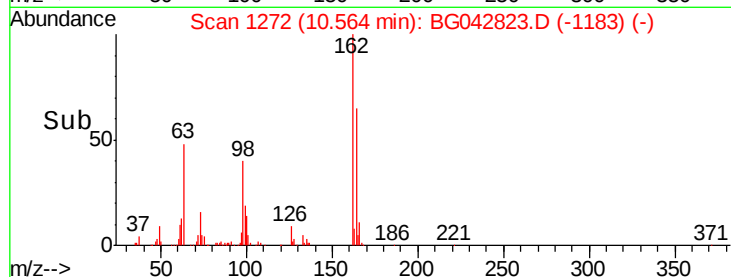
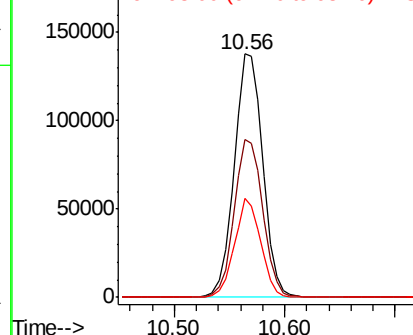


Abundance

Ion 162.00 (161.70 to 162.70): E

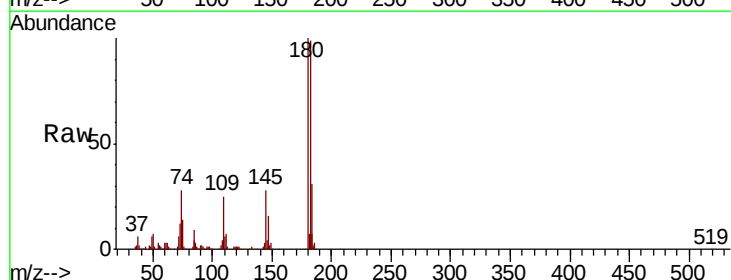
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 40.235 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	74.6	112.0
145	28.2	21.8	32.6

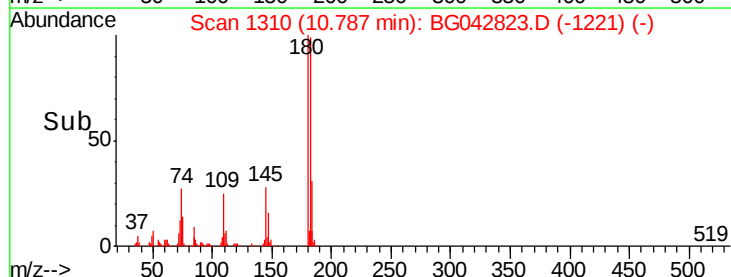
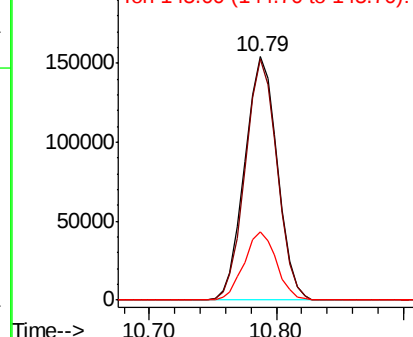


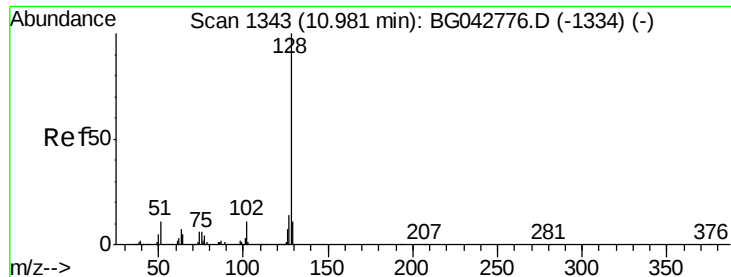
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

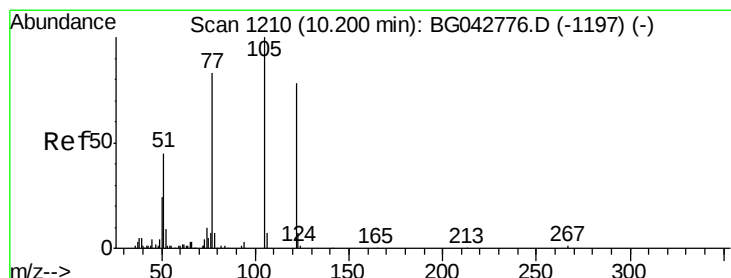
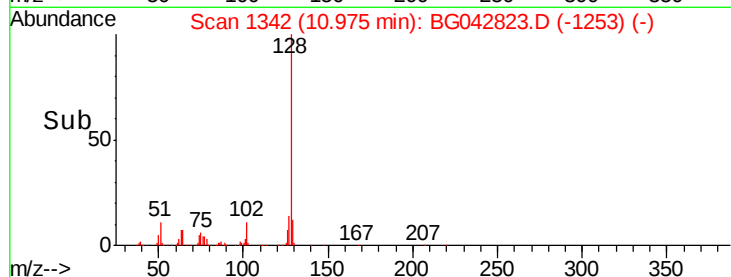
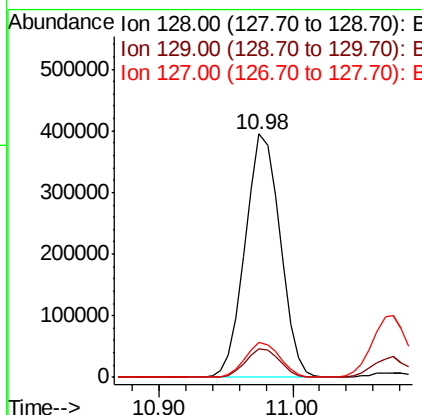
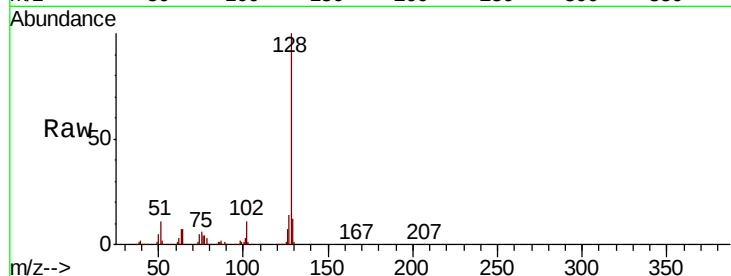




#31
Naphthalene
Concen: 42.075 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

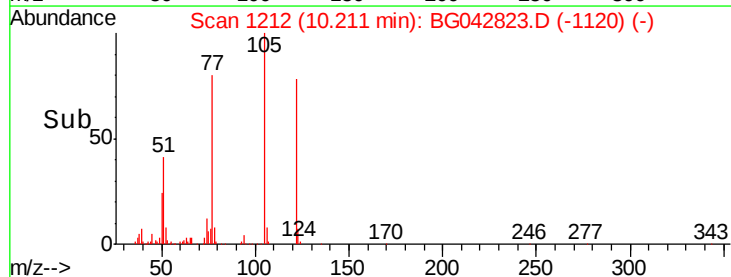
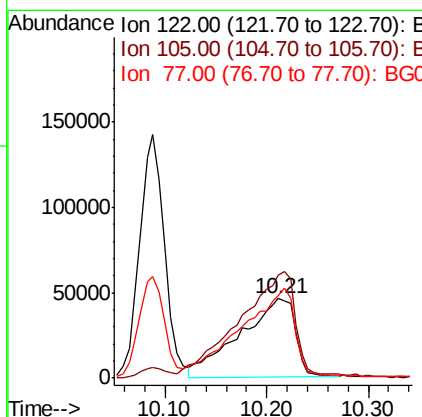
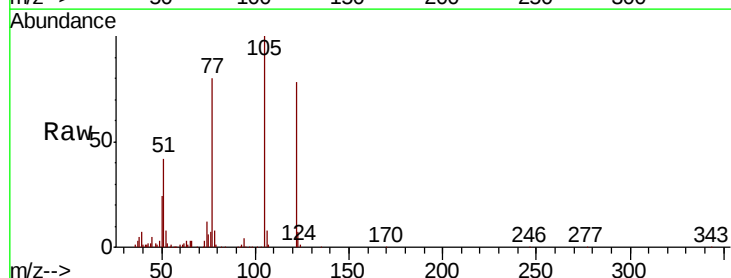
Instrument :
BNA_G
ClientSampleId :

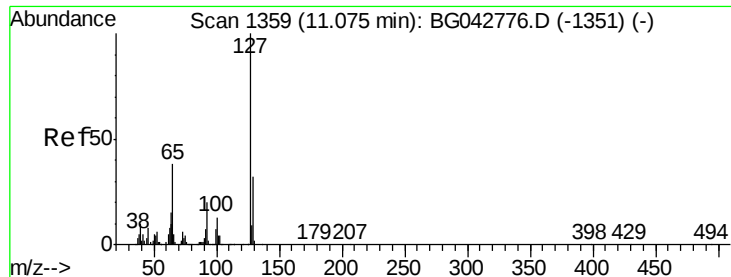
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.4	11.4	17.2



#32
Benzoic acid
Concen: 44.979 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	104.0	144.0
77	102.9	84.2	124.2

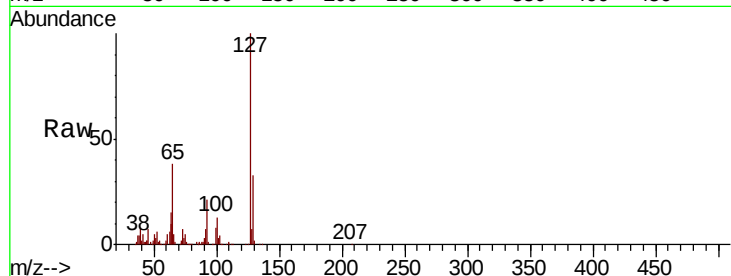




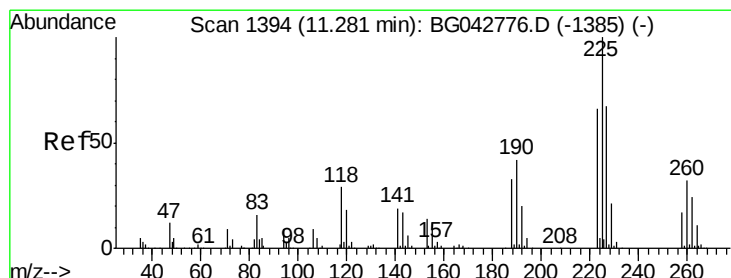
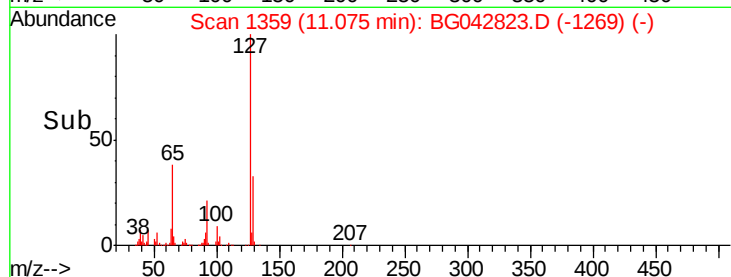
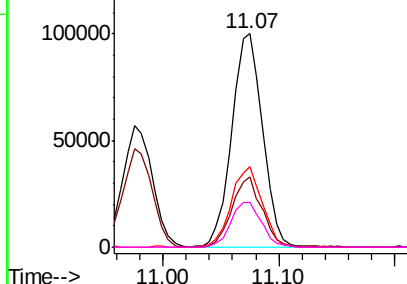
#33
4-Chloroaniline
Concen: 23.166 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	184275
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.6
65	37.8	30.5	45.7
92	20.7	15.9	23.9

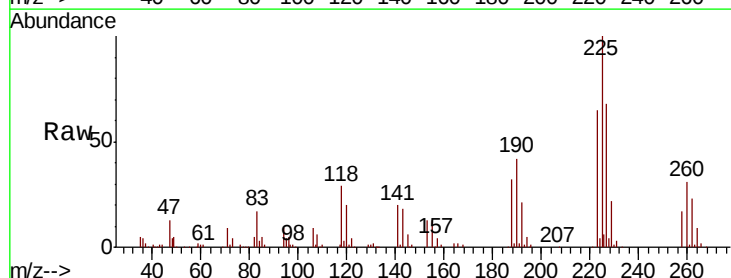


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

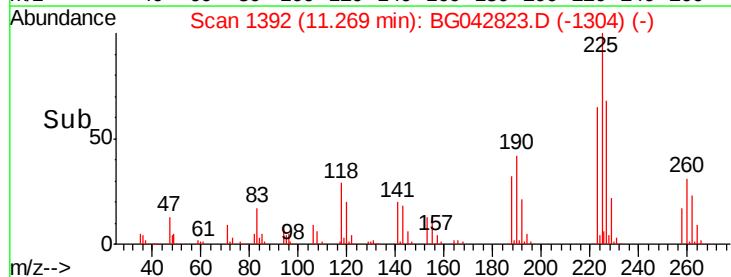
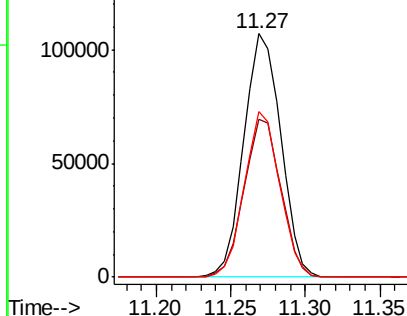


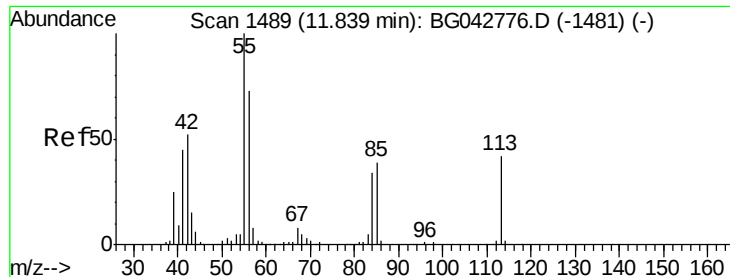
#34
Hexachlorobutadiene
Concen: 38.216 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion:	225	Resp:	183638
Ion	Ratio	Lower	Upper
225	100		
223	64.8	52.6	79.0
227	68.1	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: 26.288 ng

RT: 11.84 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampled :

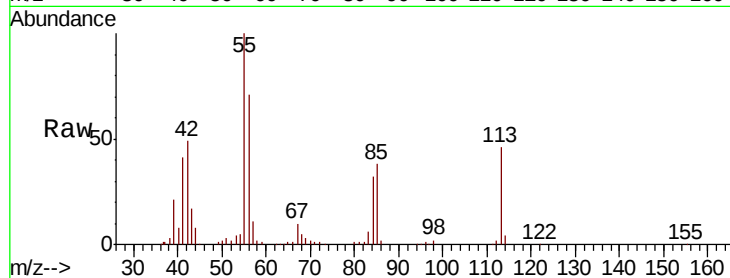
Tot Ion:113 Resp: 54914

Ion Ratio Lower Upper

113 100

55 219.1 218.4 258.4

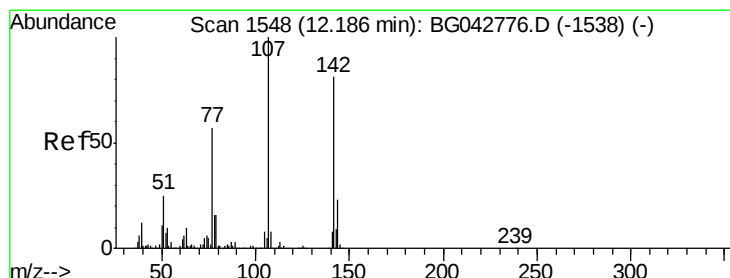
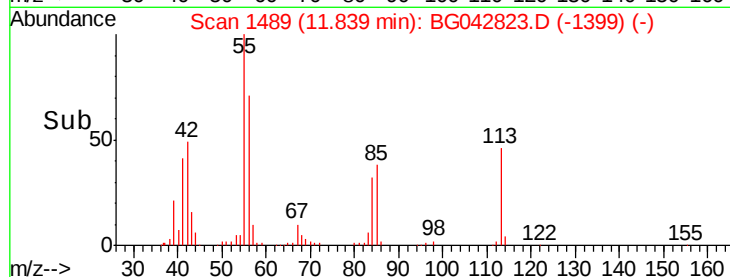
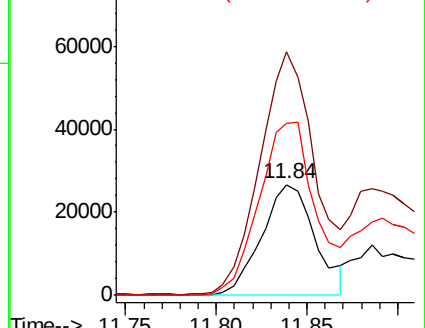
56 154.8 154.8 194.8



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: 45.950 ng

RT: 12.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

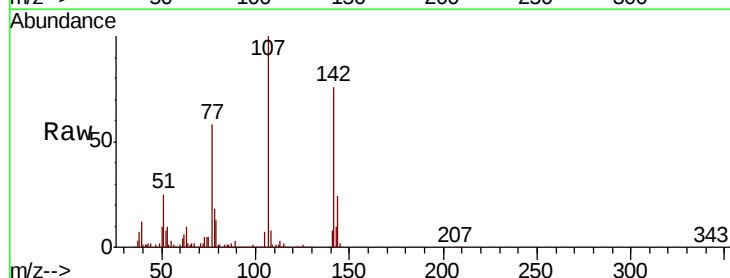
Tgt Ion:107 Resp: 280264

Ion Ratio Lower Upper

107 100

144 24.4 18.7 28.1

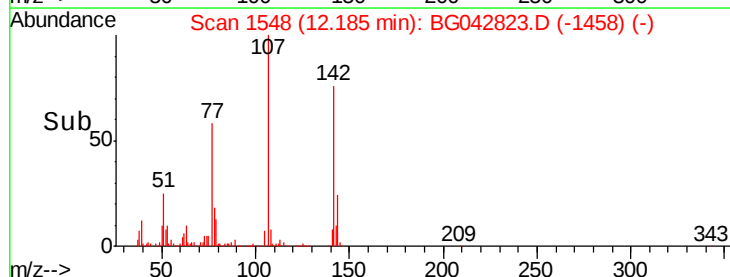
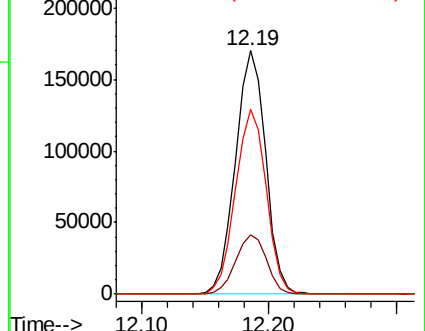
142 75.9 65.0 97.4

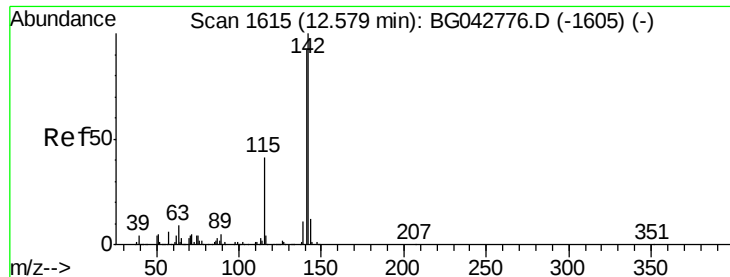


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

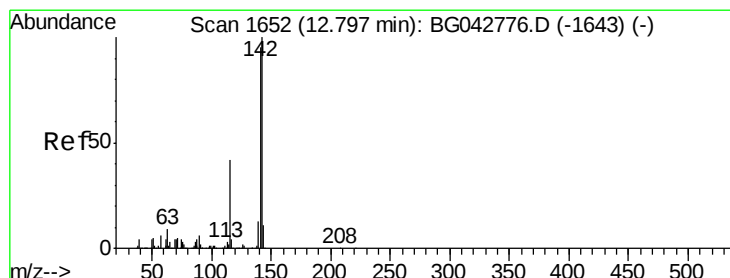
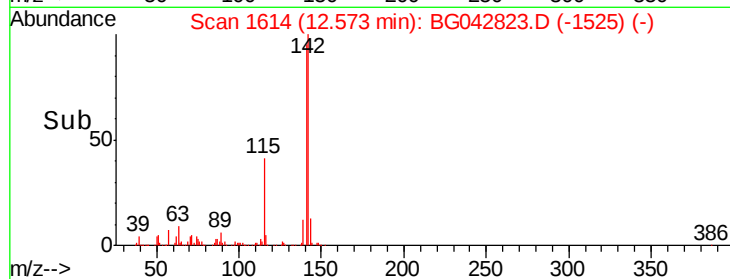
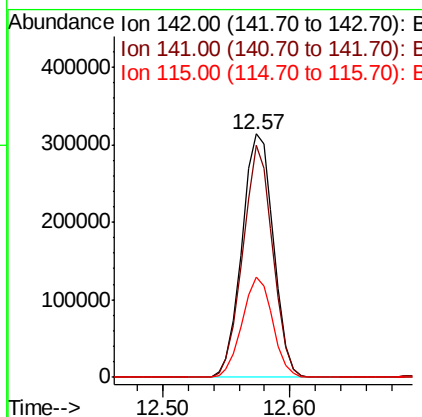
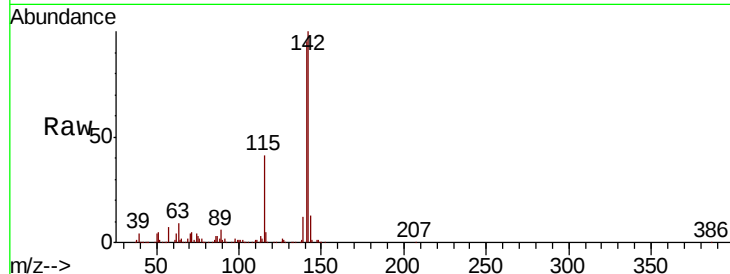




