

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038052.D
 Acq On : 17 Nov 2018 3:11
 Operator : JU/SJ
 Sample : J5967-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-13(6-8)

Quant Time: Nov 17 04:16:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

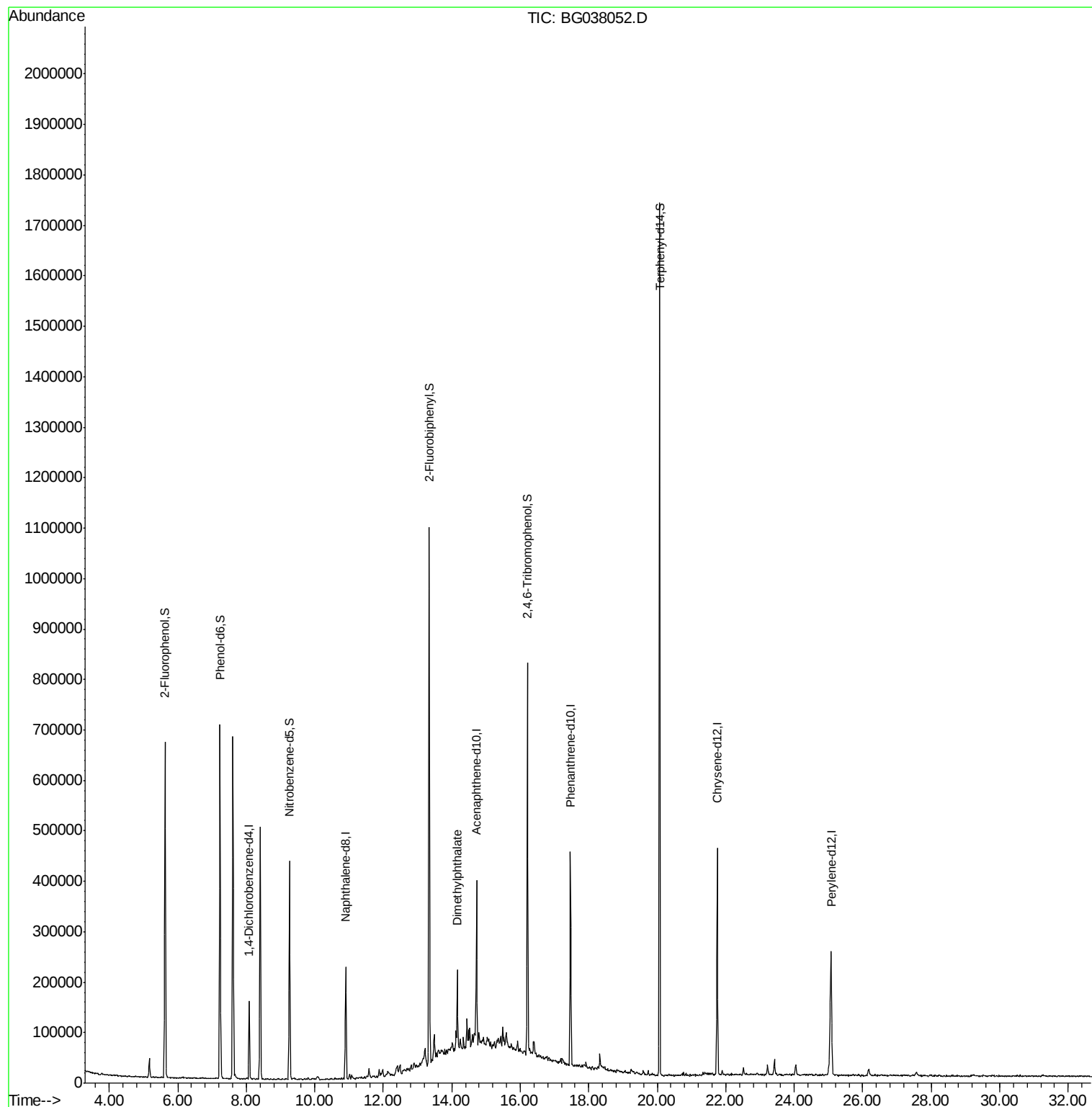
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46096	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	198663	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116756	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	262065	20.00	ng	0.00
76) Chrysene-d12	21.75	240	265179	20.00	ng	0.00
87) Perylene-d12	25.07	264	272708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	312365	117.00	ng	0.00
7) Phenol-d6	7.23	99	435879	114.37	ng	0.00
23) Nitrobenzene-d5	9.26	82	269104	72.51	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	135718	101.92	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	564493	70.44	ng	0.00
79) Terphenyl-d14	20.07	244	786933	69.83	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.16	163	85541	9.242	ng	Qvalue 98

