

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096842.D
 Acq On : 18 Jul 2017 12:35
 Operator : SJ/JU
 Sample : I4224-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEC-02

Quant Time: Jul 18 14:18:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

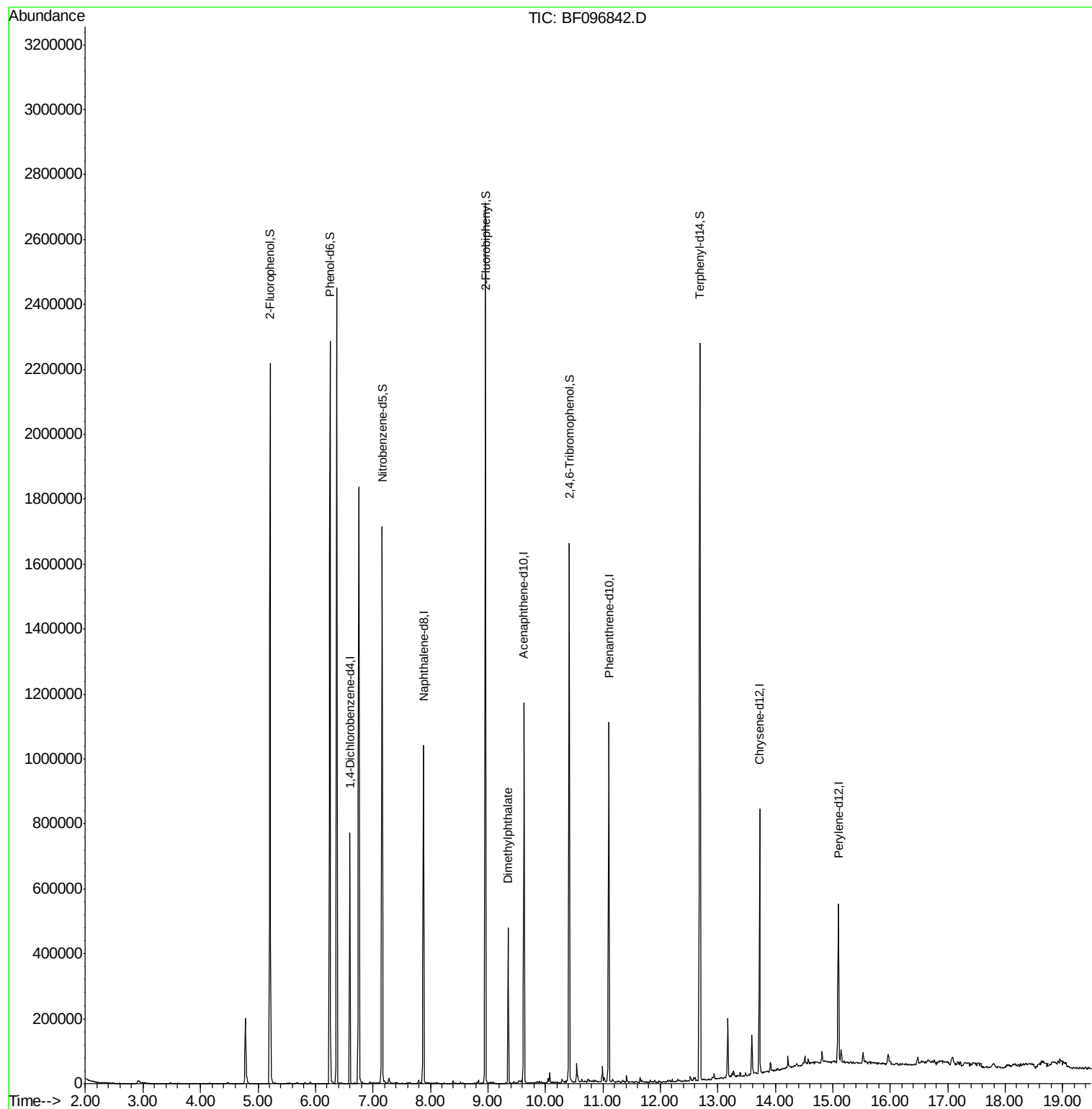
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	110839	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	508151	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	226420	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	380793	20.00	ng	0.00
75) Chrysene-d12	13.73	240	258992	20.00	ng	0.00
86) Perylene-d12	15.10	264	191846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	677641	91.93	ng	0.02
7) Phenol-d6	6.25	99	844646	95.48	ng	0.00
23) Nitrobenzene-d5	7.16	82	536063	65.34	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	204370	105.74	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	947914	66.14	ng	0.00
78) Terphenyl-d14	12.69	244	768701	51.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.35	163	184313	10.811	ng	Qvalue 100

