

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041028.D
 Acq On : 3 Jun 2019 11:11
 Operator : HP/JU
 Sample : K3010-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-20(2.5-3)

Quant Time: Jun 03 17:33:26 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

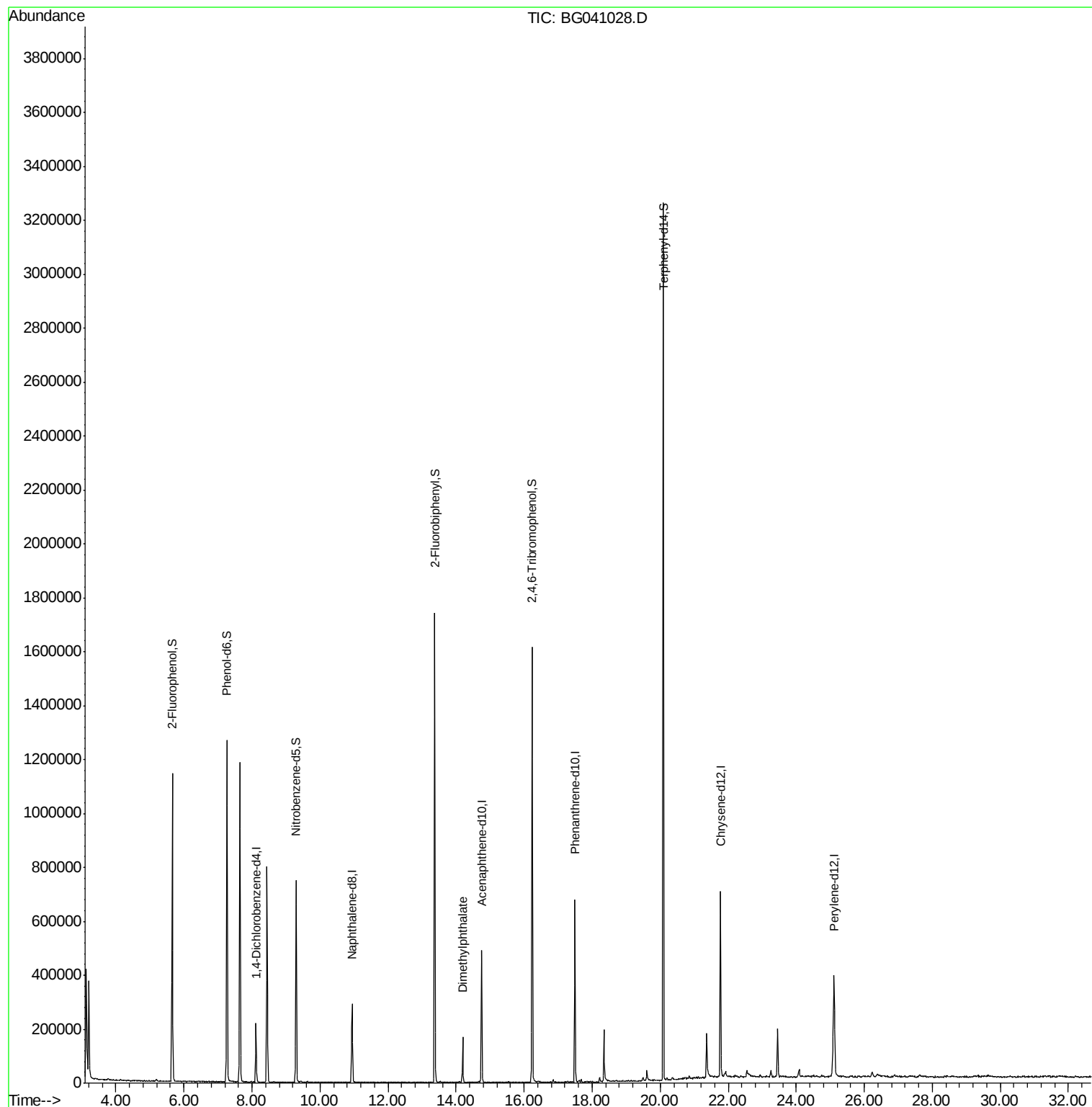
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	57706	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	231381	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	164358	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	416787	20.00	ng	0.00
76) Chrysene-d12	21.77	240	424818	20.00	ng	-0.01
87) Perylene-d12	25.11	264	446967	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	446959	139.67	ng	0.00
7) Phenol-d6	7.27	99	652270	131.98	ng	0.00
23) Nitrobenzene-d5	9.30	82	457512	87.78	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	313852	128.63	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	904139	79.22	ng	0.00
79) Terphenyl-d14	20.09	244	1512863	75.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.19	163	107962	7.760	ng	Qvalue 99

