

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038040.D
 Acq On : 16 Nov 2018 19:18
 Operator : JU/SJ
 Sample : J5951-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-04(26.5-28.5)

Quant Time: Nov 17 03:04:56 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

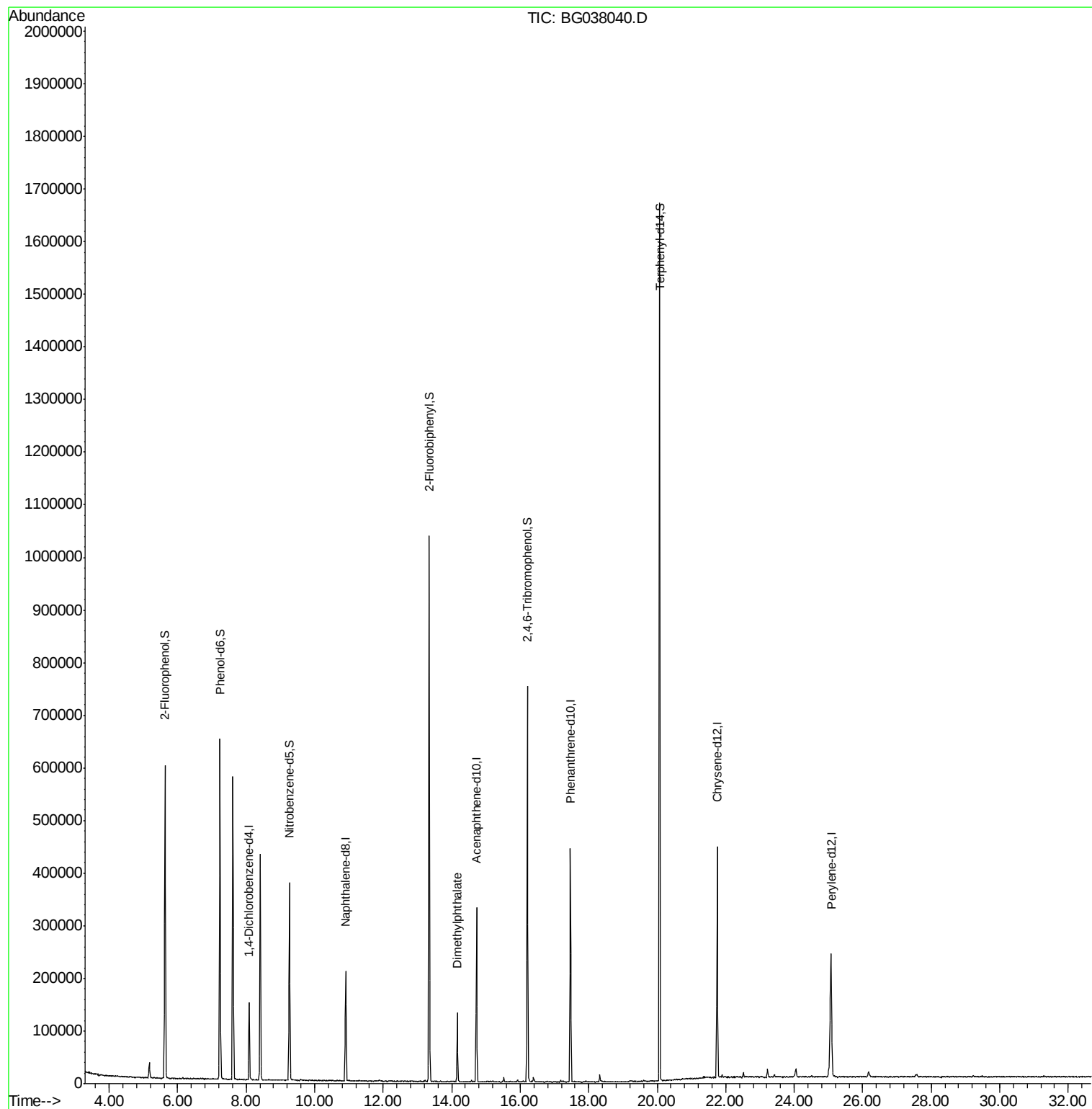
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42794	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	189832	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120025	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	275956	20.00	ng	0.00
76) Chrysene-d12	21.75	240	268149	20.00	ng	0.00
87) Perylene-d12	25.07	264	270844	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	269739	108.83	ng	0.00
7) Phenol-d6	7.23	99	389581	110.11	ng	0.00
23) Nitrobenzene-d5	9.26	82	239209	67.45	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	132419	96.74	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	547503	66.46	ng	0.00
79) Terphenyl-d14	20.07	244	826281	72.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.17	163	89097	9.364	ng	Qvalue 98