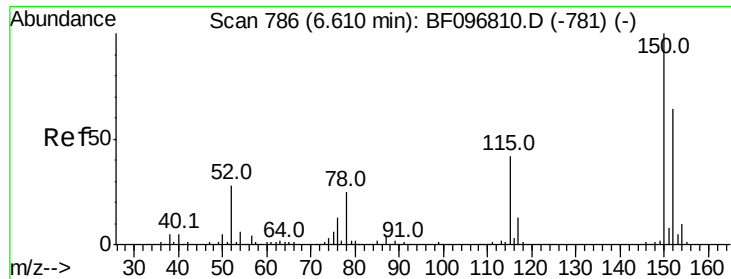
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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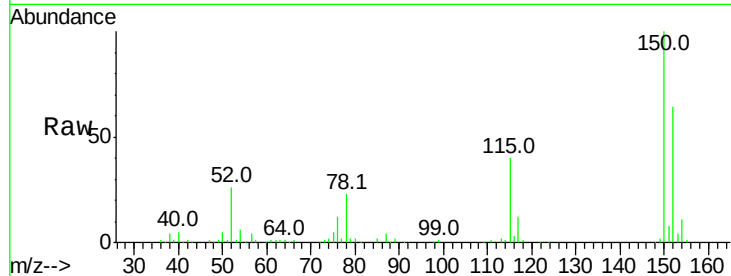


#1

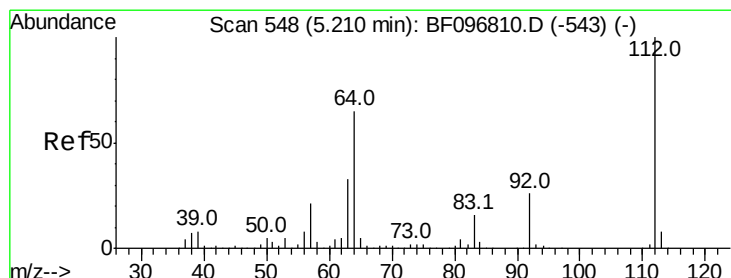
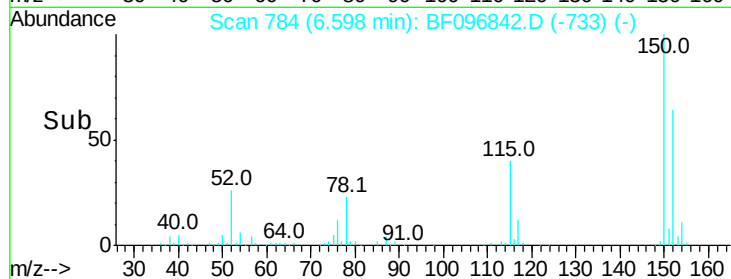
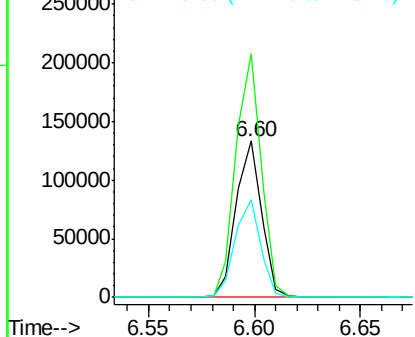
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096842.D
Acq: 18 Jul 2017 12:35

Instrument :
BNA_F
ClientSampled :
DEC-02

Tot Ion:152 Resp: 110839
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 62.2 52.2 78.2



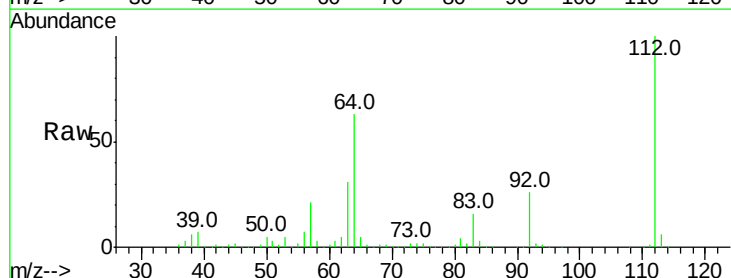
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



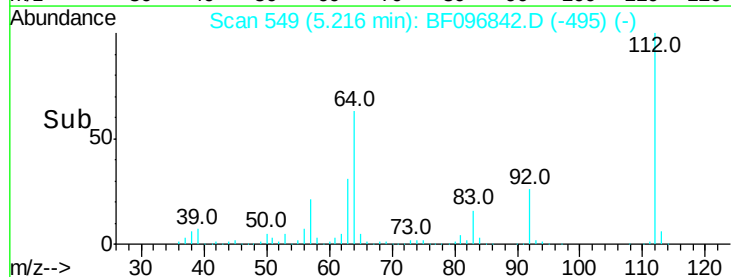
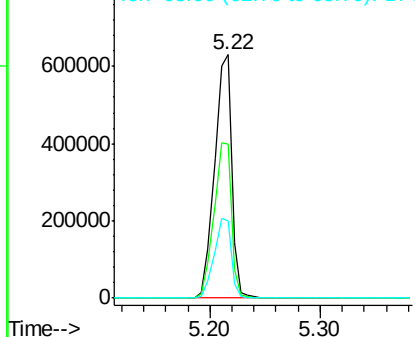
#5