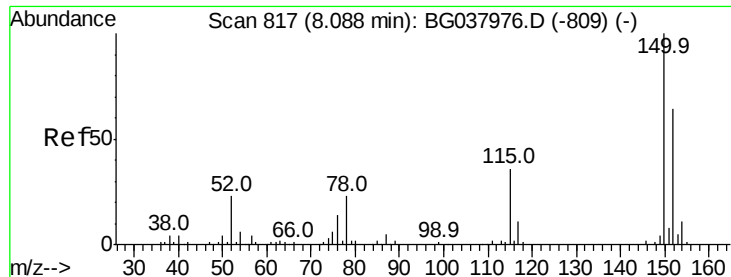
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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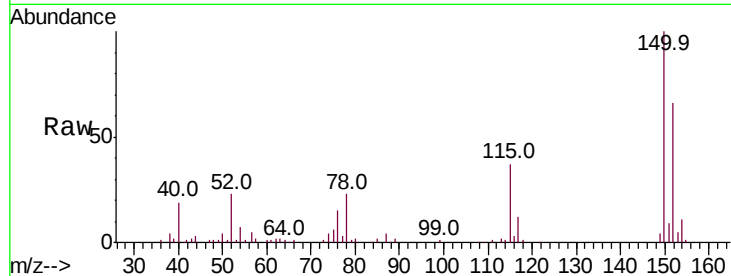


#1

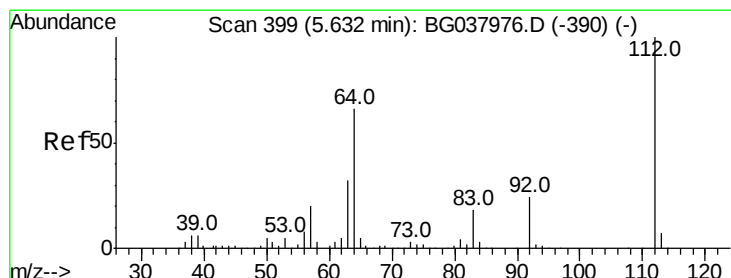
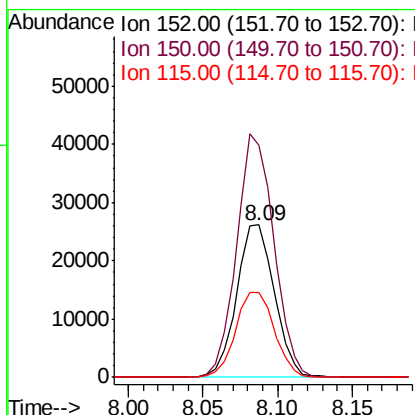
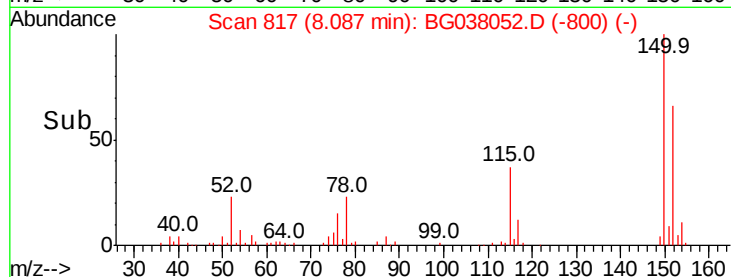
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG038052.D
 Acq: 17 Nov 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-13(6-8)

Tot Ion:152 Resp: 46096
 Ion Ratio Lower Upper
 152 100
 150 152.6 126.0 189.0
 115 55.9 45.5 68.3



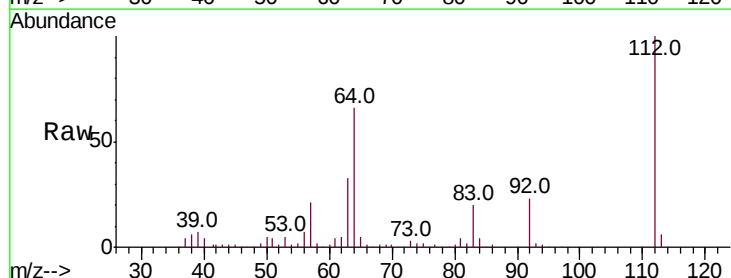
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



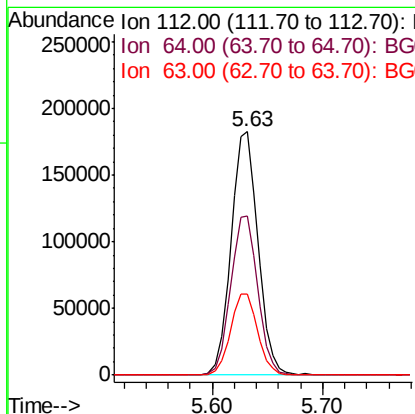
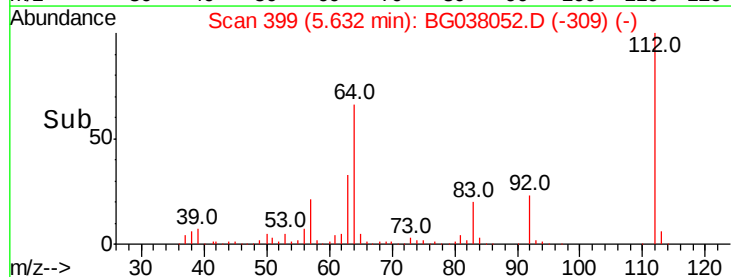
#5

