

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
 Data File : BG041062.D
 Acq On : 4 Jun 2019 17:36
 Operator : HP/JU
 Sample : K3076-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-08(6.5-7)

Quant Time: Jun 05 05:41:11 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

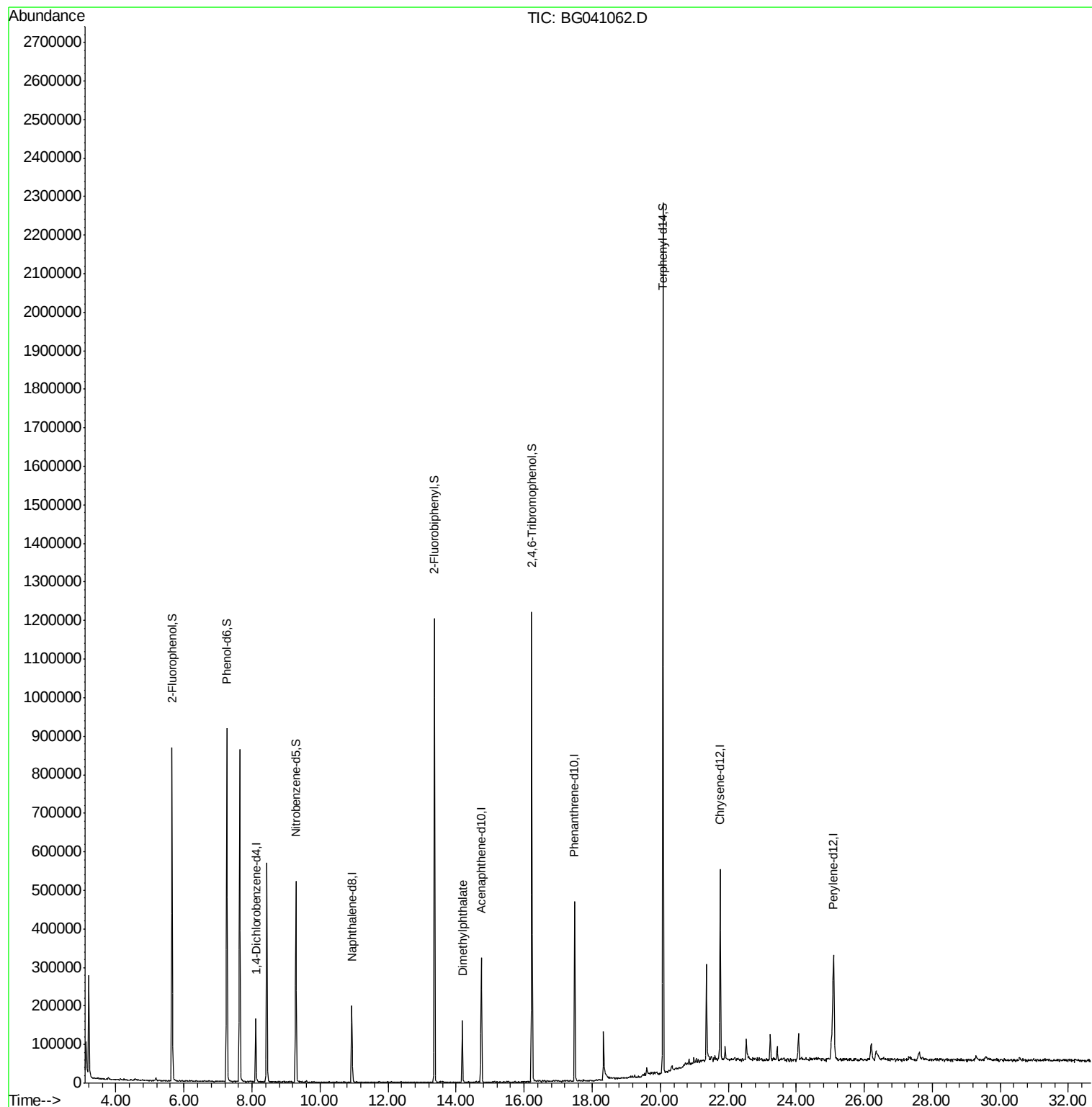
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	42905	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	159788	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	114216	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	294305	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	297884	20.00	ng	-0.03
87) Perylene-d12	25.09	264	323511	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	329450	138.46	ng	0.00
7) Phenol-d6	7.26	99	480244	130.69	ng	0.00
23) Nitrobenzene-d5	9.29	82	319796	88.85	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	239296	141.13	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	599087	75.54	ng	-0.02
79) Terphenyl-d14	20.08	244	1086078	77.38	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.18	163	107870	11.157	ng	Qvalue 97