#37
2-Methylnaphthalene
Concen: 42.439 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

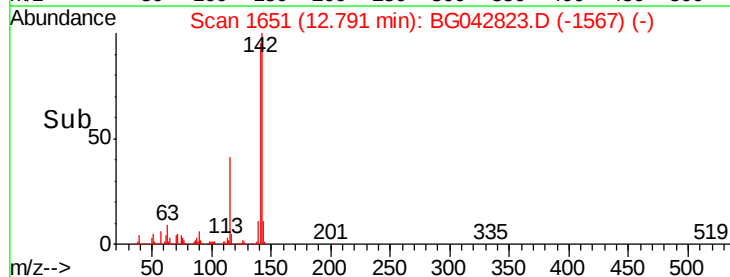
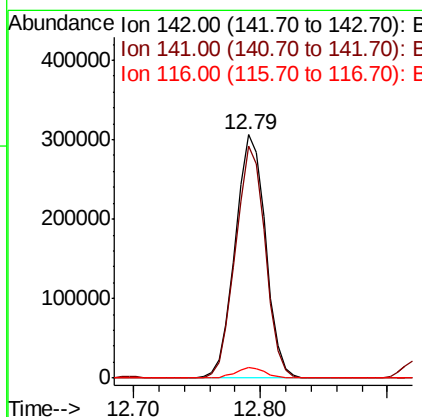
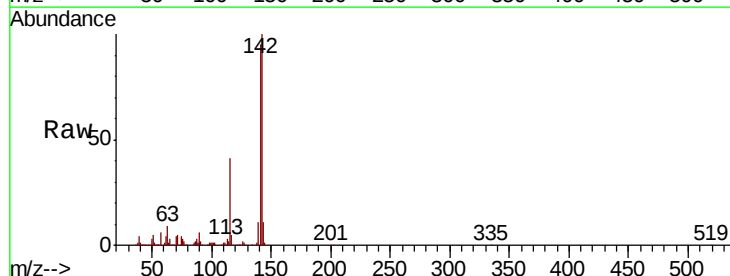
Instrument :
BNA_G
ClientSampleId :

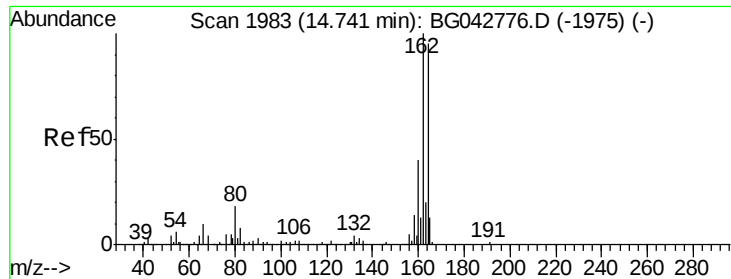
Tot Ion	Ratio	Lower	Upper
142	100		
141	95.1	73.8	110.8
115	41.4	33.0	49.4



#38
1-Methylnaphthalene
Concen: 42.406 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	76.3	114.5
116	4.5	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: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

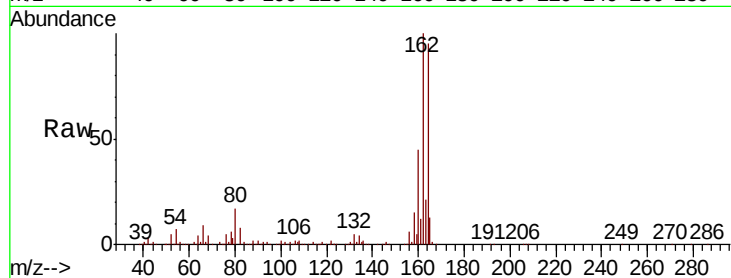
Tot Ion:164 Resp: 232317

Ion Ratio Lower Upper

164 100

162 105.3 84.6 126.8

160 47.0 34.2 51.2

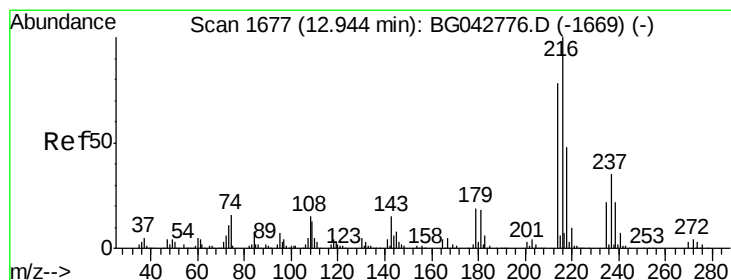
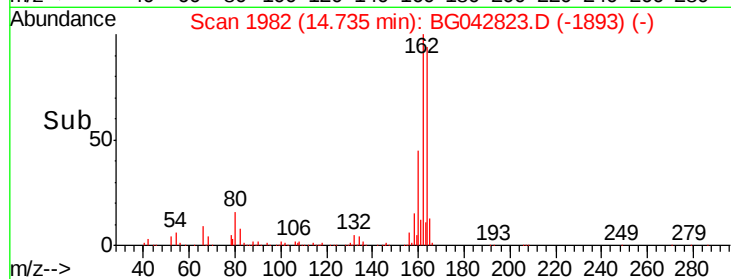
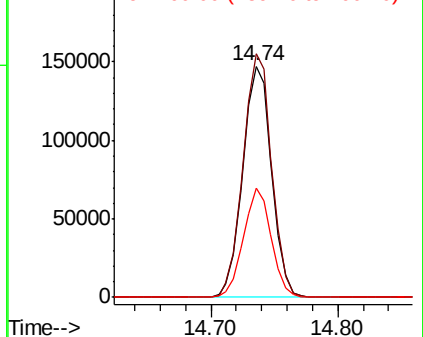


Abundance

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: 42.325 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Tgt Ion:216 Resp: 324920

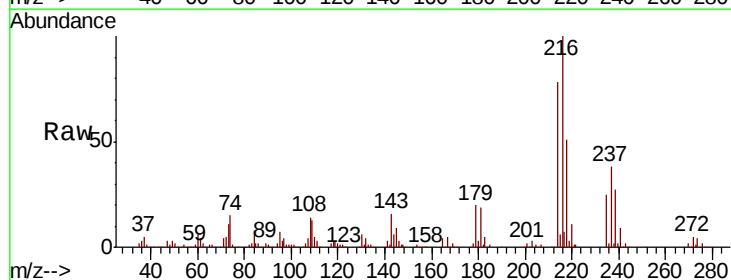
Ion Ratio Lower Upper

216 100

214 80.0 62.8 94.2

179 20.1 15.3 22.9

108 18.1 12.9 19.3



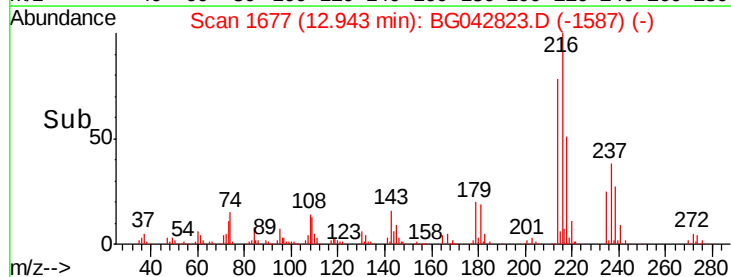
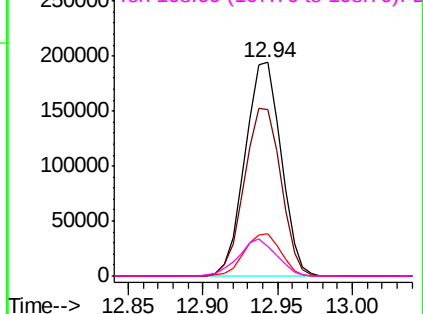
Abundance

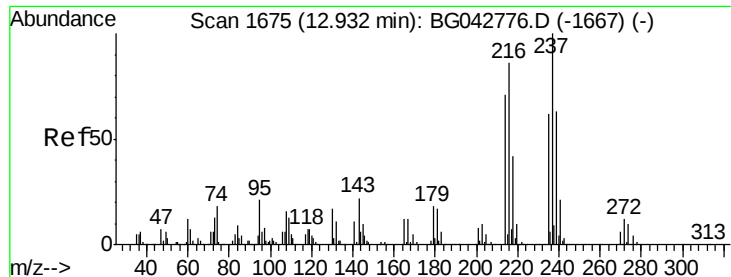
Ion 216.00 (215.70 to 216.70): E

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: 95.605 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

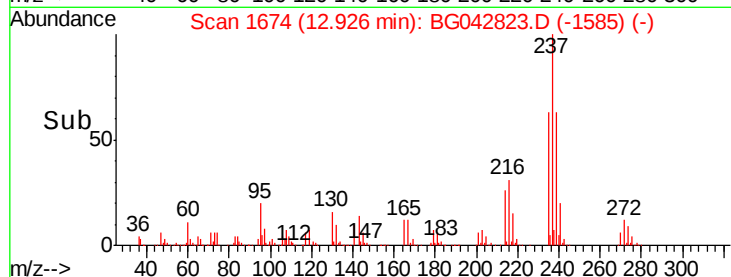
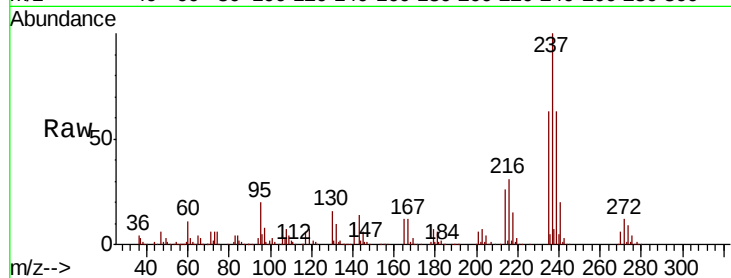
Tot Ion:237 Resp: 420455

Ion Ratio Lower Upper

237 100

235 62.7 41.9 81.9

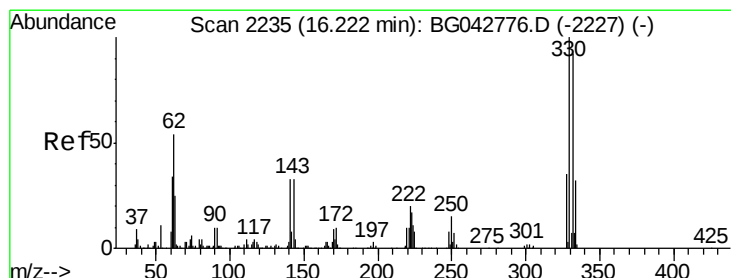
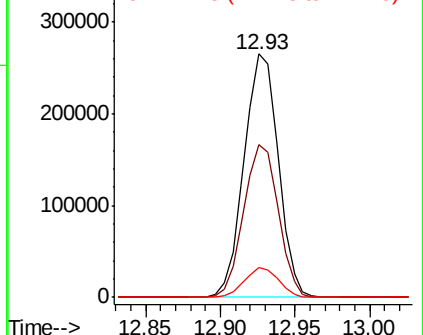
272 12.2 0.0 31.6



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: 86.252 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

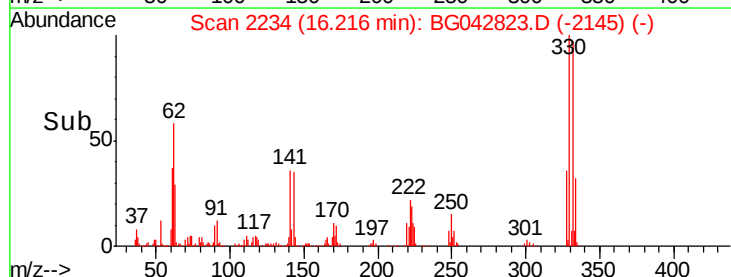
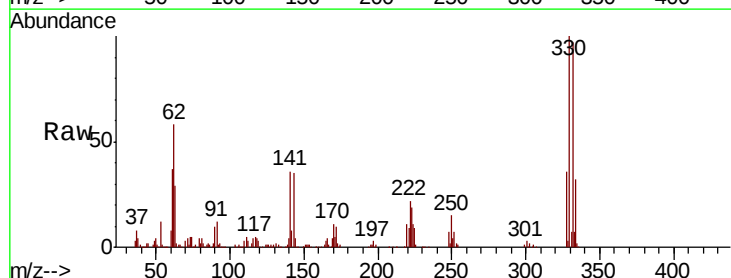
Tgt Ion:330 Resp: 266589

Ion Ratio Lower Upper

330 100

332 95.7 76.7 115.1

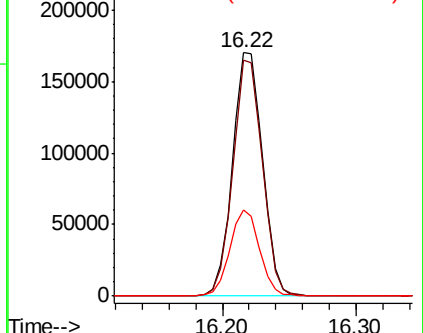
141 35.2 27.0 40.6

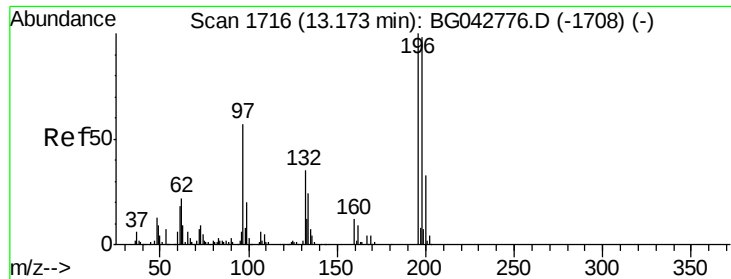


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

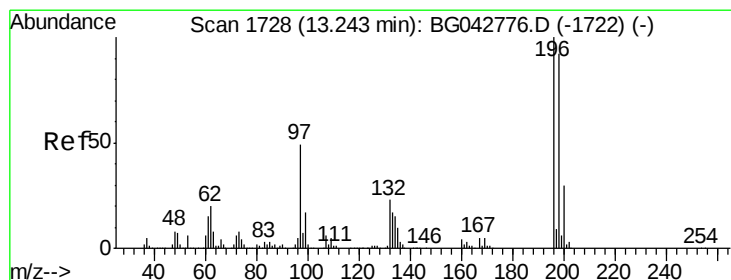
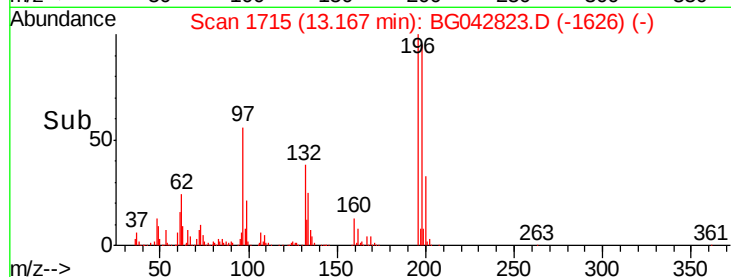
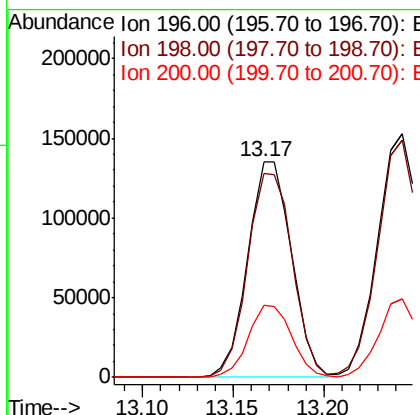
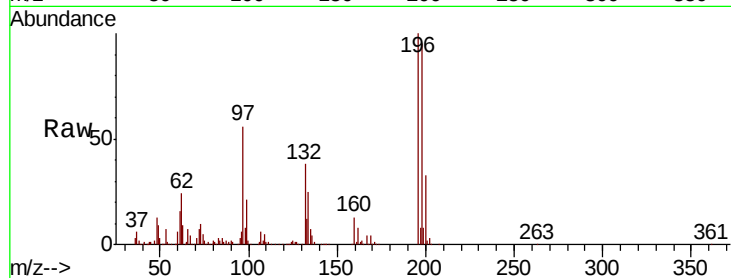




#43
 2,4,6-Trichlorophenol
 Concen: 44.628 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

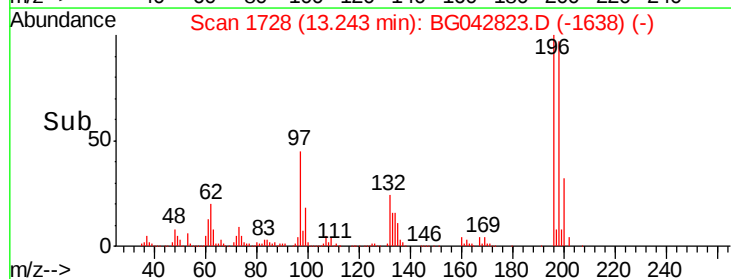
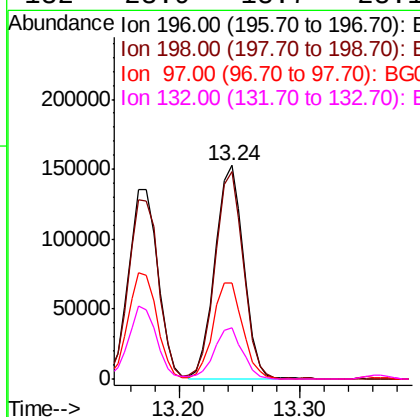
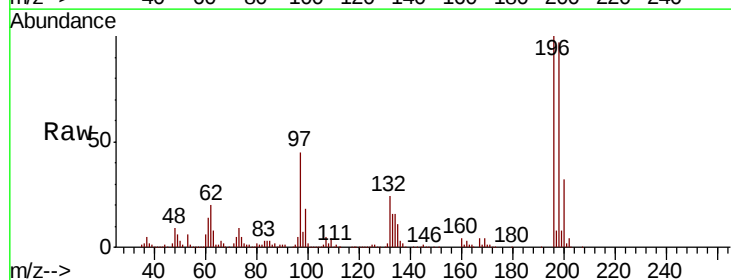
Instrument :
 BNA_G
 ClientSampleId :

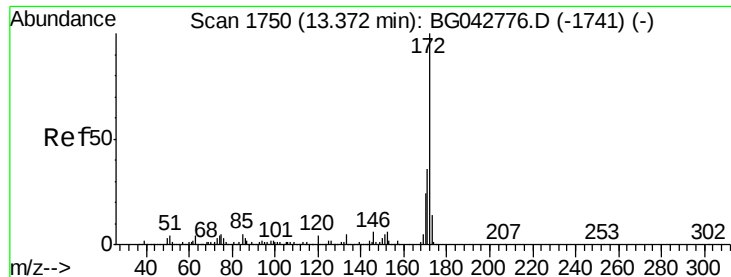
Tot Ion	196	Resp	228090
Ion Ratio	Lower	Upper	
196	100		
198	94.5	78.8	118.2
200	33.3	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 47.666 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	196	Resp	249532
Ion Ratio	Lower	Upper	
196	100		
198	97.4	73.4	110.0
97	45.1	39.2	58.8
132	23.9	18.7	28.1