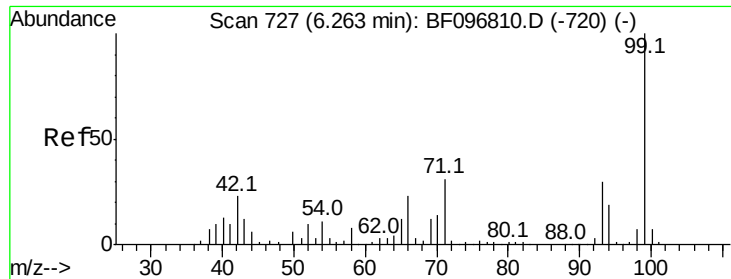
2-Fluorophenol
Concen: 91.925 ng
RT: 5.22 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF096842.D
Acq: 18 Jul 2017 12:35

Tgt Ion:112 Resp: 677641
Ion Ratio Lower Upper
112 100
64 63.1 46.0 69.0
63 31.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.481 ng

RT: 6.25 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

Instrument :

BNA_F

ClientSampleId :

DEC-02

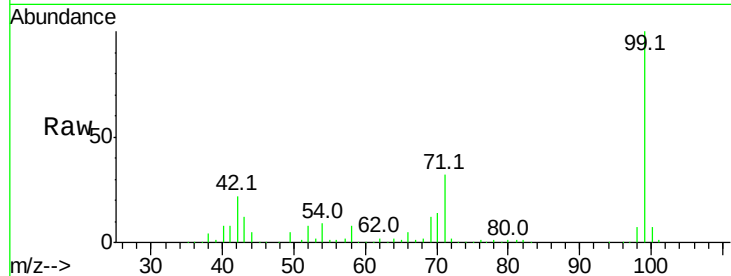
Tot Ion: 99 Resp: 844646

Ion Ratio Lower Upper

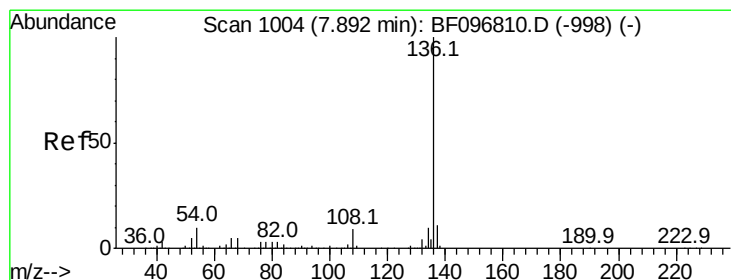
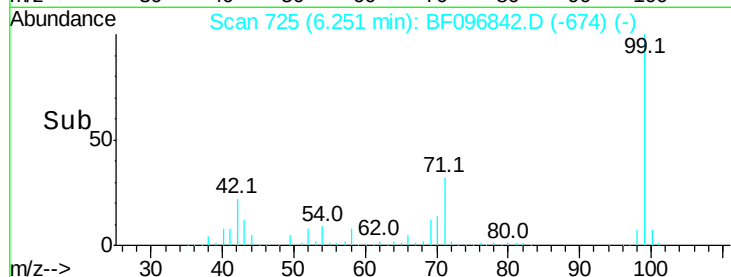
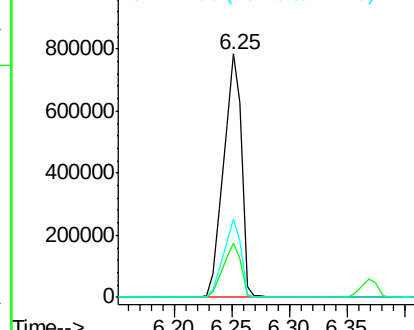
99 100