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

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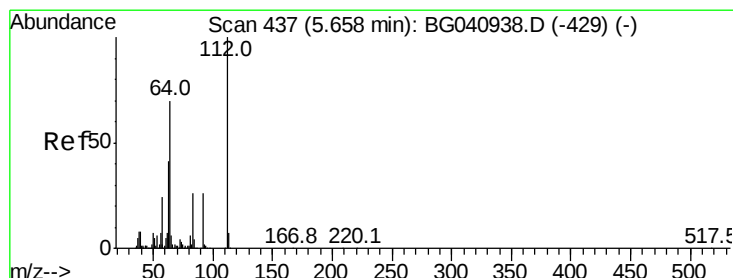
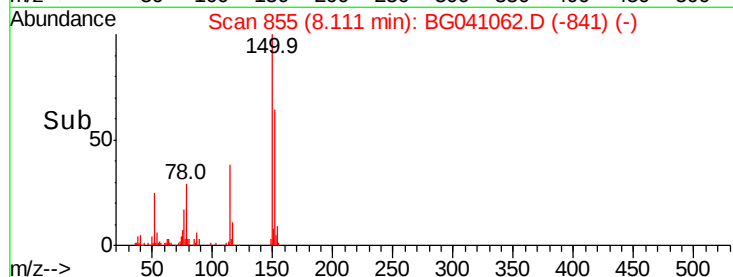
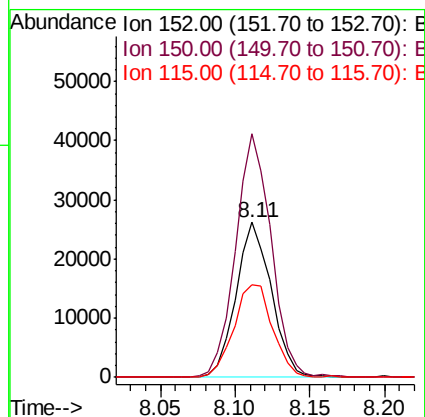
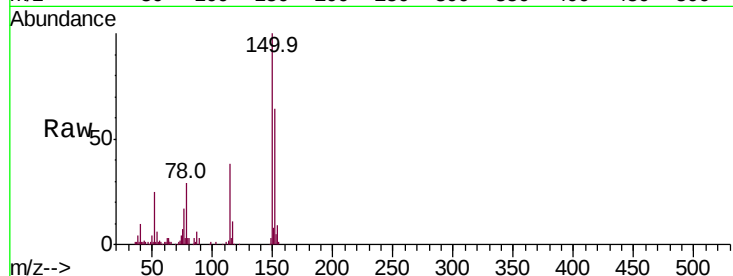


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041062.D
Acq: 4 Jun 2019 17:36

Instrument :
BNA_G
ClientSampleId :
FESB-08(6.5-7)

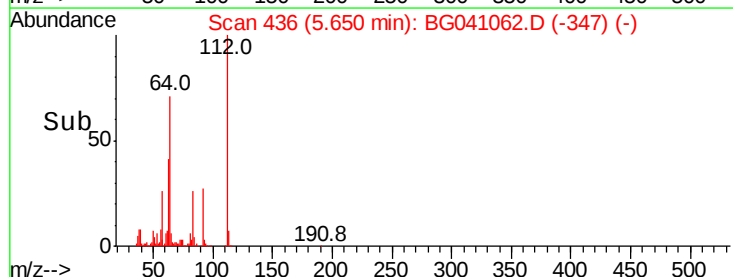
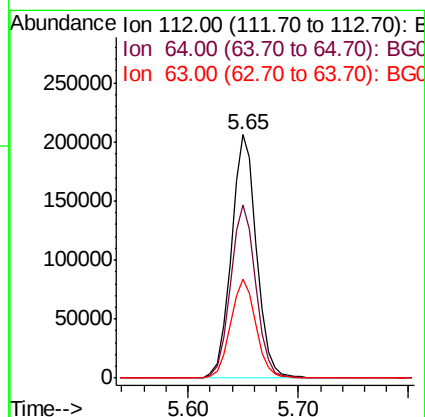
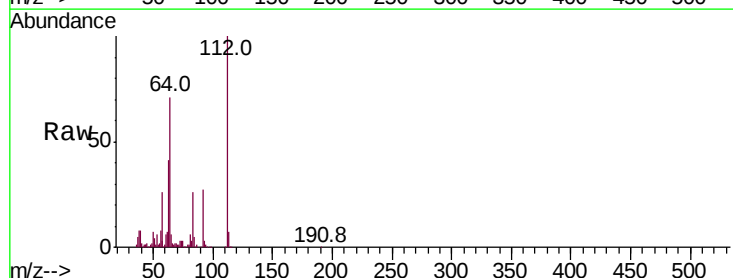
Tot Ion:152 Resp: 42905
Ion Ratio Lower Upper
152 100
150 157.2 120.6 180.8
115 59.8 45.1 67.7

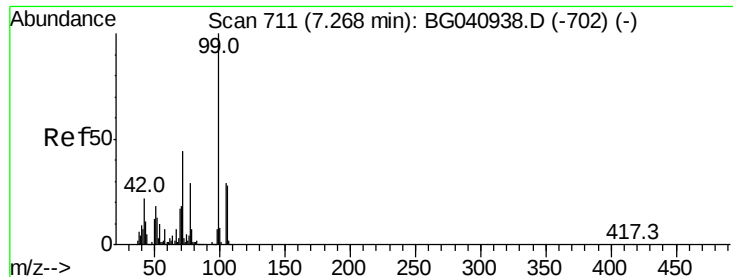


#5

2-Fluorophenol
Concen: 138.461 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG041062.D
Acq: 4 Jun 2019 17:36

