

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
 Data File : BG040822.D
 Acq On : 9 May 2019 19:09
 Operator : HP/JU
 Sample : PB119587BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119587BS

Quant Time: May 10 06:22:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	47263	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	187935	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	141556	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	388030	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	393521	20.00	ng	-0.02
87) Perylene-d12	25.16	264	372478	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	392522	146.40	ng	-0.01
7) Phenol-d6	7.28	99	560487	135.77	ng	-0.01
23) Nitrobenzene-d5	9.32	82	340152	83.63	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	306640	157.60	ng	-0.01
45) 2-Fluorobiphenyl	13.39	172	745535	76.06	ng	-0.02
79) Terphenyl-d14	20.11	244	1536679	86.51	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	46105	37.811	ng	# 88
3) Pyridine	3.95	79	118118	33.420	ng	98
4) n-Nitrosodimethylamine	3.86	42	68471	34.927	ng	# 99
6) Aniline	7.46	93	146431	26.761	ng	97
8) 2-Chlorophenol	7.70	128	128817	39.347	ng	98
9) Benzaldehyde	7.28	77	82162	31.015	ng	95
10) Phenol	7.31	94	176044	39.670	ng	95
11) bis(2-Chloroethyl)ether	7.56	93	117893	35.427	ng	97
12) 1,3-Dichlorobenzene	8.03	146	135585	37.943	ng	97
13) 1,4-Dichlorobenzene	8.18	146	137708	38.016	ng	96
14) 1,2-Dichlorobenzene	8.50	146	130257	37.286	ng	98
15) Benzyl Alcohol	8.38	79	145318	33.830	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	200923	30.327	ng	95
17) 2-Methylphenol	8.57	107	120298	38.305	ng	95
18) Hexachloroethane	9.23	117	52171	35.109	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	115831	31.169	ng	97
20) 3+4-Methylphenols	8.90	107	164715	37.650	ng	94
22) Acetophenone	8.97	105	213844	40.919	ng	# 94
24) Nitrobenzene	9.36	77	179668	41.402	ng	95
25) Isophorone	9.87	82	324002	35.762	ng	100
26) 2-Nitrophenol	10.07	139	75649	48.631	ng	99
27) 2,4-Dimethylphenol	10.11	122	132732	45.477	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	169432	37.274	ng	98
29) 2,4-Dichlorophenol	10.60	162	149889	45.173	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	160623	43.652	ng	99
31) Naphthalene	11.01	128	401087	40.171	ng	96
32) Benzoic acid	10.22	122	75679	37.877	ng	85
33) 4-Chloroaniline	11.13	127	110654	24.996	ng	93
34) Hexachlorobutadiene	11.28	225	116145	42.755	ng	98
35) Caprolactam	11.90	113	51216	39.096	ng	95
36) 4-Chloro-3-methylphenol	12.22	107	175053	41.820	ng	98
37) 2-Methylnaphthalene	12.61	142	304486	40.788	ng	99
38) 1-Methylnaphthalene	12.83	142	291309	39.923	ng	# 94
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	212496	40.296	ng	99

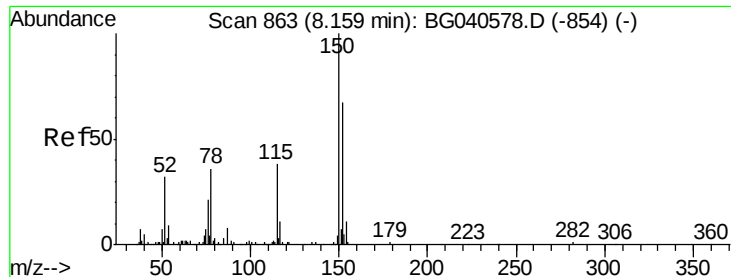
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	247413	79.511	ng	99
43) 2,4,6-Trichlorophenol	13.20	196	144447	45.328	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	158281	45.595	ng	97
46) 1,1'-Biphenyl	13.60	154	410951	37.391	ng	98
47) 2-Chloronaphthalene	13.66	162	343235	39.906	ng	95
48) 2-Nitroaniline	13.86	65	139688	45.625	ng	98
49) Acenaphthylene	14.50	152	541133	37.082	ng	99
50) Dimethylphthalate	14.22	163	466406	39.380	ng	99
51) 2,6-Dinitrotoluene	14.34	165	103117	44.610	ng	95
52) Acenaphthene	14.84	154	321457	37.826	ng	93
53) 3-Nitroaniline	14.68	138	85594	36.140	ng	97
54) 2,4-Dinitrophenol	14.88	184	69731	55.812	ng	# 88
55) Dibenzofuran	15.17	168	557315	40.038	ng	96
56) 4-Nitrophenol	14.97	139	159678	77.752	ng	92
57) 2,4-Dinitrotoluene	15.13	165	155621	49.545	ng	91
58) Fluorene	15.81	166	444032	39.467	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	167762	48.013	ng	96
60) Diethylphthalate	15.57	149	483440	38.687	ng	100
61) 4-Chlorophenyl-phenylether	15.80	204	273844	41.850	ng	97
62) 4-Nitroaniline	15.84	138	112084	42.306	ng	95
63) Azobenzene	16.10	77	472939	36.750	ng	97
65) 4,6-Dinitro-2-methylphenol	15.88	198	69213	37.946	ng	88
66) n-Nitrosodiphenylamine	16.02	169	416756	36.505	ng	99
67) 4-Bromophenyl-phenylether	16.69	248	182613	37.774	ng	95
68) Hexachlorobenzene	16.81	284	194770	38.964	ng	97
69) Atrazine	16.95	200	184389	40.766	ng	97
70) Pentachlorophenol	17.15	266	229753	78.546	ng	96
71) Phenanthrene	17.56	178	798011	38.182	ng	99
72) Anthracene	17.65	178	814281	38.760	ng	99
73) Carbazole	17.92	167	718732	37.551	ng	97
74) Di-n-butylphthalate	18.45	149	871952	37.744	ng	100
75) Fluoranthene	19.56	202	1052656	40.416	ng	98
77) Benzidine	19.74	184	328777	30.514	ng	97
78) Pyrene	19.92	202	1041098	42.211	ng	98
80) Butylbenzylphthalate	20.79	149	400006	41.611	ng	94
81) Benzo(a)anthracene	21.78	228	1013255	40.741	ng	98
82) 3,3'-Dichlorobenzidine	21.69	252	274406	30.955	ng	99
83) Chrysene	21.85	228	997449	42.170	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	551540	39.747	ng	98
85) Di-n-octyl phthalate	22.90	149	930030	39.797	ng	96
86) Indeno(1,2,3-cd)pyrene	29.00	276	846928	29.616	ng	# 90
88) Benzo(b)fluoranthene	24.07	252	964346	42.367	ng	99
89) Benzo(k)fluoranthene	24.07	252	964346	45.366	ng	99
90) Benzo(a)pyrene	24.99	252	950919	44.135	ng	99
91) Dibenzo(a,h)anthracene	29.07	278	624297	28.633	ng	97
92) Benzo(g,h,i)perylene	30.22	276	688728	31.739	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

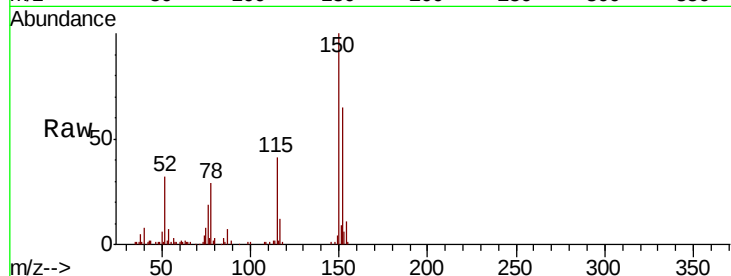
Tgt Ion:152 Resp: 47263

Ion Ratio Lower Upper

152 100

150 152.8 120.2 180.2

115 61.9 46.2 69.2

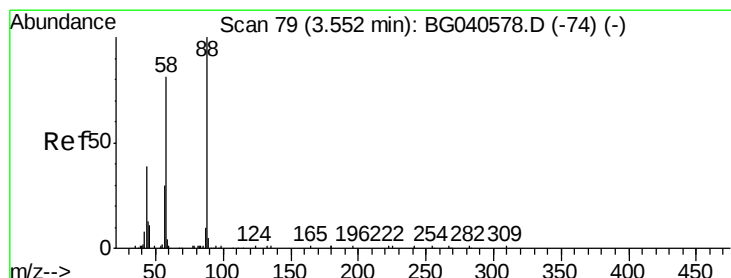
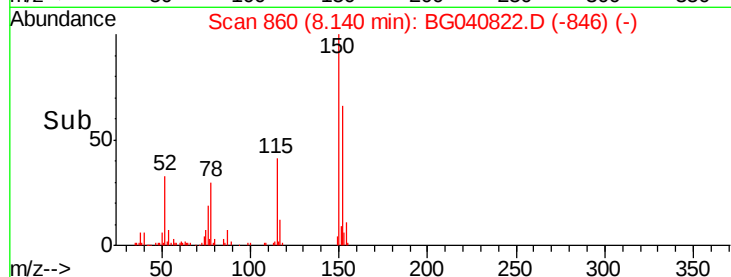
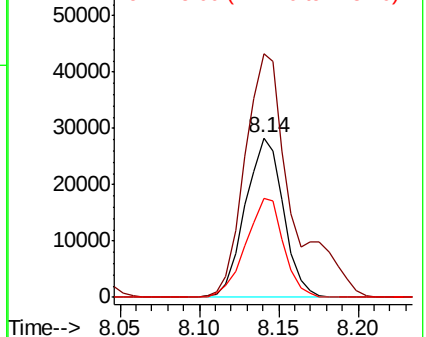


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.811 ng

RT: 3.54 min Scan# 77

Delta R.T. -0.01 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

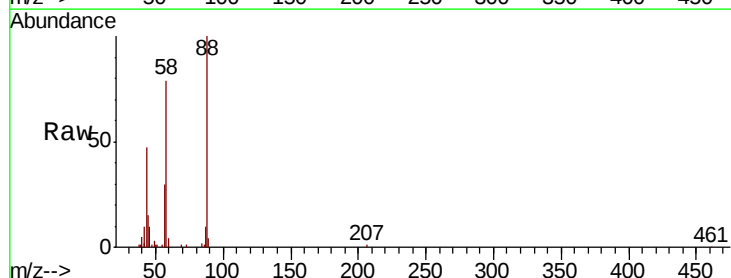
Tgt Ion: 88 Resp: 46105

Ion Ratio Lower Upper

88 100

58 78.3 71.2 106.8

43 35.5 35.6 53.4#

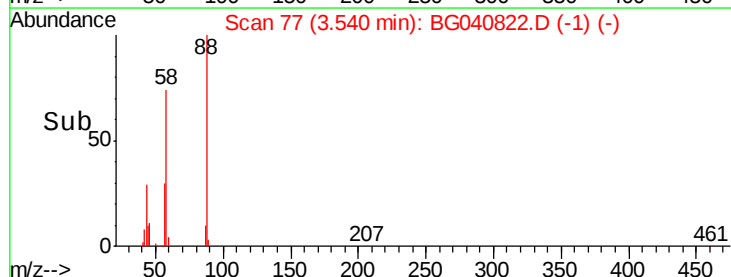
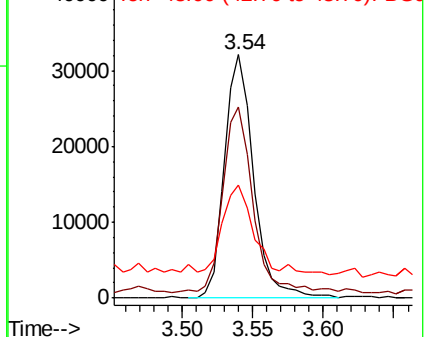


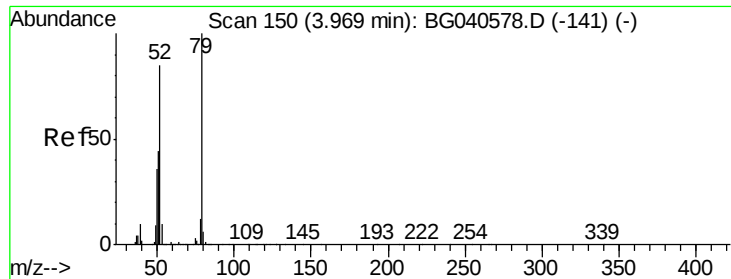
Abundance

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

Pyridine

Concen: 33.420 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

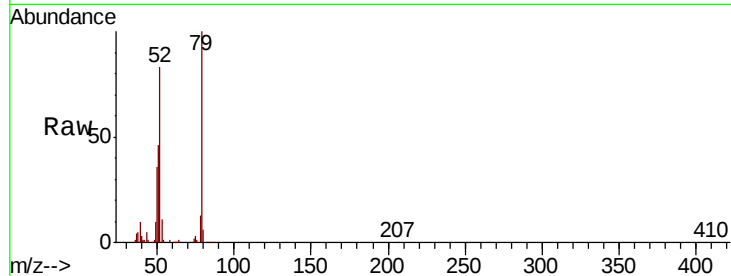
Tgt Ion: 79 Resp: 118118

Ion Ratio Lower Upper

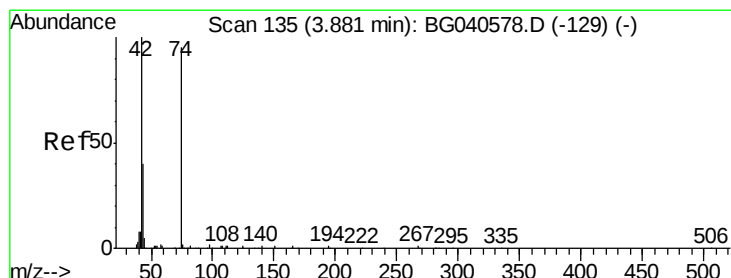
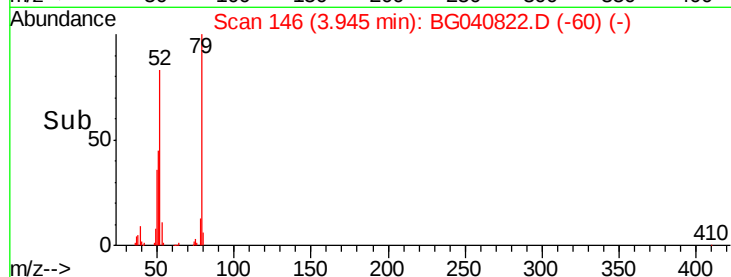
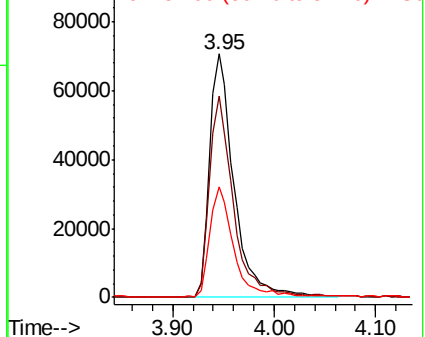
79 100

52 82.7 67.5 101.3

51 45.6 35.6 53.4



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: 34.927 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

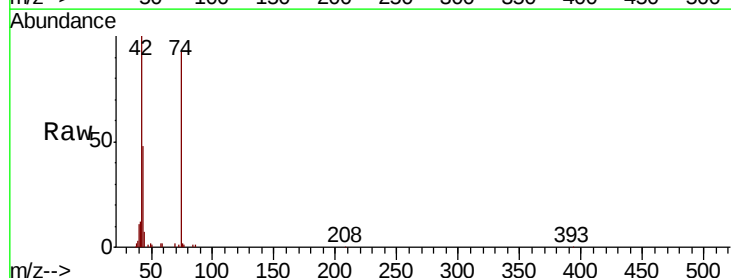
Tgt Ion: 42 Resp: 68471

Ion Ratio Lower Upper

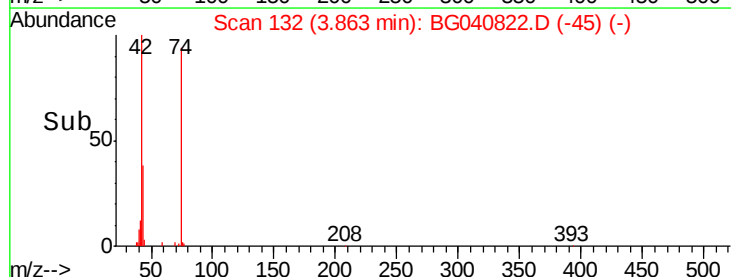
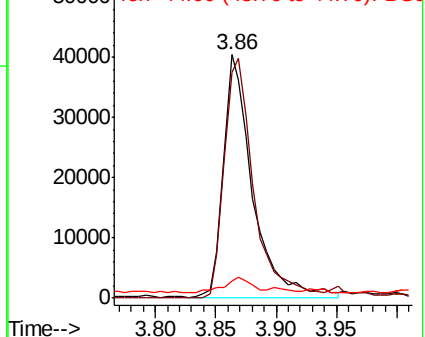
42 100

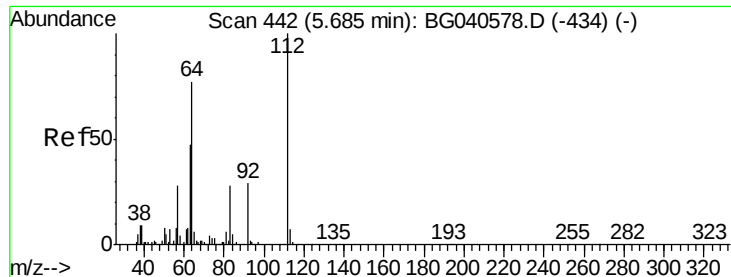
74 92.6 74.6 111.8

44 6.9 7.4 11.0#



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: 146.399 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

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PB119587BS

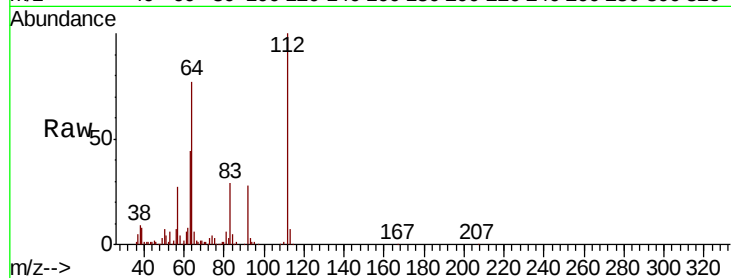
Tgt Ion: 112 Resp: 392522

Ion Ratio Lower Upper

112 100

64 76.8 61.4 92.0

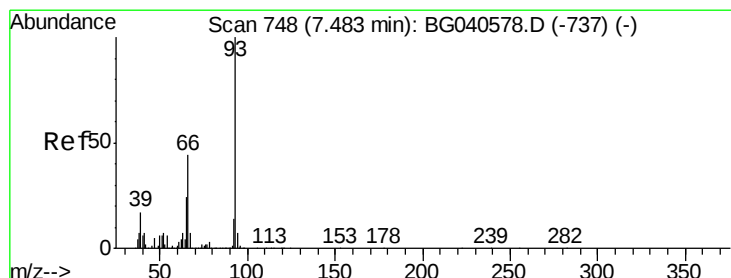
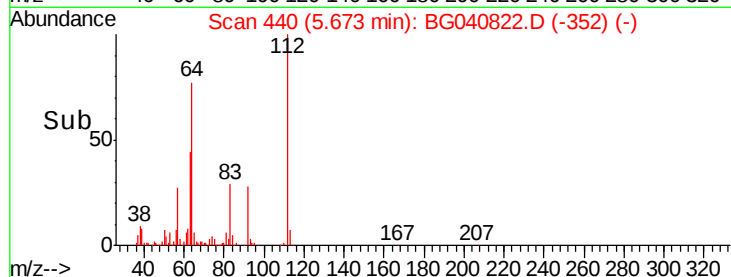
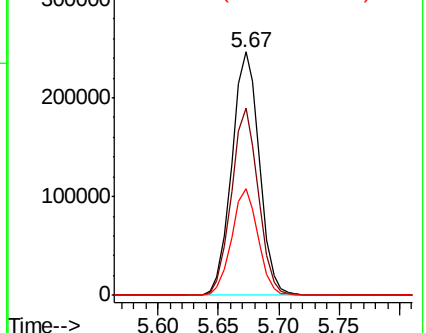
63 44.1 37.8 56.6



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: 26.761 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

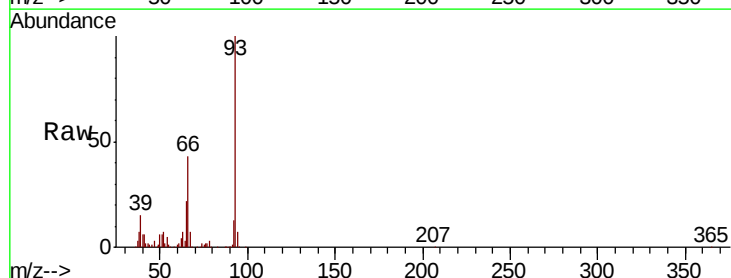
Tgt Ion: 93 Resp: 146431

Ion Ratio Lower Upper

93 100

66 42.5 35.5 53.3

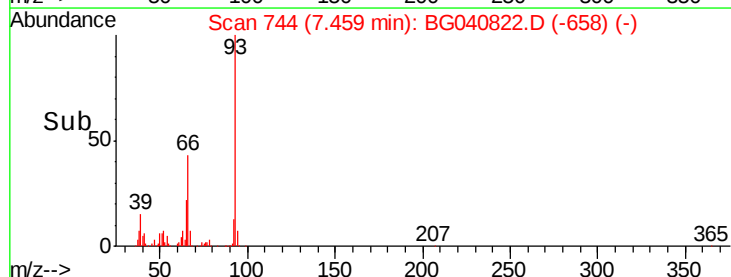
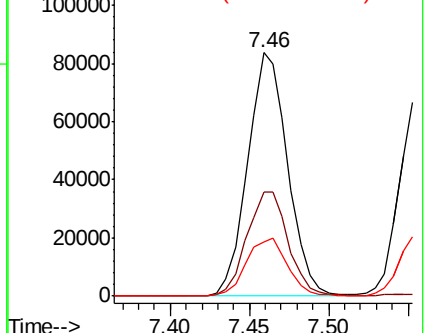
65 22.1 19.2 28.8

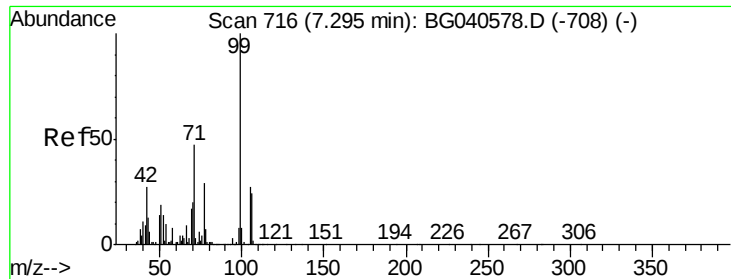


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.768 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

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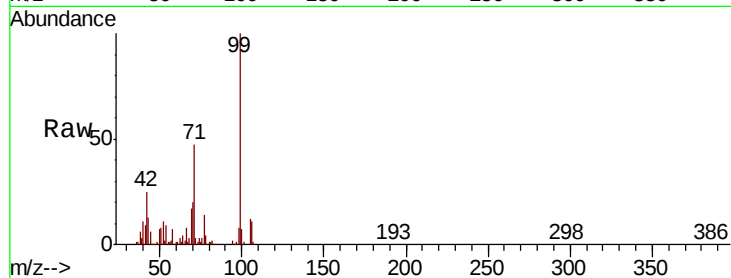
Tgt Ion: 99 Resp: 560487

Ion Ratio Lower Upper

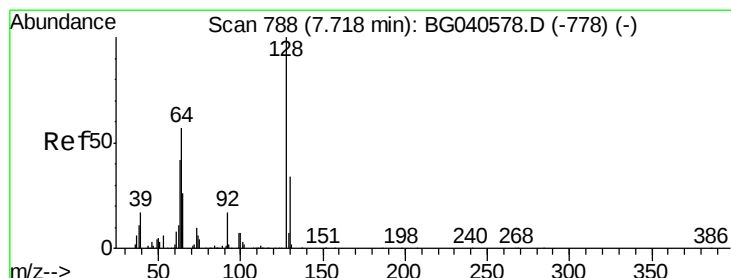
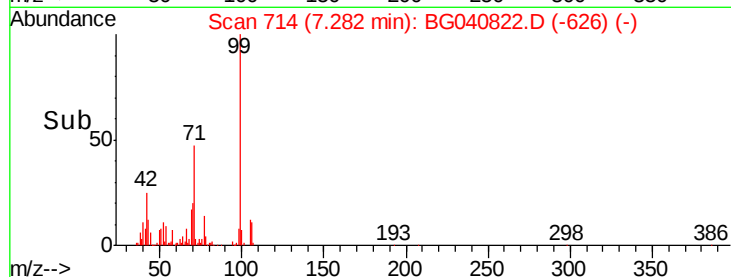
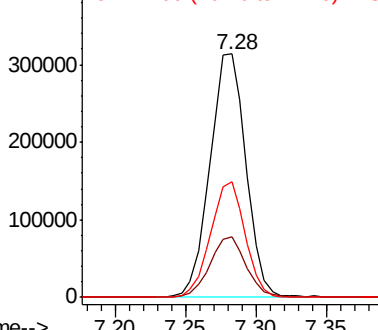
99 100

42 24.9 21.8 32.8

71 47.3 38.6 57.8



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: 39.347 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

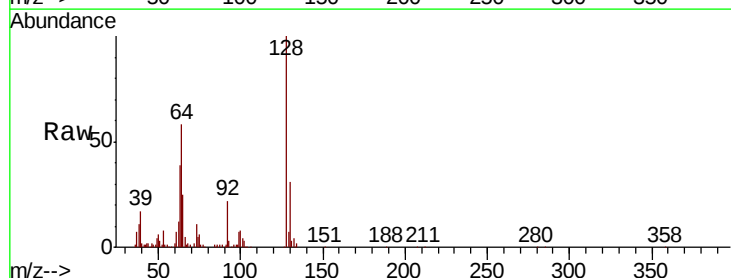
Tgt Ion: 128 Resp: 128817

Ion Ratio Lower Upper

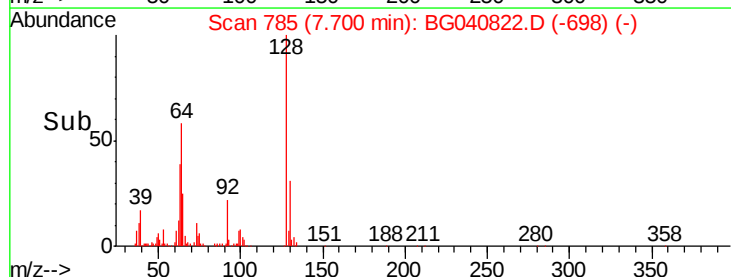
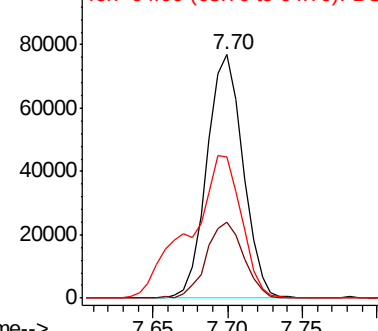
128 100

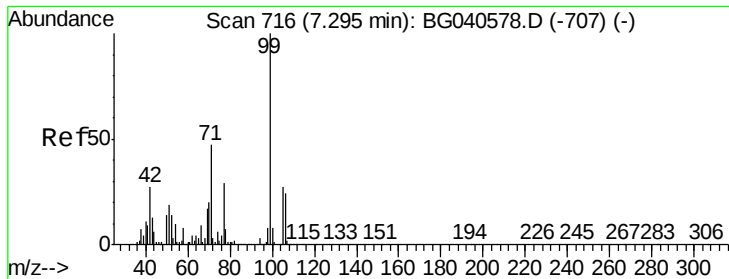
130 31.4 14.5 54.5

64 58.0 38.4 78.4



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





#9

Benzaldehyde

Concen: 31.015 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

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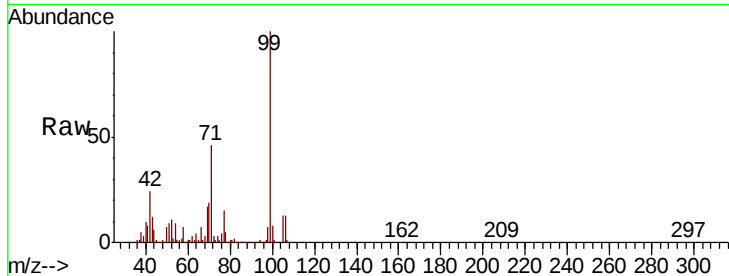
Tgt Ion: 77 Resp: 82162

Ion Ratio Lower Upper

77 100

105 89.8 72.0 112.0

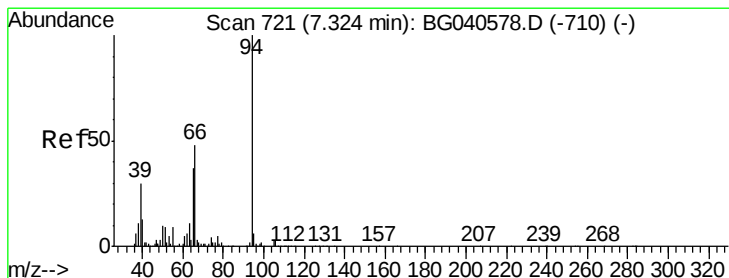
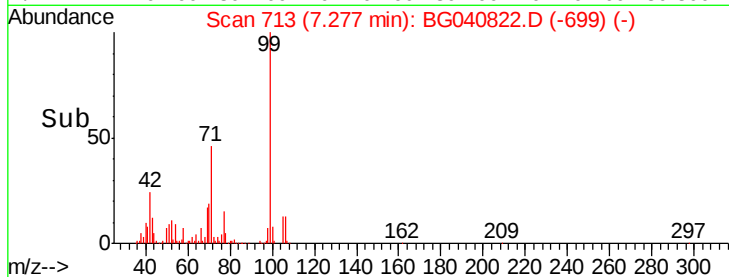
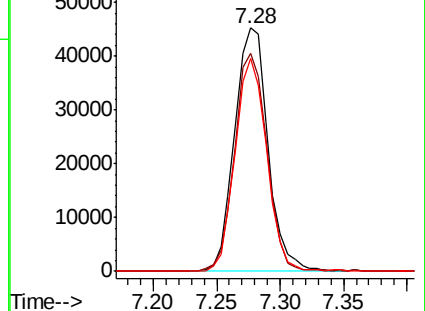
106 87.5 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.670 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