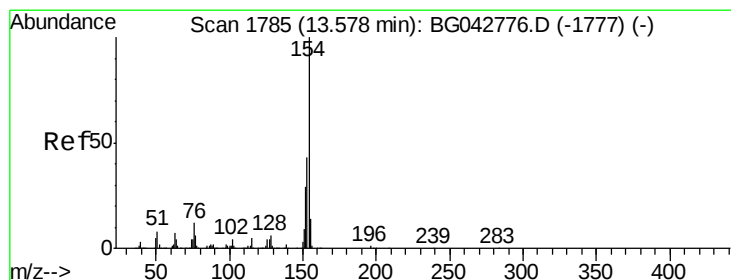
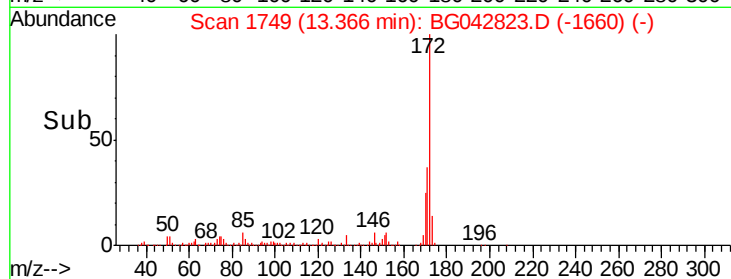
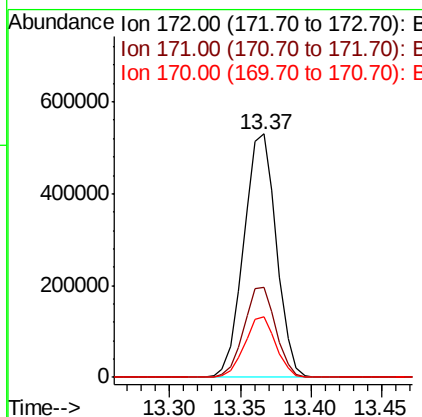
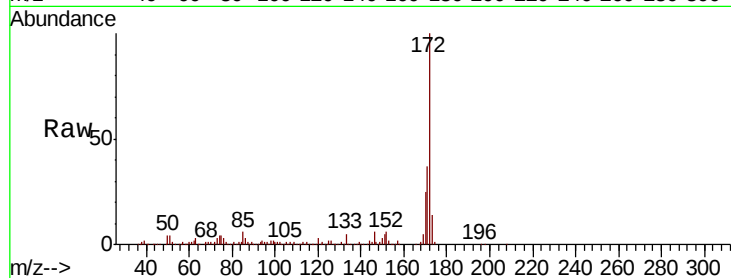




#45
 2-Fluorobiphenyl
 Concen: 58.216 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

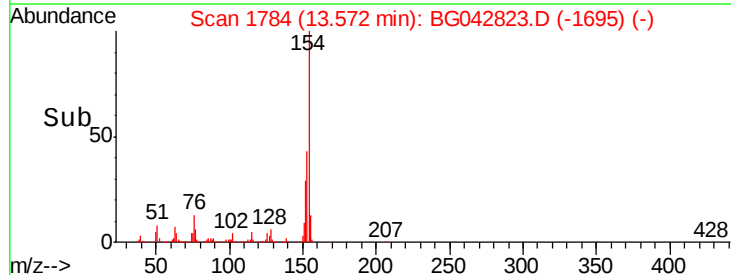
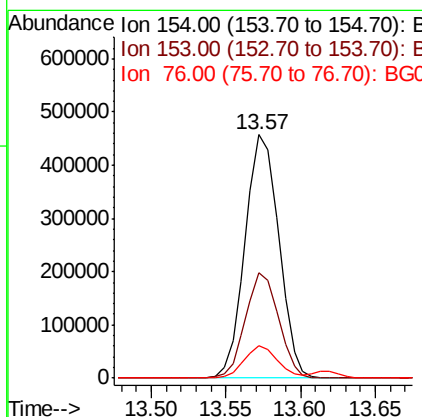
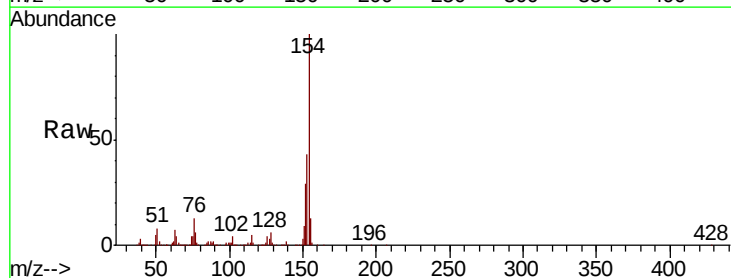
Instrument :
 BNA_G
 ClientSampleId :

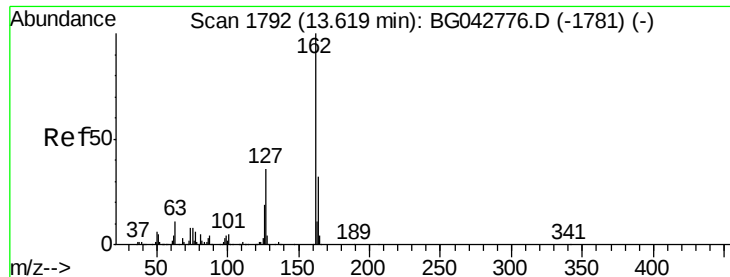
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.9	19.1	28.7



#46
 1,1'-Biphenyl
 Concen: 44.097 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

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: 41.673 ng

RT: 13.61 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

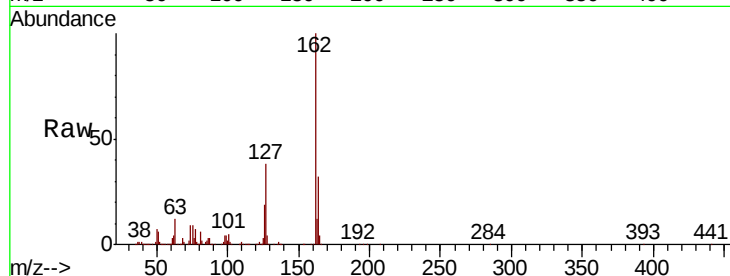
Tot Ion:162 Resp: 560658

Ion Ratio Lower Upper

162 100

127 37.5 29.3 43.9

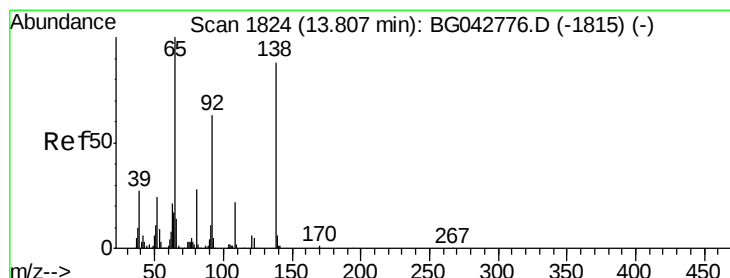
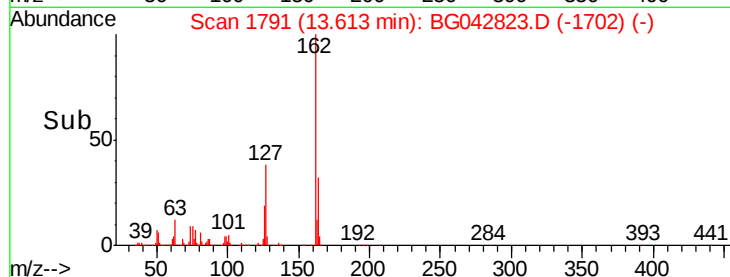
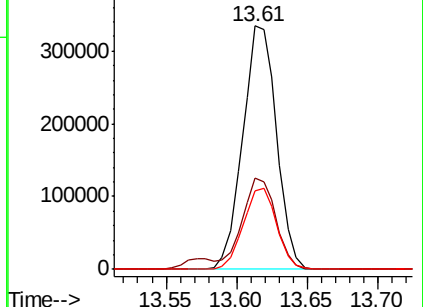
164 32.1 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.199 ng

RT: 13.81 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

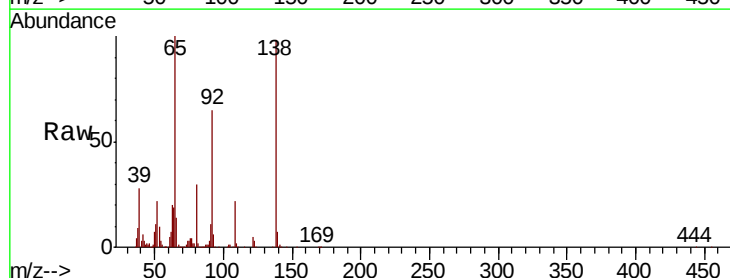
Tgt Ion: 65 Resp: 206280

Ion Ratio Lower Upper

65 100

92 65.1 50.4 75.6

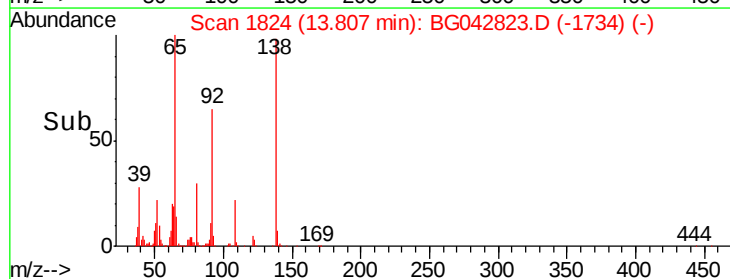
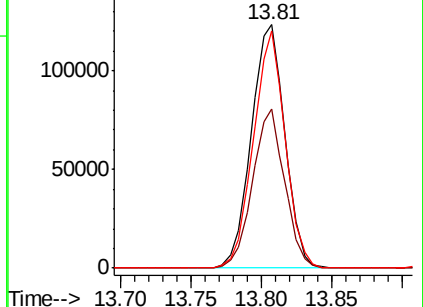
138 97.6 70.6 106.0

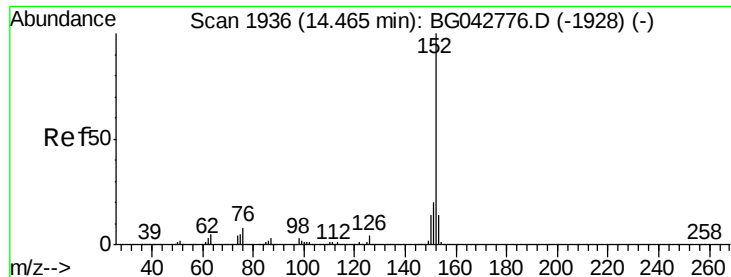


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.483 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

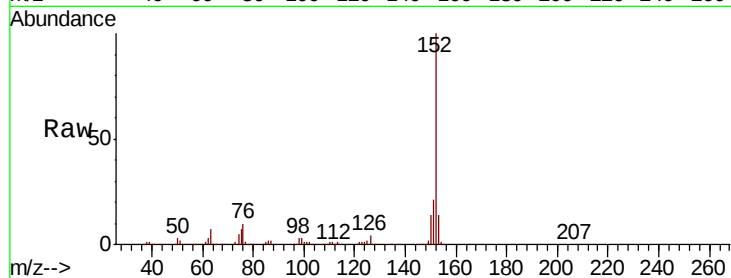
Tot Ion:152 Resp: 893989

Ion Ratio Lower Upper

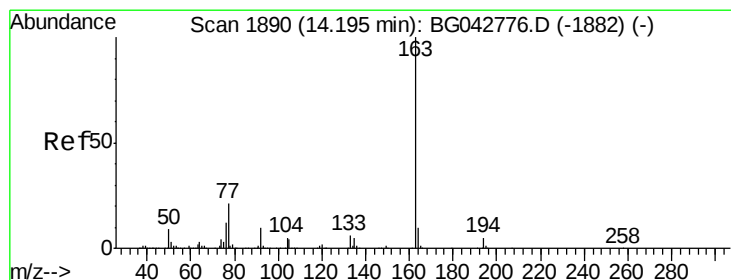
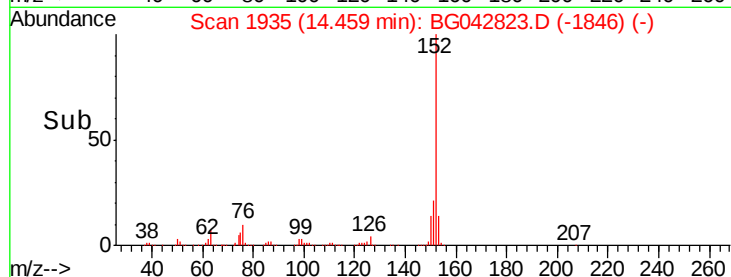
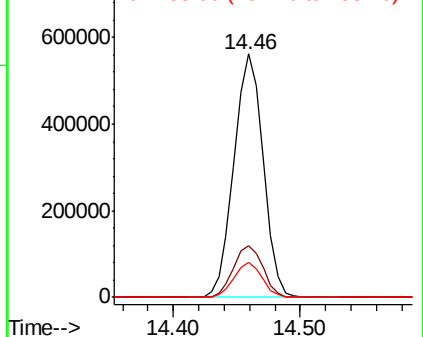
152 100

151 21.5 16.0 24.0

153 14.1 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: 44.026 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

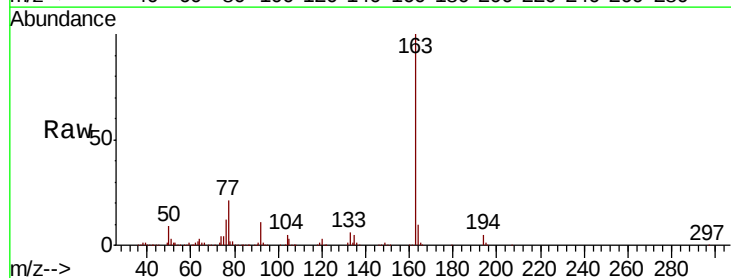
Tgt Ion:163 Resp: 766198

Ion Ratio Lower Upper

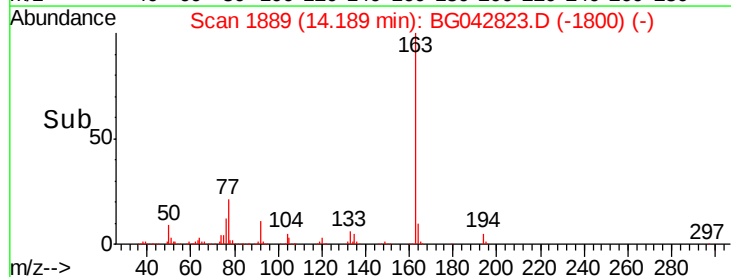
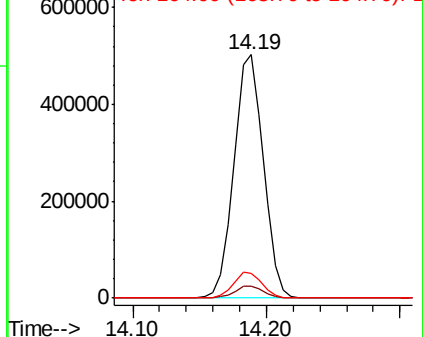
163 100

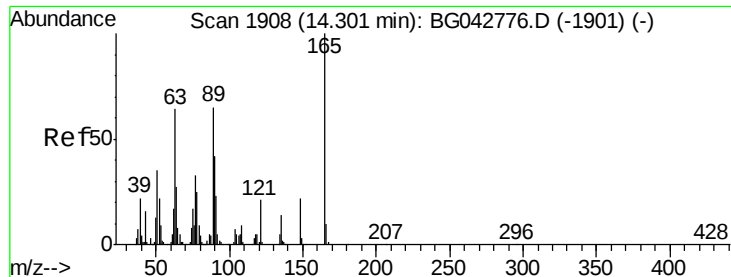
194 5.0 4.2 6.4

164 10.1 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: 45.012 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

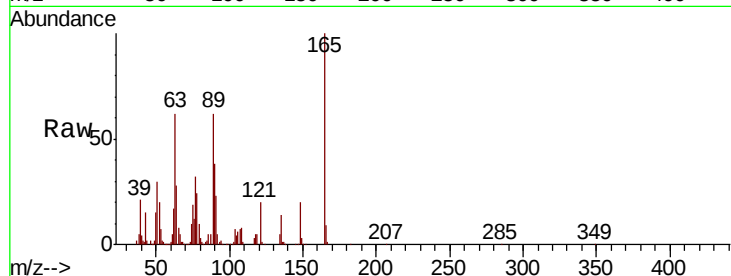
Tot Ion:165 Resp: 160740

Ion Ratio Lower Upper

165 100

63 61.6 52.1 78.1

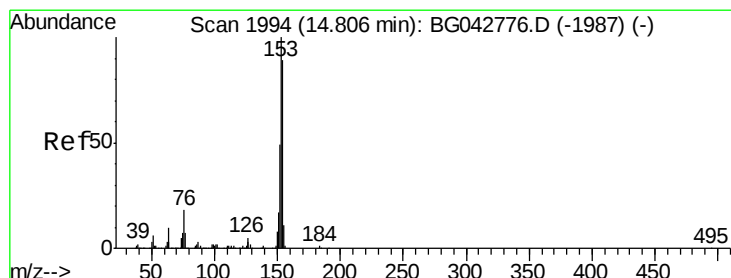
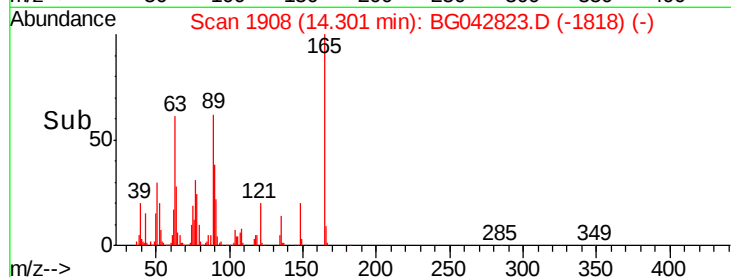
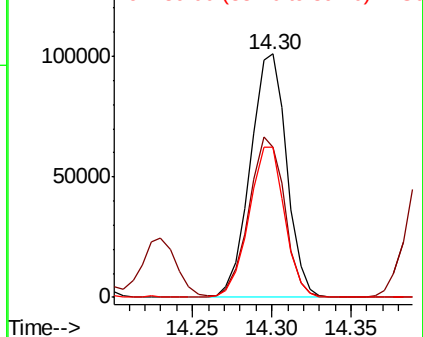
89 61.7 51.7 77.5



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: 46.105 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

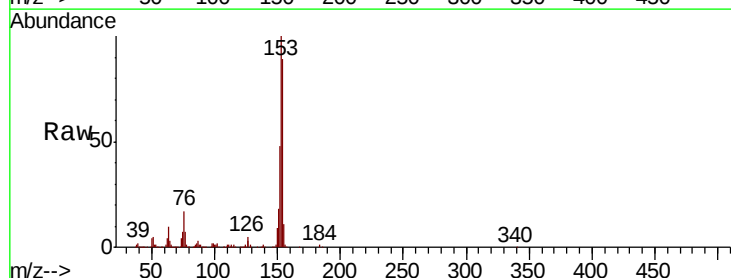
Tgt Ion:154 Resp: 619263

Ion Ratio Lower Upper

154 100

153 112.5 89.4 134.2

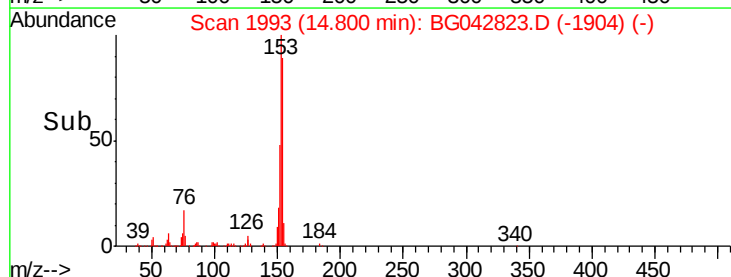
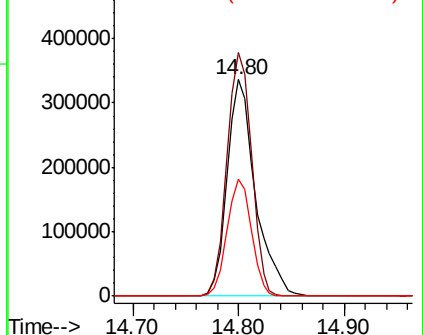
152 53.8 43.5 65.3