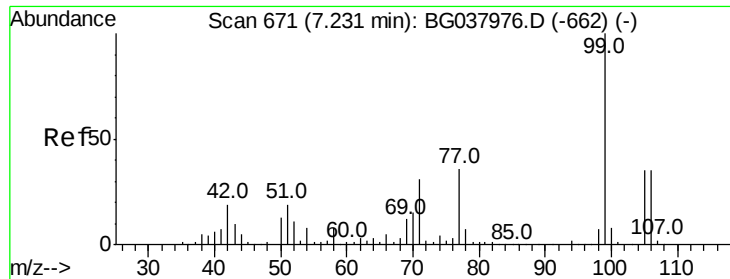
2-Fluorophenol
 Concen: 116.999 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG038052.D
 Acq: 17 Nov 2018 3:11

Tgt Ion:112 Resp: 312365
 Ion Ratio Lower Upper
 112 100
 64 65.5 53.1 79.7
 63 33.3 27.3 40.9



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





#7

Phenol-d6

Concen: 114.374 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038052.D

Acq: 17 Nov 2018 3:11

Instrument :

BNA_G

ClientSampleId :

FDSB-13(6-8)

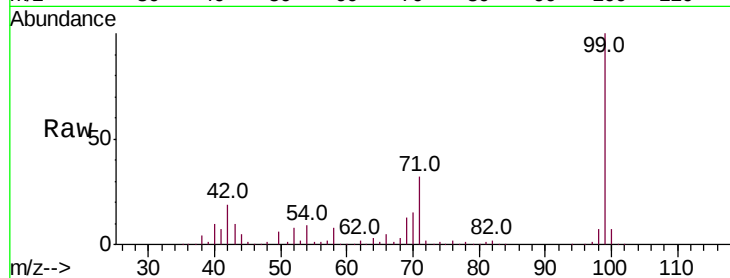
Tot Ion: 99 Resp: 435879

Ion Ratio Lower Upper

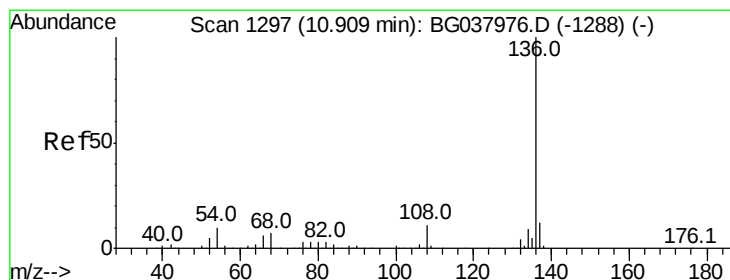
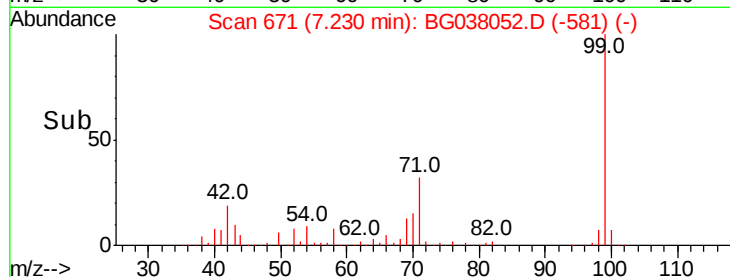
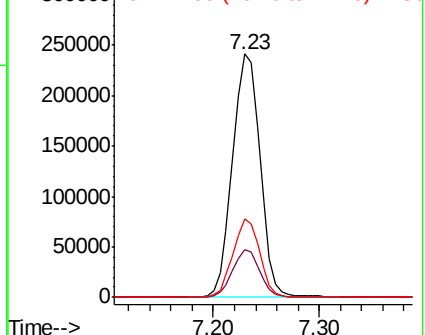
99 100

42 19.4 15.0 22.4

71 32.4 25.5 38.3



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: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038052.D