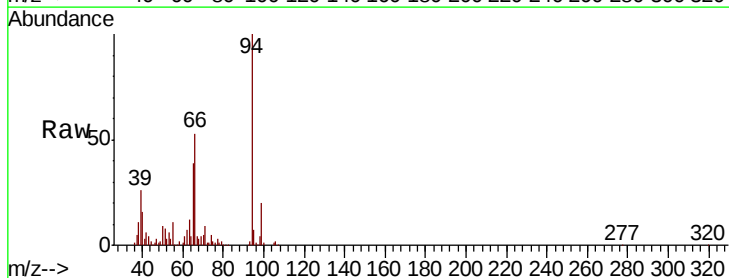
Tgt Ion: 94 Resp: 176044

Ion Ratio Lower Upper

94 100

65 38.7 17.0 57.0

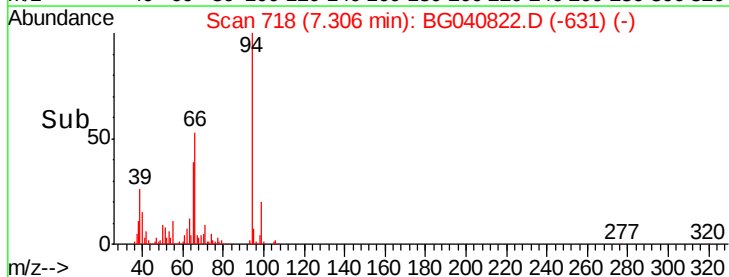
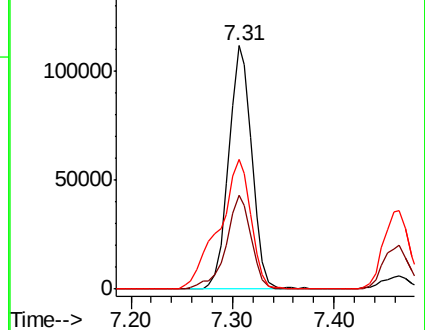
66 53.5 28.6 68.6

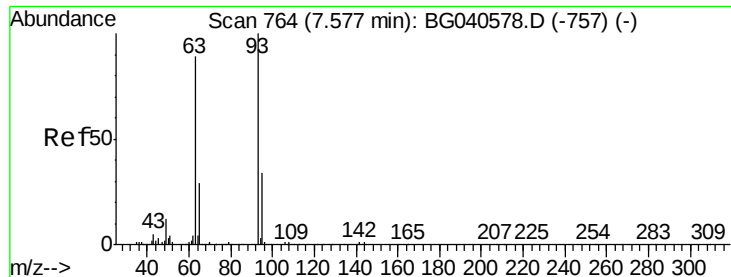


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

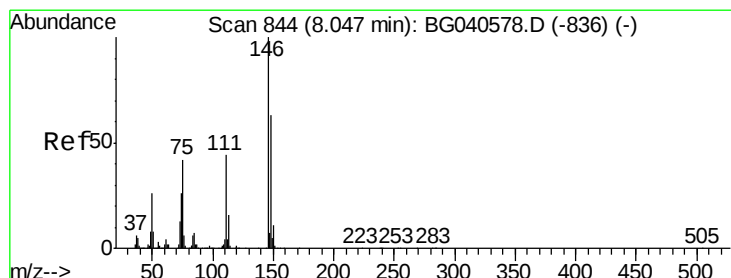
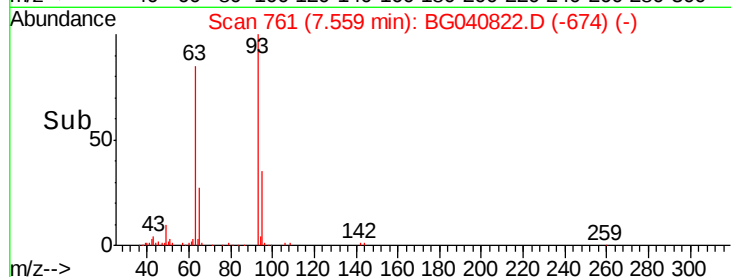
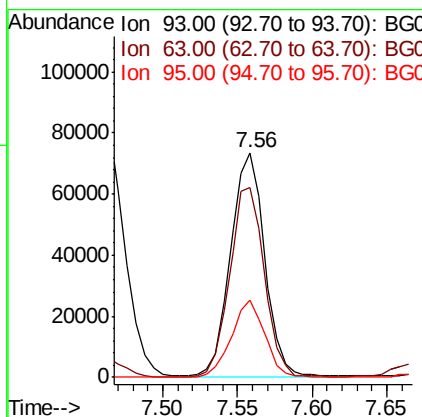
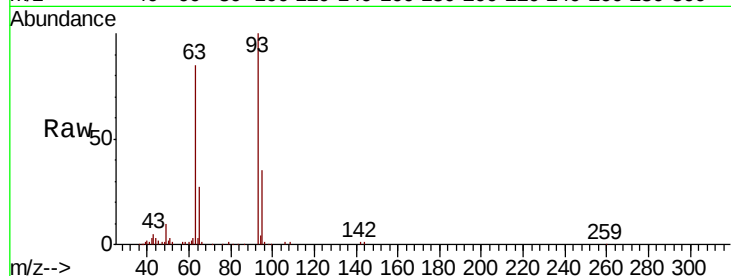




#11
bis(2-Chloroethyl)ether
Concen: 35.427 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

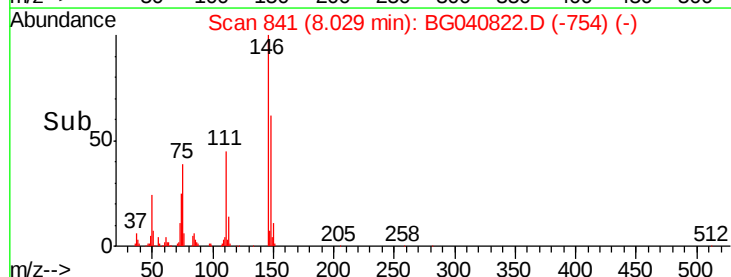
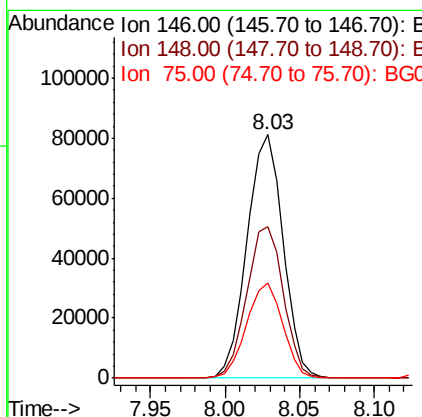
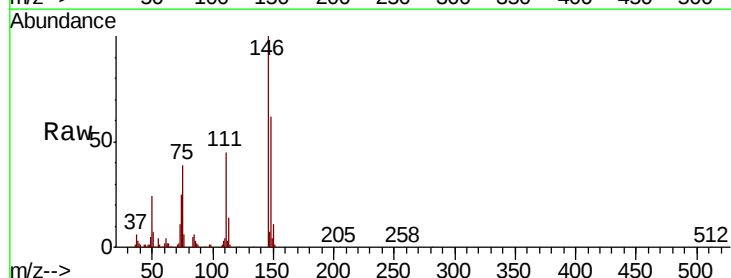
Instrument :
BNA_G
ClientSampleId :
PB119587BS

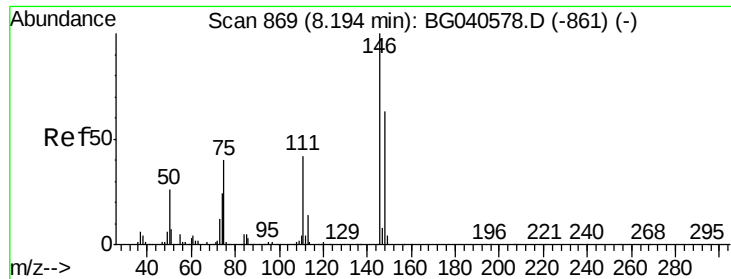
Tgt Ion: 93 Resp: 117893
Ion Ratio Lower Upper
93 100
63 84.7 68.2 108.2
95 34.5 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 37.943 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion: 146 Resp: 135585
Ion Ratio Lower Upper
146 100
148 62.1 50.7 76.1
75 39.1 33.4 50.2

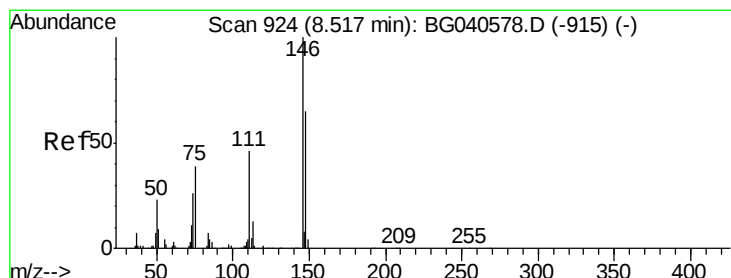
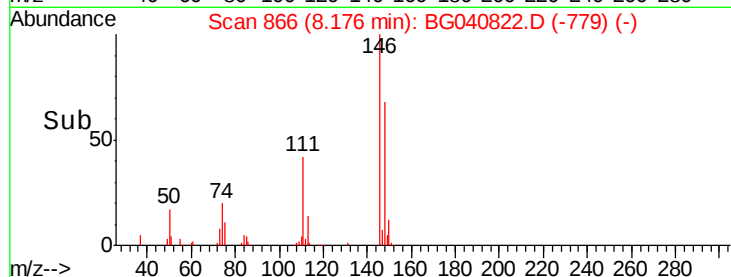
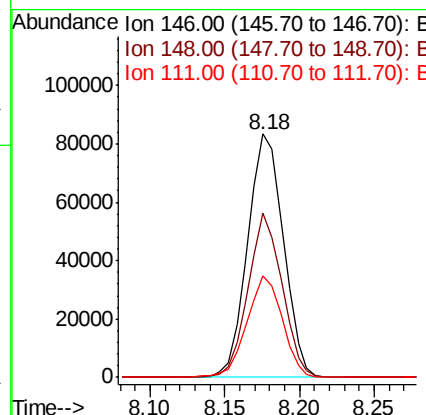
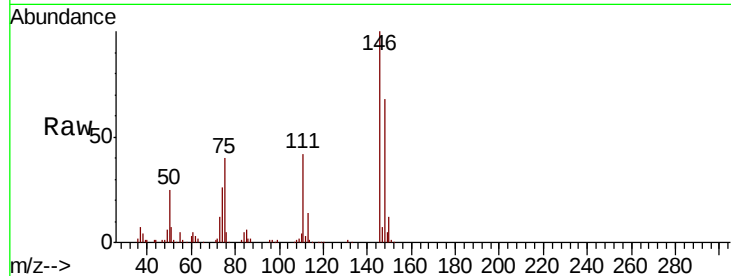




#13
 1,4-Dichlorobenzene
 Concen: 38.016 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

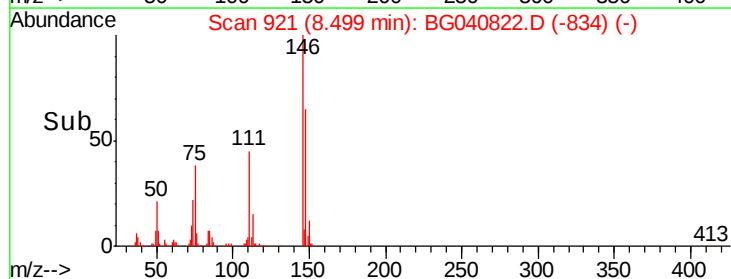
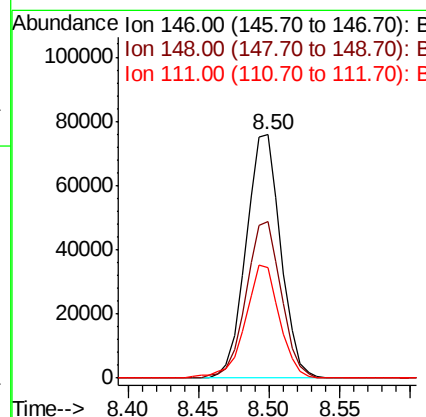
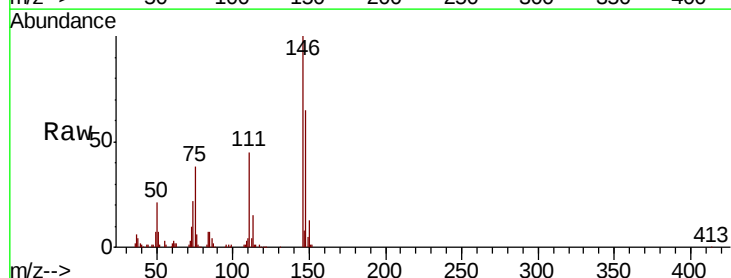
Instrument :
 BNA_G
 ClientSampleId :
 PB119587BS

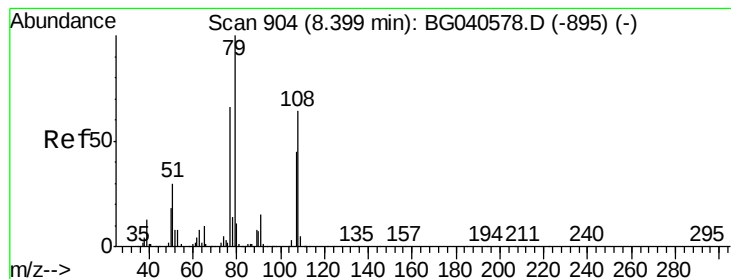
Tgt Ion:146 Resp: 137708
 Ion Ratio Lower Upper
 146 100
 148 67.7 50.6 75.8
 111 41.7 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 37.286 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Tgt Ion:146 Resp: 130257
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.4
 111 45.2 37.4 56.0





#15

Benzyl Alcohol

Concen: 33.830 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

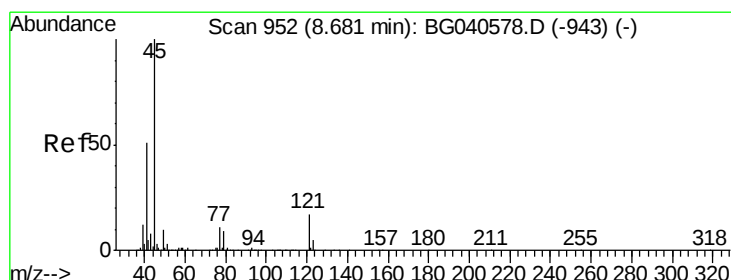
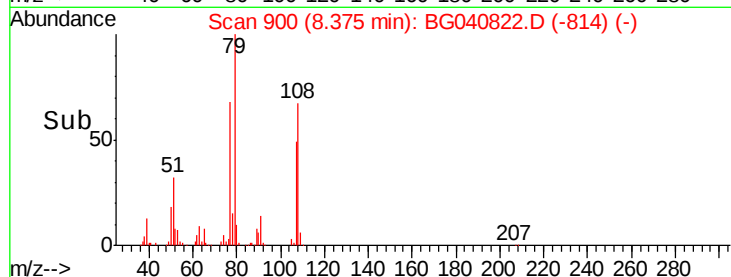
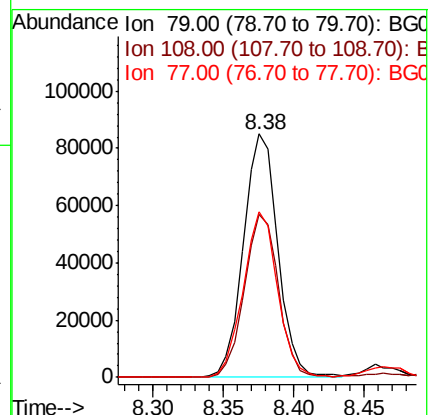
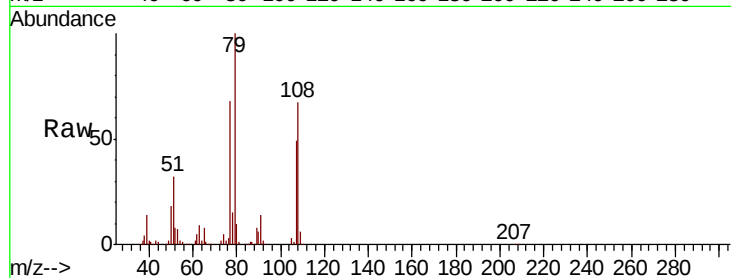
Tgt Ion: 79 Resp: 145318

Ion Ratio Lower Upper

79 100

108 66.8 51.4 77.0

77 68.1 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.327 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

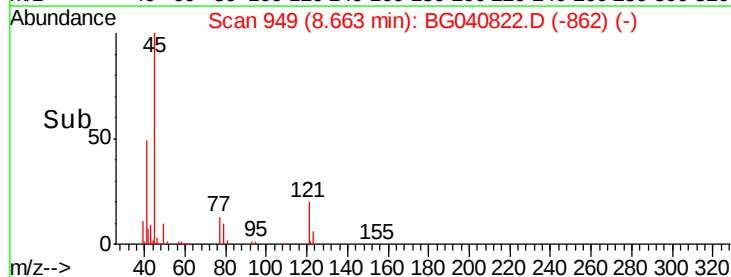
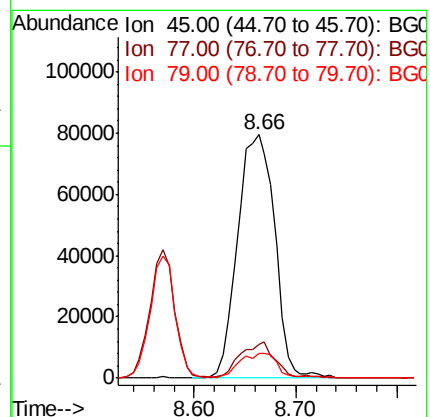
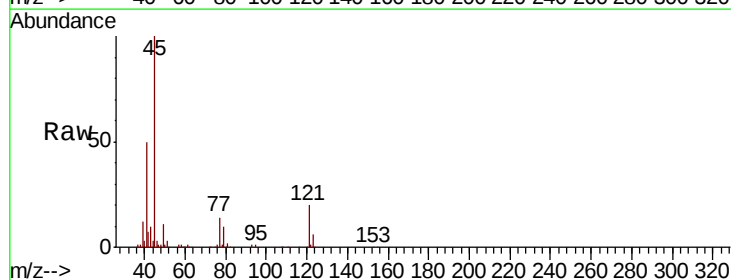
Tgt Ion: 45 Resp: 200923

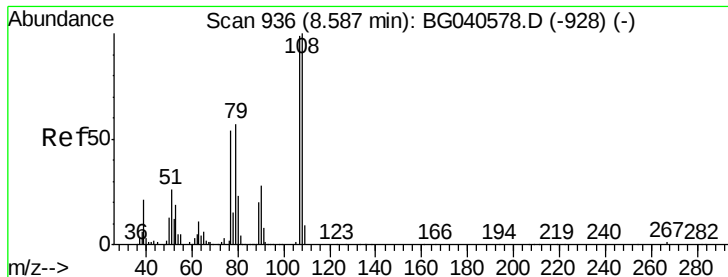
Ion Ratio Lower Upper

45 100

77 14.1 0.0 31.5

79 10.2 0.0 29.4

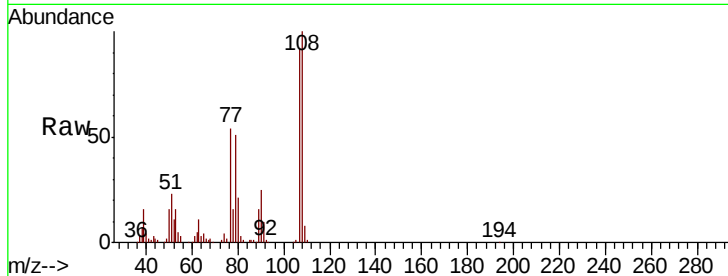




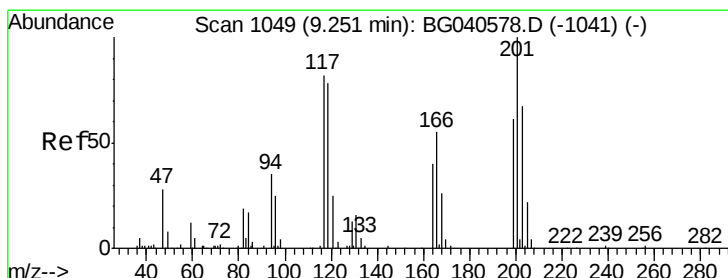
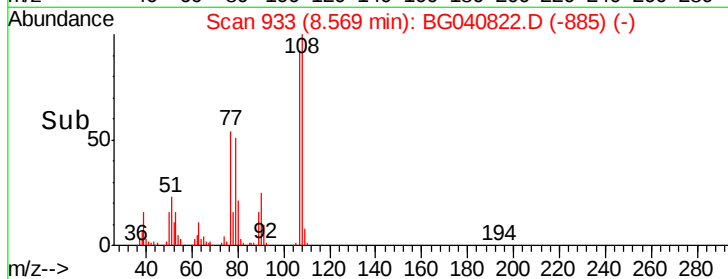
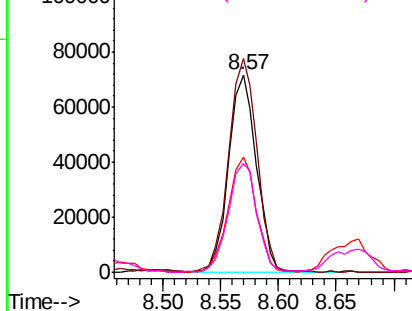
#17
2-Methylphenol
Concen: 38.305 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tgt Ion:	107	Resp:	120298
Ion	Ratio	Lower	Upper
107	100		
108	108.3	81.2	121.8
77	58.4	44.4	66.6
79	55.5	47.0	70.4

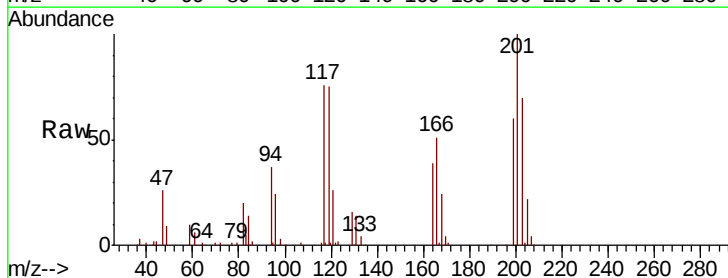


Abundance Ion 107.00 (106.70 to 107.70): E
120000 Ion 108.00 (107.70 to 108.70): E
100000 Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

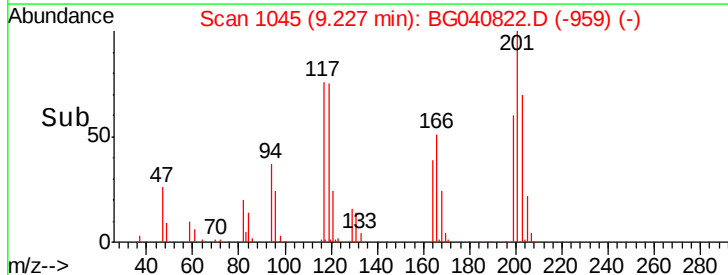
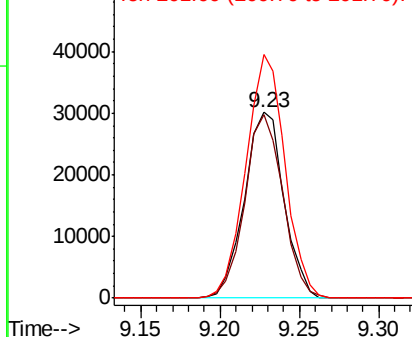


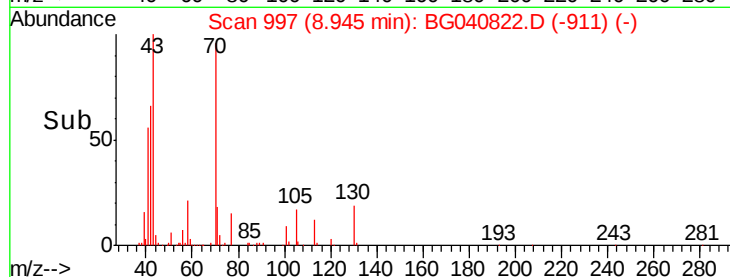
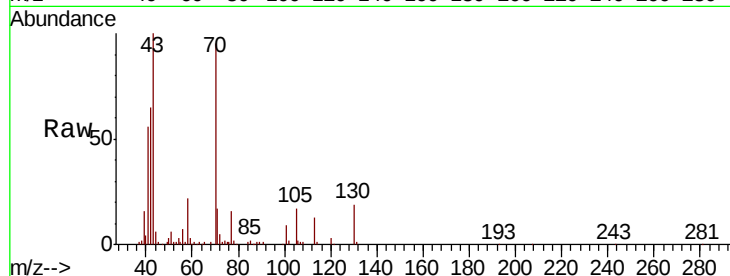
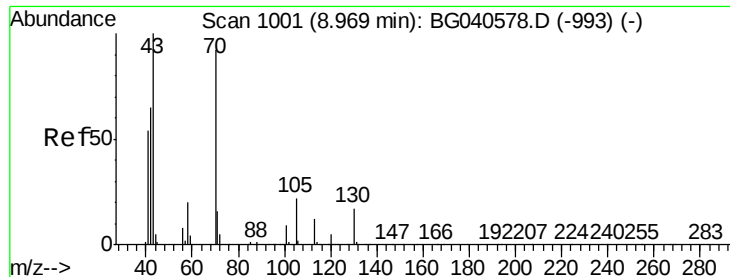
#18
Hexachloroethane
Concen: 35.109 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion:	117	Resp:	52171
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.6	114.8
201	129.5	101.0	151.6



Abundance Ion 117.00 (116.70 to 117.70): E
50000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

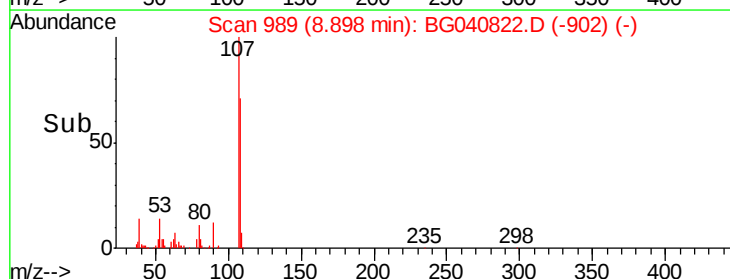
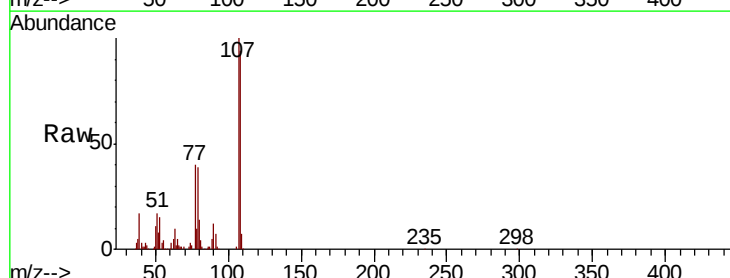
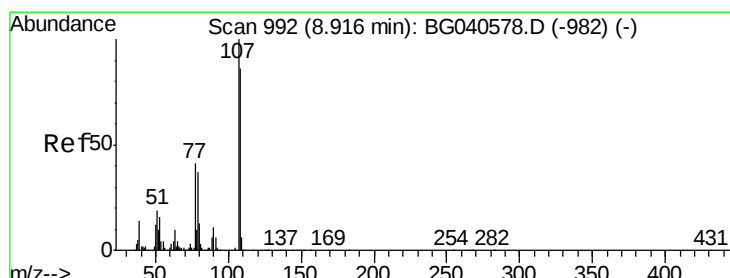
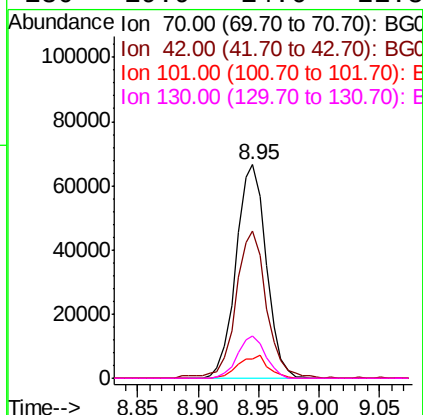




#19
n-Nitroso-di-n-propylamine
Concen: 31.169 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

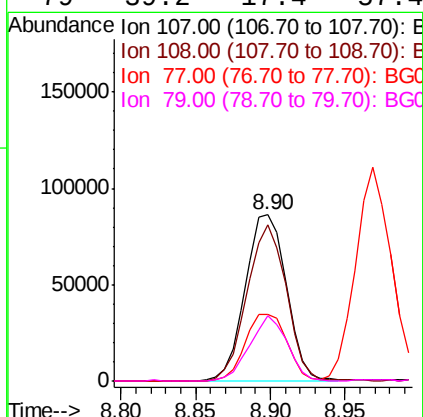
Instrument :
BNA_G
ClientSampleId :
PB119587BS

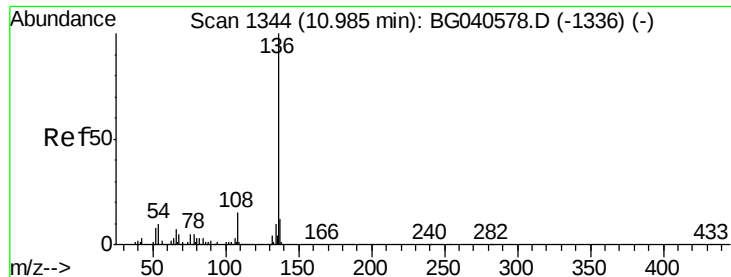
Tgt Ion:	70	Resp:	115831
Ion	Ratio	Lower	Upper
70	100		
42	69.1	57.1	85.7
101	9.2	7.8	11.8
130	19.9	14.6	21.8



#20
3+4-Methylphenols
Concen: 37.650 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion:	107	Resp:	164715
Ion	Ratio	Lower	Upper
107	100		
108	93.7	66.1	106.1
77	40.0	21.6	61.6
79	39.2	17.4	57.4

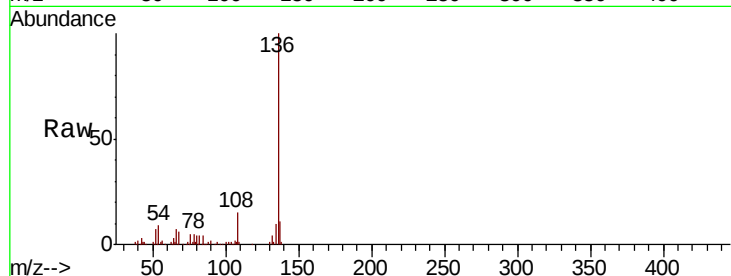




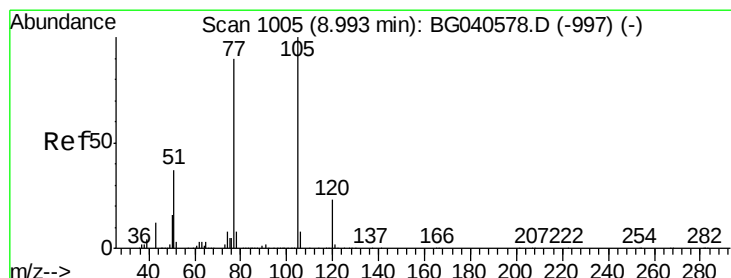
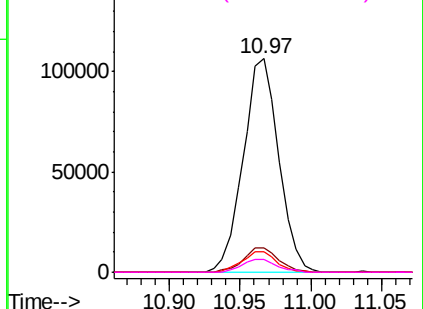
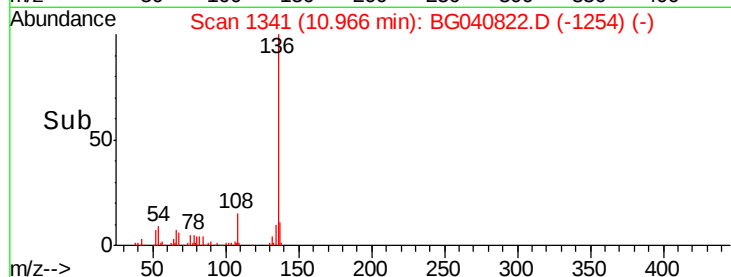
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tgt Ion:	136	Resp:	187935
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.7	14.5
54	9.4	8.6	12.8
68	5.8	4.8	7.2

