

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041030.D
 Acq On : 3 Jun 2019 12:27
 Operator : HP/JU
 Sample : K3010-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MS

Quant Time: Jun 03 15:26:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	54652	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	216085	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	156850	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	389666	20.00	ng	0.00
76) Chrysene-d12	21.78	240	398682	20.00	ng	0.00
87) Perylene-d12	25.11	264	421927	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	439520	145.02	ng	0.00
7) Phenol-d6	7.26	99	636489	135.98	ng	0.00
23) Nitrobenzene-d5	9.30	82	443270	91.07	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	323658	139.00	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	959912	88.13	ng	0.00
79) Terphenyl-d14	20.09	244	1645446	87.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	50075	36.410	ng	91
3) Pyridine	3.93	79	87867	21.591	ng	98
4) n-Nitrosodimethylamine	3.84	42	83979	44.464	ng	95
6) Aniline	7.45	93	137577	22.020	ng	100
8) 2-Chlorophenol	7.68	128	161087	44.582	ng	96
9) Benzaldehyde	7.26	77	101931	36.505	ng	87
10) Phenol	7.29	94	232256	46.278	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	153107	42.053	ng	100
12) 1,3-Dichlorobenzene	8.00	146	176710	40.947	ng	99
13) 1,4-Dichlorobenzene	8.16	146	178643	40.895	ng	97
14) 1,2-Dichlorobenzene	8.47	146	170617	40.226	ng	98
15) Benzyl Alcohol	8.36	79	189601	43.789	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	242395	40.743	ng	97
17) 2-Methylphenol	8.55	107	155243	42.722	ng	98
18) Hexachloroethane	9.20	117	68738	40.827	ng	98
19) n-Nitroso-di-n-propylamine	8.92	70	148267	41.161	ng	97
20) 3+4-Methylphenols	8.88	107	213217	42.360	ng	97
22) Acetophenone	8.95	105	279926	46.181	ng	98
24) Nitrobenzene	9.34	77	229644	46.296	ng	98
25) Isophorone	9.86	82	417653	45.087	ng	99
26) 2-Nitrophenol	10.06	139	97306	47.584	ng	91
27) 2,4-Dimethylphenol	10.09	122	163933	48.539	ng	95
28) bis(2-Chloroethoxy)methane	10.34	93	219066	43.817	ng	97
29) 2,4-Dichlorophenol	10.58	162	198925	46.383	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	209256	42.890	ng	93
31) Naphthalene	11.00	128	522946	45.075	ng	99
32) Benzoic acid	10.20	122	52021	24.584	ng	96
33) 4-Chloroaniline	11.10	127	100221	18.618	ng	94
34) Hexachlorobutadiene	11.25	225	156525	41.929	ng	99
35) Caprolactam	11.89	113	41726	29.462	ng	89
36) 4-Chloro-3-methylphenol	12.21	107	217930	44.493	ng	96
37) 2-Methylnaphthalene	12.59	142	387917	43.413	ng	99
38) 1-Methylnaphthalene	12.80	142	370070	43.950	ng	# 100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	285071	45.093	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	298991	87.160	nq	94
43) 2,4,6-Trichlorophenol	13.19	196	190674	46.623	nq	97
44) 2,4,5-Trichlorophenol	13.26	196	202242	46.889	nq	99
46) 1,1'-Biphenyl	13.59	154	522387	44.993	nq	98
47) 2-Chloronaphthalene	13.63	162	431375	43.279	nq	99
48) 2-Nitroaniline	13.84	65	161089	45.050	nq	96
49) Acenaphthylene	14.48	152	672599	44.836	nq	99
50) Dimethylphthalate	14.20	163	696045	52.423	nq	99
51) 2,6-Dinitrotoluene	14.33	165	129002	45.063	nq	97
52) Acenaphthene	14.81	154	391482	43.078	nq	95
53) 3-Nitroaniline	14.66	138	86282	30.141	nq	95
54) 2,4-Dinitrophenol	14.86	184	93044	67.272	nq	96
55) Dibenzofuran	15.15	168	674537	44.112	nq	99
56) 4-Nitrophenol	14.96	139	196429	100.040	nq	92
57) 2,4-Dinitrotoluene	15.11	165	184879	45.719	nq	99
58) Fluorene	15.80	166	532373	43.716	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	200976	47.414	nq	100
60) Diethylphthalate	15.55	149	582662	43.001	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	342547	43.276	nq	97
62) 4-Nitroaniline	15.82	138	129933	42.874	nq	93
63) Azobenzene	16.07	77	536290	43.546	nq	97
65) 4,6-Dinitro-2-methylphenol	15.87	198	94542	45.765	nq	98
66) n-Nitrosodiphenylamine	16.00	169	487666	44.520	nq	100
67) 4-Bromophenyl-phenylether	16.68	248	221254	42.074	nq	99
68) Hexachlorobenzene	16.79	284	230557	41.173	nq	99
69) Atrazine	16.94	200	211631	50.071	nq	98
70) Pentachlorophenol	17.14	266	272050	90.122	nq	97
71) Phenanthrene	17.54	178	903502	44.514	nq	98
72) Anthracene	17.63	178	920459	45.981	nq	99
73) Carbazole	17.90	167	825273	48.046	nq	99
74) Di-n-butylphthalate	18.43	149	932549	43.682	nq	99
75) Fluoranthene	19.54	202	1154815	46.063	nq	99
77) Benzidine	19.72	184	140539	14.777	nq	96
78) Pyrene	19.90	202	1164905	44.948	nq	99
80) Butylbenzylphthalate	20.77	149	447584	44.378	nq	99
81) Benzo(a)anthracene	21.75	228	1139517	42.938	nq	100
82) 3,3'-Dichlorobenzidine	21.66	252	252574	27.059	nq	95
83) Chrysene	21.82	228	1108107	43.632	nq	97
84) Bis(2-ethylhexyl)phthalate	21.62	149	618724	43.579	nq	100
85) Di-n-octyl phthalate	22.87	149	1048586	44.345	nq	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1361172	43.753	nq	# 98
88) Benzo(b)fluoranthene	24.04	252	1158698	45.277	nq	99
89) Benzo(k)fluoranthene	24.12	252	1106382	43.688	nq	98
90) Benzo(a)pyrene	24.96	252	1144806	46.888	nq	96
91) Dibenzo(a,h)anthracene	29.02	278	1110067	45.501	nq	99
92) Benzo(g,h,i)perylene	30.16	276	1098508	46.347	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

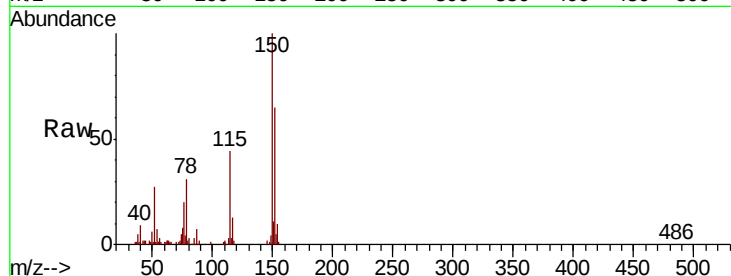
Tot Ion:152 Resp: 54652

Ion Ratio Lower Upper

152 100

150 153.0 120.6 180.8

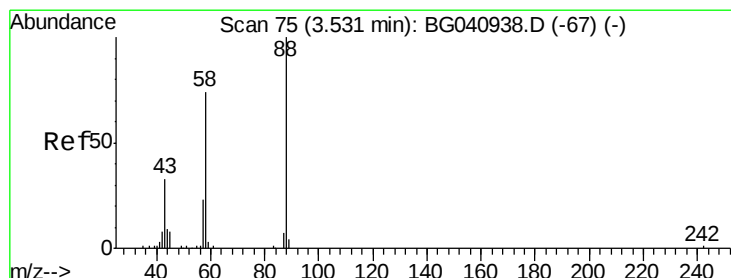
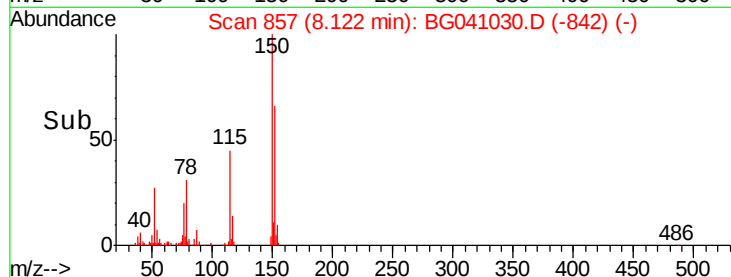
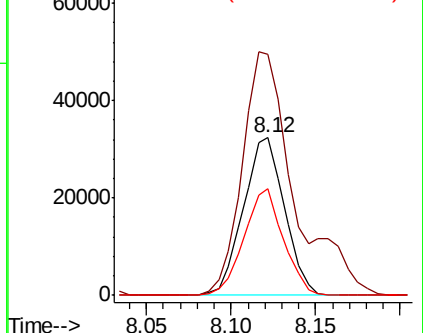
115 67.5 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.410 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

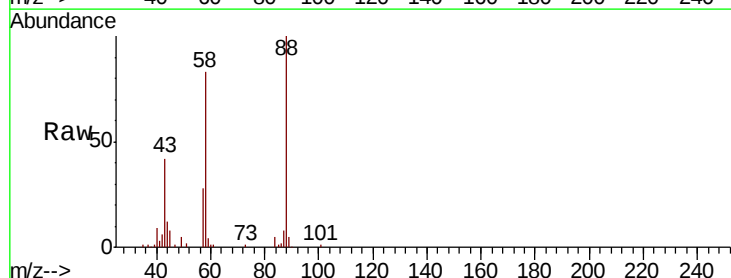
Tgt Ion: 88 Resp: 50075

Ion Ratio Lower Upper

88 100

58 80.1 59.0 88.6

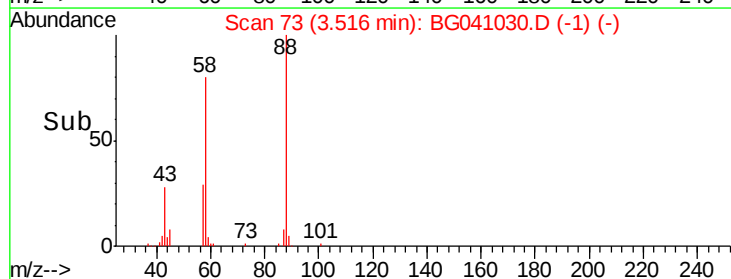
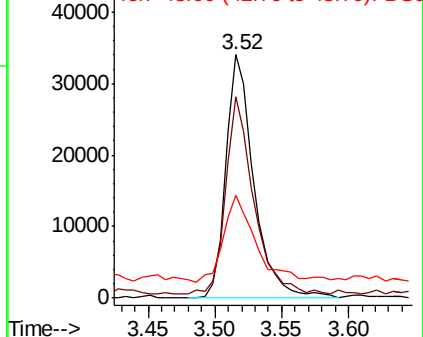
43 40.4 27.2 40.8

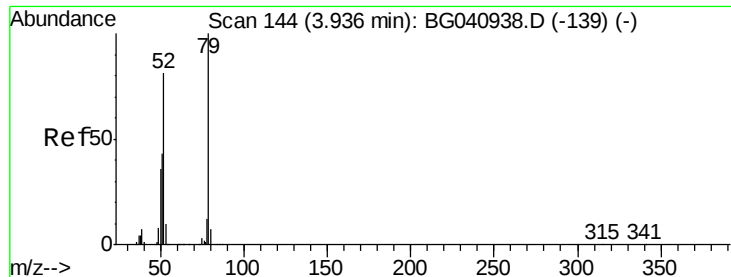


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 21.591 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

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ClientSampleId :

FESB-23(3-3.5)MS

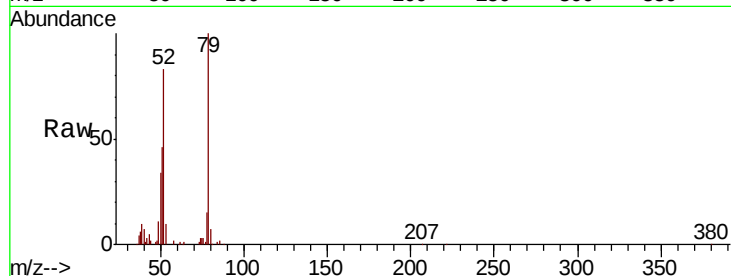
Tot Ion: 79 Resp: 87867

Ion Ratio Lower Upper

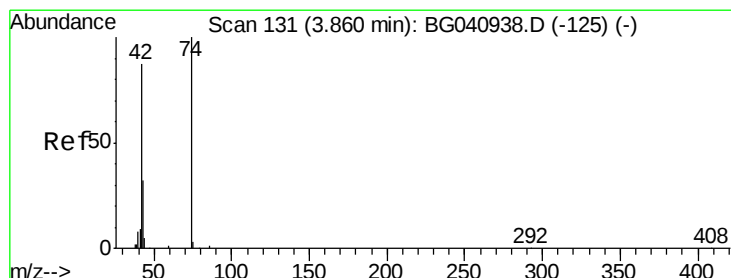
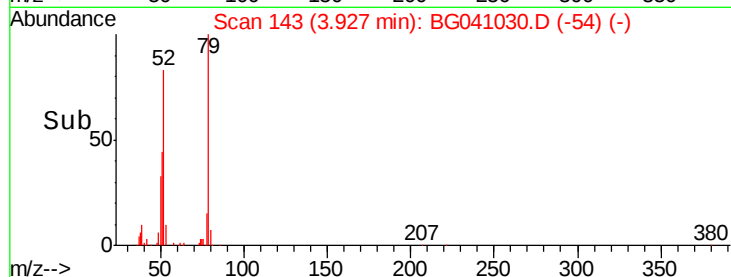
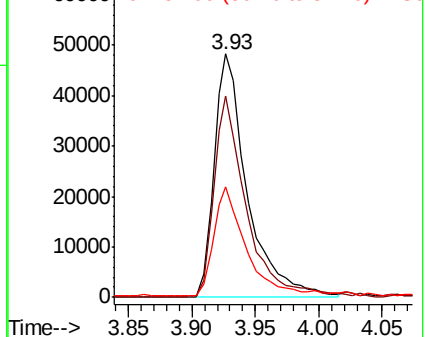
79 100

52 82.6 64.8 97.2

51 45.6 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 44.464 ng

RT: 3.84 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

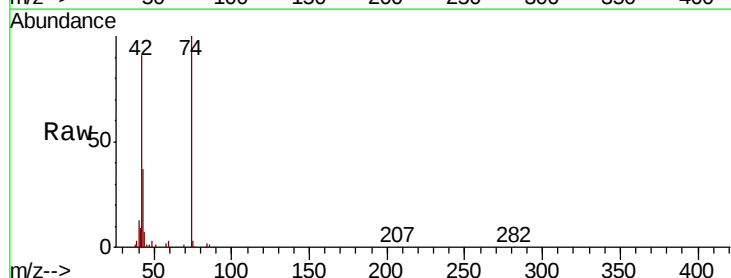
Tgt Ion: 42 Resp: 83979

Ion Ratio Lower Upper

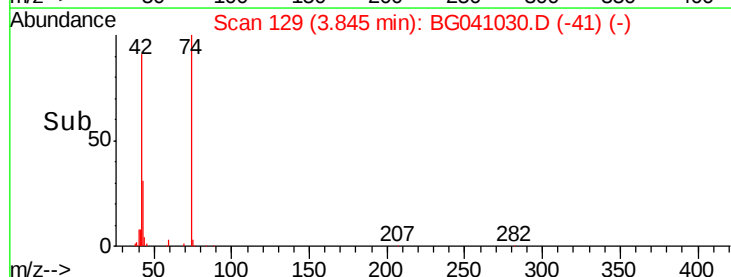
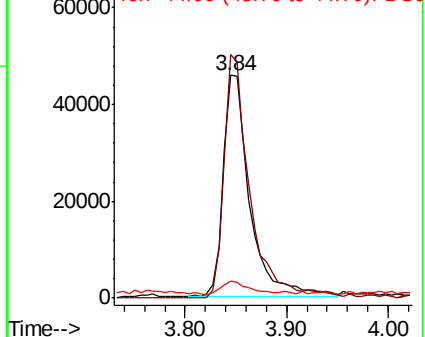
42 100

74 109.3 91.8 137.6

44 7.4 6.0 9.0



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: 145.017 ng

RT: 5.65 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

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ClientSampleId :

FESB-23(3-3.5)MS

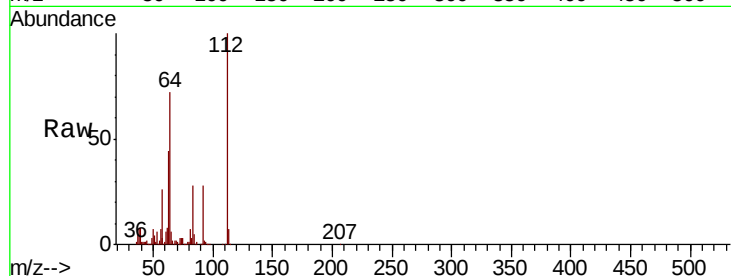
Tot Ion:112 Resp: 439520

Ion Ratio Lower Upper

112 100

64 71.5 56.2 84.2

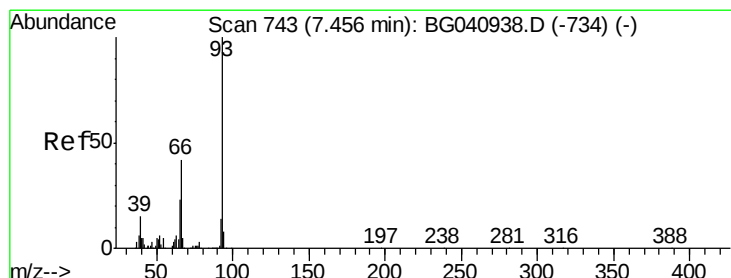
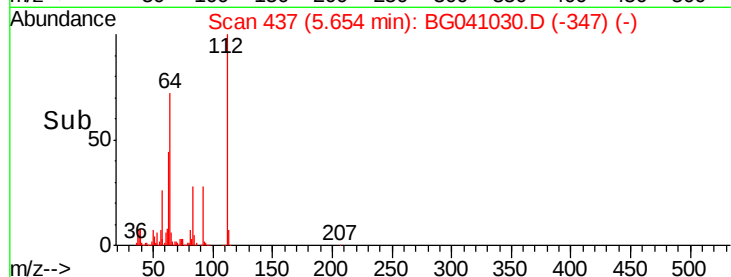
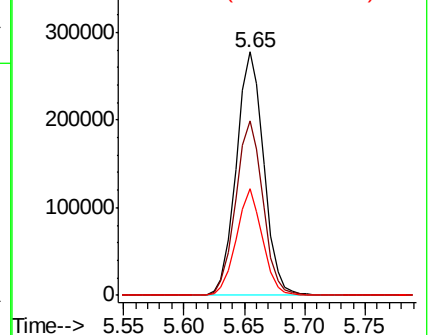
63 43.7 32.8 49.2



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: 22.020 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

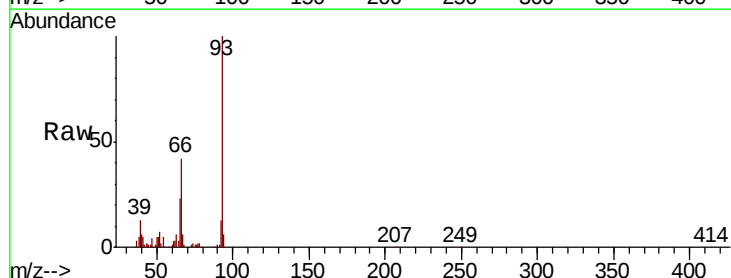
Tgt Ion: 93 Resp: 137577

Ion Ratio Lower Upper

93 100

66 42.2 33.8 50.8

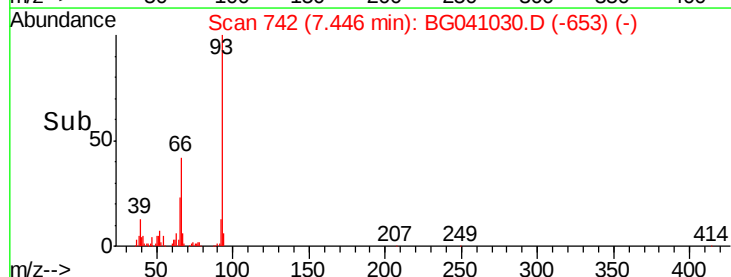
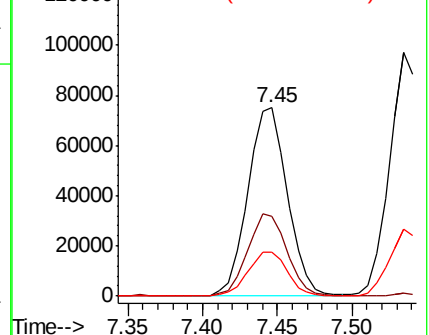
65 23.3 18.3 27.5



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: 135.979 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

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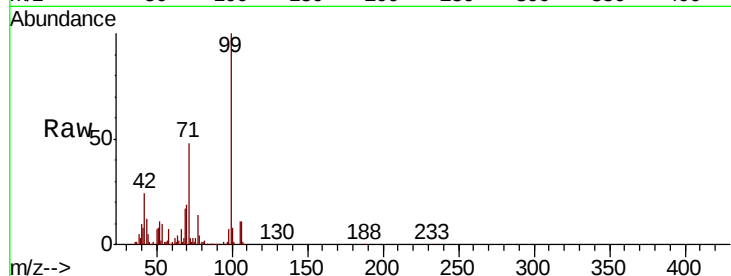
Tot Ion: 99 Resp: 636489

Ion Ratio Lower Upper

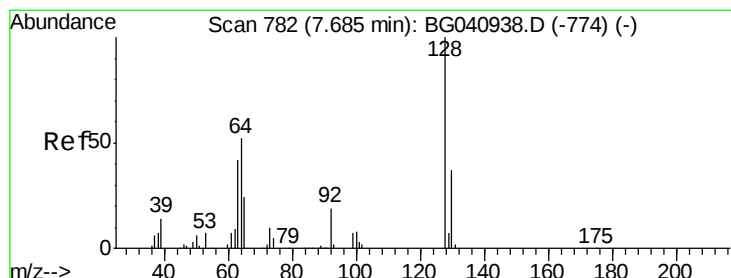
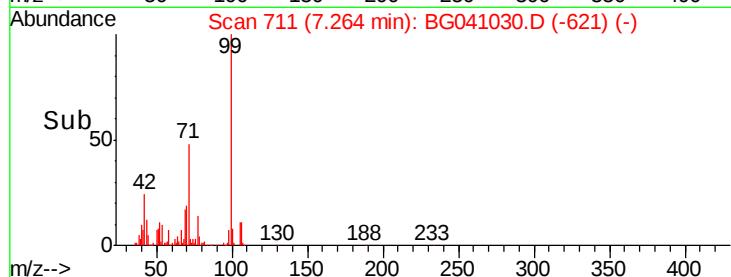
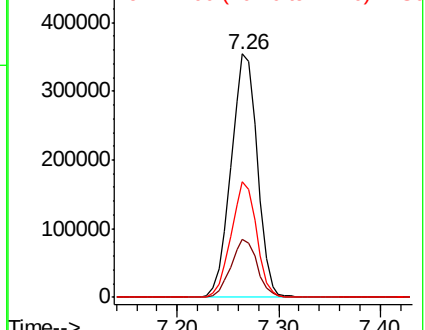
99 100

42 23.7 17.9 26.9

71 47.5 35.4 53.0



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



#8

2-Chlorophenol

Concen: 44.582 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

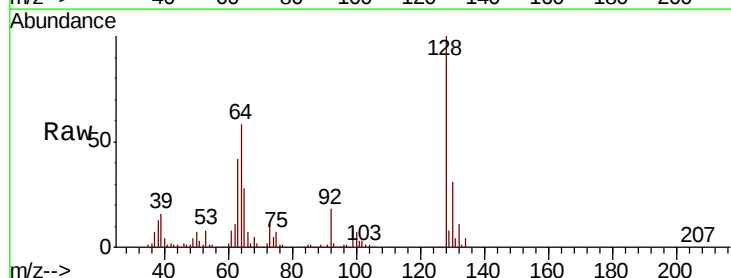
Tgt Ion:128 Resp: 161087

Ion Ratio Lower Upper

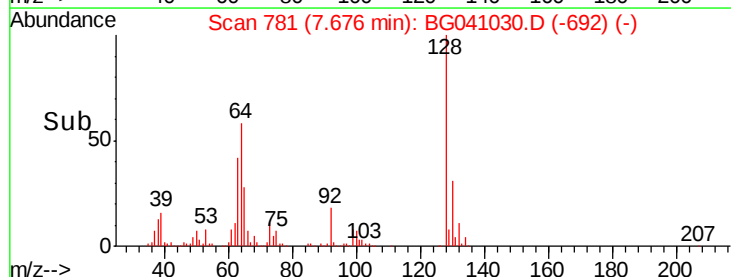
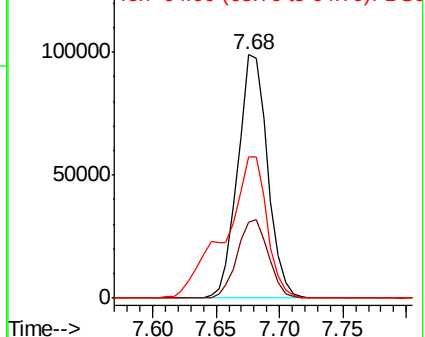
128 100

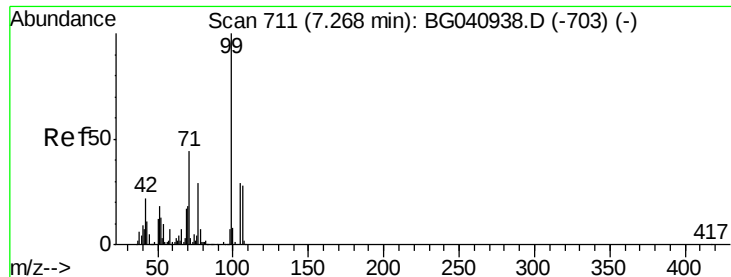
130 31.4 16.6 56.6

64 58.1 37.8 77.8



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





#9

Benzaldehyde

Concen: 36.505 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

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ClientSampleId :

FESB-23(3-3.5)MS

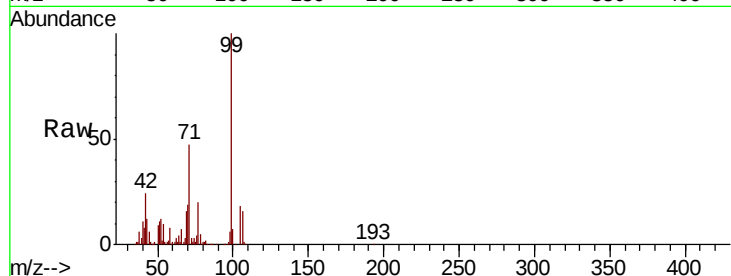
Tot Ion: 77 Resp: 101931

Ion Ratio Lower Upper

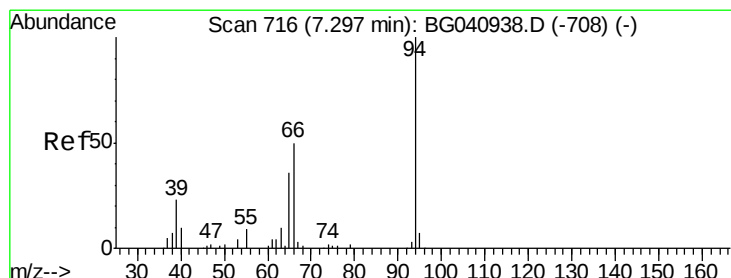
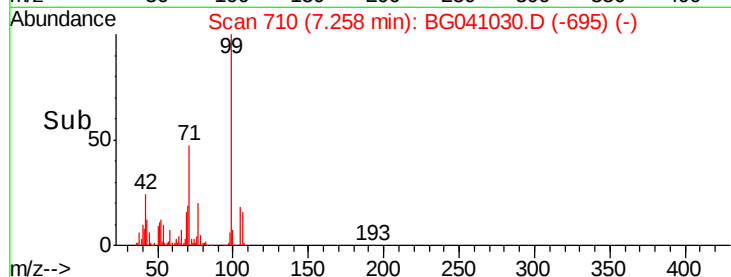
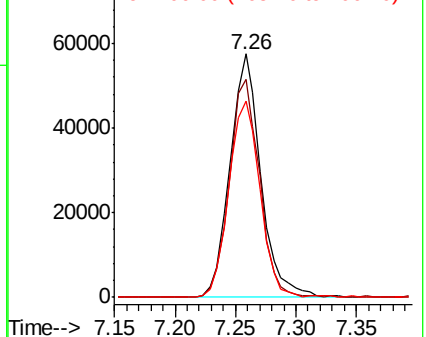
77 100