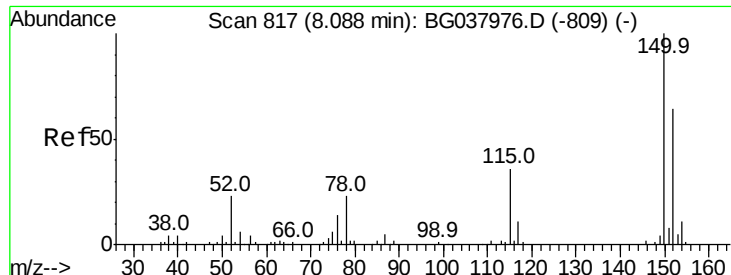
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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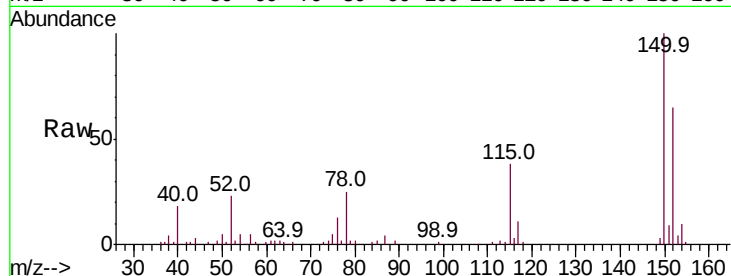


#1

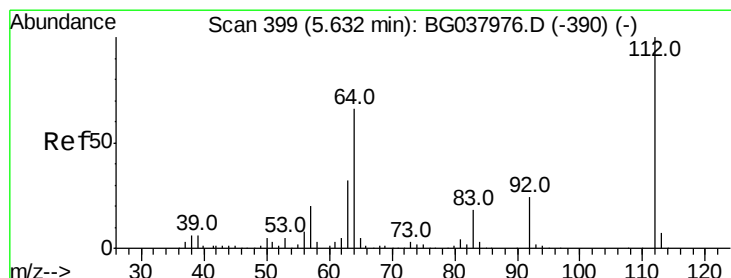
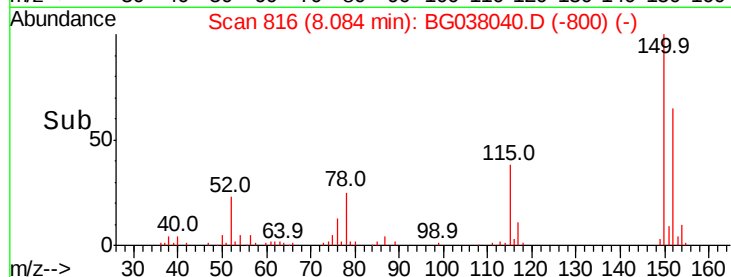
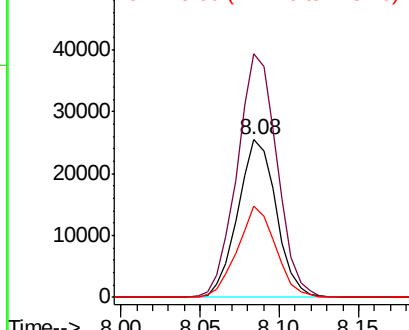
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038040.D
Acq: 16 Nov 2018 19:18

Instrument :
BNA_G
ClientSampleId :
FDSB-04(26.5-28.5)

Tot Ion:152 Resp: 42794
Ion Ratio Lower Upper
152 100
150 154.7 126.0 189.0
115 58.1 45.5 68.3



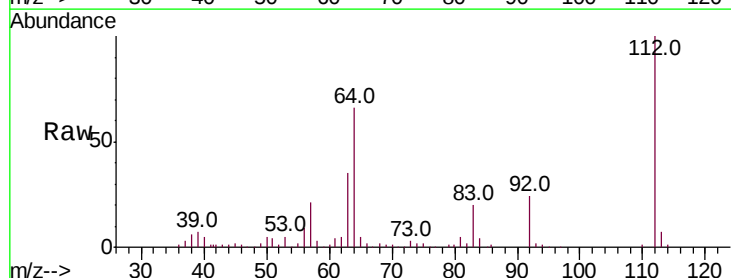
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



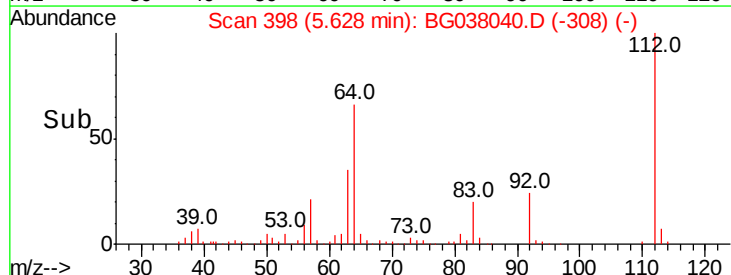
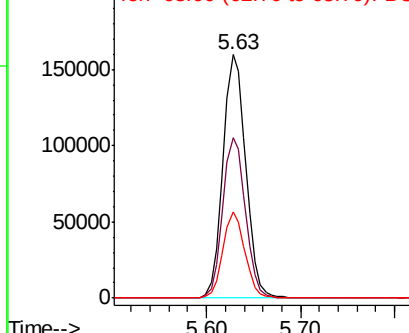
#5