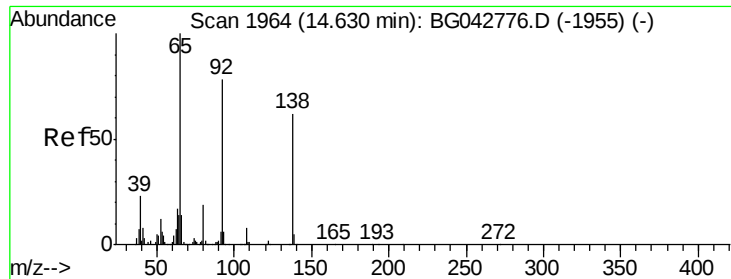


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

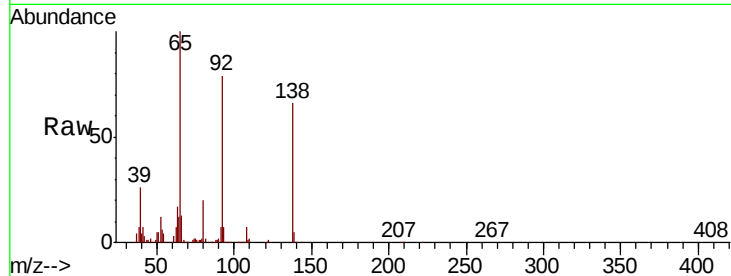




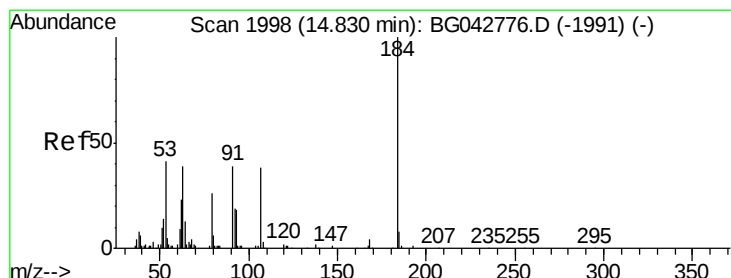
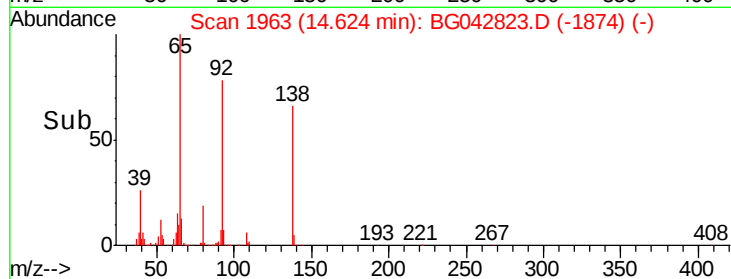
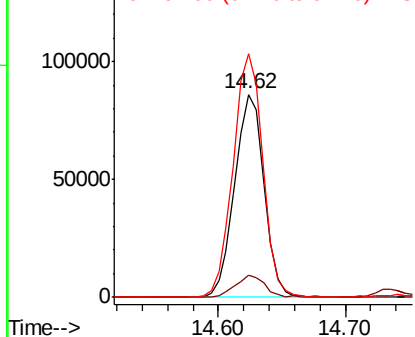
#53
 3-Nitroaniline
 Concen: 34.399 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 137867
 Ion Ratio Lower Upper
 138 100
 108 10.7 10.7 16.1#
 92 120.0 100.5 150.7

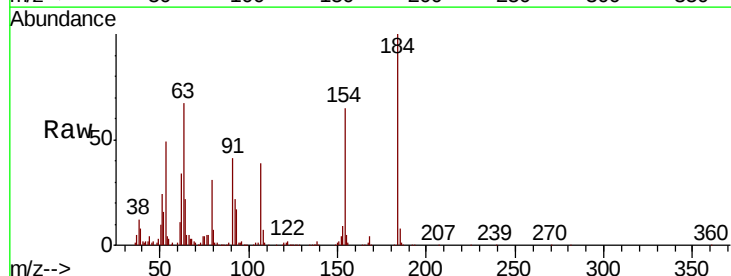


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

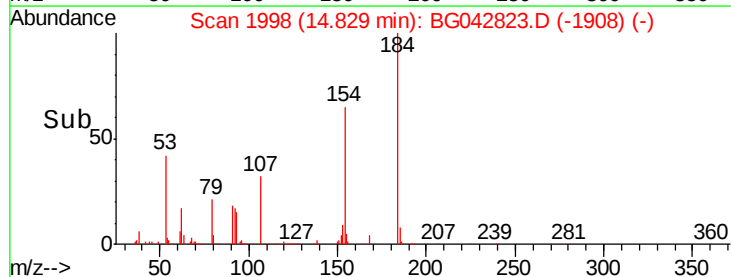
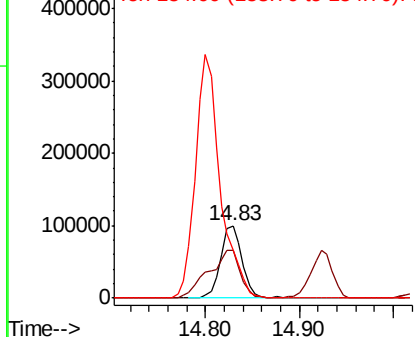


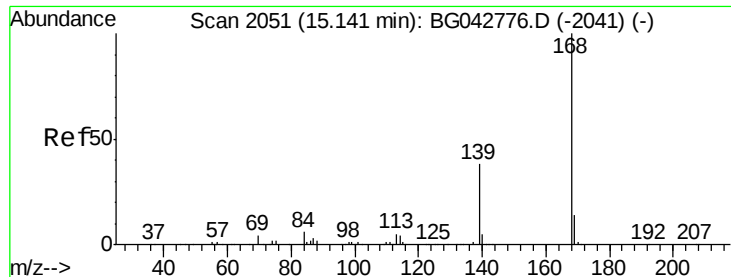
#54
 2,4-Dinitrophenol
 Concen: 91.166 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion:184 Resp: 160266
 Ion Ratio Lower Upper
 184 100
 63 66.5 46.2 69.4
 154 65.3 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

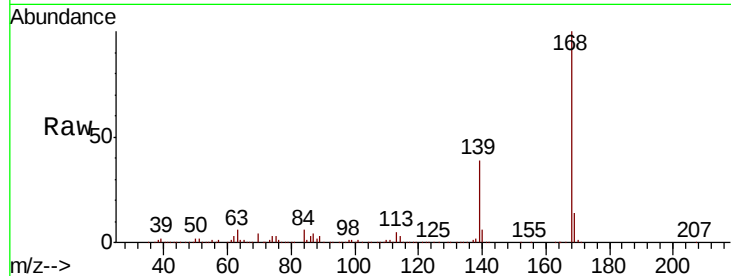




#55
Dibenzofuran
Concen: 42.978 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.2	45.4
169	14.0	11.2	16.8

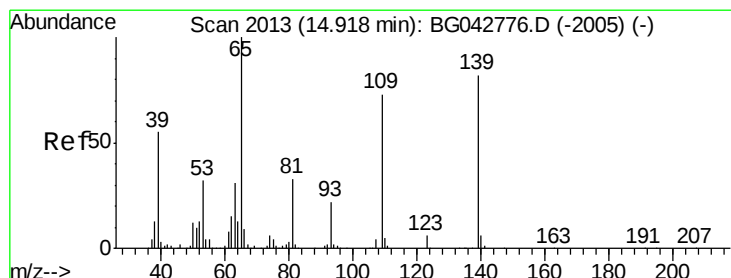
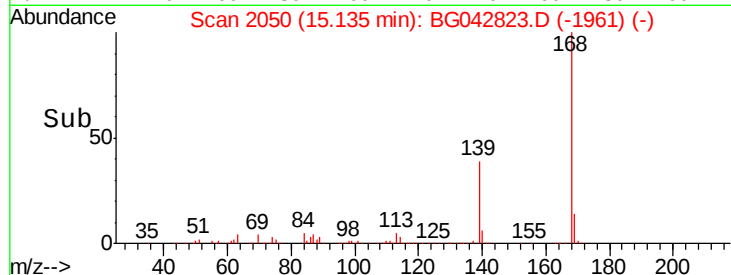
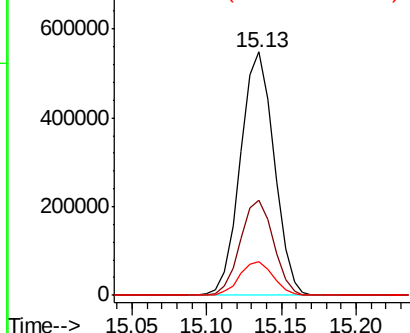


Abundance

Ion 168.00 (167.70 to 168.70): E

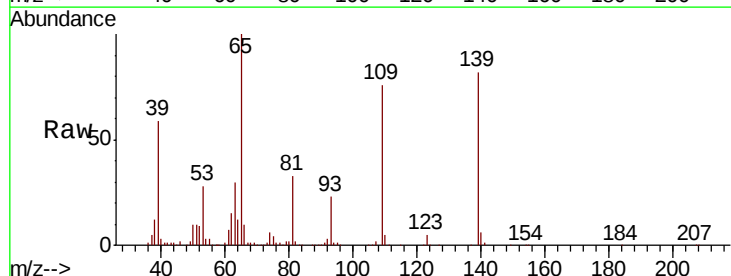
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 92.372 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.7	69.4	109.4
65	121.6	102.5	142.5

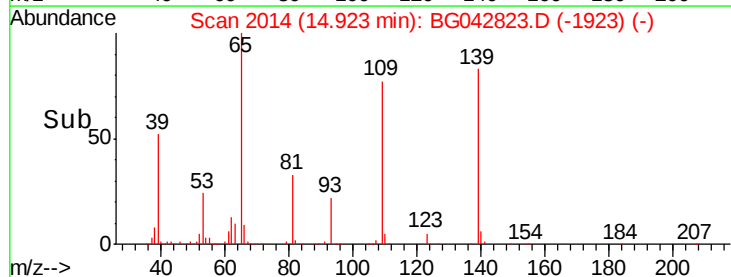
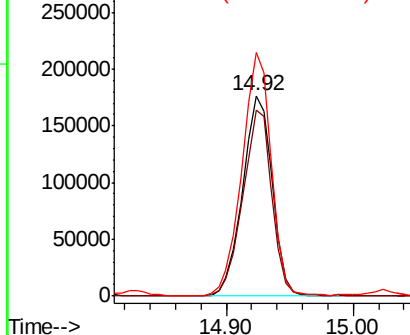


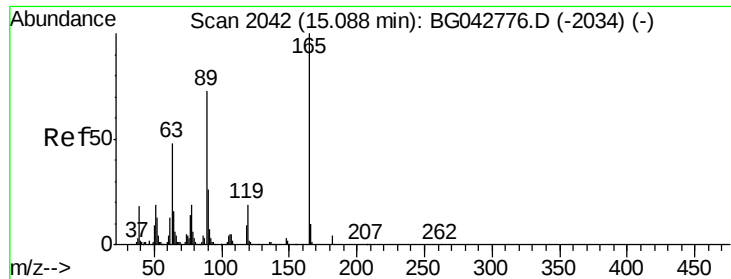
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

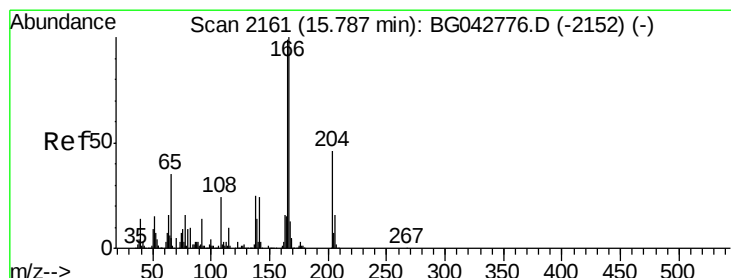
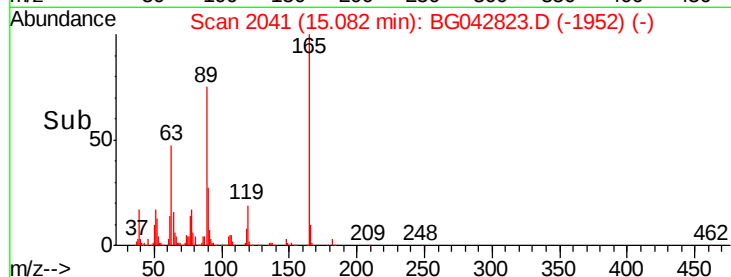
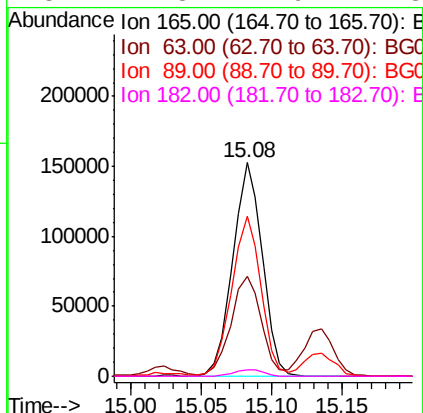
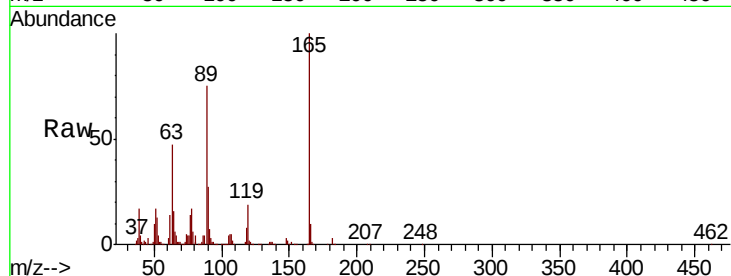




#57
 2,4-Dinitrotoluene
 Concen: 46.746 ng
 RT: 15.08 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

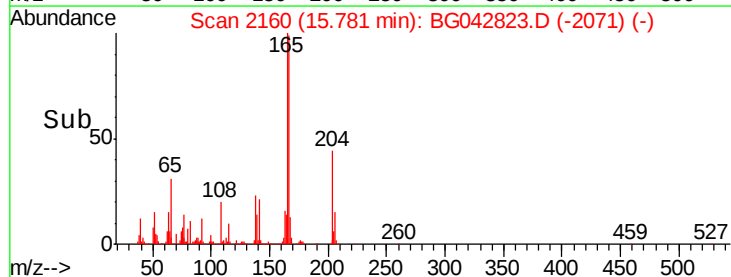
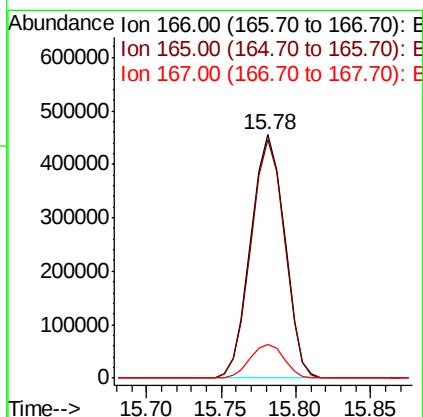
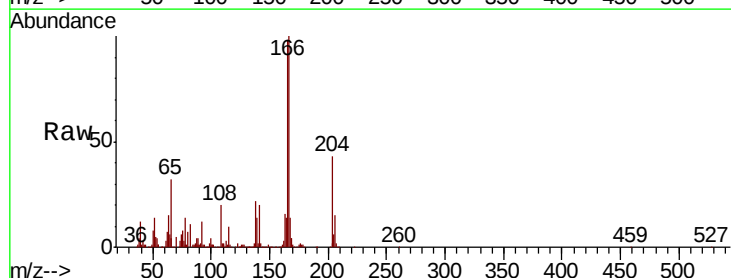
Instrument :
 BNA_G
 ClientSampleId :

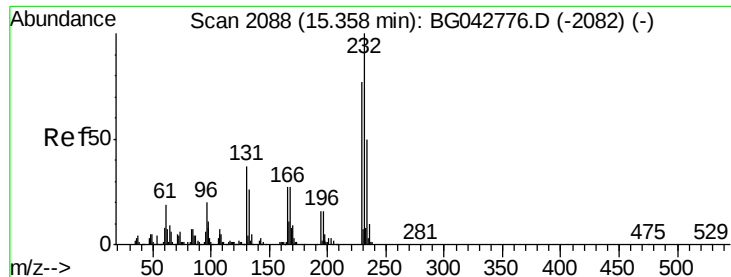
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.9	38.3	57.5
89	74.6	58.4	87.6
182	2.8	2.9	4.3



#58
 Fluorene
 Concen: 43.178 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.1	118.7
167	14.0	10.7	16.1

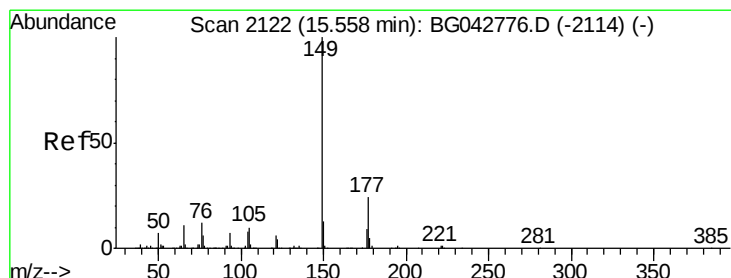
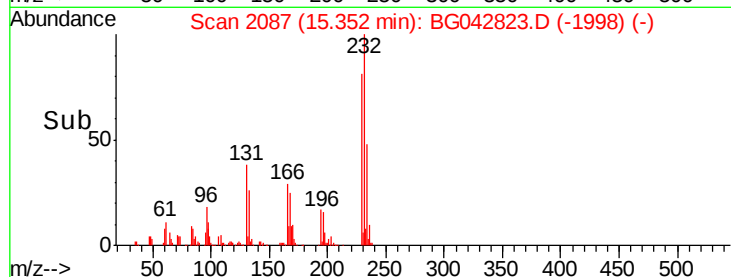
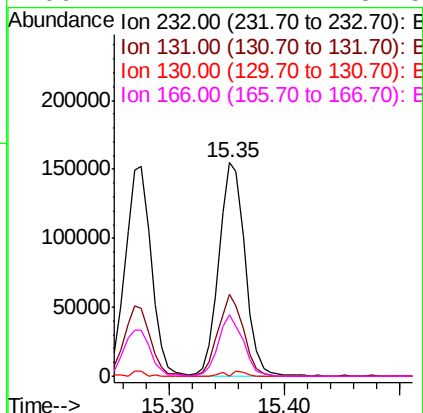
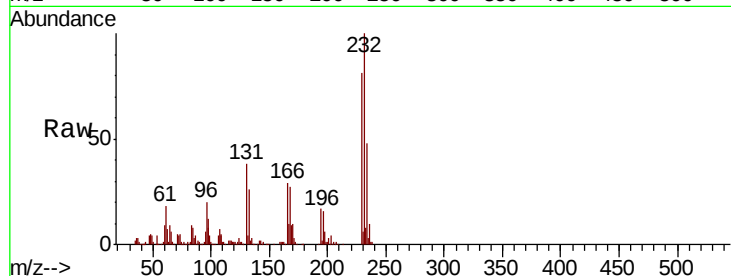




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.815 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

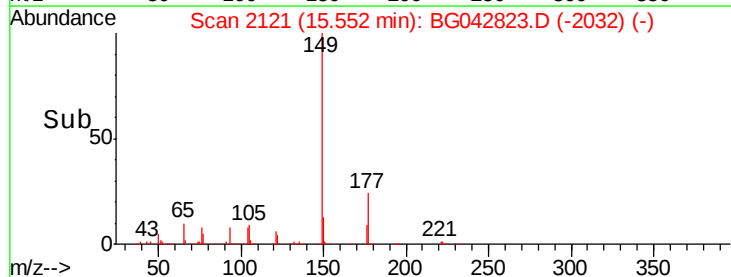
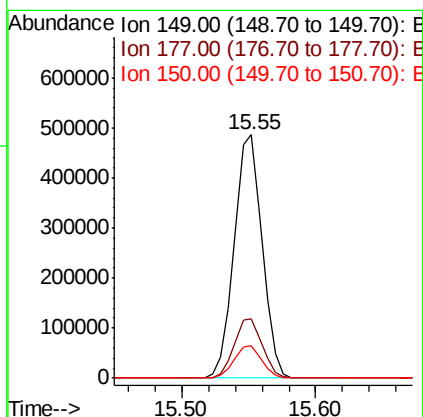
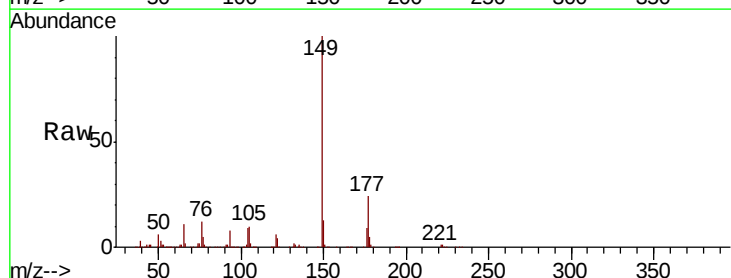
Instrument :
 BNA_G
 ClientSampled :

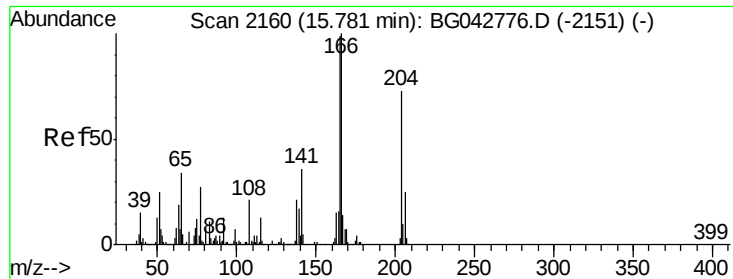
Tot Ion:232	Resp:	242648
Ion Ratio	Lower	Upper
232	100	
131	36.7	31.1 46.7
130	1.2	1.8 2.6#
166	27.1	21.7 32.5