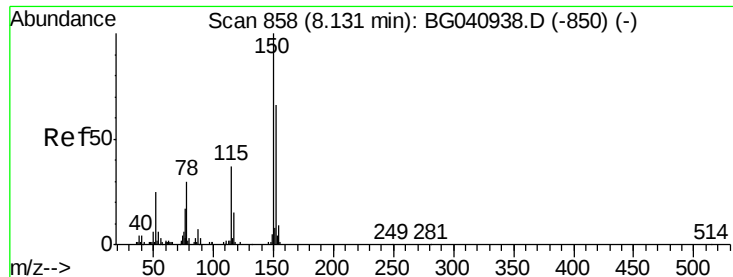
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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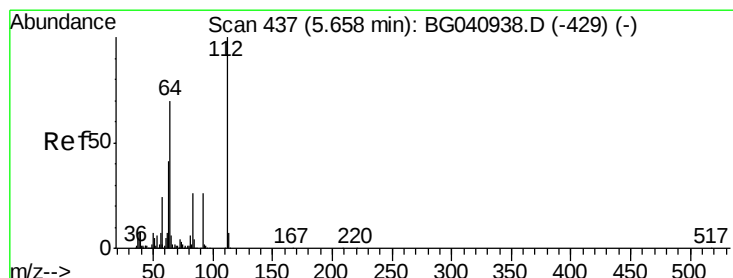
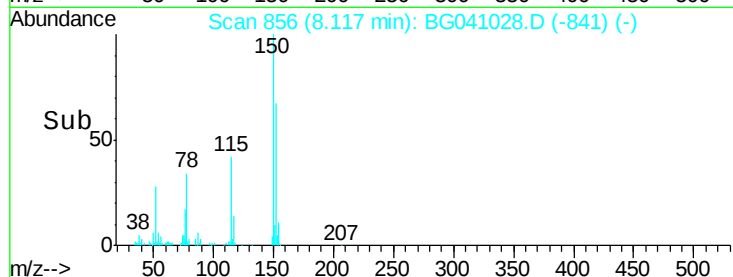
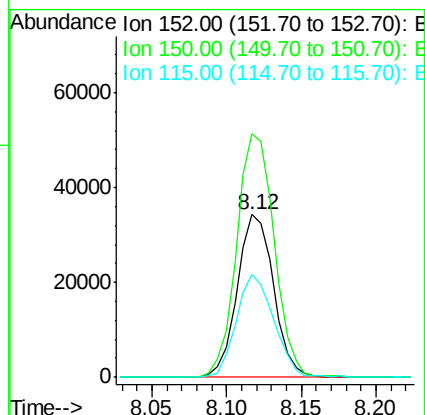
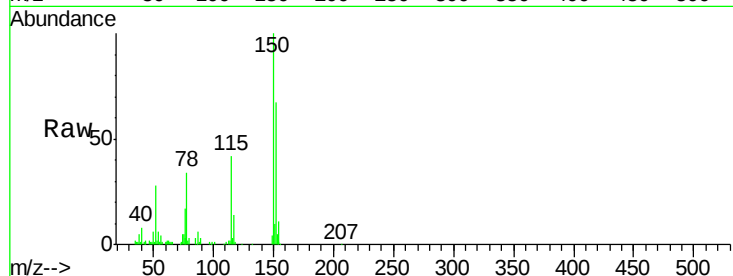


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Instrument :
BNA_G
ClientSampleId :
FESB-20(2.5-3)

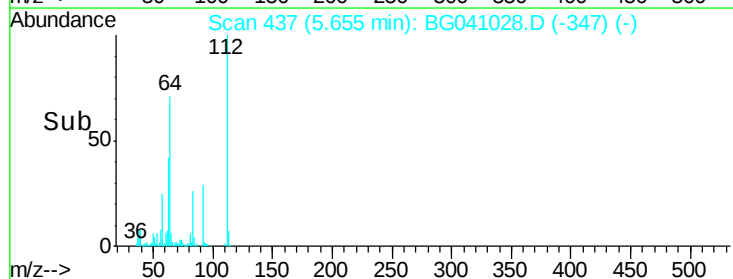
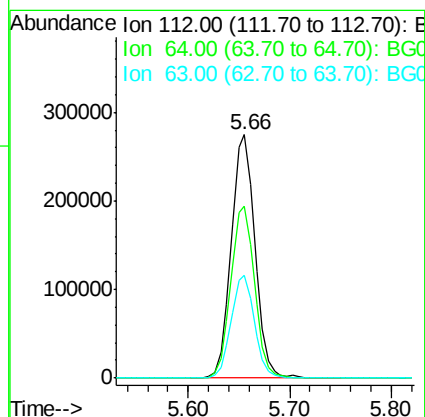
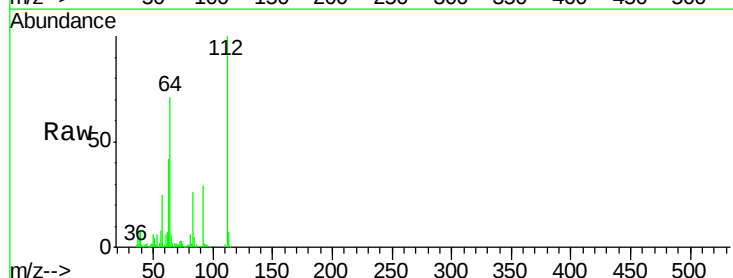
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	120.6	180.8
115	63.0	45.1	67.7