Tgt Ion:112 Resp: 329450
Ion Ratio Lower Upper
112 100
64 71.4 56.2 84.2
63 40.7 32.8 49.2





#7

Phenol-d6

Concen: 130.690 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041062.D

Acq: 4 Jun 2019 17:36

Instrument :

BNA_G

ClientSampleId :

FESB-08(6.5-7)

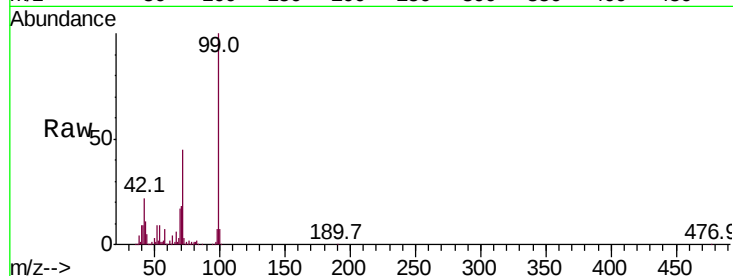
Tot Ion: 99 Resp: 480244

Ion Ratio Lower Upper

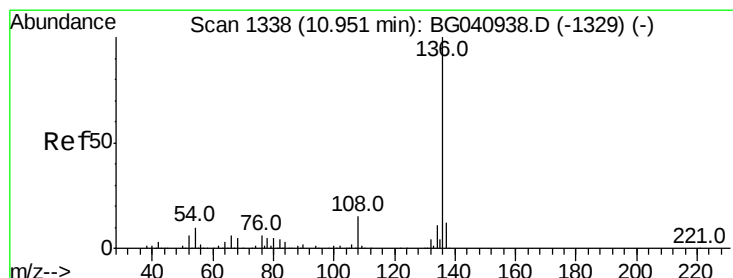
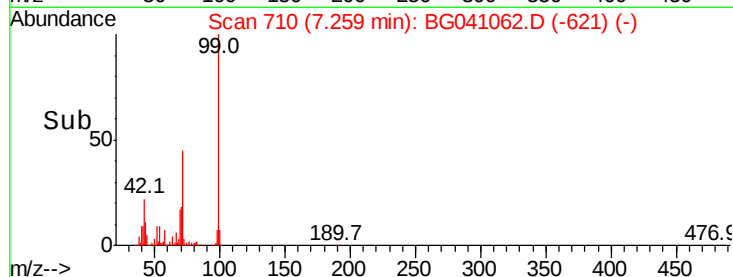
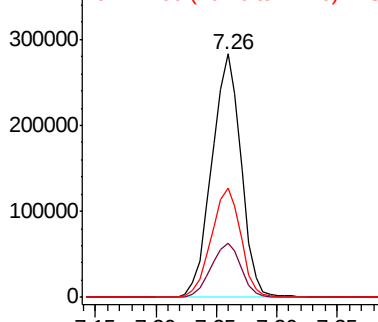
99 100

42 22.4 17.9 26.9

71 45.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BG041062.D

Acq: 4 Jun 2019 17:36

Tgt Ion: 136 Resp: 159788

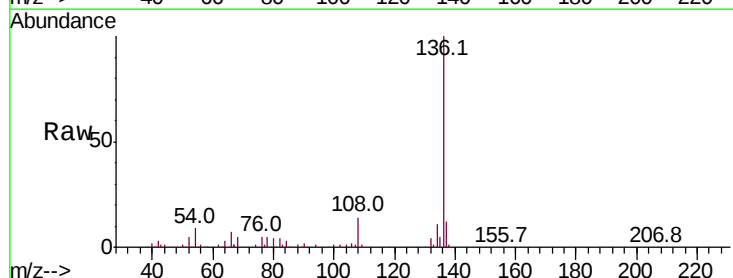
Ion Ratio Lower Upper

136 100

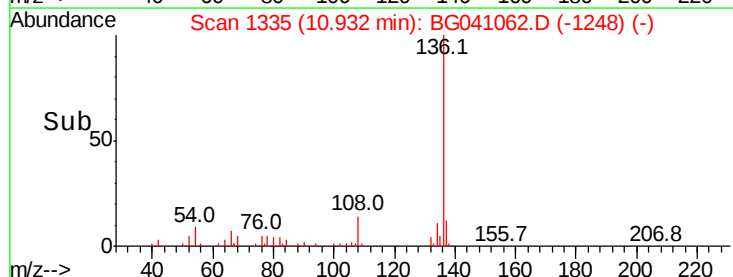
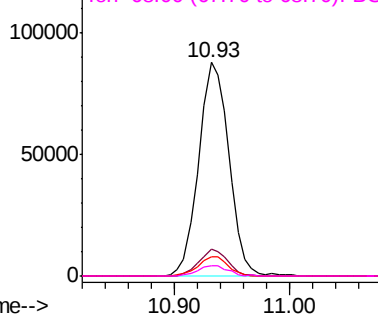
137 12.4 9.5 14.3

