

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041029.D
 Acq On : 3 Jun 2019 11:49
 Operator : HP/JU
 Sample : K3010-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-22(1.5-2)

Quant Time: Jun 03 17:34:32 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

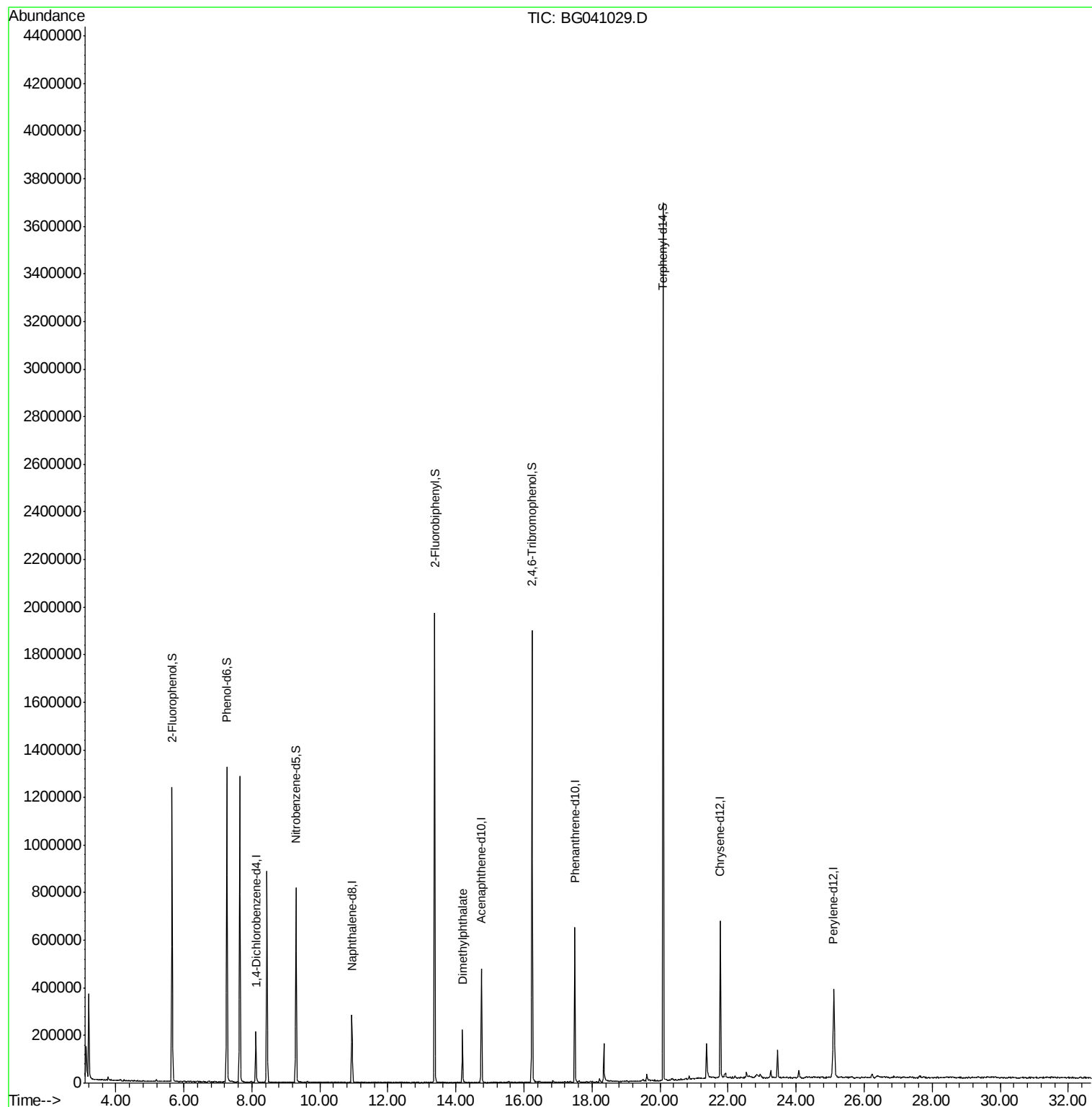
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57345	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	223916	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	161444	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	405540	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	406586	20.00	ng	-0.02
87) Perylene-d12	25.11	264	433374	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	471174	148.16	ng	0.00
7) Phenol-d6	7.26	99	693195	141.14	ng	0.00
23) Nitrobenzene-d5	9.30	82	486119	96.38	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	349946	146.01	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1009666	90.06	ng	-0.01
79) Terphenyl-d14	20.09	244	1715802	89.56	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.19	163	141298	10.339	ng	Qvalue 100