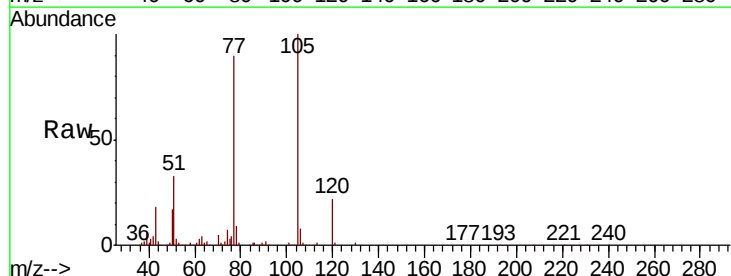


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

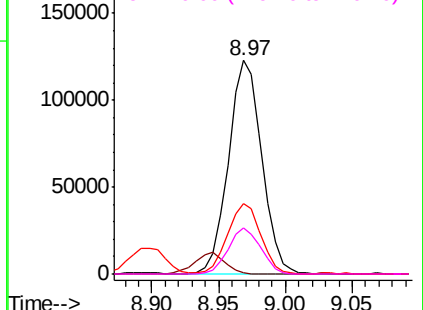
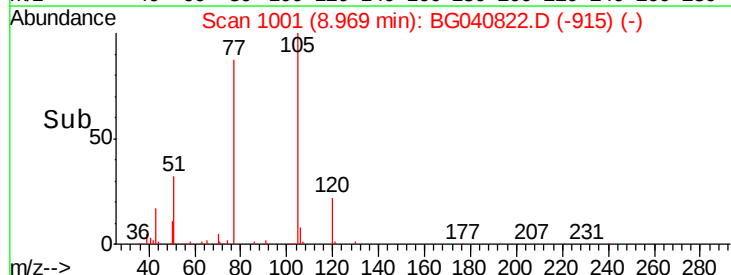


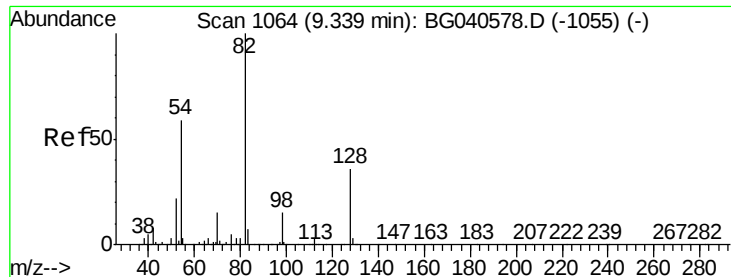
#22
Acetophenone
Concen: 40.919 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion:	105	Resp:	213844
Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.8	2.8#
51	32.8	29.8	44.8
120	21.7	18.4	27.6



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

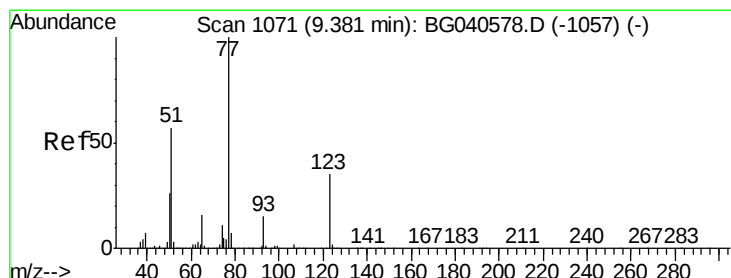
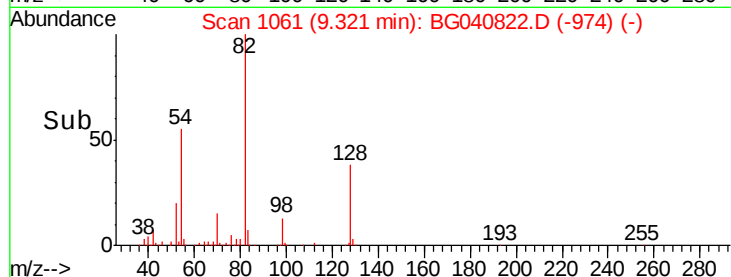
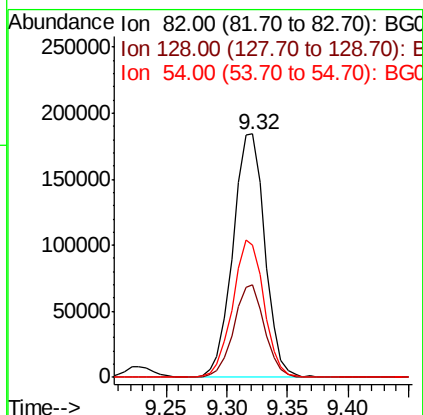
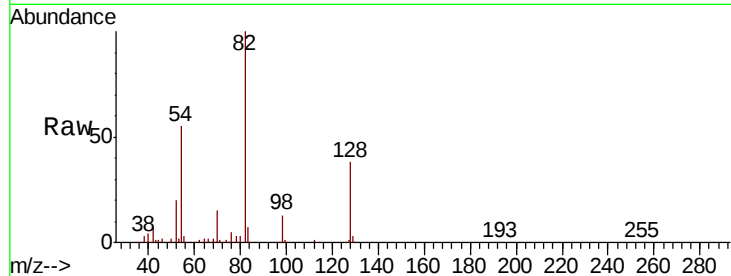




#23
 Nitrobenzene-d5
 Concen: 83.631 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

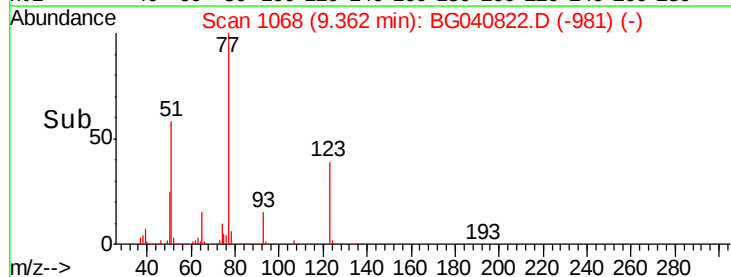
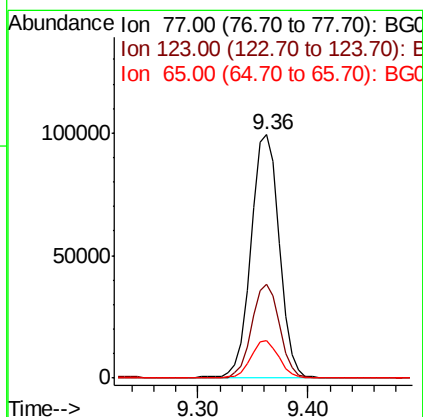
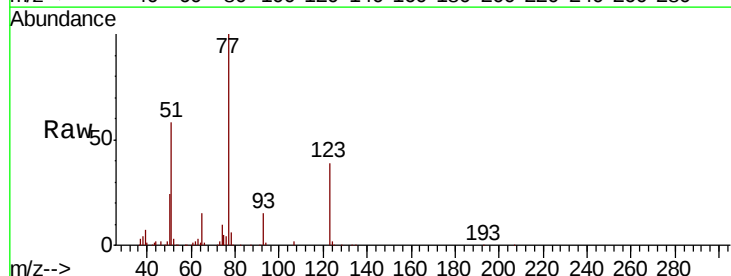
Instrument :
 BNA_G
 ClientSampleID :
 PB119587BS

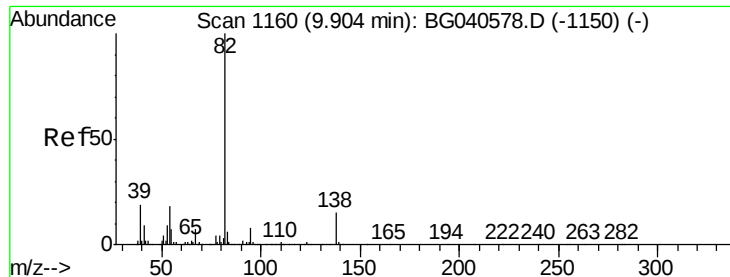
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.1	28.9	43.3
54	54.5	47.2	70.8



#24
 Nitrobenzene
 Concen: 41.402 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	27.8	41.6
65	15.3	12.4	18.6





#25

Isophorone

Concen: 35.762 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

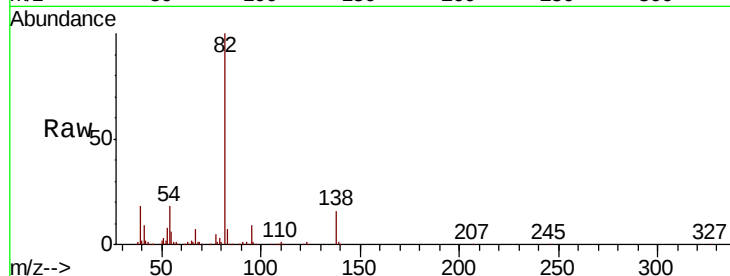
Tgt Ion: 82 Resp: 324002

Ion Ratio Lower Upper

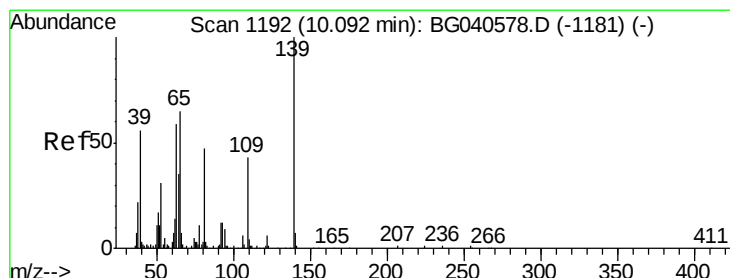
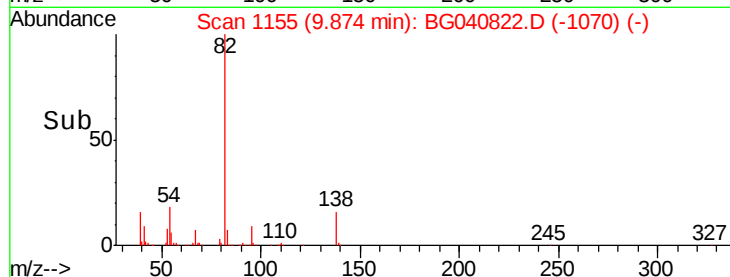
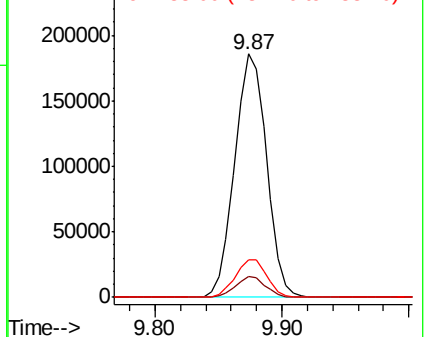
82 100

95 8.6 6.9 10.3

138 15.6 12.3 18.5



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



#26

2-Nitrophenol

Concen: 48.631 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

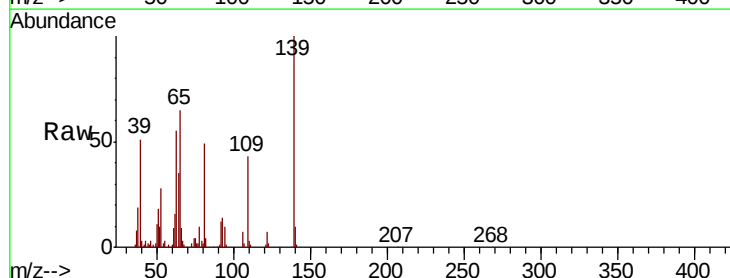
Tgt Ion: 139 Resp: 75649

Ion Ratio Lower Upper

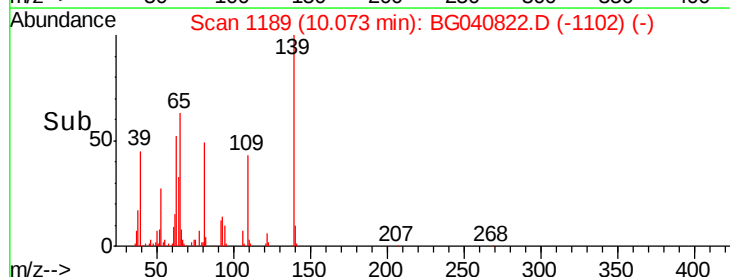
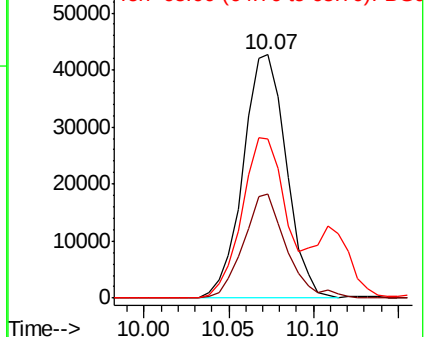
139 100

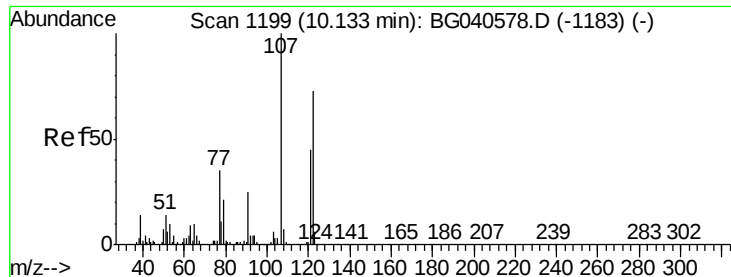
109 42.9 35.6 53.4

65 65.3 52.3 78.5



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

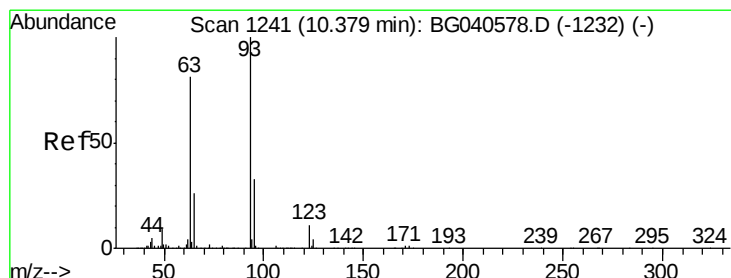
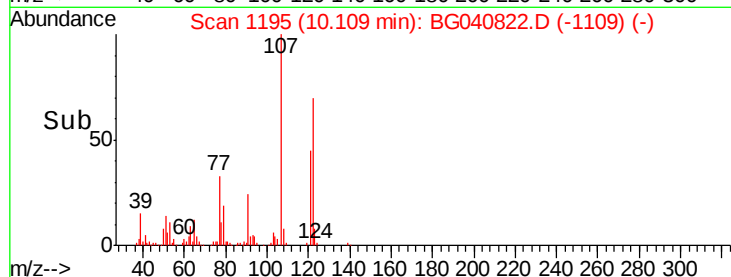
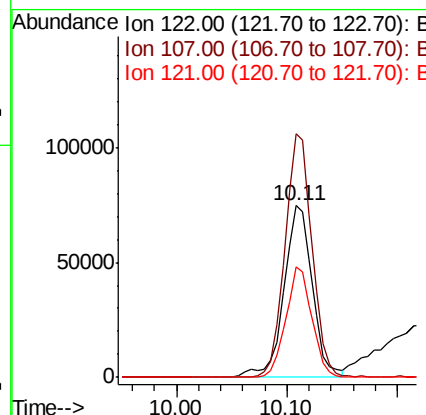
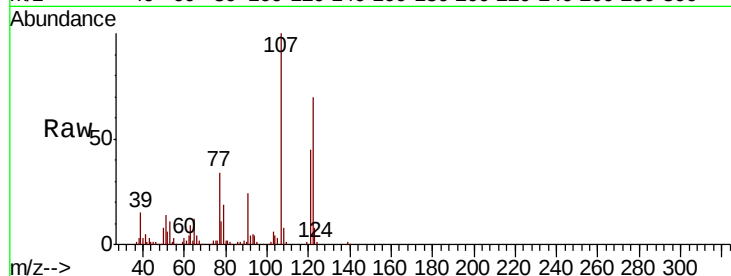




#27
2,4-Dimethylphenol
Concen: 45.477 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

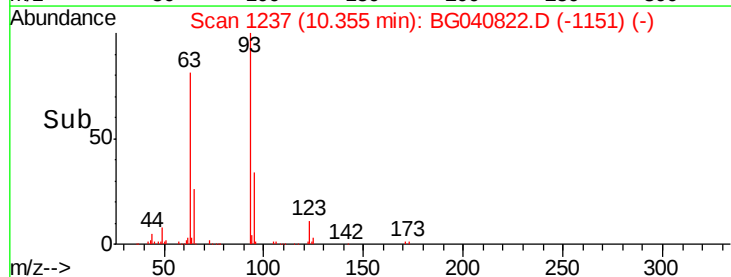
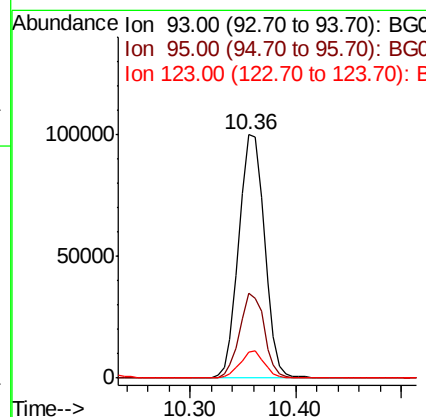
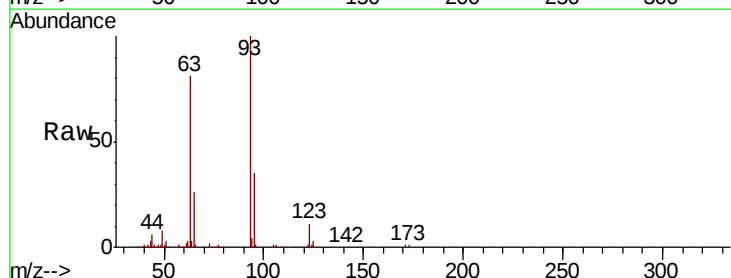
Instrument :
BNA_G
ClientSampleId :
PB119587BS

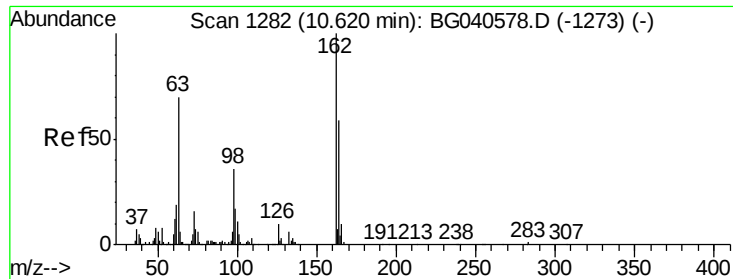
Tgt Ion	Ratio	Lower	Upper
122	100		
107	141.9	110.1	165.1
121	64.4	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 37.274 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	26.6	40.0
123	10.9	9.0	13.4

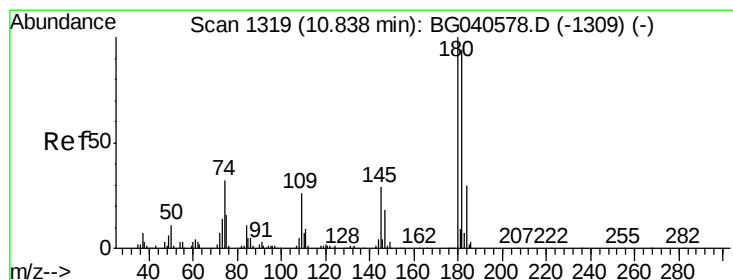
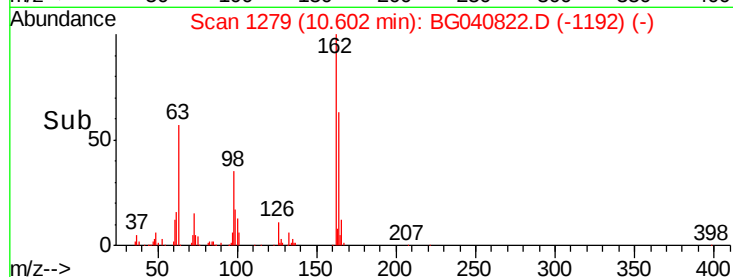
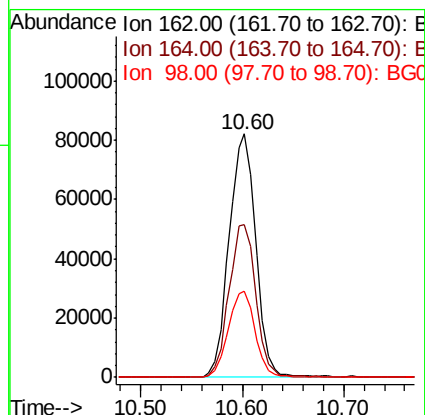
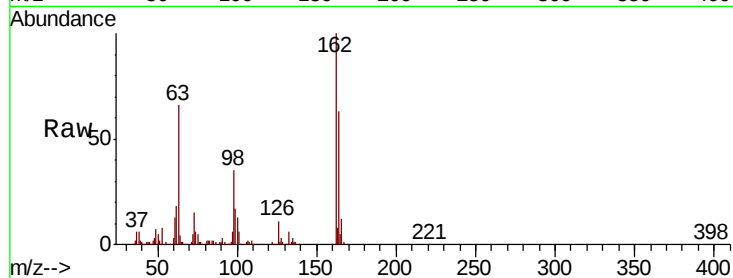




#29
2,4-Dichlorophenol
Concen: 45.173 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

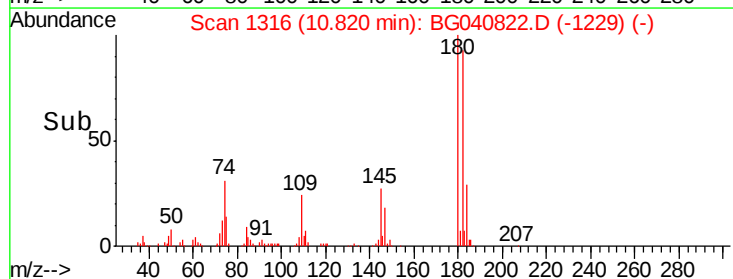
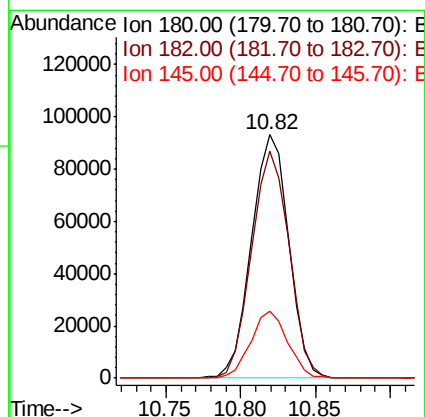
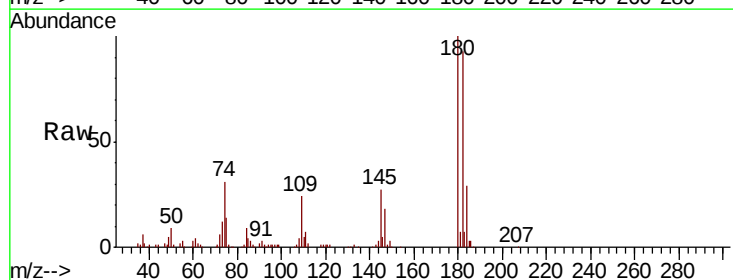
Instrument :
BNA_G
ClientSampleId :
PB119587BS

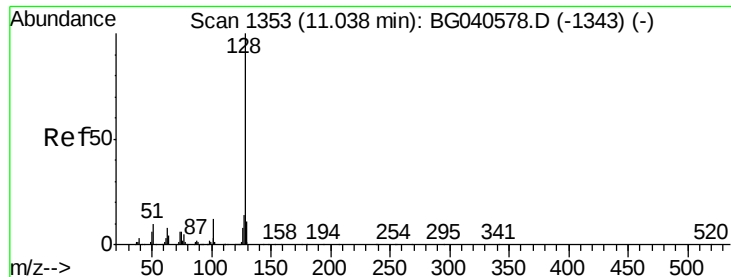
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	38.9	78.9
98	35.2	16.8	56.8



#30
1,2,4-Trichlorobenzene
Concen: 43.652 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.2	112.8
145	27.4	23.6	35.4

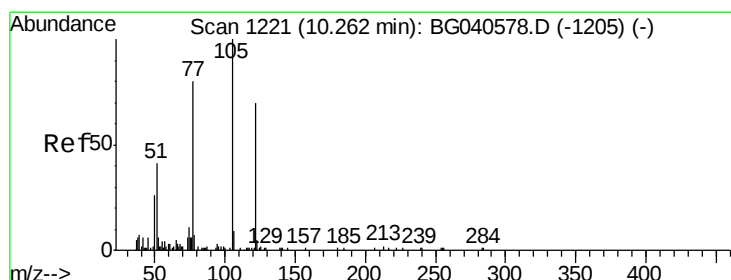
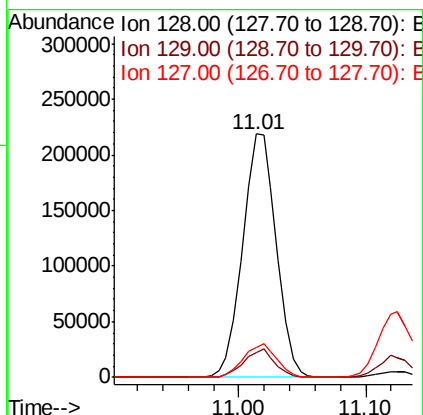
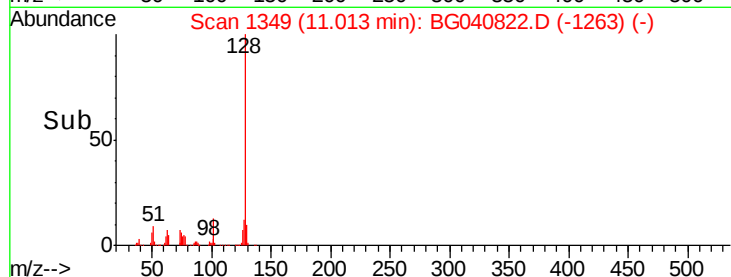
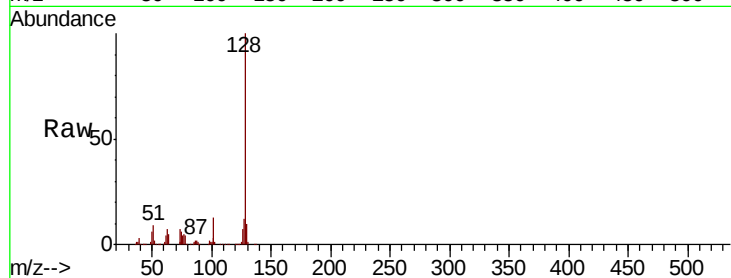




#31
Naphthalene
Concen: 40.171 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

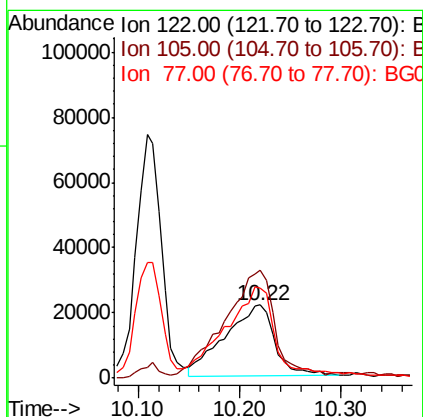
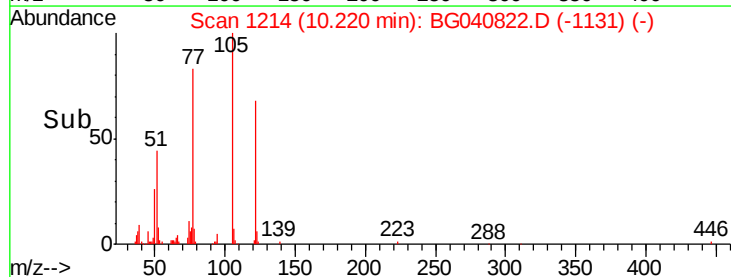
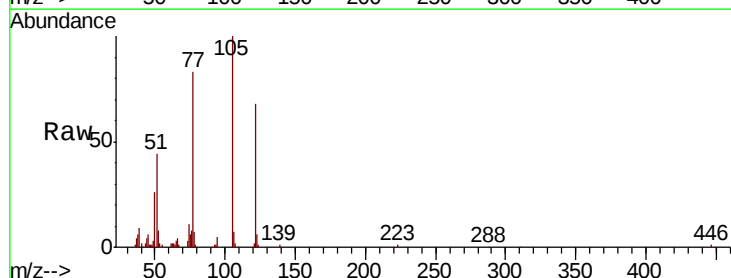
Instrument :
BNA_G
ClientSampleId :
PB119587BS

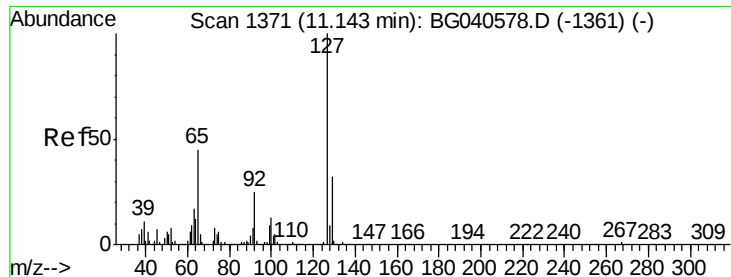
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.0	13.6
127	12.4	11.3	16.9



#32
Benzoic acid
Concen: 37.877 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	148.1	110.9	150.9
77	123.2	87.6	127.6