105 89.6 78.9 118.9

106 80.8 76.7 116.7



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



#10

Phenol

Concen: 46.278 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

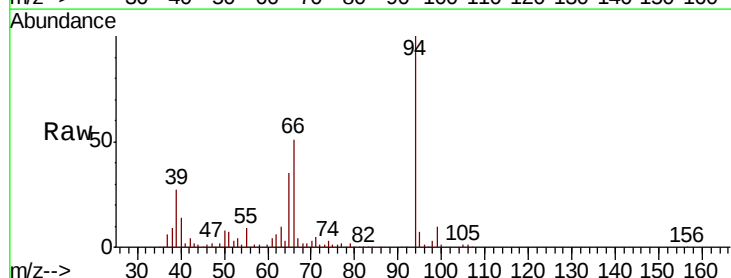
Tgt Ion: 94 Resp: 232256

Ion Ratio Lower Upper

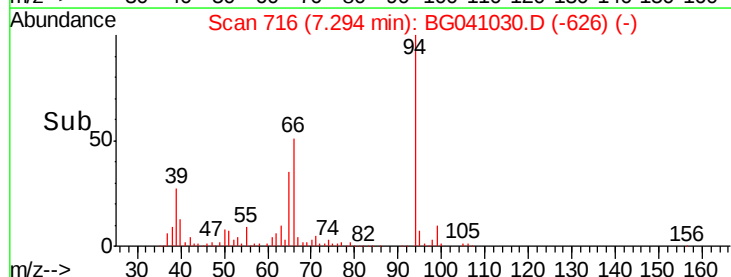
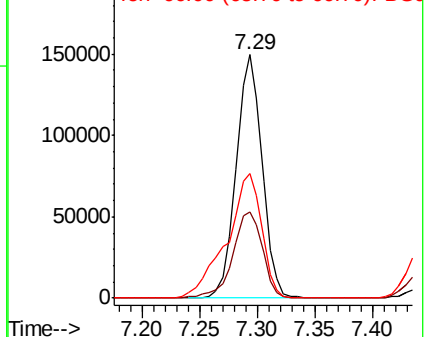
94 100

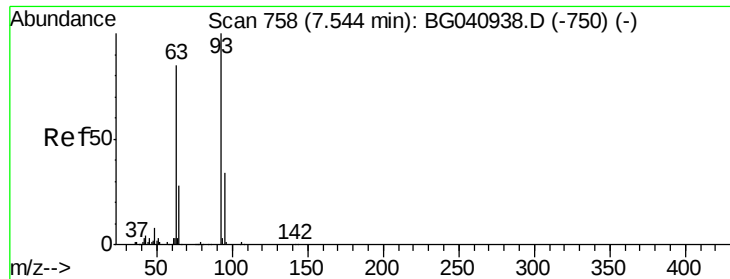
65 35.2 17.0 57.0

66 51.1 32.4 72.4



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





#11

bis(2-Chloroethyl)ether

Concen: 42.053 ng

RT: 7.53 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

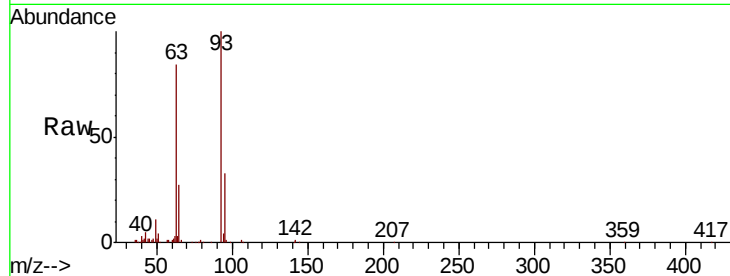
Tot Ion: 93 Resp: 153107

Ion Ratio Lower Upper

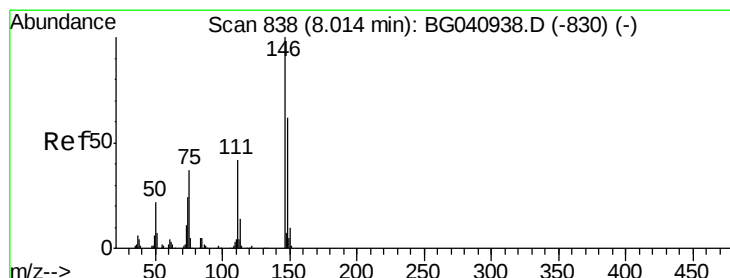
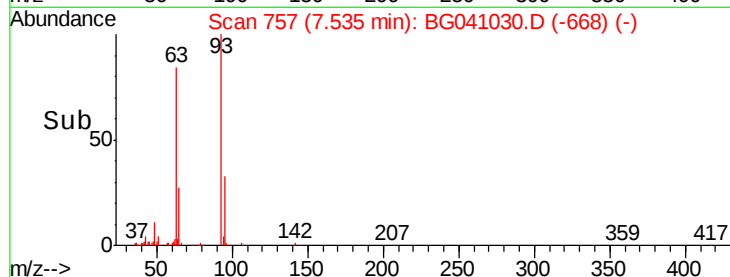
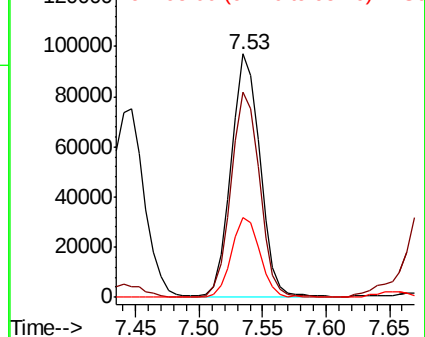
93 100

63 84.1 64.5 104.5

95 33.0 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.947 ng

RT: 8.00 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

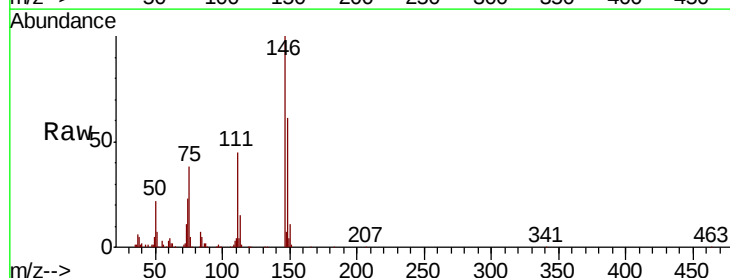
Tgt Ion: 146 Resp: 176710

Ion Ratio Lower Upper

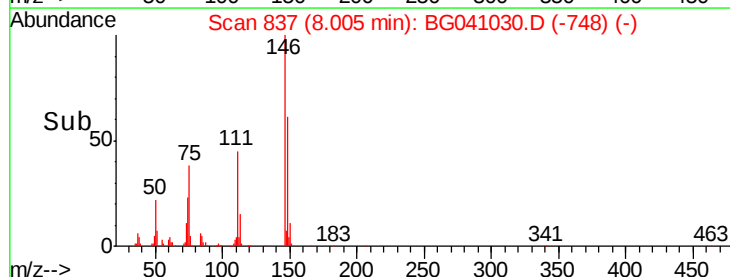
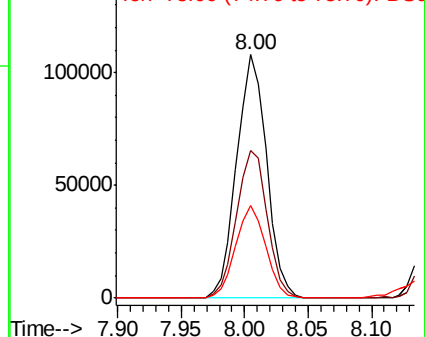
146 100

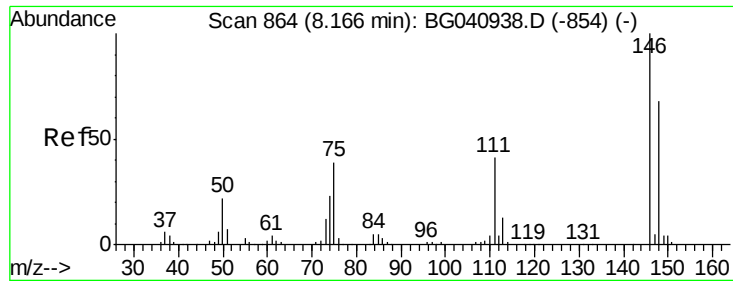
148 60.7 49.2 73.8

75 37.9 29.4 44.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

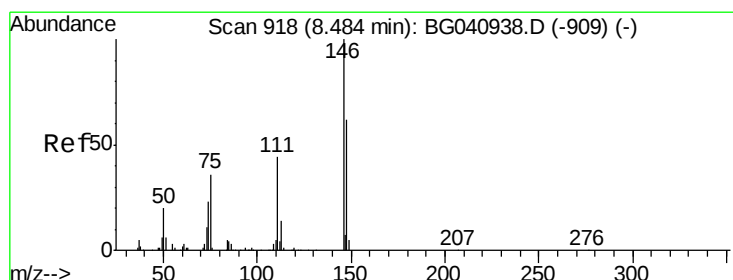
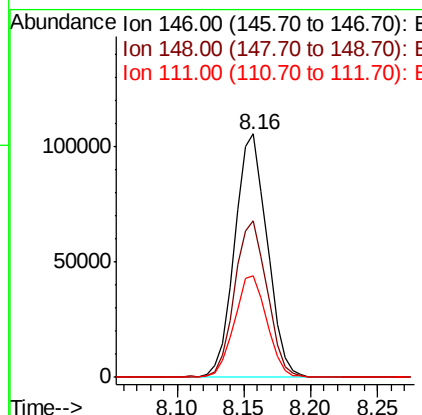
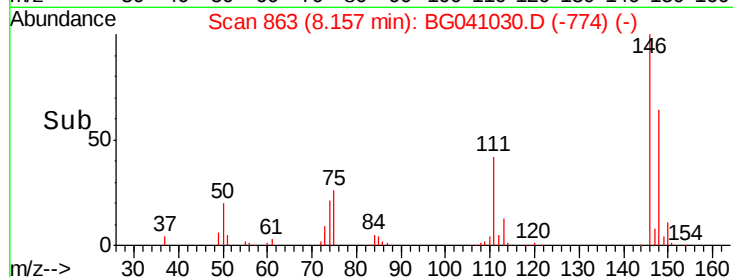
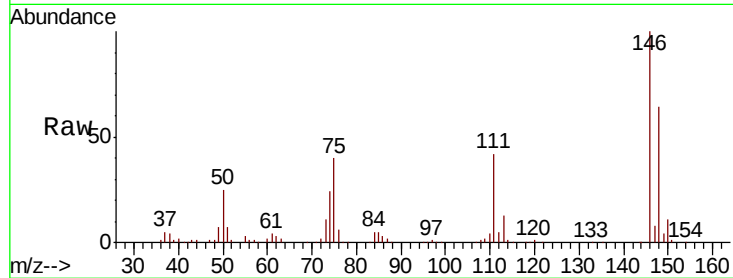




#13
1,4-Dichlorobenzene
Concen: 40.895 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

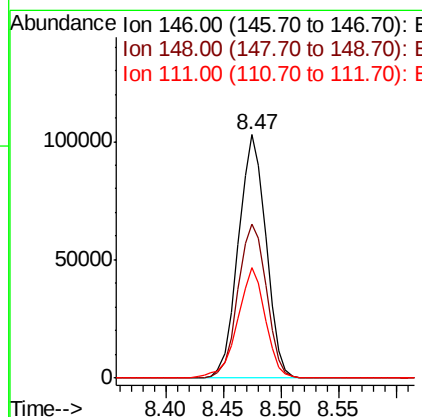
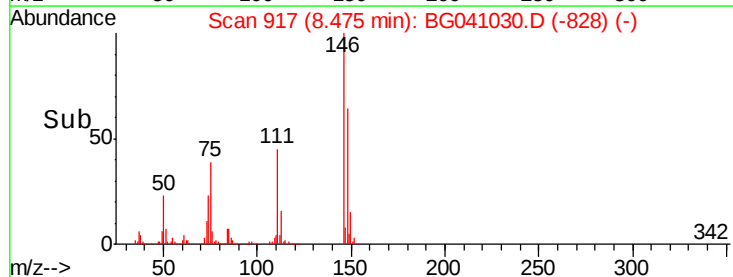
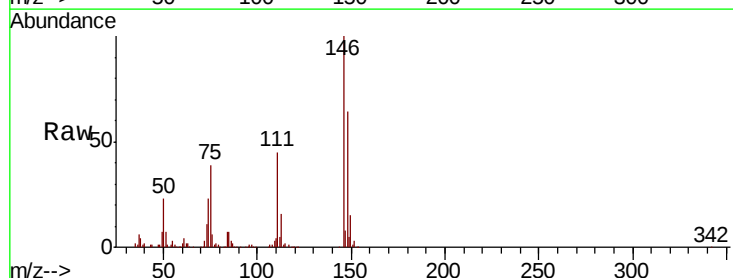
Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

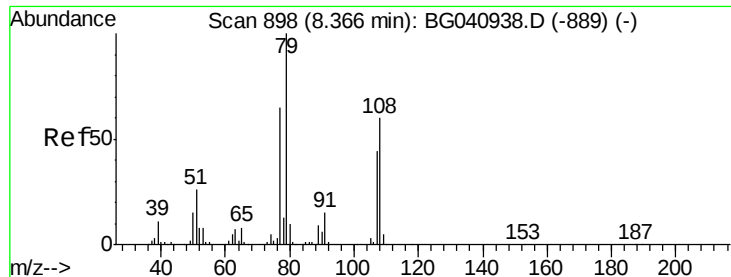
Tot Ion:146 Resp: 178643
Ion Ratio Lower Upper
146 100
148 64.1 54.2 81.4
111 41.9 32.9 49.3



#14
1,2-Dichlorobenzene
Concen: 40.226 ng
RT: 8.47 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion:146 Resp: 170617
Ion Ratio Lower Upper
146 100
148 63.5 49.8 74.6
111 45.4 35.0 52.4





#15

Benzyl Alcohol

Concen: 43.789 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

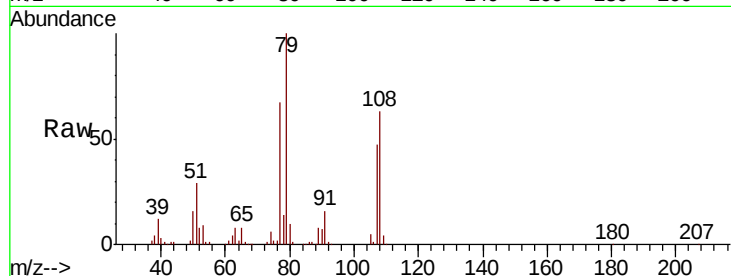
Tot Ion: 79 Resp: 189601

Ion Ratio Lower Upper

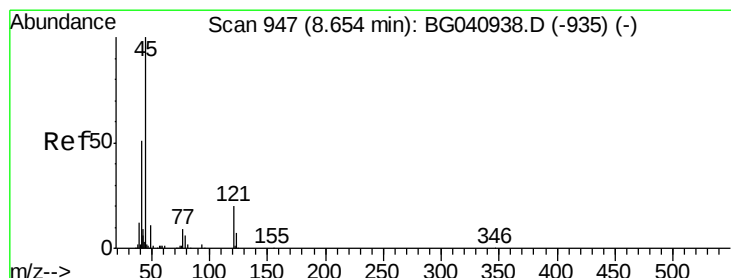
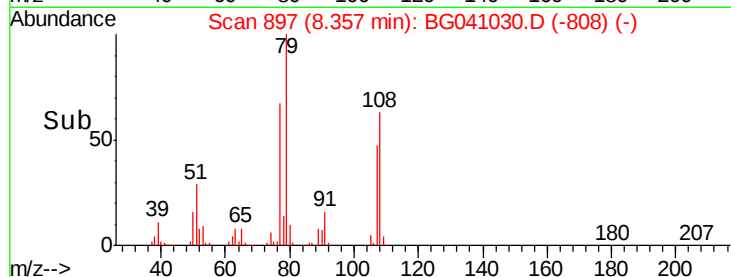
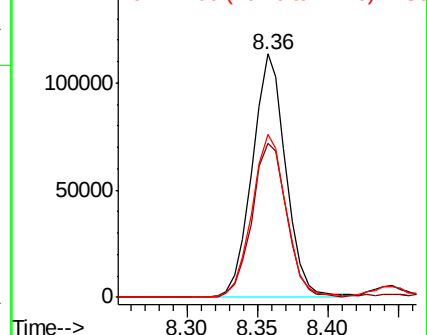
79 100

108 63.2 48.3 72.5

77 66.7 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.743 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

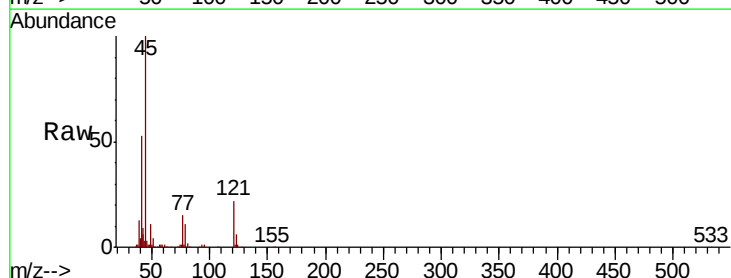
Tgt Ion: 45 Resp: 242395

Ion Ratio Lower Upper

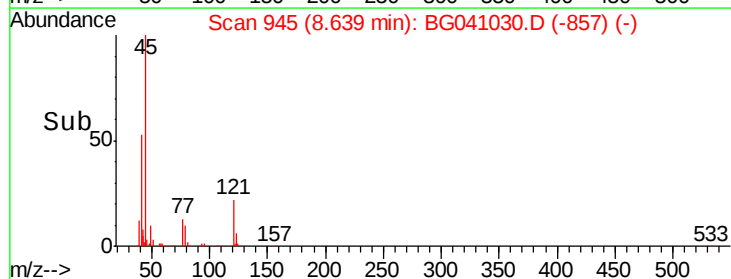
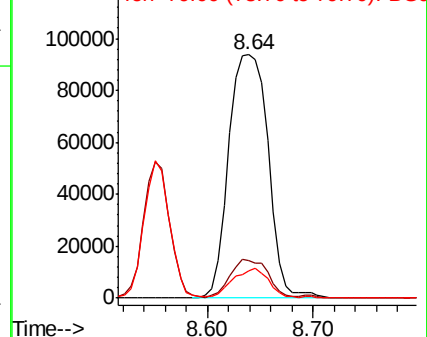
45 100

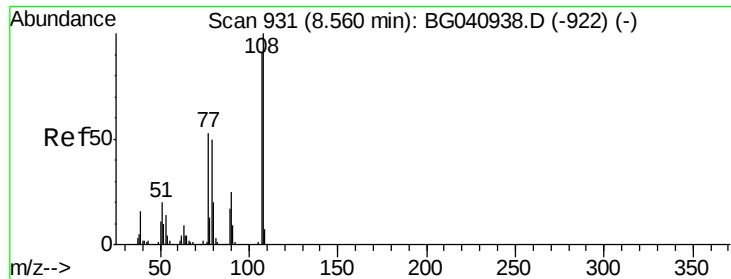
77 15.2 0.0 33.7

79 11.2 0.0 30.2



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

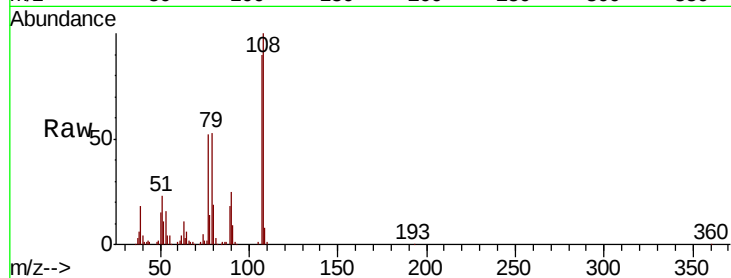




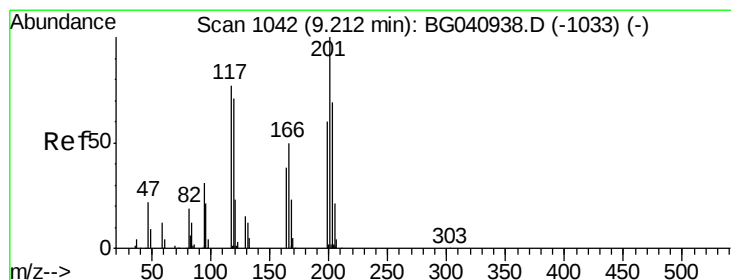
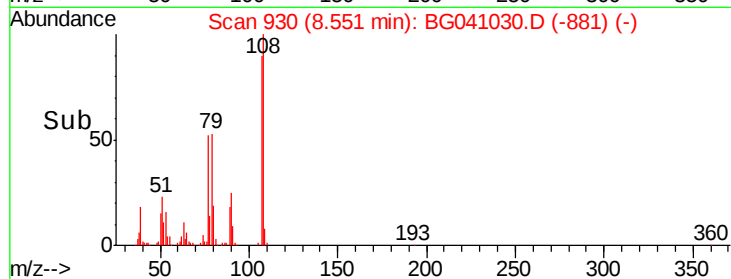
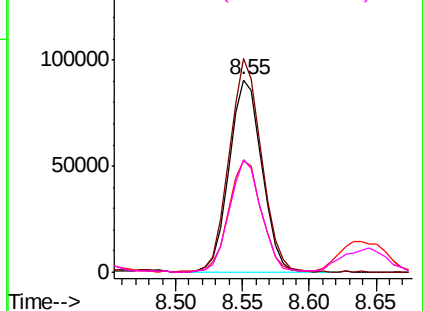
#17
2-Methylphenol
Concen: 42.722 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

Tot Ion:107 Resp: 155243
Ion Ratio Lower Upper
107 100
108 111.2 87.7 131.5
77 58.2 46.6 70.0
79 58.4 44.6 66.8

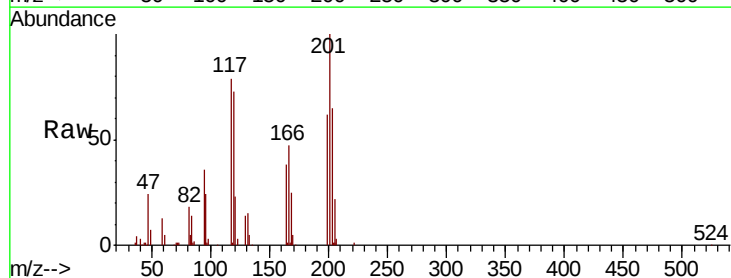


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

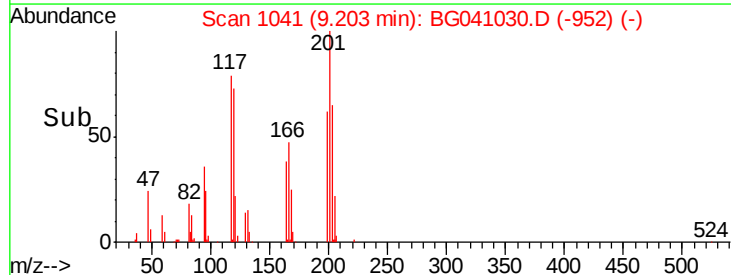
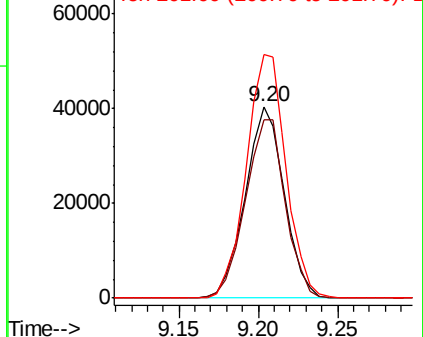


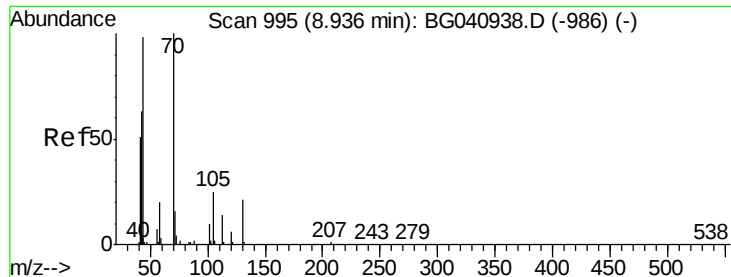
#18
Hexachloroethane
Concen: 40.827 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion:117 Resp: 68738
Ion Ratio Lower Upper
117 100
119 92.8 75.0 112.6
201 127.0 103.5 155.3



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

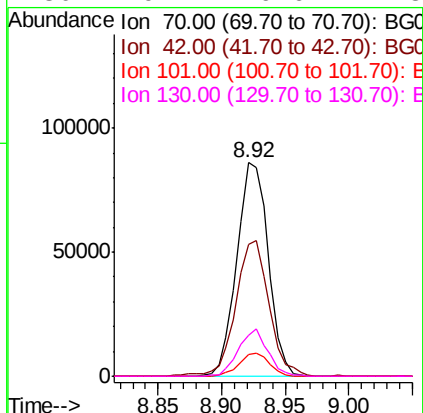
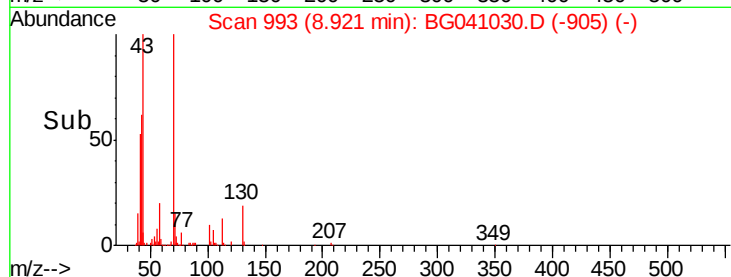
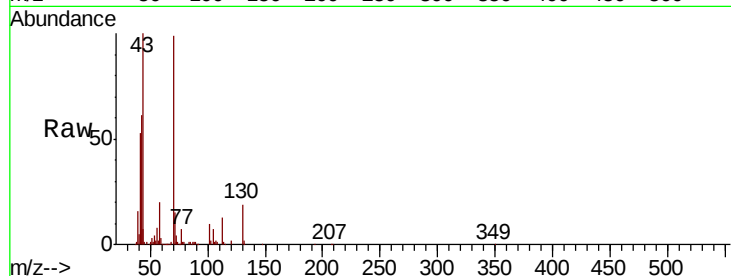




#19
n-Nitroso-di-n-propylamine
Concen: 41.161 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.02 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

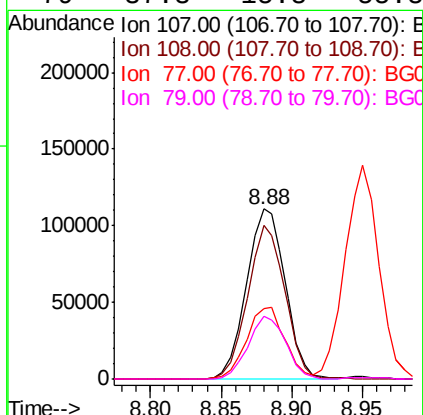
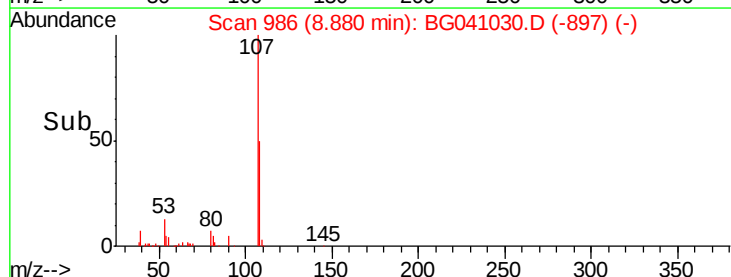
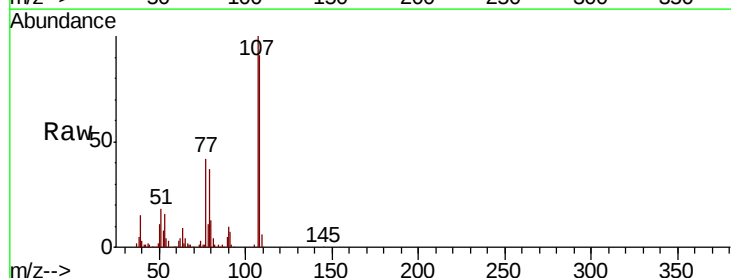
Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

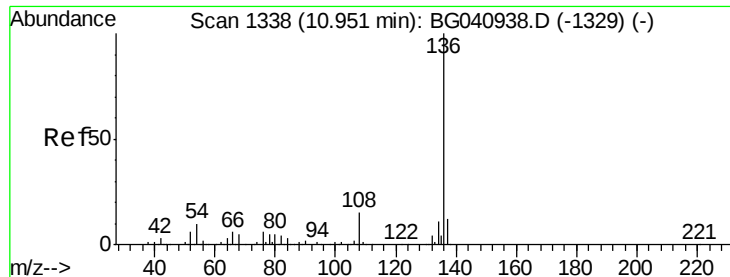
Tot Ion:	70	Resp:	148267
Ion	Ratio	Lower	Upper
70	100		
42	62.0	51.5	77.3
101	9.9	8.1	12.1
130	19.4	16.6	24.8



#20
3+4-Methylphenols
Concen: 42.360 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion:	107	Resp:	213217
Ion	Ratio	Lower	Upper
107	100		
108	90.6	66.8	106.8
77	41.7	20.5	60.5
79	37.3	15.8	55.8

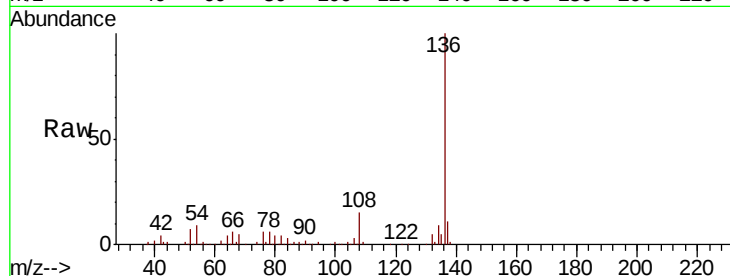




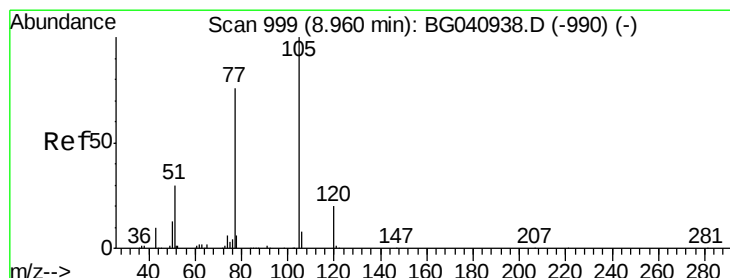
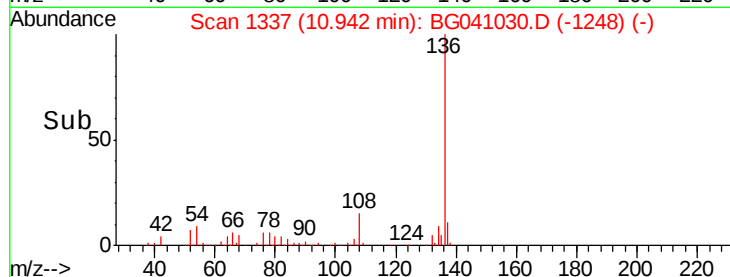
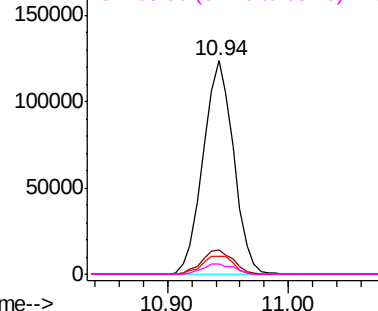
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