Acq: 17 Nov 2018 3:11

Tgt Ion: 136 Resp: 198663

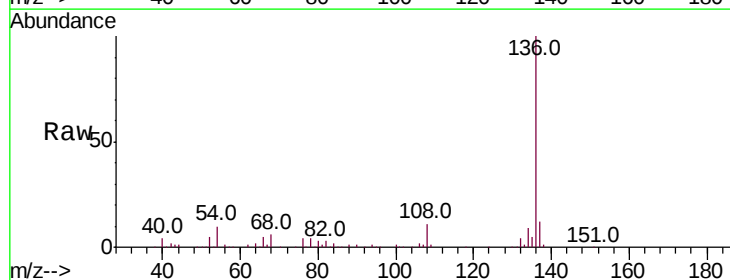
Ion Ratio Lower Upper

136 100

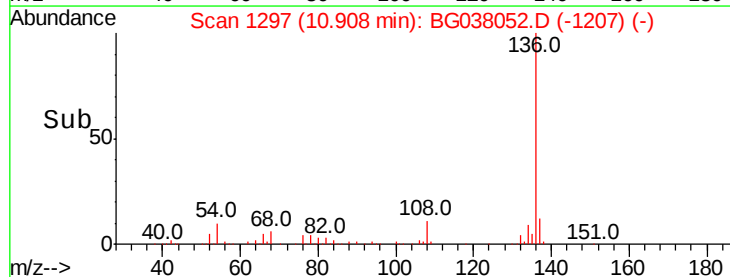
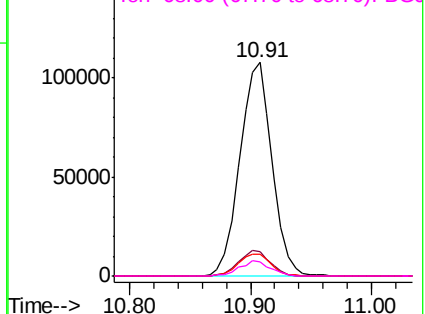
137 11.5 9.6 14.4

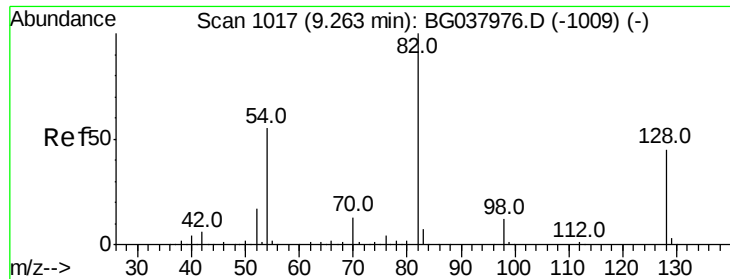
54 10.3 7.9 11.9

68 6.4 4.8 7.2



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

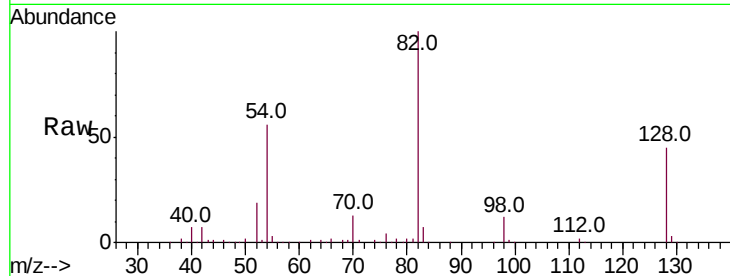




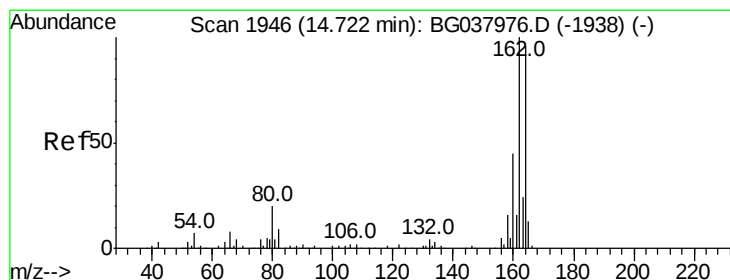
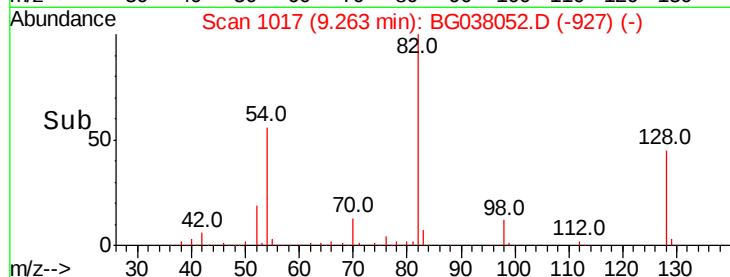
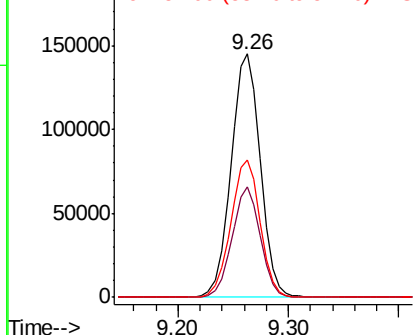
#23
Nitrobenzene-d5
Concen: 72.511 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038052.D
Acq: 17 Nov 2018 3:11

Instrument :
BNA_G
ClientSampleId :
FDSB-13(6-8)