#60
 Diethylphthalate
 Concen: 40.025 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion:149	Resp:	707070
Ion Ratio	Lower	Upper
149	100	
177	24.3	19.4 29.0
150	13.4	10.2 15.4

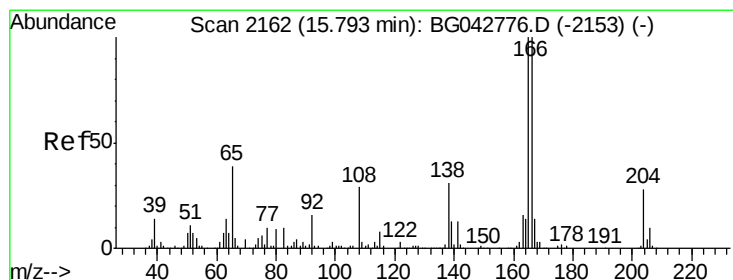
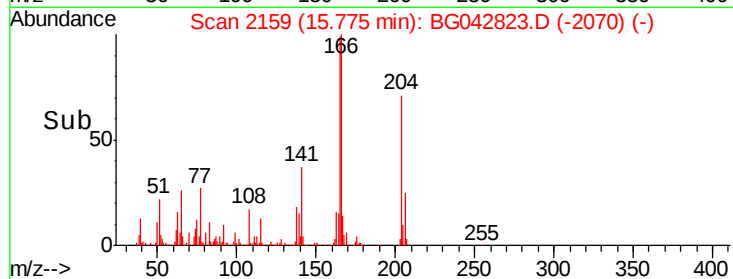
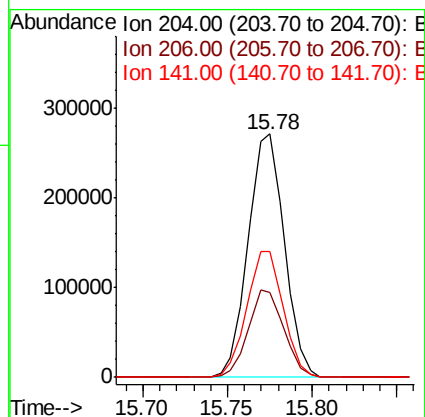
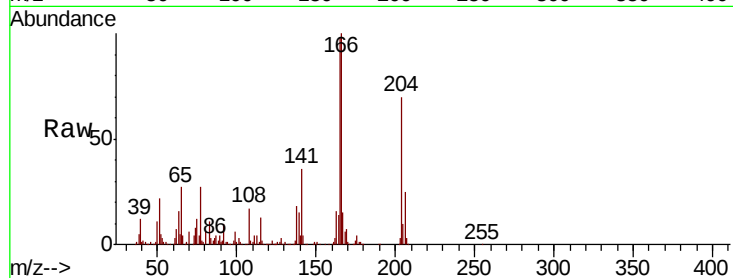




#61
 4-Chlorophenyl-phenylether
 Concen: 41.390 ng
 RT: 15.78 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

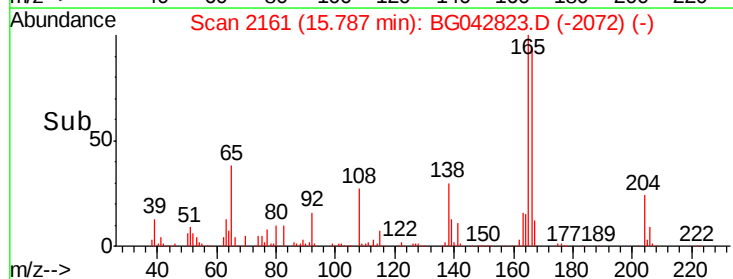
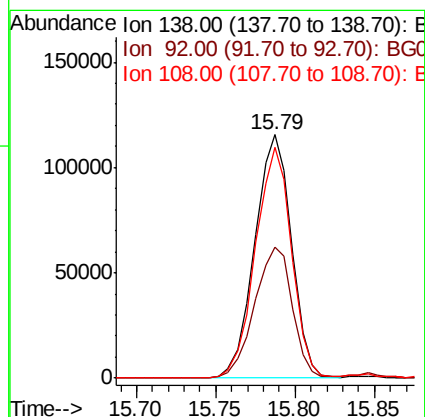
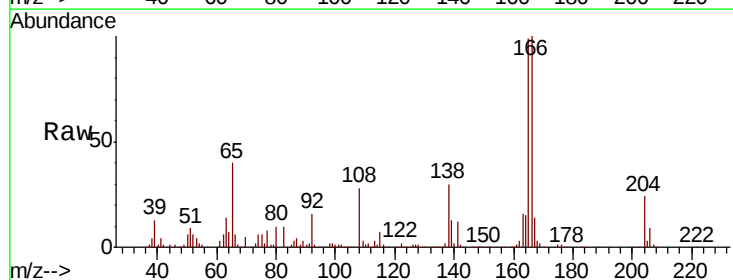
Instrument :
 BNA_G
 ClientSampled :

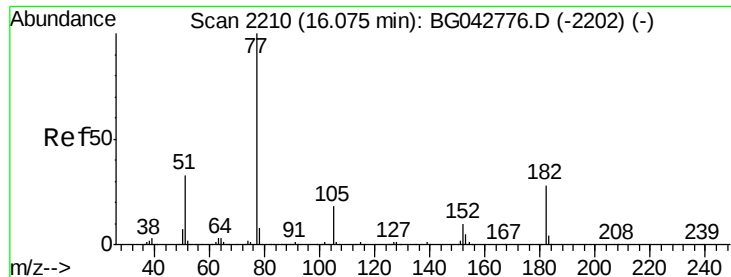
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.6	41.4
141	51.5	39.8	59.6



#62
 4-Nitroaniline
 Concen: 43.103 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG042823.D
 Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	31.4	71.4
108	94.6	74.8	114.8

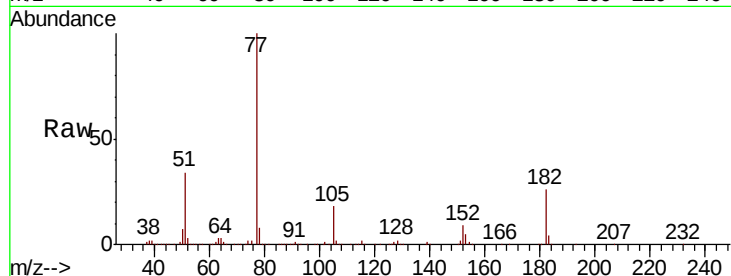




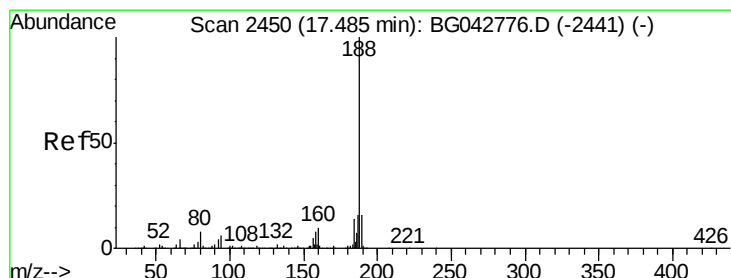
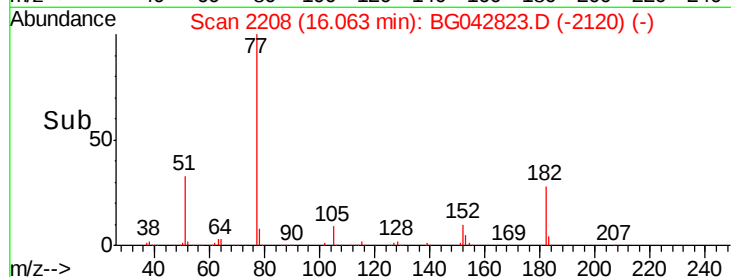
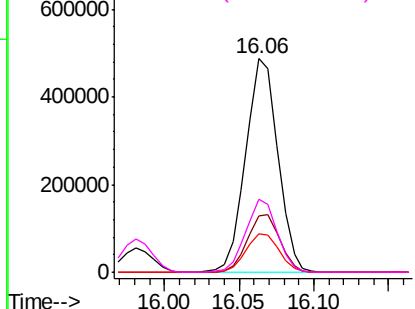
#63
Azobenzene
Concen: 42.580 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.4	8.1	48.1
105	17.8	0.0	38.1
51	34.0	12.9	52.9

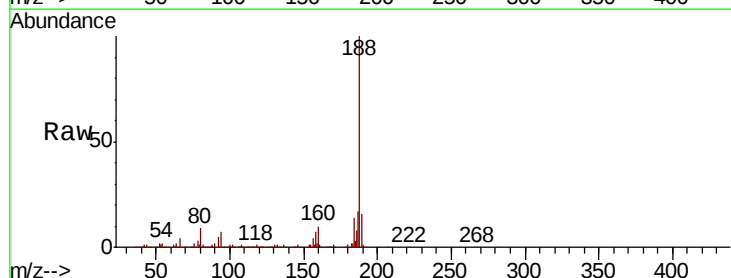


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

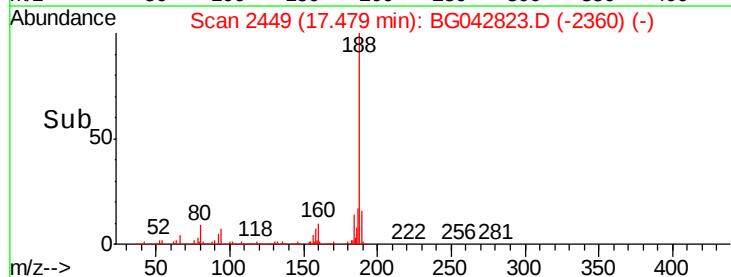
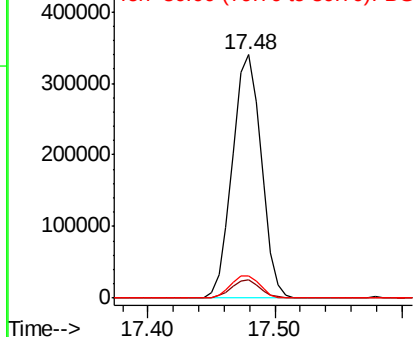


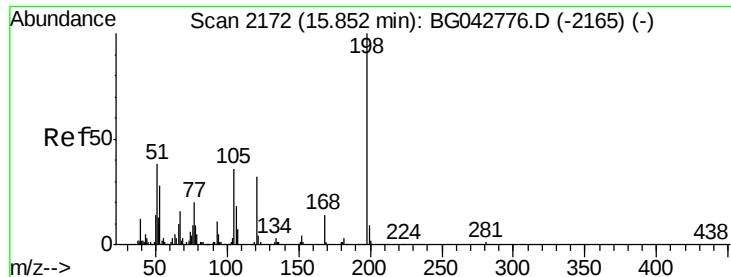
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	4.8	7.2#
80	9.3	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: 53.195 ng

RT: 15.85 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

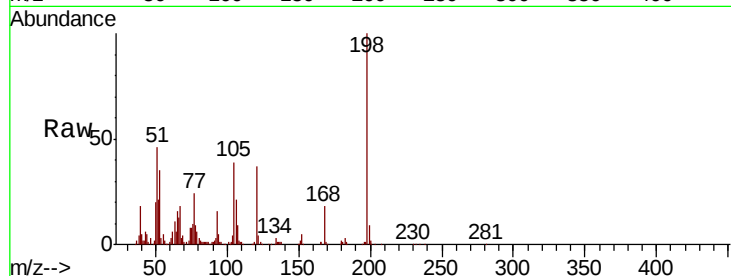
Tot Ion:198 Resp: 121922

Ion Ratio Lower Upper

198 100

51 46.1 20.9 60.9

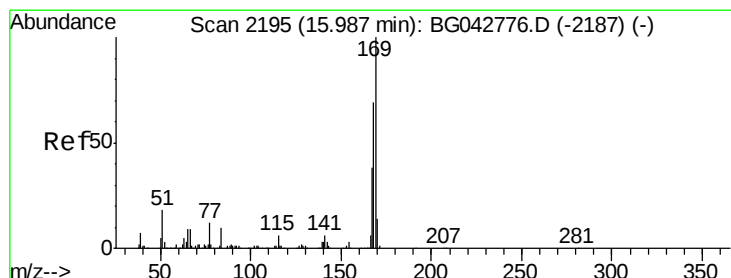
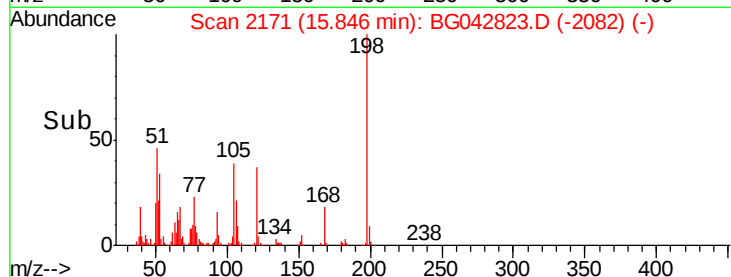
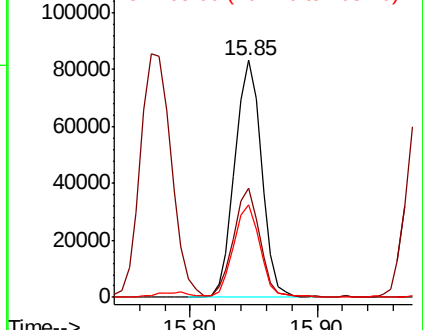
105 39.0 16.4 56.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.290 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

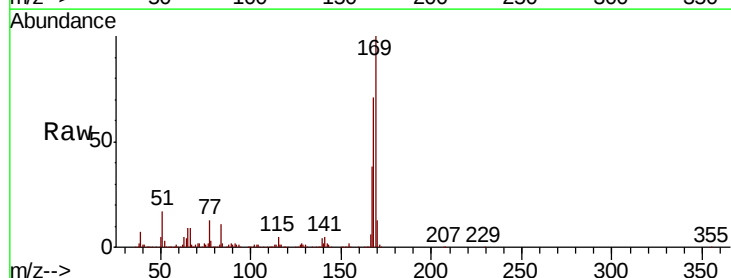
Tgt Ion:169 Resp: 638395

Ion Ratio Lower Upper

169 100

168 71.1 55.4 83.2

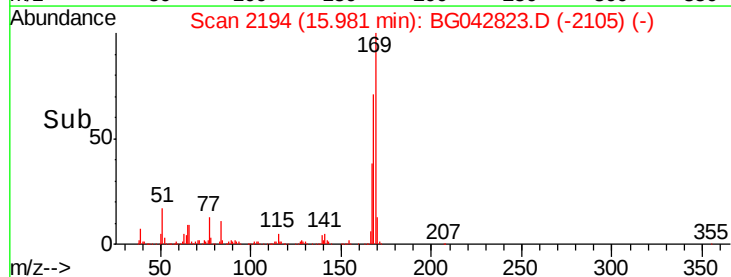
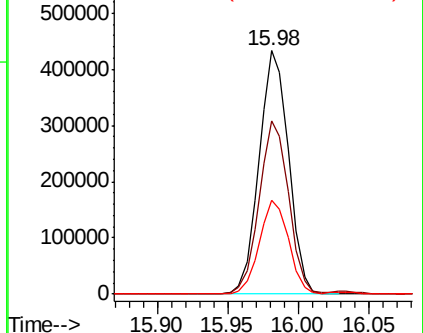
167 38.5 30.4 45.6

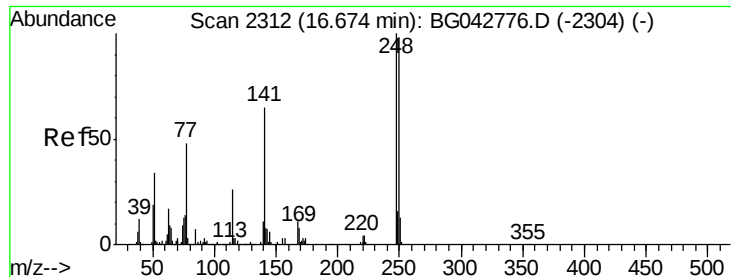


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

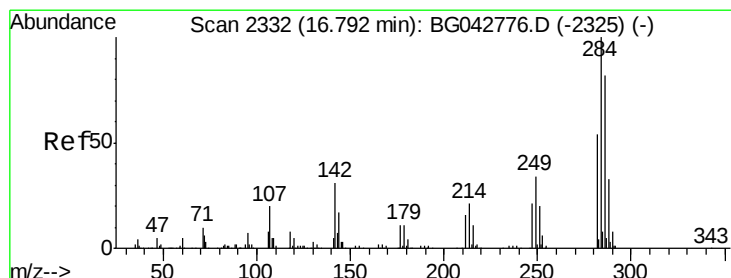
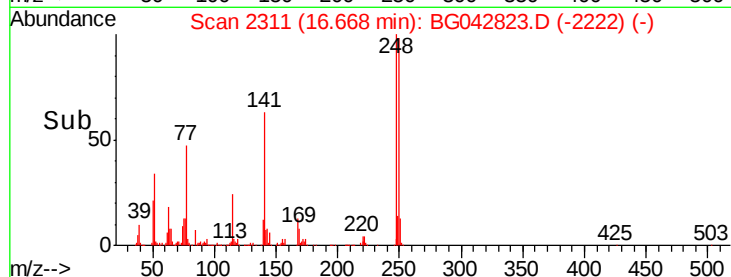
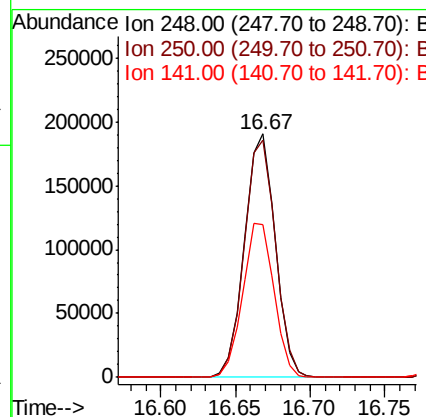
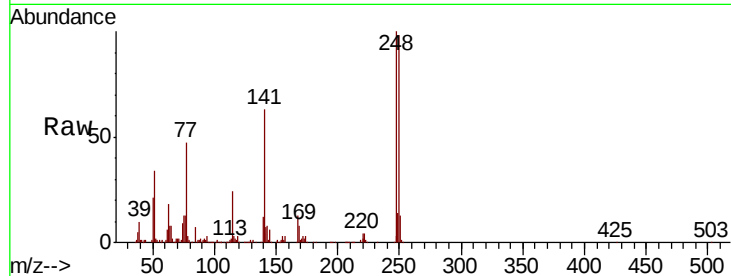




#67
4-Bromophenyl-phenylether
Concen: 41.926 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

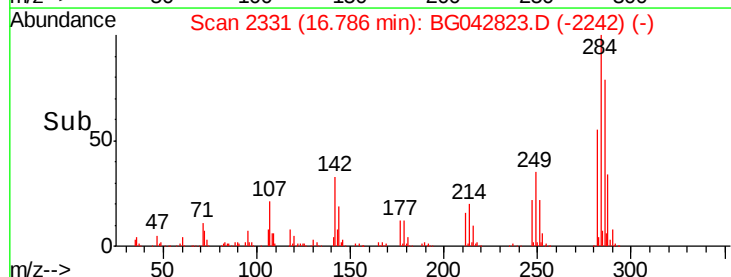
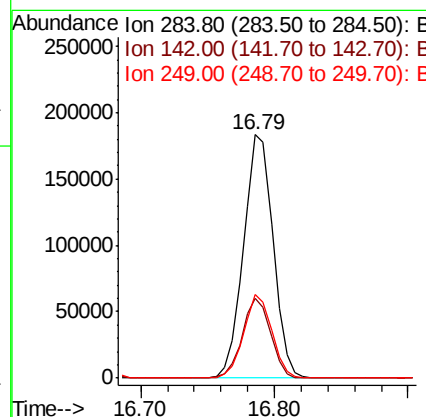
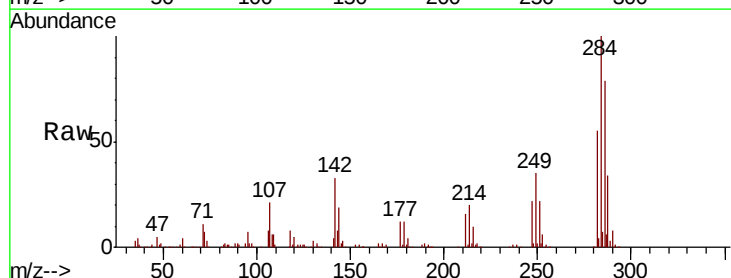
Instrument :
BNA_G
ClientSampleId :