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

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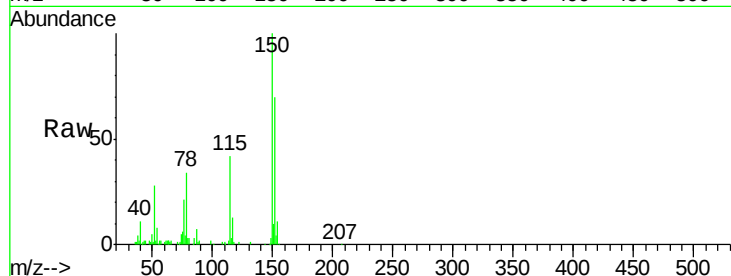


#1

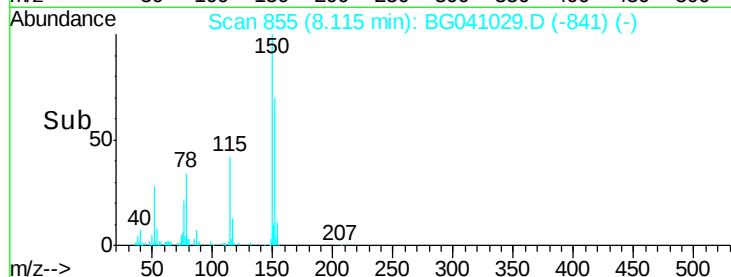
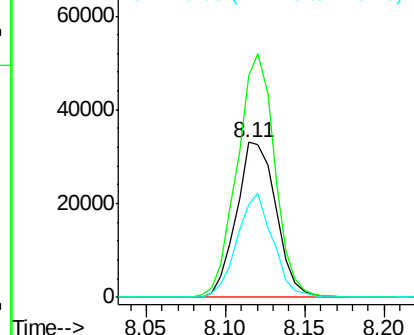
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

Instrument :
BNA_G
ClientSampleId :
FESB-22(1.5-2)

Tot Ion:152 Resp: 57345
Ion Ratio Lower Upper
152 100
150 143.3 120.6 180.8
115 59.8 45.1 67.7



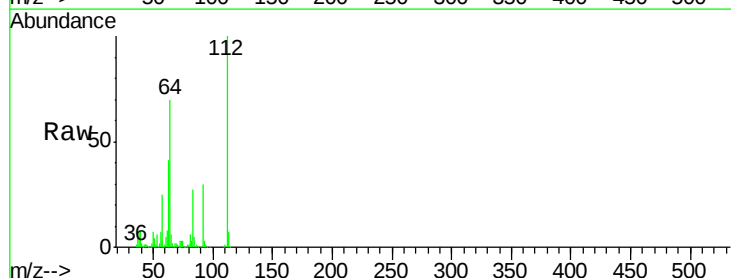
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



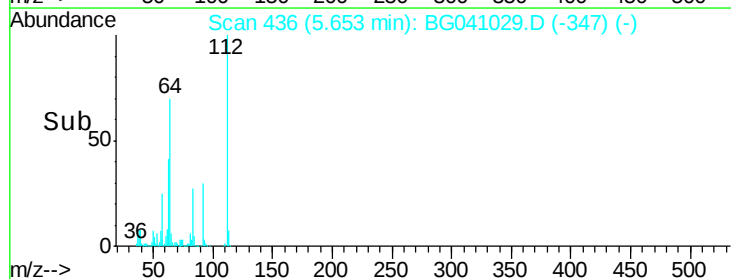
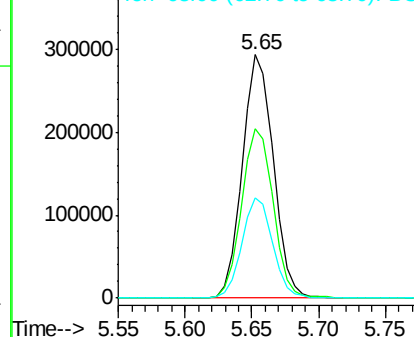
#5

2-Fluorophenol
Concen: 148.160 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.00 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

Tgt Ion:112 Resp: 471174
Ion Ratio Lower Upper
112 100
64 69.7 56.2 84.2
63 41.1 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 141.139 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG041029.D

Acq: 3 Jun 2019 11:49

Instrument :

BNA_G

ClientSampleId :

FESB-22(1.5-2)