42 22.4 13.5 20.3#

71 32.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

Tgt Ion: 136 Resp: 508151

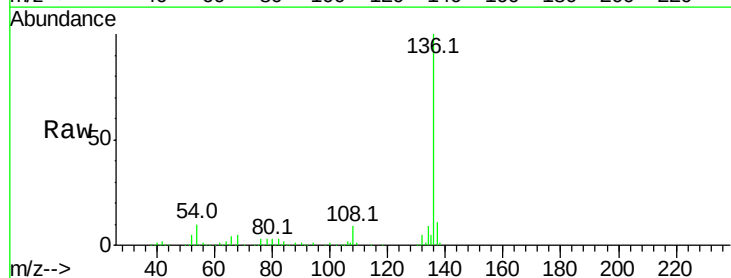
Ion Ratio Lower Upper

136 100

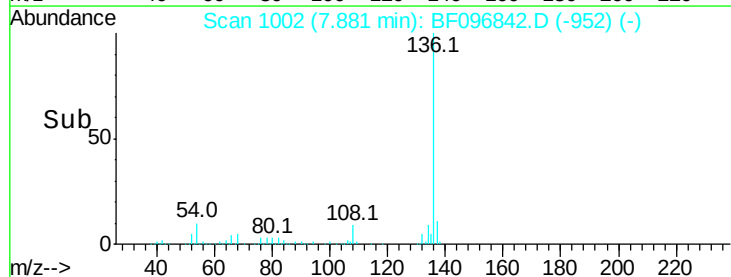
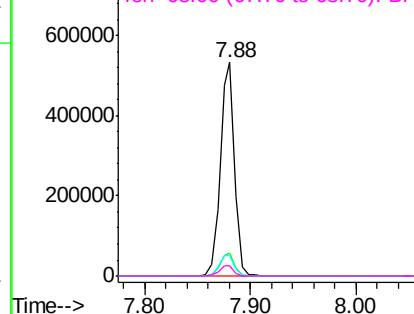
137 10.8 8.5 12.7

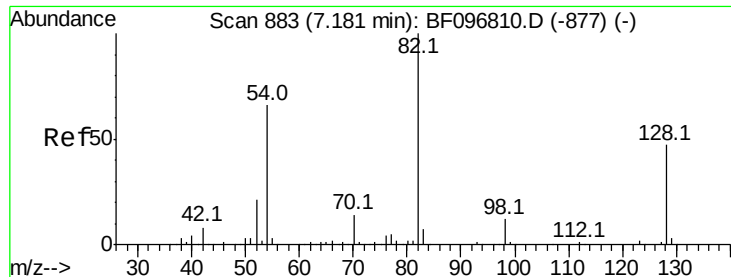
54 9.7 4.9 7.3#

68 4.6 4.1 6.1



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

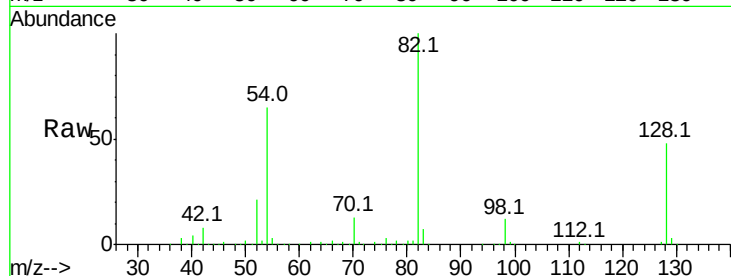




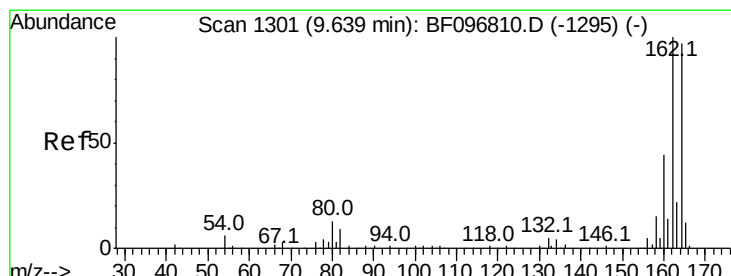
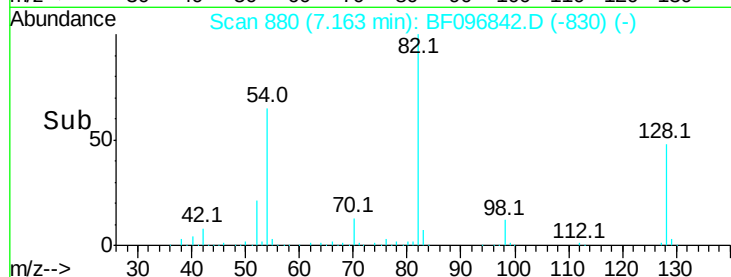
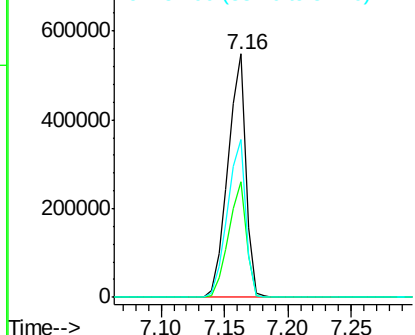
#23
 Nitrobenzene-d5
 Concen: 65.343 ng
 RT: 7.16 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096842.D
 Acq: 18 Jul 2017 12:35

Instrument :
 BNA_F
 ClientSampleId :
 DEC-02

Tot Ion: 82 Resp: 536063
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 64.8 42.2 63.2#