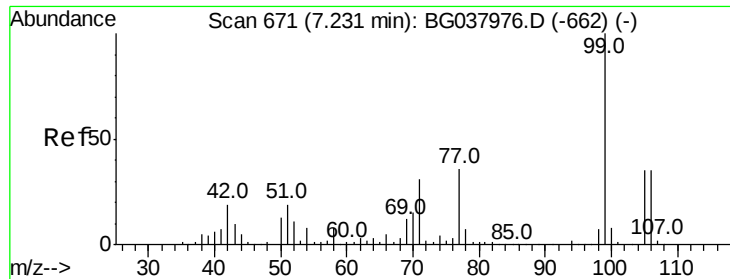
2-Fluorophenol
Concen: 108.829 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038040.D
Acq: 16 Nov 2018 19:18

Tgt Ion:112 Resp: 269739
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 35.4 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: 110.113 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038040.D

Acq: 16 Nov 2018 19:18

Instrument :

BNA_G

ClientSampleId :

FDSB-04(26.5-28.5)

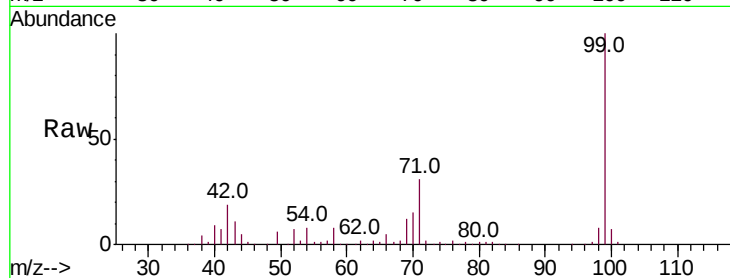
Tot Ion: 99 Resp: 389581

Ion Ratio Lower Upper

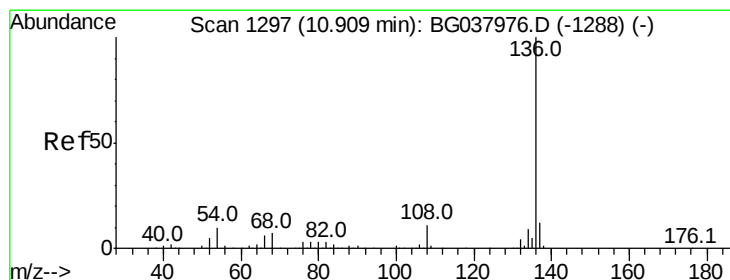
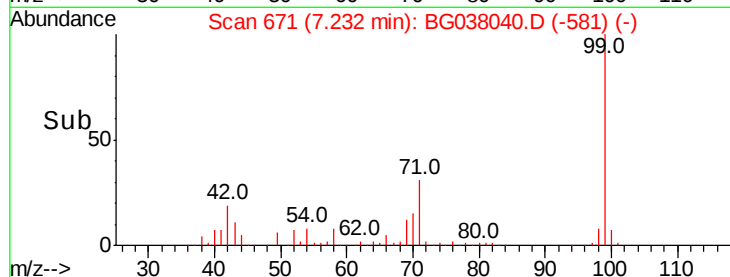
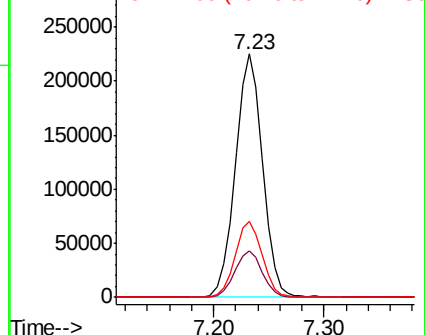
99 100

42 19.0 15.0 22.4

71 31.2 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: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038040.D