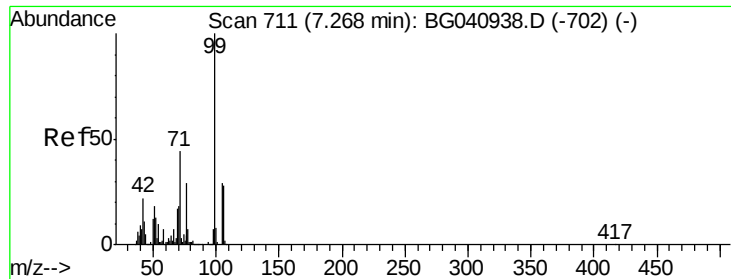


#5

2-Fluorophenol
Concen: 139.667 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	56.2	84.2
63	42.4	32.8	49.2





#7

Phenol-d6

Concen: 131.976 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041028.D

Acq: 3 Jun 2019 11:11

Instrument :

BNA_G

ClientSampleId :

FESB-20(2.5-3)

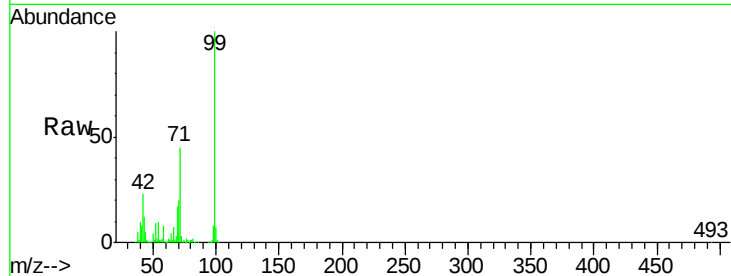
Tot Ion: 99 Resp: 652270

Ion Ratio Lower Upper

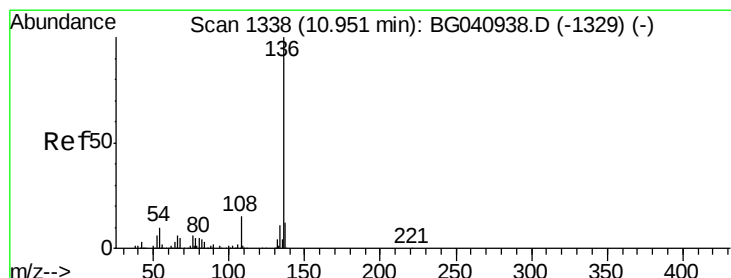
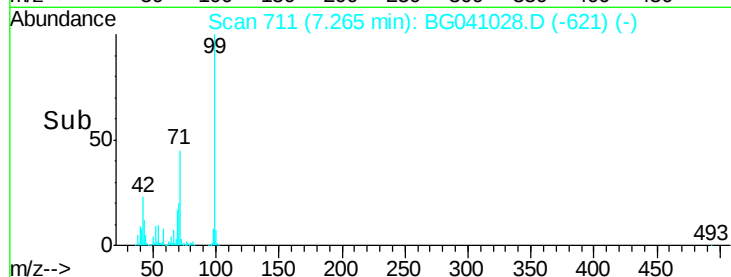
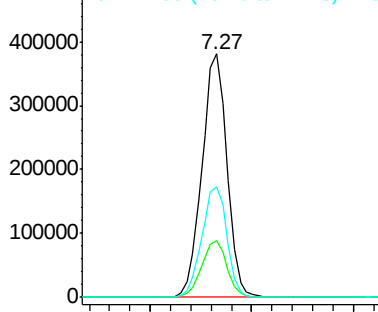
99 100