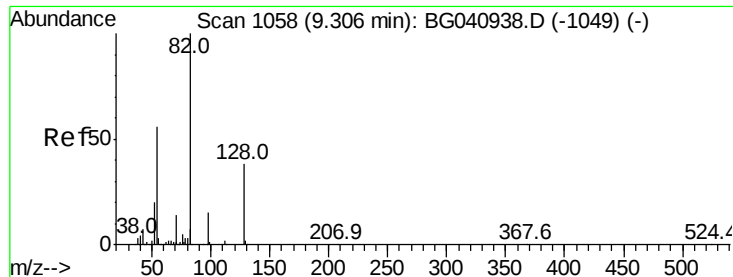
54 9.1 7.6 11.4

68 4.7 3.9 5.9



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

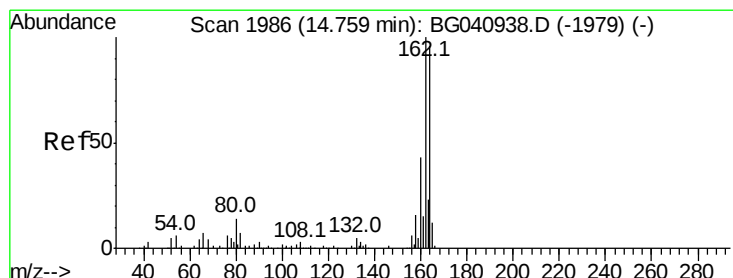
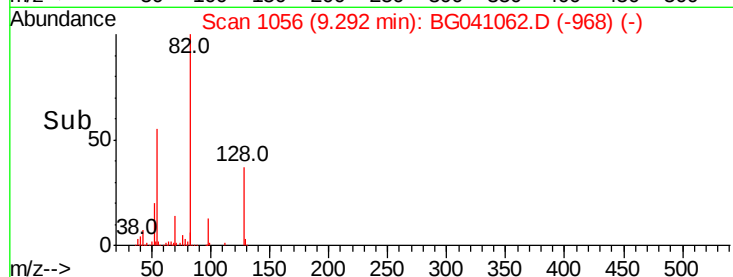
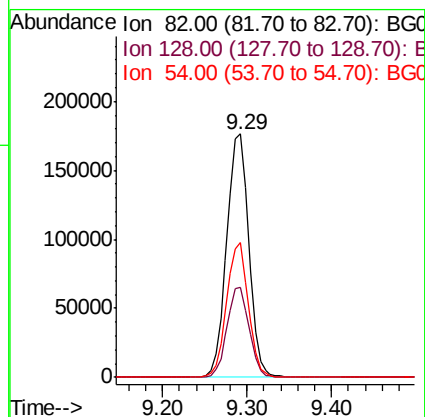
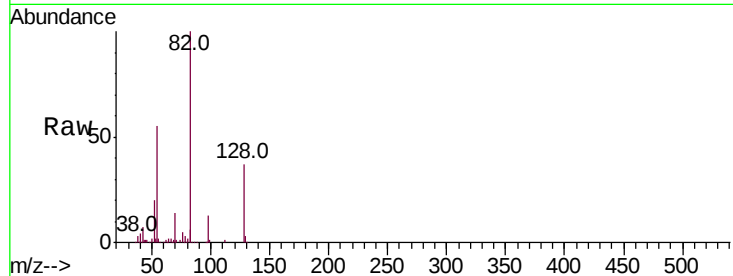




#23
Nitrobenzene-d5
Concen: 88.848 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041062.D
Acq: 4 Jun 2019 17:36

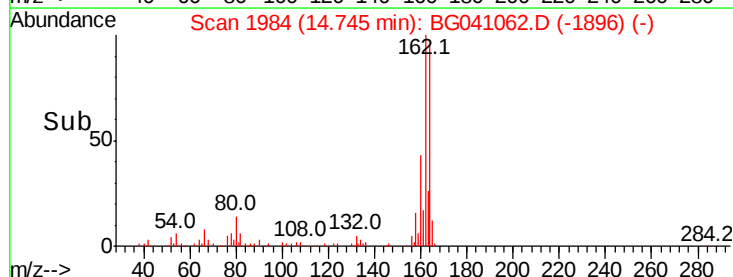
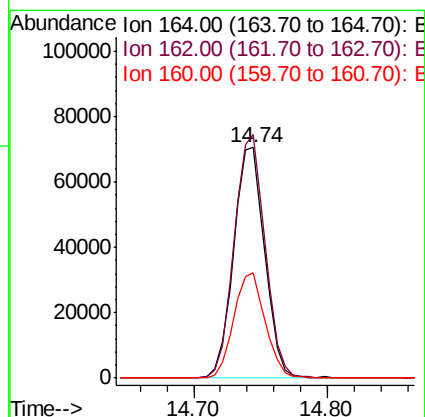
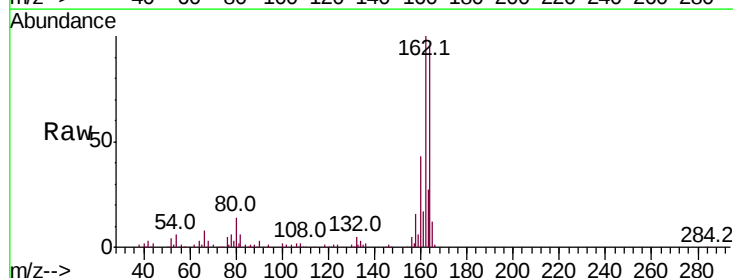
Instrument :
BNA_G
ClientSampleId :
FESB-08(6.5-7)