Acq: 16 Nov 2018 19:18

Tgt Ion: 136 Resp: 189832

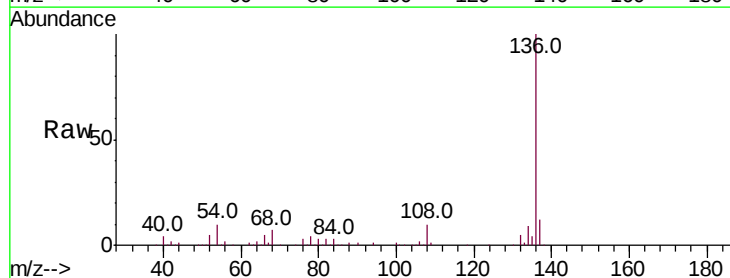
Ion Ratio Lower Upper

136 100

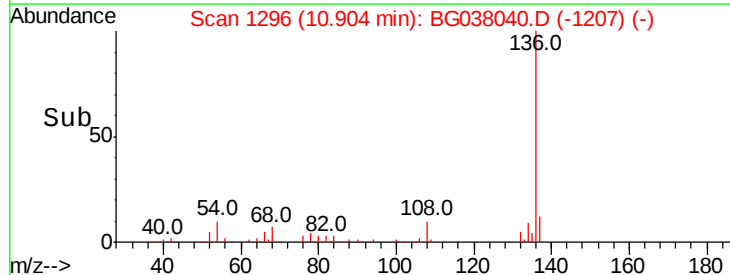
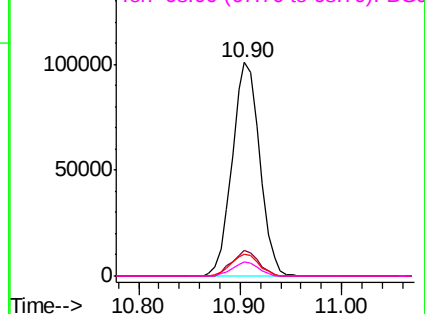
137 12.1 9.6 14.4

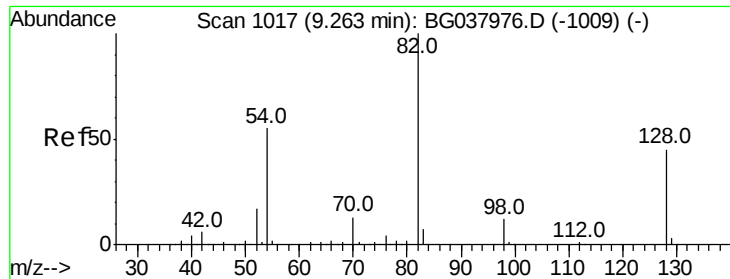
54 10.3 7.9 11.9

68 6.9 4.8 7.2



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

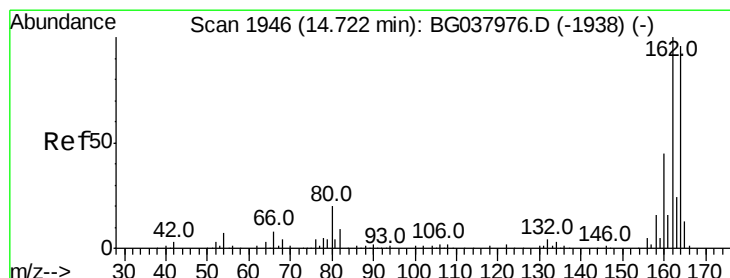
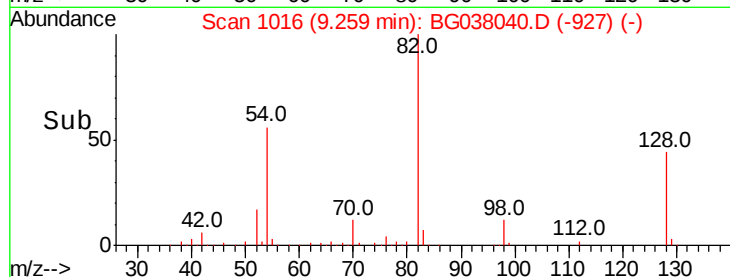
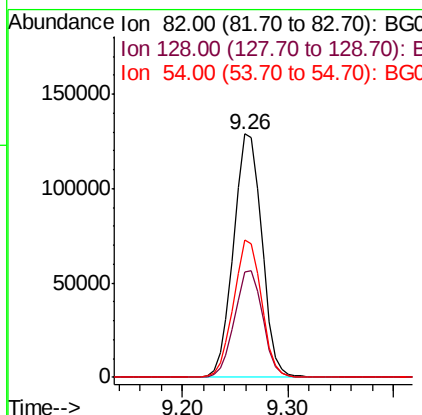
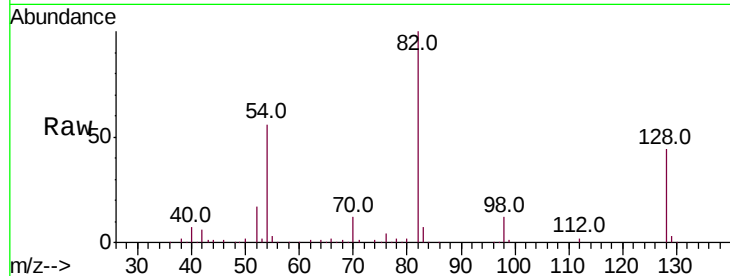




#23
 Nitrobenzene-d5
 Concen: 67.454 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG038040.D
 Acq: 16 Nov 2018 19:18