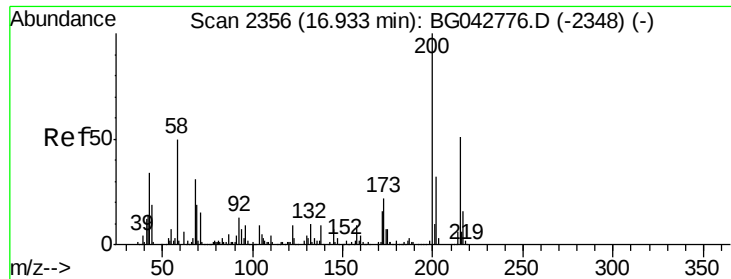
Tot Ion:248 Resp: 271822
Ion Ratio Lower Upper
248 100
250 97.6 78.0 117.0
141 62.9 51.8 77.6



#68
Hexachlorobenzene
Concen: 40.267 ng
RT: 16.79 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion:284 Resp: 278959
Ion Ratio Lower Upper
284 100
142 32.6 24.7 37.1
249 34.6 27.0 40.4





#69

Atrazine

Concen: 50.133 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

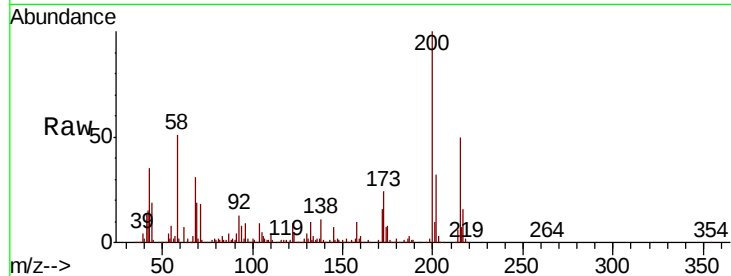
Tot Ion:200 Resp: 251641

Ion Ratio Lower Upper

200 100

173 23.9 2.5 42.5

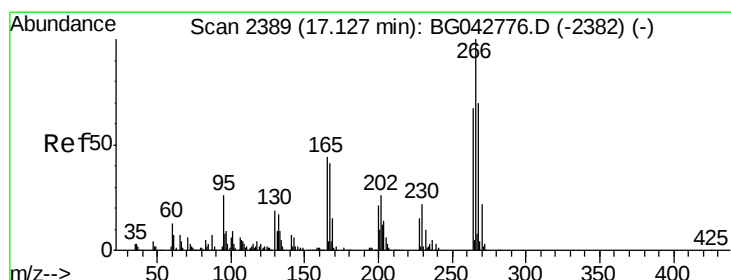
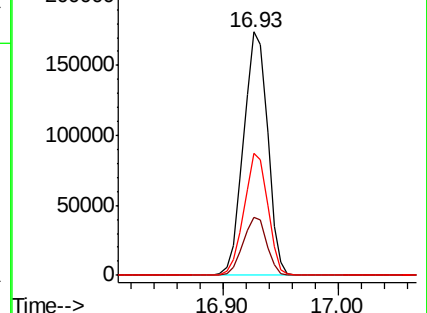
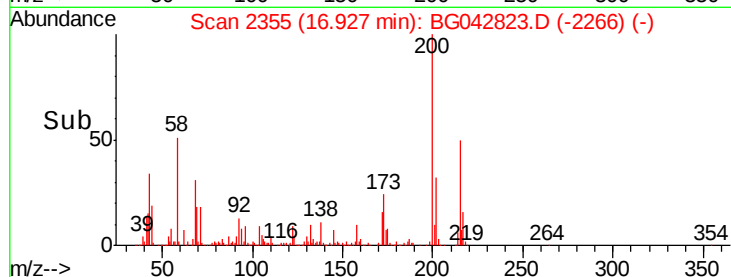
215 50.2 31.0 71.0



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: 95.504 ng

RT: 17.13 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

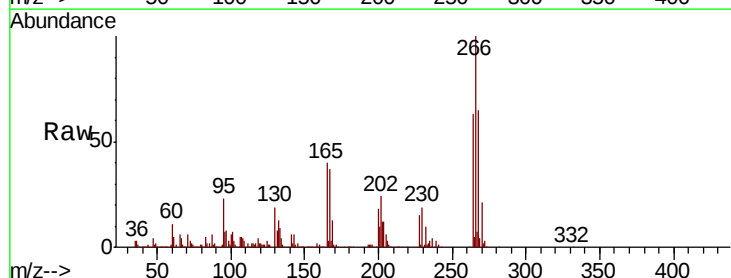
Tgt Ion:266 Resp: 392494

Ion Ratio Lower Upper

266 100

268 64.7 56.2 84.4

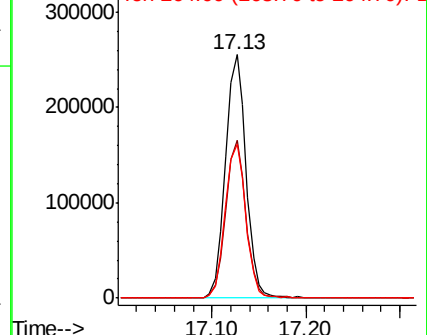
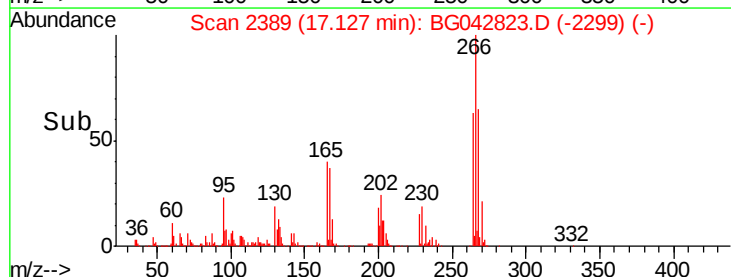
264 63.2 53.4 80.2

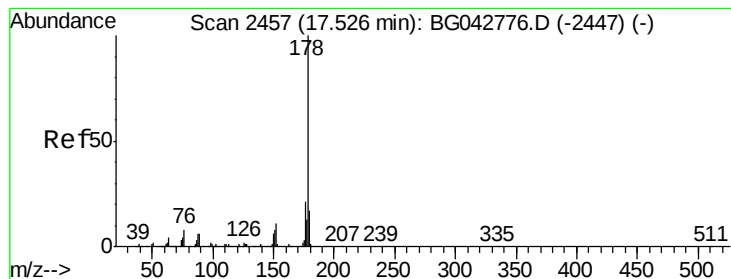


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.675 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampled :

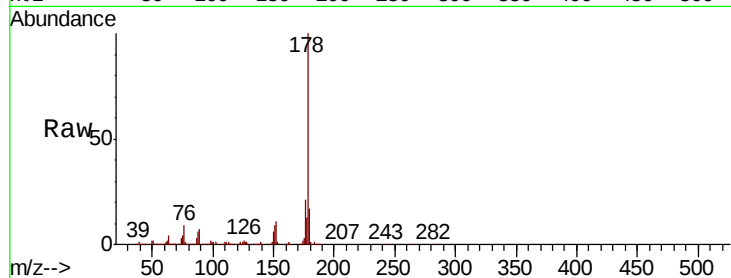
Tot Ion:178 Resp: 1118829

Ion Ratio Lower Upper

178 100

176 21.0 17.0 25.4

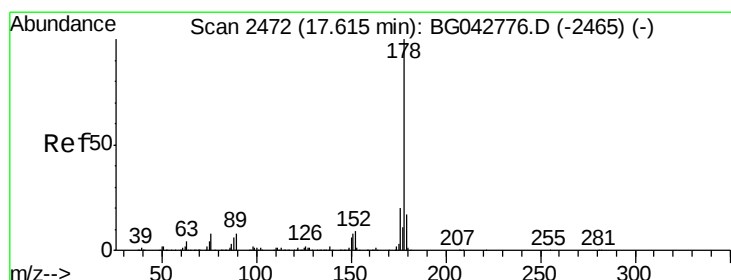
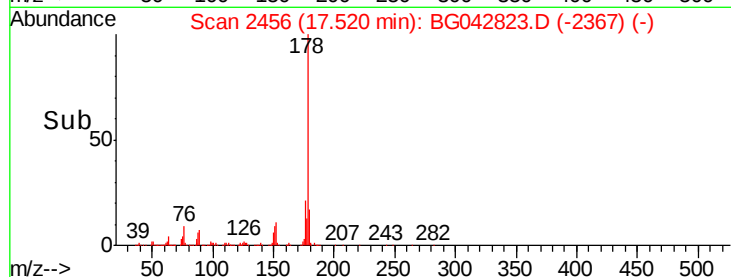
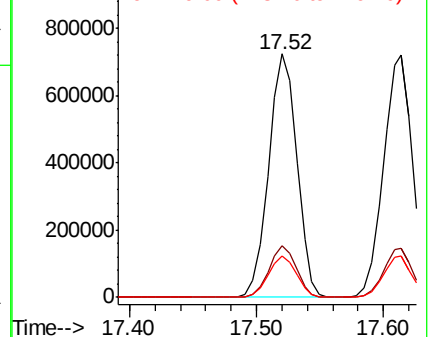
179 17.0 13.6 20.4



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: 44.782 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

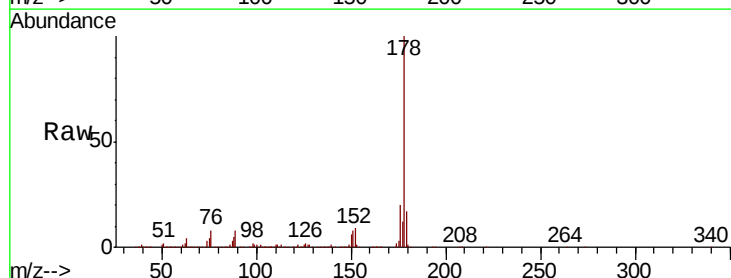
Tgt Ion:178 Resp: 1146101

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

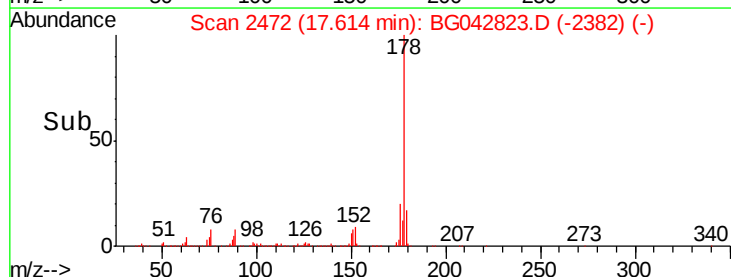
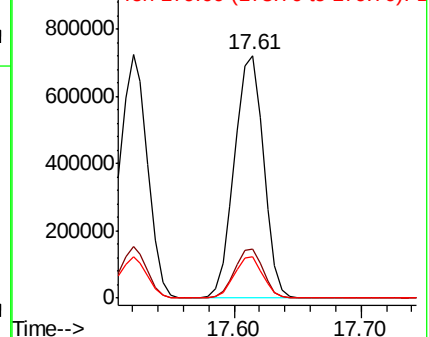
179 17.1 13.6 20.4

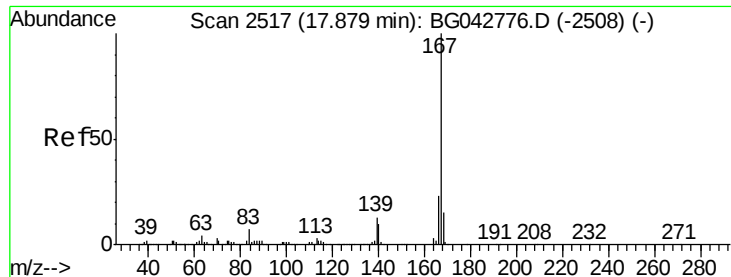


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.270 ng

RT: 17.87 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

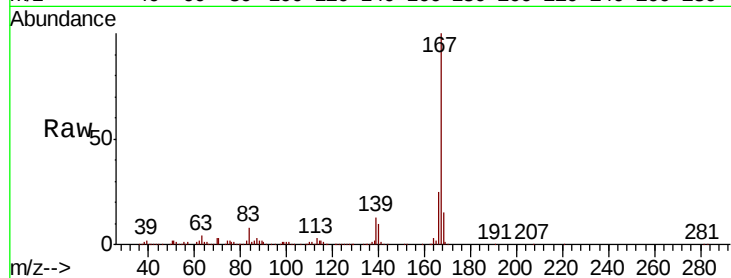
Tot Ion:167 Resp: 1052528

Ion Ratio Lower Upper

167 100

166 24.6 18.3 27.5

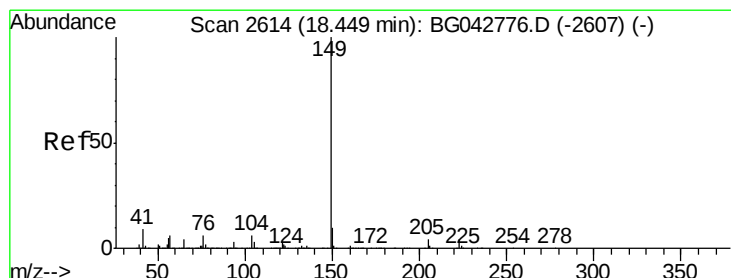
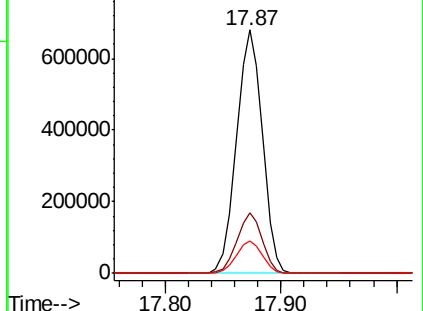
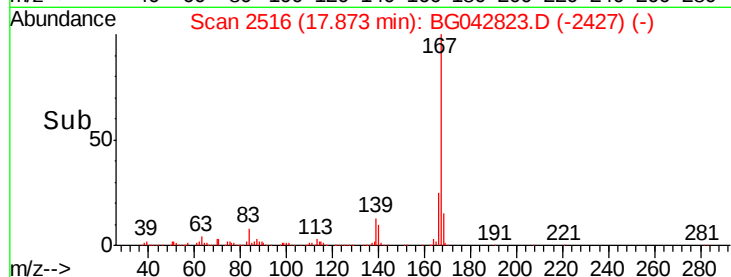
139 13.4 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.968 ng

RT: 18.44 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

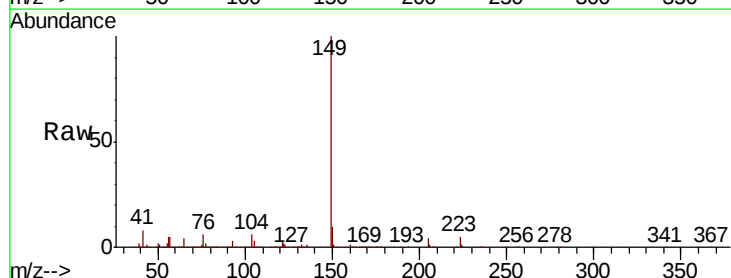
Tgt Ion:149 Resp: 1222903

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

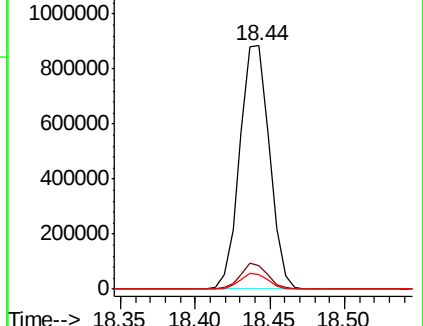
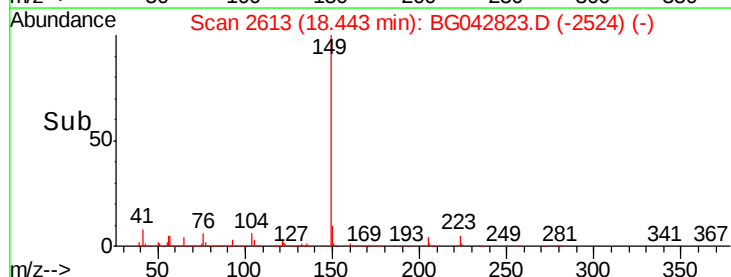
104 6.2 5.1 7.7

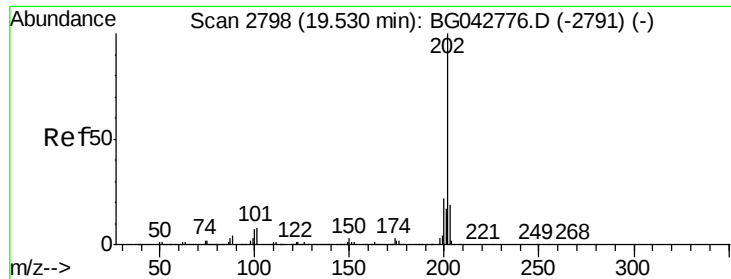


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.458 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

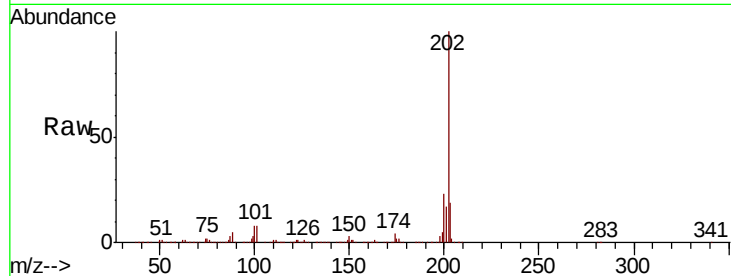
Tot Ion:202 Resp: 1442814

Ion Ratio Lower Upper

202 100

101 7.9 0.0 27.8

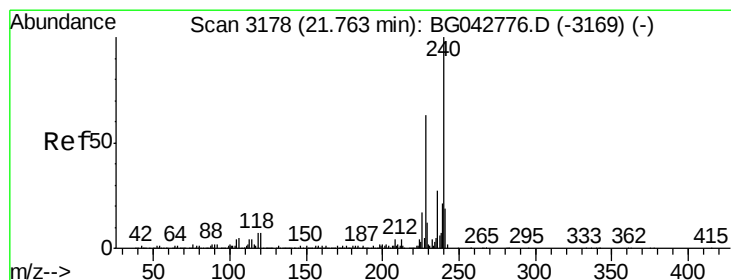
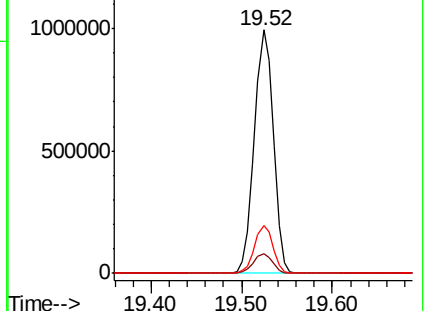
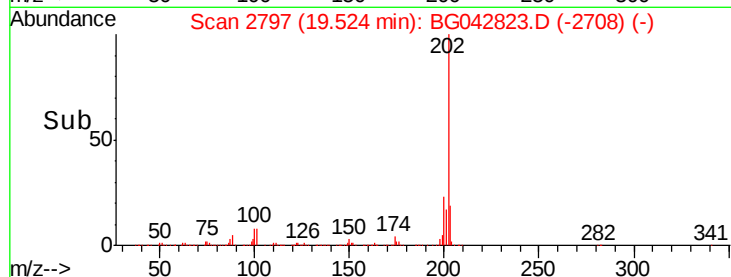
203 19.4 0.0 39.1



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: BG042823.D

Acq: 13 Sep 2019 19:11

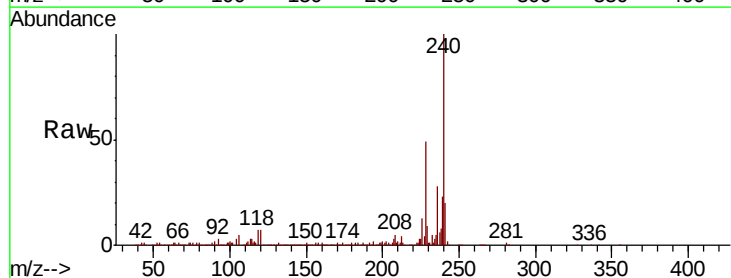
Tgt Ion:240 Resp: 518340

Ion Ratio Lower Upper

240 100

120 6.8 5.4 8.2

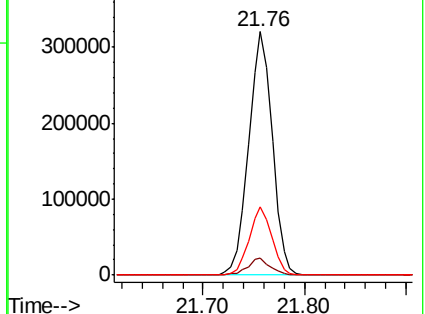
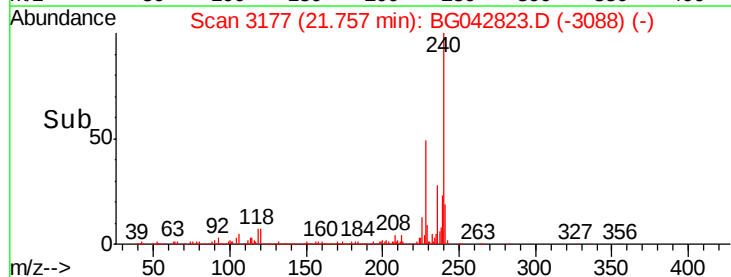
236 27.9 21.7 32.5