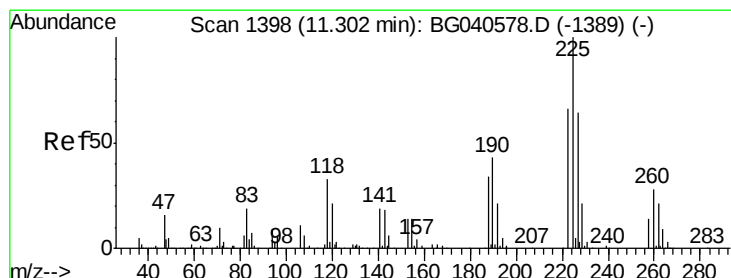
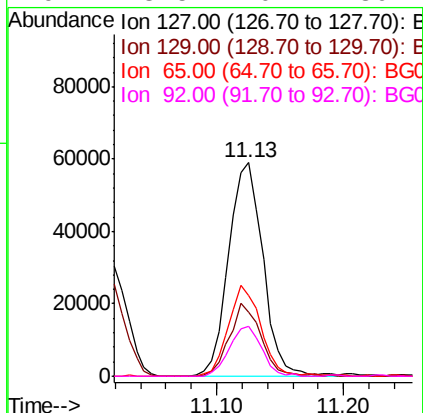
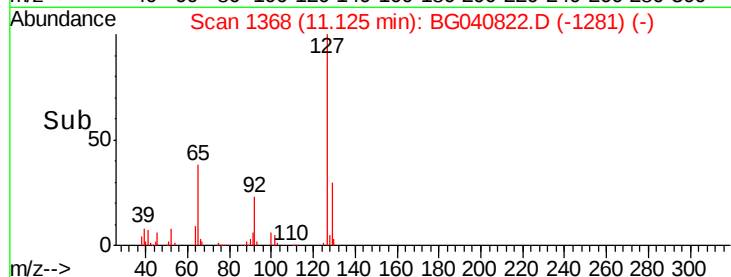
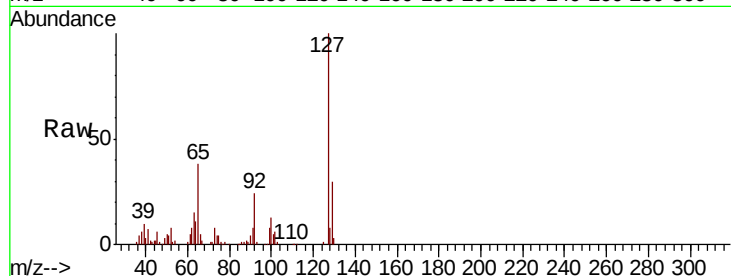




#33
4-Chloroaniline
Concen: 24.996 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

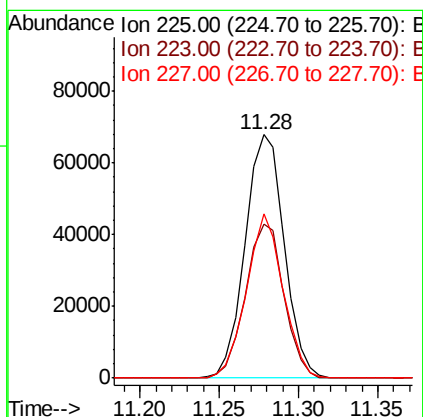
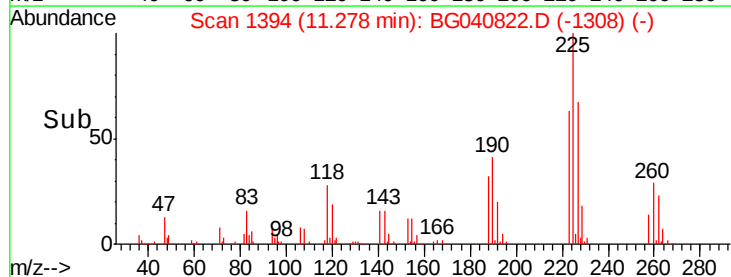
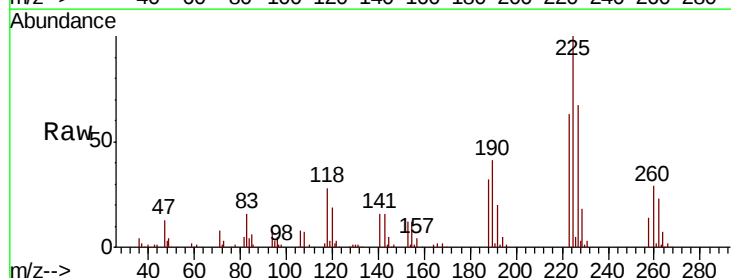
Instrument :
BNA_G
ClientSampleId :
PB119587BS

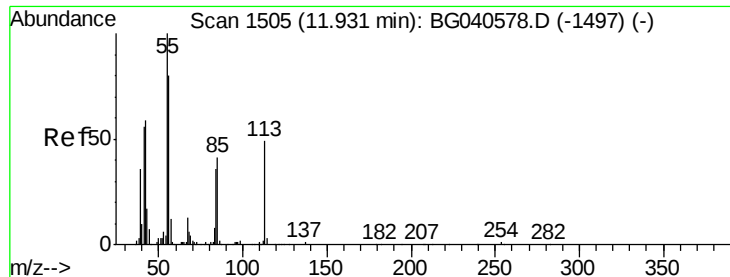
Tgt Ion:	127	Resp:	110654
Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.7	38.5
65	37.9	36.1	54.1
92	23.5	20.1	30.1



#34
Hexachlorobutadiene
Concen: 42.755 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion:	225	Resp:	116145
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.4	75.6
227	67.2	51.0	76.6





#35

Caprolactam

Concen: 39.096 ng

RT: 11.90 min Scan# 1500

Delta R.T. -0.03 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

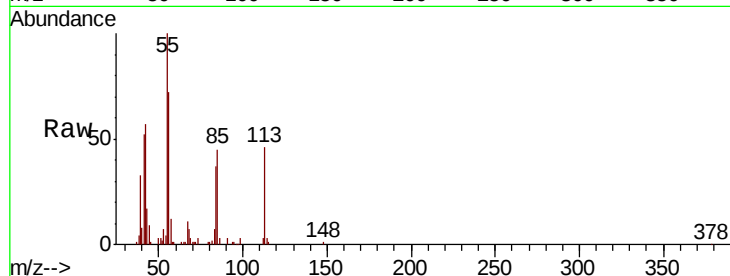
Tgt Ion:113 Resp: 51216

Ion Ratio Lower Upper

113 100

55 215.6 198.6 238.6

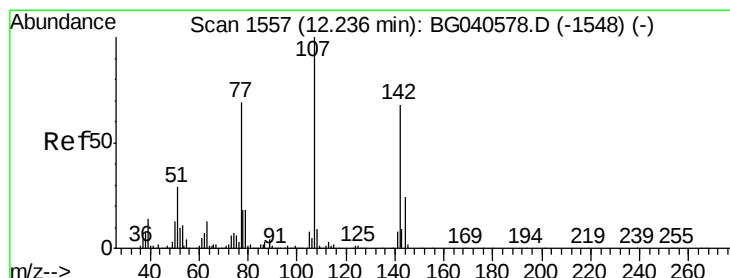
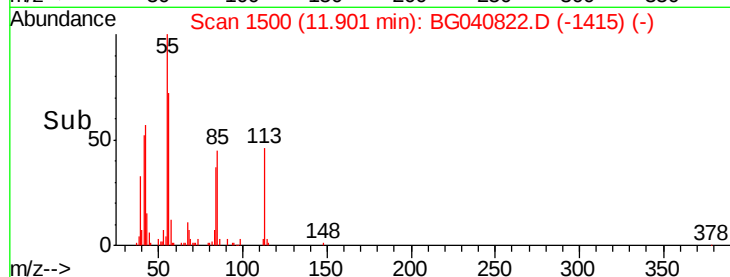
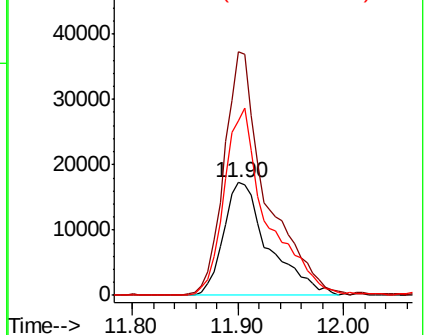
56 154.9 148.4 188.4



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: 41.820 ng

RT: 12.22 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

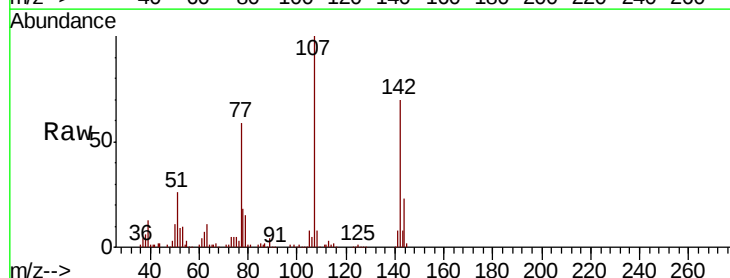
Tgt Ion:107 Resp: 175053

Ion Ratio Lower Upper

107 100

144 23.3 19.3 28.9

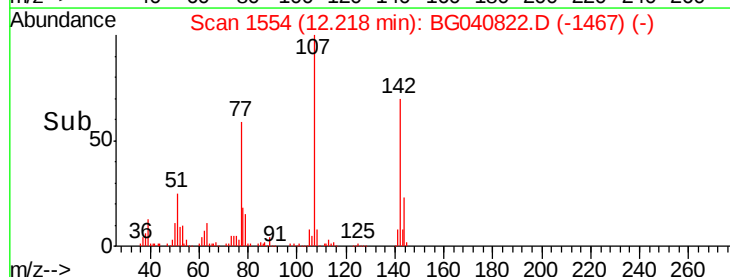
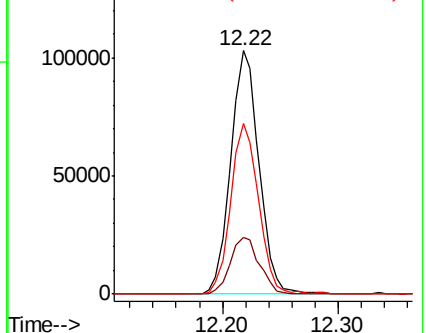
142 70.0 54.6 81.8

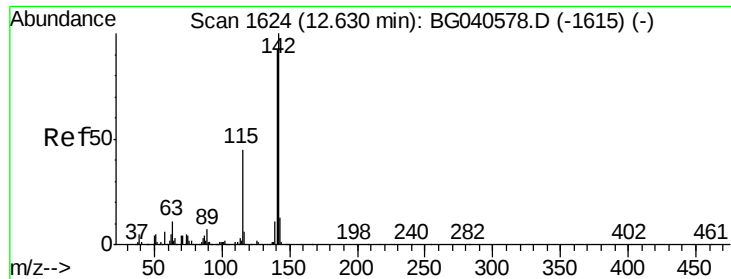


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

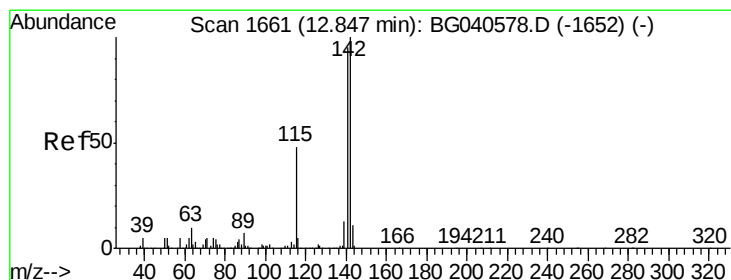
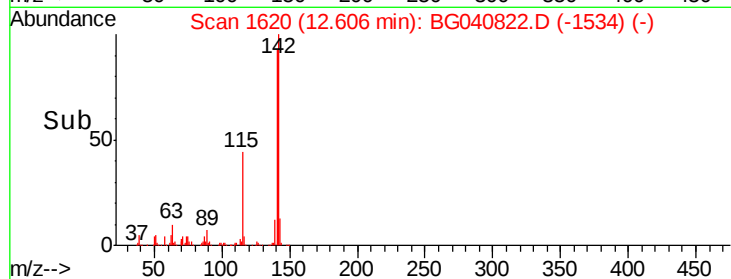
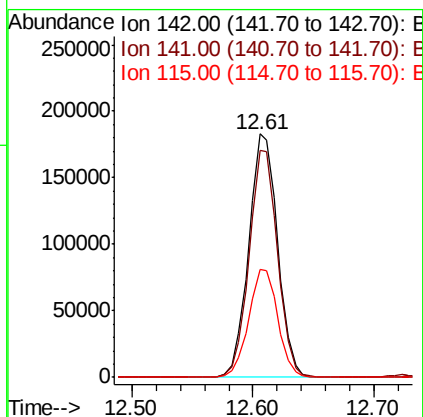
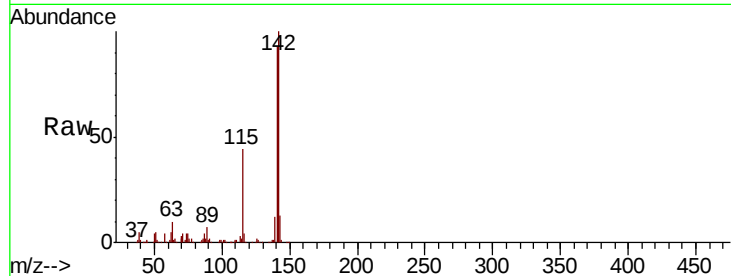




#37
 2-Methylnaphthalene
 Concen: 40.788 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

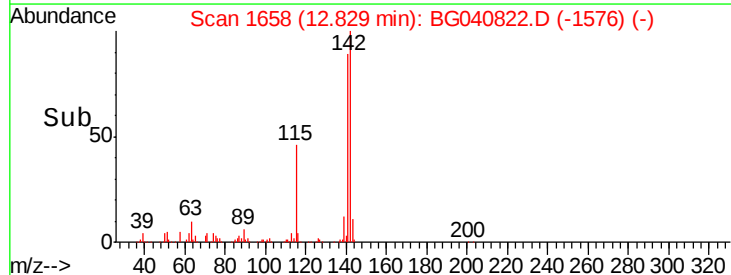
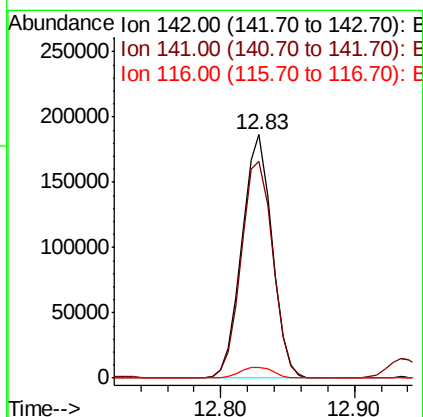
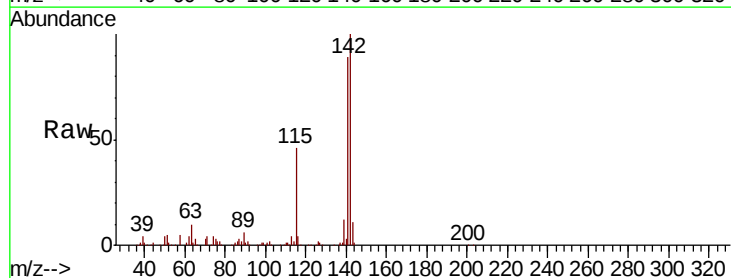
Instrument :
 BNA_G
 ClientSampleId :
 PB119587BS

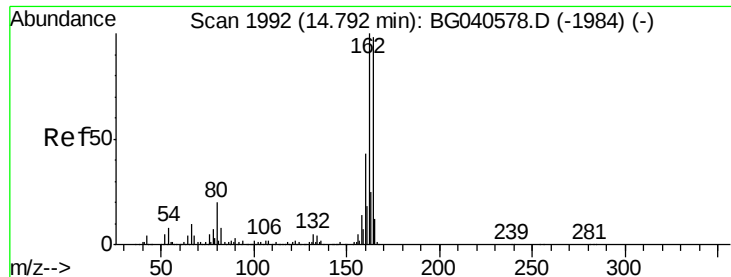
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.4	110.2
115	44.3	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 39.923 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	75.9	113.9
116	4.2	4.2	6.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

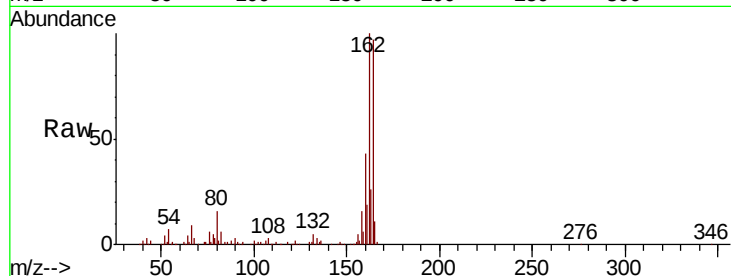
Tgt Ion:164 Resp: 141556

Ion Ratio Lower Upper

164 100

162 103.3 81.9 122.9

160 44.9 35.4 53.2

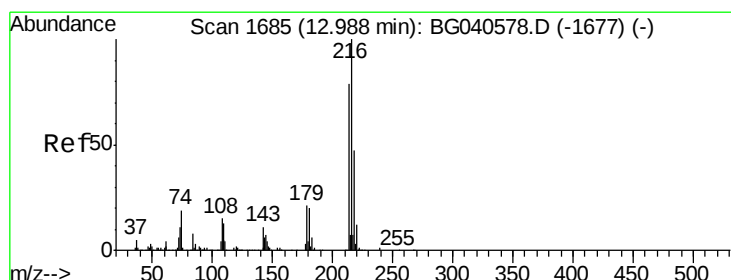
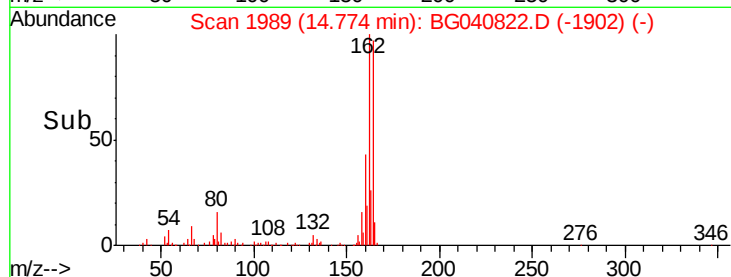
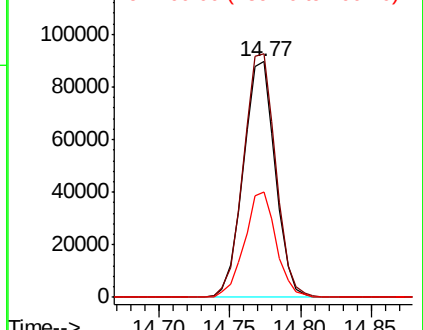


Abundance

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: 40.296 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:216 Resp: 212496

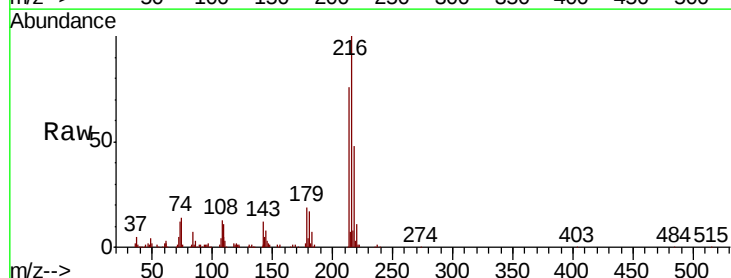
Ion Ratio Lower Upper

216 100

214 79.1 63.7 95.5

179 19.1 16.6 24.8

108 17.1 14.7 22.1



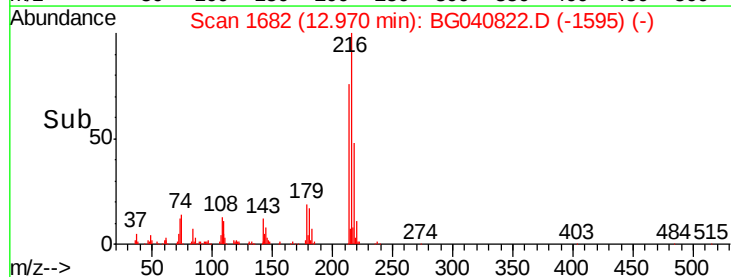
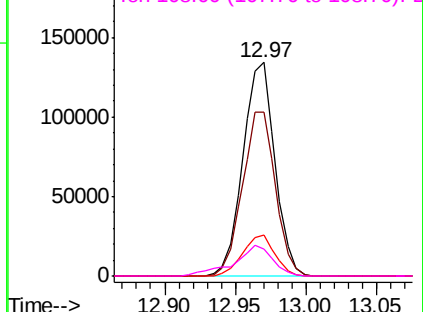
Abundance

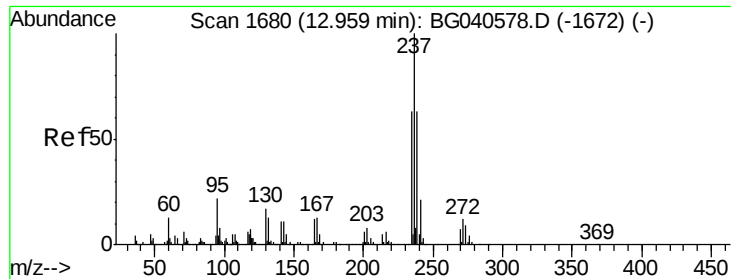
Ion 216.00 (215.70 to 216.70): E

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

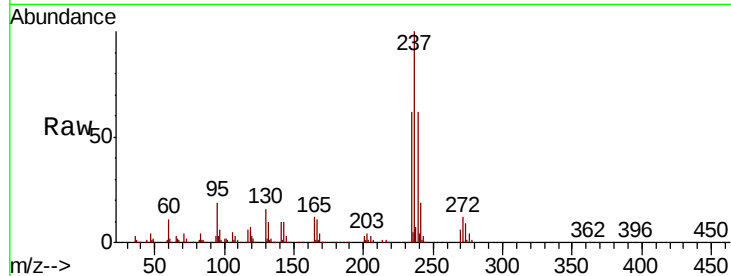




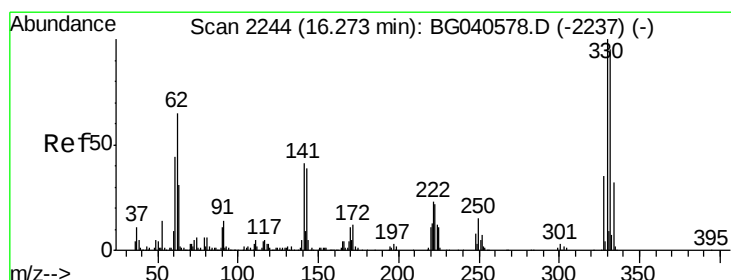
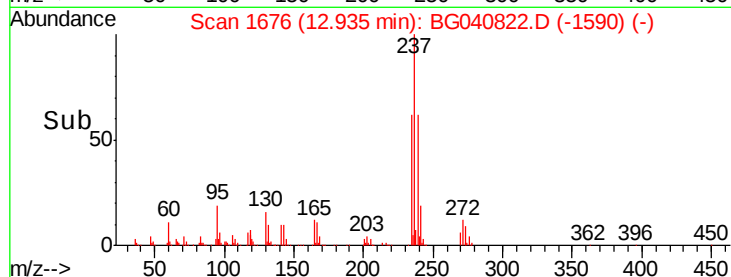
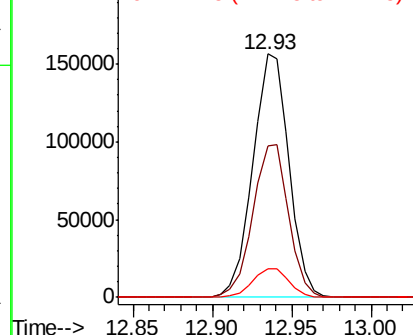
#41
Hexachlorocyclopentadiene
Concen: 79.511 ng
RT: 12.93 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.5	82.5
272	11.7	0.0	31.6

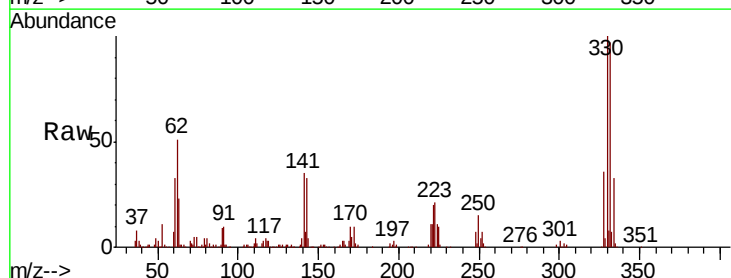


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

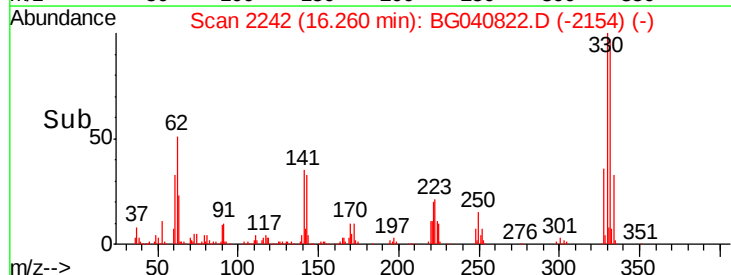
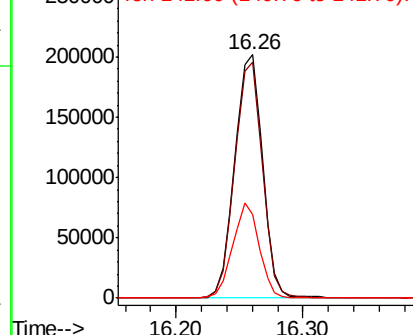


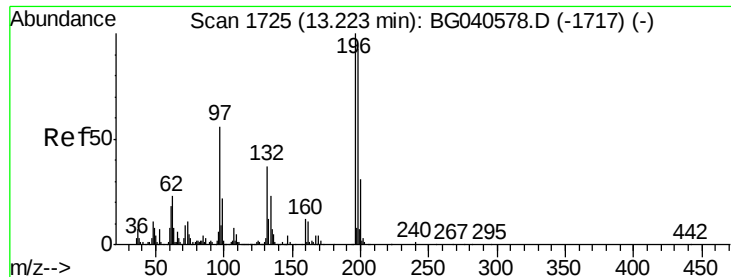
#42
2,4,6-Tribromophenol
Concen: 157.597 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.9	113.9
141	37.1	32.4	48.6



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

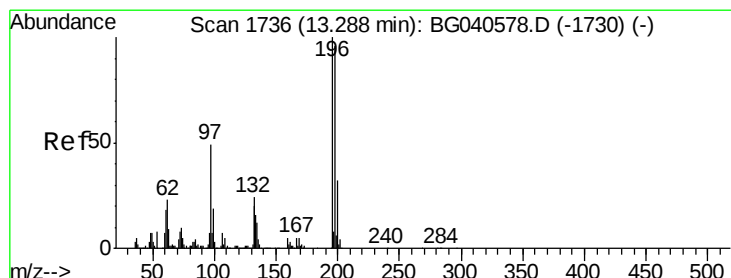
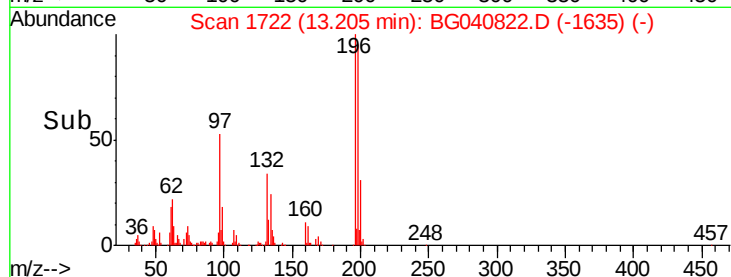
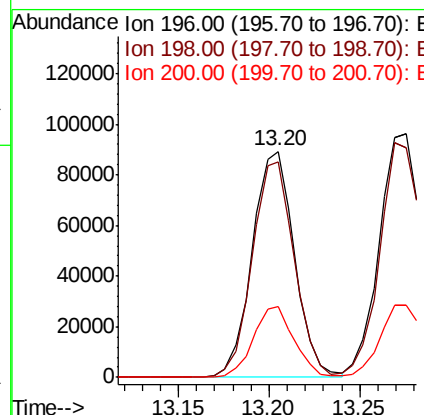
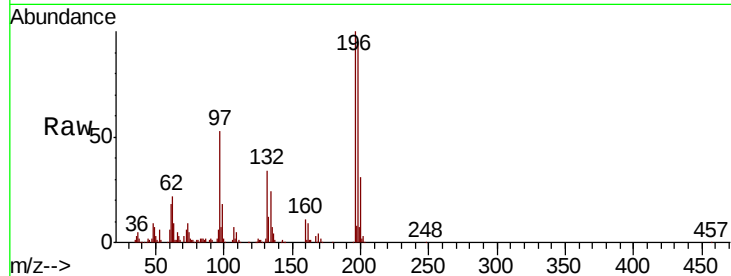




#43
 2,4,6-Trichlorophenol
 Concen: 45.328 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

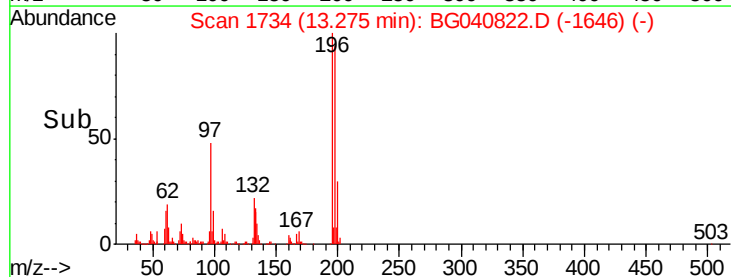
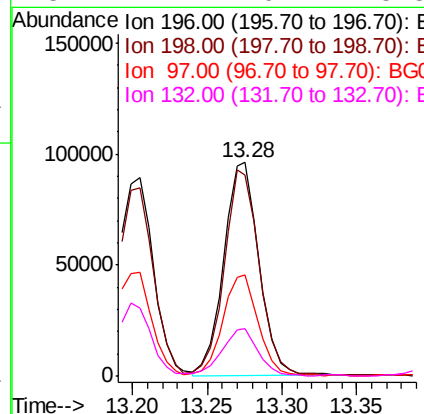
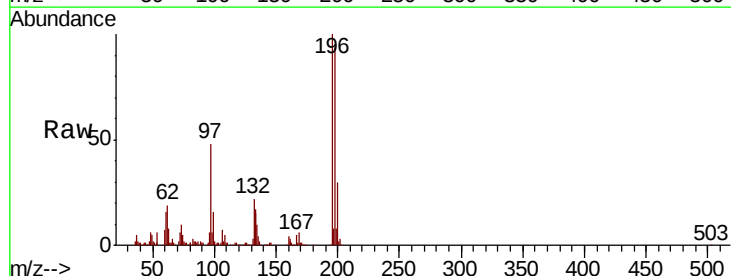
Instrument :
 BNA_G
 ClientSampleId :
 PB119587BS

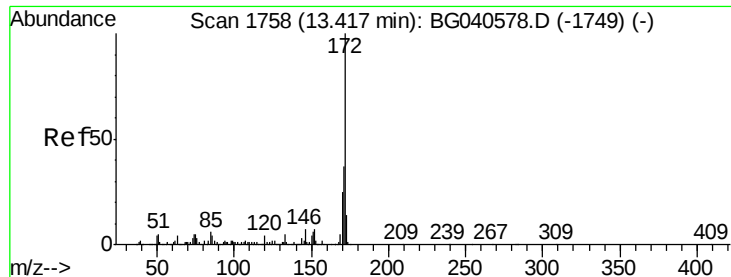
Tgt Ion:196 Resp: 144447
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.8 112.2
 200 31.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.595 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Tgt Ion:196 Resp: 158281
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.0 115.6
 97 47.6 40.0 60.0
 132 22.4 19.2 28.8