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	51.8
54	56.3	45.3	67.9

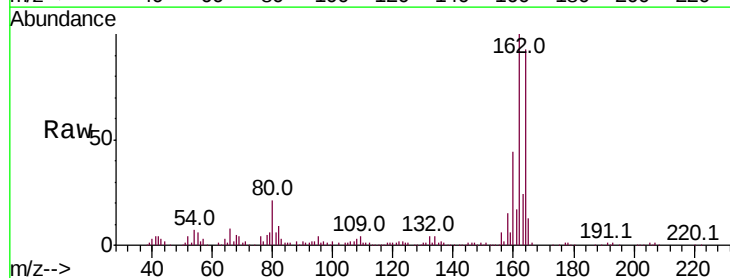


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

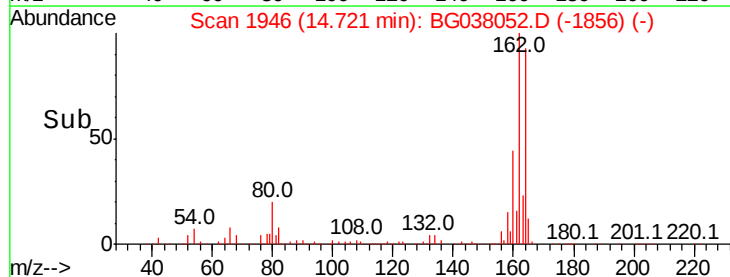
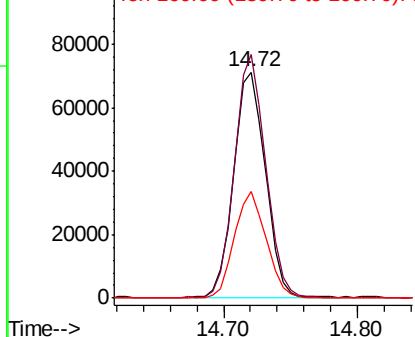


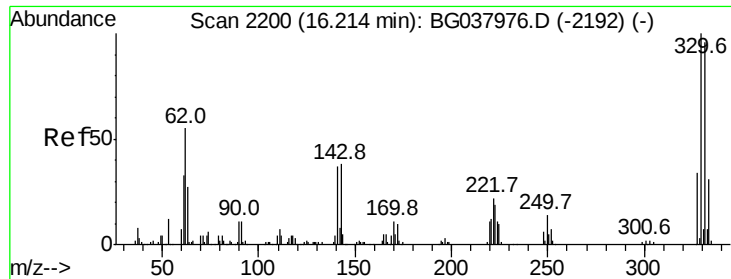
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038052.D
Acq: 17 Nov 2018 3:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.6	81.3	121.9
160	47.4	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

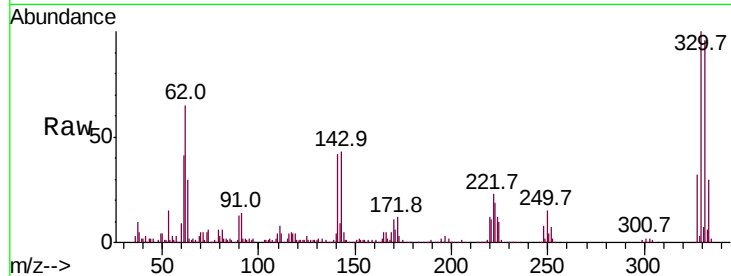




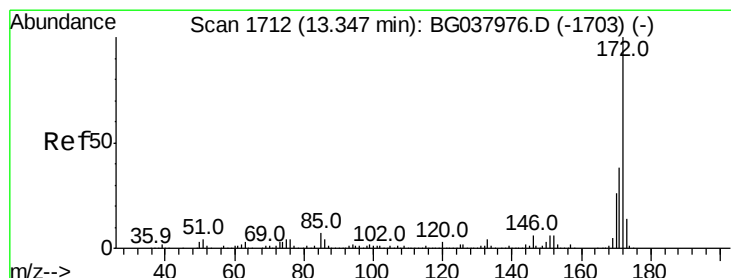
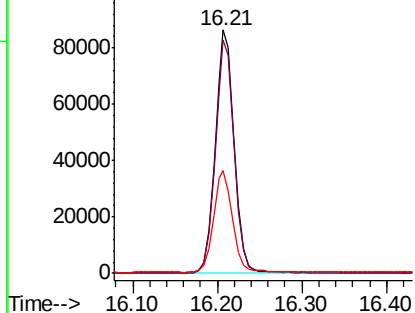
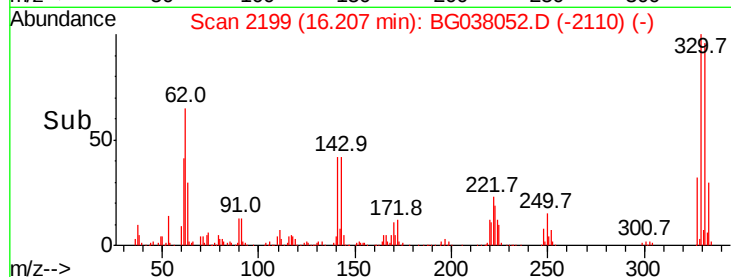
#42
 2,4,6-Tribromophenol
 Concen: 101.923 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038052.D
 Acq: 17 Nov 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-13(6-8)