Tot Ion:136	Resp:	216085
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.5 14.3
54	8.6	7.6 11.4
68	5.0	3.9 5.9

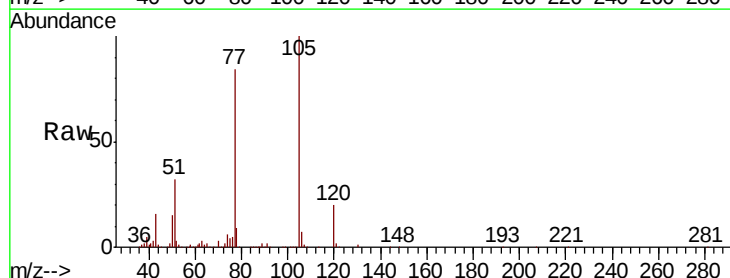


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

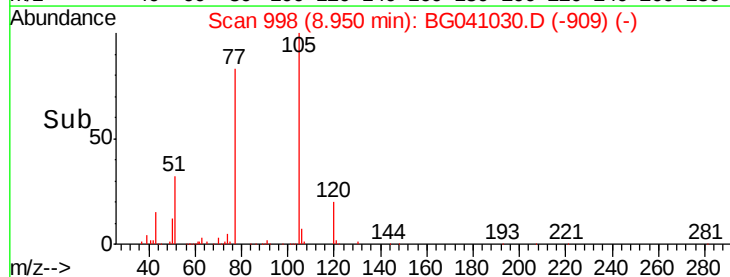
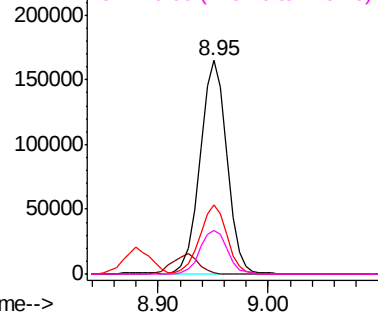


#22
Acetophenone
Concen: 46.181 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion:105	Resp:	279926
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.4 0.6
51	32.4	27.0 40.6
120	20.4	16.2 24.4



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

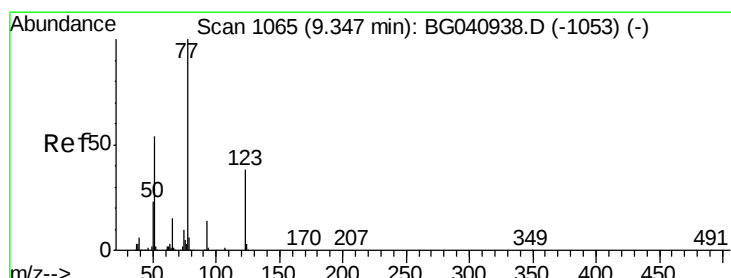
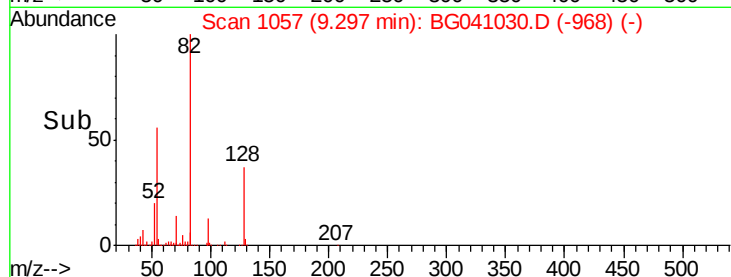
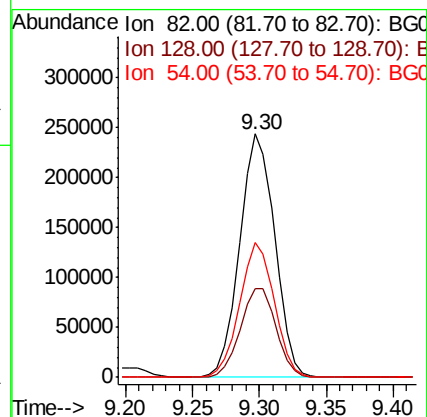
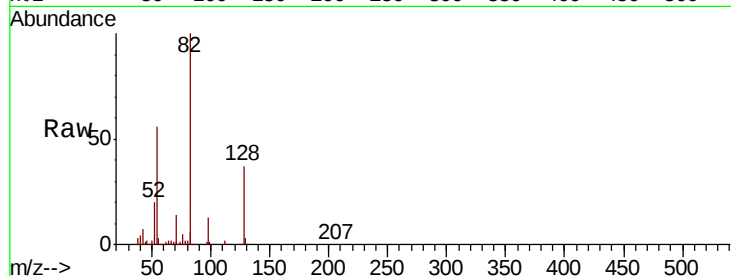




#23
 Nitrobenzene-d5
 Concen: 91.068 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

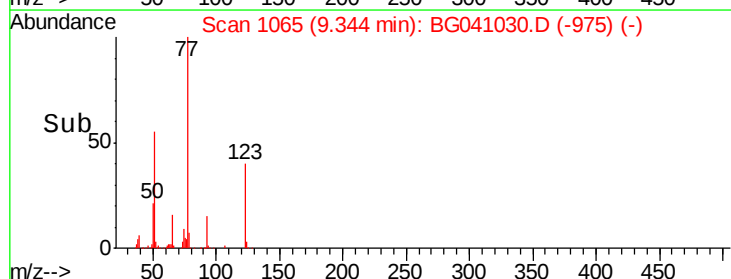
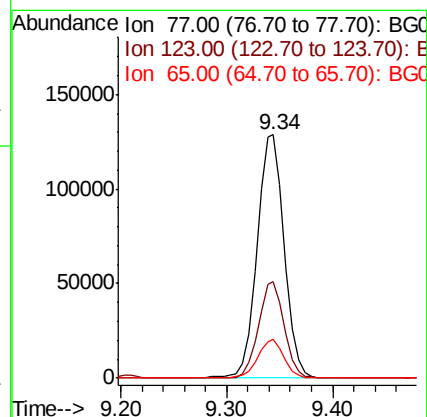
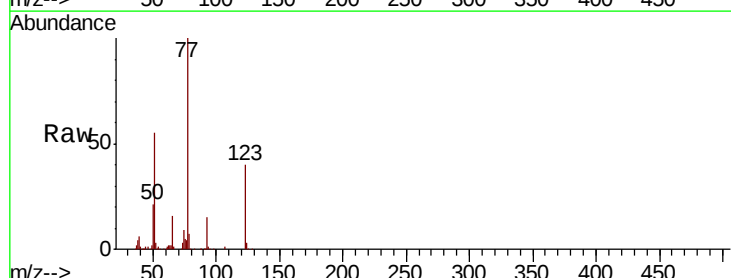
Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MS

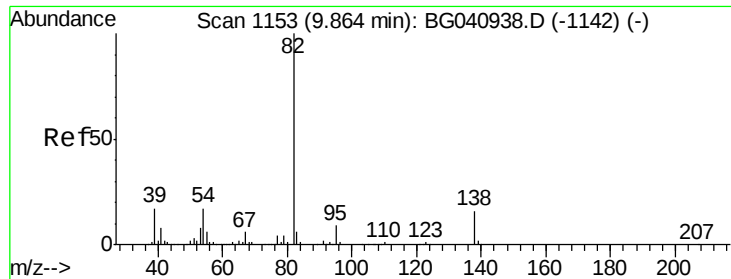
Tot Ion	82	Resp	443270
Ion Ratio	100	Lower	Upper
128	36.6	30.5	45.7
54	55.6	44.6	66.8



#24
 Nitrobenzene
 Concen: 46.296 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

Tgt Ion	77	Resp	229644
Ion Ratio	100	Lower	Upper
123	39.6	30.6	46.0
65	16.2	12.3	18.5





#25

Isophorone

Concen: 45.087 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

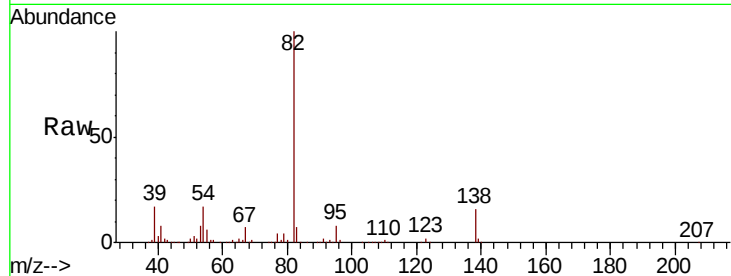
Tot Ion: 82 Resp: 417653

Ion Ratio Lower Upper

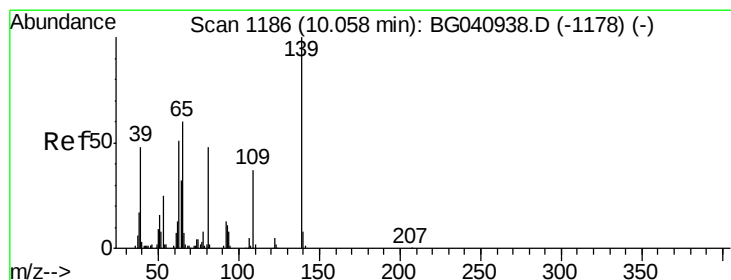
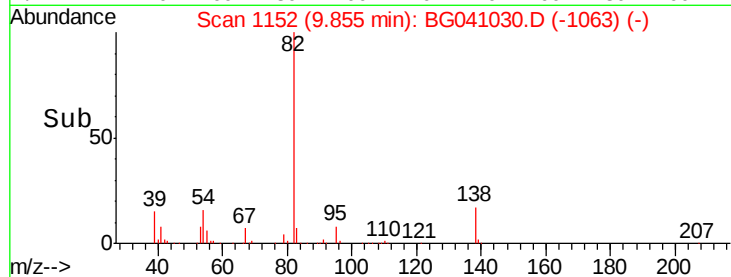
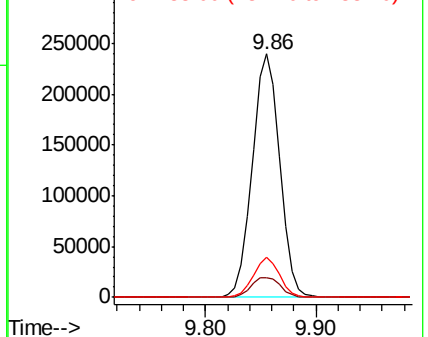
82 100

95 8.3 7.0 10.4

138 16.4 12.6 19.0



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: 47.584 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

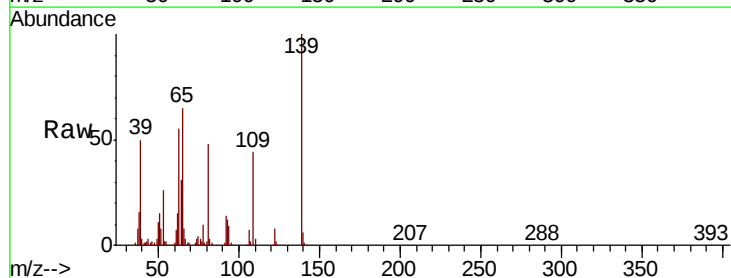
Tgt Ion: 139 Resp: 97306

Ion Ratio Lower Upper

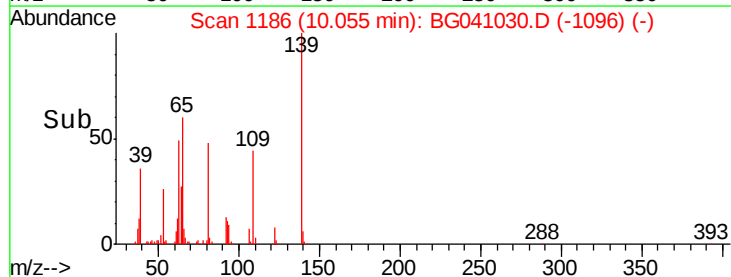
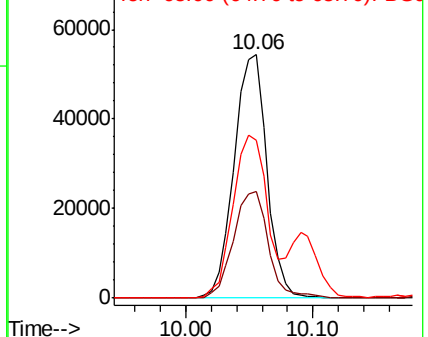
139 100

109 44.0 29.8 44.6

65 65.1 47.8 71.6



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

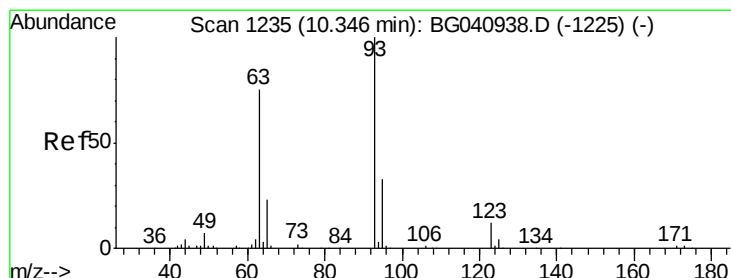
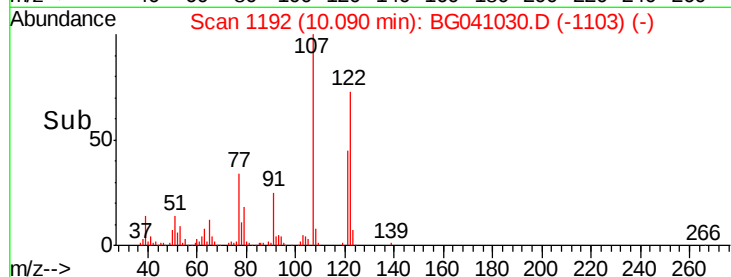
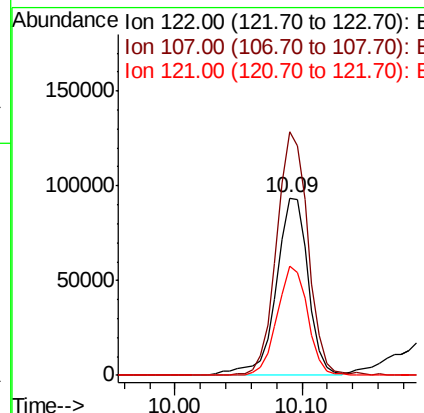
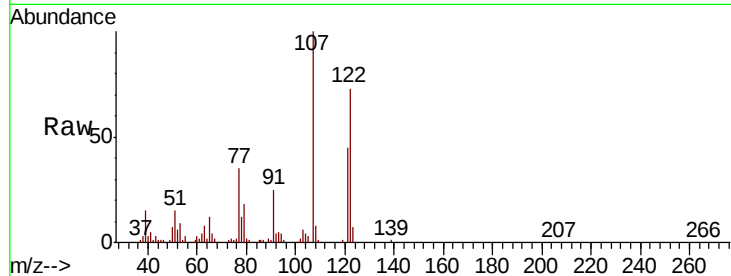




#27
 2,4-Dimethylphenol
 Concen: 48.539 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

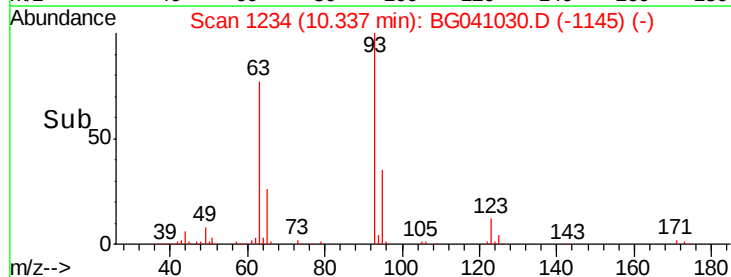
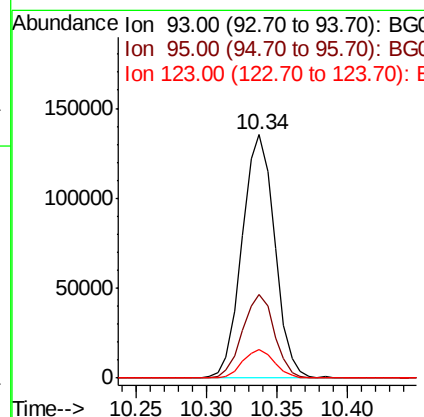
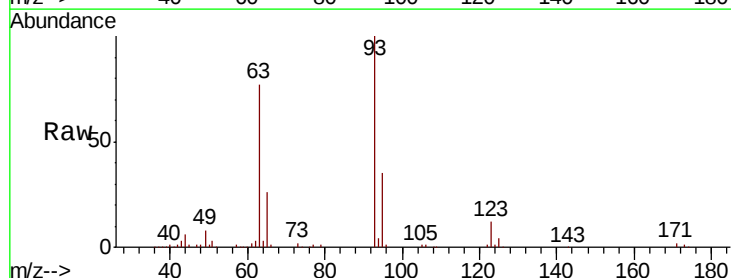
Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MS

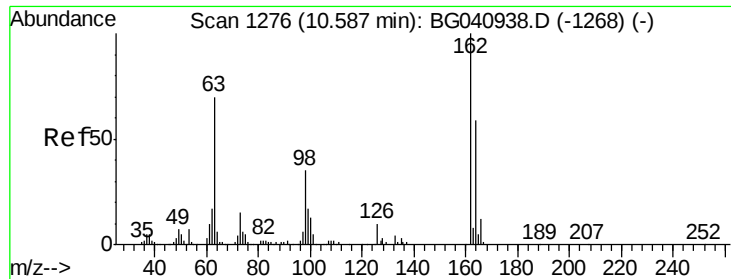
Tot Ion	Ratio	Lower	Upper
122	100		
107	137.5	105.9	158.9
121	61.6	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.817 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.5	26.2	39.2
123	11.7	9.5	14.3

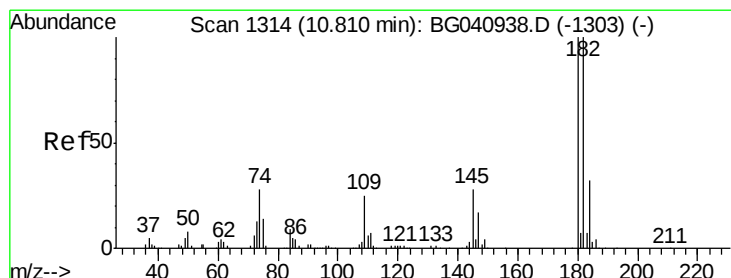
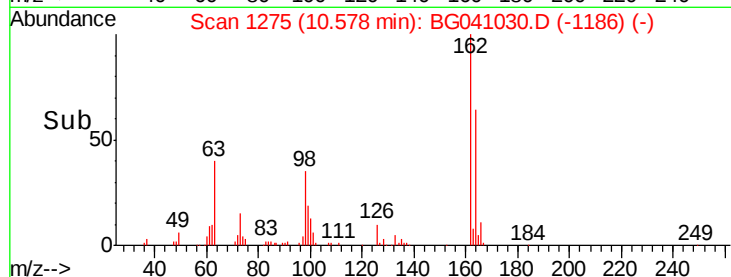
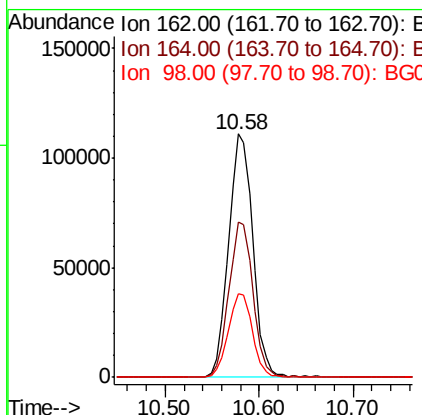
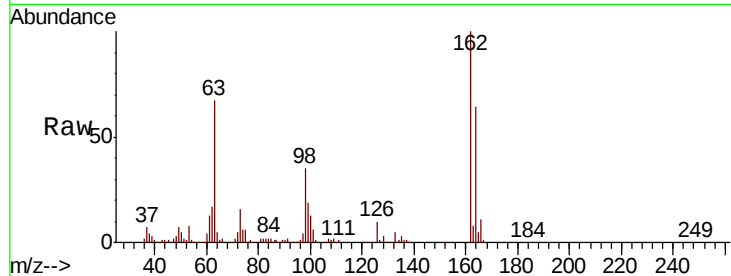




#29
2,4-Dichlorophenol
Concen: 46.383 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

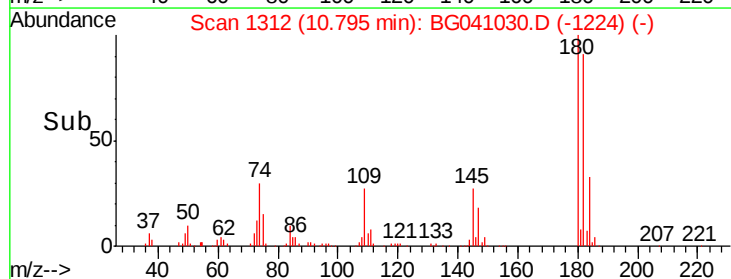
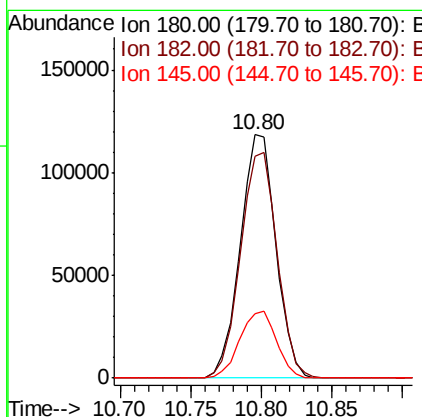
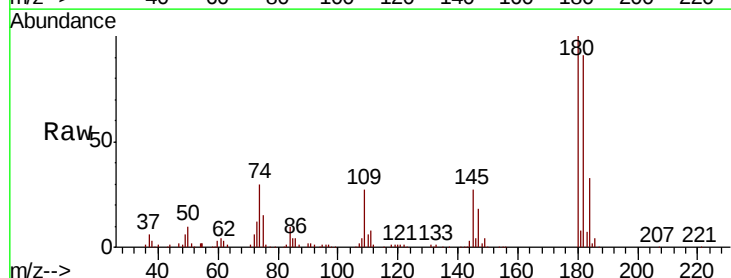
Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

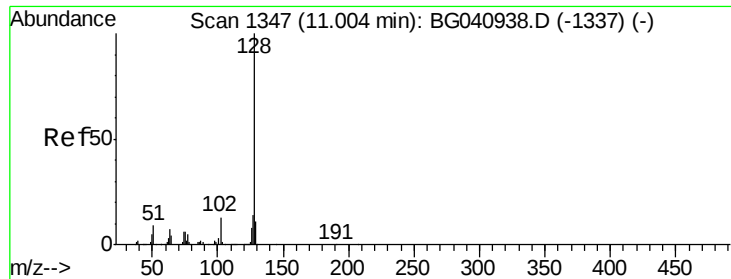
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	39.4	79.4
98	34.5	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 42.890 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	79.7	119.5
145	26.7	22.6	34.0

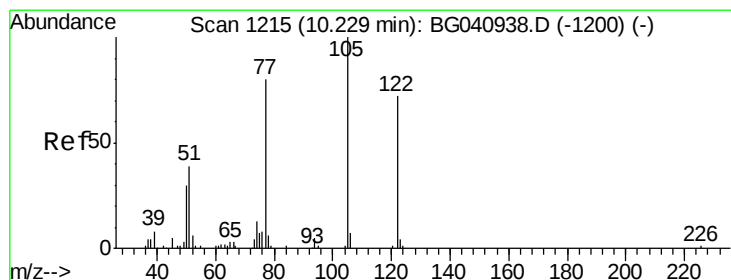
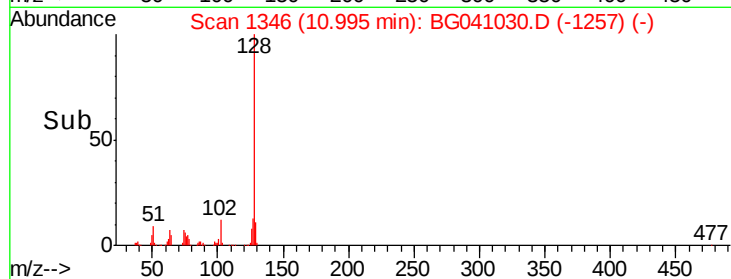
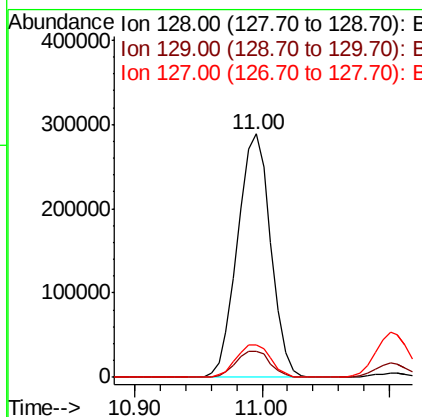
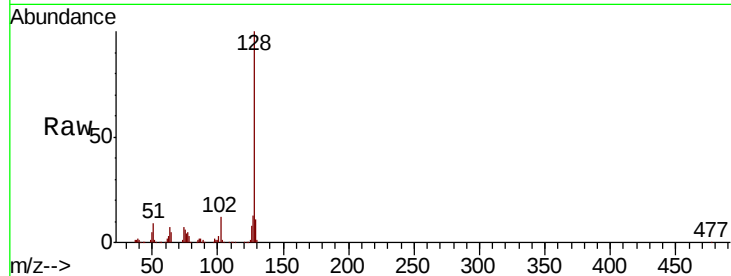




#31
Naphthalene
Concen: 45.075 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

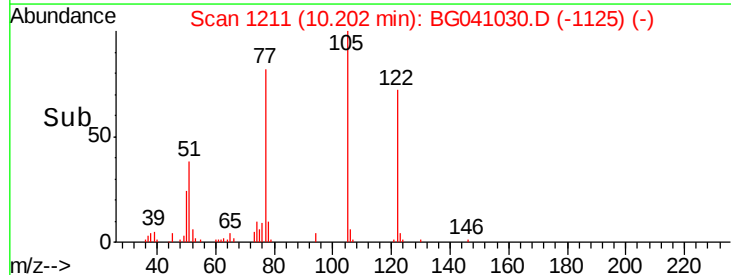
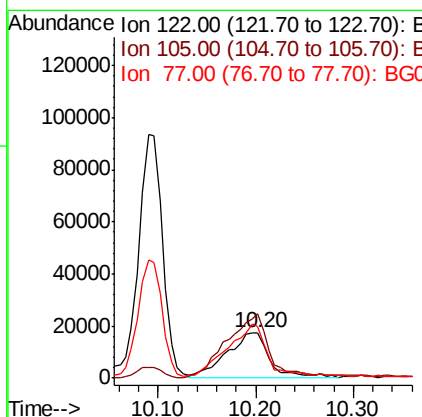
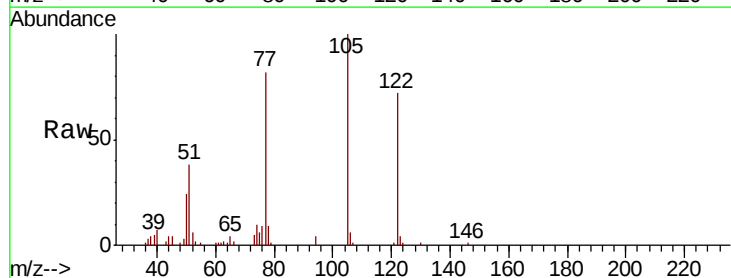
Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

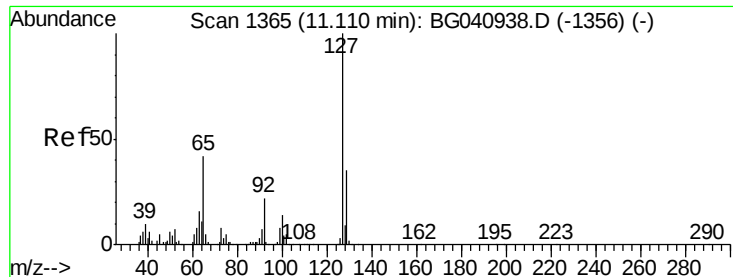
Tot Ion:128 Resp: 522946
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.4 11.4 17.2



#32
Benzoic acid
Concen: 24.584 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.03 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion:122 Resp: 52021
Ion Ratio Lower Upper
122 100
105 139.8 114.8 154.8
77 114.3 89.9 129.9