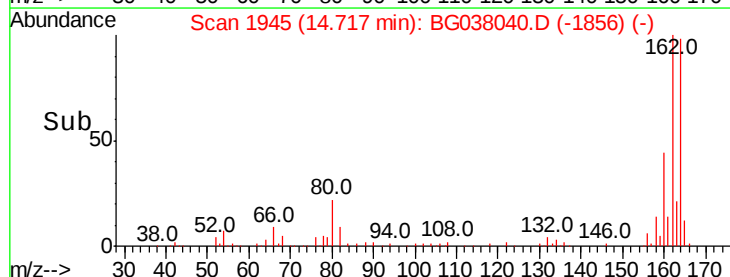
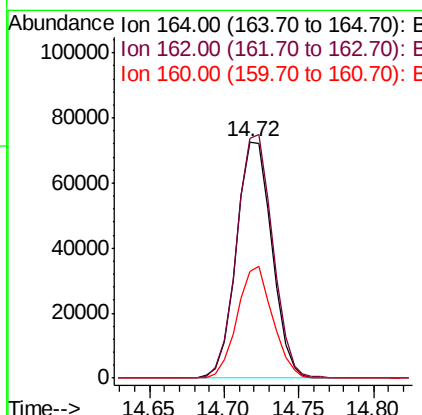
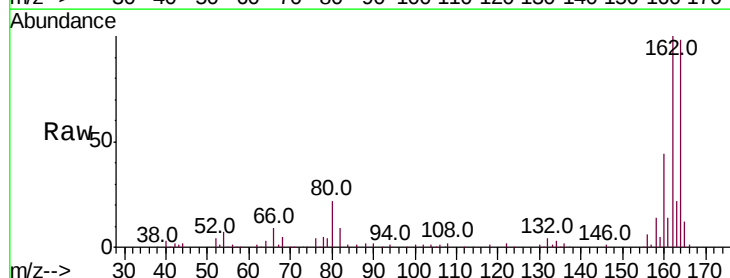
Instrument :
 BNA_G
 ClientSampleId :
 FDSB-04(26.5-28.5)

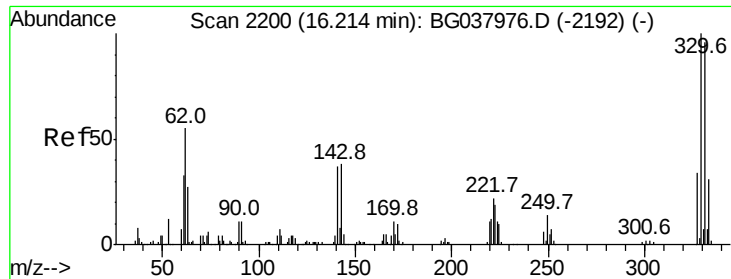
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	56.3	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BG038040.D
 Acq: 16 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.3	121.9
160	45.2	36.3	54.5

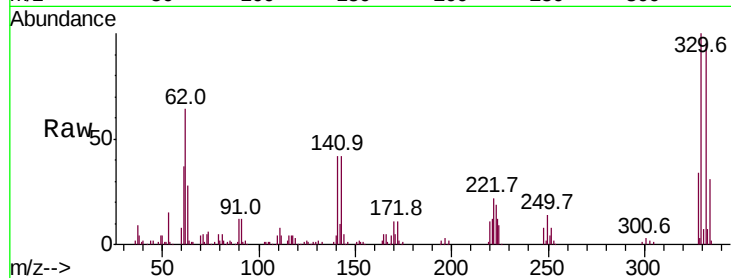




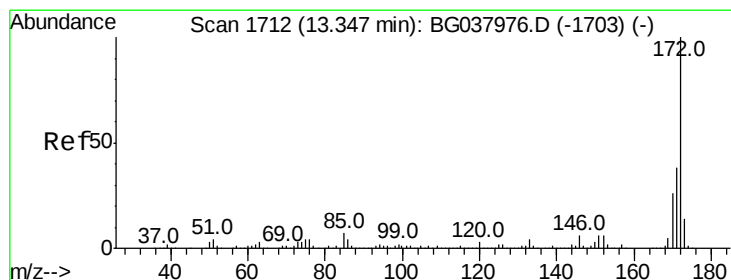
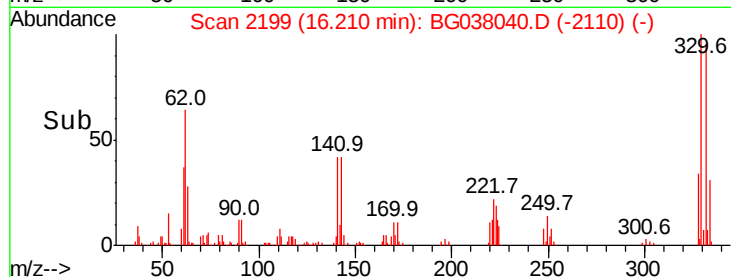
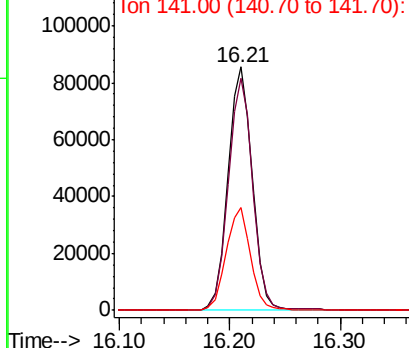
#42
 2,4,6-Tribromophenol
 Concen: 96.737 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038040.D
 Acq: 16 Nov 2018 19:18