42 23.5 17.9 26.9

71 45.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG041028.D

Acq: 3 Jun 2019 11:11

Tgt Ion: 136 Resp: 231381

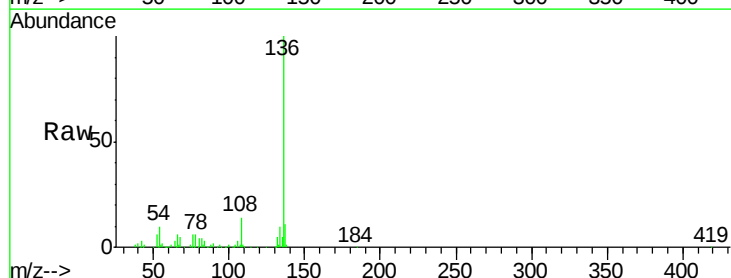
Ion Ratio Lower Upper

136 100

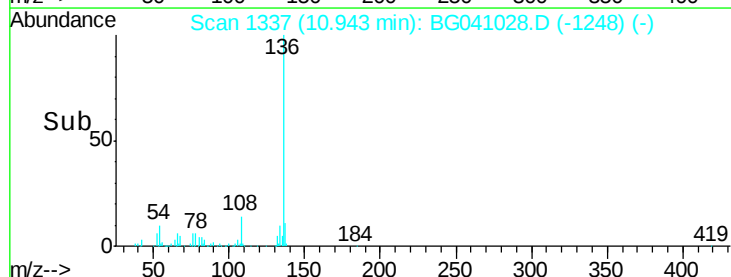
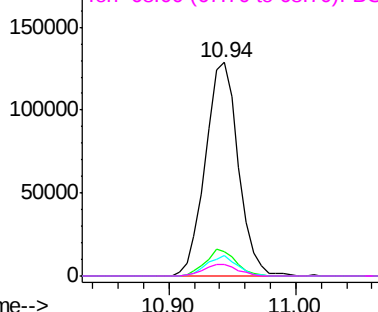
137 11.4 9.5 14.3

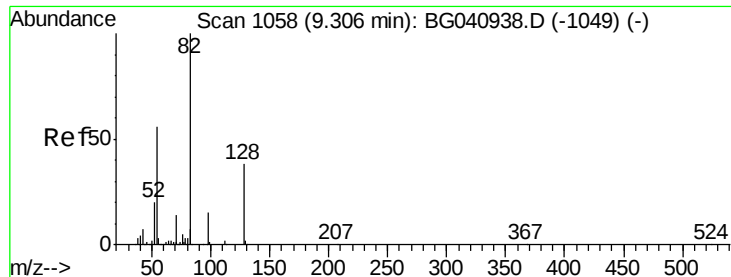
54 9.6 7.6 11.4

68 5.4 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

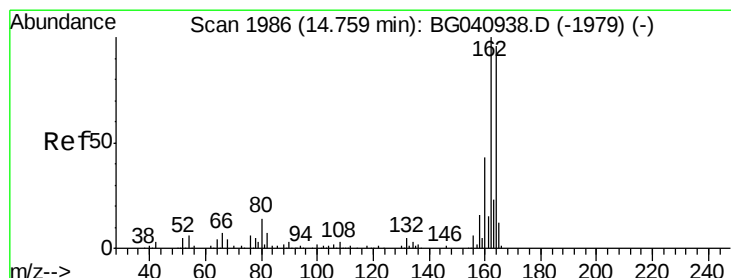
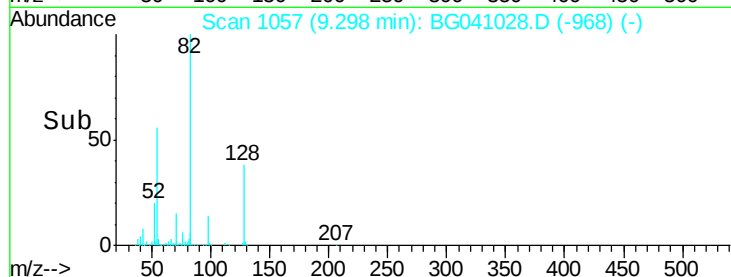
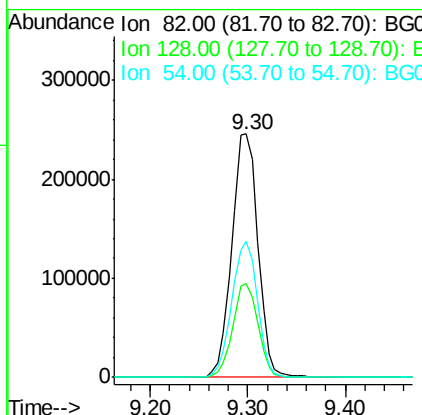
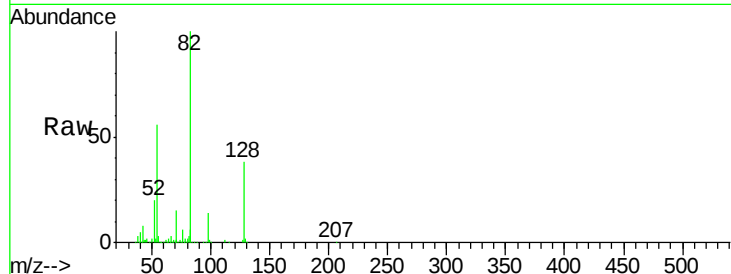




#23
 Nitrobenzene-d5
 Concen: 87.780 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041028.D
 Acq: 3 Jun 2019 11:11