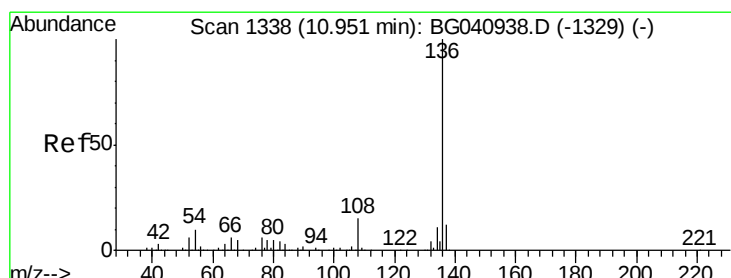
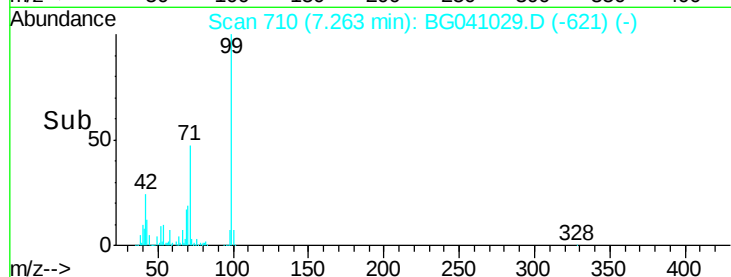
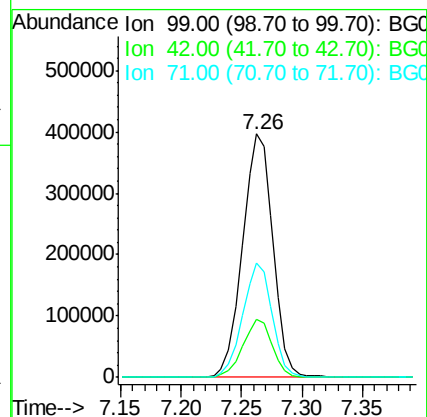
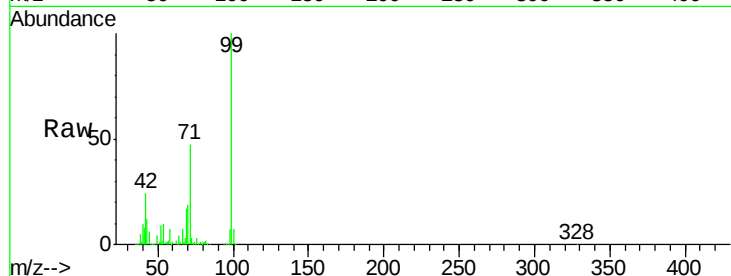
Tot Ion: 99 Resp: 693195

Ion Ratio Lower Upper

99 100

42 23.9 17.9 26.9

71 47.0 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BG041029.D

Acq: 3 Jun 2019 11:49

Tgt Ion: 136 Resp: 223916

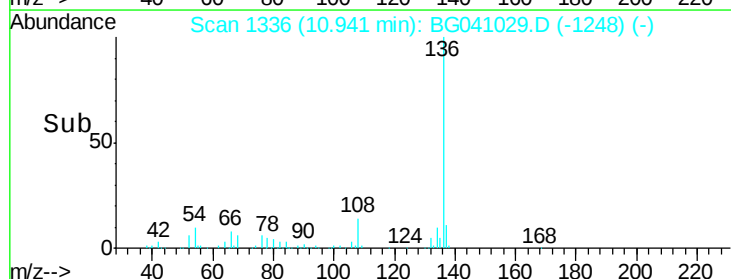
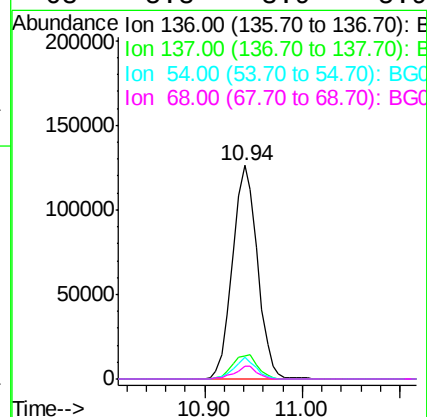
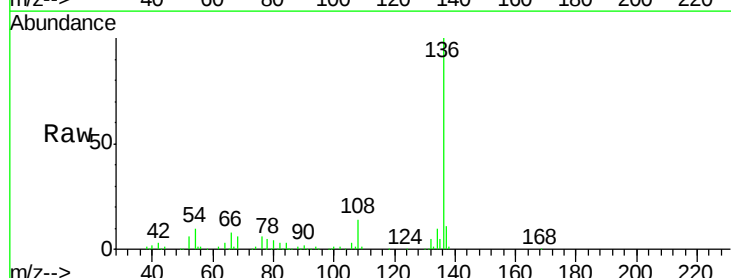
Ion Ratio Lower Upper