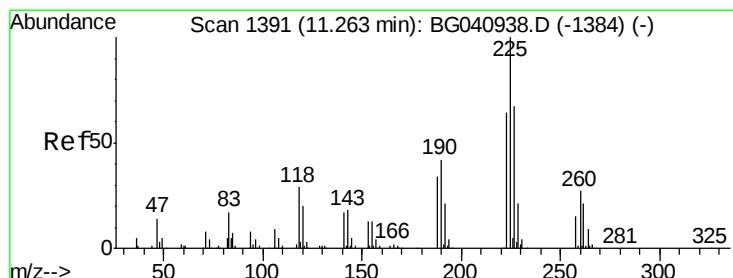
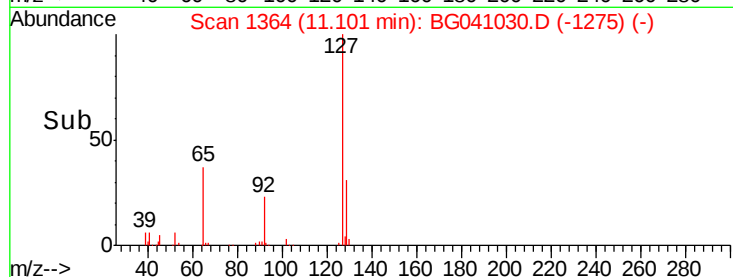
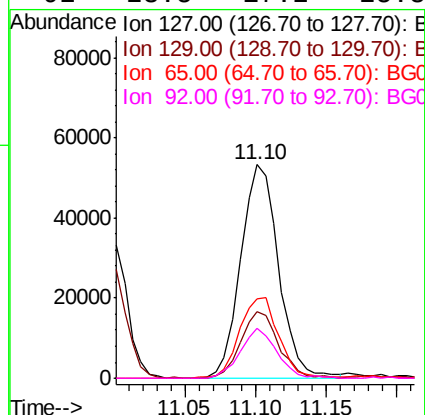
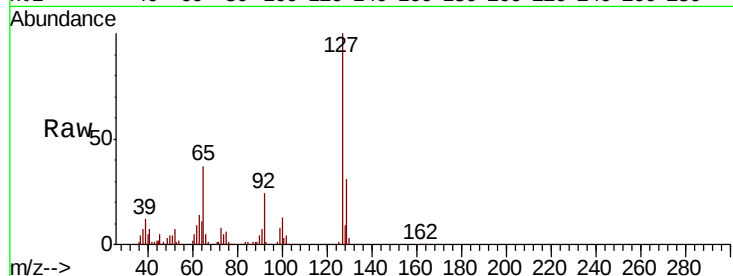




#33
4-Chloroaniline
Concen: 18.618 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

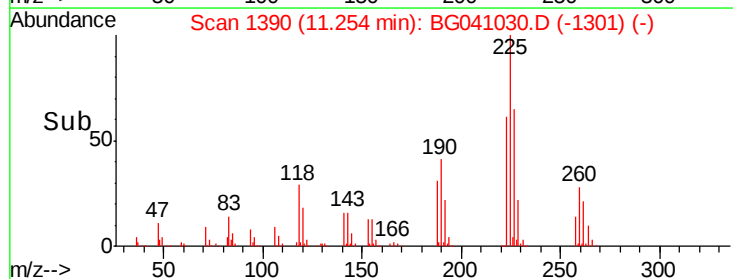
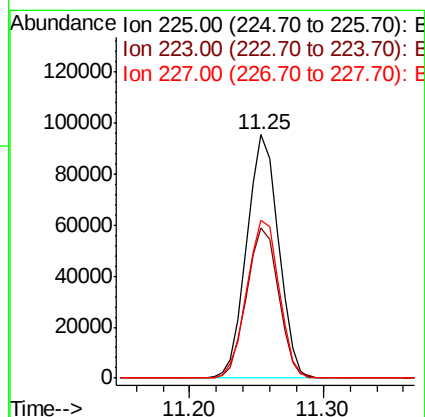
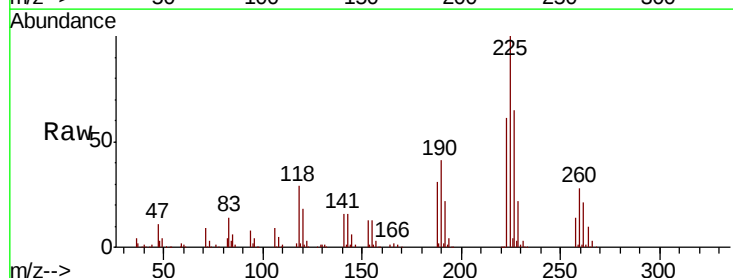
Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

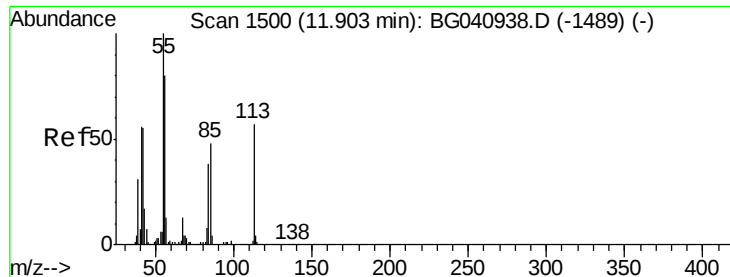
Tot Ion:	127	Resp:	100221
Ion	Ratio	Lower	Upper
127	100		
129	31.1	27.7	41.5
65	37.3	33.2	49.8
92	23.5	17.2	25.8



#34
Hexachlorobutadiene
Concen: 41.929 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion:	225	Resp:	156525
Ion	Ratio	Lower	Upper
225	100		
223	61.5	48.8	73.2
227	64.8	51.4	77.0

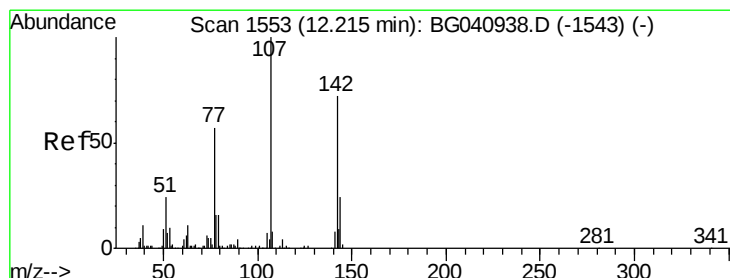
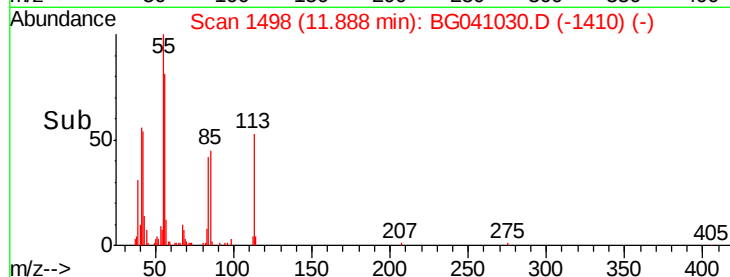
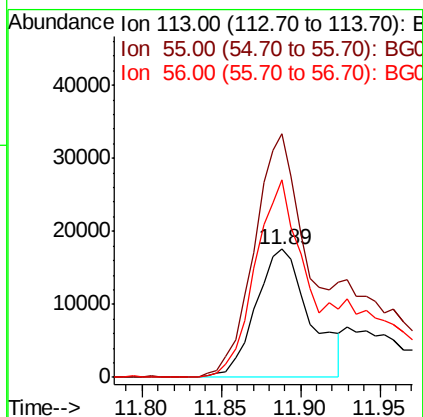
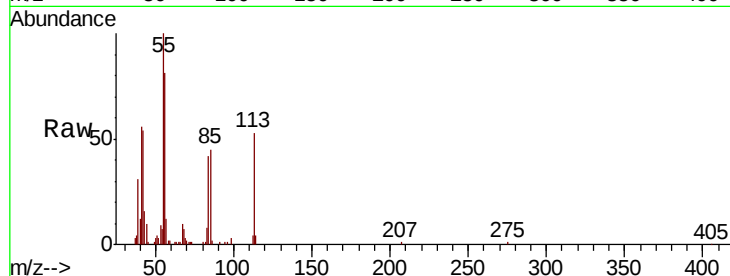




#35
 Caprolactam
 Concen: 29.462 ng
 RT: 11.89 min Scan# 1498
 Delta R.T. -0.02 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

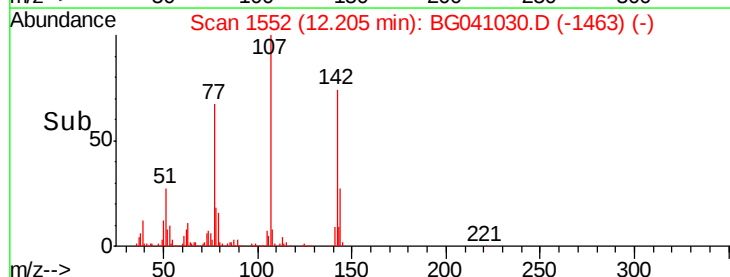
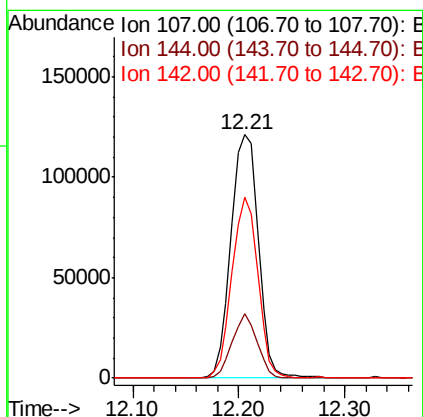
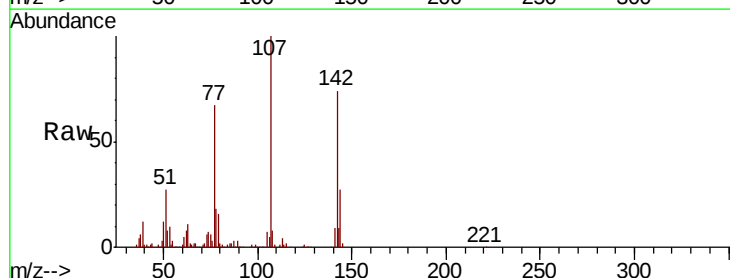
Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MS

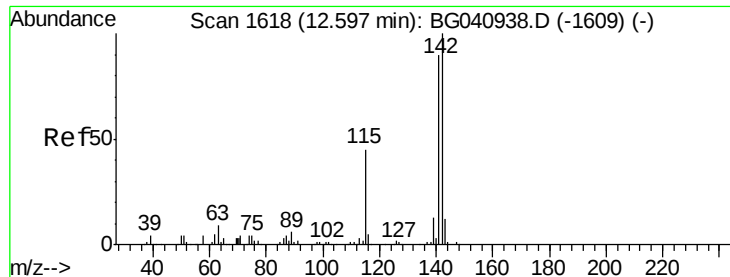
Tot Ion:113 Resp: 41726
 Ion Ratio Lower Upper
 113 100
 55 190.3 155.9 195.9
 56 154.2 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.493 ng
 RT: 12.21 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

Tgt Ion:107 Resp: 217930
 Ion Ratio Lower Upper
 107 100
 144 26.6 19.4 29.0
 142 74.1 57.3 85.9

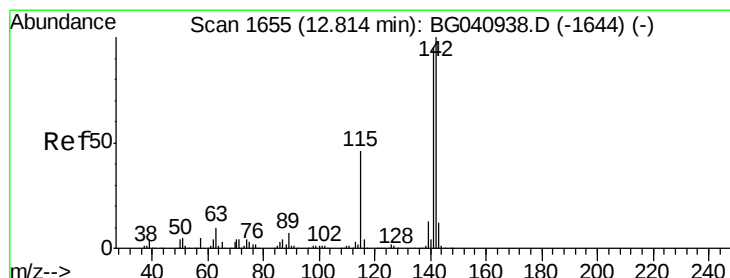
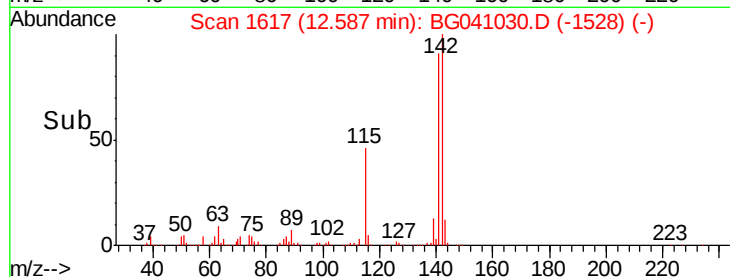
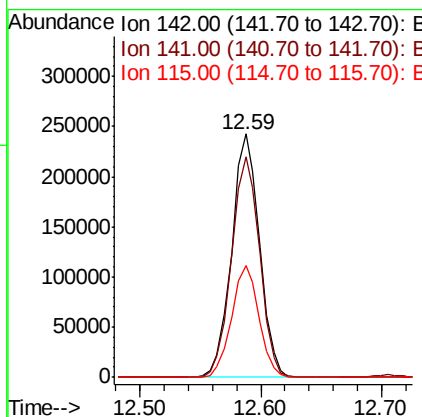
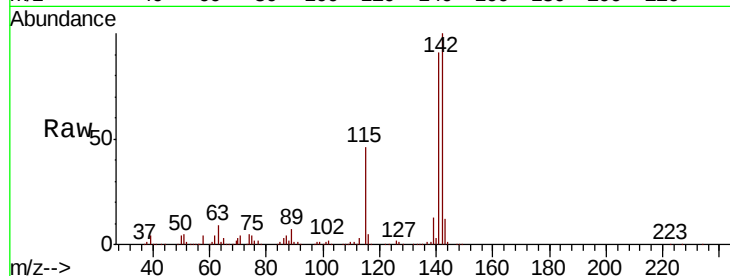




#37
2-Methylnaphthalene
Concen: 43.413 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

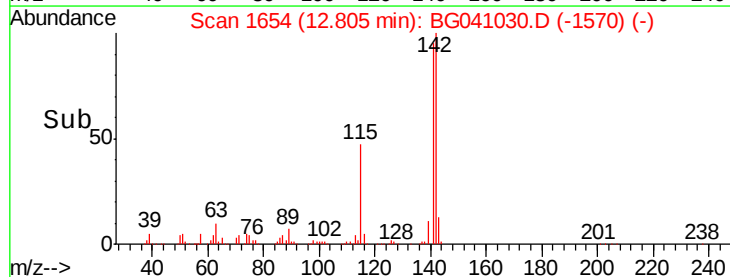
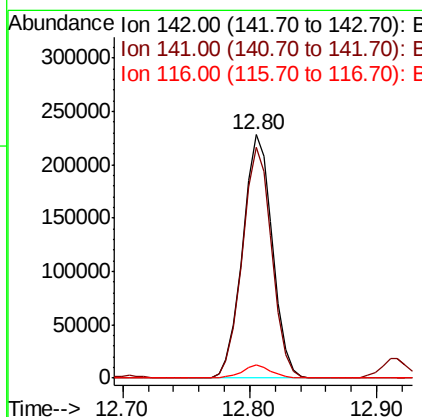
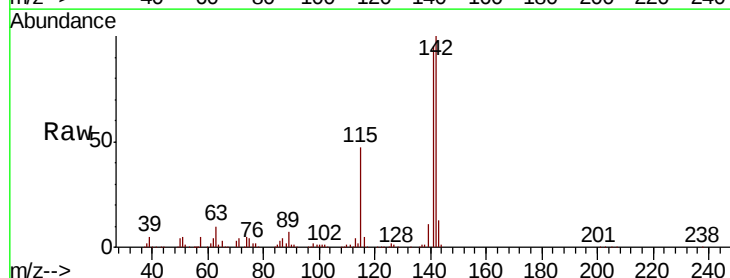
Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

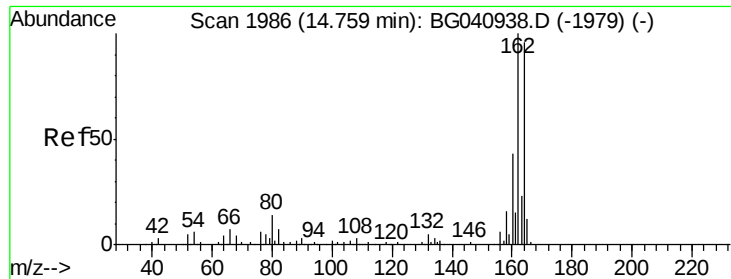
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.2	108.4
115	46.1	36.2	54.4



#38
1-Methylnaphthalene
Concen: 43.950 ng
RT: 12.80 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.7	113.5
116	5.2	3.4	5.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

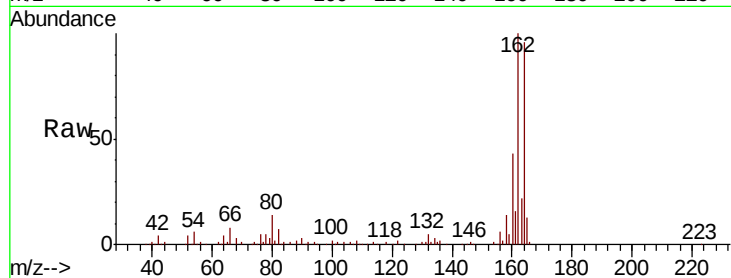
Tot Ion:164 Resp: 156850

Ion Ratio Lower Upper

164 100

162 104.7 83.0 124.4

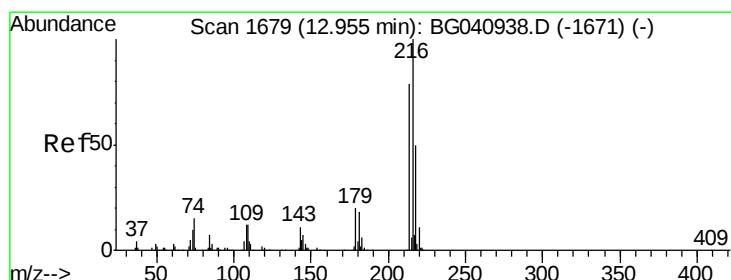
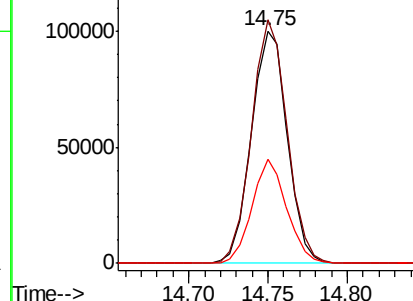
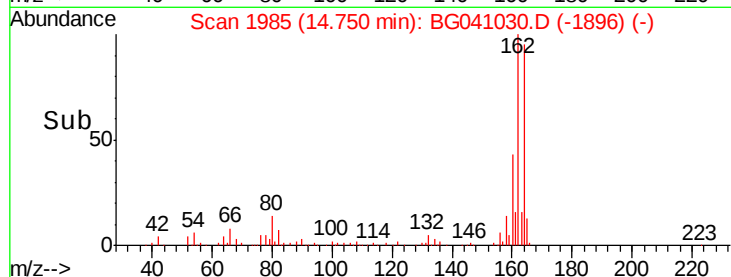
160 44.8 35.6 53.4



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: 45.093 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:216 Resp: 285071

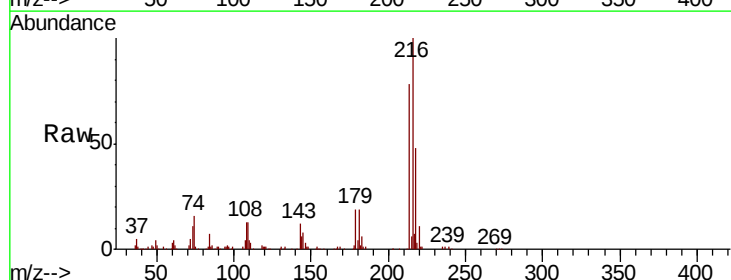
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 19.5 15.2 22.8

108 16.3 11.4 17.2

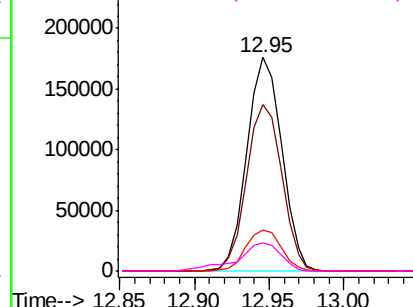
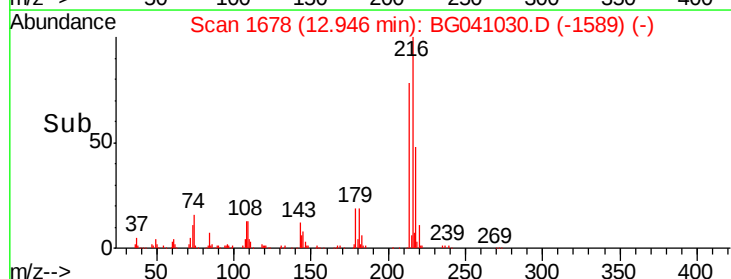


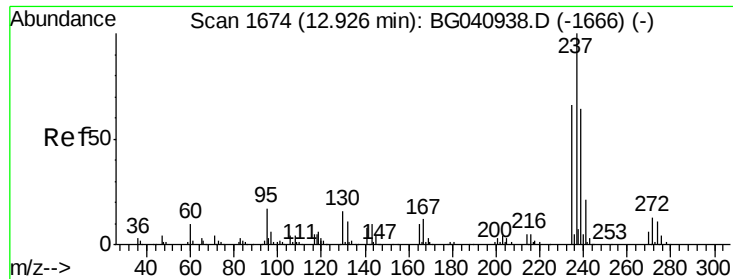
Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.160 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

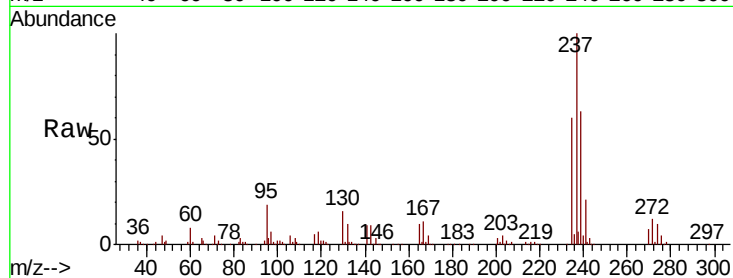
Tot Ion:237 Resp: 298991

Ion Ratio Lower Upper

237 100

235 60.1 45.5 85.5

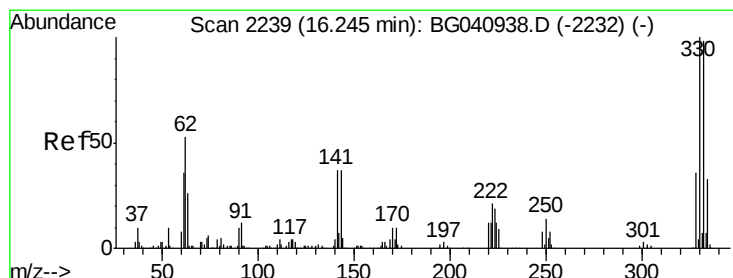
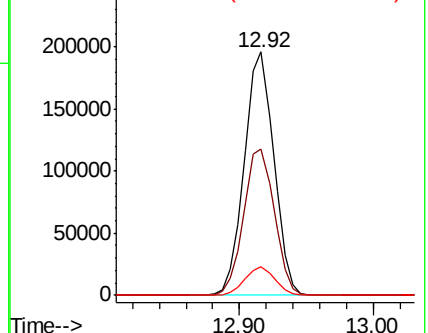
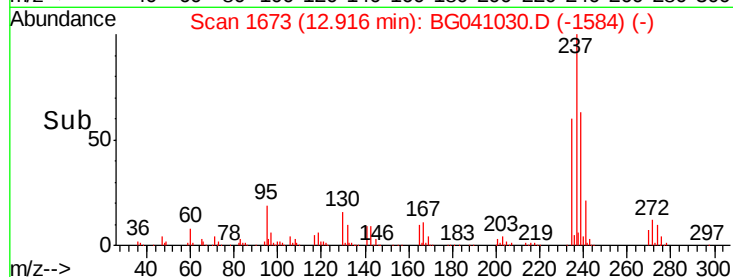
272 11.6 0.0 32.9



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: 138.996 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

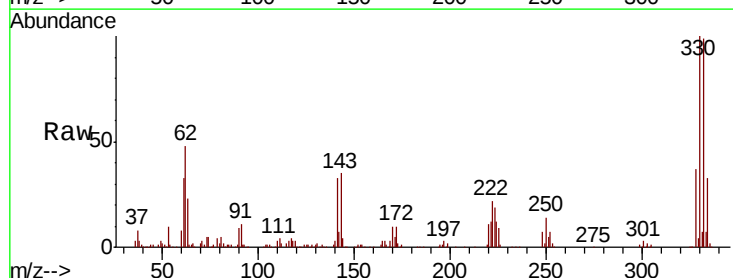
Tgt Ion:330 Resp: 323658

Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

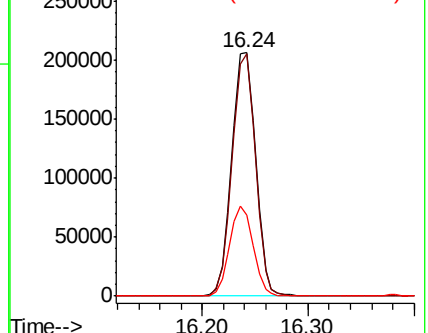
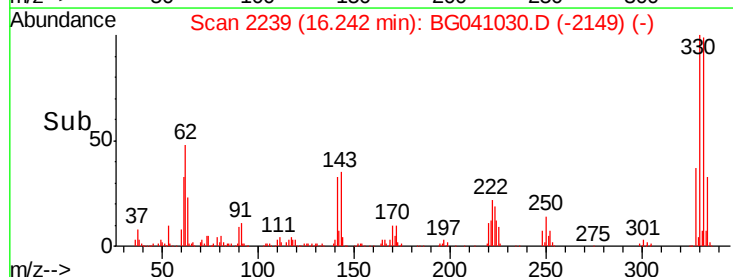
141 36.4 28.7 43.1

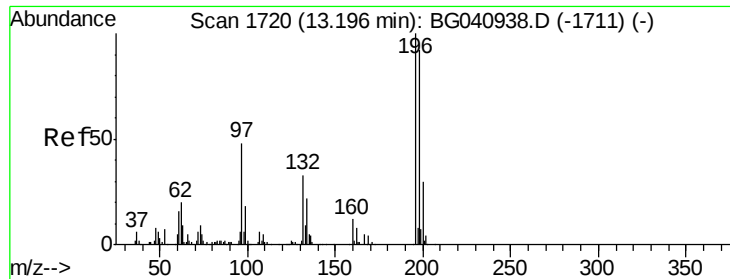


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

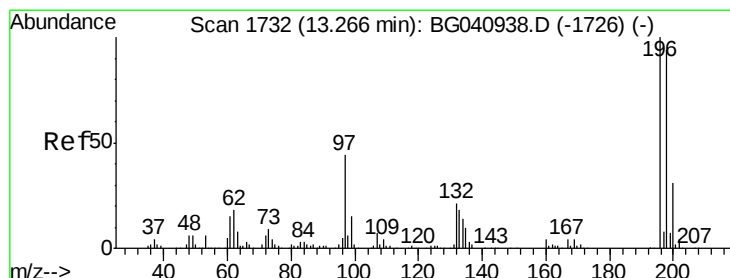
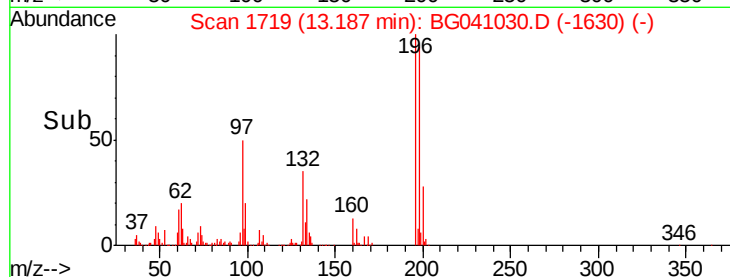
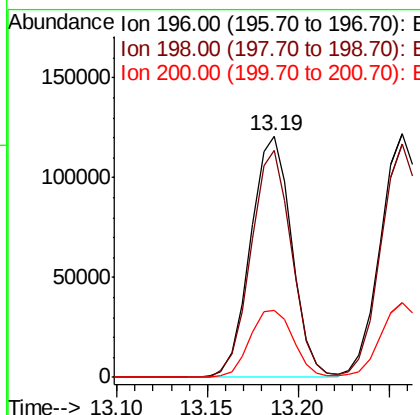
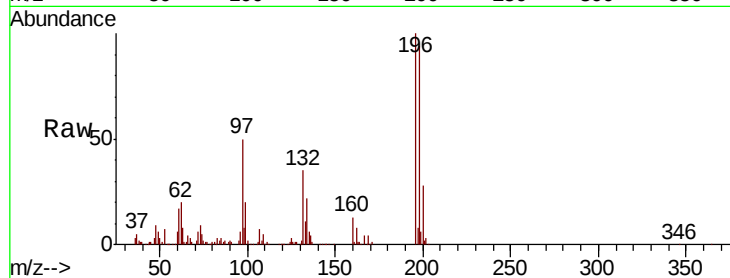




#43
 2,4,6-Trichlorophenol
 Concen: 46.623 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

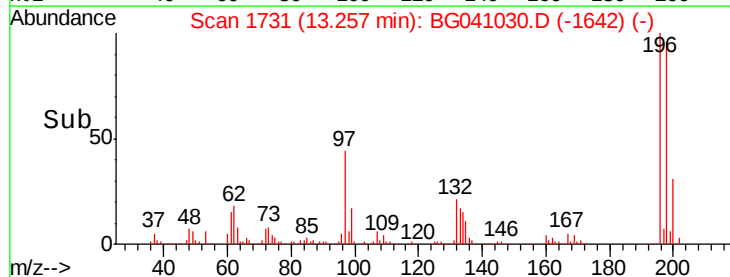
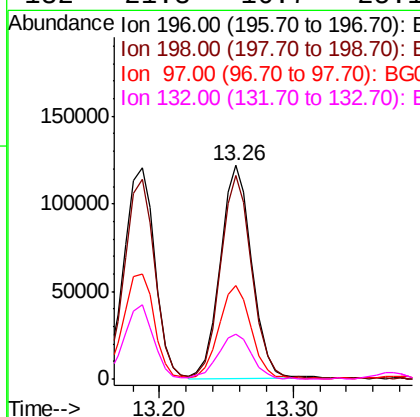
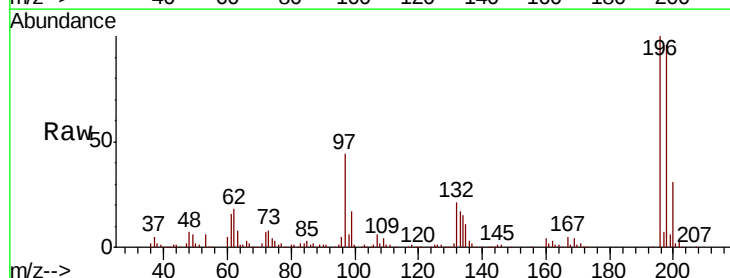
Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MS