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-04(26.5-28.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	42.3	32.2	48.2

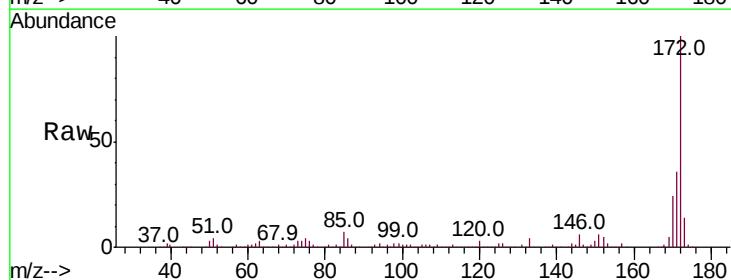


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

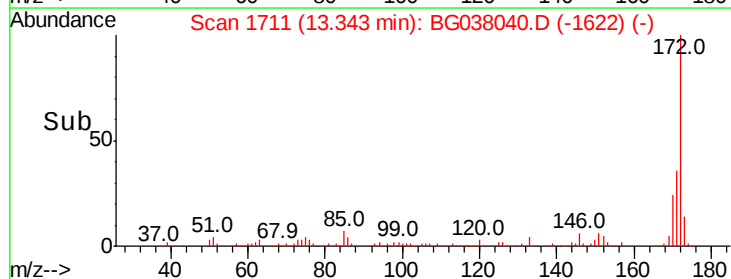
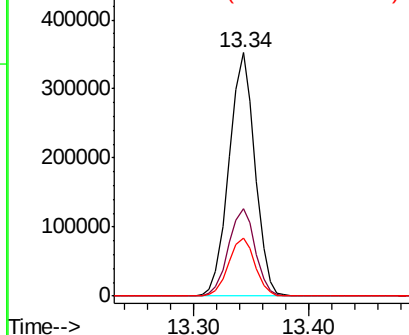


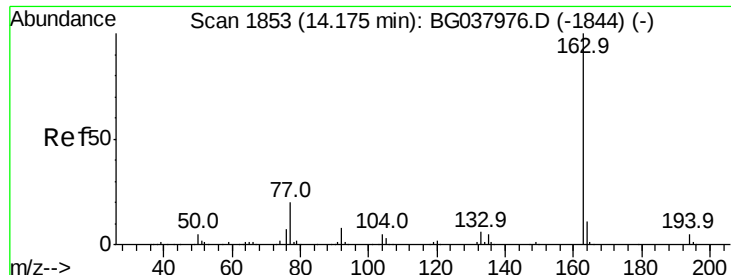
#45
 2-Fluorobiphenyl
 Concen: 66.455 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038040.D
 Acq: 16 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	31.0	46.4
170	23.6	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: 9.364 ng

RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038040.D

Acq: 16 Nov 2018 19:18

Instrument :

BNA_G

ClientSampleId :

FDSB-04(26.5-28.5)