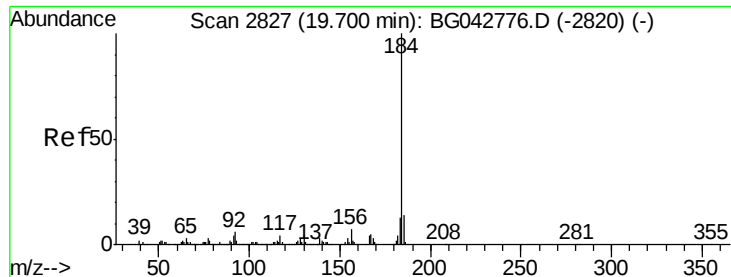


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.189 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

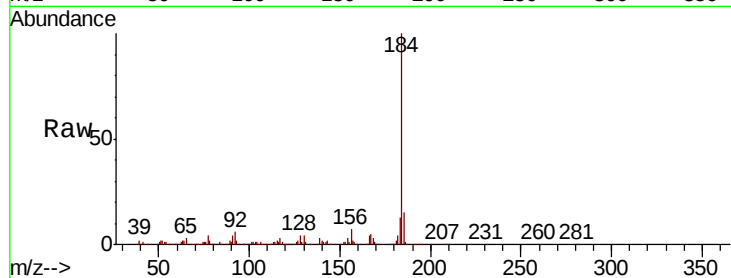
Tot Ion:184 Resp: 770274

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

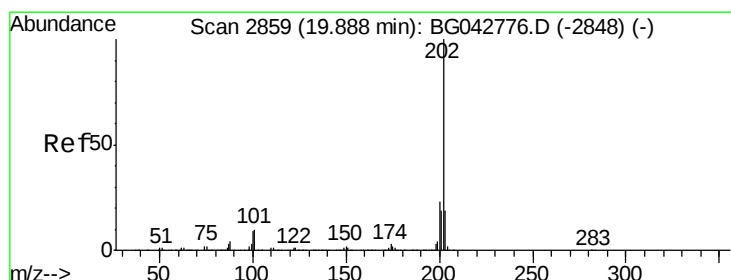
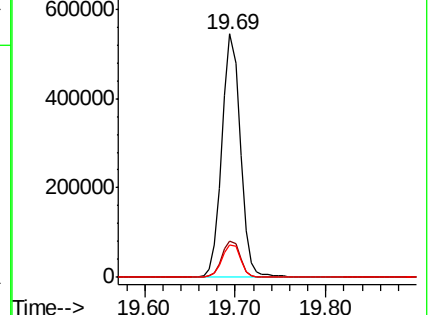
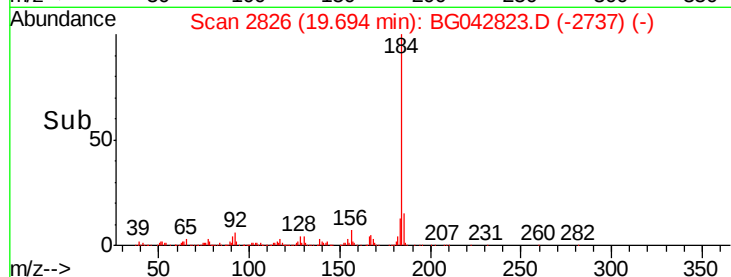
183 13.4 10.4 15.6



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



#78

Pyrene

Concen: 44.619 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

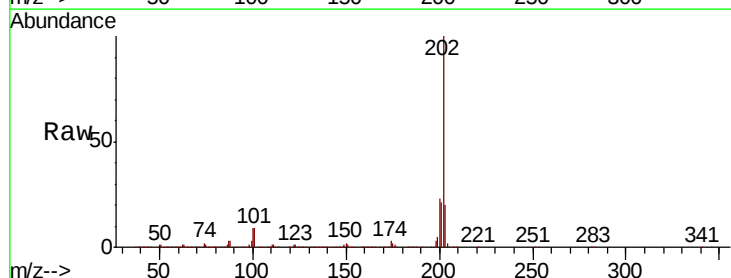
Tgt Ion:202 Resp: 1447962

Ion Ratio Lower Upper

202 100

200 23.3 18.5 27.7

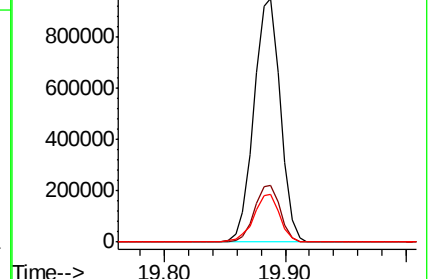
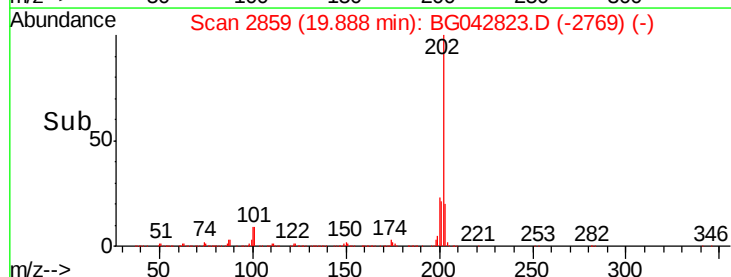
203 19.6 15.3 22.9

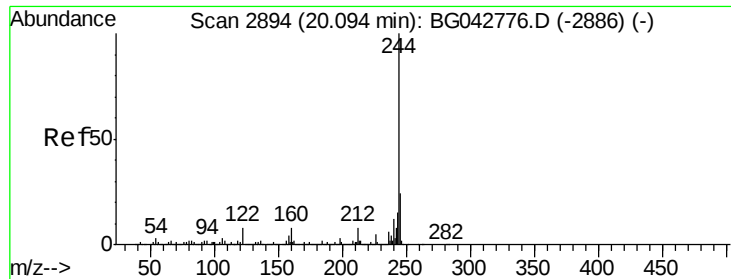


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.701 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

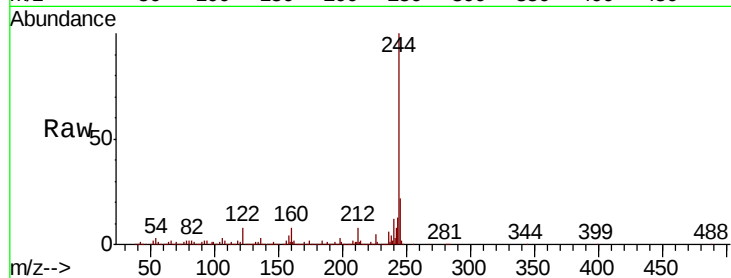
Tot Ion:244 Resp: 1396288

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

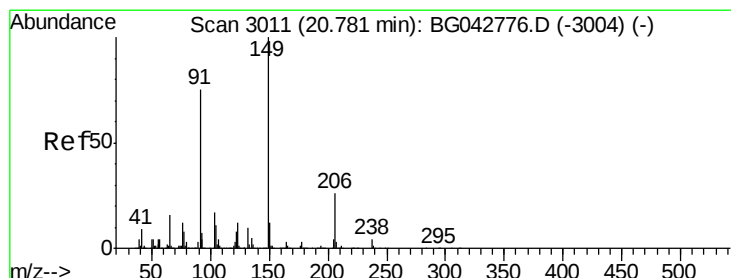
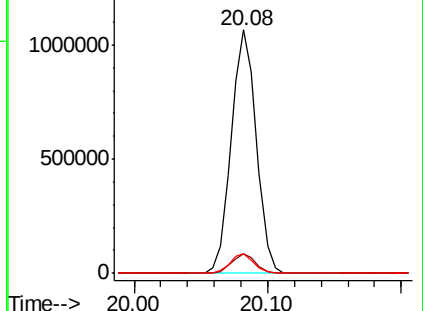
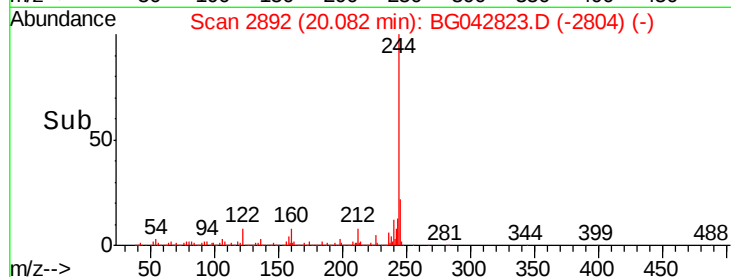
122 7.9 6.2 9.4



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: 43.154 ng

RT: 20.78 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

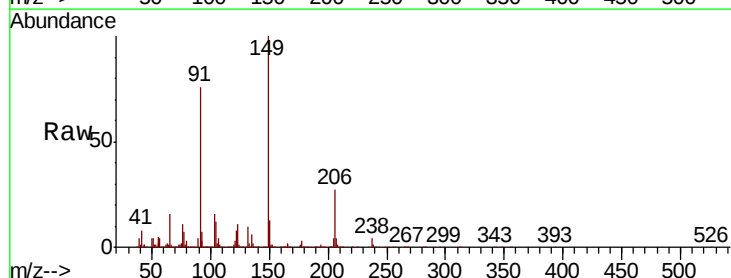
Tgt Ion:149 Resp: 566758

Ion Ratio Lower Upper

149 100

91 75.6 60.2 90.2

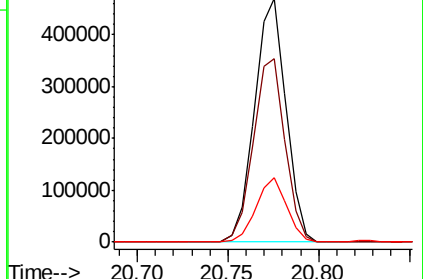
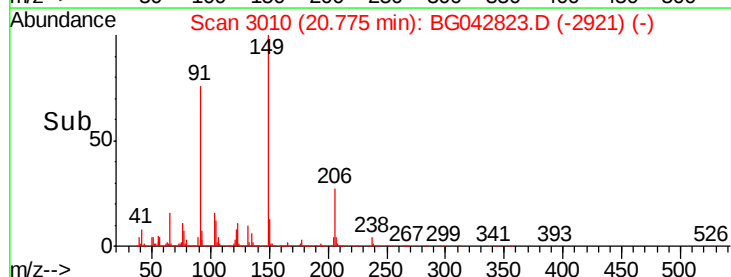
206 26.5 20.6 30.8

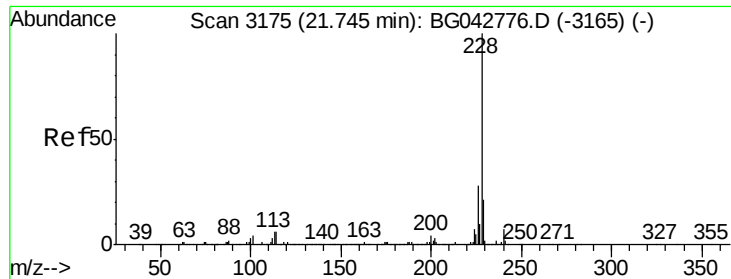


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

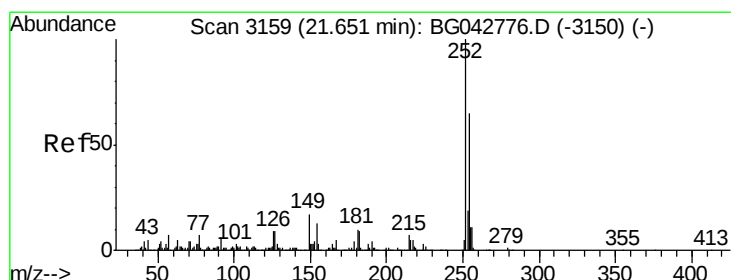
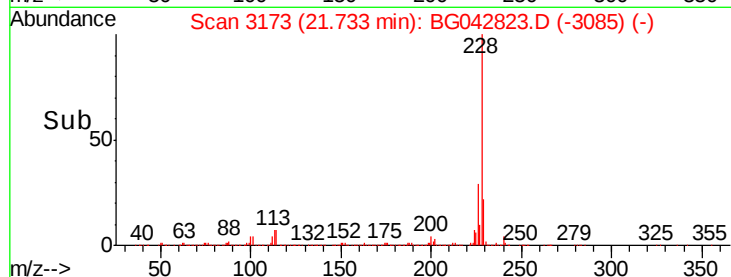
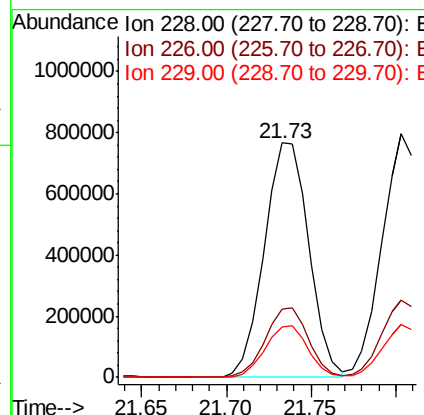
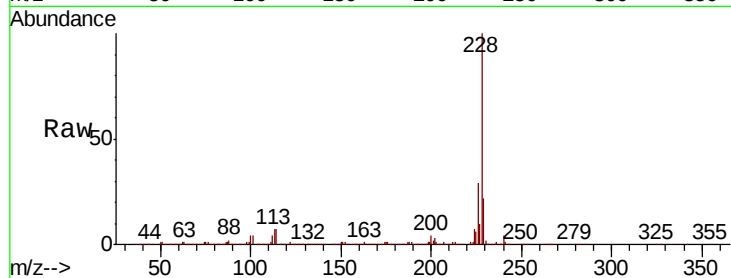




#81
Benzo(a)anthracene
Concen: 42.518 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

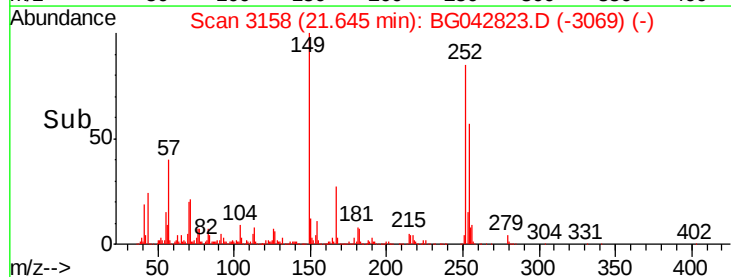
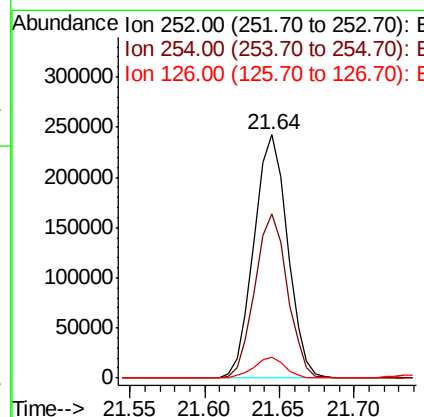
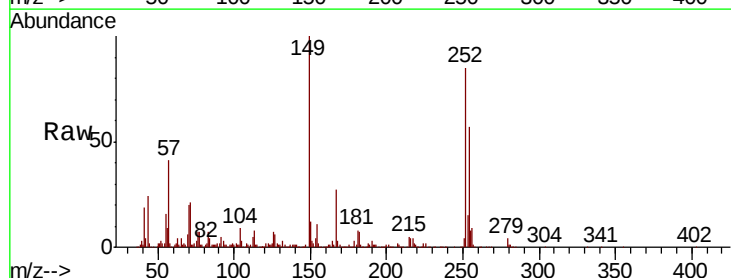
Instrument :
BNA_G
ClientSampleId :

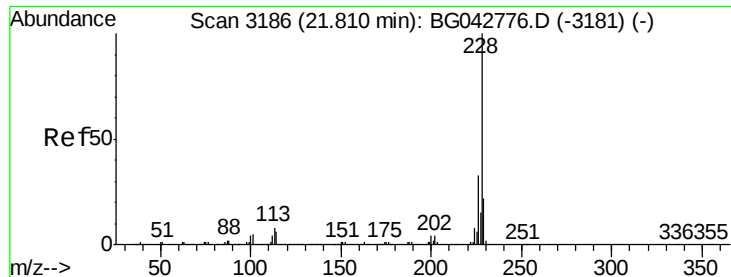
Tot Ion:228 Resp: 1401247
Ion Ratio Lower Upper
228 100
226 29.2 22.5 33.7
229 21.6 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 29.469 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion:252 Resp: 377430
Ion Ratio Lower Upper
252 100
254 67.5 52.2 78.2
126 8.5 7.0 10.4





#83

Chrysene

Concen: 43.106 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

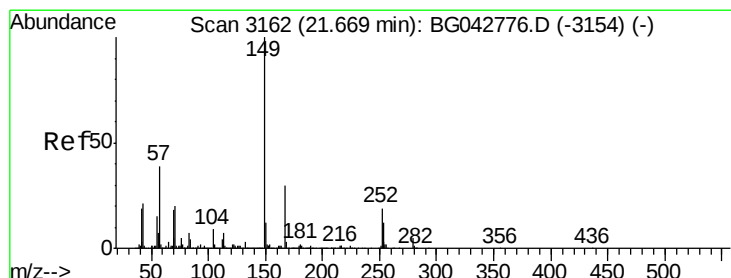
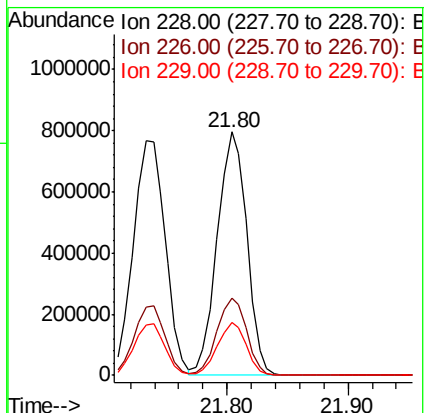
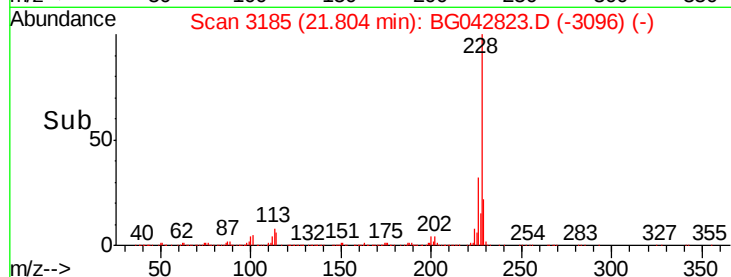
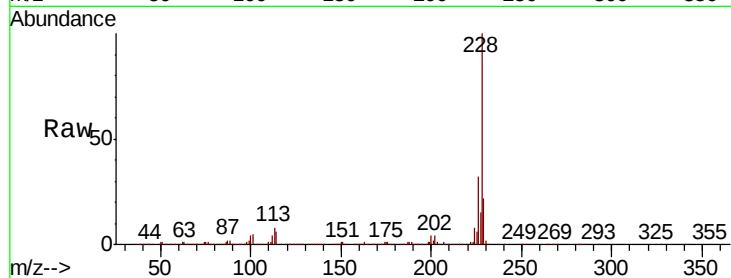
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1345679

Ion	Ratio	Lower	Upper
228	100		
226	31.9	26.0	39.0
229	21.5	17.1	25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.817 ng

RT: 21.66 min Scan# 3160

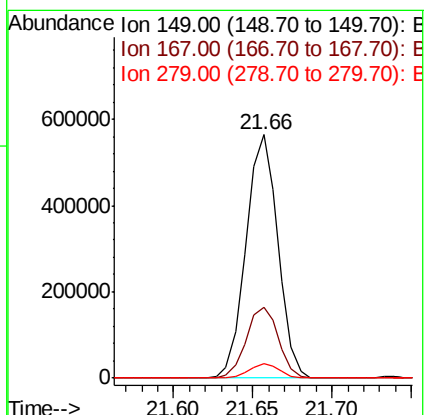
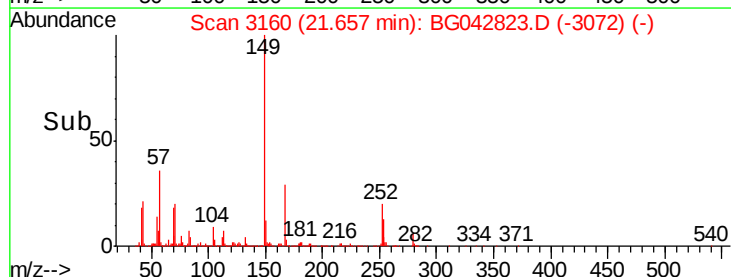
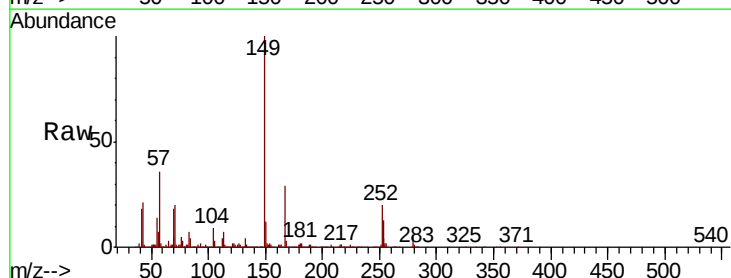
Delta R.T. -0.01 min