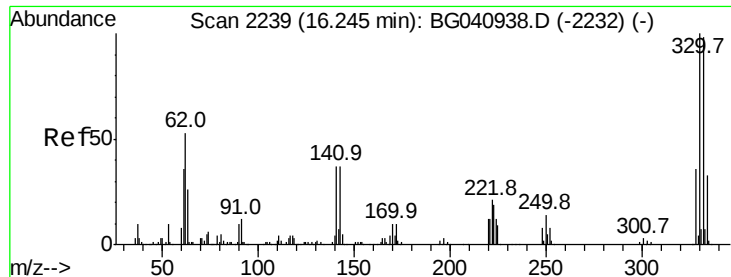
Tot Ion	82	Resp	319796
Ion Ratio	Lower	Upper	
82	100		
128	37.0	30.5	45.7
54	55.4	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG041062.D
Acq: 4 Jun 2019 17:36

Tgt Ion	164	Resp	114216
Ion Ratio	Lower	Upper	
164	100		
162	105.6	83.0	124.4
160	46.0	35.6	53.4

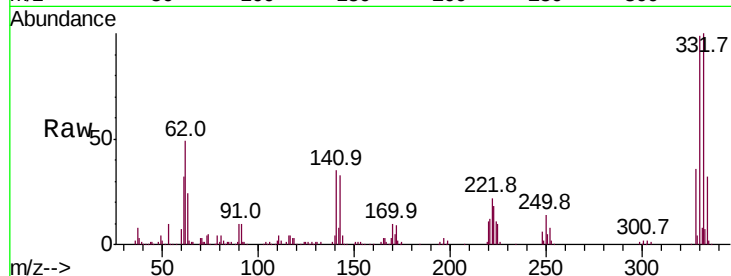




#42
 2,4,6-Tribromophenol
 Concen: 141.126 ng
 RT: 16.23 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BG041062.D
 Acq: 4 Jun 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :
 FESB-08(6.5-7)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.5	117.7
141	34.9	28.7	43.1

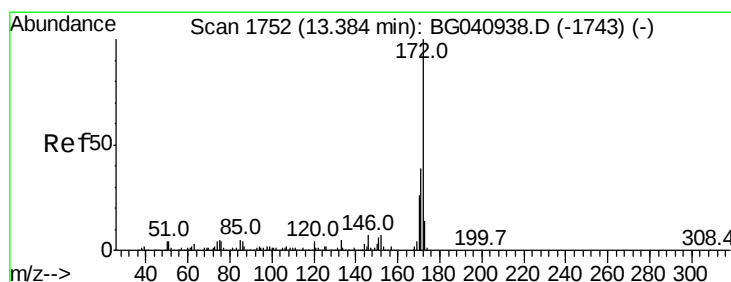
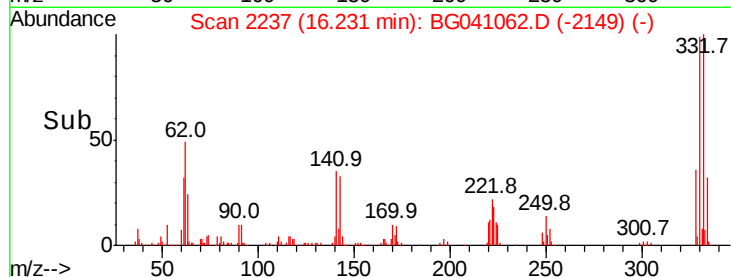
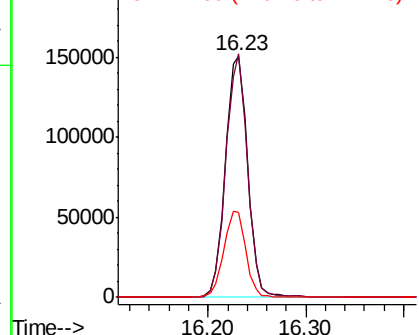