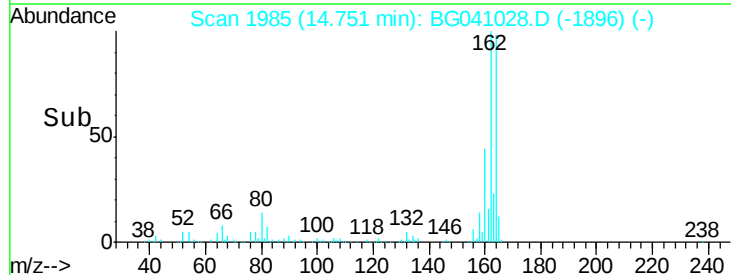
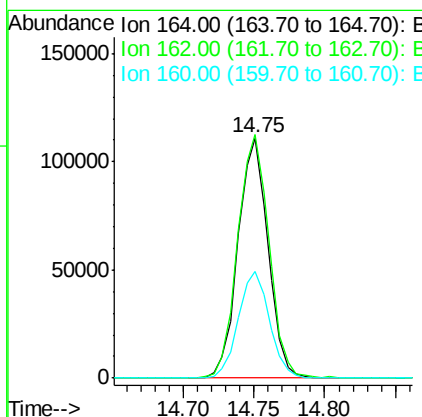
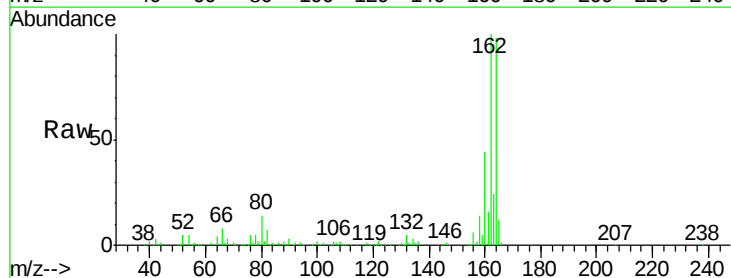
Instrument :
 BNA_G
 ClientSampleId :
 FESB-20(2.5-3)

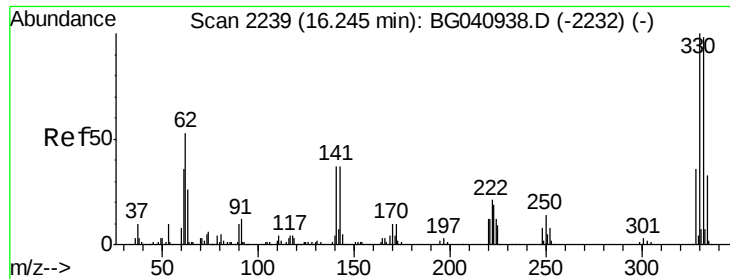
Tot Ion	82	Resp	457512
Ion Ratio	Lower	Upper	
82	100		
128	38.4	30.5	45.7
54	55.9	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG041028.D
 Acq: 3 Jun 2019 11:11

Tgt Ion	164	Resp	164358
Ion Ratio	Lower	Upper	
164	100		
162	101.5	83.0	124.4
160	44.7	35.6	53.4

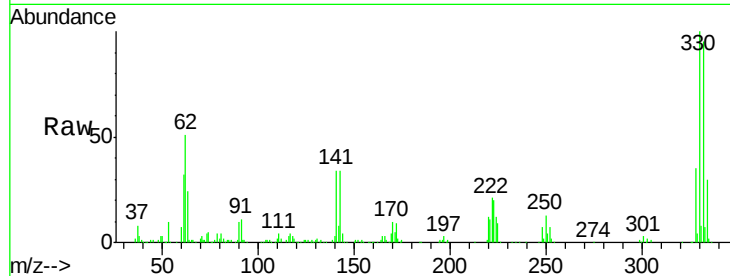




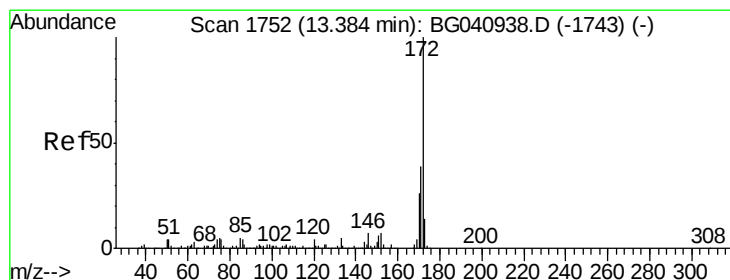
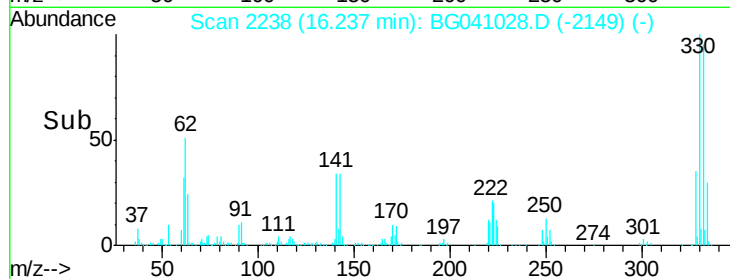
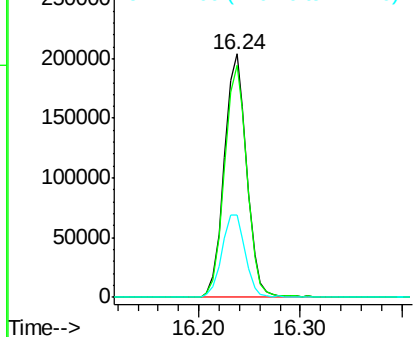
#42
 2,4,6-Tribromophenol
 Concen: 128.627 ng
 RT: 16.24 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG041028.D
 Acq: 3 Jun 2019 11:11