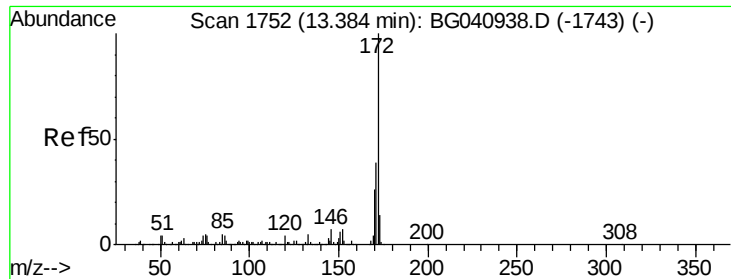
Tot Ion:196 Resp: 190674
 Ion Ratio Lower Upper
 196 100
 198 94.2 73.8 110.6
 200 27.7 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.889 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

Tgt Ion:196 Resp: 202242
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.1 112.7
 97 44.0 35.6 53.4
 132 21.3 16.7 25.1

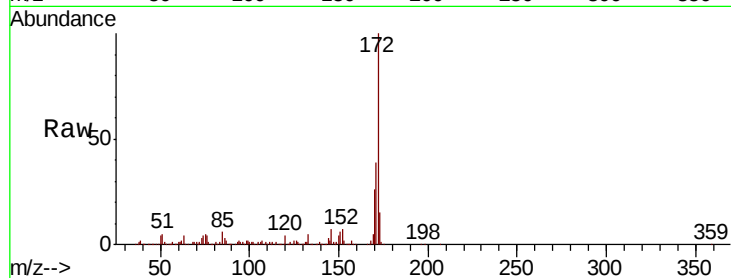




#45
2-Fluorobiphenyl
Concen: 88.134 ng
RT: 13.37 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.1	46.7
170	25.9	20.5	30.7

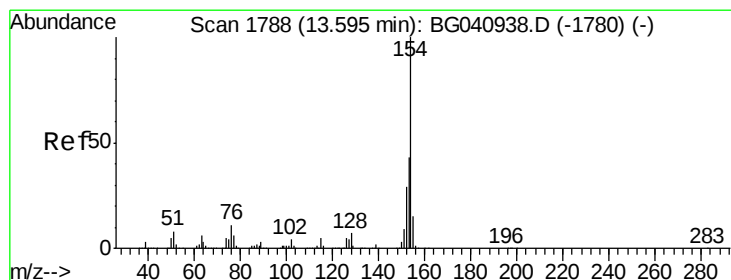
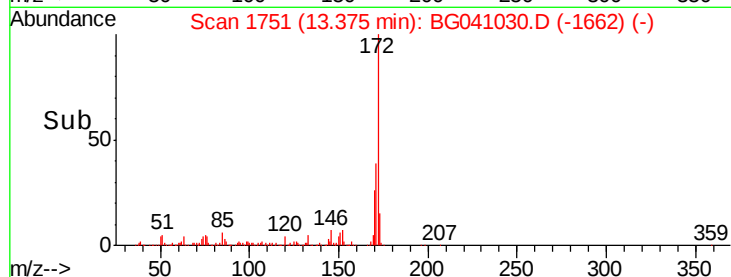
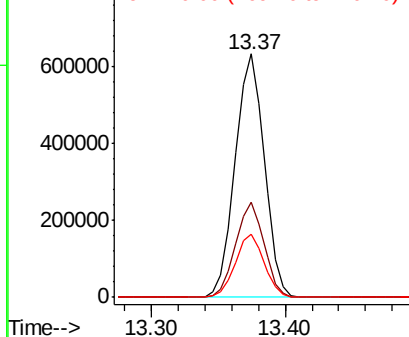


Abundance

Ion 172.00 (171.70 to 172.70): E

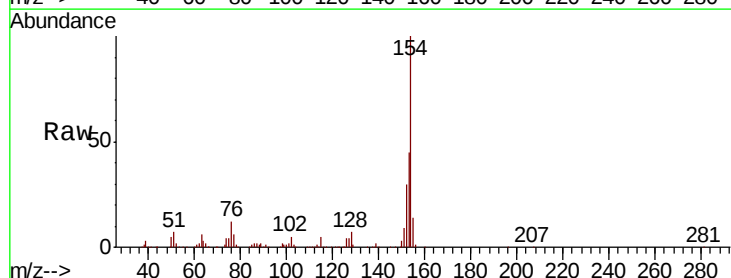
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.993 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.6	23.3	63.3
76	11.7	0.0	31.1

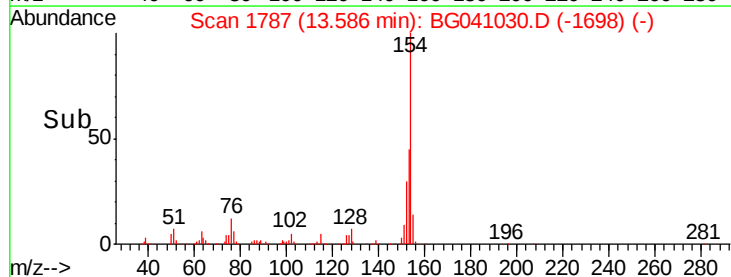
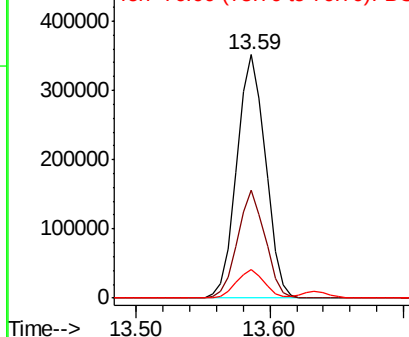


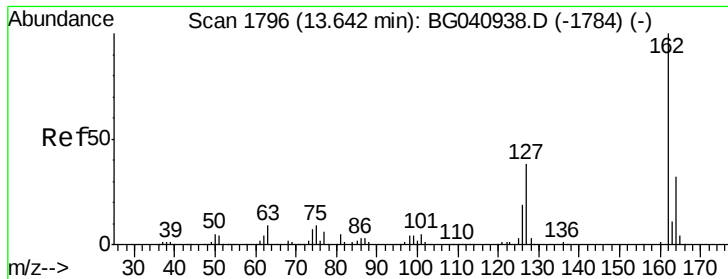
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

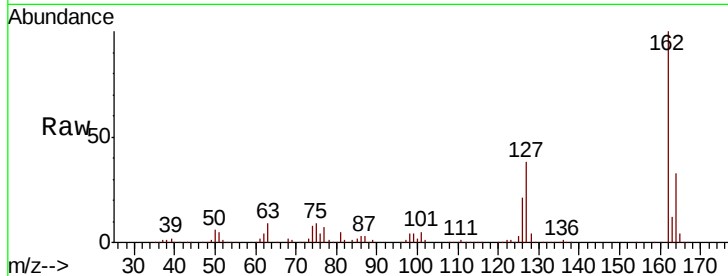




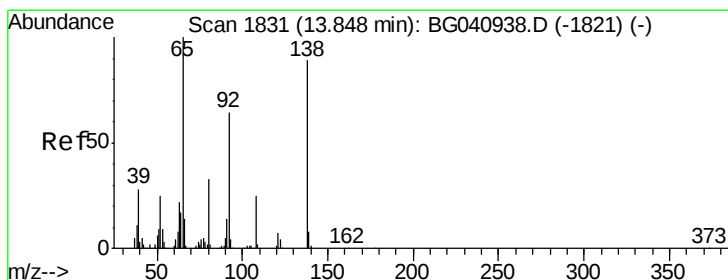
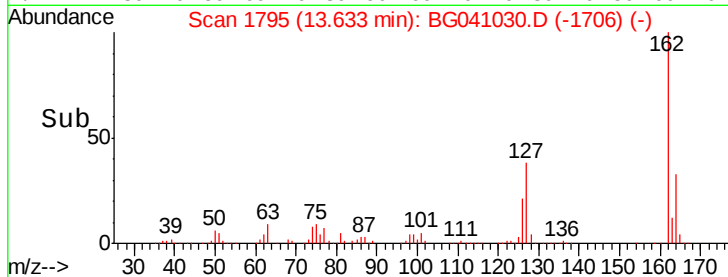
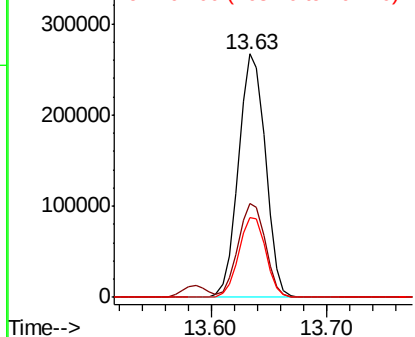
#47
 2-Chloronaphthalene
 Concen: 43.279 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.5	45.7
164	32.9	25.8	38.6

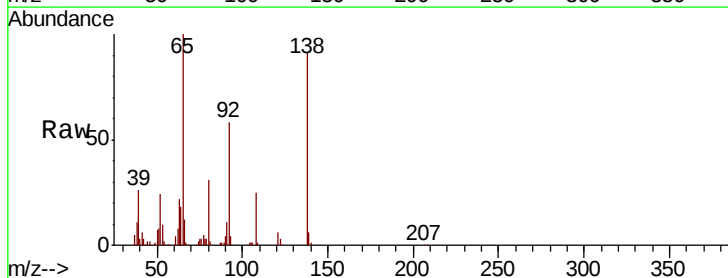


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

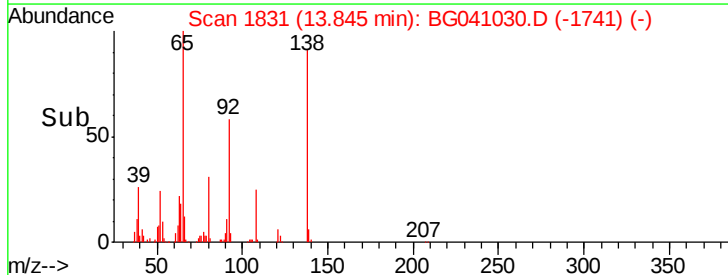
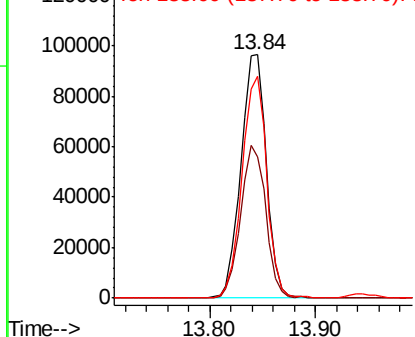


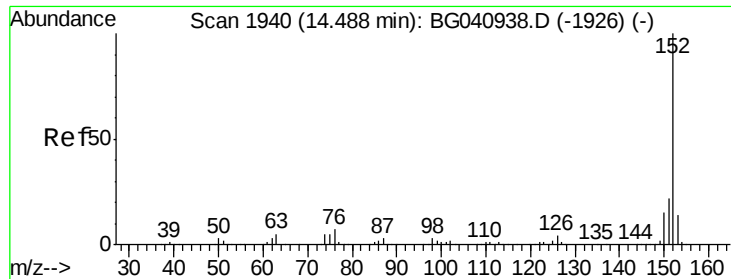
#48
 2-Nitroaniline
 Concen: 45.050 ng
 RT: 13.84 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.2	51.0	76.6
138	91.1	71.2	106.8



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: 44.836 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

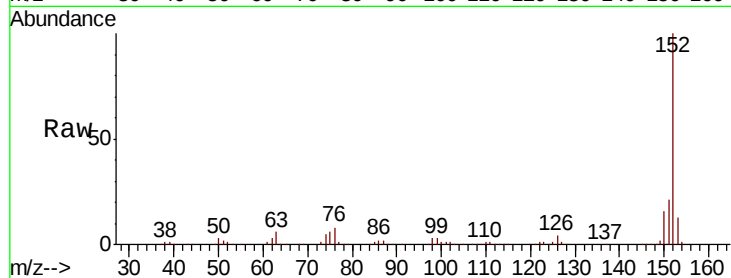
Tot Ion:152 Resp: 672599

Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.0

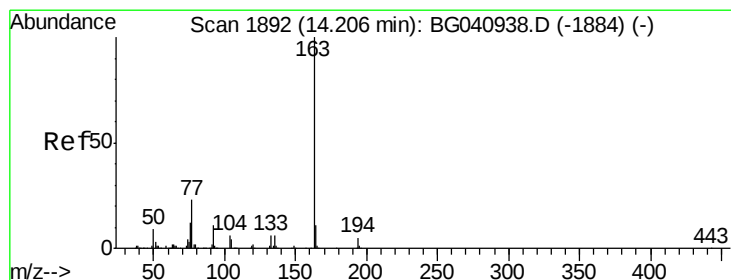
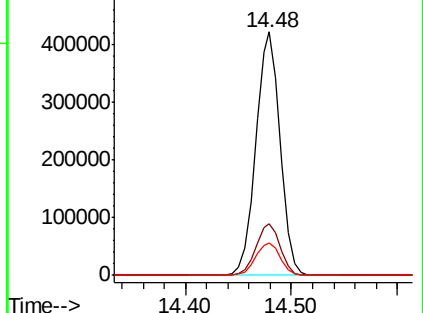
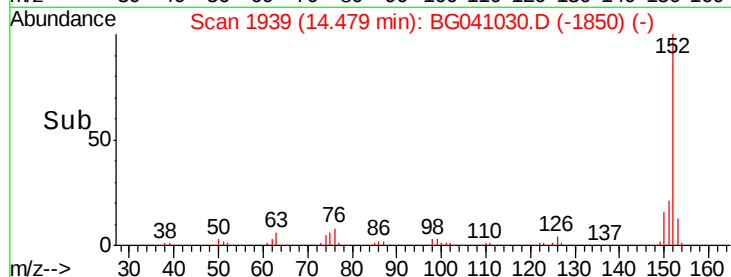
153 13.4 11.0 16.4



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: 52.423 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

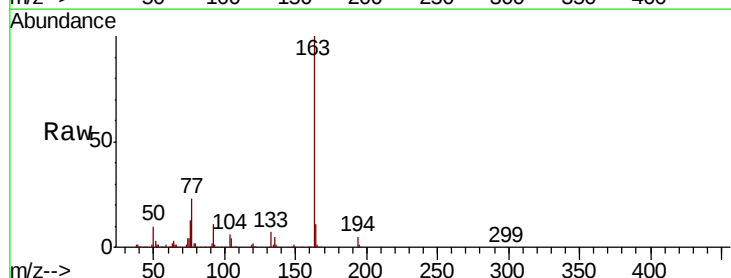
Tgt Ion:163 Resp: 696045

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.8

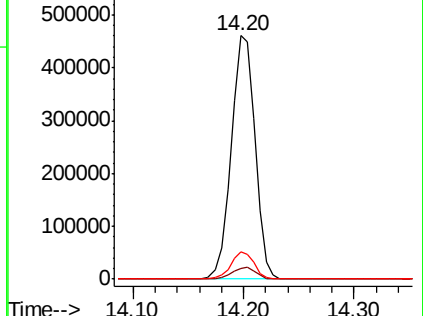
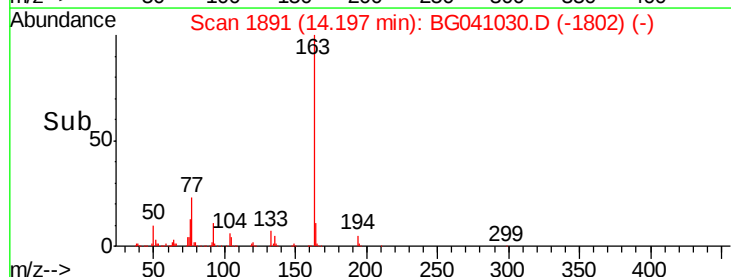
164 11.3 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.063 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

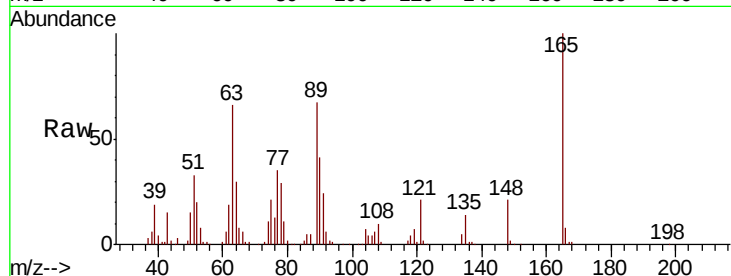
Tot Ion:165 Resp: 129002

Ion Ratio Lower Upper

165 100

63 65.8 53.6 80.4

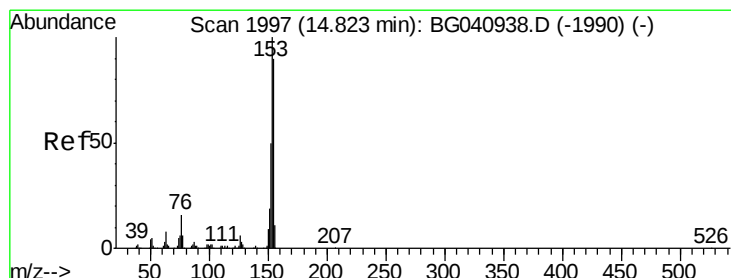
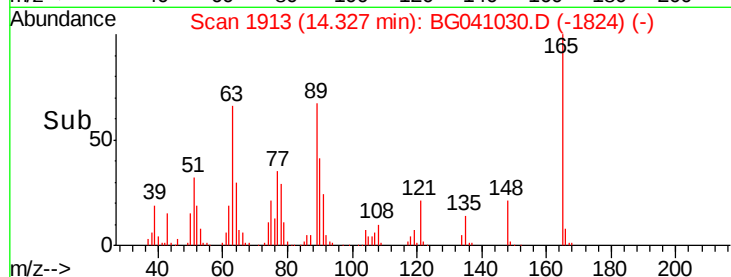
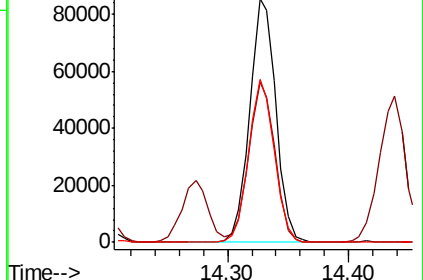
89 66.8 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 43.078 ng

RT: 14.81 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

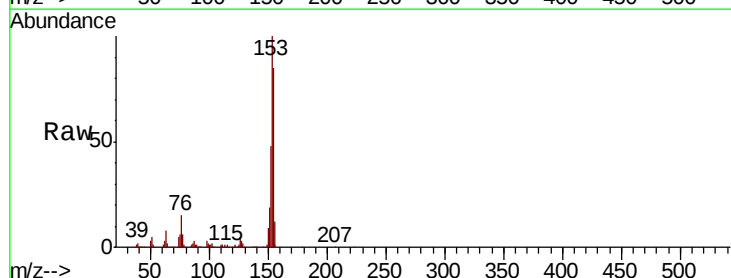
Tgt Ion:154 Resp: 391482

Ion Ratio Lower Upper

154 100

153 117.8 88.6 133.0

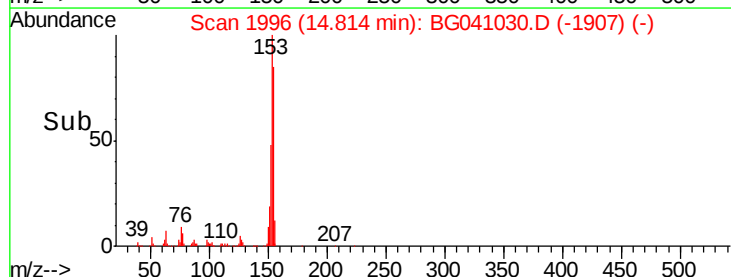
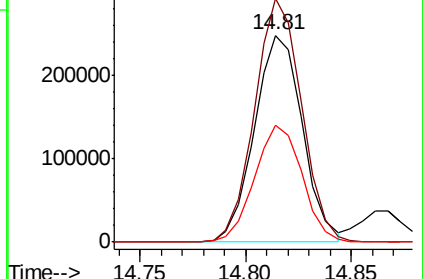
152 56.3 44.2 66.4

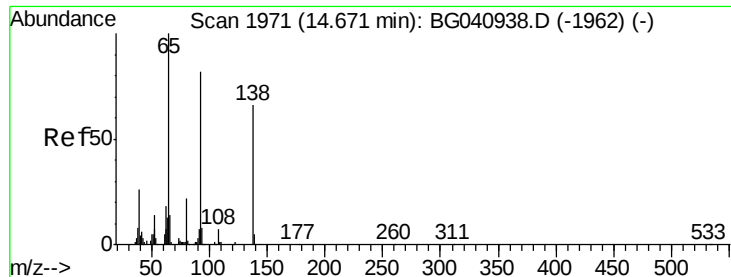


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

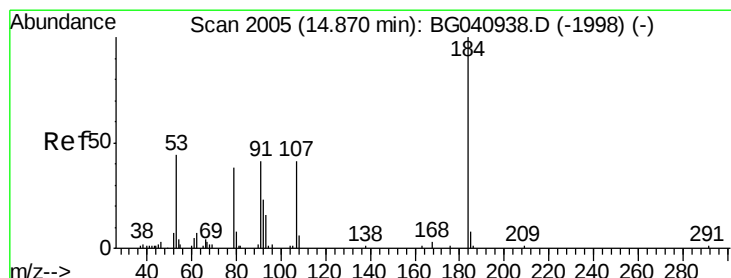
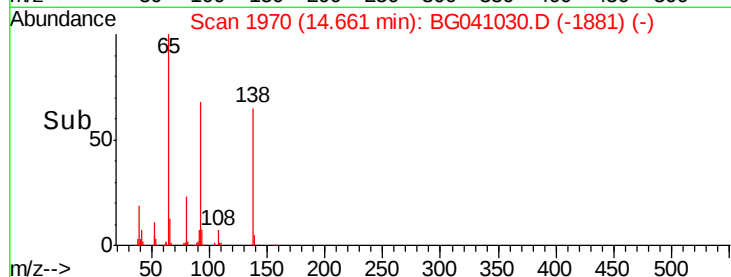
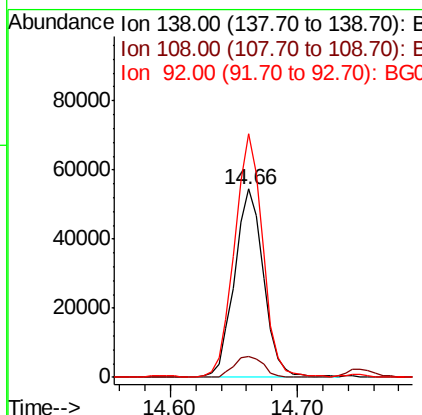
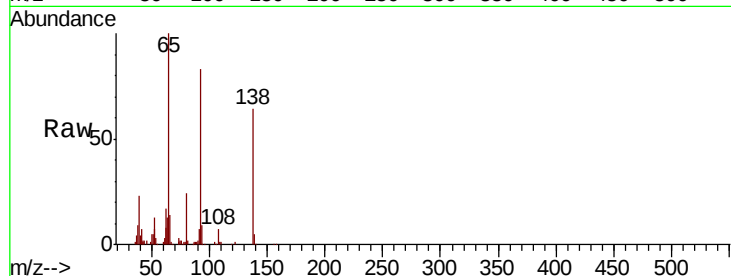




#53
3-Nitroaniline
Concen: 30.141 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

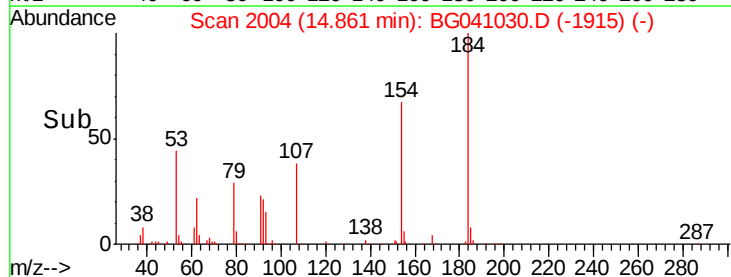
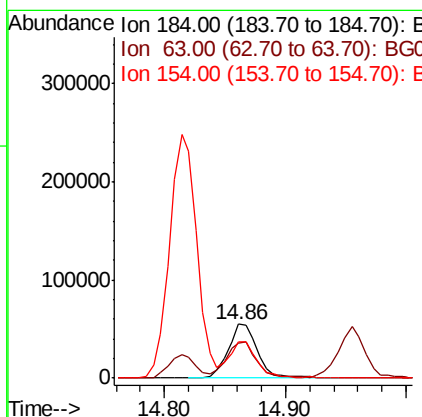
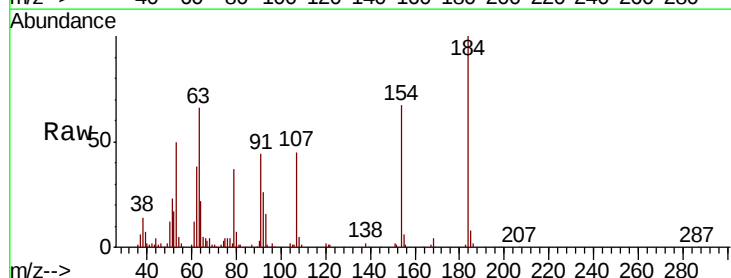
Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

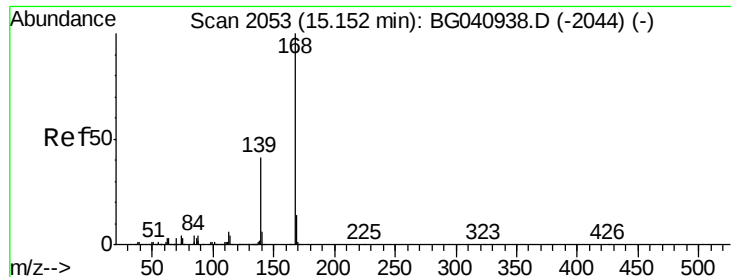
Tot Ion:138 Resp: 86282
Ion Ratio Lower Upper
138 100
108 11.3 8.5 12.7
92 129.5 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 67.272 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion:184 Resp: 93044
Ion Ratio Lower Upper
184 100
63 66.3 49.8 74.6
154 67.4 52.2 78.4





#55

Dibenzofuran

Concen: 44.112 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

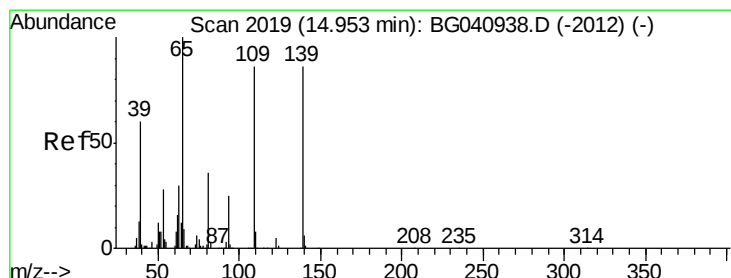
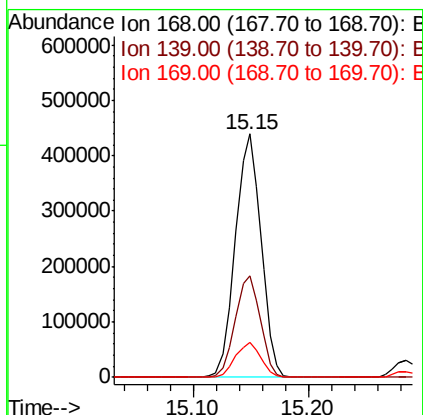
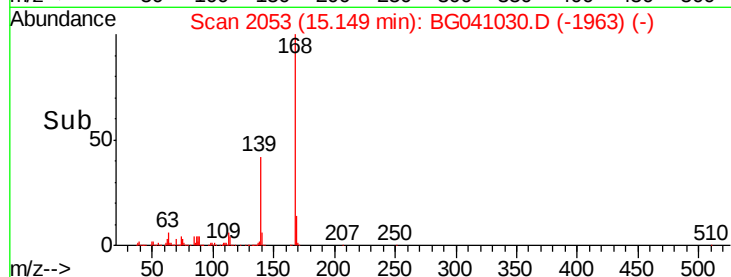
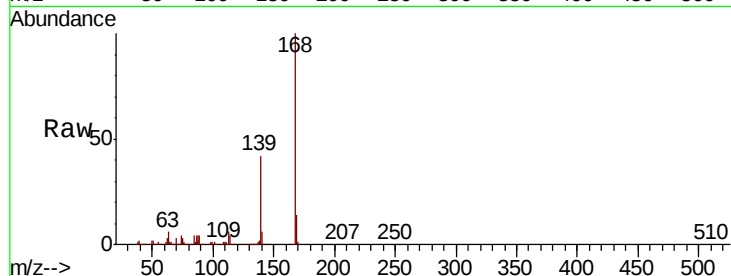
BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:168 Resp: 674537