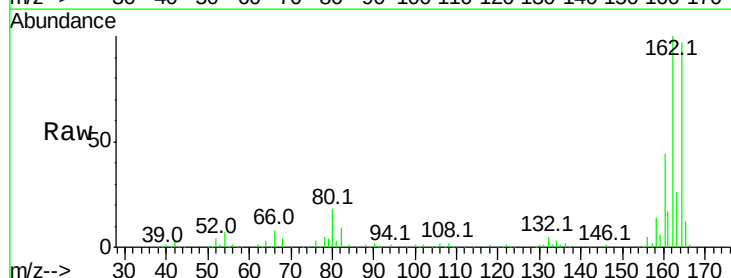


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

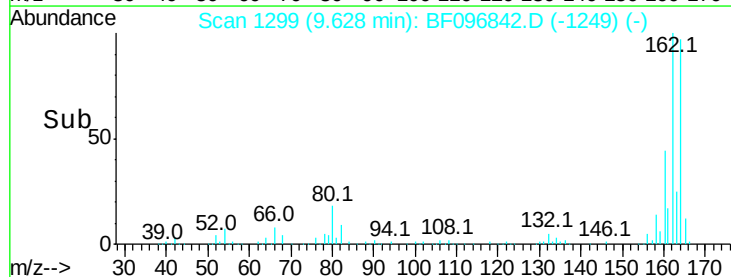
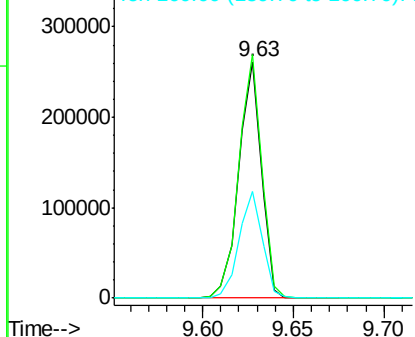


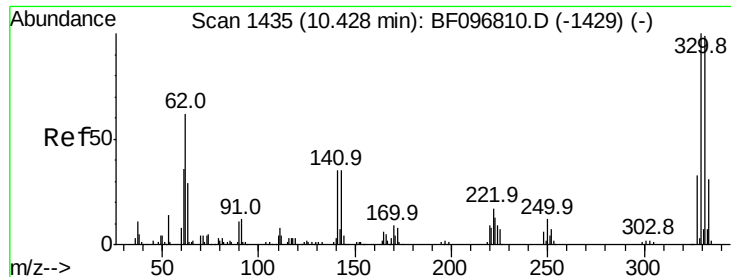
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096842.D
 Acq: 18 Jul 2017 12:35

Tgt Ion:164 Resp: 226420
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 45.3 36.2 54.2



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

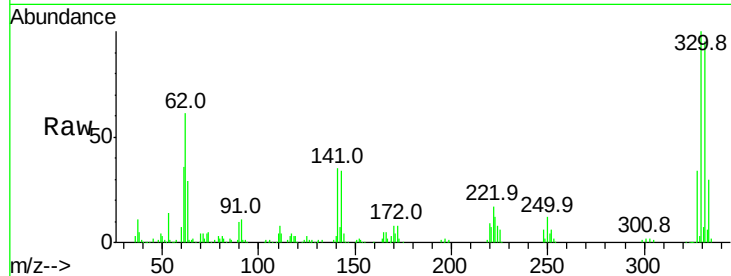




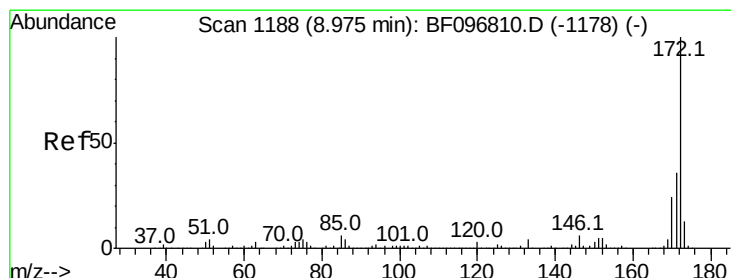
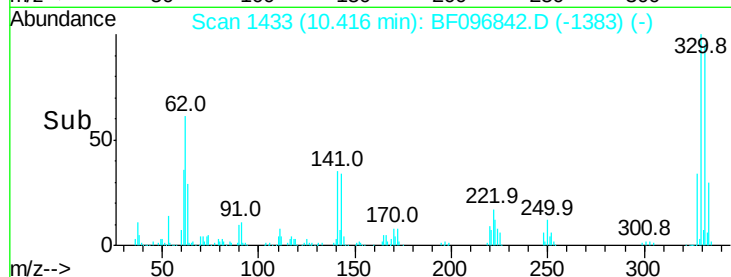
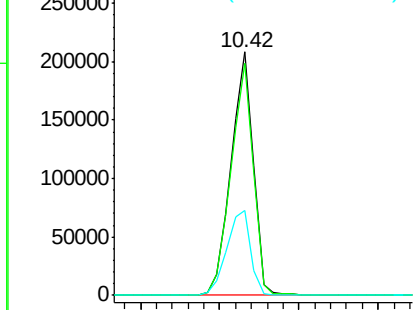
#41
 2,4,6-Tribromophenol
 Concen: 105.744 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096842.D
 Acq: 18 Jul 2017 12:35