136 100

137 10.6 9.5 14.3

54 10.0 7.6 11.4

68 5.8 3.9 5.9

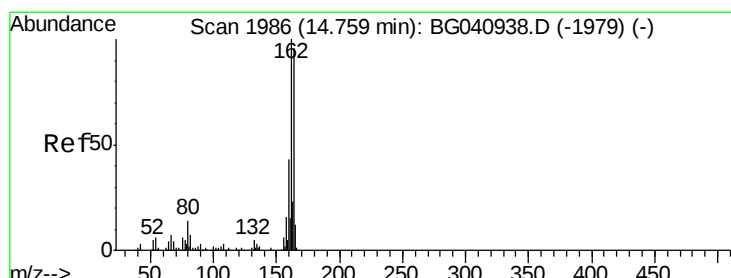
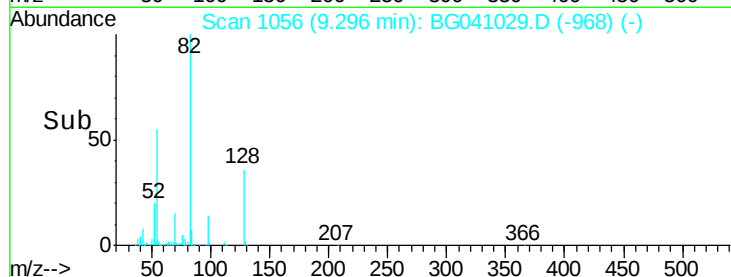
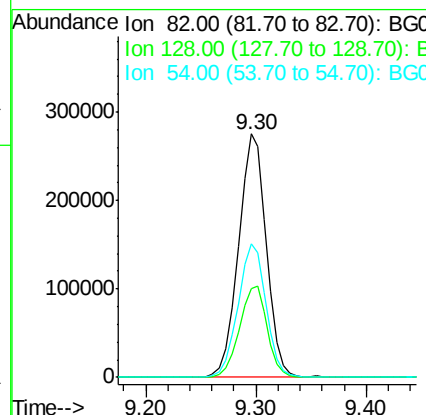
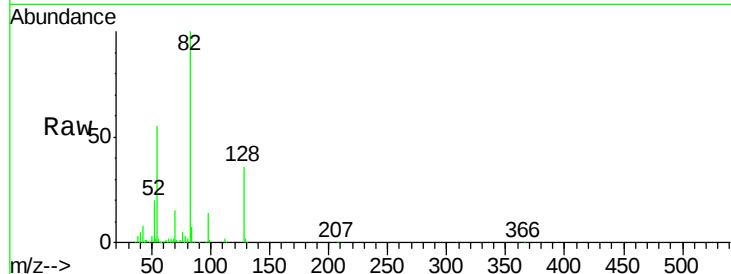




#23
Nitrobenzene-d5
Concen: 96.378 ng
RT: 9.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

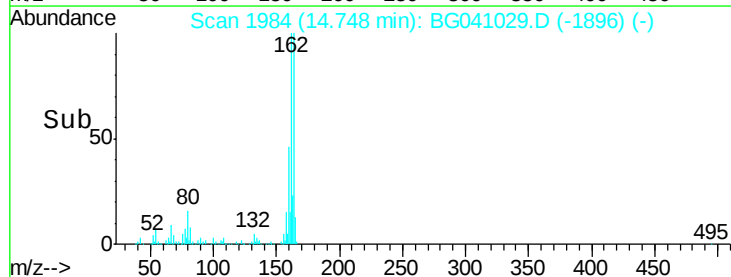
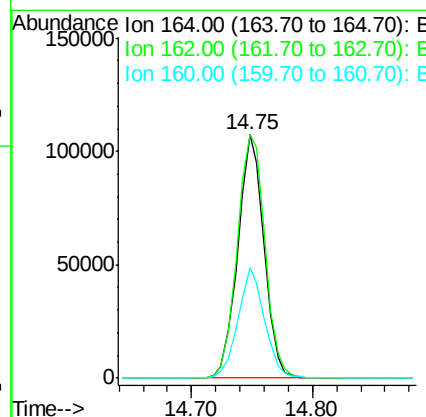
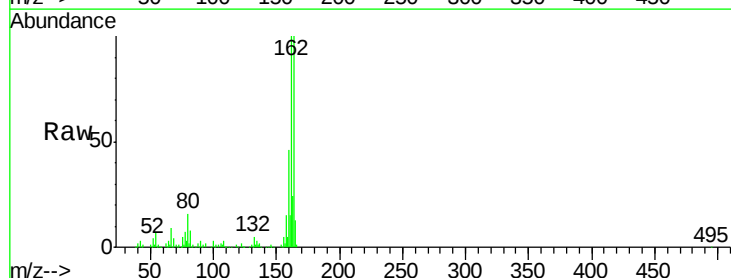
Instrument :
BNA_G
ClientSampleId :
FESB-22(1.5-2)