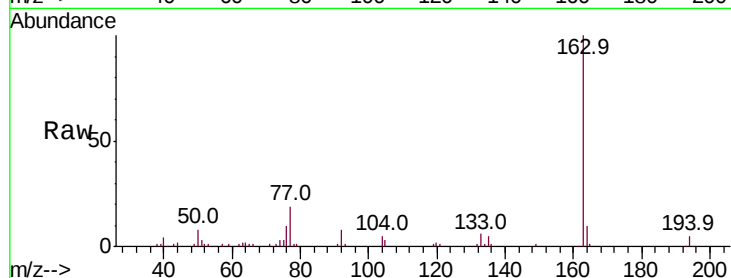
Tot Ion:163 Resp: 89097

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

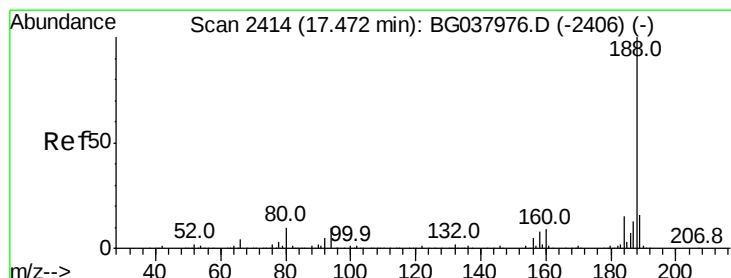
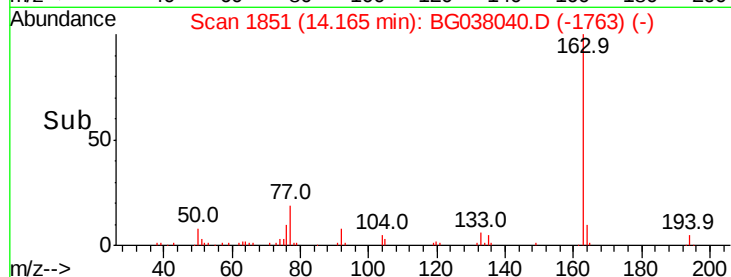
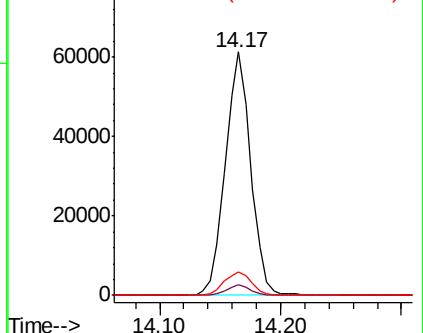
164 9.8 8.5 12.7



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: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038040.D

Acq: 16 Nov 2018 19:18

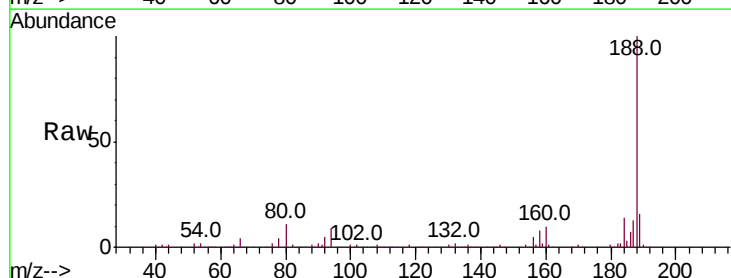
Tgt Ion:188 Resp: 275956

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

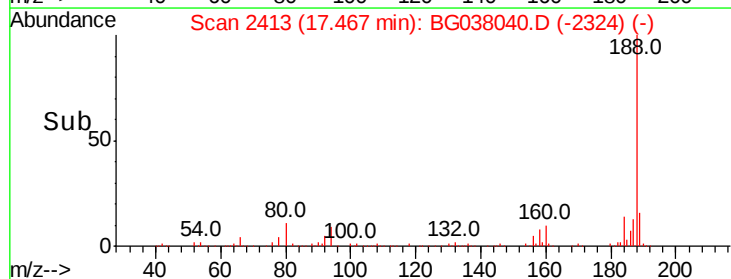
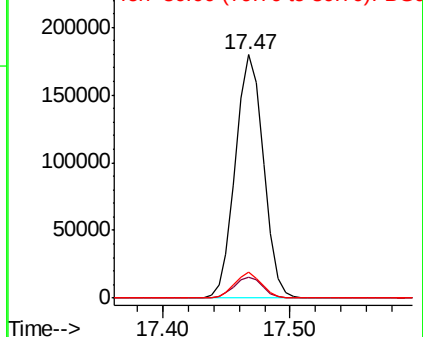
80 10.8 7.7 11.5

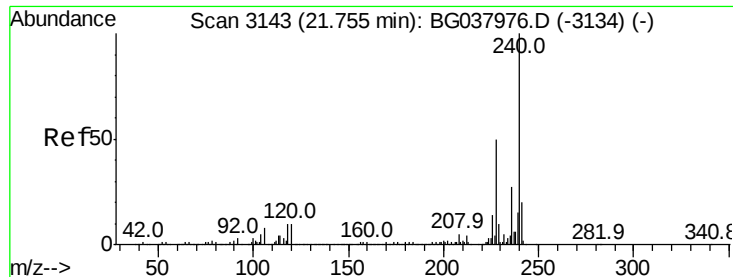


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038040.D

Acq: 16 Nov 2018 19:18

Instrument :

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ClientSampleId :

FDSB-04(26.5-28.5)