Instrument :
 BNA_G
 ClientSampleId :
 FESB-20(2.5-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.5	117.7
141	35.5	28.7	43.1

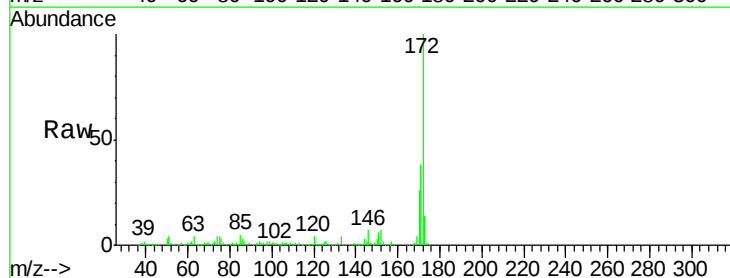


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

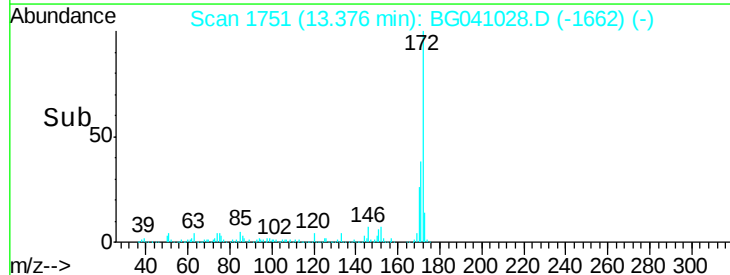
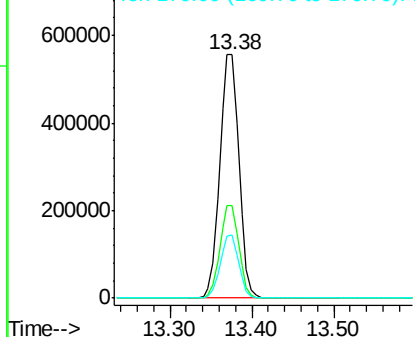


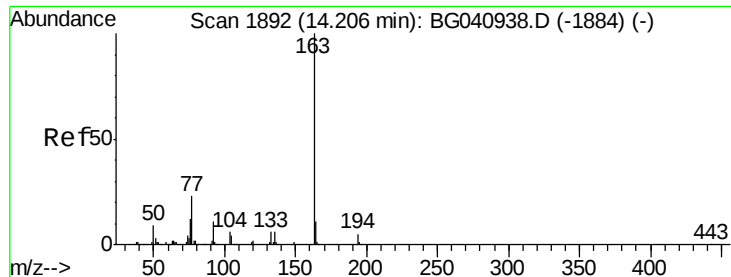
#45
 2-Fluorobiphenyl
 Concen: 79.221 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BG041028.D
 Acq: 3 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.7	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

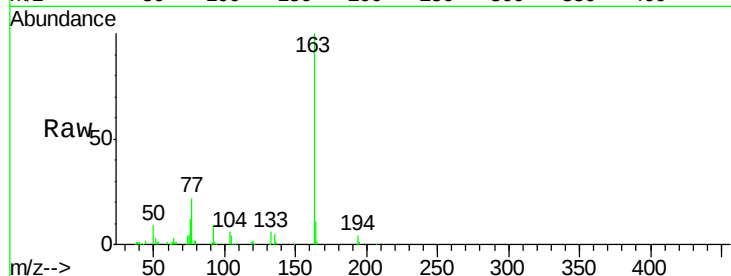




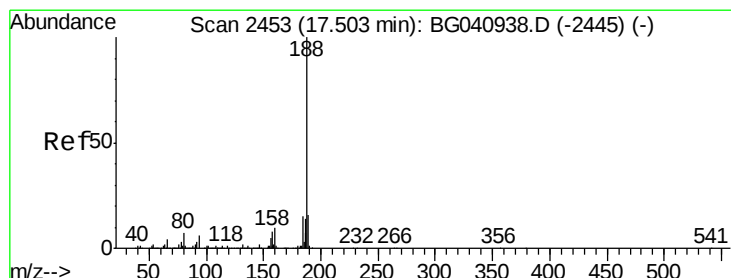
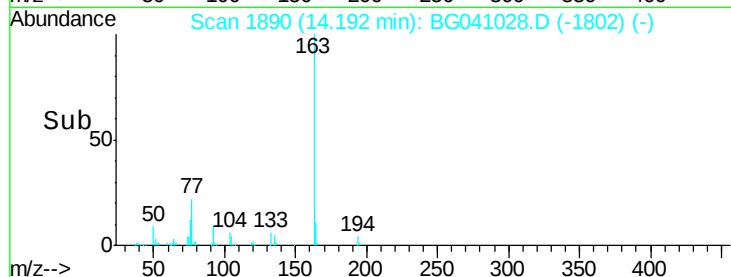
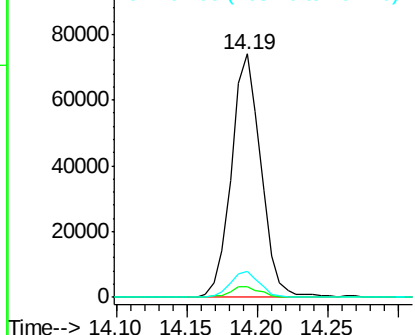
#50
Dimethylphthalate
Concen: 7.760 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Instrument :
BNA_G
ClientSampleId :
FESB-20(2.5-3)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.8
164	10.7	8.7	13.1