Ion	Ratio	Lower	Upper
168	100		
139	41.6	32.8	49.2
169	14.2	11.3	16.9



#56

4-Nitrophenol

Concen: 100.040 ng

RT: 14.96 min Scan# 2020

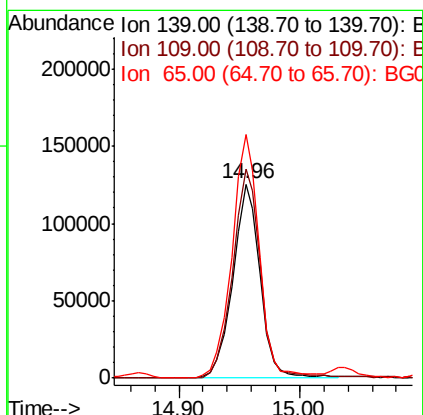
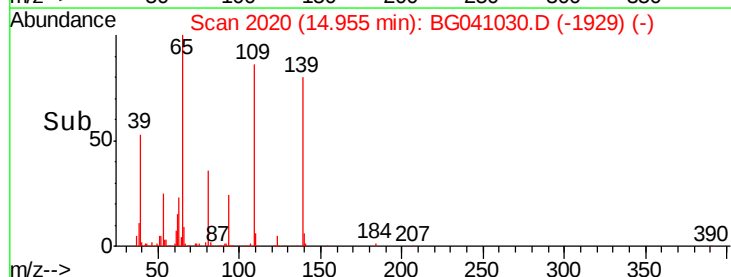
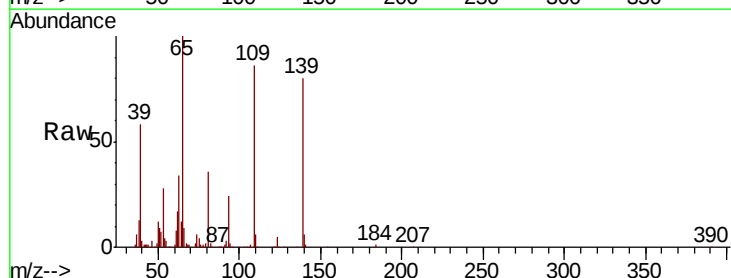
Delta R.T. 0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:139 Resp: 196429

Ion	Ratio	Lower	Upper
139	100		
109	107.6	79.6	119.6
65	125.7	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 45.719 ng

RT: 15.11 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:165 Resp: 184879

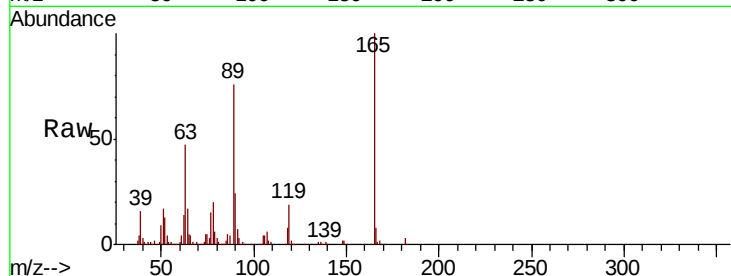
Ion Ratio Lower Upper

165 100

63 47.2 37.3 55.9

89 75.5 61.0 91.6

182 3.2 2.2 3.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

200000

150000

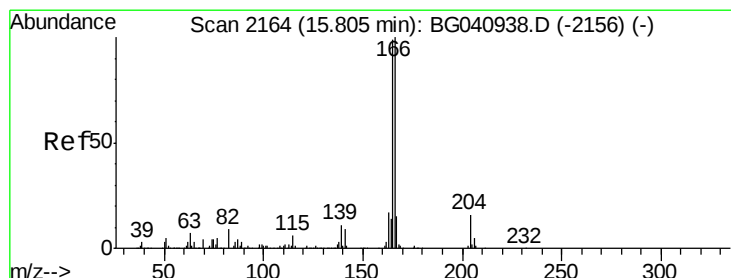
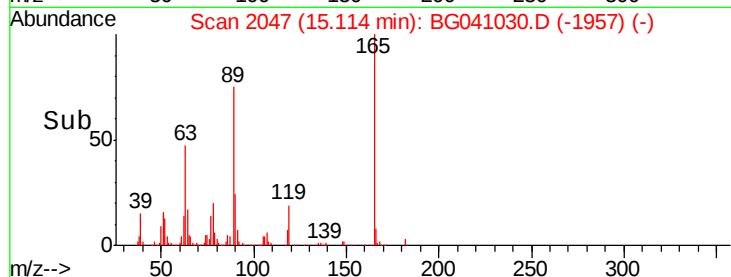
100000

50000

0

15.10 15.20

Time-->



#58

Fluorene

Concen: 43.716 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

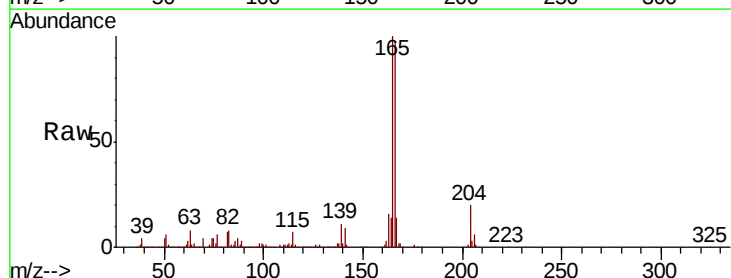
Tgt Ion:166 Resp: 532373

Ion Ratio Lower Upper

166 100

165 102.9 79.2 118.8

167 14.6 11.8 17.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

500000

400000

300000

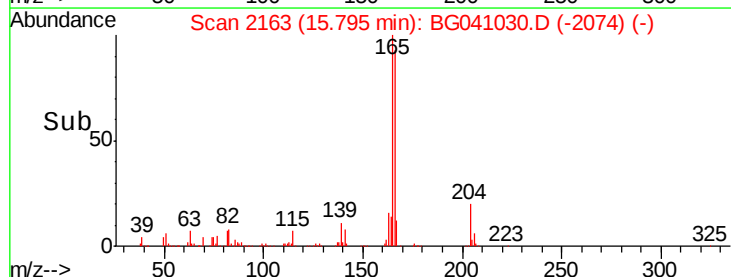
200000

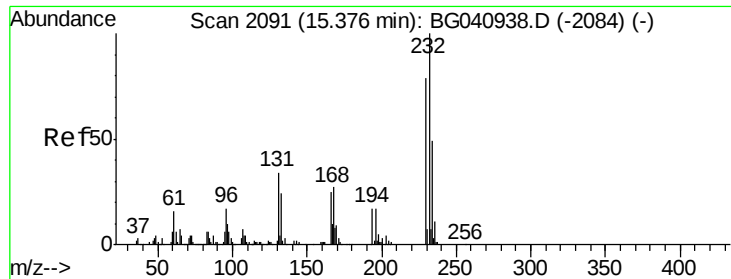
100000

0

15.70 15.75 15.80 15.85

Time-->





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.414 ng

RT: 15.37 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:232 Resp: 200976

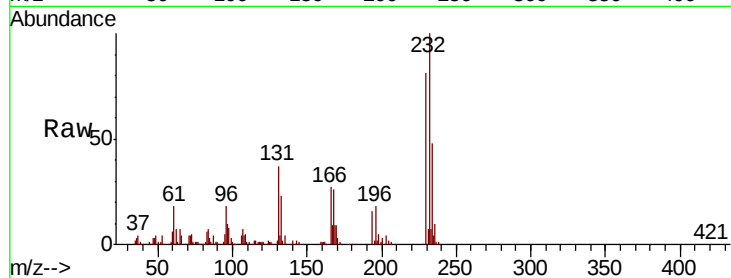
Ion Ratio Lower Upper

232 100

131 37.9 30.3 45.5

130 2.3 1.8 2.8

166 26.3 21.3 31.9

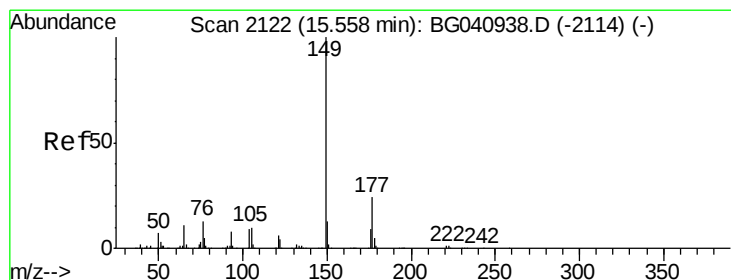
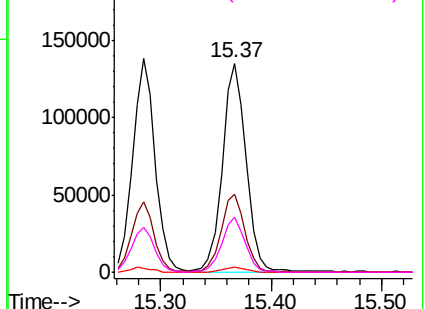
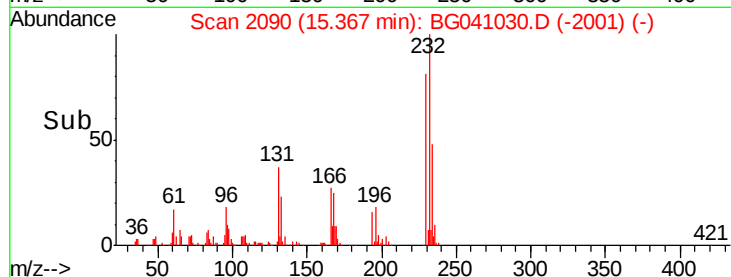


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.001 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

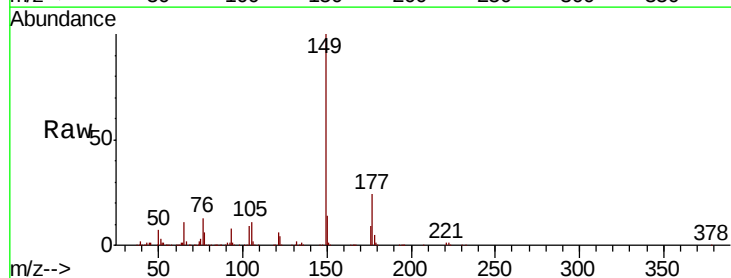
Tgt Ion:149 Resp: 582662

Ion Ratio Lower Upper

149 100

177 24.1 19.4 29.0

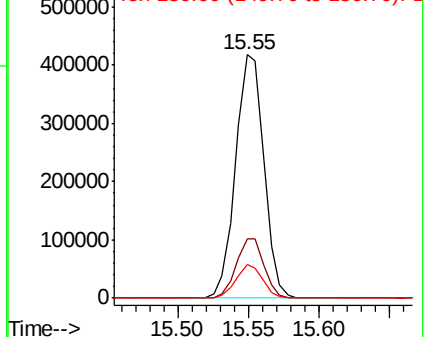
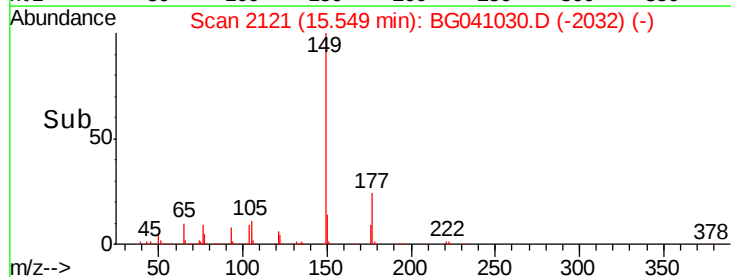
150 13.7 10.3 15.5

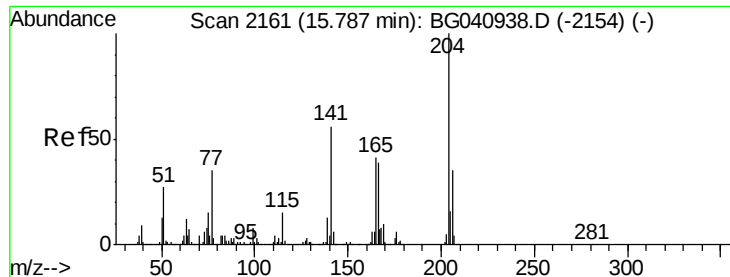


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

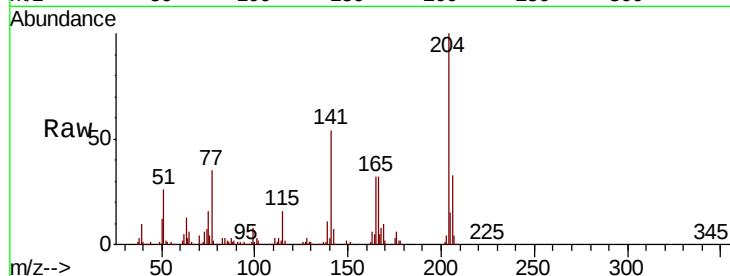




#61
4-Chlorophenyl-phenylether
Concen: 43.276 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	27.6	41.4
141	54.1	45.1	67.7

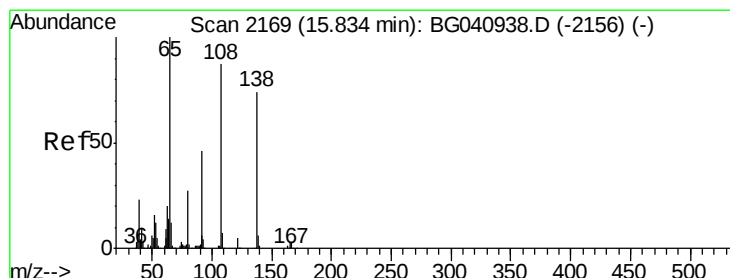
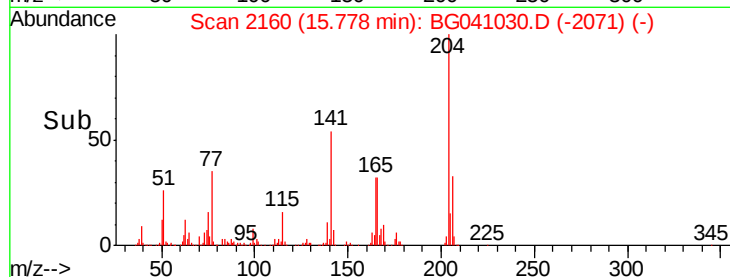
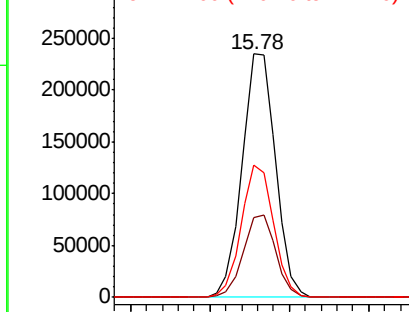


Abundance

Ion 204.00 (203.70 to 204.70): E

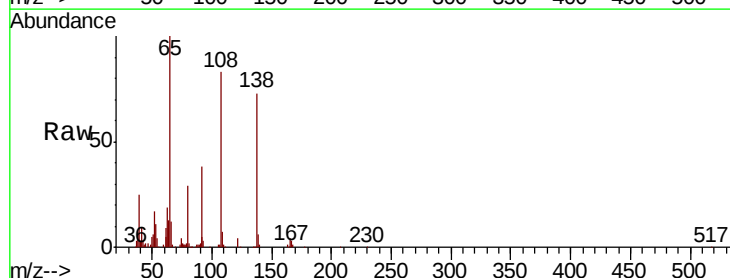
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.874 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	42.4	82.4
108	113.5	96.9	136.9

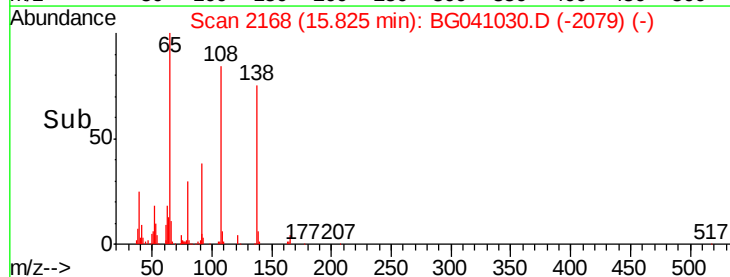
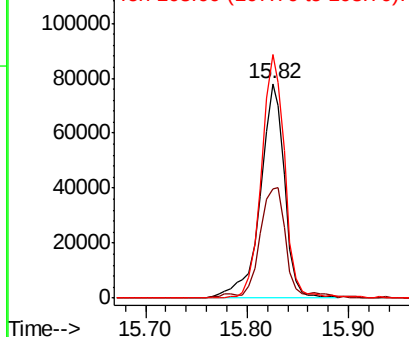


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.546 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

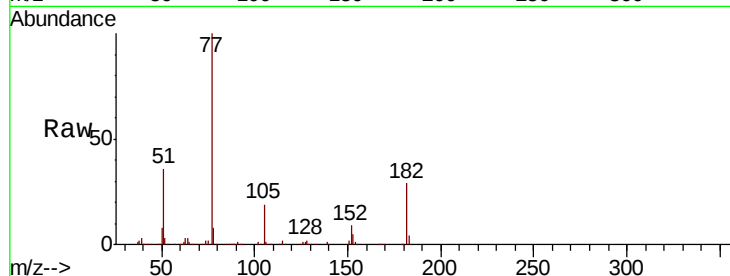
BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion: 77 Resp: 536290

Ion	Ratio	Lower	Upper
77	100		
182	28.8	9.6	49.6
105	18.6	0.0	37.5
51	35.8	13.7	53.7

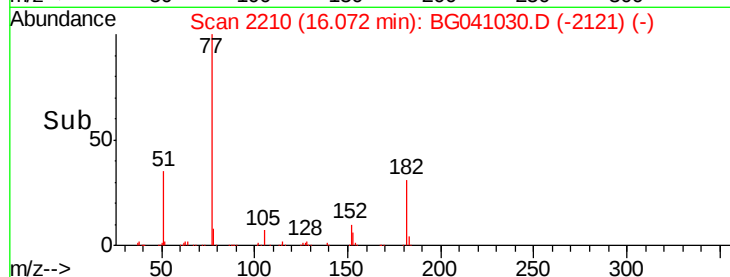
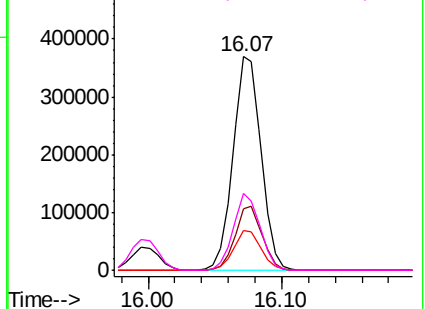


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.49 min Scan# 2452

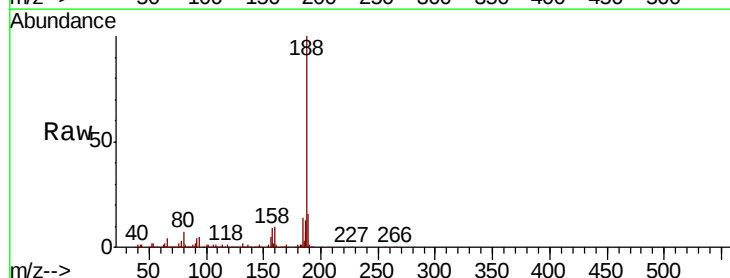
Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion: 188 Resp: 389666

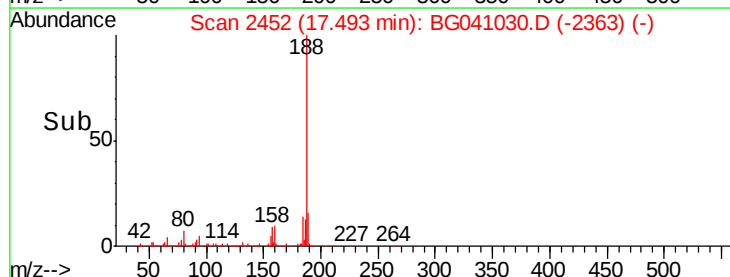
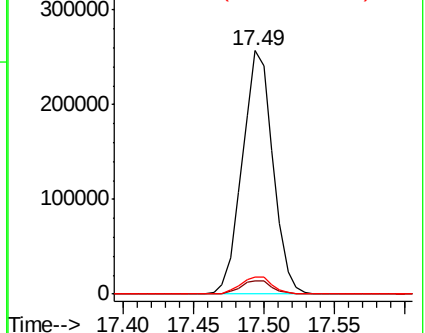
Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.7	7.1
80	6.9	5.8	8.8

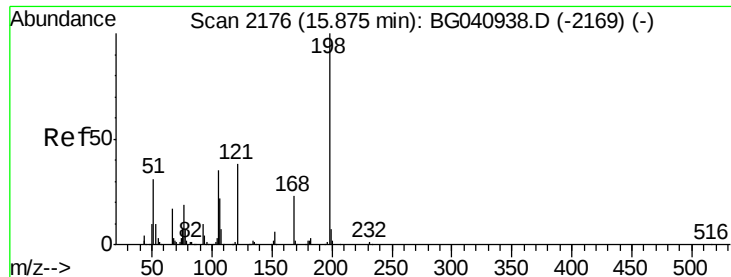


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.765 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

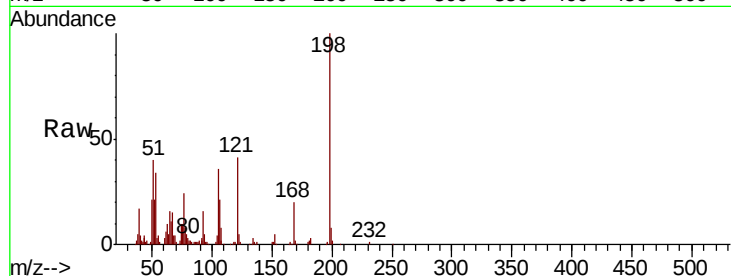
BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:198 Resp: 94542

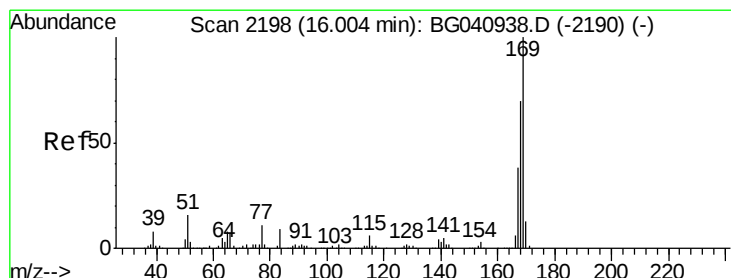
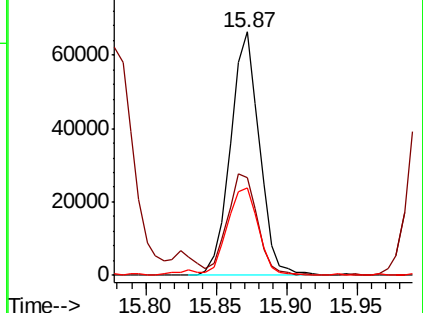
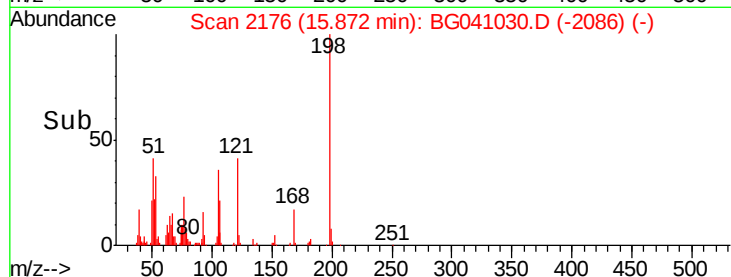
Ion	Ratio	Lower	Upper
198	100		
51	40.3	21.6	61.6
105	35.7	17.5	57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.520 ng

RT: 16.00 min Scan# 2198

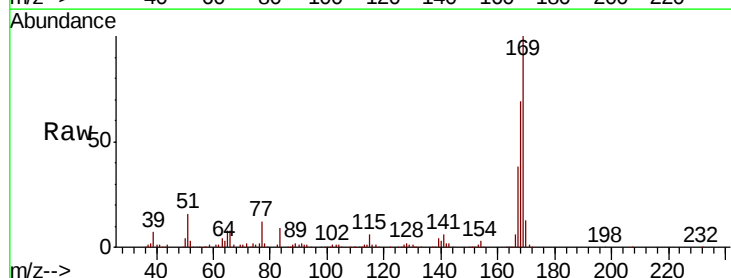
Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:169 Resp: 487666

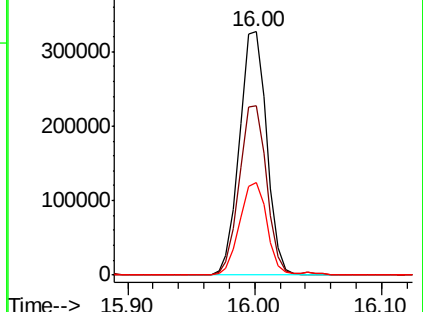
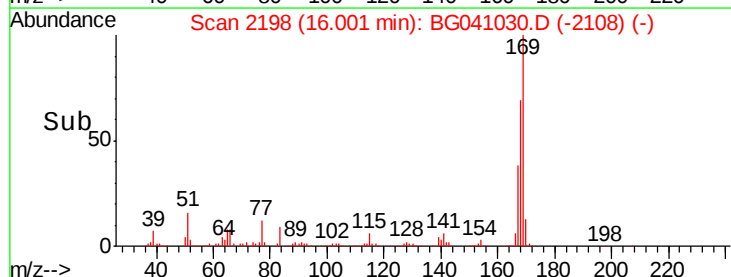
Ion	Ratio	Lower	Upper
169	100		
168	69.4	55.7	83.5
167	38.3	30.2	45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

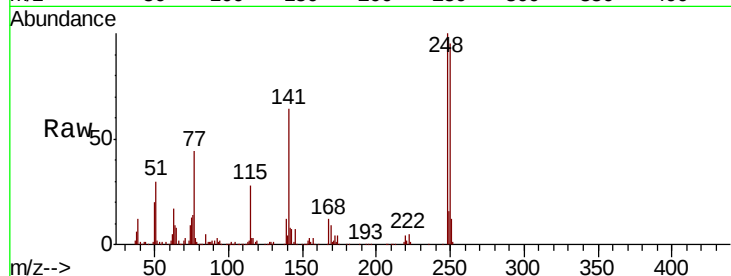




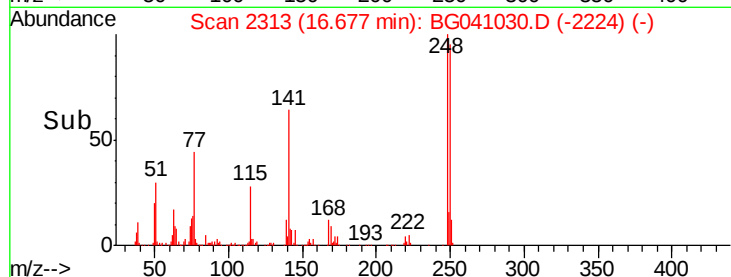
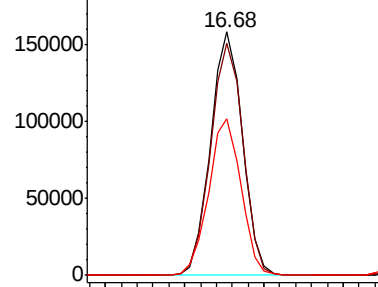
#67
4-Bromophenyl-phenylether
Concen: 42.074 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

Tot Ion:248 Resp: 221254
Ion Ratio Lower Upper
248 100
250 95.1 75.0 112.4
141 64.3 52.4 78.6

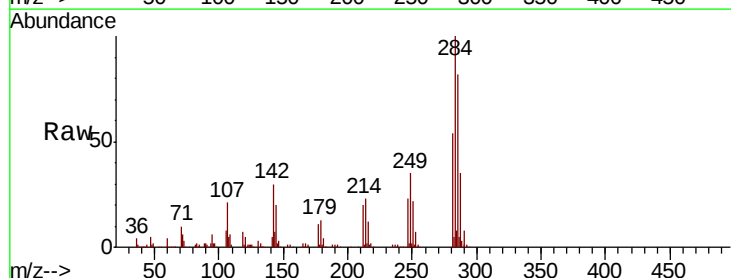


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

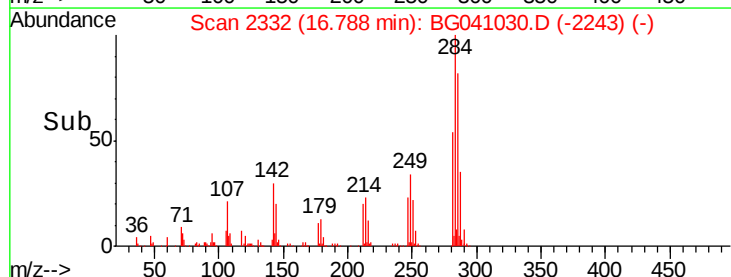
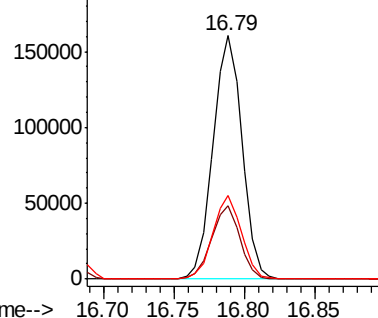


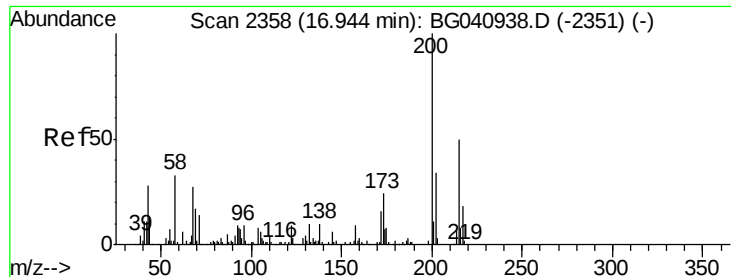
#68
Hexachlorobenzene
Concen: 41.173 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion:284 Resp: 230557
Ion Ratio Lower Upper
284 100
142 30.2 23.9 35.9
249 34.6 26.8 40.2