Tot Ion:330 Resp: 135718
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.4 117.6
 141 41.8 32.2 48.2

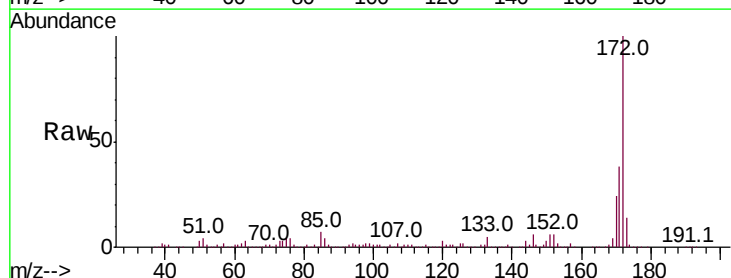


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

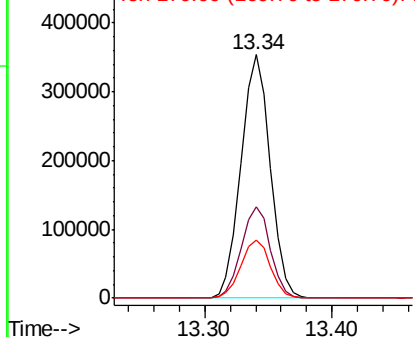
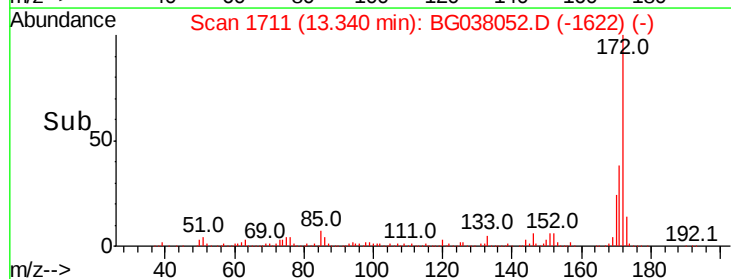


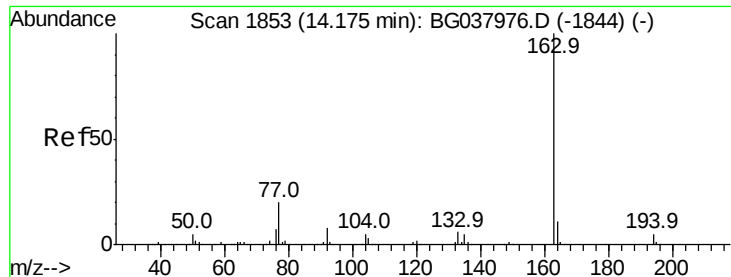
#45
 2-Fluorobiphenyl
 Concen: 70.436 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038052.D
 Acq: 17 Nov 2018 3:11

Tgt Ion:172 Resp: 564493
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.0 46.4
 170 24.1 20.2 30.2



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

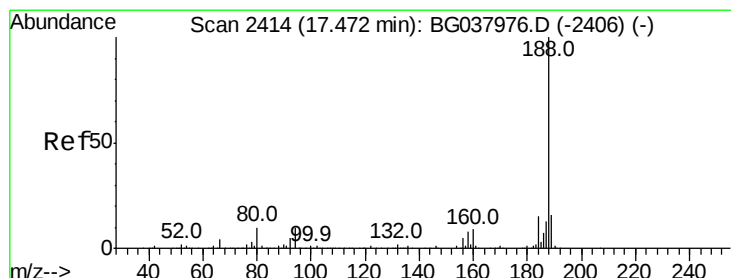
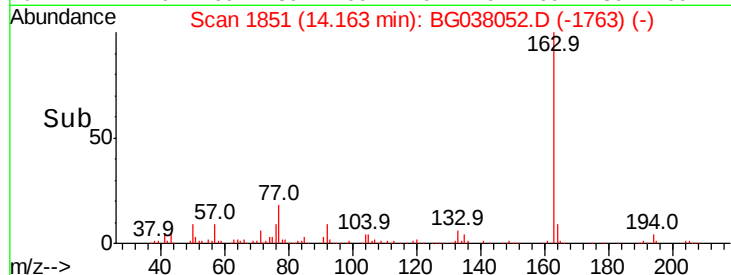
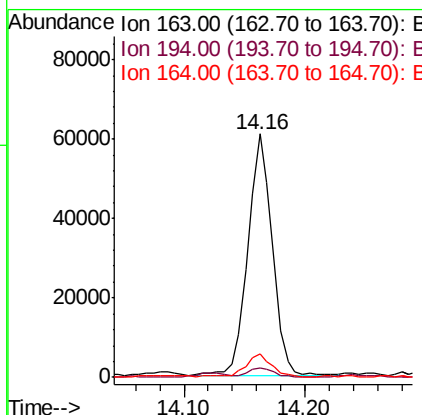
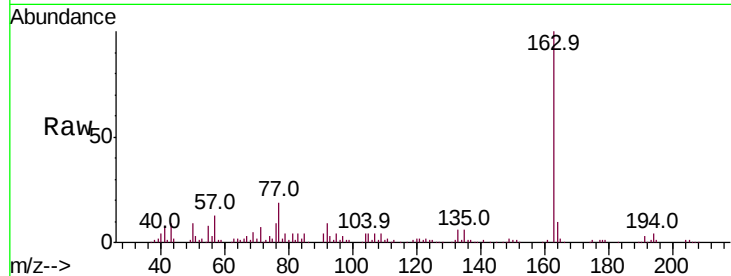