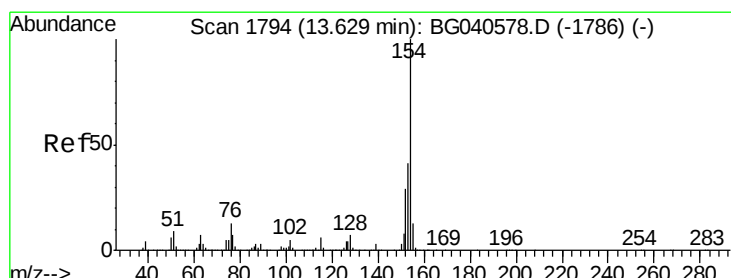
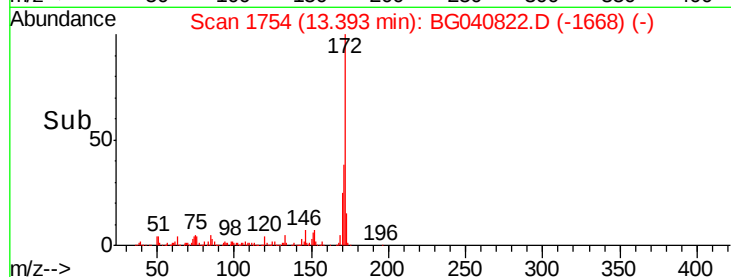
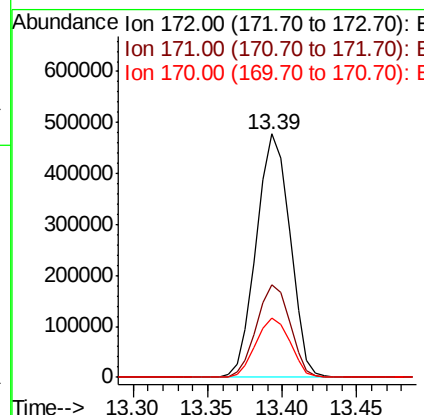
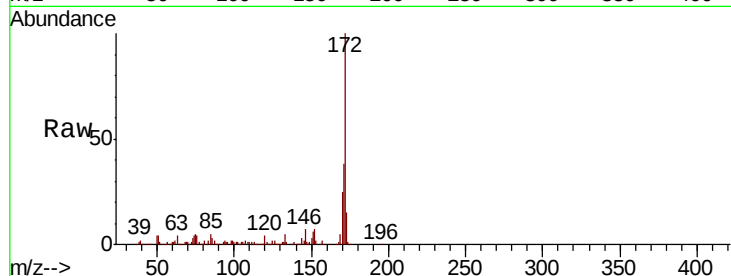




#45
2-Fluorobiphenyl
Concen: 76.062 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

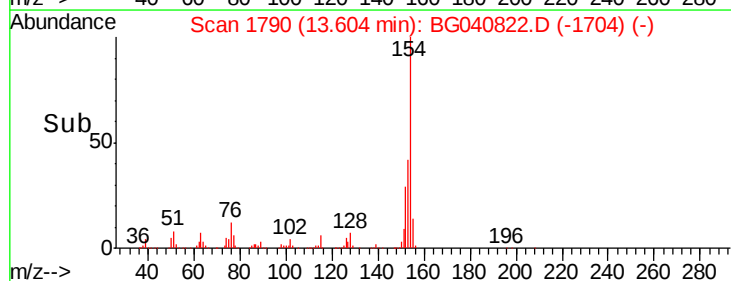
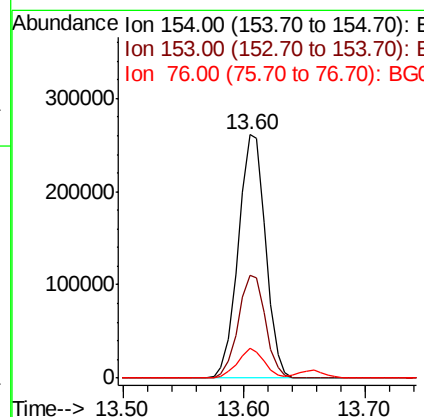
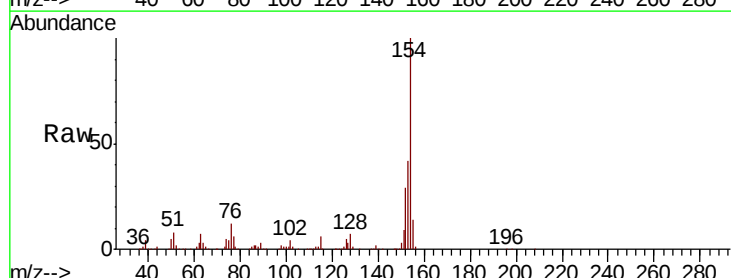
Instrument :
BNA_G
ClientSampleId :
PB119587BS

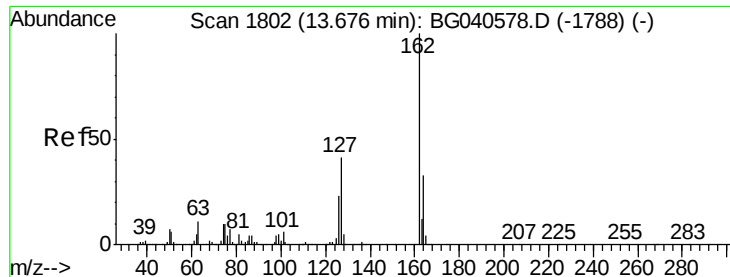
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.2
170	24.5	19.9	29.9



#46
1,1'-Biphenyl
Concen: 37.391 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.5	60.5
76	12.3	0.0	32.5

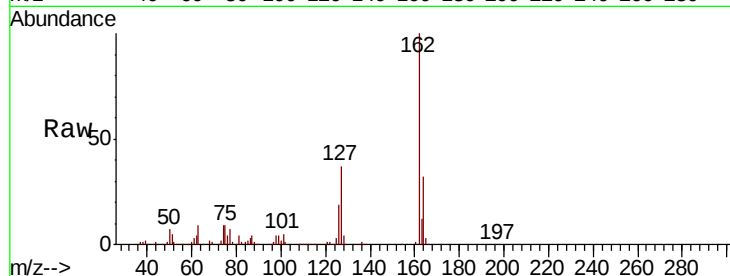




#47
 2-Chloronaphthalene
 Concen: 39.906 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 PB119587BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	33.0	49.4
164	32.0	26.8	40.2

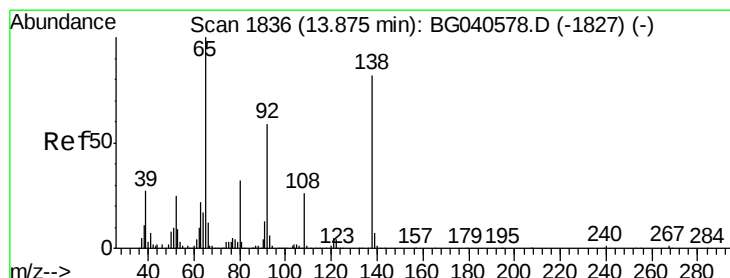
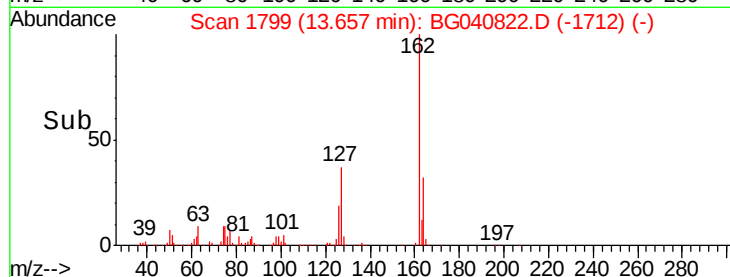
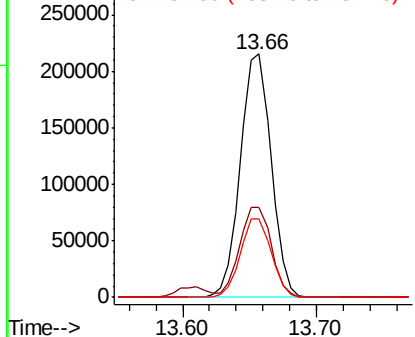


Abundance

Ion 162.00 (161.70 to 162.70): E

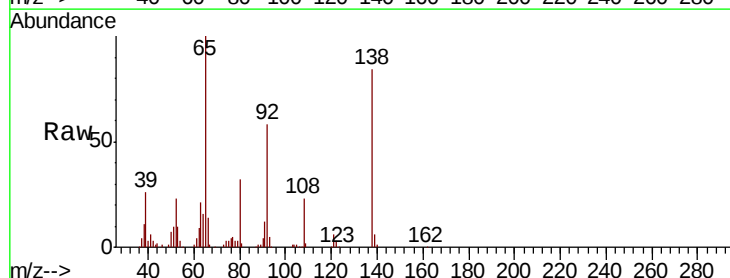
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 45.625 ng
 RT: 13.86 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.6	47.4	71.0
138	84.3	66.1	99.1

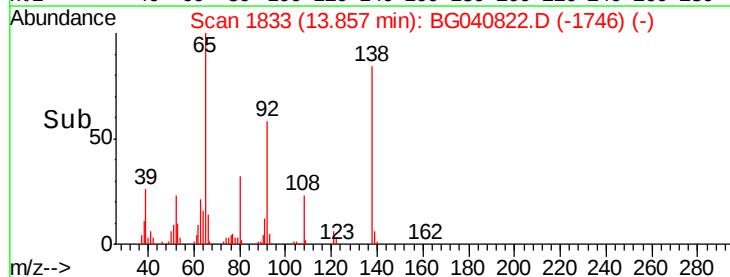
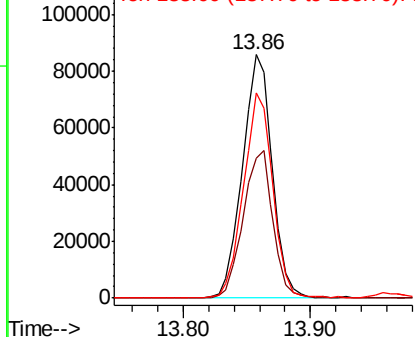


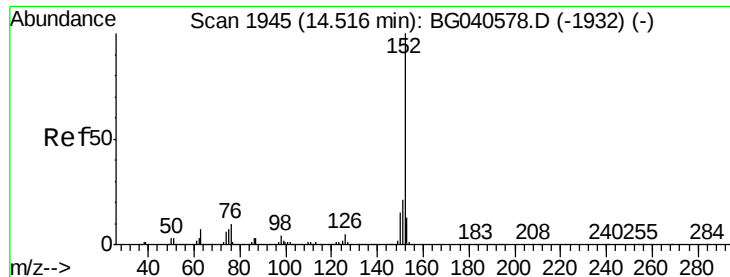
Abundance

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: 37.082 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

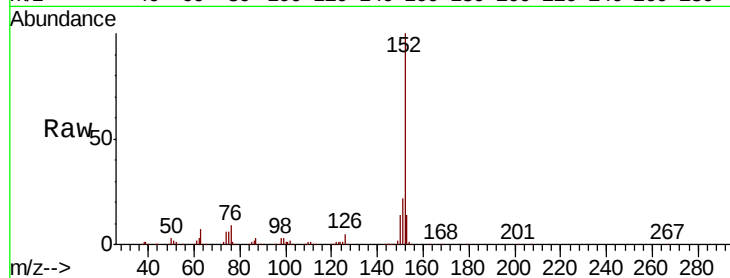
Tgt Ion:152 Resp: 541133

Ion Ratio Lower Upper

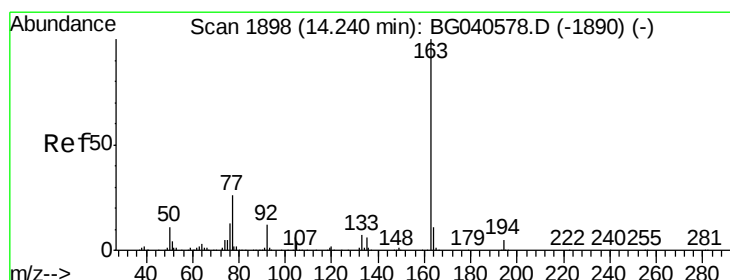
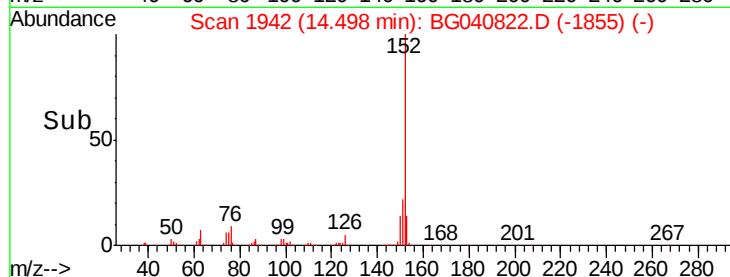
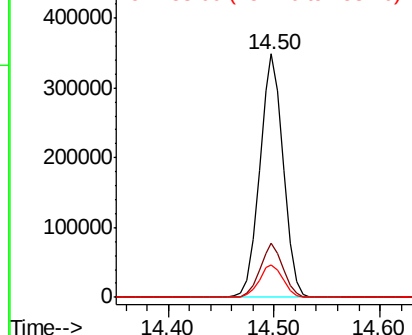
152 100

151 22.0 17.2 25.8

153 13.5 10.7 16.1



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



#50

Dimethylphthalate

Concen: 39.380 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

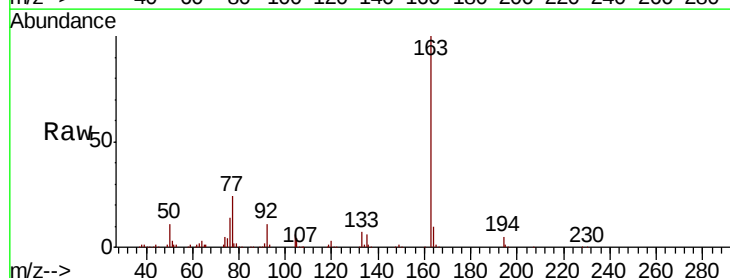
Tgt Ion:163 Resp: 466406

Ion Ratio Lower Upper

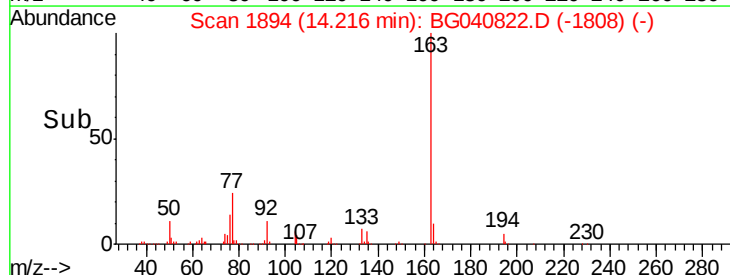
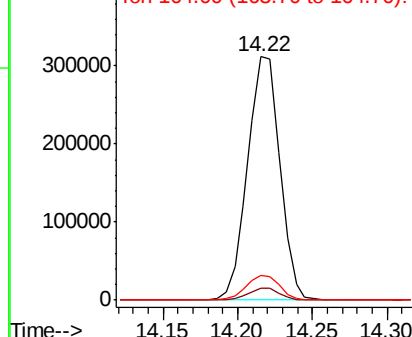
163 100

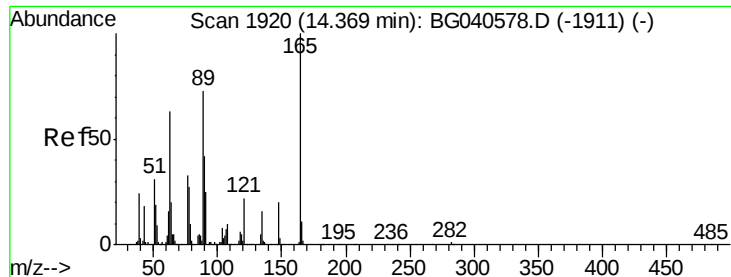
194 4.7 3.8 5.8

164 10.4 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.610 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

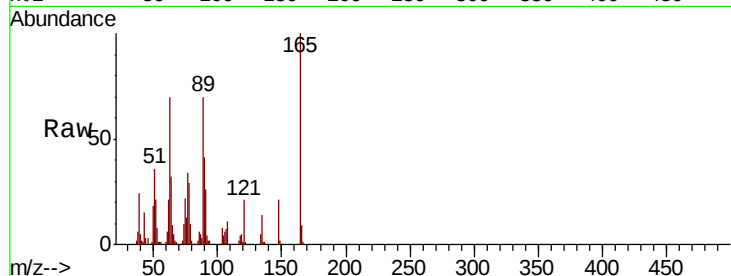
Tgt Ion:165 Resp: 103117

Ion Ratio Lower Upper

165 100

63 70.3 61.0 91.4

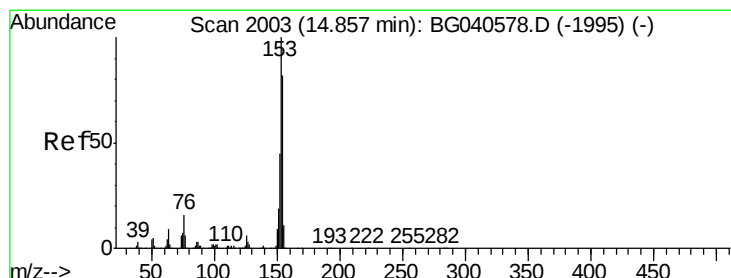
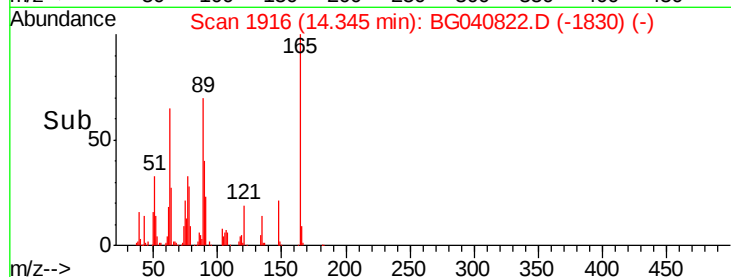
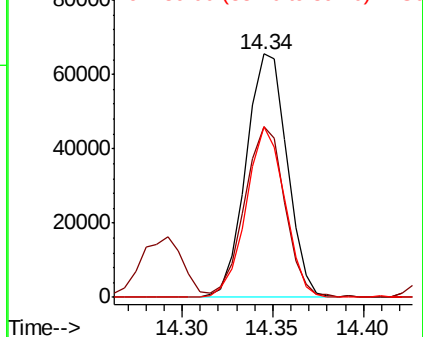
89 70.0 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 37.826 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

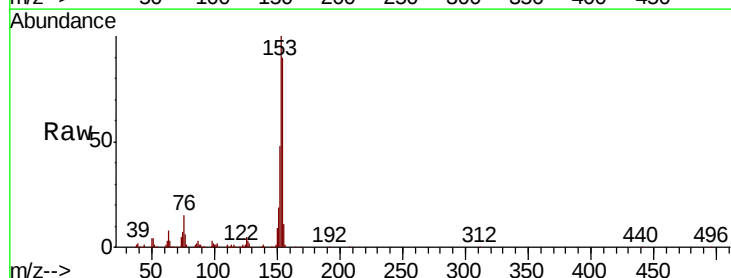
Tgt Ion:154 Resp: 321457

Ion Ratio Lower Upper

154 100

153 110.7 97.0 145.6

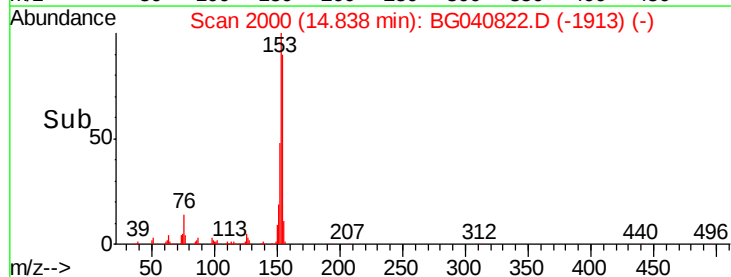
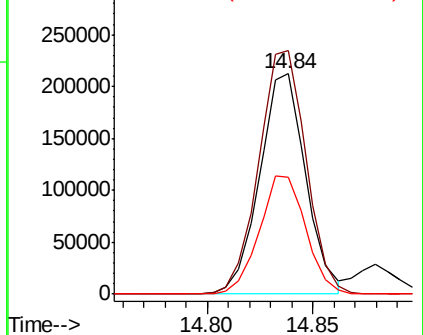
152 53.0 44.1 66.1

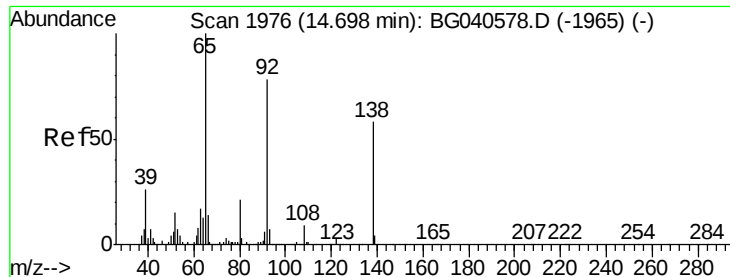


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 36.140 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

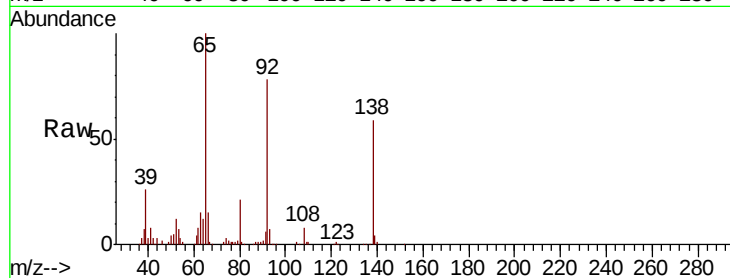
Tgt Ion:138 Resp: 85594

Ion Ratio Lower Upper

138 100

108 13.2 12.4 18.6

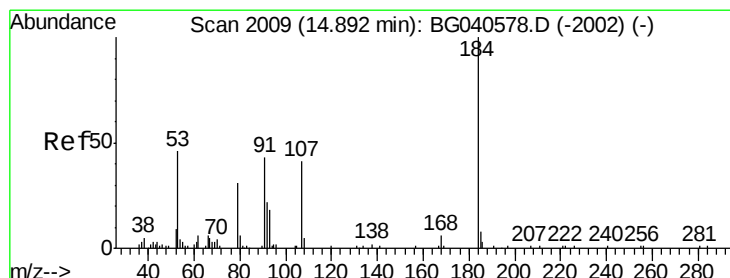
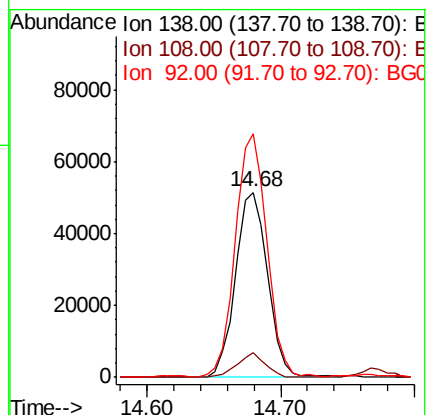
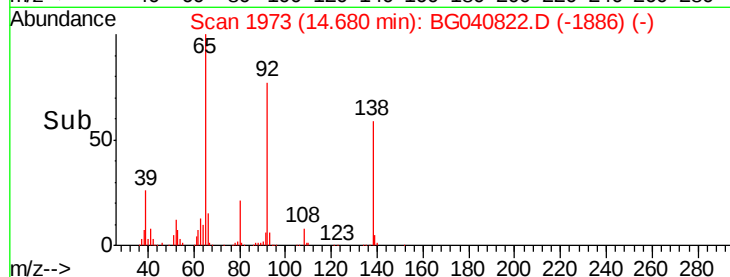
92 131.8 108.6 162.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 55.812 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

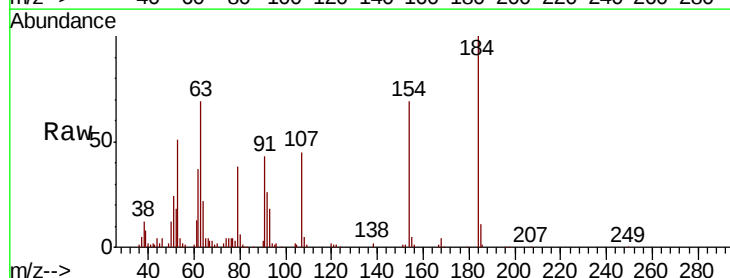
Tgt Ion:184 Resp: 69731

Ion Ratio Lower Upper

184 100

63 69.3 51.8 77.6

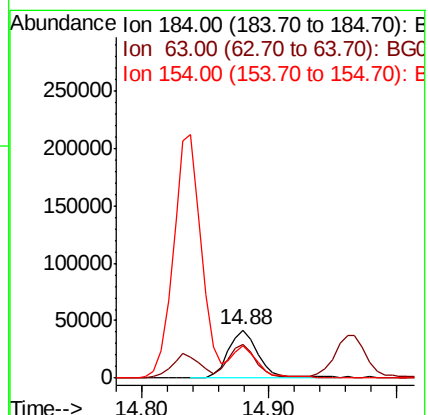
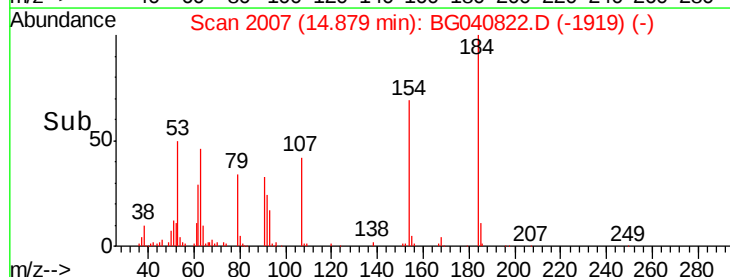
154 69.0 43.6 65.4#

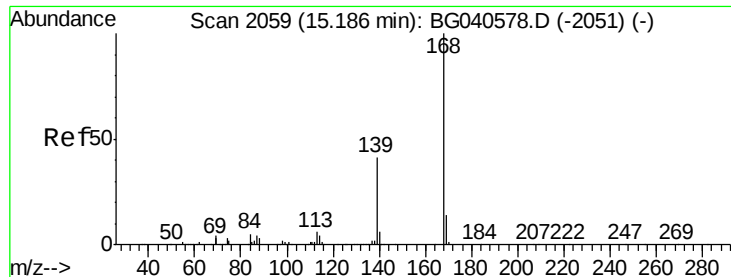


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.038 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

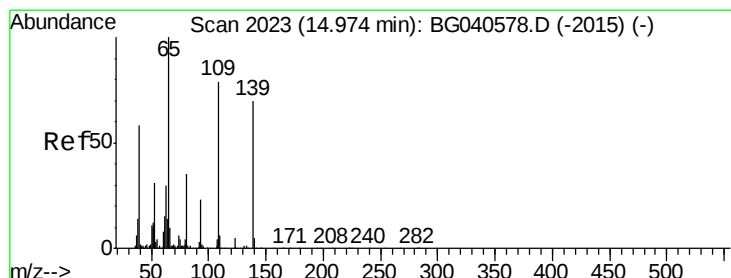
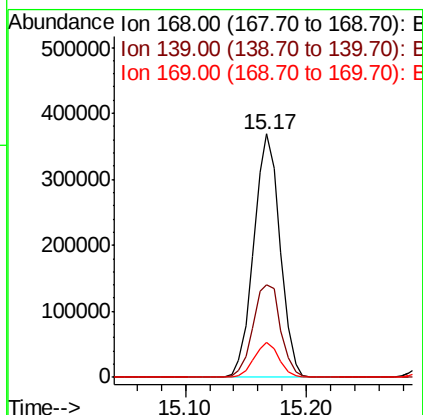
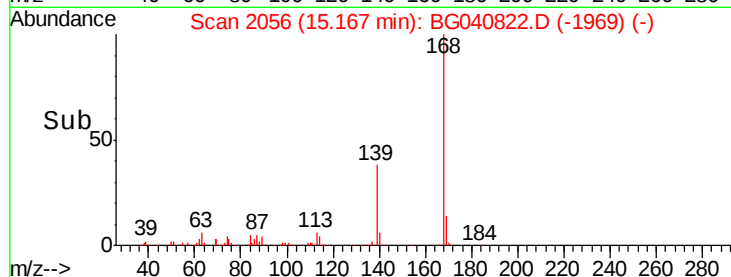
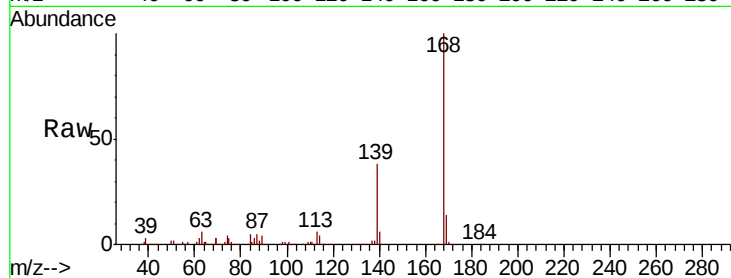
Tgt Ion:168 Resp: 557315

Ion Ratio Lower Upper

168 100

139 38.1 33.0 49.4

169 14.5 11.0 16.4



#56

4-Nitrophenol

Concen: 77.752 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

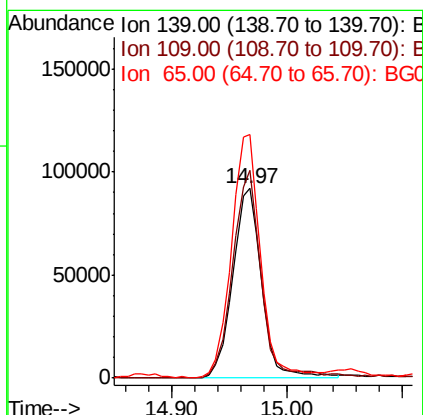
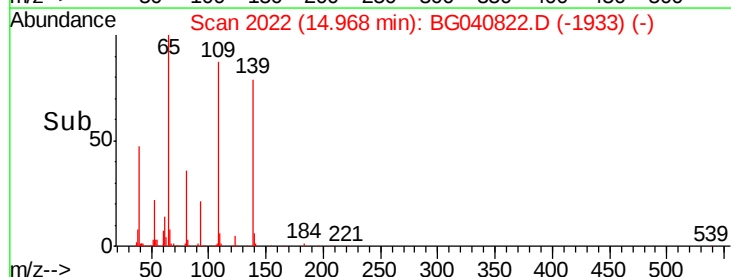
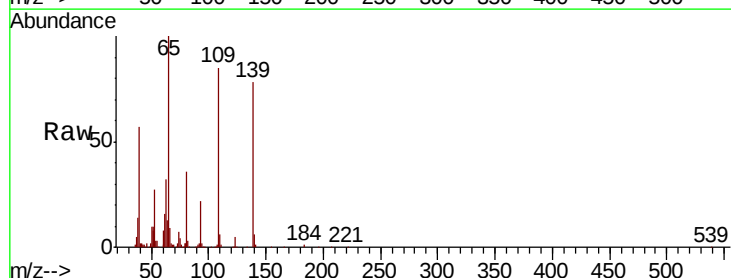
Tgt Ion:139 Resp: 159678