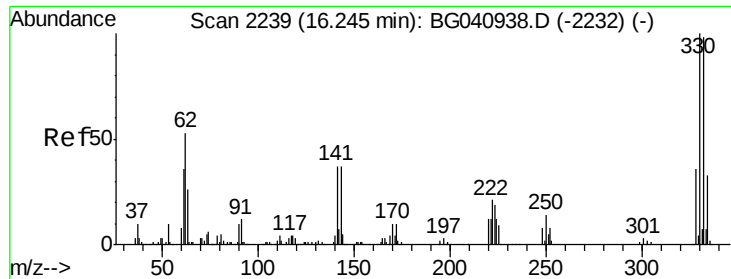
Tot Ion	82	Resp	486119
Ion Ratio	Lower	Upper	
82	100		
128	36.4	30.5	45.7
54	54.9	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

Tgt Ion	164	Resp	161444
Ion Ratio	Lower	Upper	
164	100		
162	99.9	83.0	124.4
160	45.5	35.6	53.4

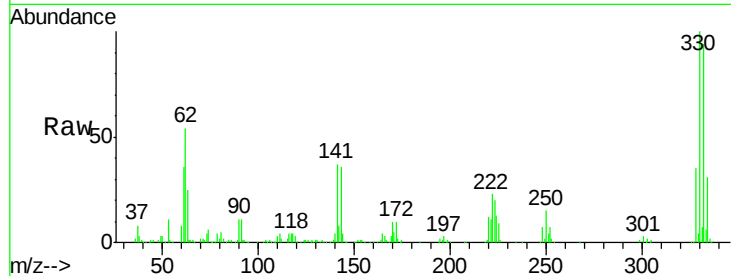




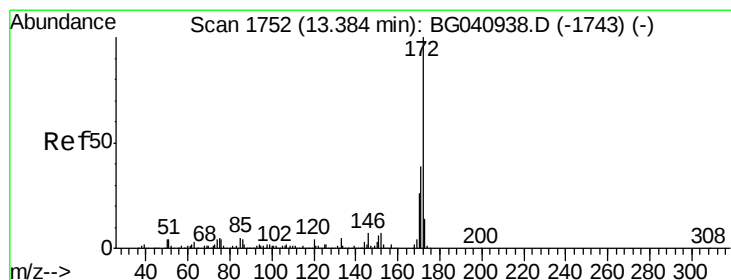
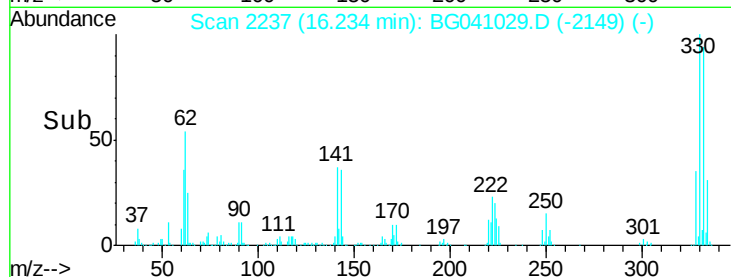
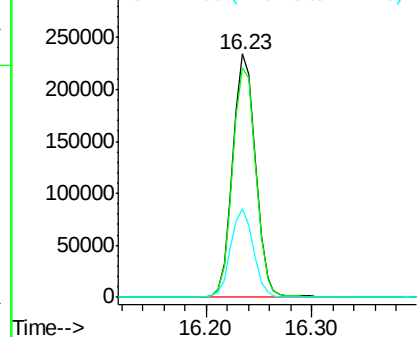
#42
 2,4,6-Tribromophenol
 Concen: 146.009 ng
 RT: 16.23 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BG041029.D
 Acq: 3 Jun 2019 11:49

Instrument :
 BNA_G
 ClientSampleId :
 FESB-22(1.5-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.5	117.7
141	36.1	28.7	43.1

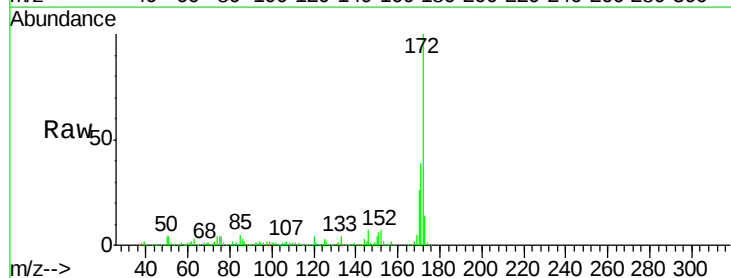


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

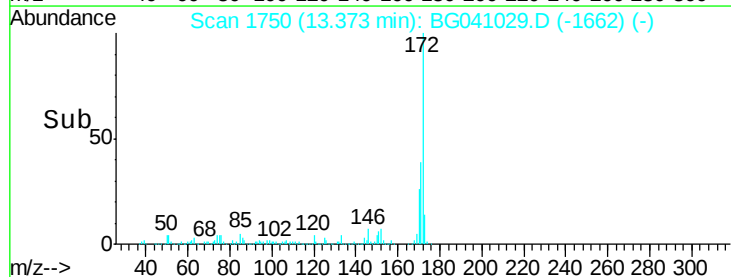
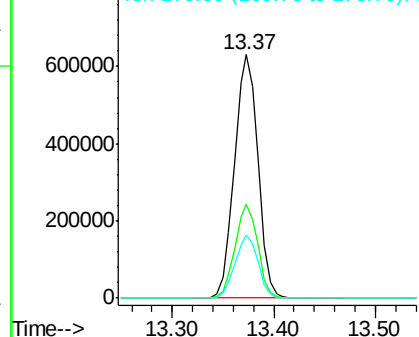