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





#69

Atrazine

Concen: 50.071 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

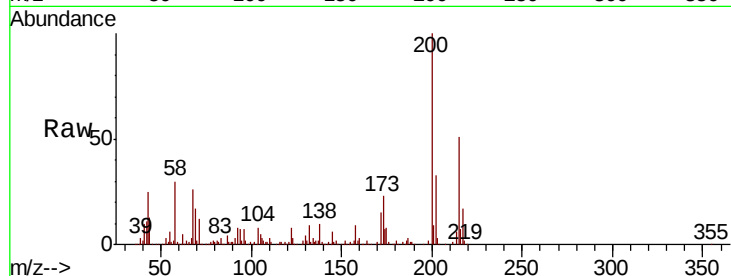
Tot Ion:200 Resp: 211631

Ion Ratio Lower Upper

200 100

173 22.7 3.6 43.6

215 51.2 29.6 69.6

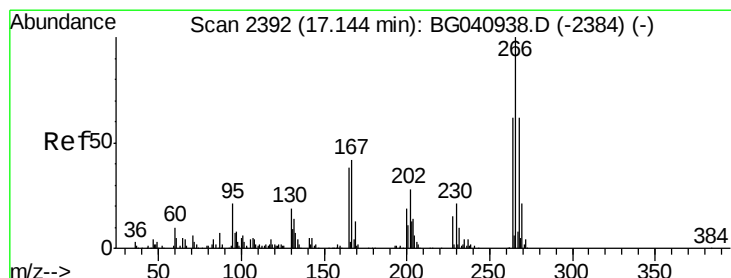
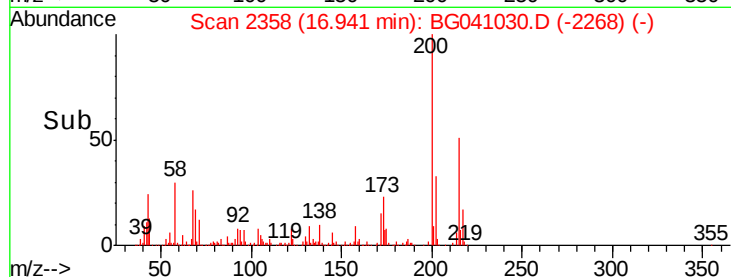
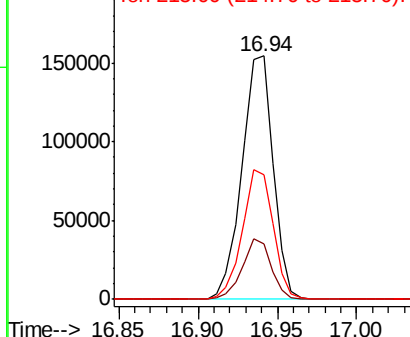


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 90.122 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

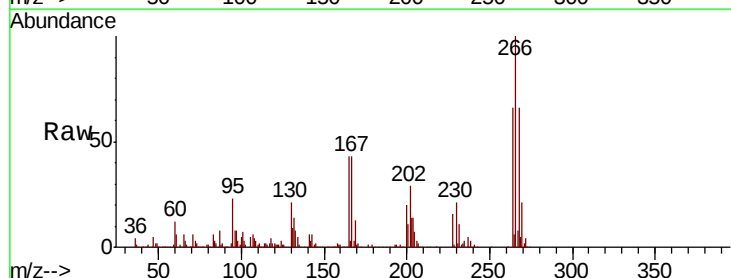
Tgt Ion:266 Resp: 272050

Ion Ratio Lower Upper

266 100

268 65.9 53.1 79.7

264 66.1 49.9 74.9

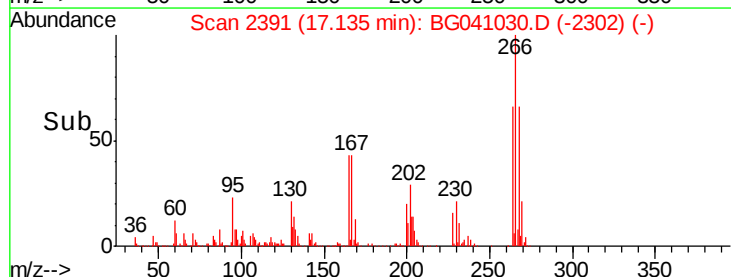
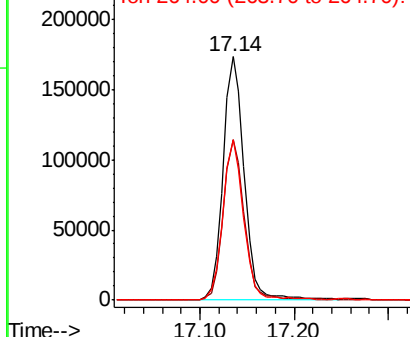


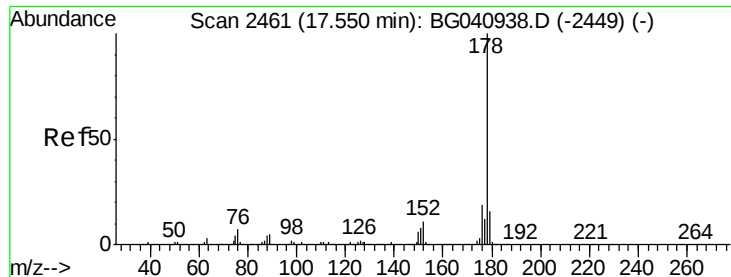
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

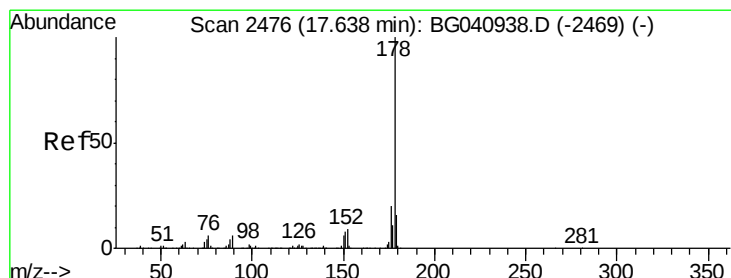
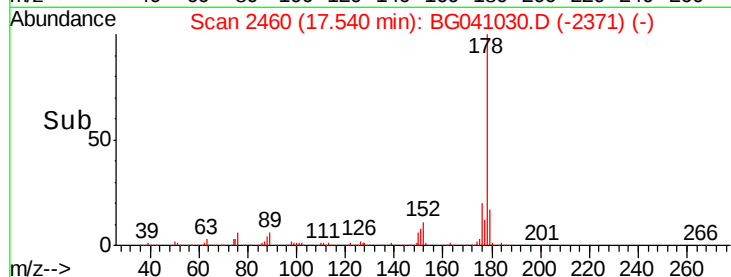
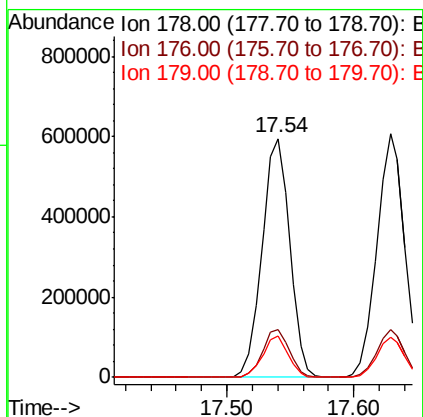
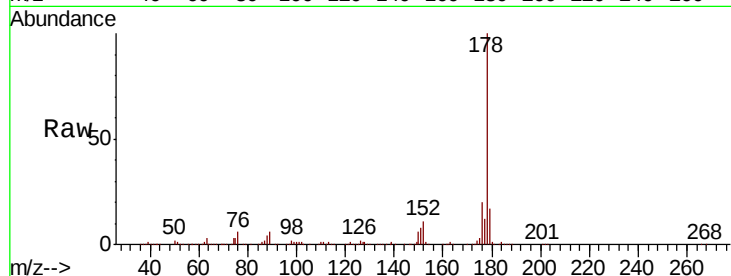




#71
Phenanthrene
Concen: 44.514 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

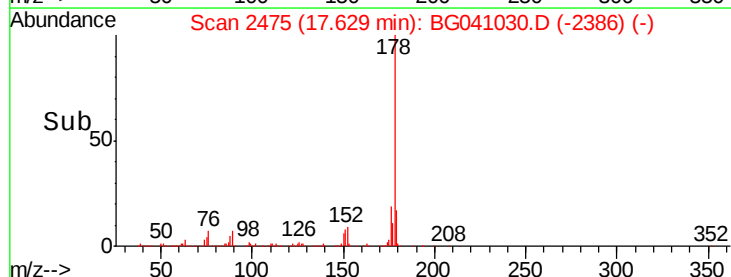
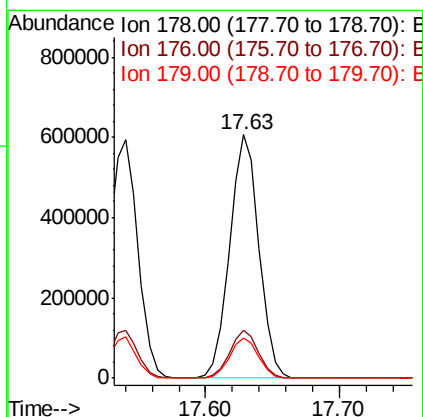
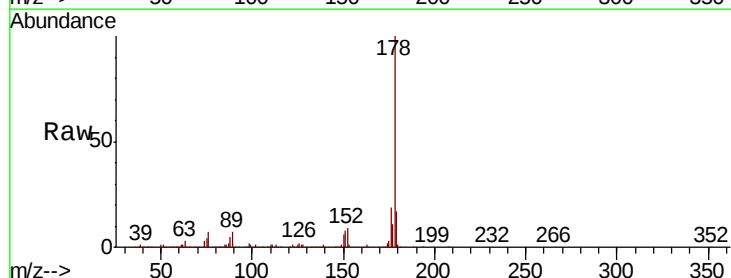
Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

Tot Ion:178 Resp: 903502
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 17.1 12.7 19.1



#72
Anthracene
Concen: 45.981 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion:178 Resp: 920459
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.6 13.0 19.4

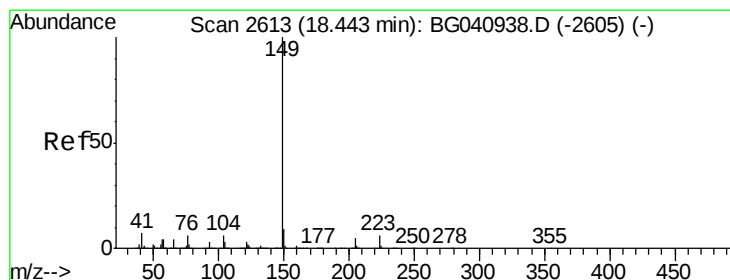
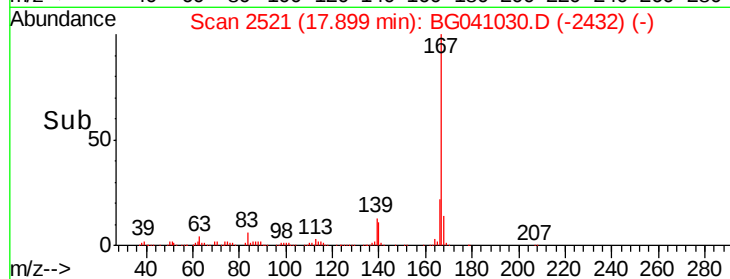
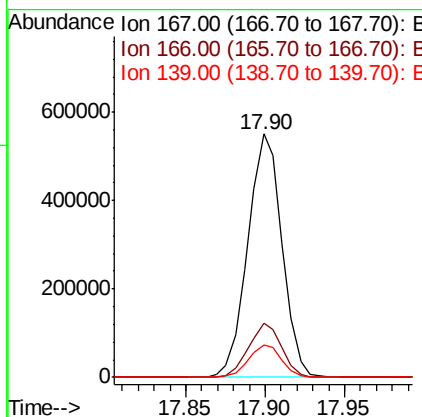
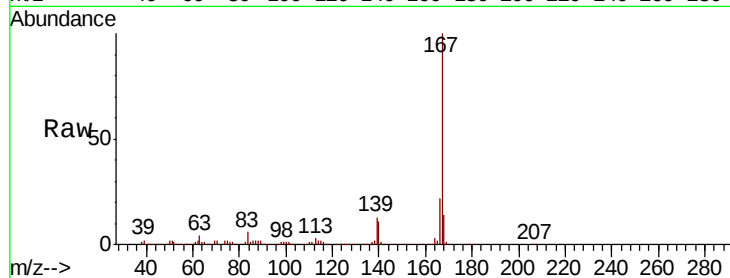




#73
 Carbazole
 Concen: 48.046 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

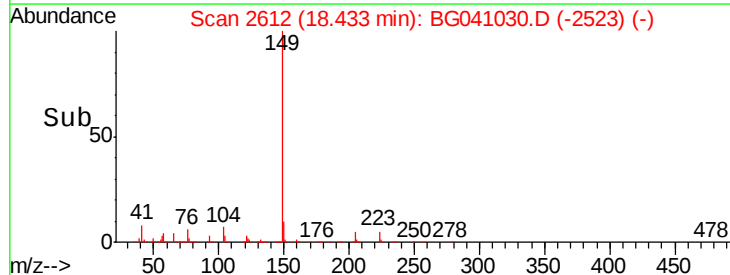
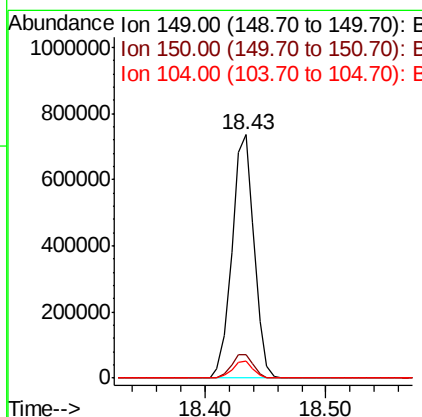
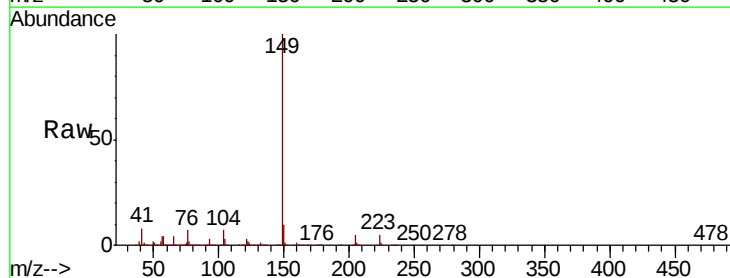
Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MS

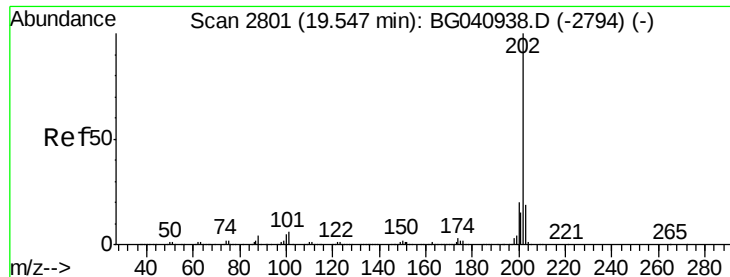
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.4	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 43.682 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 46.063 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

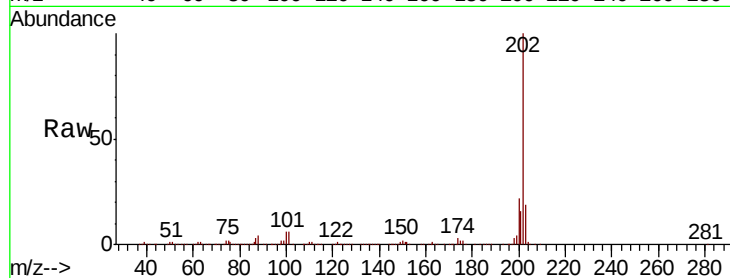
Tot Ion:202 Resp: 1154815

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.2

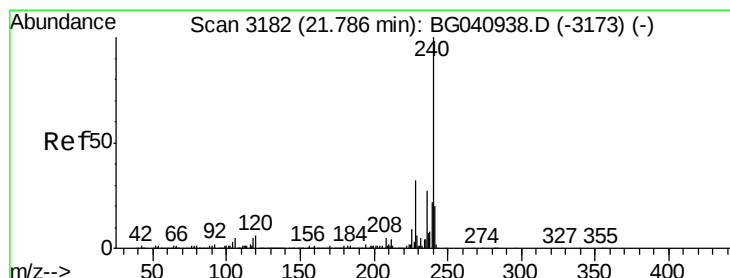
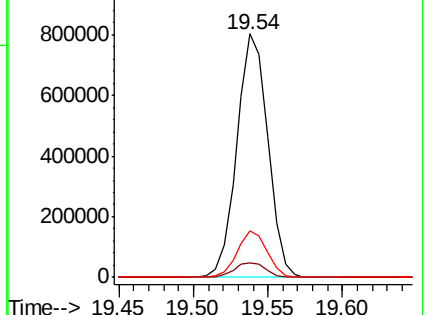
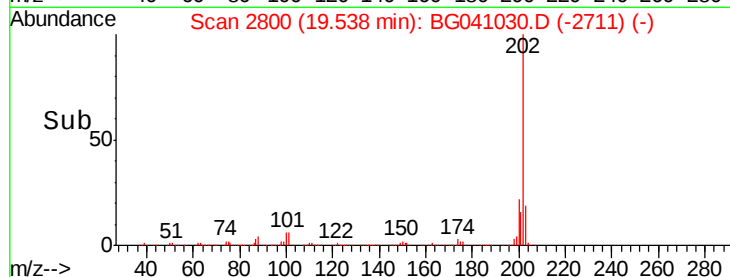
203 19.0 0.0 38.7



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: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

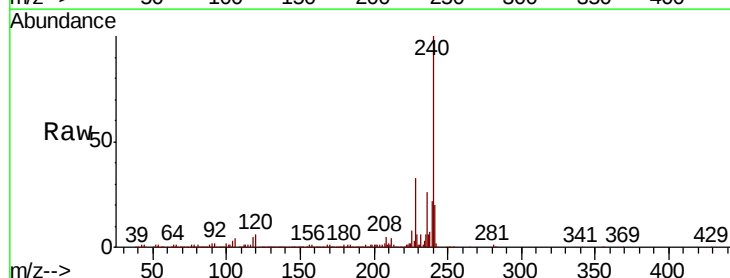
Tgt Ion:240 Resp: 398682

Ion Ratio Lower Upper

240 100

120 5.5 4.5 6.7

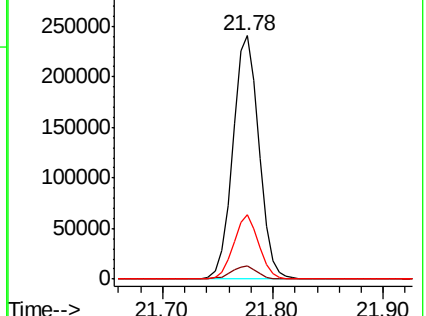
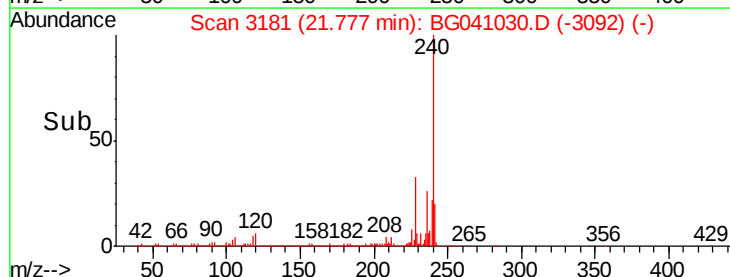
236 26.2 21.3 31.9



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: 14.777 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

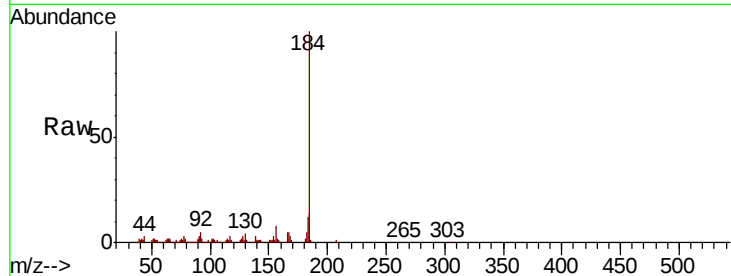
Tot Ion:184 Resp: 140539

Ion Ratio Lower Upper

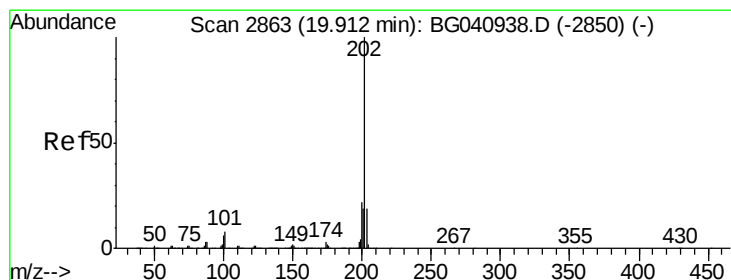
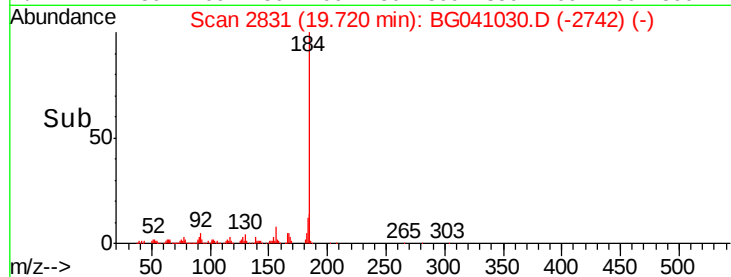
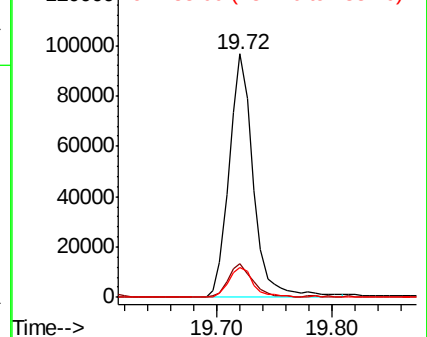
184 100

185 14.1 13.3 19.9

183 12.4 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.948 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

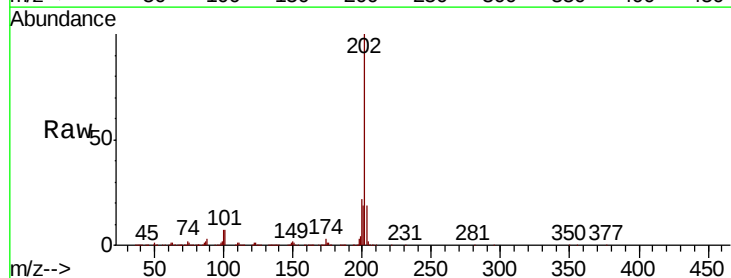
Tgt Ion:202 Resp: 1164905

Ion Ratio Lower Upper

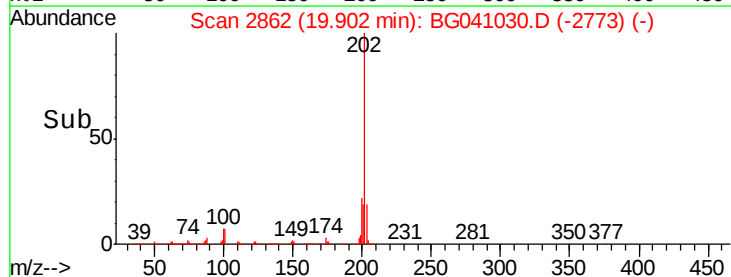
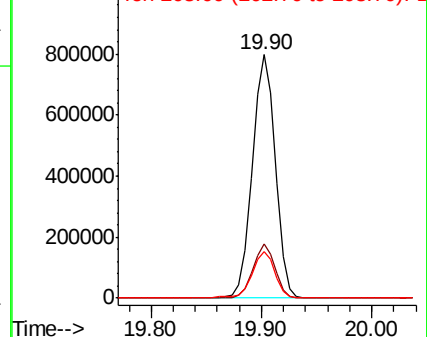
202 100

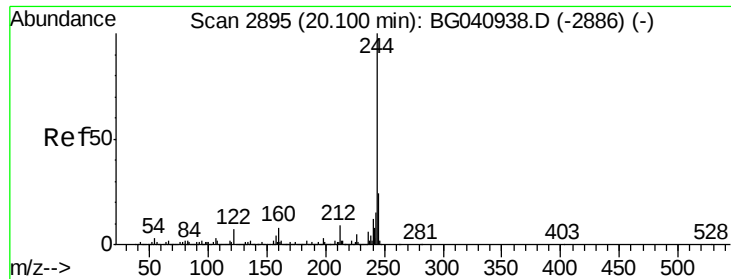
200 22.4 17.5 26.3

203 19.0 15.6 23.4



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: 87.594 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

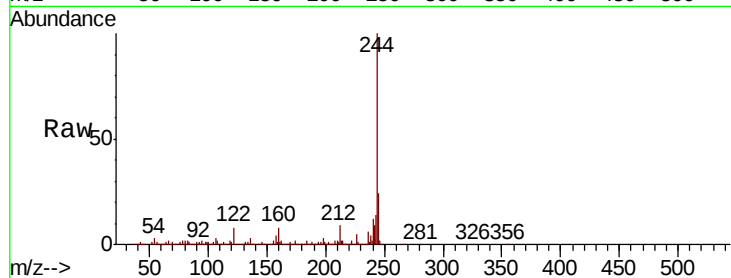
BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:244 Resp: 1645446

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.4
122	7.6	5.4	8.0

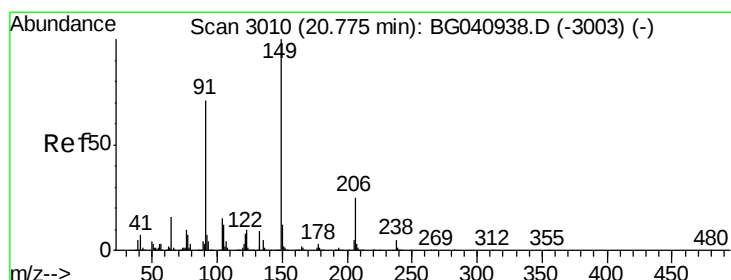
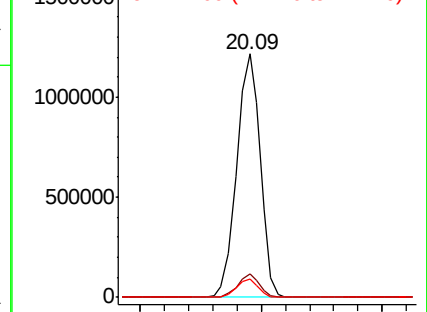
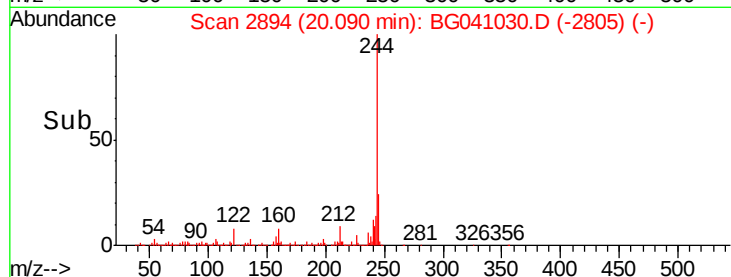


Abundance

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: 44.378 ng

RT: 20.77 min Scan# 3009

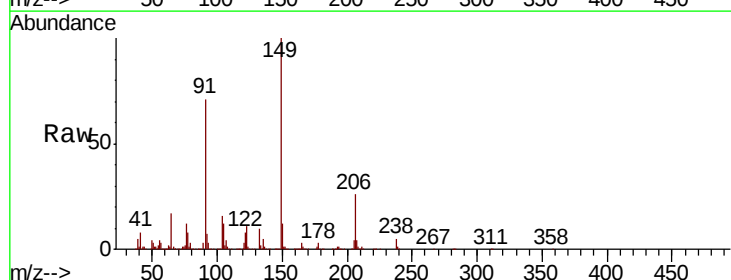
Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:149 Resp: 447584

Ion	Ratio	Lower	Upper
149	100		
91	70.8	56.5	84.7
206	26.3	20.3	30.5

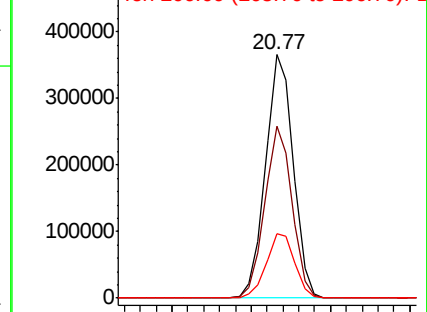
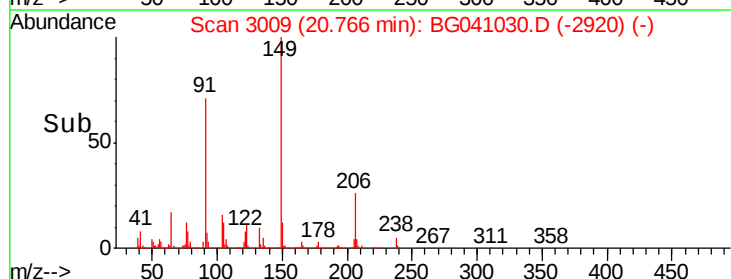


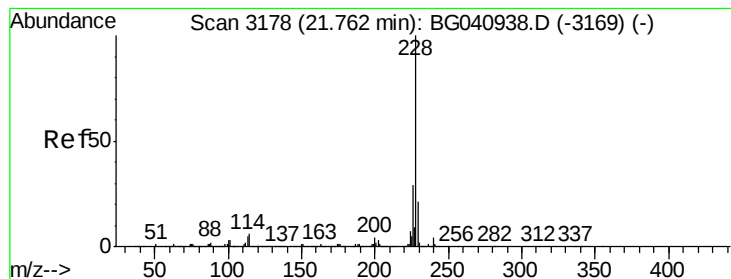
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.938 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