Instrument :
 BNA_F
 ClientSampleId :
 DEC-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	37.5	31.4	47.2

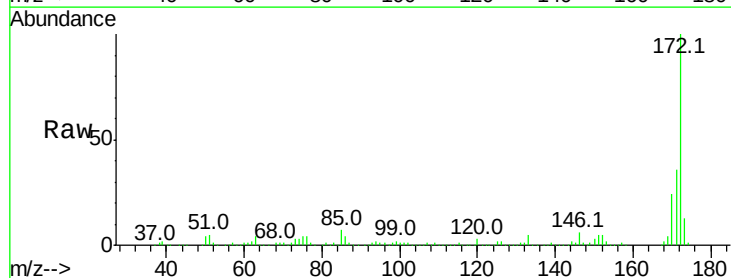


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

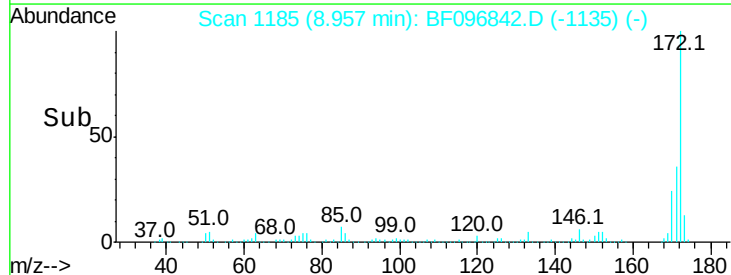
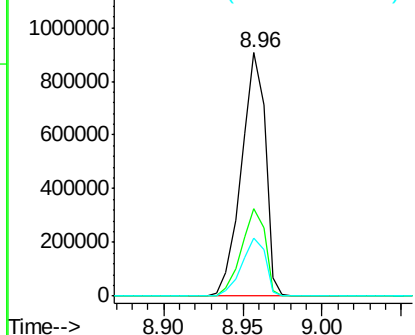


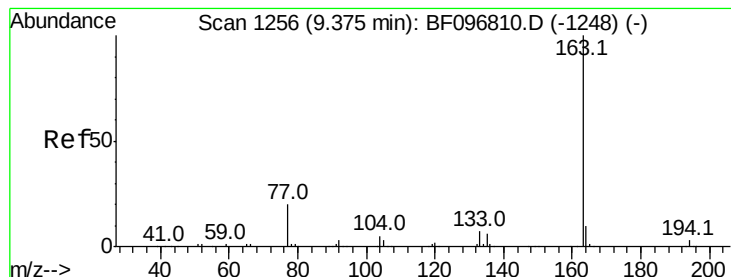
#44
 2-Fluorobiphenyl
 Concen: 66.144 ng
 RT: 8.96 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096842.D
 Acq: 18 Jul 2017 12:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.1	19.8	29.8



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





#49

Dimethylphthalate

Concen: 10.811 ng

RT: 9.35 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

Instrument :

BNA_F

ClientSampled :

DEC-02

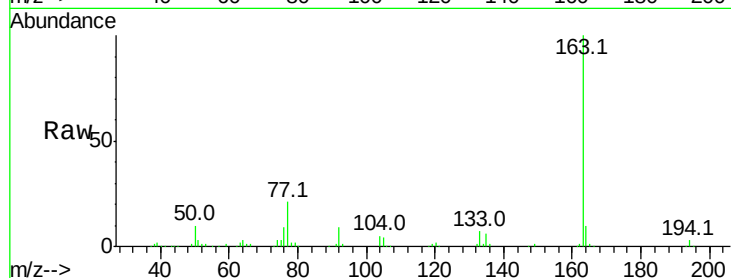
Tot Ion:163 Resp: 184313

Ion Ratio Lower Upper

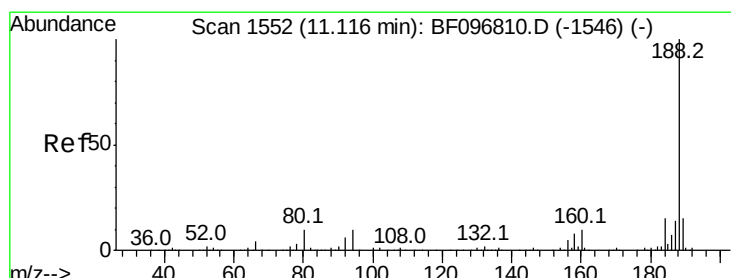
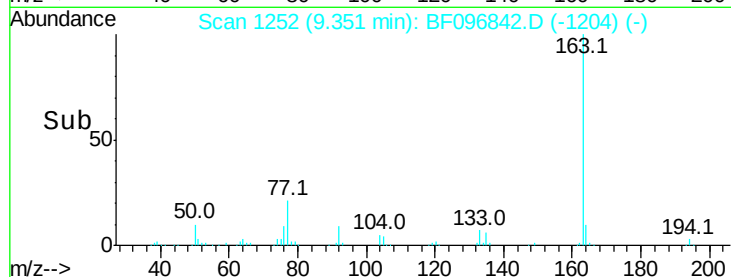
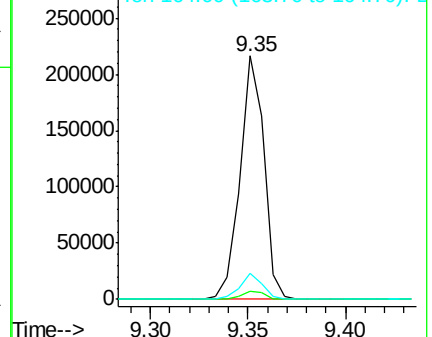
163 100