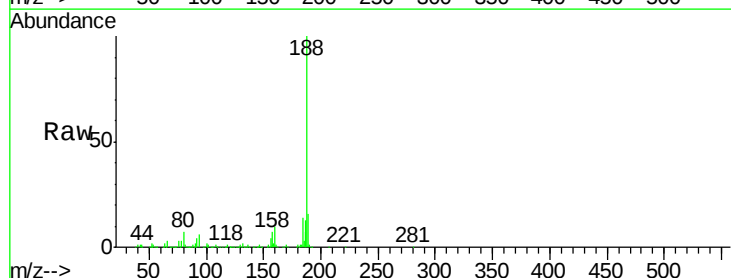


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

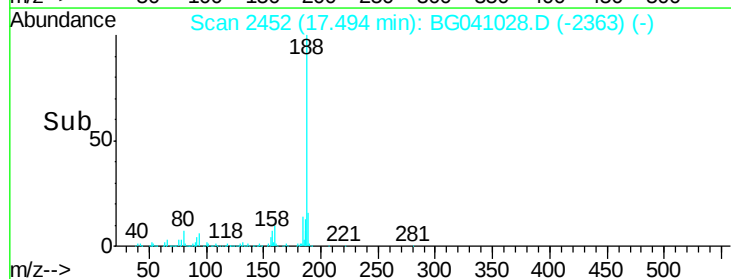
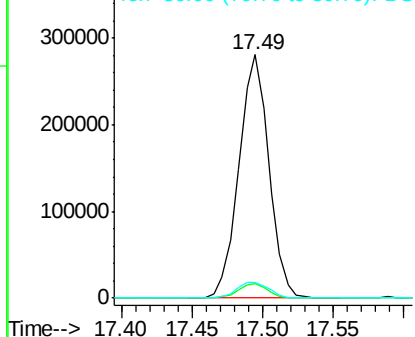


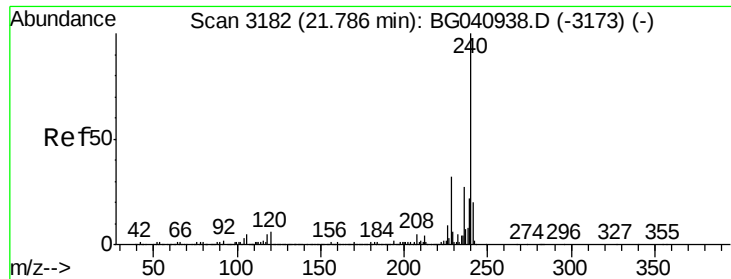
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.7	7.1
80	6.7	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: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041028.D

Acq: 3 Jun 2019 11:11

Instrument :

BNA_G

ClientSampleId :

FESB-20(2.5-3)