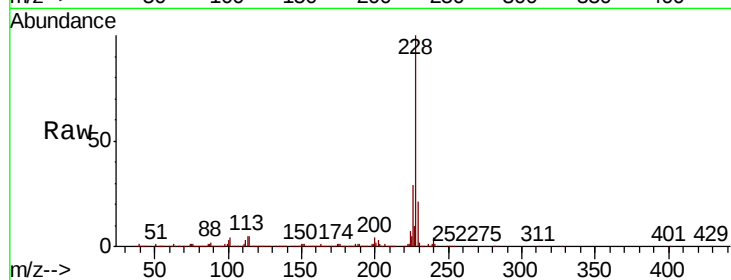
BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:228 Resp: 1139517

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.5	35.3
229	20.9	16.7	25.1

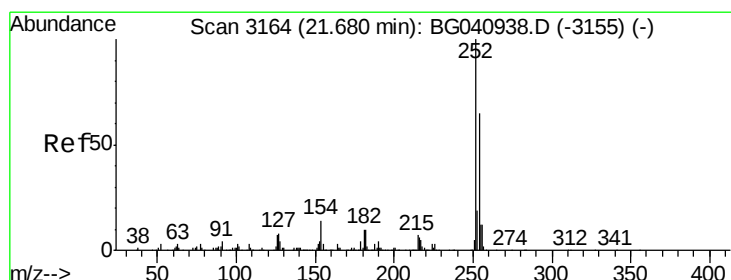
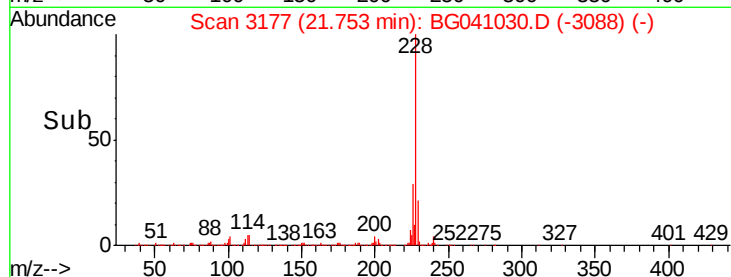
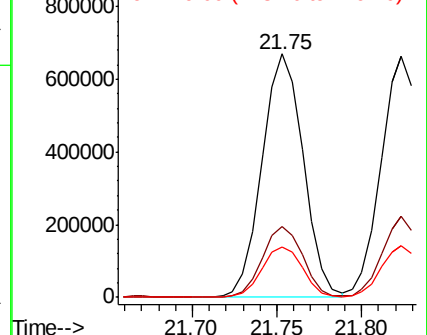


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.059 ng

RT: 21.66 min Scan# 3162

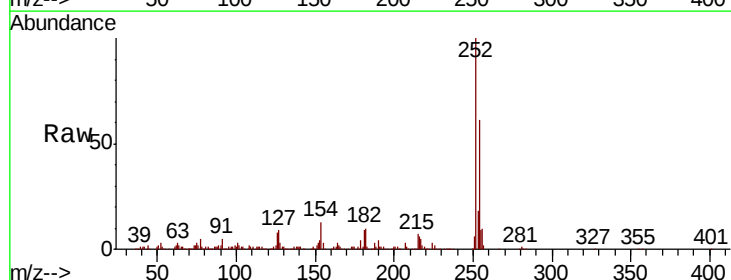
Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:252 Resp: 252574

Ion	Ratio	Lower	Upper
252	100		
254	61.2	52.1	78.1
126	7.5	5.5	8.3

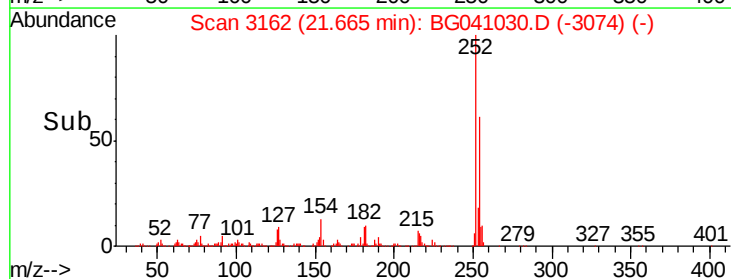
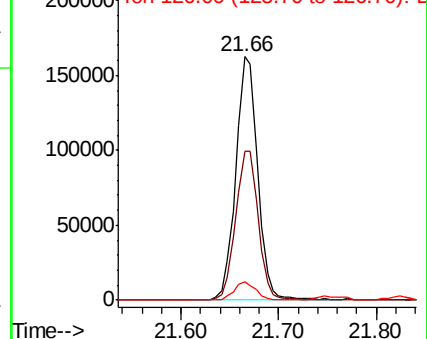


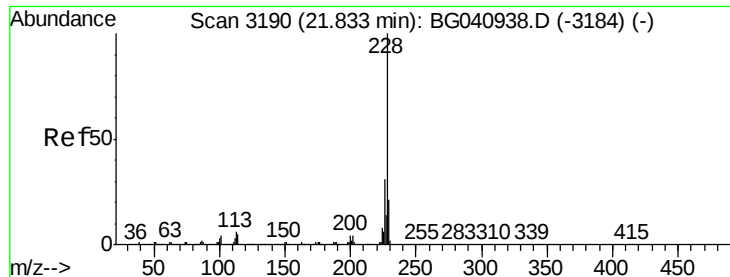
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.632 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

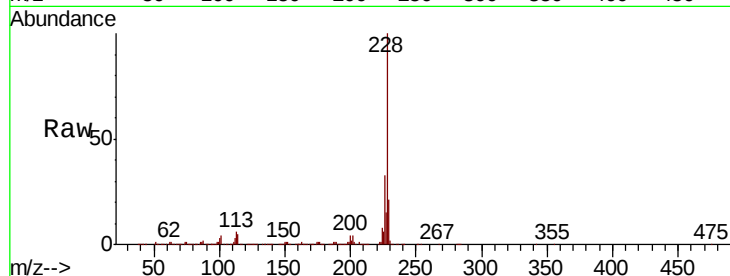
Tot Ion:228 Resp: 1108107

Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.6	37.0
229	21.2	16.6	24.8

228 100

226 33.4 24.6 37.0

229 21.2 16.6 24.8

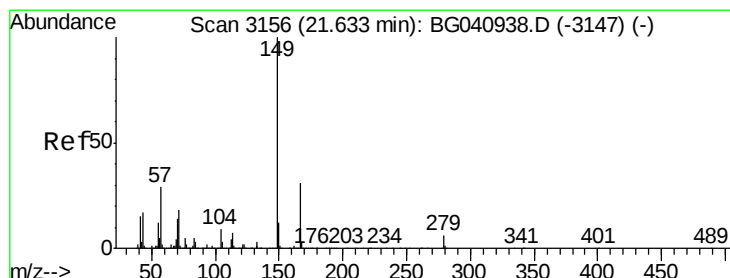
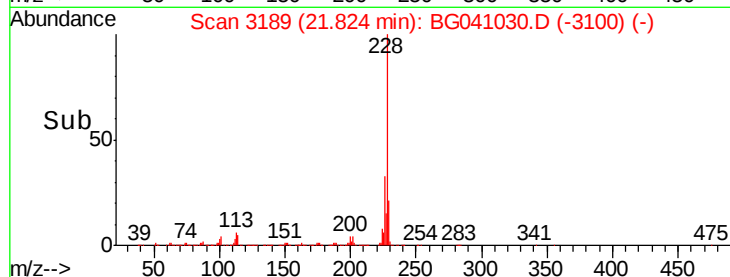
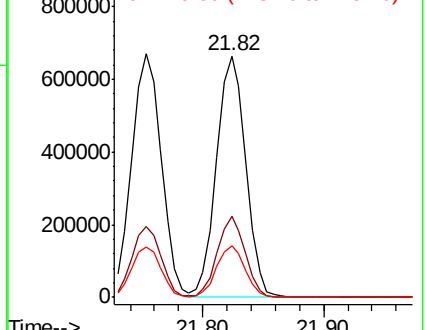


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.579 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

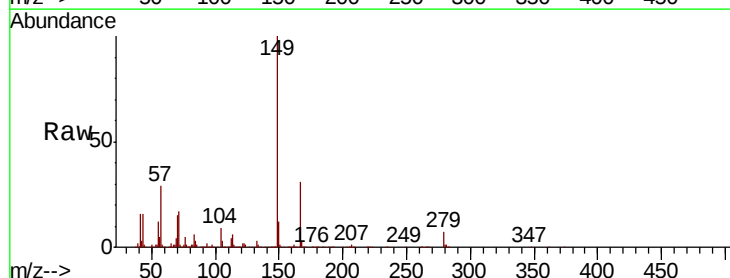
Tgt Ion:149 Resp: 618724

Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.6	37.0
279	6.6	5.0	7.6

149 100

167 30.9 24.6 37.0

279 6.6 5.0 7.6

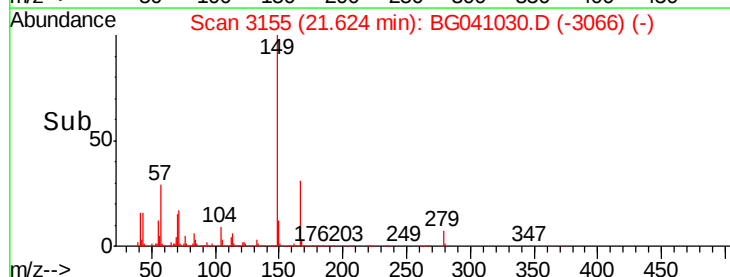
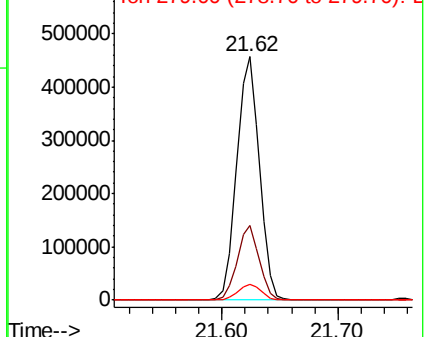


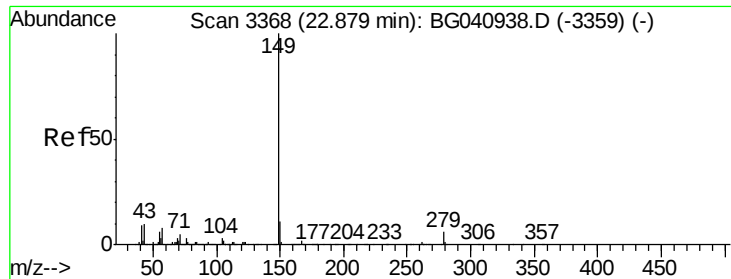
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.345 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

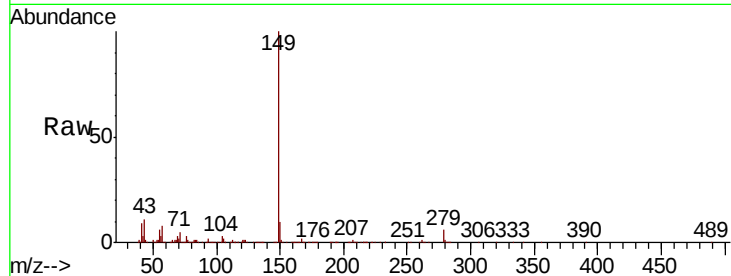
Tot Ion:149 Resp: 1048586

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

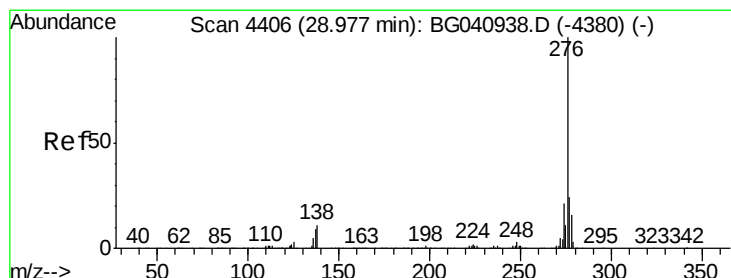
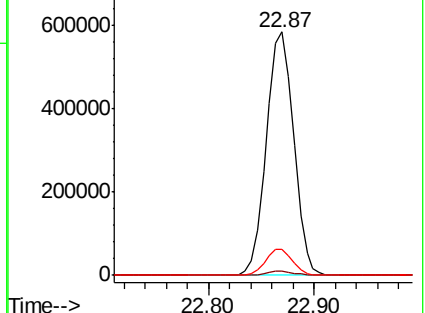
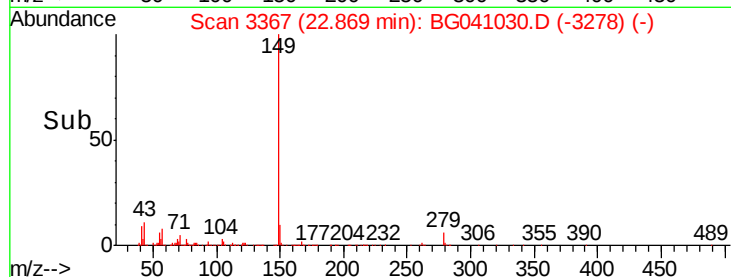
43 10.4 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.753 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.03 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

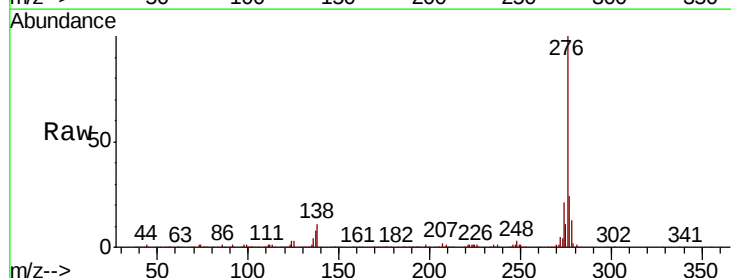
Tgt Ion:276 Resp: 1361172

Ion Ratio Lower Upper

276 100

138 9.7 5.7 8.5#

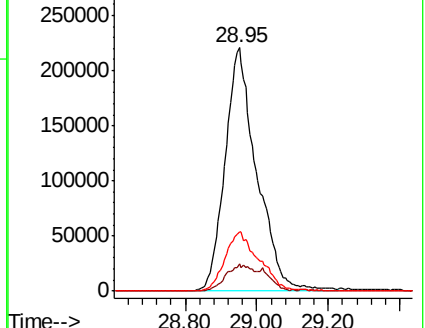
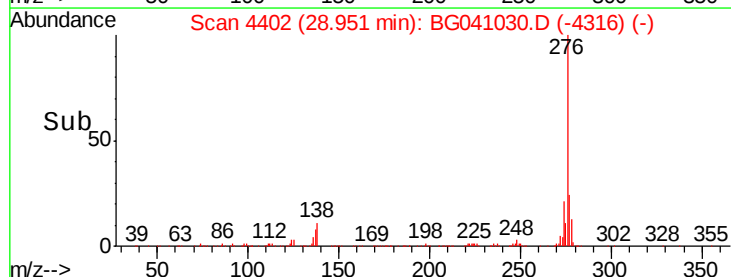
277 26.0 20.8 31.2

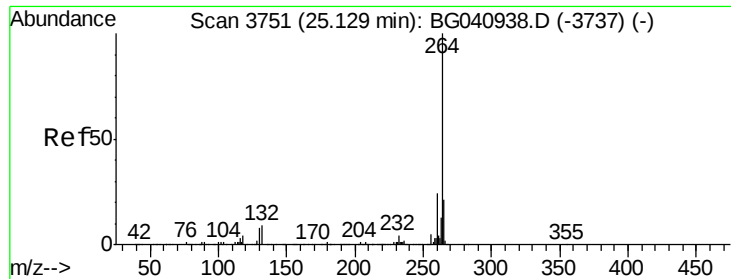


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

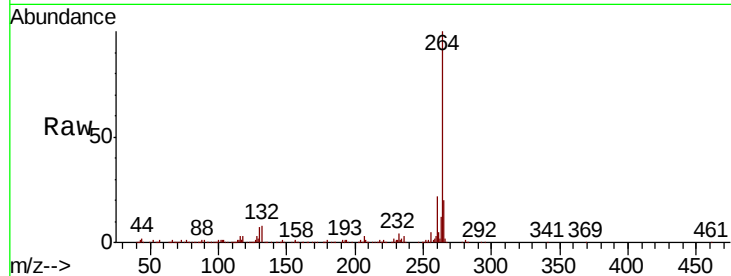
Tot Ion:264 Resp: 421927

Ion Ratio Lower Upper

264 100

260 22.0 19.0 28.4

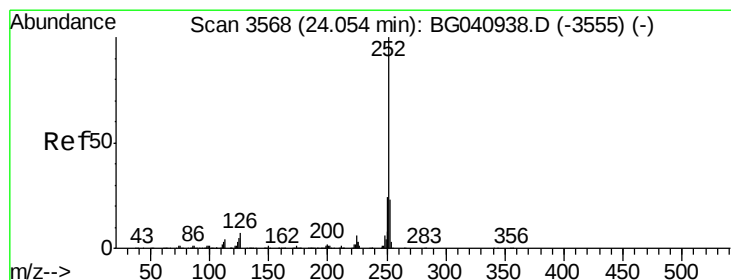
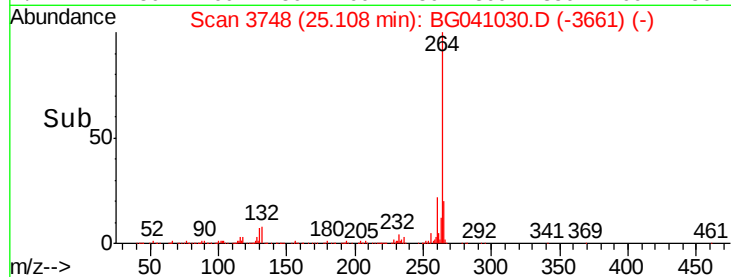
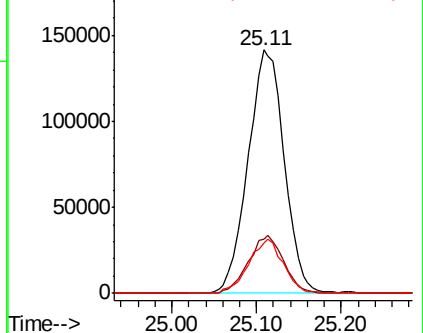
265 20.5 17.0 25.4



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: 45.277 ng

RT: 24.04 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

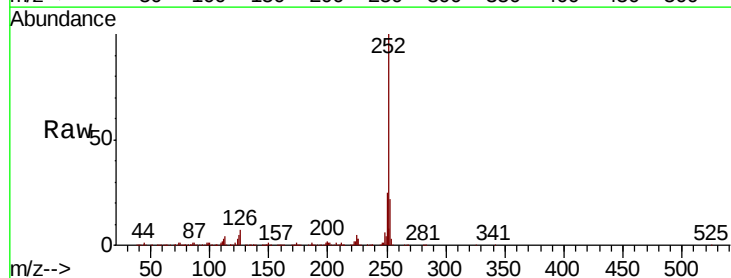
Tgt Ion:252 Resp: 1158698

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

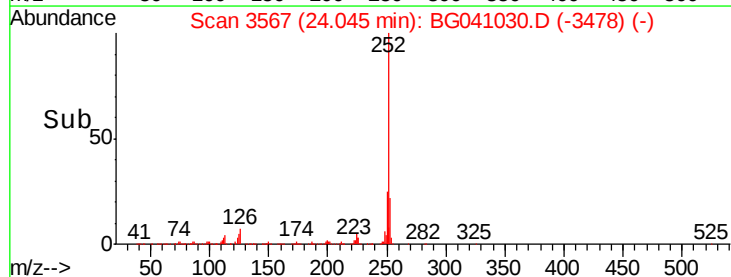
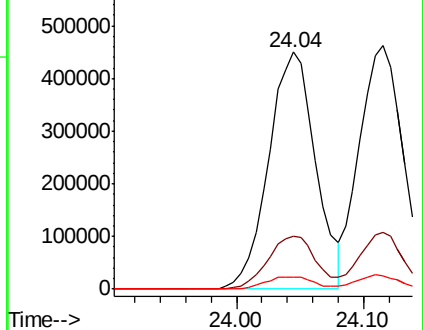
125 4.9 4.3 6.5

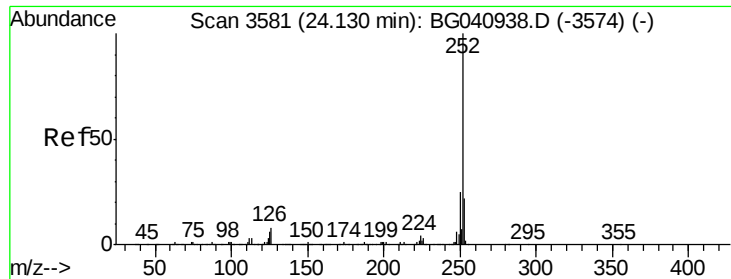


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

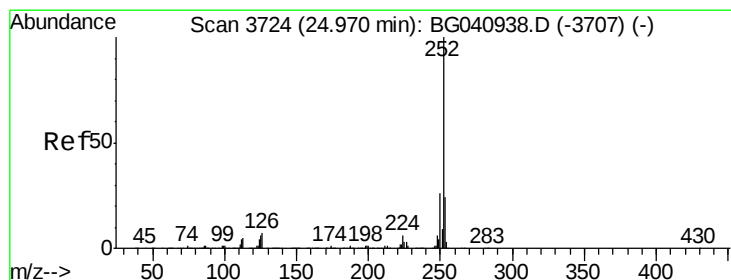
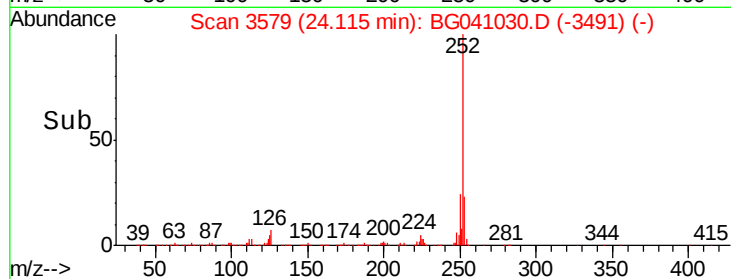
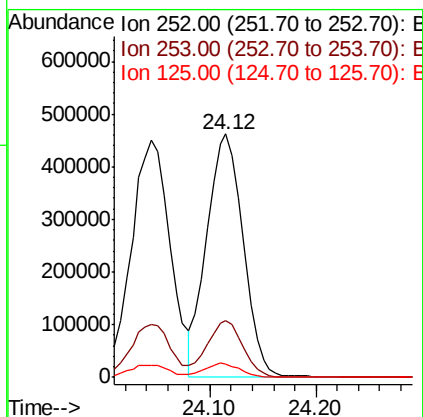
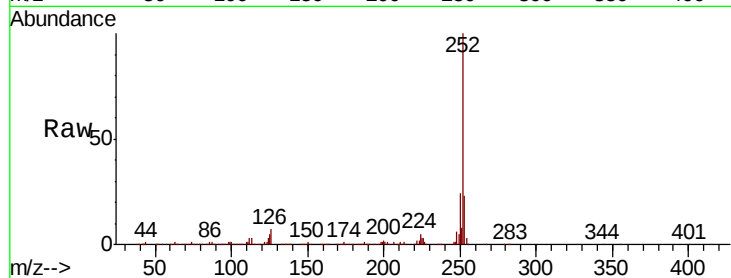




#89
Benzo(k)fluoranthene
Concen: 43.688 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.02 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

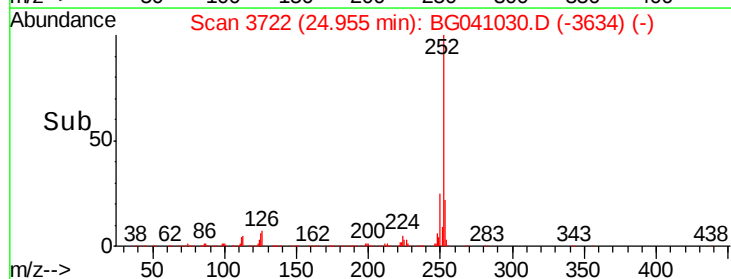
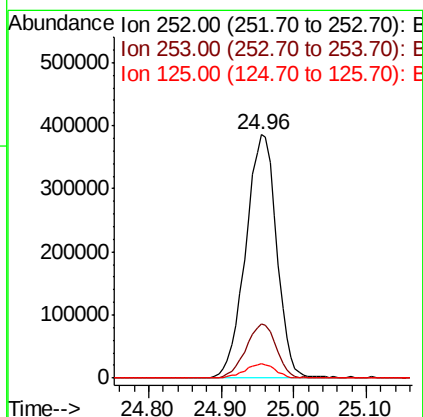
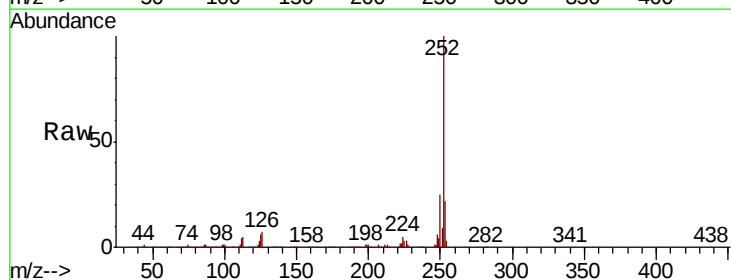
Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MS

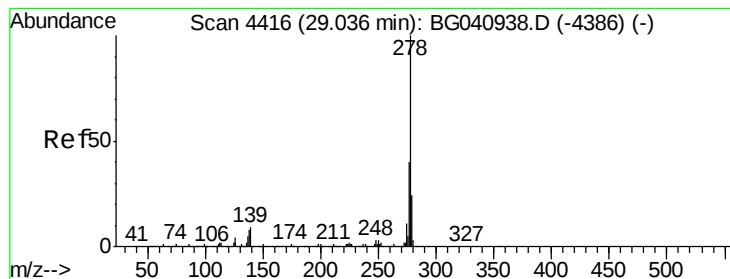
Tot Ion:252 Resp: 1106382
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 5.5 4.7 7.1



#90
Benzo(a)pyrene
Concen: 46.888 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.02 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion:252 Resp: 1144806
Ion Ratio Lower Upper
252 100
253 22.2 19.5 29.3
125 5.9 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 45.501 ng

RT: 29.02 min Scan# 4414

Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

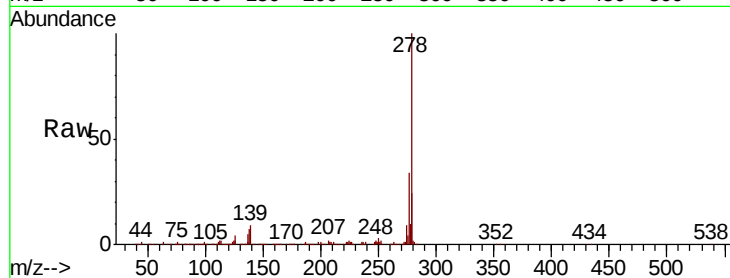
BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:278 Resp: 1110067

Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.1	10.7
279	23.9	19.4	29.2

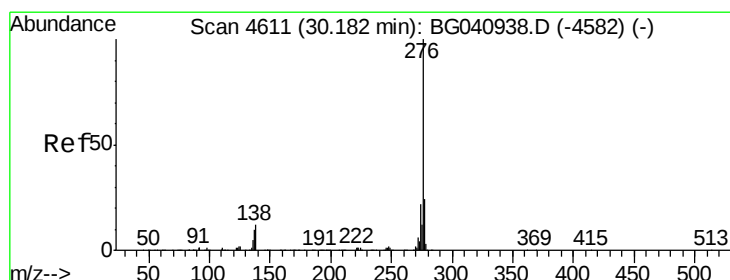
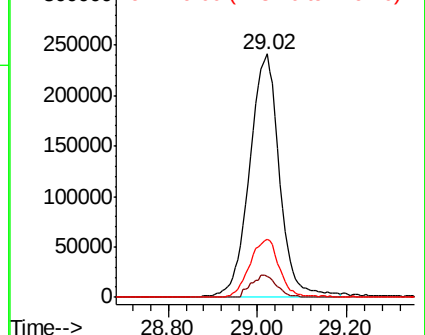
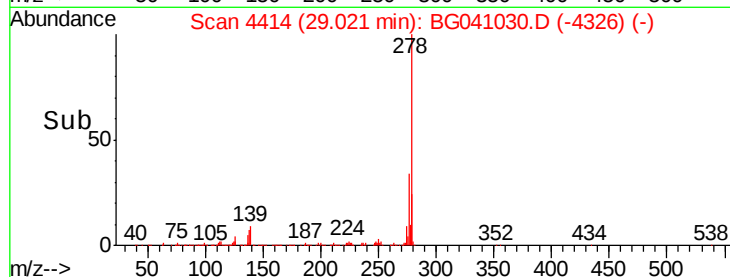


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.347 ng

RT: 30.16 min Scan# 4608

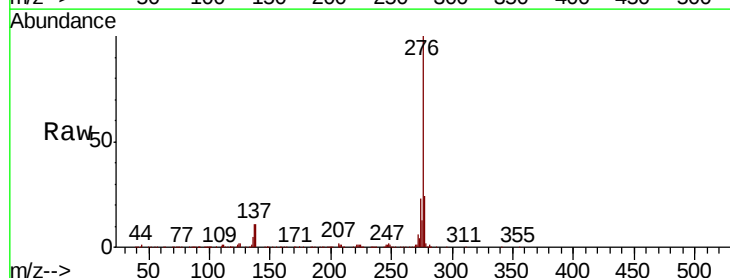
Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:276 Resp: 1098508

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	10.9	9.7	14.5



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