194 3.1 2.6 4.0

164 10.5 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

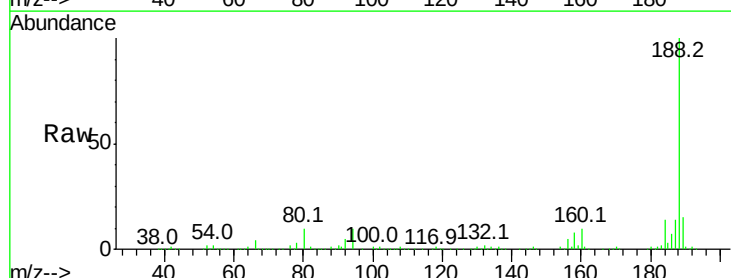
Tgt Ion:188 Resp: 380793

Ion Ratio Lower Upper

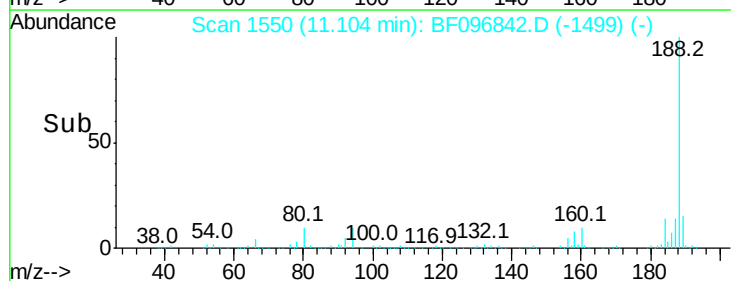
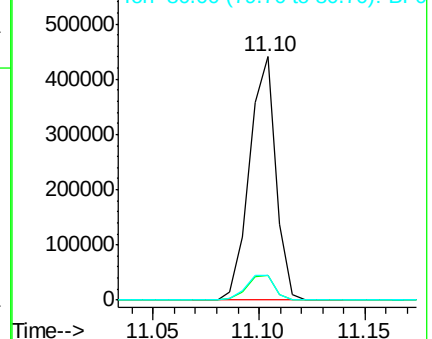
188 100

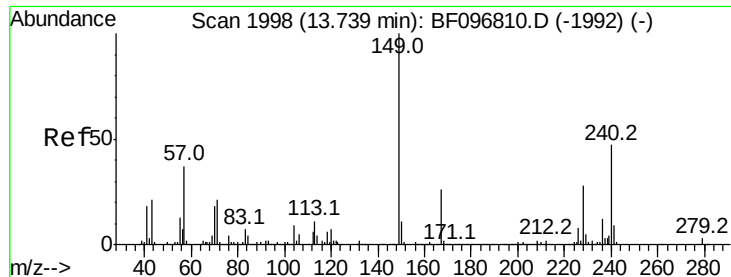
94 10.2 9.4 14.2

80 10.1 10.2 15.2#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

Instrument :

BNA_F

ClientSampleId :