#50
Dimethylphthalate
Concen: 9.242 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038052.D
Acq: 17 Nov 2018 3:11

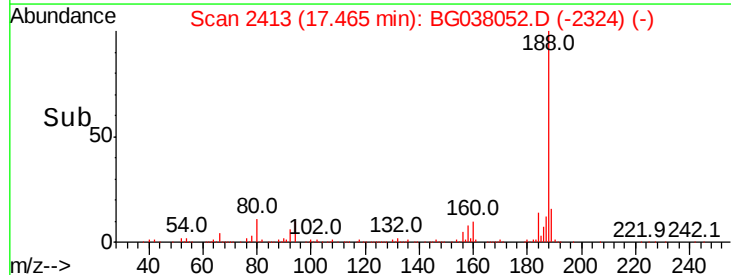
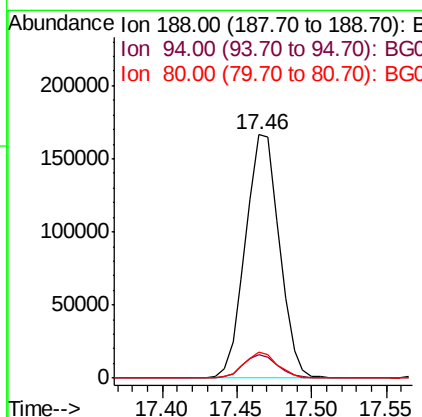
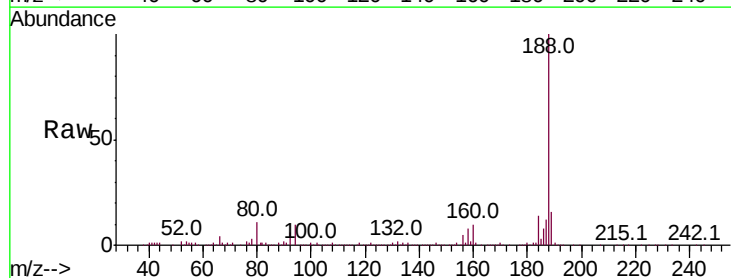
Instrument :
BNA_G
ClientSampleId :
FDSB-13(6-8)

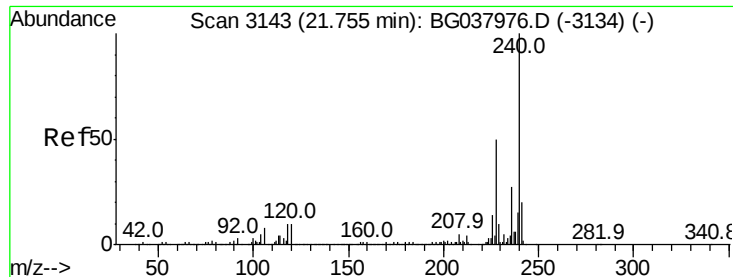
Tot Ion:163 Resp: 85541
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 9.8 8.5 12.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038052.D
Acq: 17 Nov 2018 3:11

Tgt Ion:188 Resp: 262065
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.6 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038052.D

Acq: 17 Nov 2018 3:11

Instrument :

BNA_G

ClientSampleId :

FDSB-13(6-8)