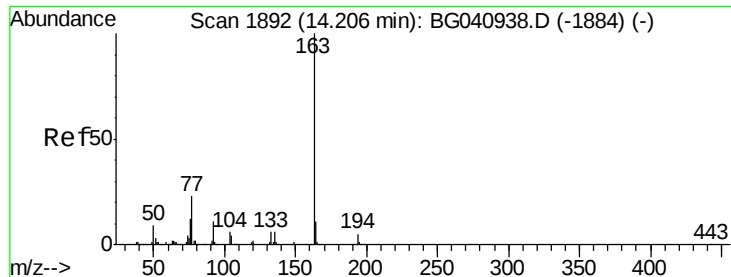
#45
 2-Fluorobiphenyl
 Concen: 90.064 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG041029.D
 Acq: 3 Jun 2019 11:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.1	46.7
170	25.8	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: 10.339 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG041029.D

Acq: 3 Jun 2019 11:49

Instrument :

BNA_G

ClientSampleId :

FESB-22(1.5-2)

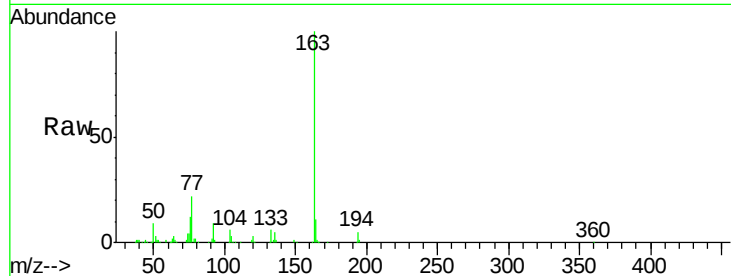
Tot Ion:163 Resp: 141298

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

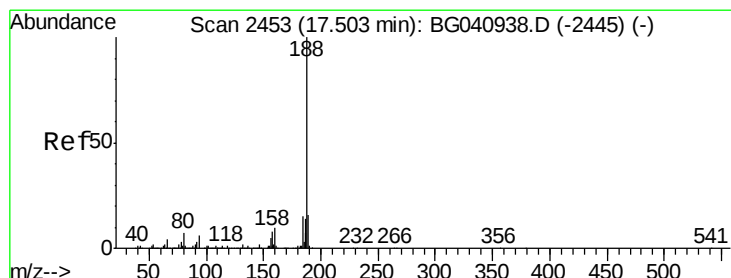
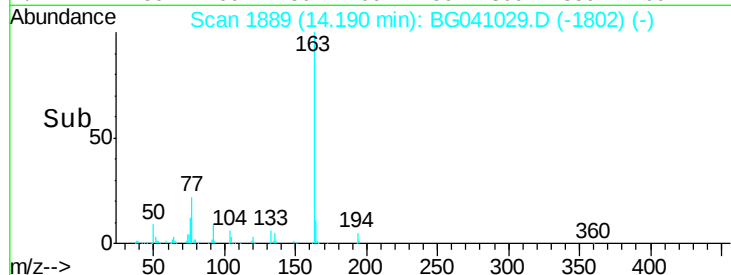
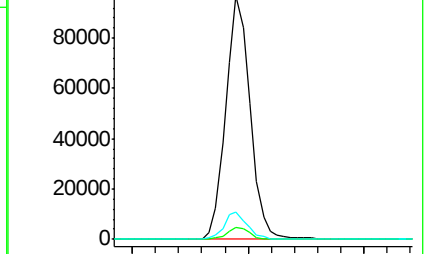
164 11.0 8.7 13.1