DEC-02

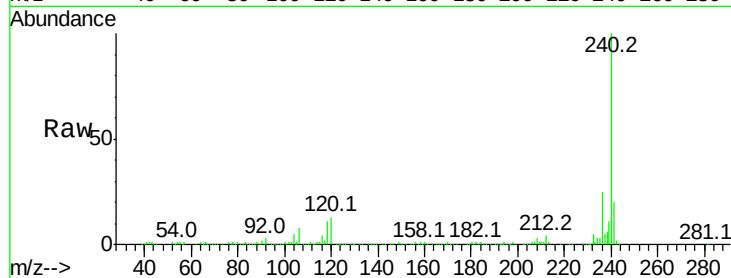
Tot Ion:240 Resp: 258992

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

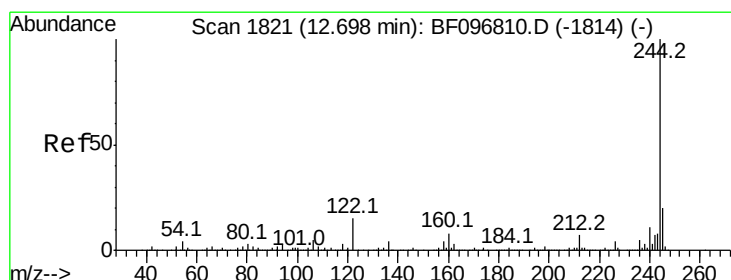
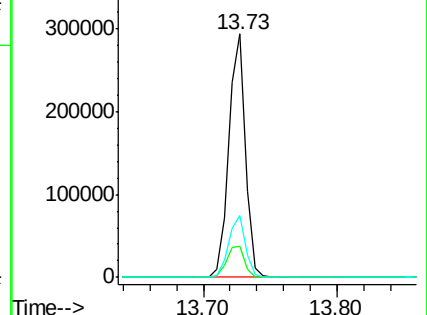
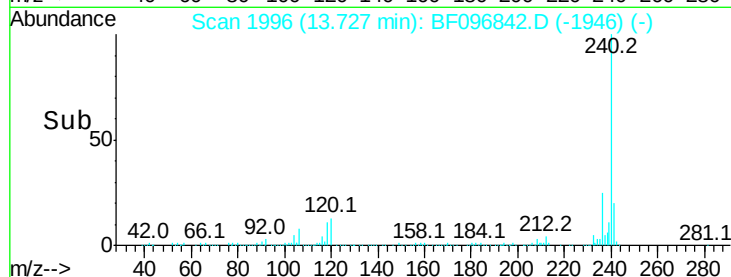
236 25.5 20.5 30.7



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



#78

Terphenyl-d14

Concen: 51.474 ng

RT: 12.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

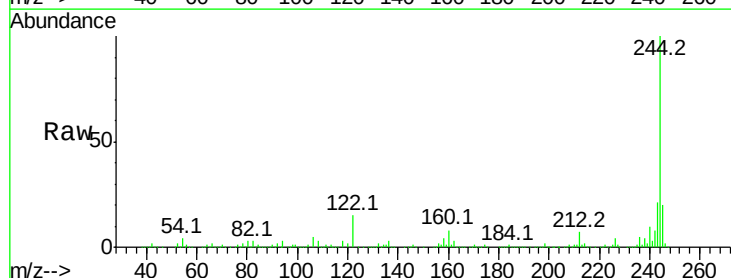
Tgt Ion:244 Resp: 768701

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

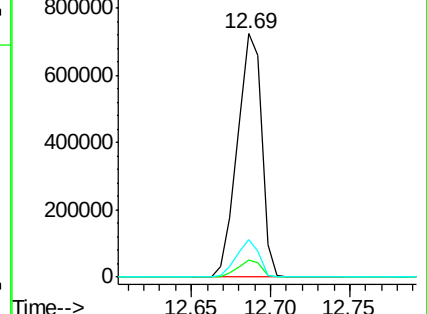
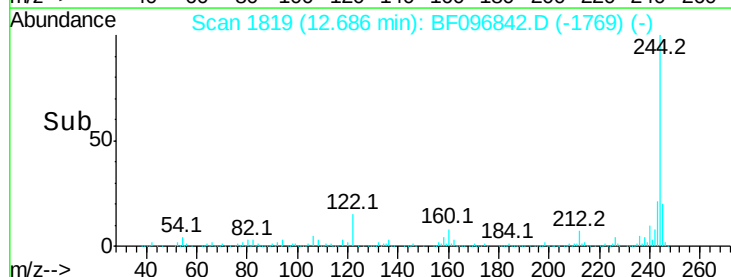
122 15.3 10.3 15.5

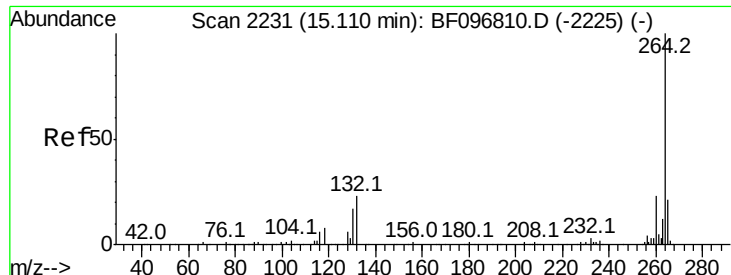


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

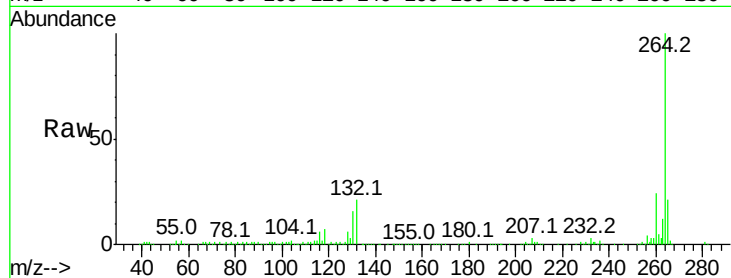




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096842.D
Acq: 18 Jul 2017 12:35

Instrument :
BNA_F
ClientSampleId :
DEC-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.8	17.2	25.8



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