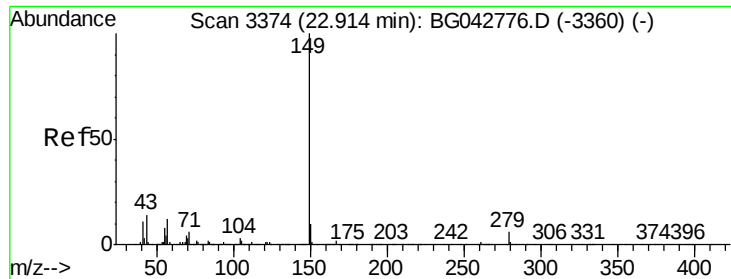
Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Tgt Ion:149 Resp: 786301

Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.3	36.5
279	6.0	4.2	6.4

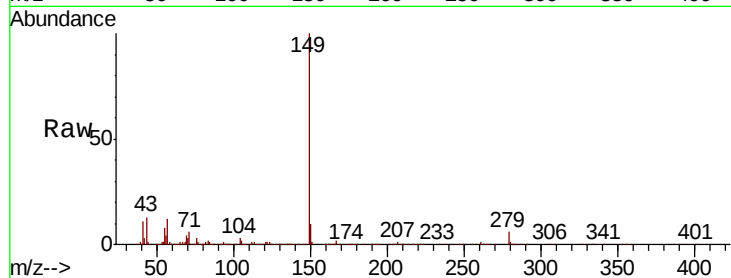




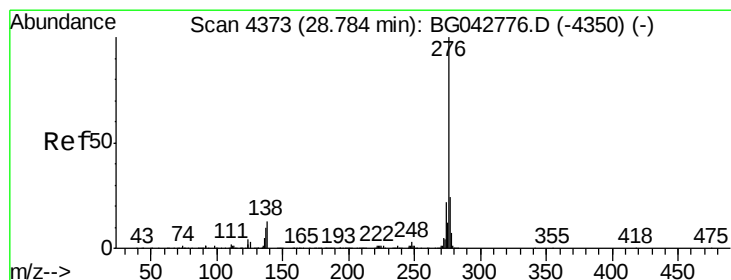
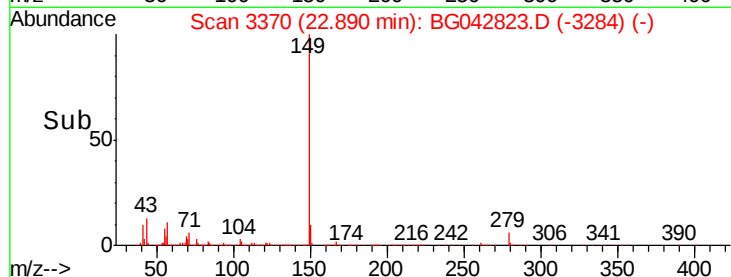
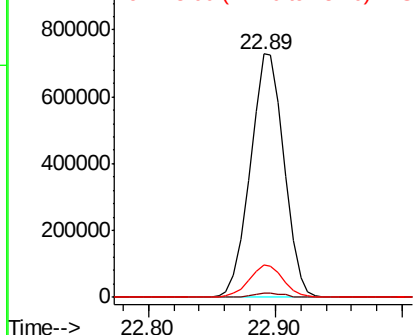
#85
Di-n-octyl phthalate
Concen: 43.945 ng
RT: 22.89 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1344367
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 13.1 10.6 15.8

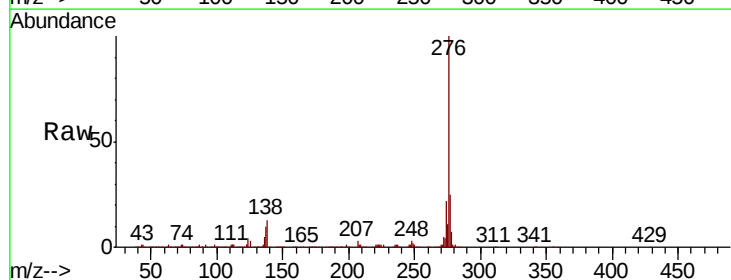


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

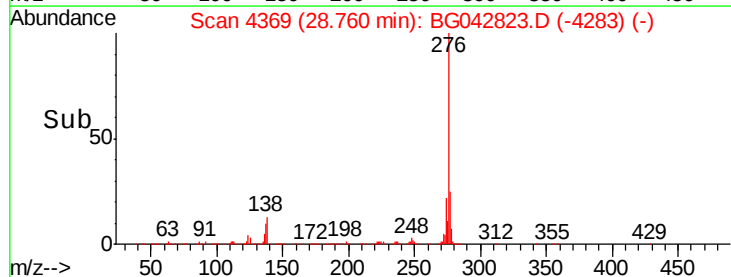
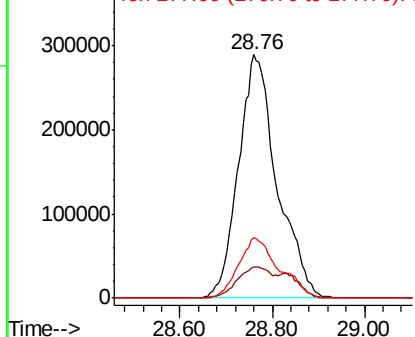


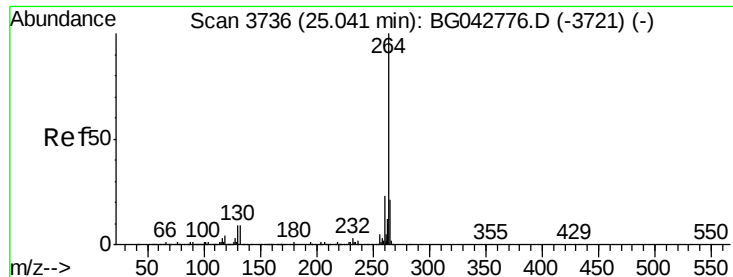
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.421 ng
RT: 28.76 min Scan# 4369
Delta R.T. -0.02 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion:276 Resp: 1678615
Ion Ratio Lower Upper
276 100
138 11.9 9.3 13.9
277 26.2 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: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

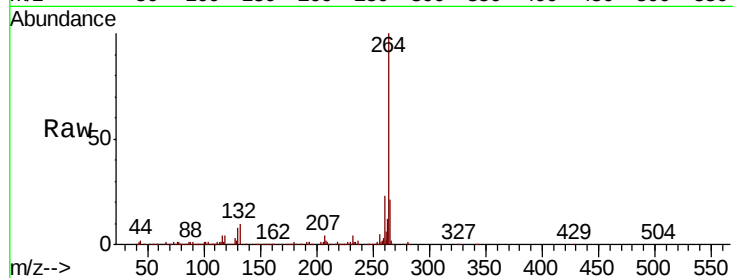
Tot Ion:264 Resp: 582842

Ion Ratio Lower Upper

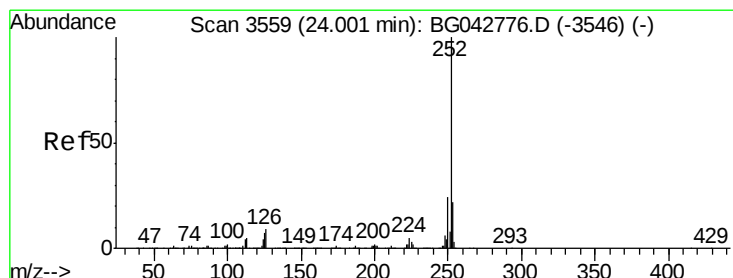
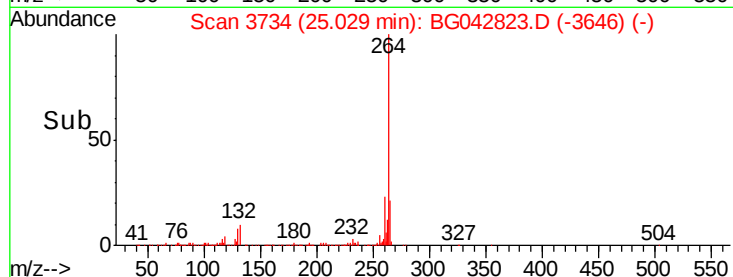
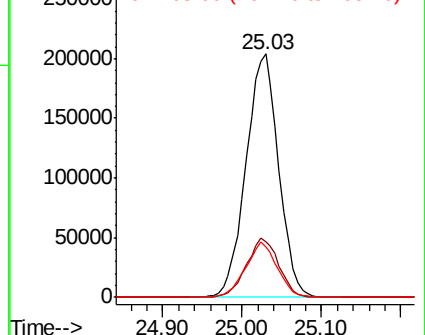
264 100

260 22.9 18.2 27.2

265 20.9 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: 43.048 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.01 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

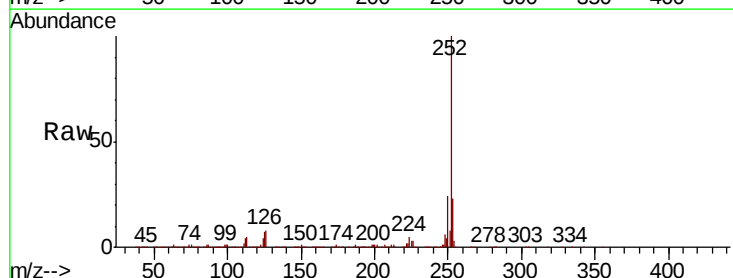
Tgt Ion:252 Resp: 1473242

Ion Ratio Lower Upper

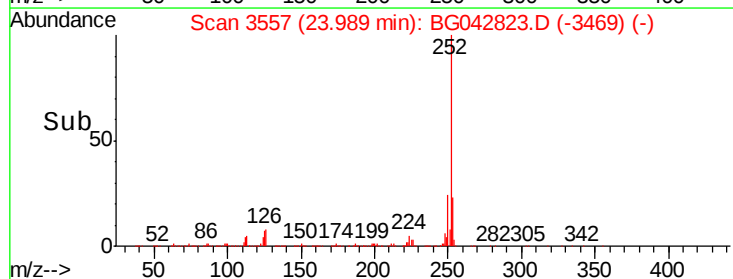
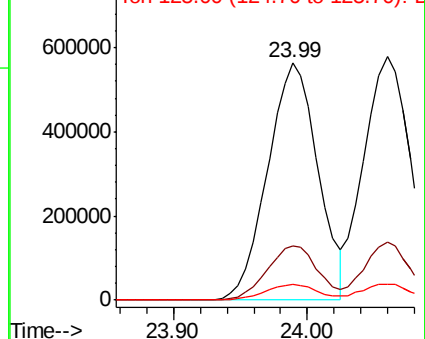
252 100

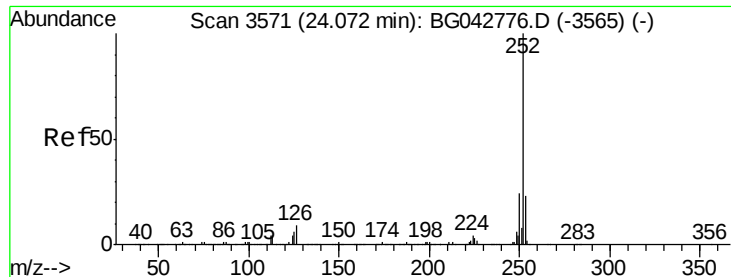
253 23.1 17.9 26.9

125 6.9 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

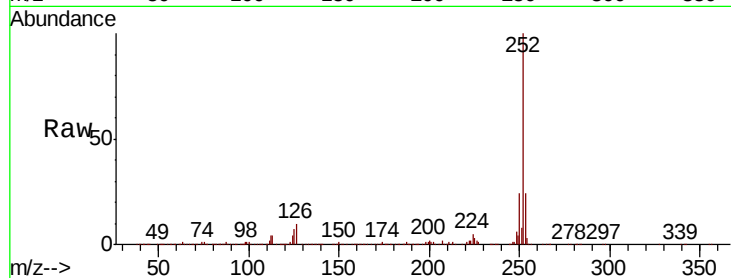




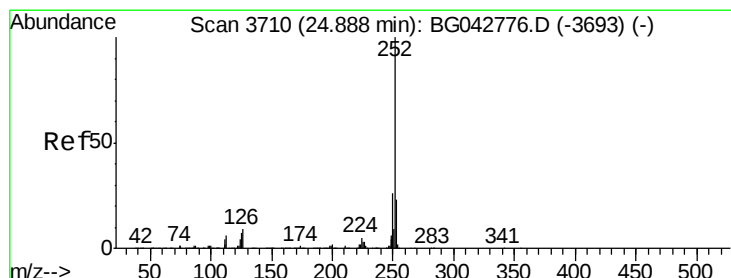
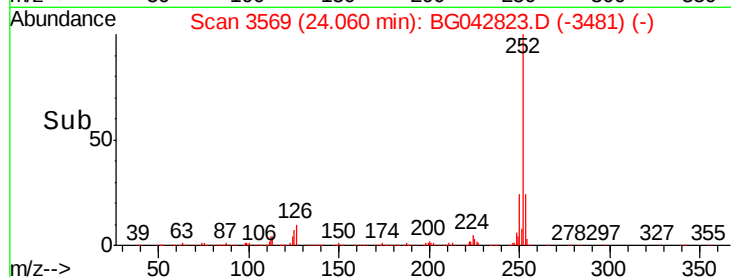
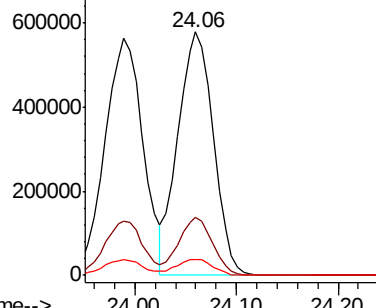
#89
Benzo(k)fluoranthene
Concen: 43.290 ng
RT: 24.06 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1399462
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.4
125 6.7 5.3 7.9

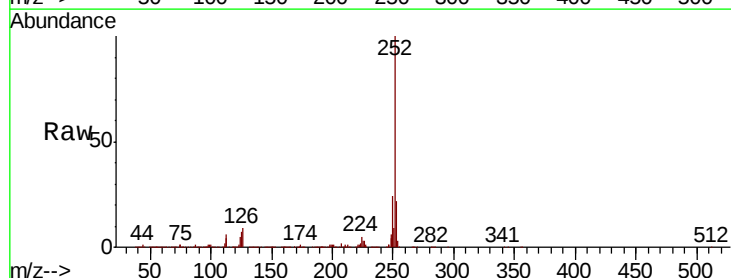


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

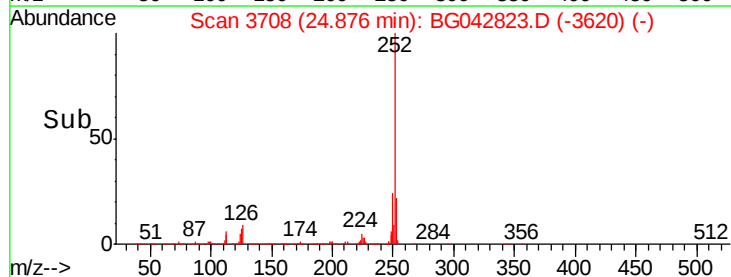
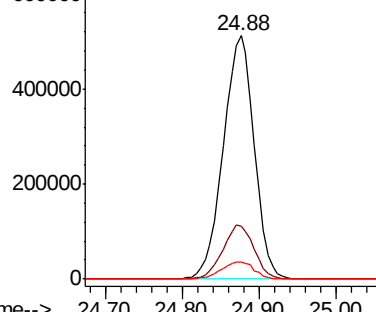


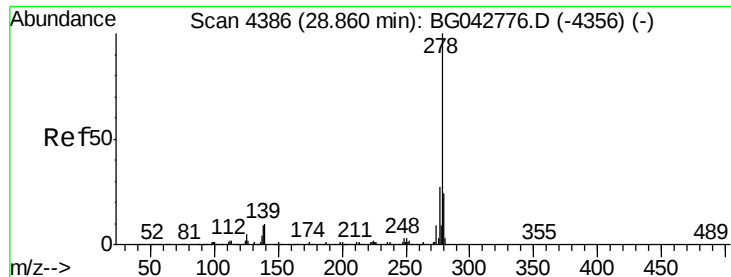
#90
Benzo(a)pyrene
Concen: 44.778 ng
RT: 24.88 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG042823.D
Acq: 13 Sep 2019 19:11

Tgt Ion:252 Resp: 1434925
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 6.8 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: 44.253 ng

RT: 28.84 min Scan# 4382

Delta R.T. -0.02 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

Instrument :

BNA_G

ClientSampleId :

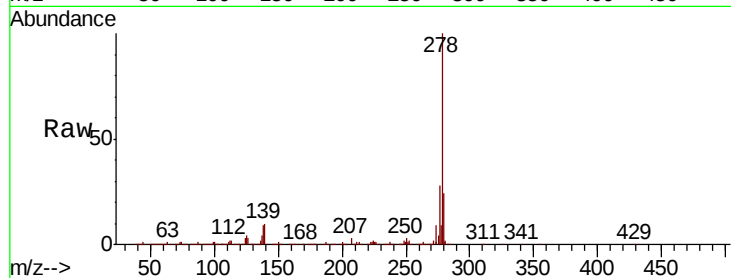
Tot Ion:278 Resp: 1394779

Ion Ratio Lower Upper

278 100

139 10.4 8.2 12.2

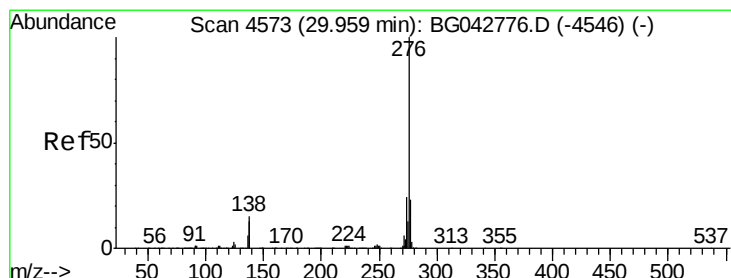
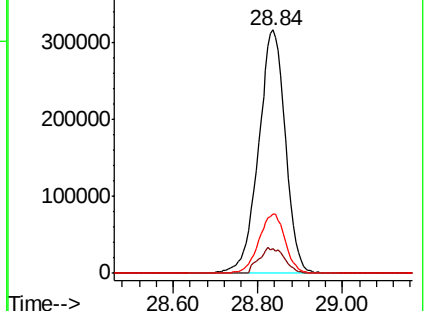
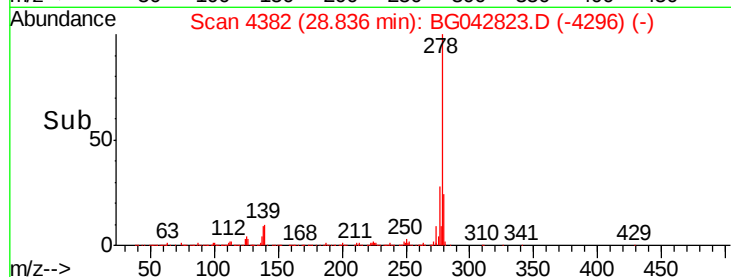
279 24.4 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.689 ng

RT: 29.94 min Scan# 4569

Delta R.T. -0.02 min

Lab File: BG042823.D

Acq: 13 Sep 2019 19:11

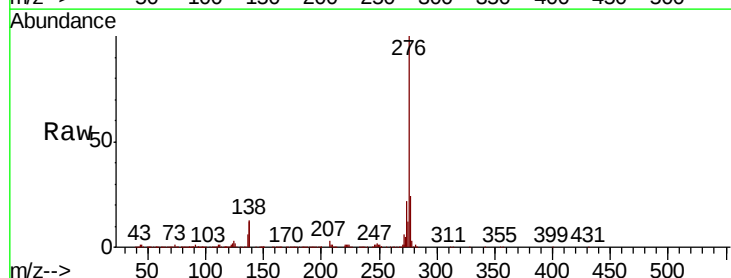
Tgt Ion:276 Resp: 1373853

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 13.5 11.8 17.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