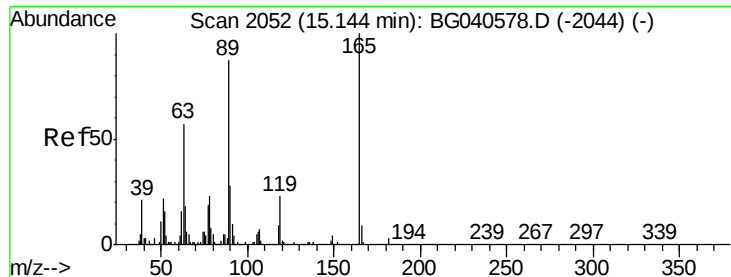
Ion Ratio Lower Upper

139 100

109 109.8 93.8 133.8

65 128.7 122.7 162.7

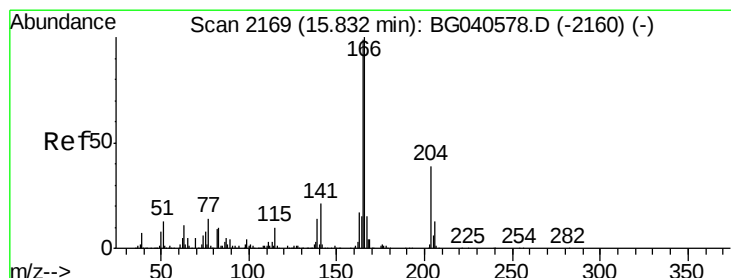
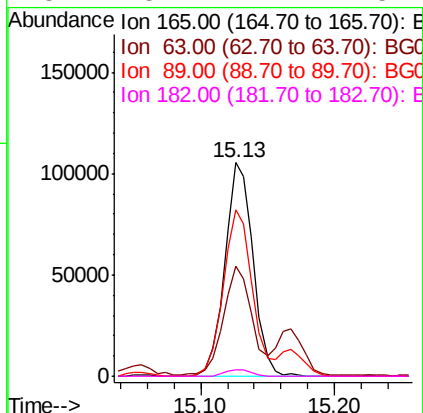
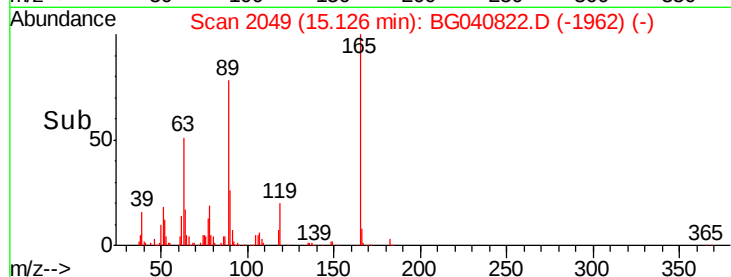
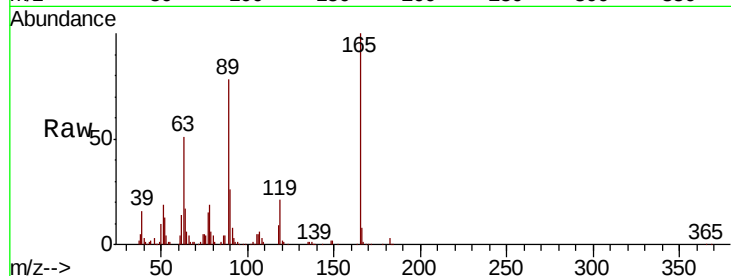




#57
2,4-Dinitrotoluene
Concen: 49.545 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

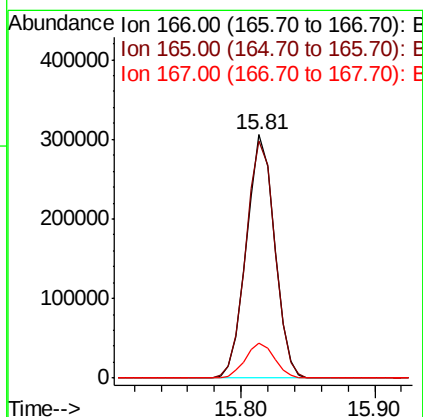
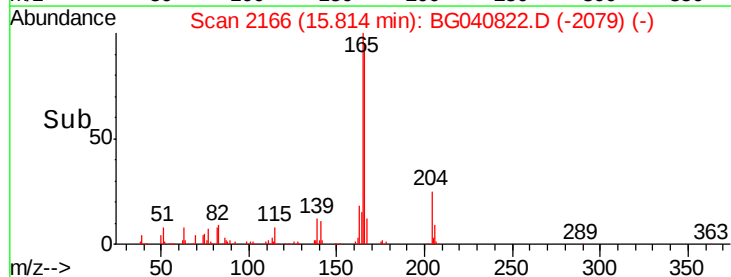
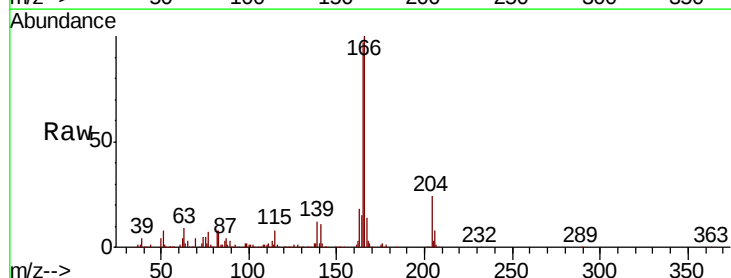
Instrument :
BNA_G
ClientSampleId :
PB119587BS

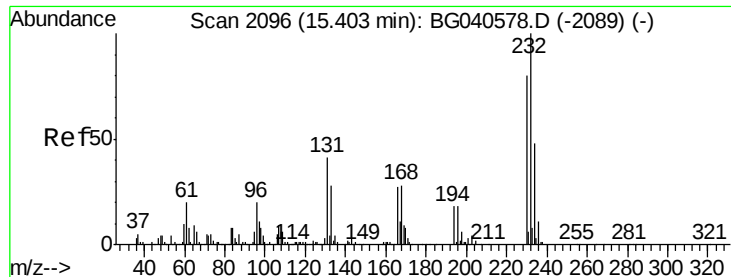
Tgt Ion:165 Resp: 155621
Ion Ratio Lower Upper
165 100
63 51.4 45.8 68.8
89 78.0 69.4 104.2
182 3.2 2.2 3.4



#58
Fluorene
Concen: 39.467 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion:166 Resp: 444032
Ion Ratio Lower Upper
166 100
165 97.3 79.6 119.4
167 14.5 12.2 18.2

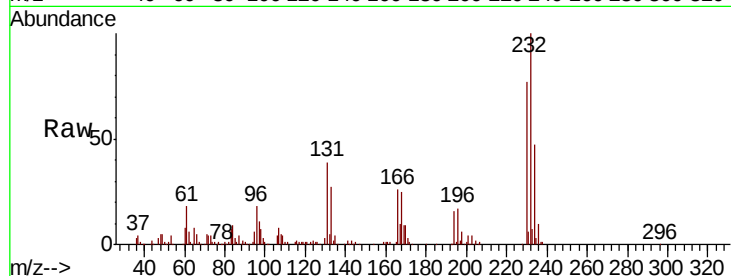




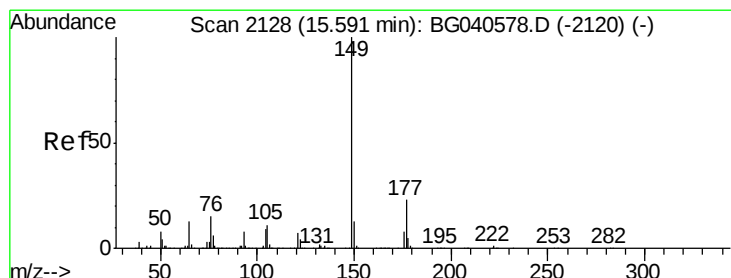
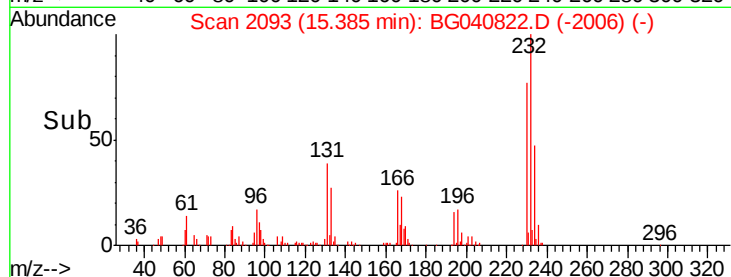
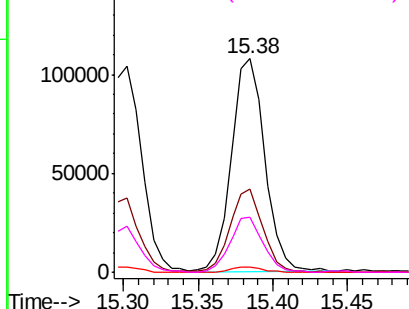
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.013 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 PB119587BS

Tgt Ion:	232	Resp:	167762
Ion	Ratio	Lower	Upper
232	100		
131	38.6	33.0	49.4
130	2.5	2.0	3.0
166	25.2	22.1	33.1

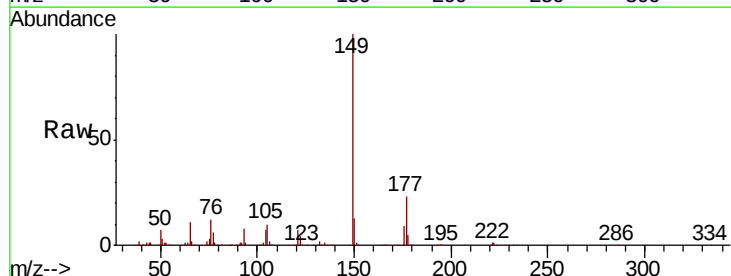


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

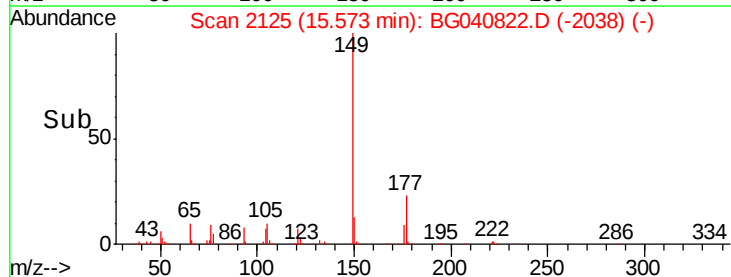
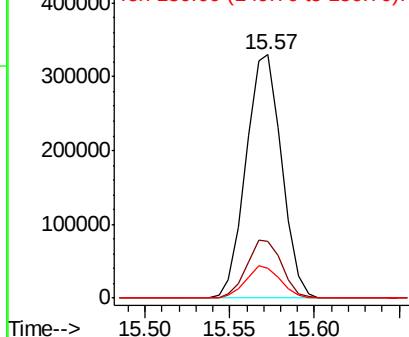


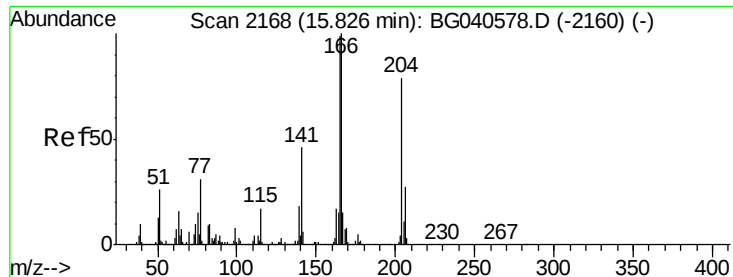
#60
 Diethylphthalate
 Concen: 38.687 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Tgt Ion:	149	Resp:	483440
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.5	27.7
150	12.5	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

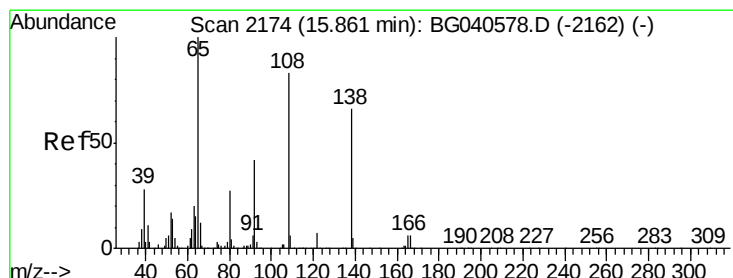
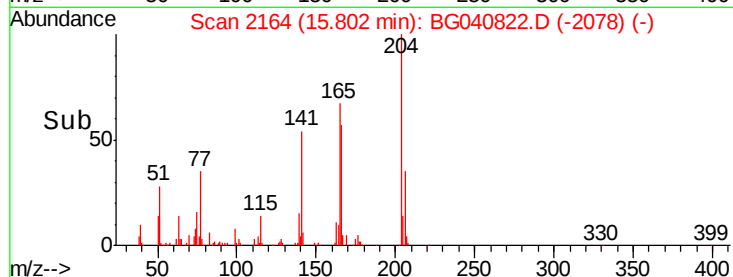
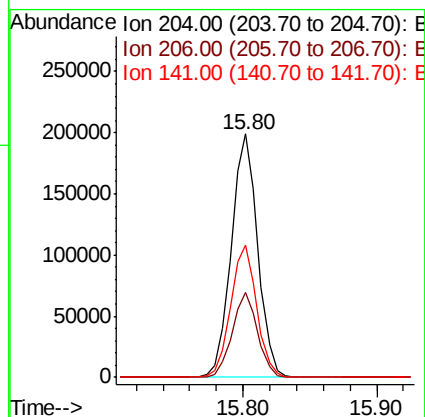
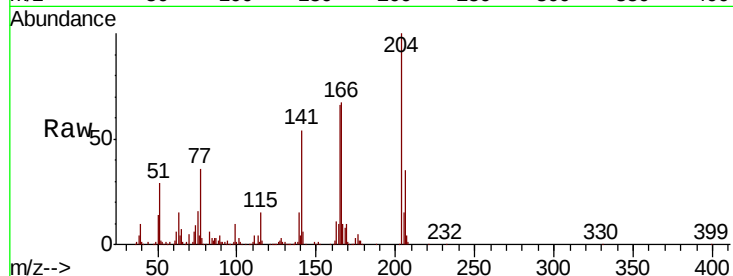




#61
4-Chlorophenyl-phenylether
Concen: 41.850 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

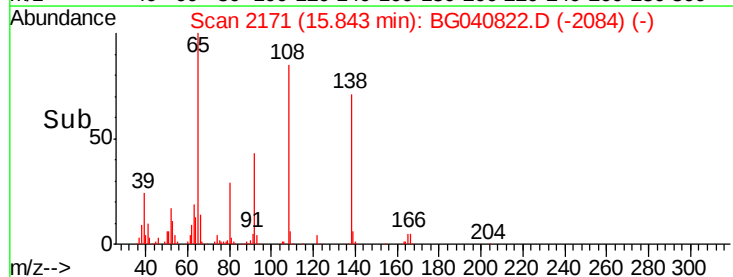
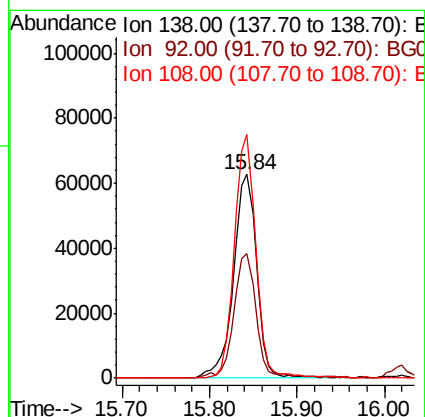
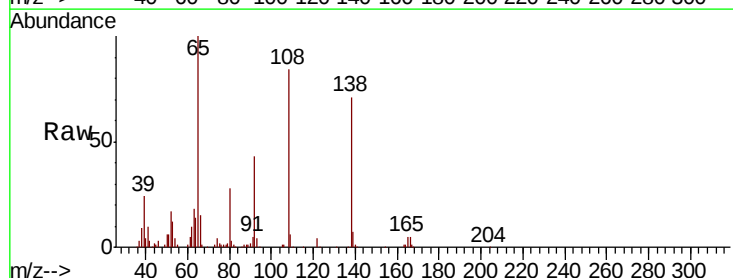
Instrument :
BNA_G
ClientSampleId :
PB119587BS

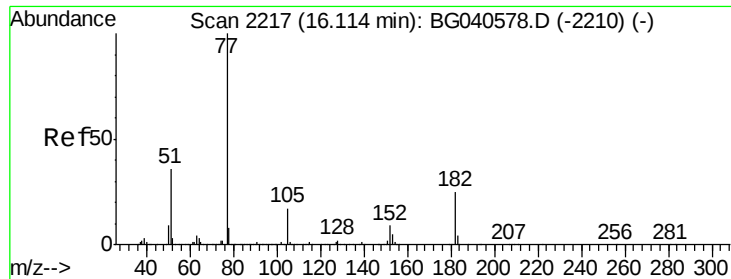
Tgt Ion: 204 Resp: 273844
Ion Ratio Lower Upper
204 100
206 34.9 27.4 41.2
141 54.2 46.0 69.0



#62
4-Nitroaniline
Concen: 42.306 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion: 138 Resp: 112084
Ion Ratio Lower Upper
138 100
92 61.1 43.9 83.9
108 119.5 106.5 146.5

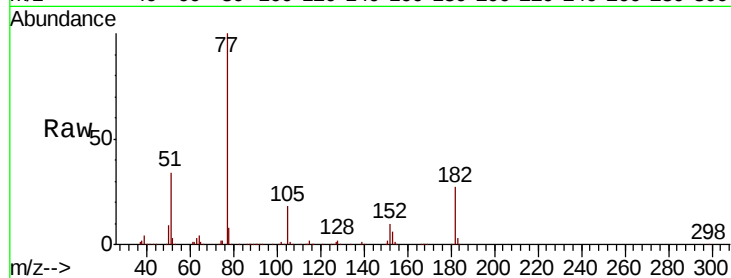




#63
Azobenzene
Concen: 36.750 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	5.0	45.0
105	17.8	0.0	37.6
51	34.4	16.3	56.3



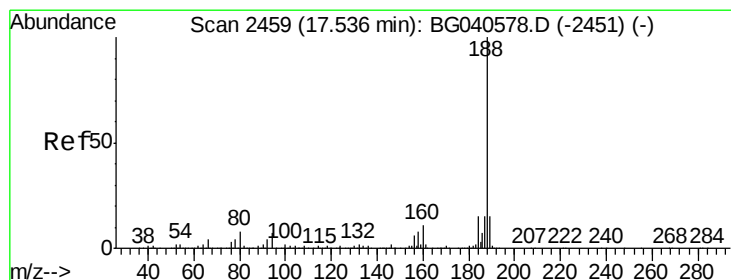
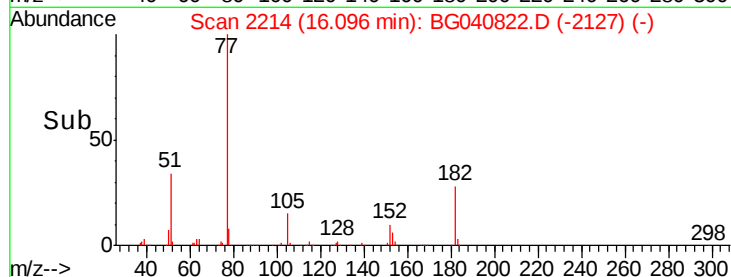
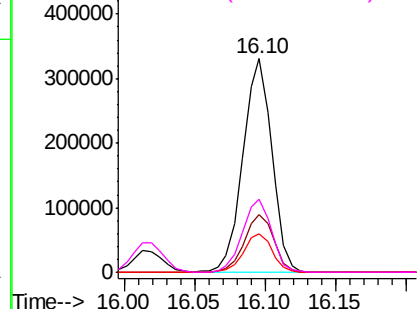
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

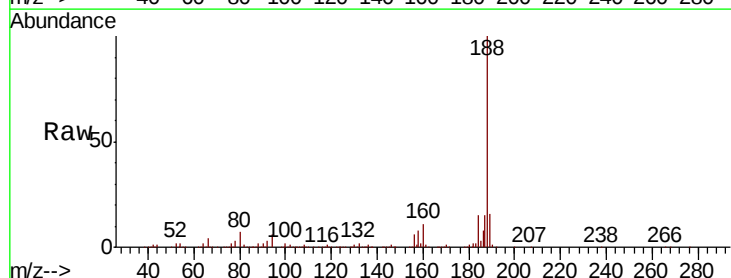
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.6	8.4
80	7.3	6.4	9.6

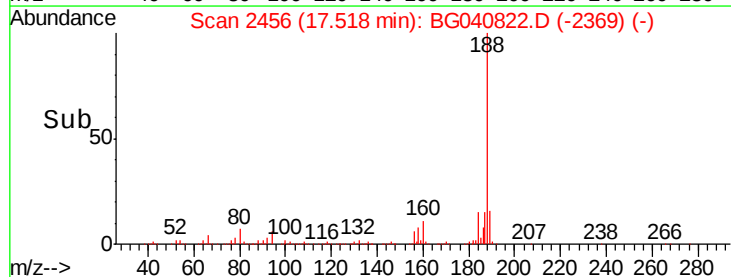
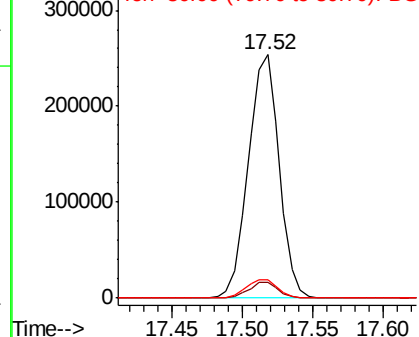


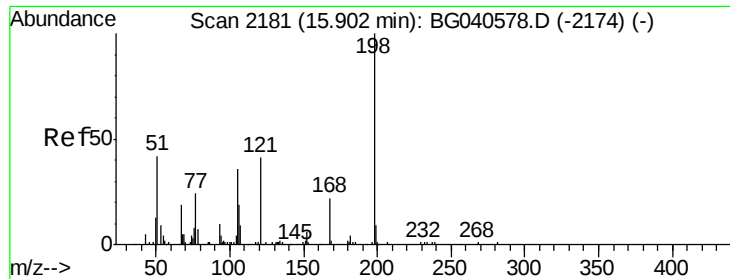
Abundance

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

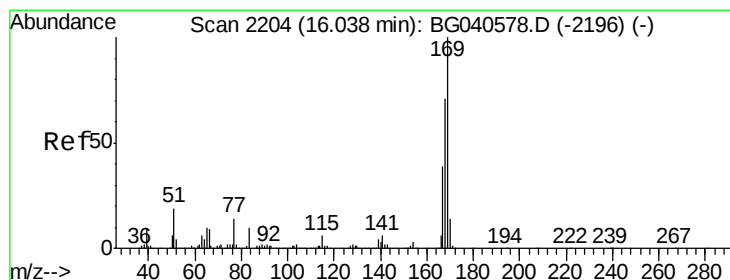
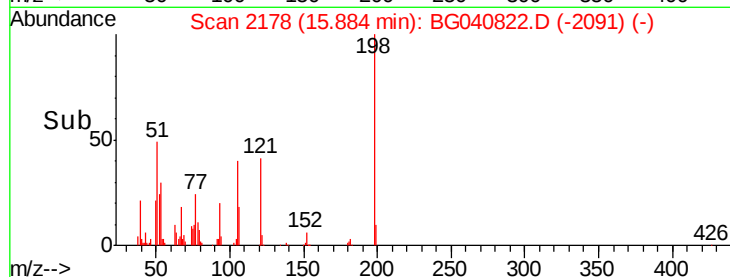
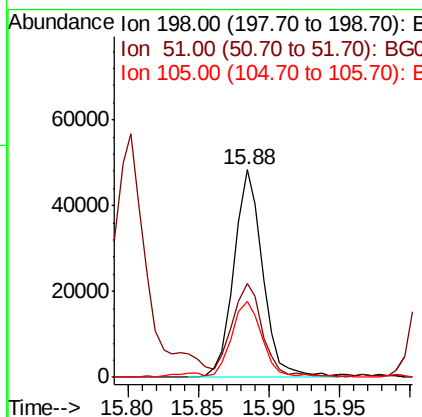
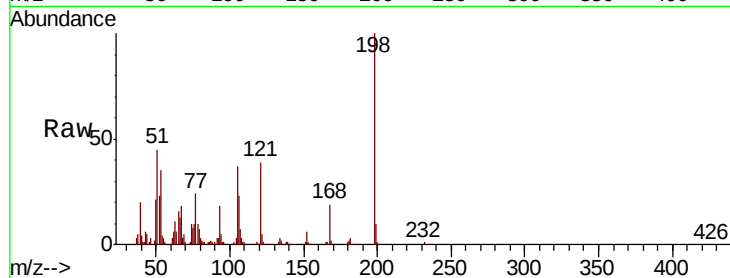




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.946 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

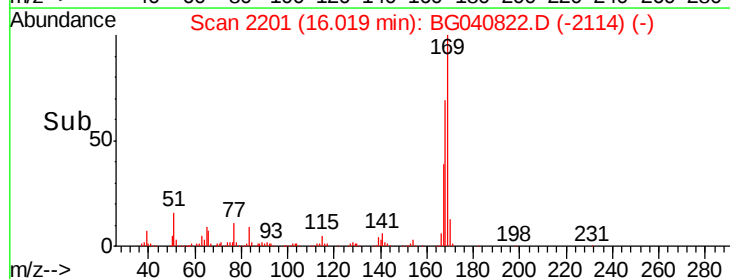
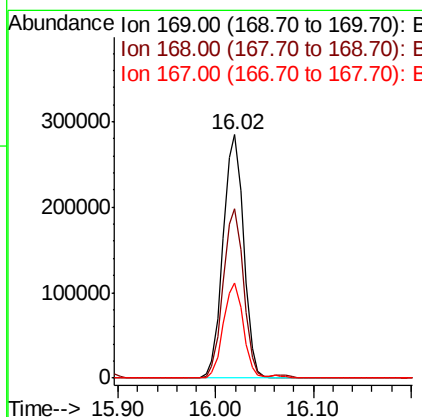
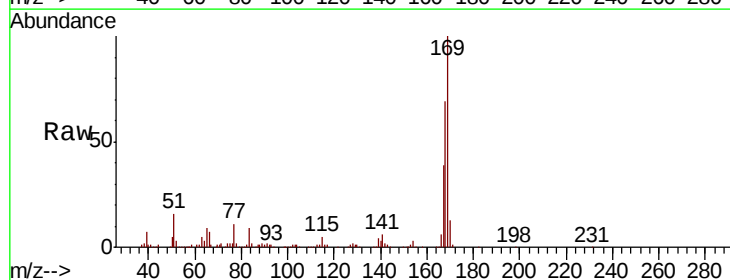
Instrument :
 BNA_G
 ClientSampleId :
 PB119587BS

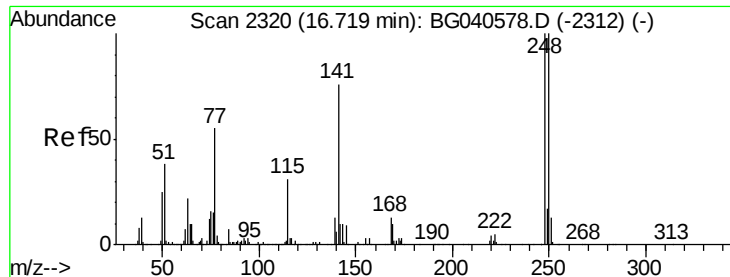
Tgt Ion:198 Resp: 69213
 Ion Ratio Lower Upper
 198 100
 51 45.1 35.9 75.9
 105 36.8 21.2 61.2



#66
 n-Nitrosodiphenylamine
 Concen: 36.505 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Tgt Ion:169 Resp: 416756
 Ion Ratio Lower Upper
 169 100
 168 69.4 56.8 85.2
 167 38.8 31.4 47.0

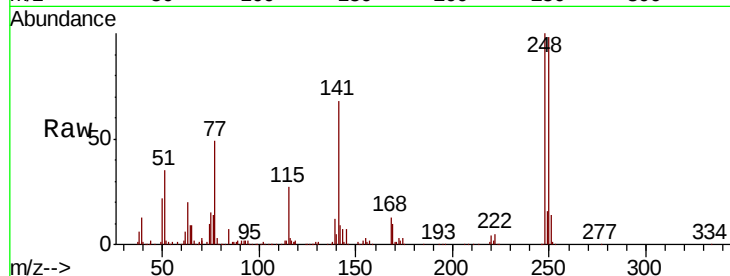




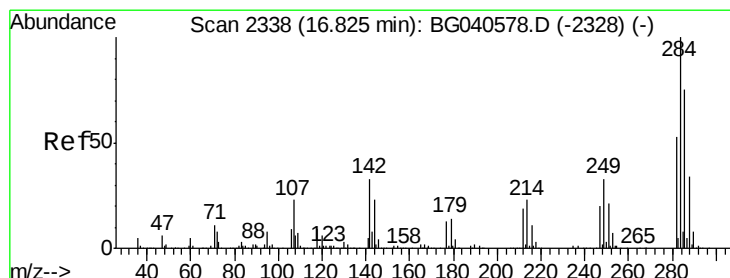
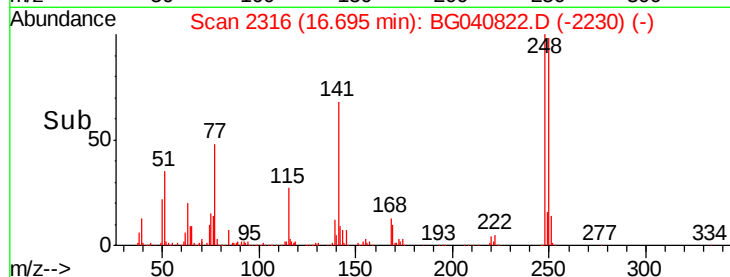
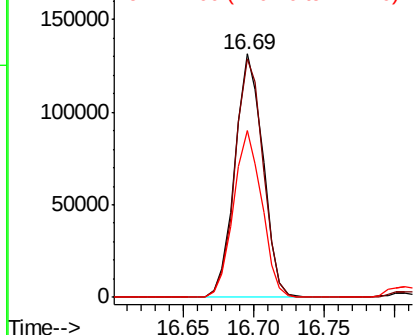
#67
 4-Bromophenyl-phenylether
 Concen: 37.774 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 PB119587BS

Tgt Ion: 248 Resp: 182613
 Ion Ratio Lower Upper
 248 100
 250 98.0 79.8 119.6
 141 68.5 60.8 91.2

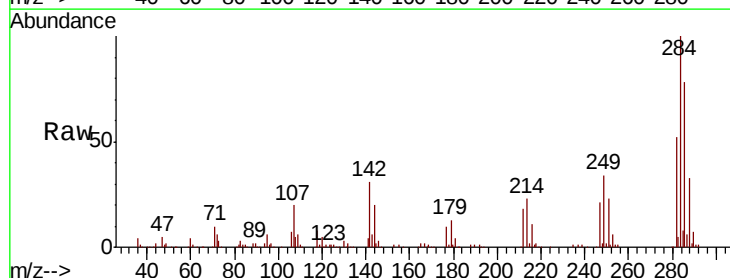


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

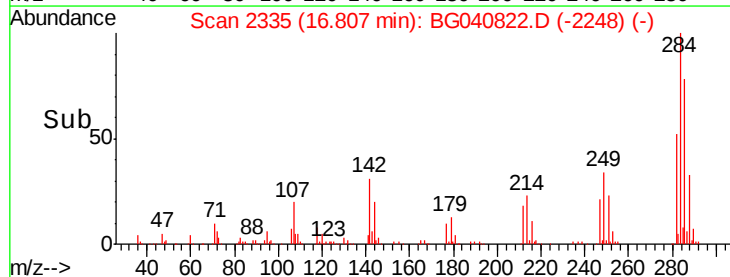
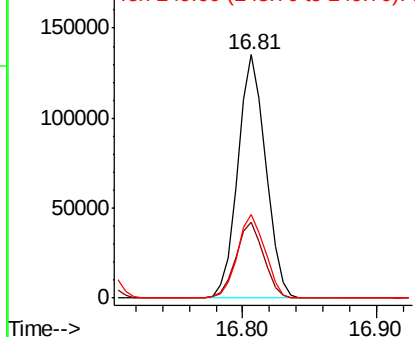