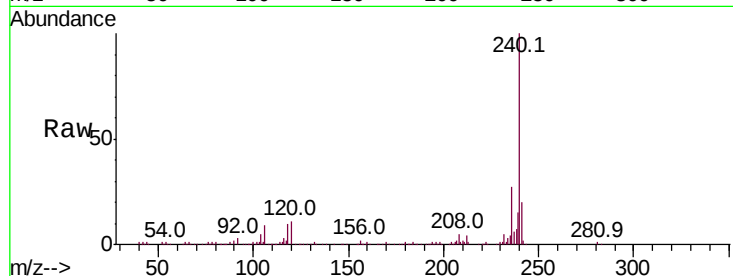
Tot Ion:240 Resp: 268149

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

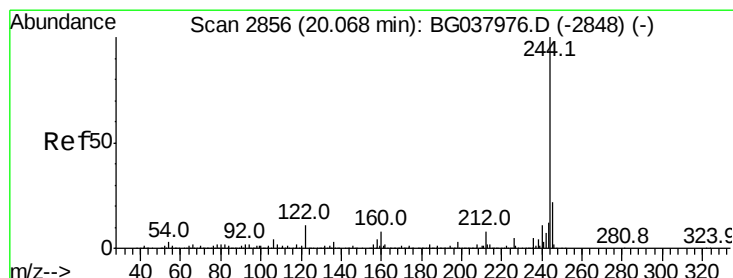
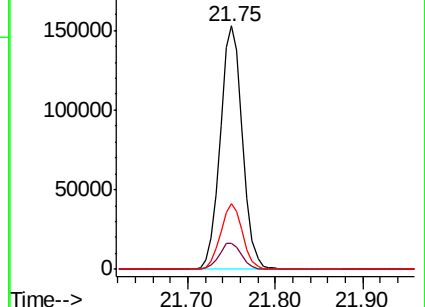
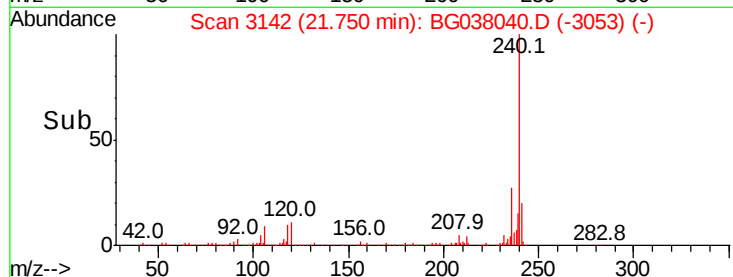
236 27.0 21.4 32.0



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: 72.506 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038040.D

Acq: 16 Nov 2018 19:18

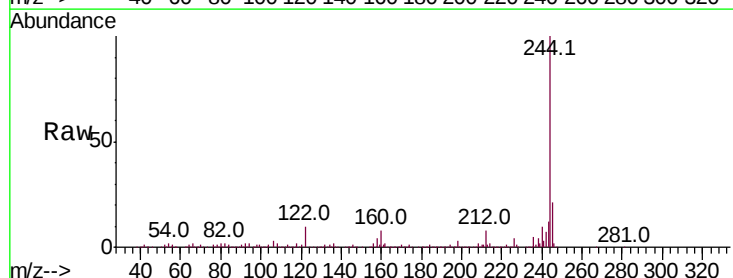
Tgt Ion:244 Resp: 826281

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

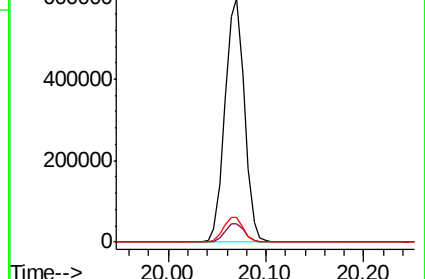
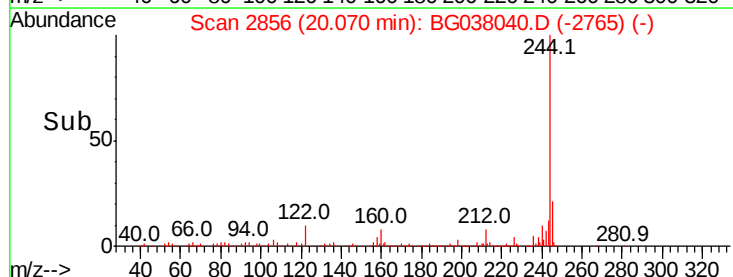
122 10.2 9.0 13.4

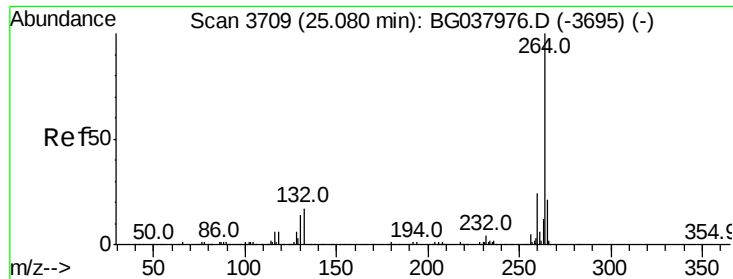


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3707

Delta R.T. -0.01 min

Lab File: BG038040.D

Acq: 16 Nov 2018 19:18

Instrument :
BNA_G
ClientSampleId :
FDSB-04(26.5-28.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.2	17.9	26.9