Abundance

Ion 329.80 (329.50 to 330.50): E

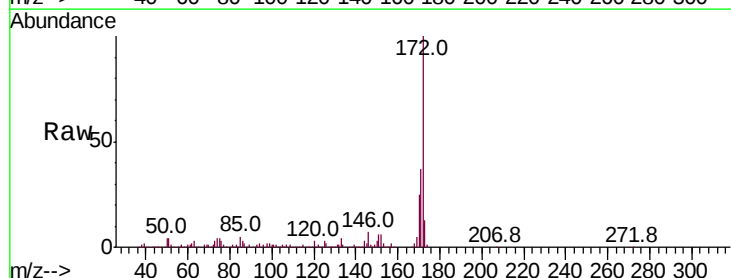
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.537 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG041062.D
 Acq: 4 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.1	46.7
170	25.1	20.5	30.7

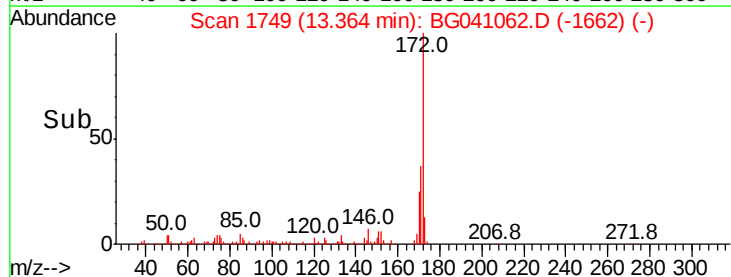
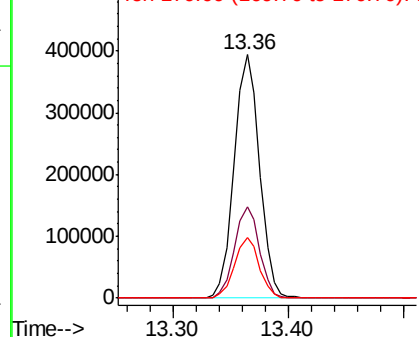


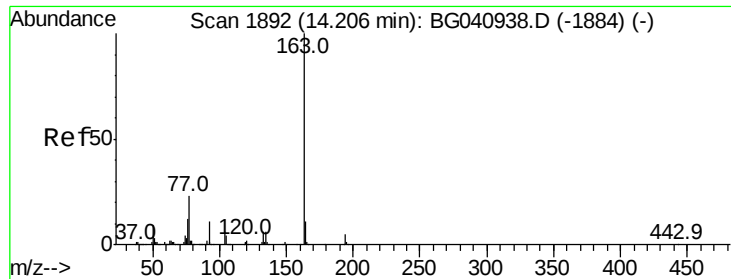
Abundance

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





#50

Dimethylphthalate

Concen: 11.157 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.03 min

Lab File: BG041062.D

Acq: 4 Jun 2019 17:36

Instrument :

BNA_G

ClientSampleId :

FESB-08(6.5-7)

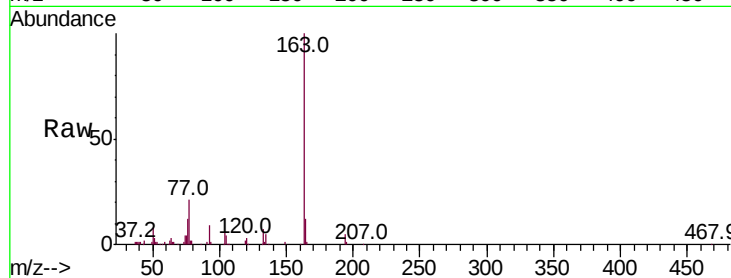
Tot Ion:163 Resp: 107870

Ion Ratio Lower Upper

163 100

194 5.4 3.8 5.8

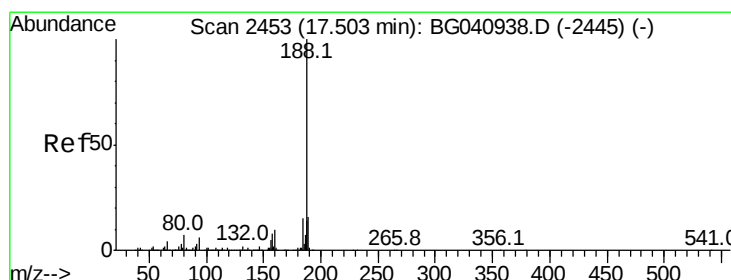
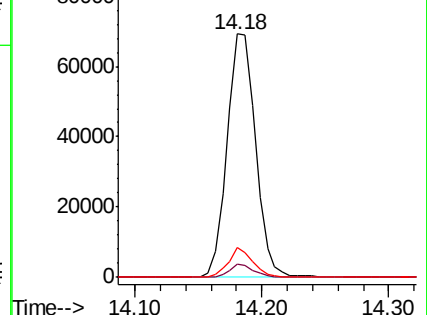
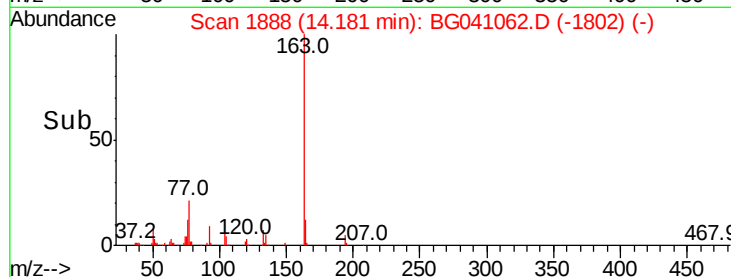
164 12.1 8.7 13.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041062.D