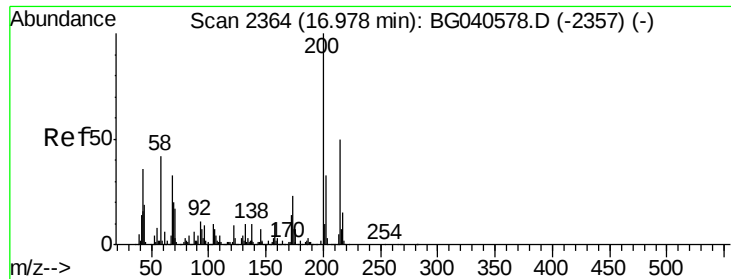
#68
 Hexachlorobenzene
 Concen: 38.964 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Tgt Ion: 284 Resp: 194770
 Ion Ratio Lower Upper
 284 100
 142 31.3 26.6 40.0
 249 34.2 26.0 39.0



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

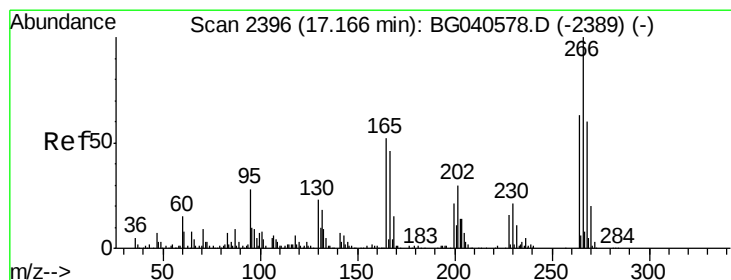
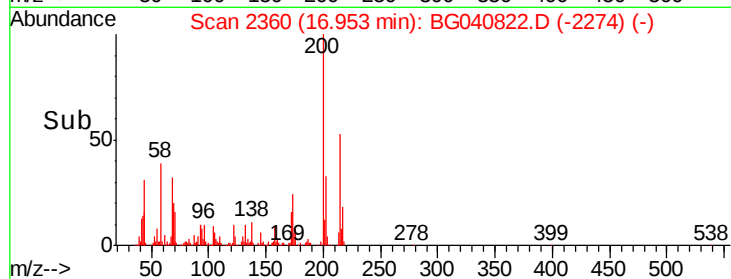
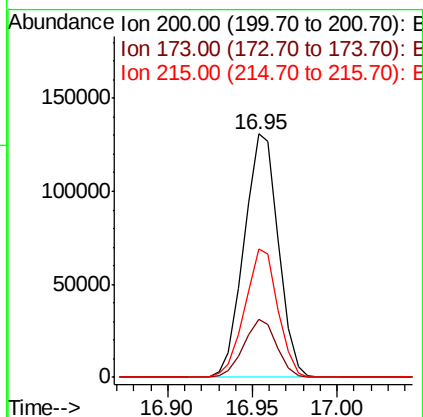
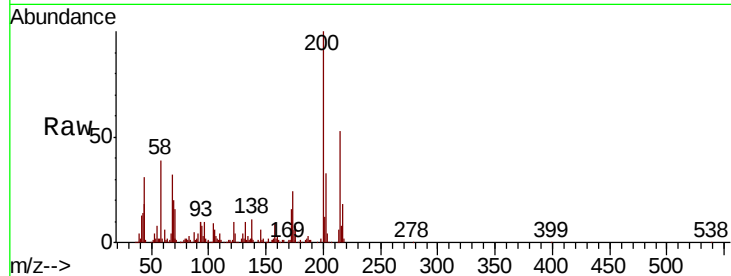




#69
 Atrazine
 Concen: 40.766 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

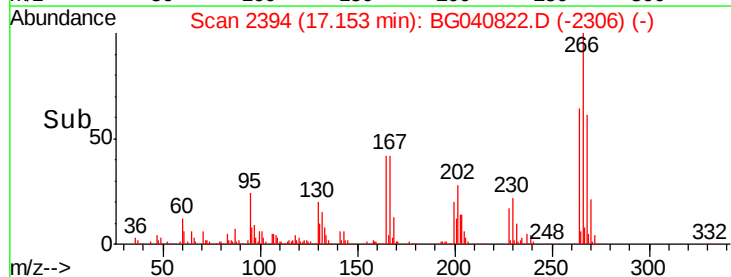
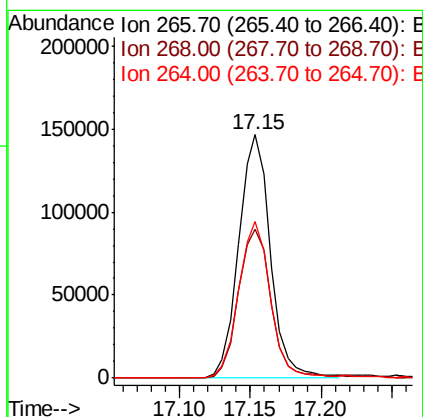
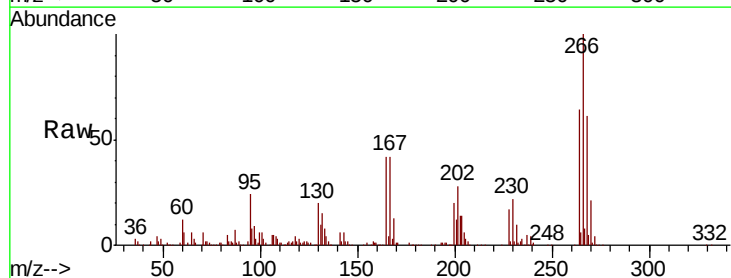
Instrument :
 BNA_G
 ClientSampleId :
 PB119587BS

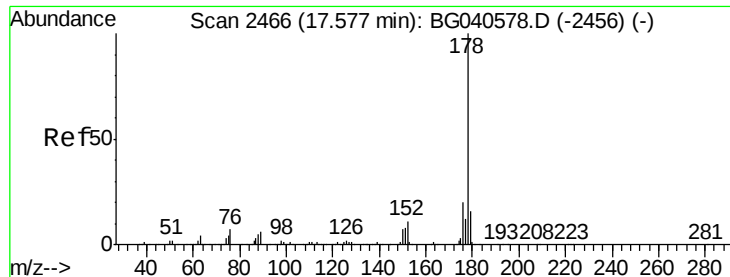
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.0	2.8	42.8
215	52.8	30.2	70.2



#70
 Pentachlorophenol
 Concen: 78.546 ng
 RT: 17.15 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	52.3	78.5
264	64.3	50.0	75.0

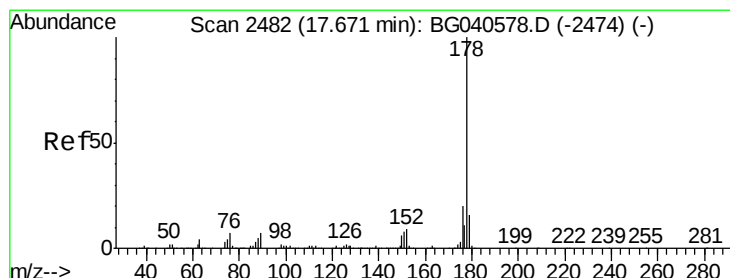
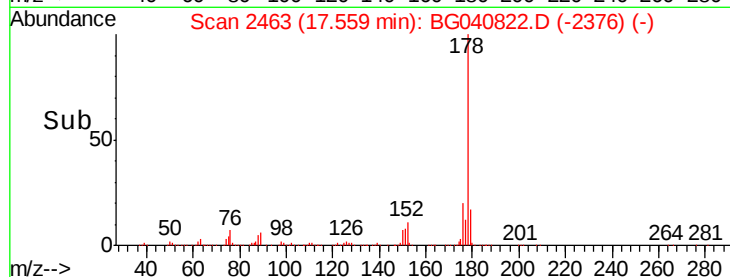
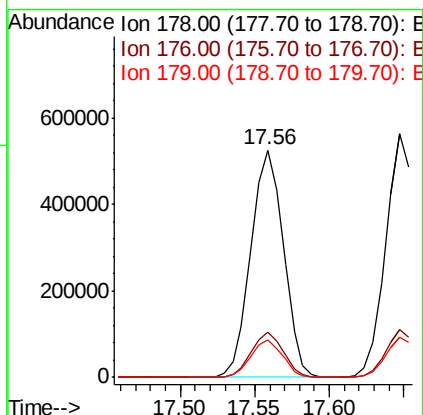
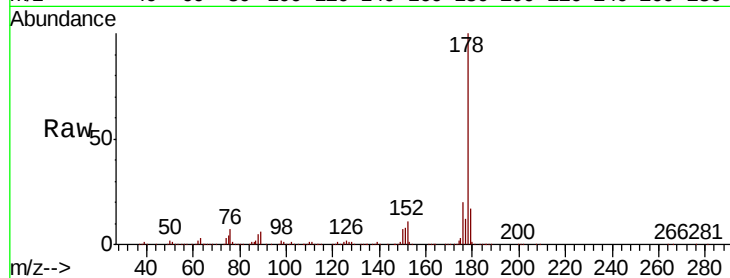




#71
Phenanthrene
Concen: 38.182 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

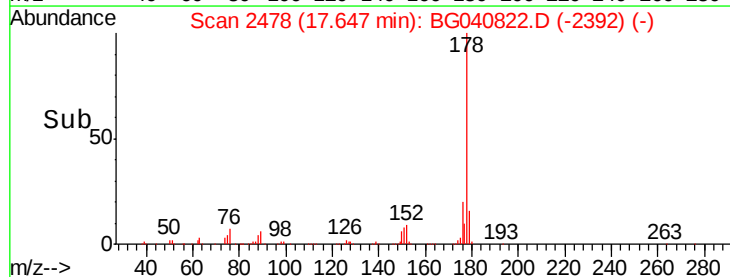
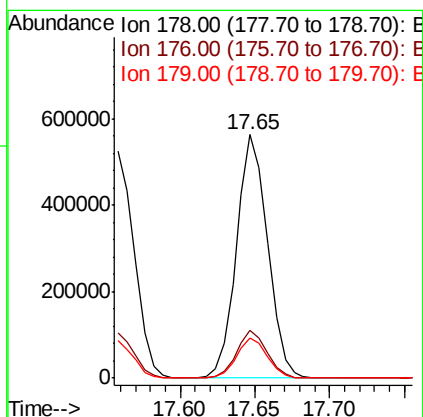
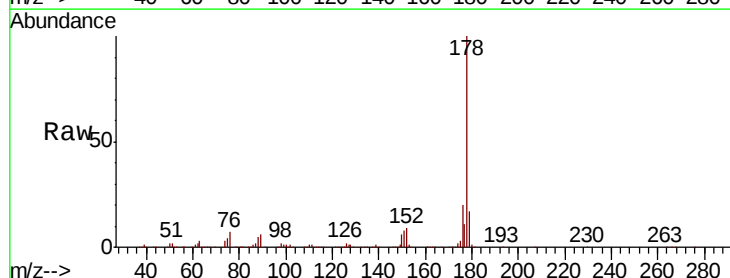
Instrument :
BNA_G
ClientSampleId :
PB119587BS

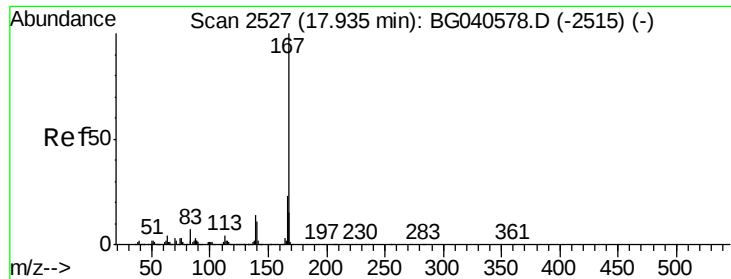
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.6	12.6	18.8



#72
Anthracene
Concen: 38.760 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.6	12.9	19.3





#73

Carbazole

Concen: 37.551 ng

RT: 17.92 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

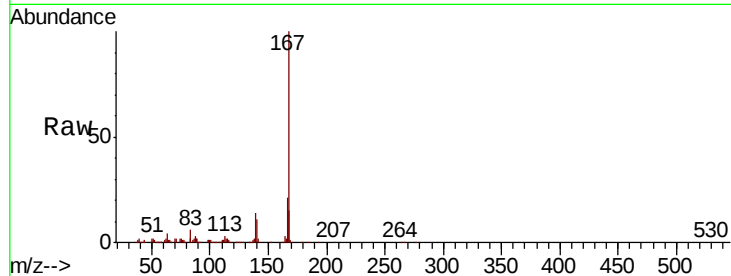
Tgt Ion:167 Resp: 718732

Ion Ratio Lower Upper

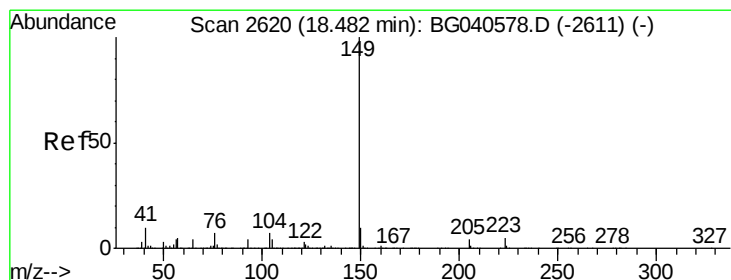
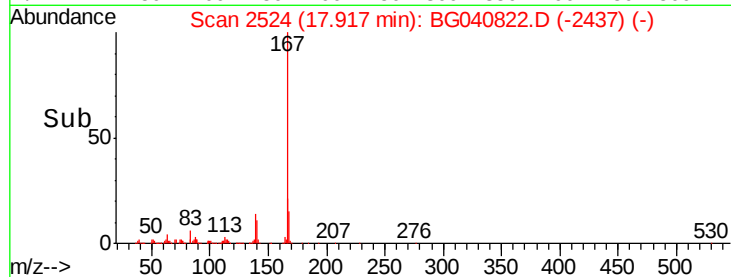
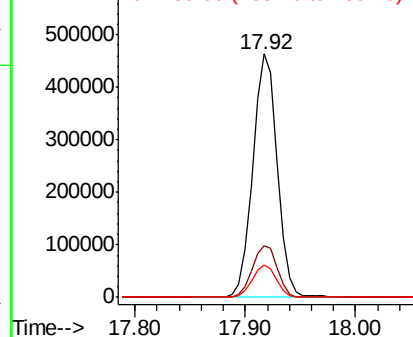
167 100

166 21.3 18.2 27.4

139 13.5 11.4 17.0



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: 37.744 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.03 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

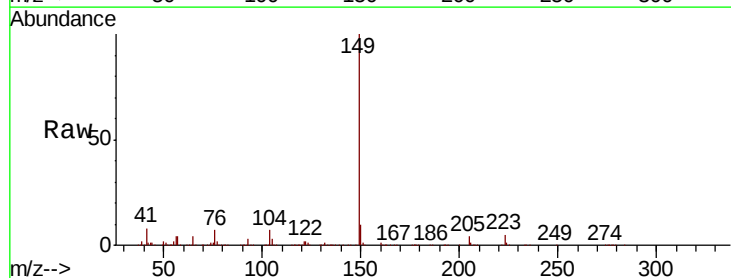
Tgt Ion:149 Resp: 871952

Ion Ratio Lower Upper

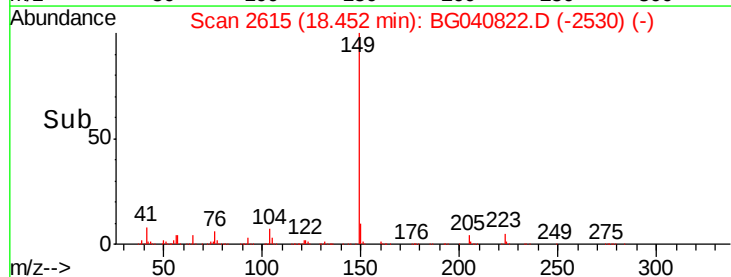
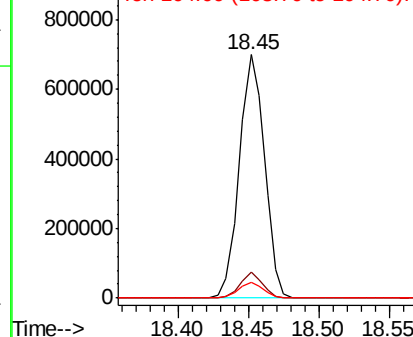
149 100

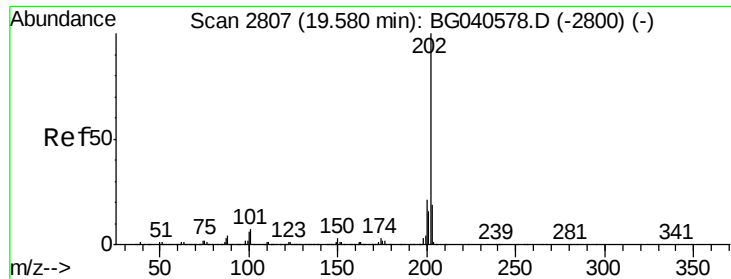
150 10.4 8.2 12.2

104 6.7 5.4 8.2



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: 40.416 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

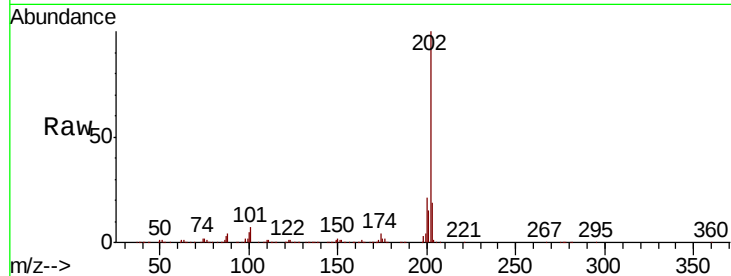
Tgt Ion:202 Resp: 1052656

Ion Ratio Lower Upper

202 100

101 6.8 0.0 27.5

203 18.7 0.0 39.3

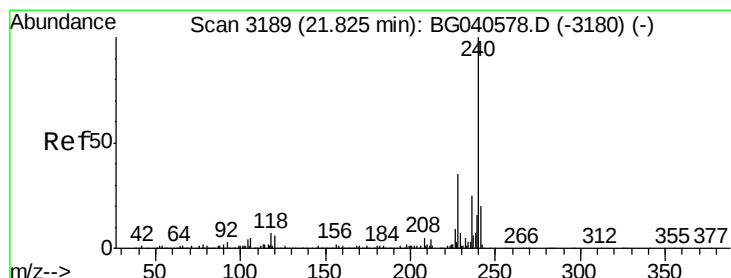
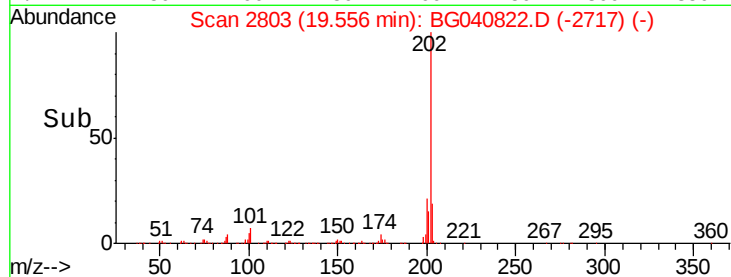
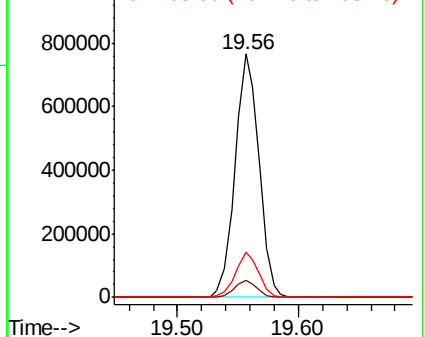


Abundance

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: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

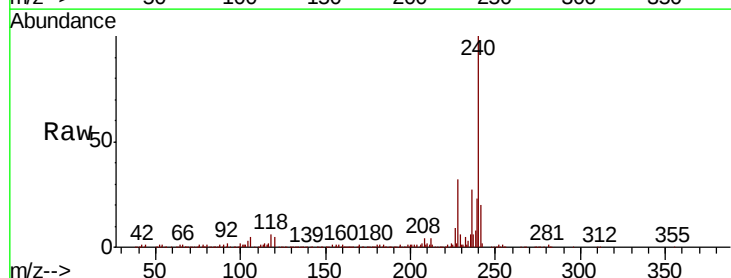
Tgt Ion:240 Resp: 393521

Ion Ratio Lower Upper

240 100

120 5.3 5.0 7.6

236 26.7 20.3 30.5

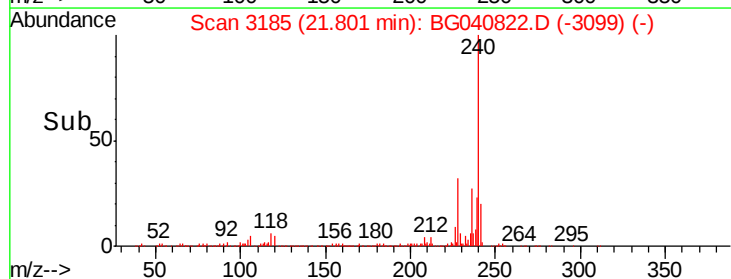
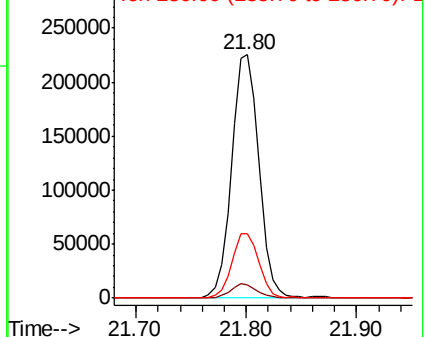


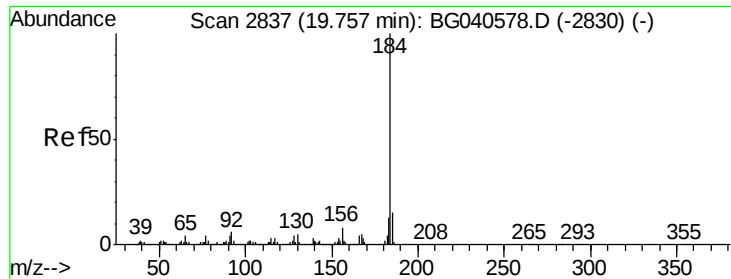
Abundance

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: 30.514 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

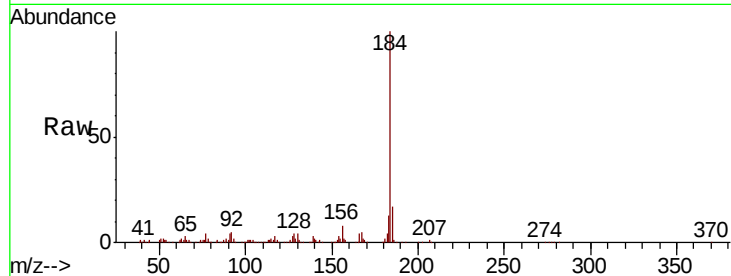
BNA_G

ClientSampleId :

PB119587BS

Tgt Ion:184 Resp: 328777

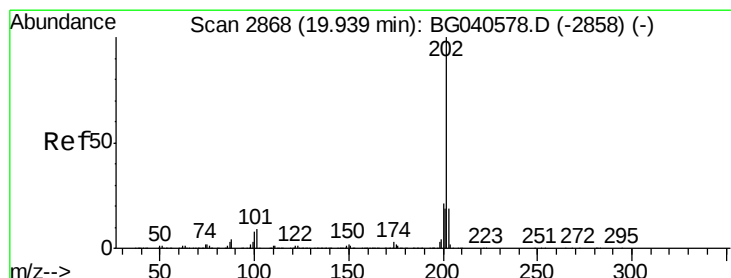
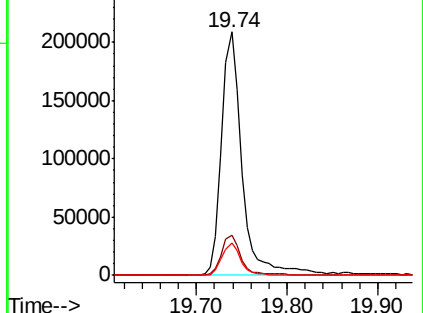
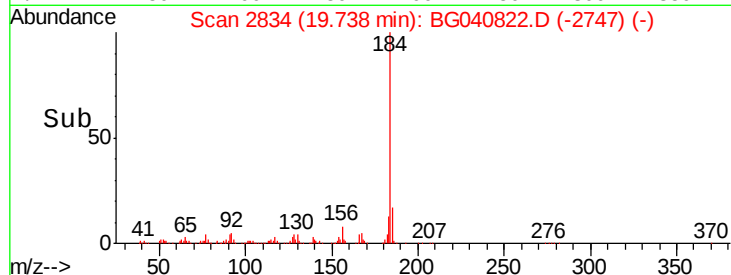
Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.8	17.8
183	13.1	10.2	15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.211 ng

RT: 19.92 min Scan# 2865

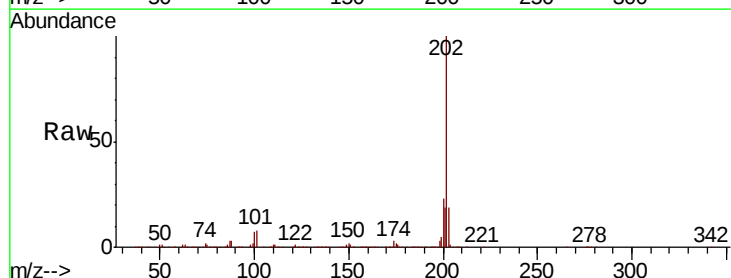
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:202 Resp: 1041098

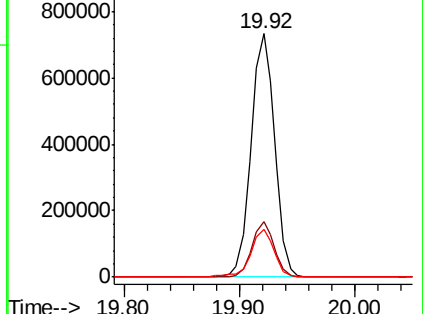
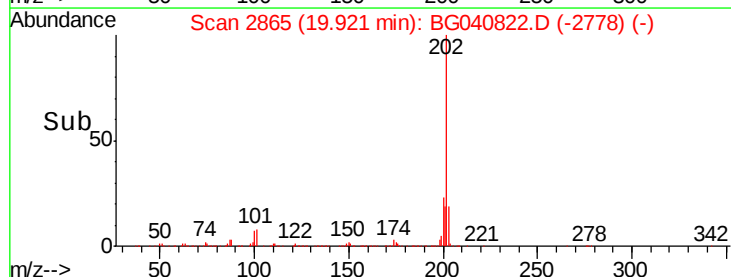
Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.2	25.8
203	19.5	15.0	22.4

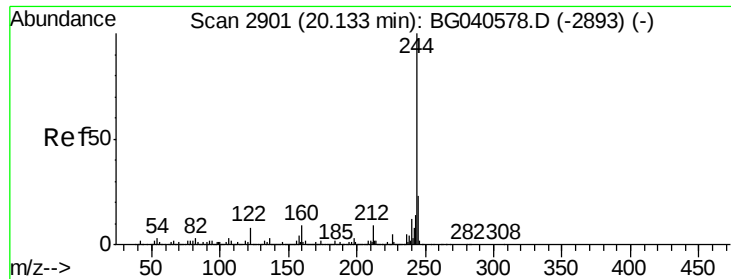


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.511 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

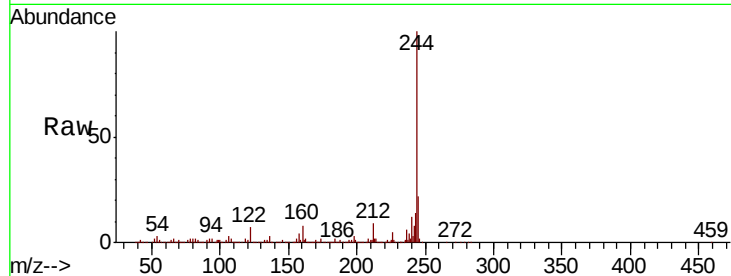
Tgt Ion:244 Resp: 1536679

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

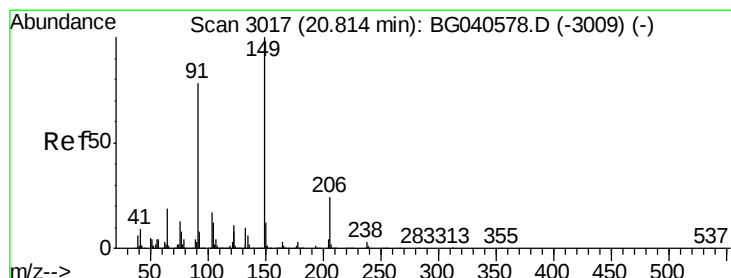
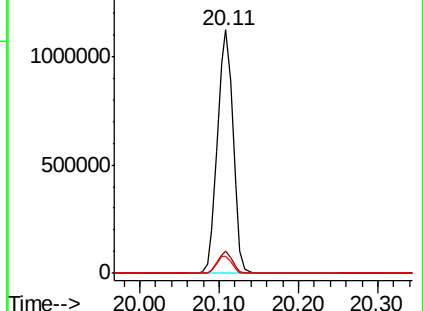
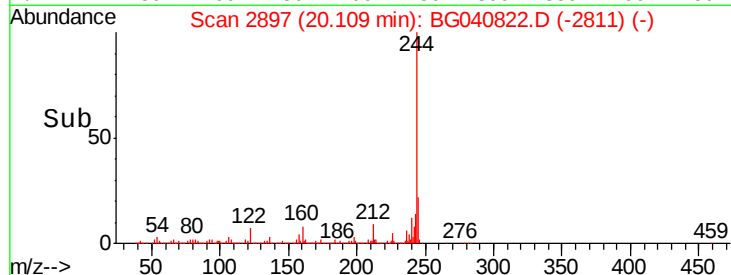
122 7.1 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.611 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

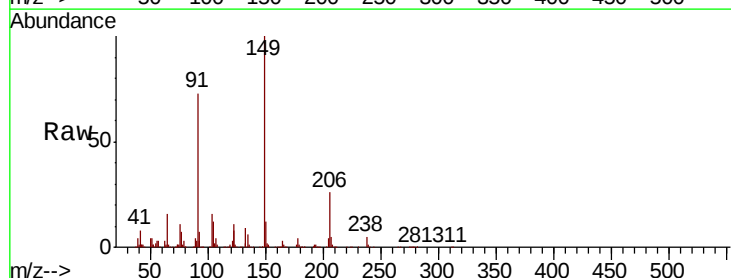
Tgt Ion:149 Resp: 400006

Ion Ratio Lower Upper

149 100

91 72.8 62.6 93.8

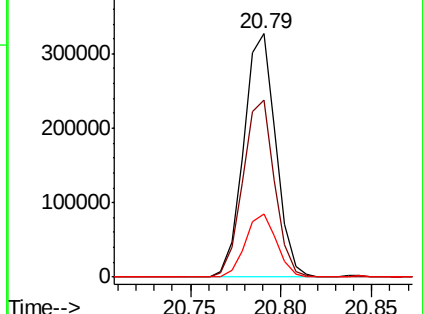
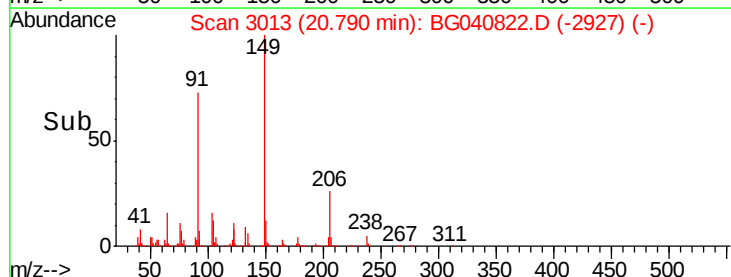
206 25.9 19.4 29.2