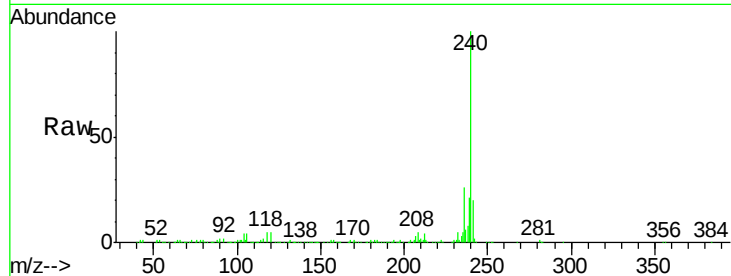
Tot Ion:240 Resp: 424818

Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

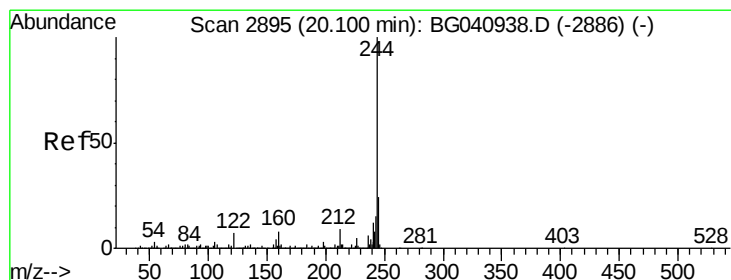
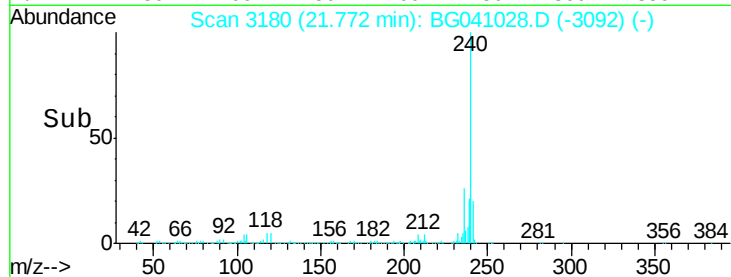
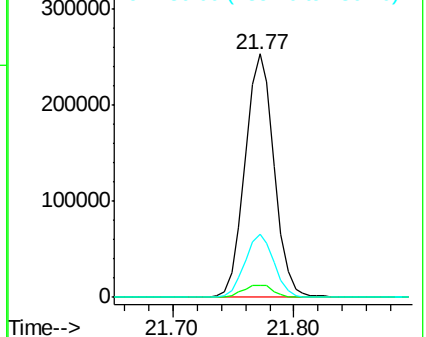
236 26.0 21.3 31.9



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



#79

Terphenyl-d14

Concen: 75.581 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041028.D

Acq: 3 Jun 2019 11:11

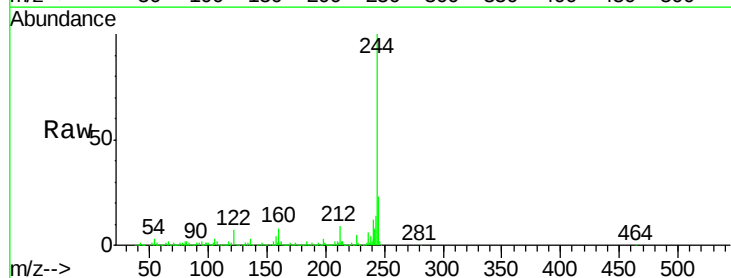
Tgt Ion:244 Resp: 1512863

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

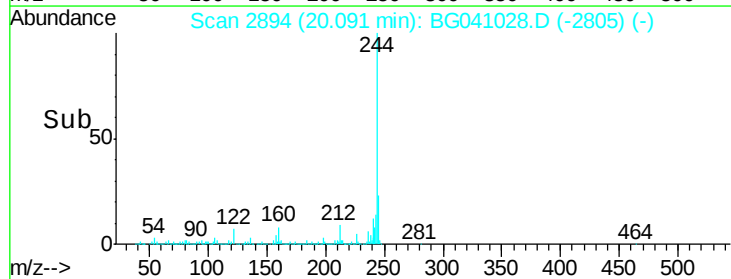
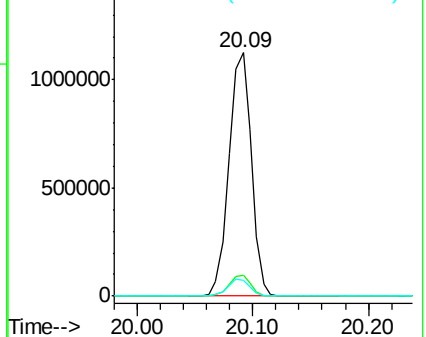
122 6.7 5.4 8.0

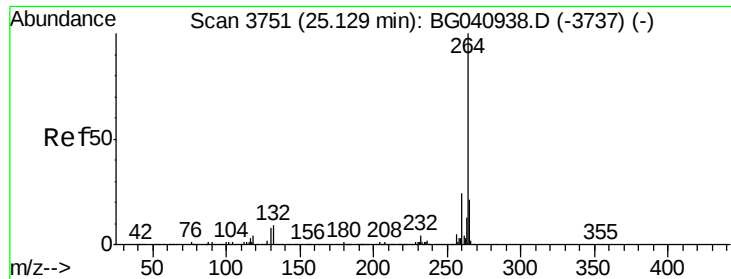


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

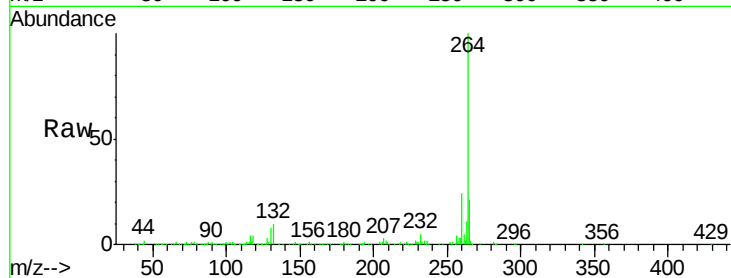




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3748
 Delta R.T. -0.02 min
 Lab File: BG041028.D
 Acq: 3 Jun 2019 11:11

Instrument :
 BNA_G
 ClientSampleId :
 FESB-20(2.5-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.3	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