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# 2451

Delta R.T. -0.01 min

Lab File: BG041029.D

Acq: 3 Jun 2019 11:49

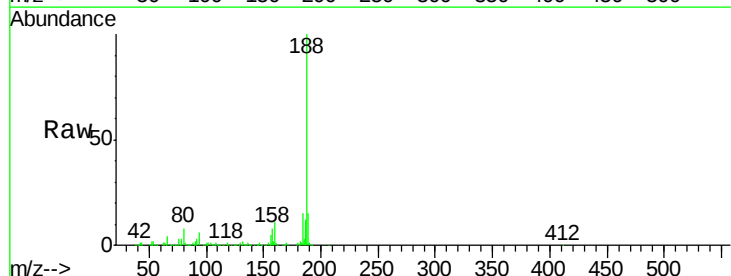
Tgt Ion:188 Resp: 405540

Ion Ratio Lower Upper

188 100

94 6.1 4.7 7.1

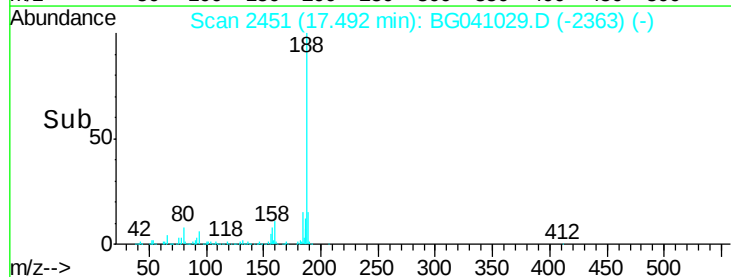
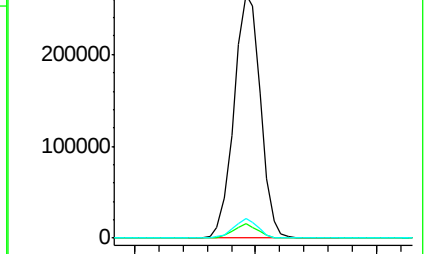
80 7.8 5.8 8.8

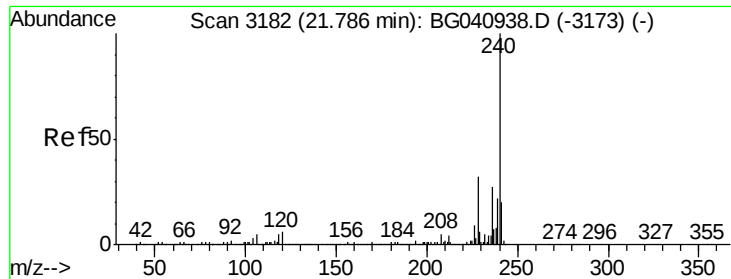


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

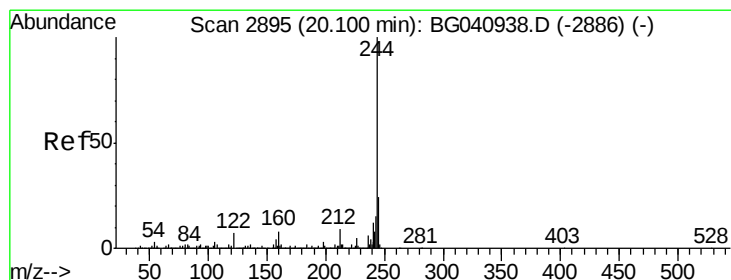
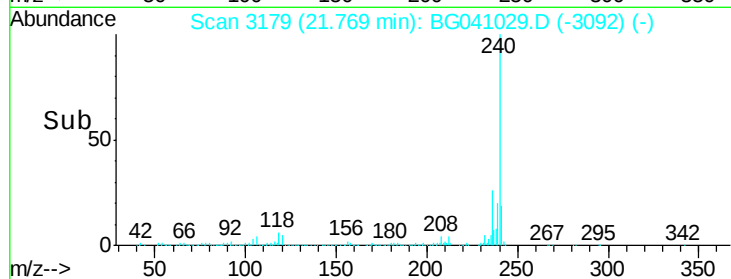
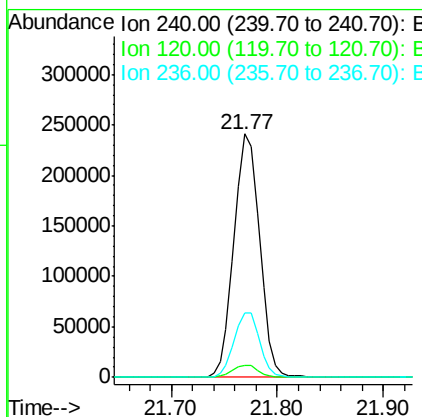
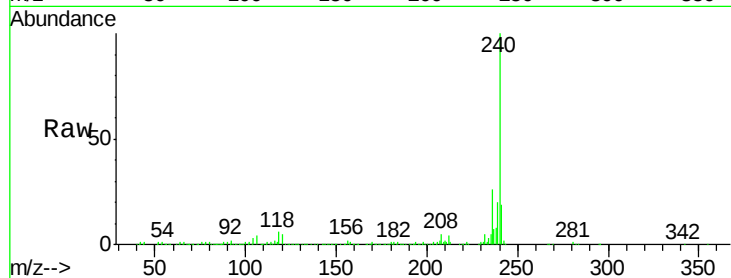




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.02 min
 Lab File: BG041029.D
 Acq: 3 Jun 2019 11:49