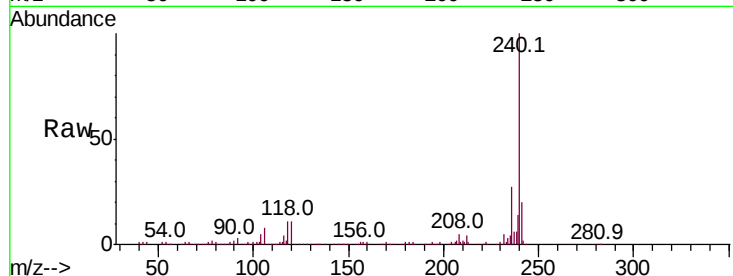
Tot Ion:240 Resp: 265179

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

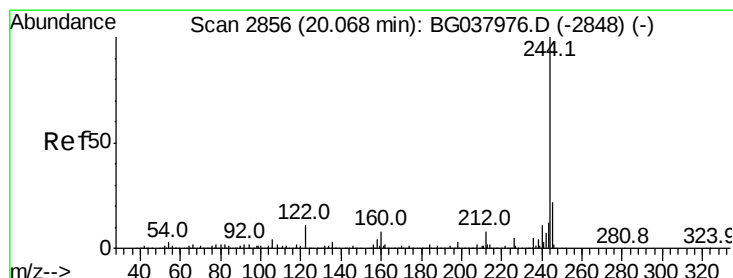
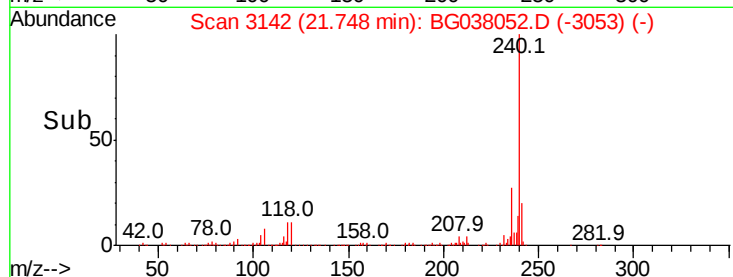
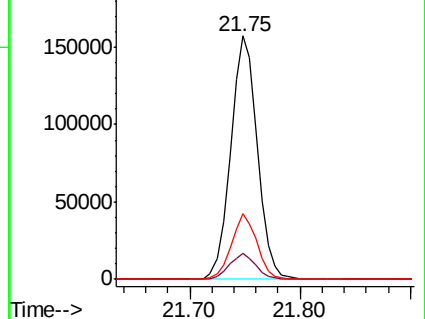
236 26.9 21.4 32.0



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: 69.827 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038052.D

Acq: 17 Nov 2018 3:11

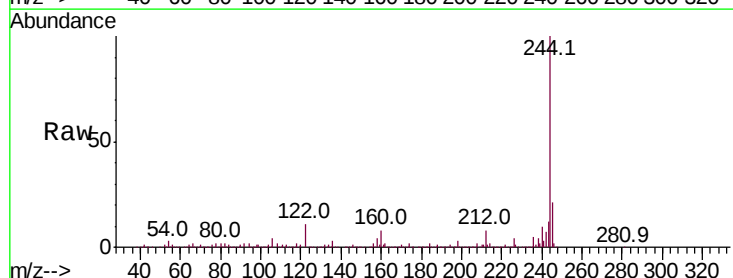
Tgt Ion:244 Resp: 786933

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

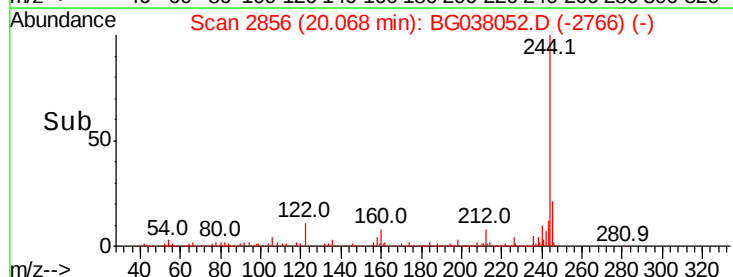
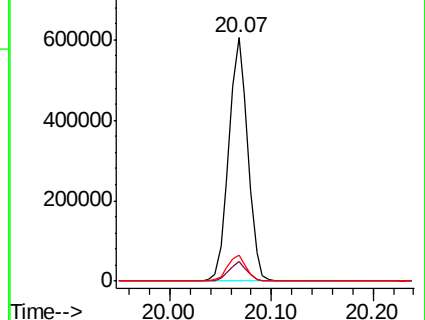
122 10.8 9.0 13.4

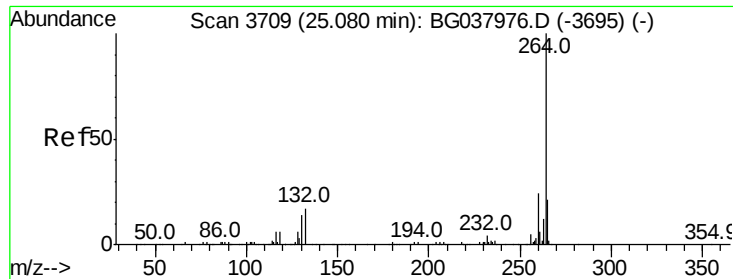


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3708
 Delta R.T. -0.01 min
 Lab File: BG038052.D
 Acq: 17 Nov 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-13(6-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.2	27.4
265	22.5	17.9	26.9