Acq: 4 Jun 2019 17:36

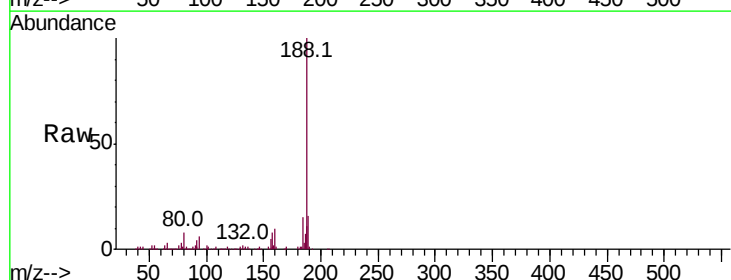
Tgt Ion:188 Resp: 294305

Ion Ratio Lower Upper

188 100

94 6.4 4.7 7.1

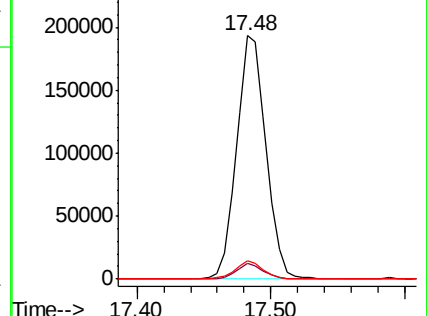
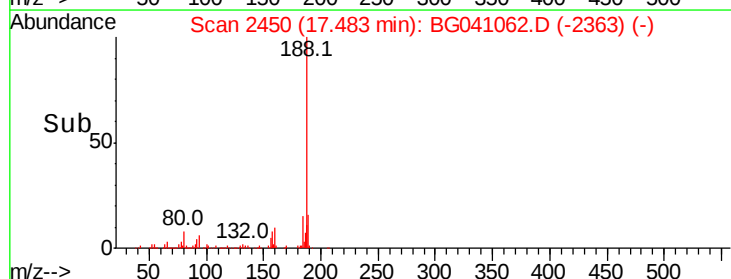
80 7.7 5.8 8.8

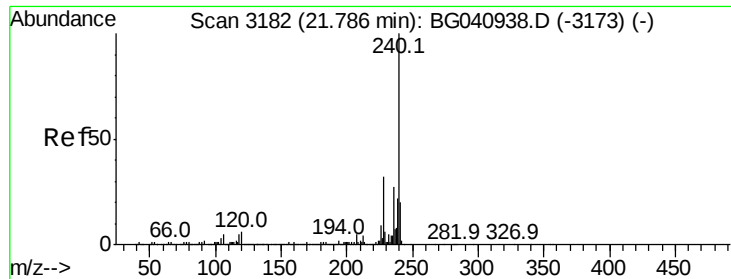


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

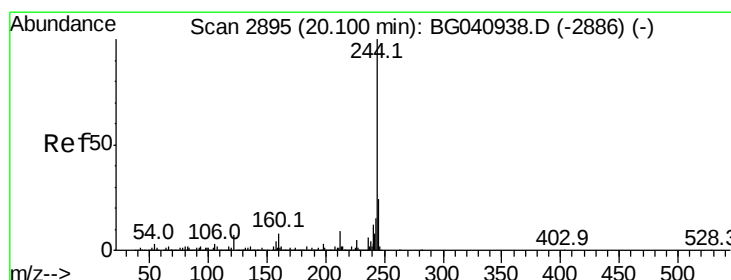
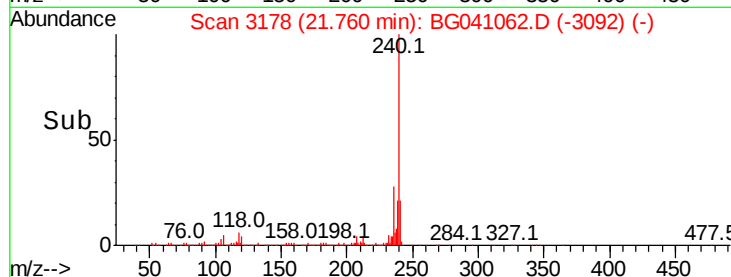
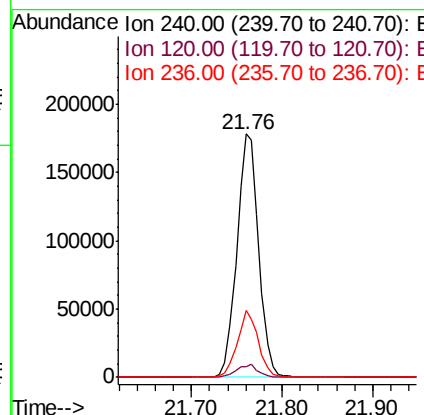
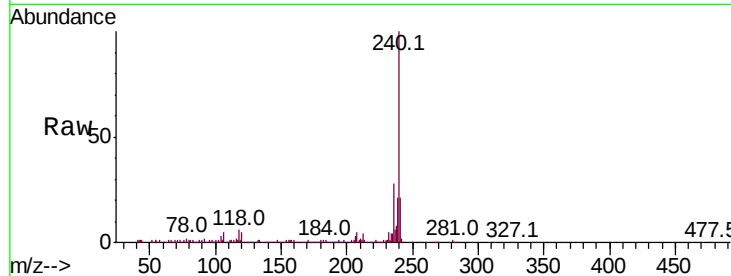