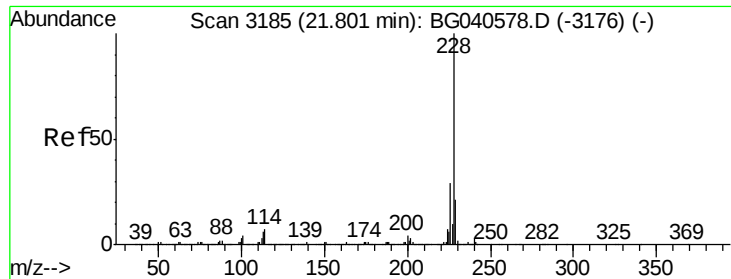


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.741 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

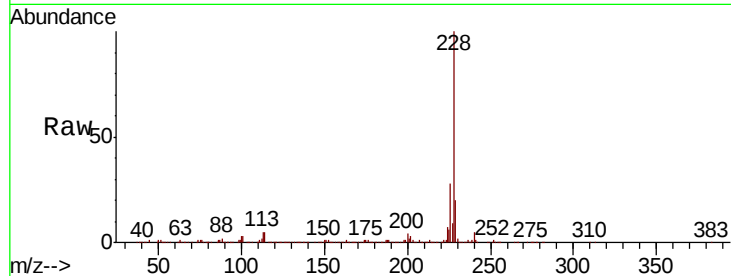
Tgt Ion:228 Resp: 1013255

Ion Ratio Lower Upper

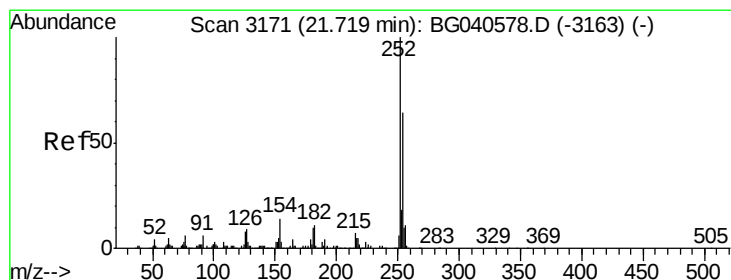
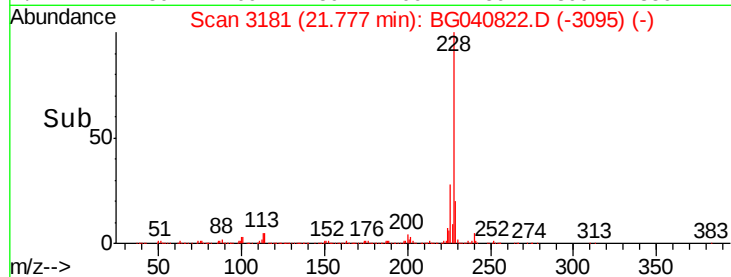
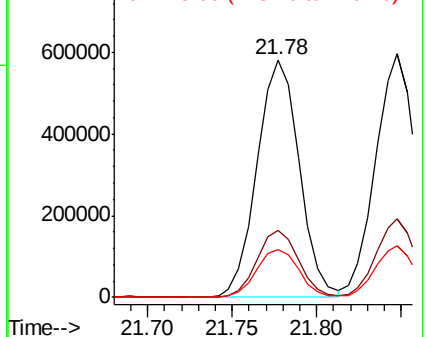
228 100

226 28.2 23.1 34.7

229 20.4 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E
800000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.955 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

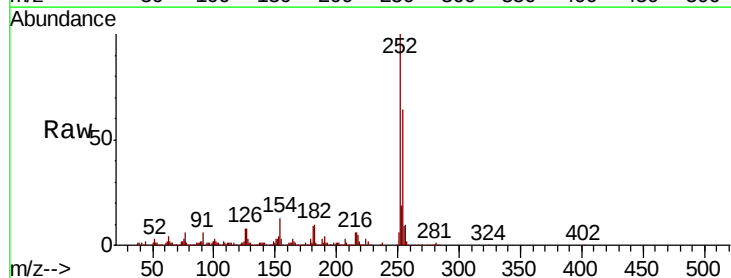
Tgt Ion:252 Resp: 274406

Ion Ratio Lower Upper

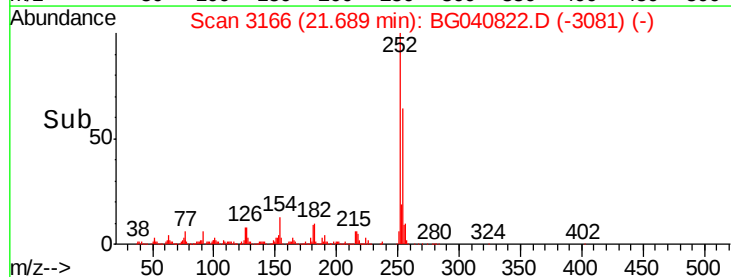
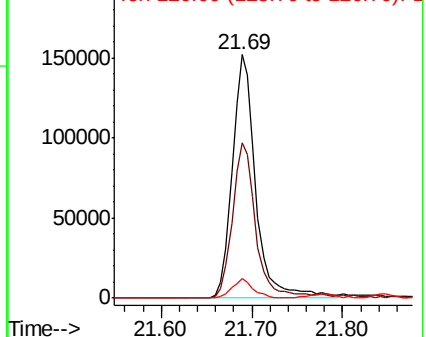
252 100

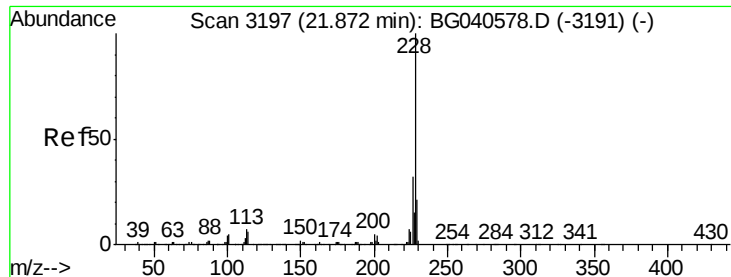
254 63.6 51.2 76.8

126 7.8 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E
200000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.170 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

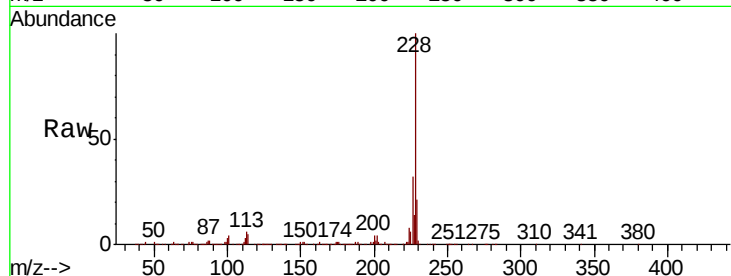
Tgt Ion:228 Resp: 997449

Ion Ratio Lower Upper

228 100

226 32.3 25.5 38.3

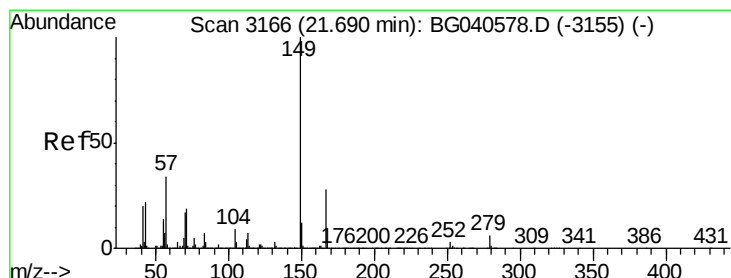
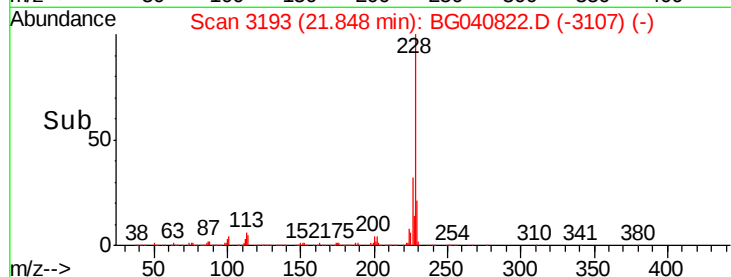
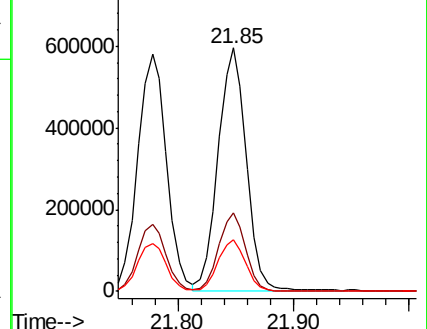
229 21.0 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.747 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.04 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

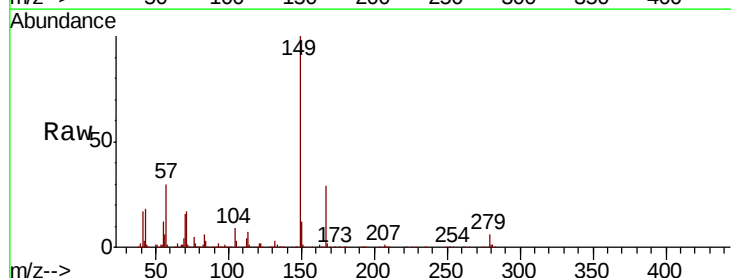
Tgt Ion:149 Resp: 551540

Ion Ratio Lower Upper

149 100

167 28.9 22.4 33.6

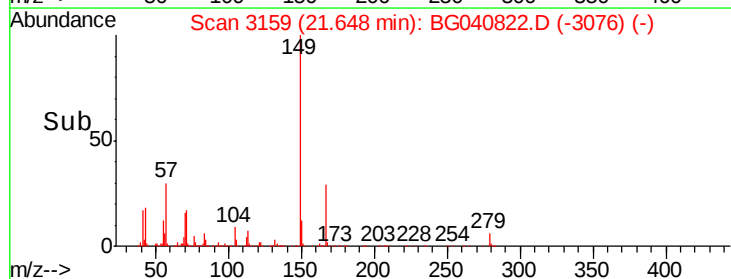
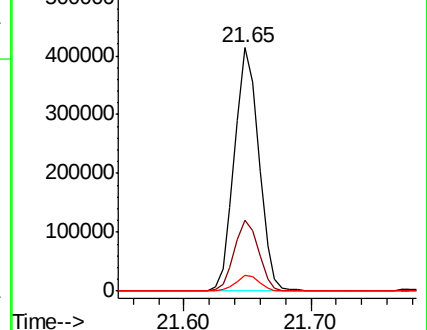
279 6.3 4.6 6.8

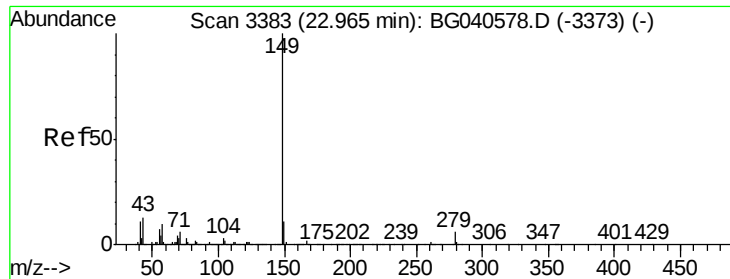


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

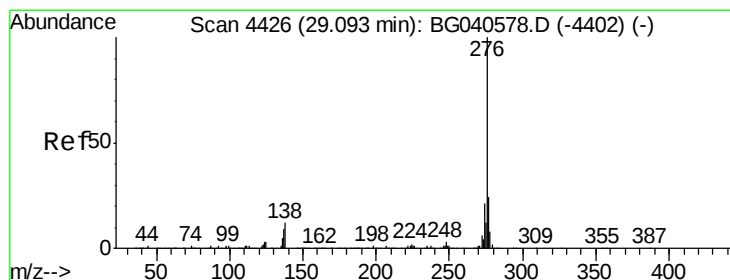
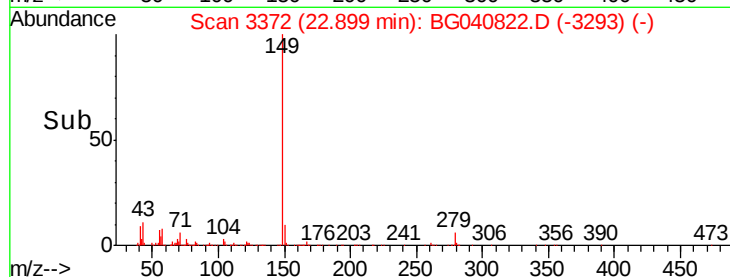
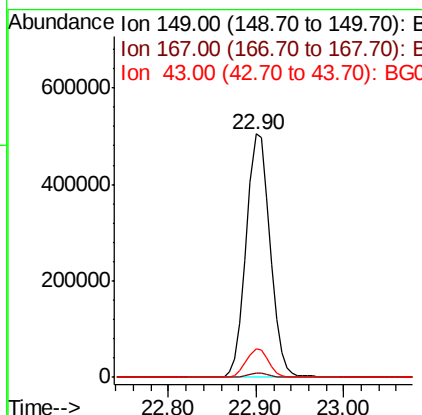
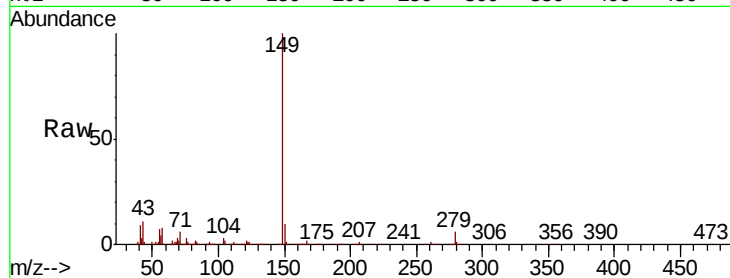




#85
Di-n-octyl phthalate
Concen: 39.797 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.07 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

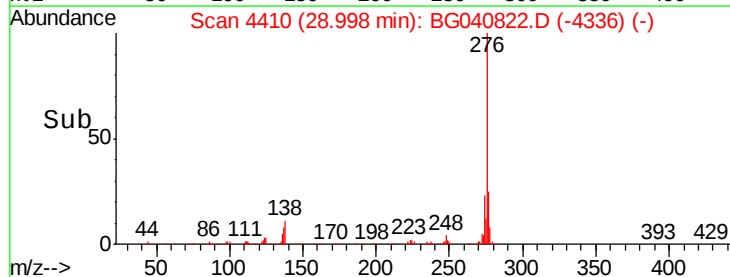
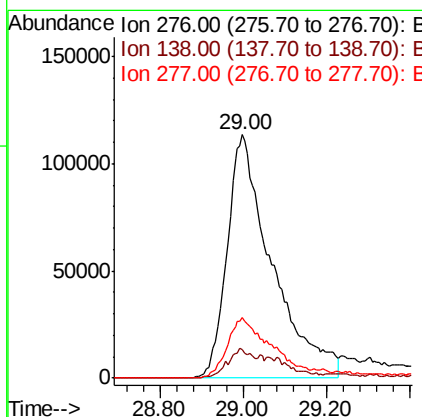
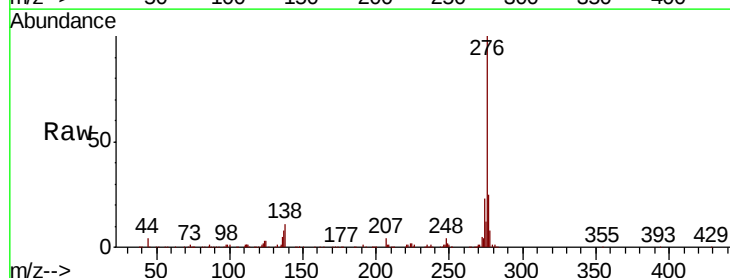
Instrument :
BNA_G
ClientSampleId :
PB119587BS

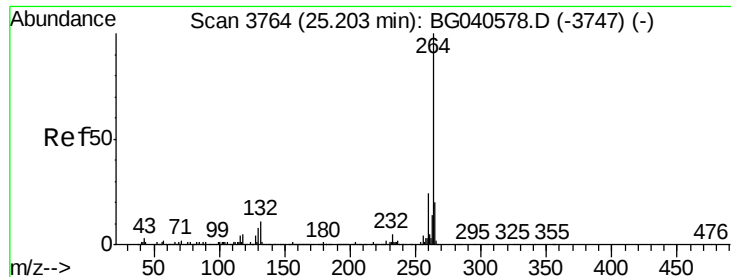
Tgt Ion:149 Resp: 930030
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 11.0 10.2 15.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 29.616 ng
RT: 29.00 min Scan# 4410
Delta R.T. -0.09 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion:276 Resp: 846928
Ion Ratio Lower Upper
276 100
138 6.9 9.8 14.6#
277 25.0 17.3 25.9





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

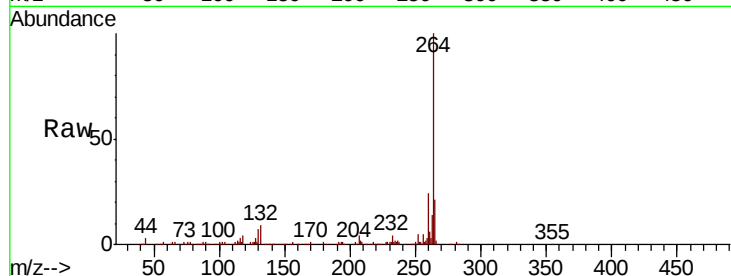
Tgt Ion:264 Resp: 372478

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

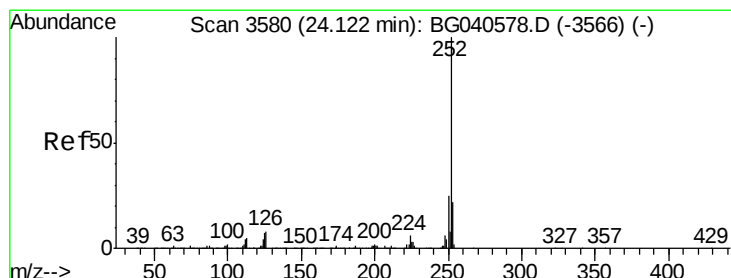
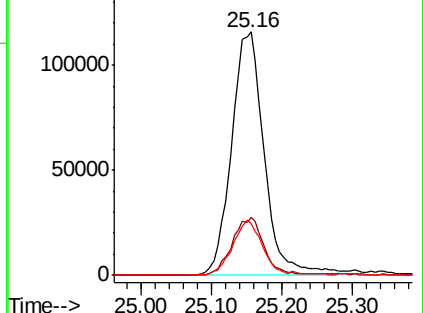
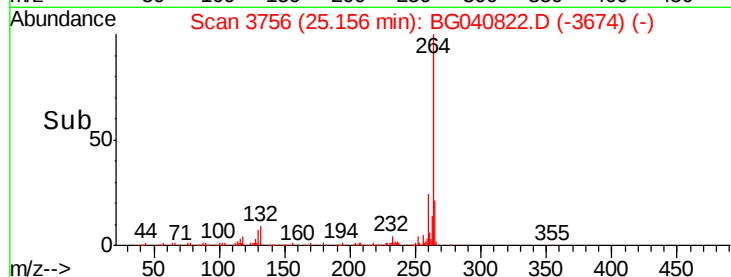
265 21.3 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.367 ng

RT: 24.07 min Scan# 3572

Delta R.T. -0.05 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

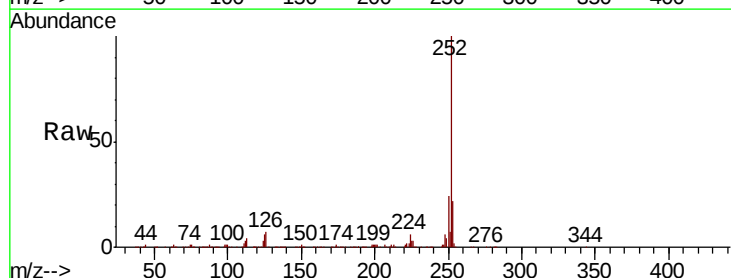
Tgt Ion:252 Resp: 964346

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

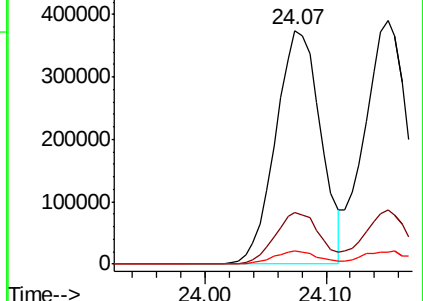
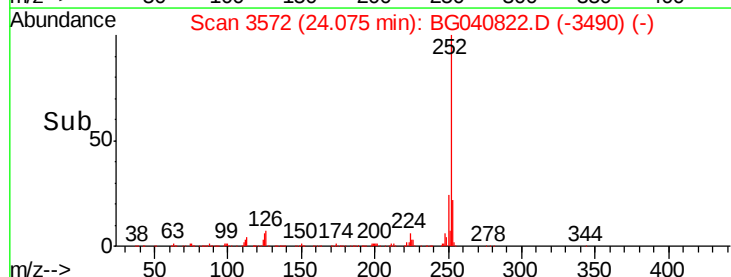
125 5.7 5.4 8.0

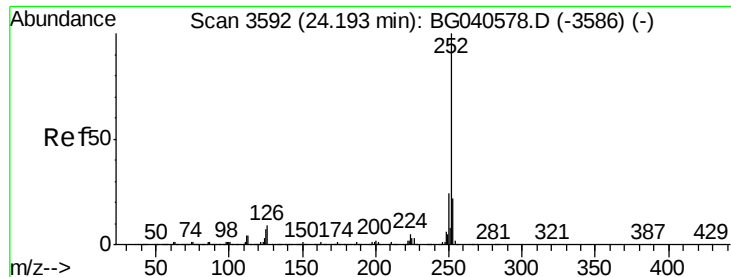


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

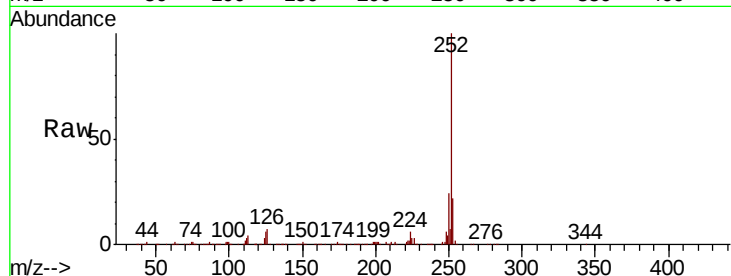




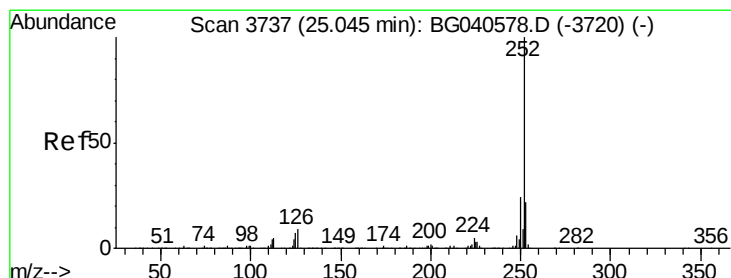
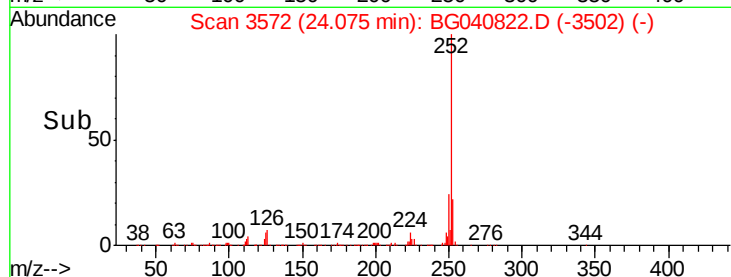
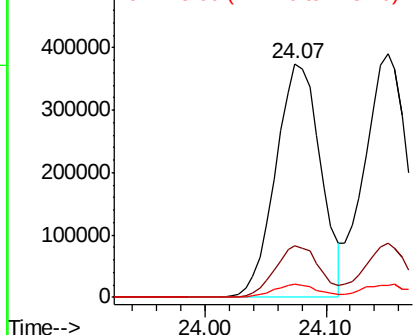
#89
Benzo(k)fluoranthene
Concen: 45.366 ng
RT: 24.07 min Scan# 3572
Delta R.T. -0.12 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tgt Ion:252 Resp: 964346
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 5.7 5.5 8.3

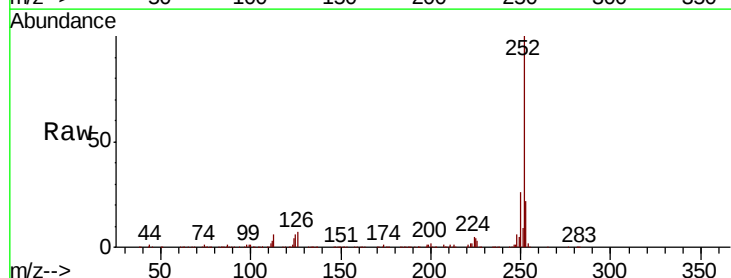


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

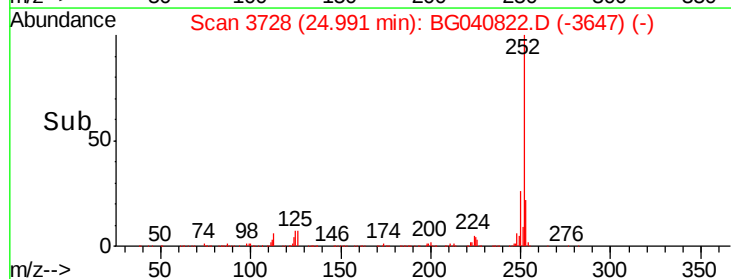
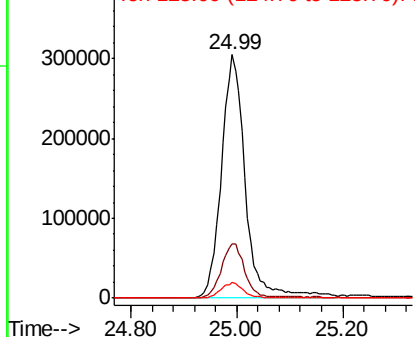


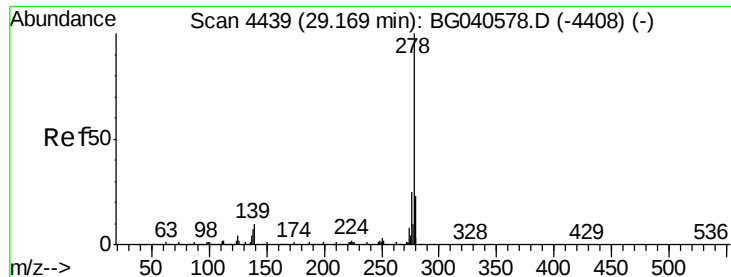
#90
Benzo(a)pyrene
Concen: 44.135 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion:252 Resp: 950919
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 6.5 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: 28.633 ng

RT: 29.07 min Scan# 4423

Delta R.T. -0.09 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

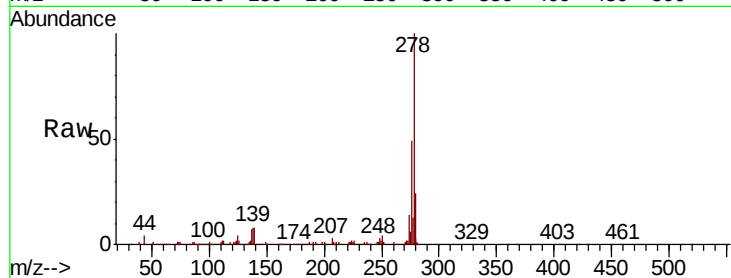
Tgt Ion:278 Resp: 624297

Ion Ratio Lower Upper

278 100

139 8.5 8.2 12.4

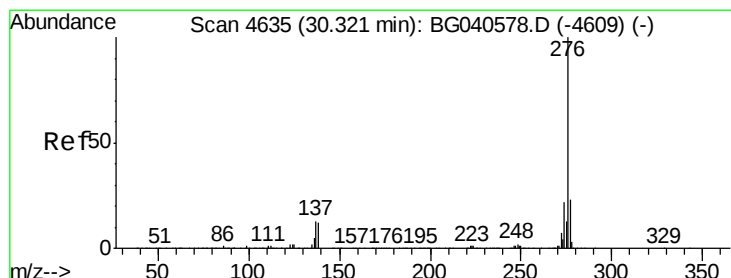
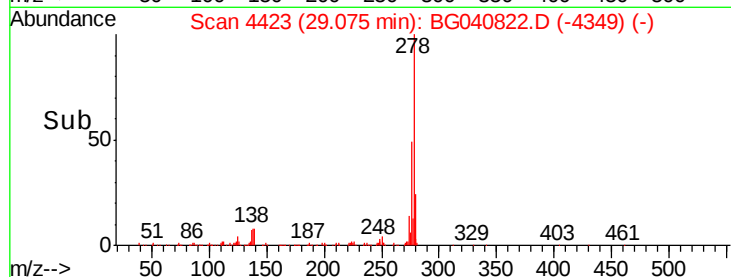
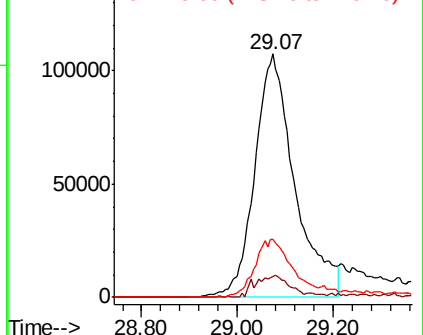
279 23.8 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 31.739 ng

RT: 30.22 min Scan# 4618

Delta R.T. -0.10 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

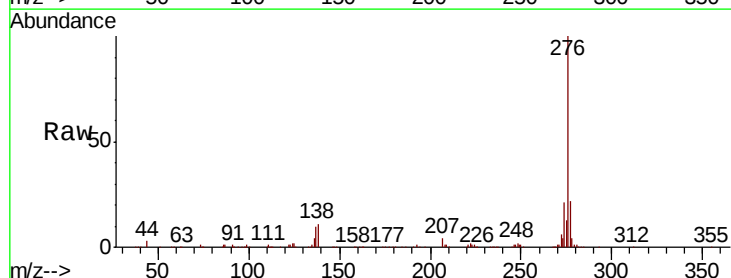
Tgt Ion:276 Resp: 688728

Ion Ratio Lower Upper

276 100

277 21.7 18.4 27.6

138 11.5 9.8 14.6



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