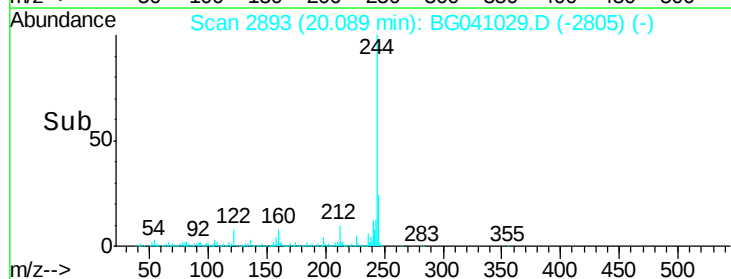
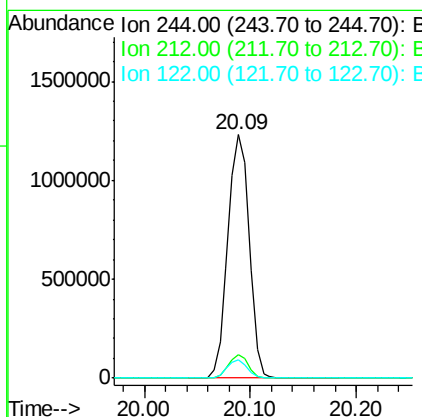
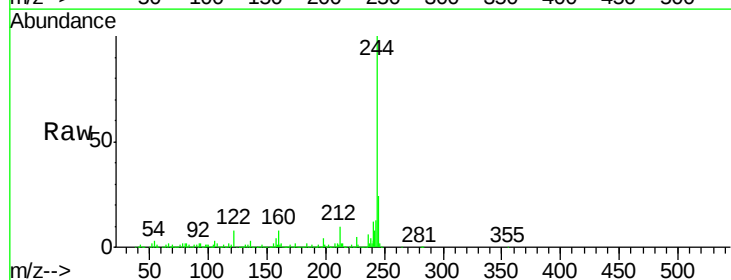
Instrument :
 BNA_G
 ClientSampleId :
 FESB-22(1.5-2)

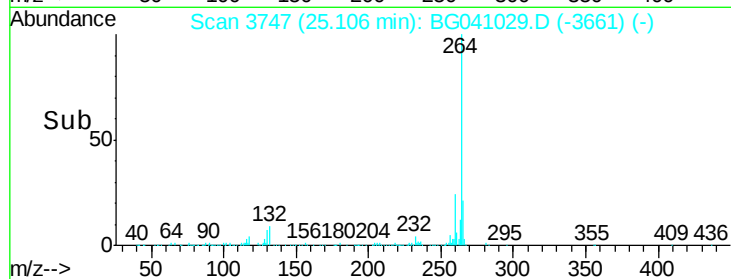
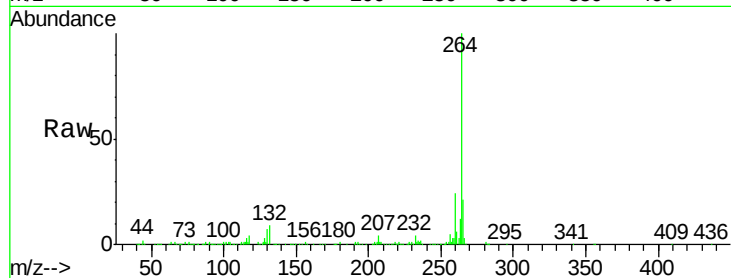
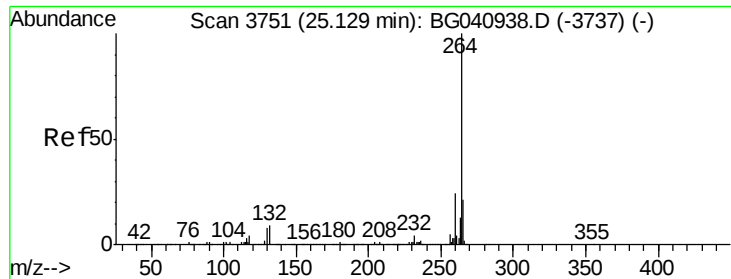
Tot Ion:240 Resp: 406586
 Ion Ratio Lower Upper
 240 100
 120 4.8 4.5 6.7
 236 26.3 21.3 31.9



#79
 Terphenyl-d14
 Concen: 89.563 ng
 RT: 20.09 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BG041029.D
 Acq: 3 Jun 2019 11:49

Tgt Ion:244 Resp: 1715802
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.0 10.4
 122 7.5 5.4 8.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3747
Delta R.T. -0.02 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

Instrument :
BNA_G
ClientSampleId :
FESB-22(1.5-2)

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.4	19.0	28.4	
265	21.3	17.0	25.4	