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.03 min
 Lab File: BG041062.D
 Acq: 4 Jun 2019 17:36

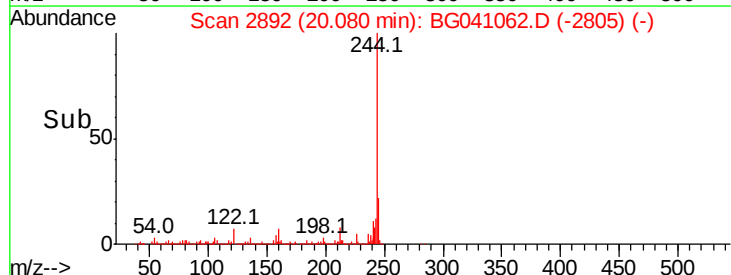
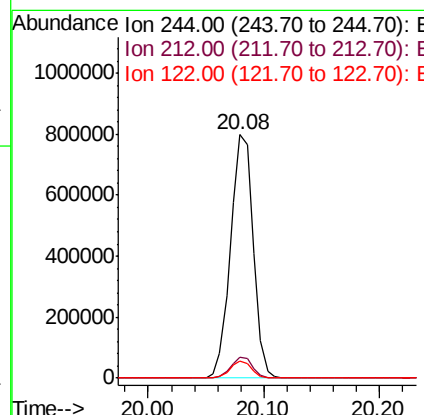
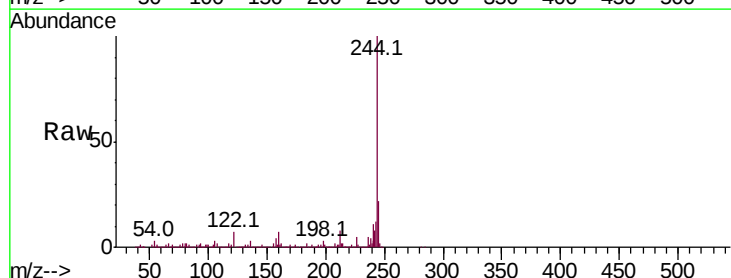
Instrument :
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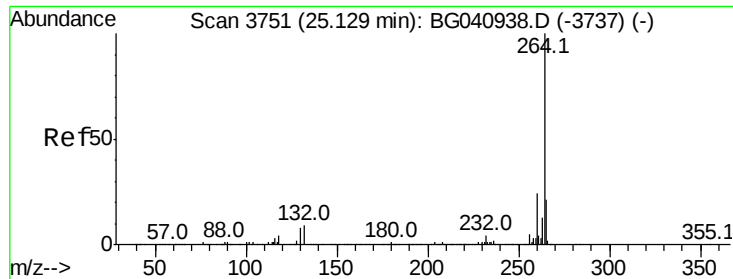
Tot Ion:240 Resp: 297884
 Ion Ratio Lower Upper
 240 100
 120 4.6 4.5 6.7
 236 27.7 21.3 31.9



#79
 Terphenyl-d14
 Concen: 77.380 ng
 RT: 20.08 min Scan# 2892
 Delta R.T. -0.02 min
 Lab File: BG041062.D
 Acq: 4 Jun 2019 17:36

Tgt Ion:244 Resp: 1086078
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.0 10.4
 122 7.0 5.4 8.0





#87

Pervlone-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3745

Delta R.T. -0.04 min

Lab File: BG041062.D

Acq: 4 Jun 2019 17:36

Instrument :

BNA_G

ClientSampleId :

FESB-08(6.5-7)

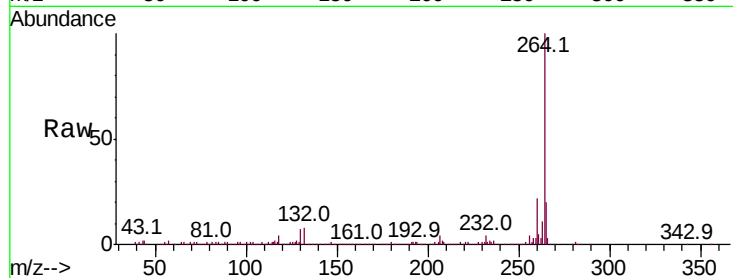
Tot Ion:264 Resp: 323511

Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.4

265 20.2 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

