

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098357.D
 Acq On : 8 Sep 2017 18:20
 Operator : SJ/JU
 Sample : PB102130BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BL

Quant Time: Sep 08 18:48:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 15:02:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	108142	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	416475	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	169001	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	264147	20.00	ng	0.00
75) Chrysene-d12	13.83	240	224016	20.00	ng	0.00
86) Perylene-d12	15.24	264	219141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	551459	77.57	ng	0.02
7) Phenol-d6	6.33	99	723044	74.85	ng	0.00
23) Nitrobenzene-d5	7.25	82	631480	82.37	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	101630	69.31	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	975206	84.78	ng	0.00
78) Terphenyl-d14	12.79	244	631633	58.80	ng	0.00

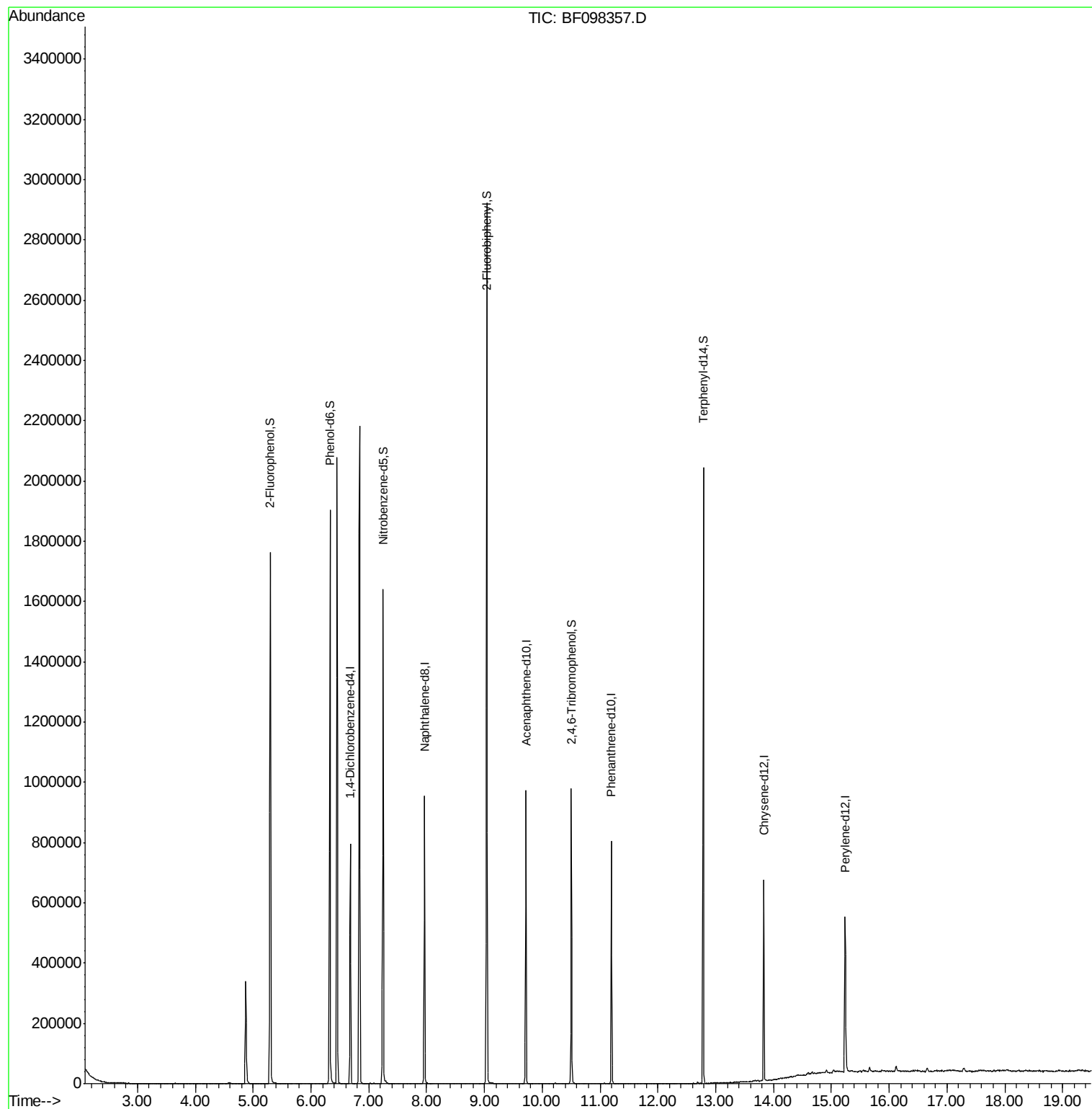
Target Compounds Qvalue

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

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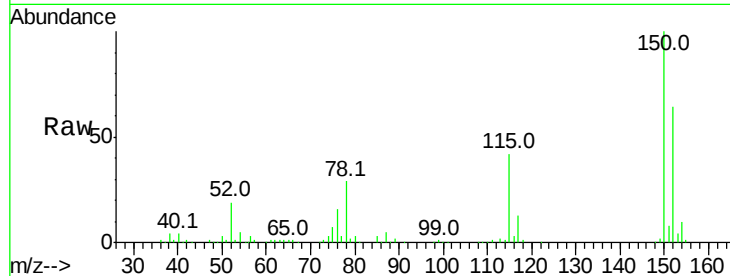


#1

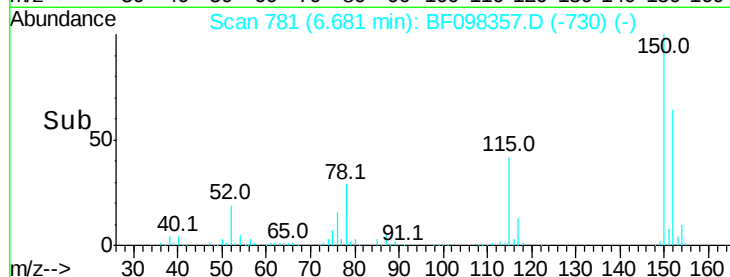
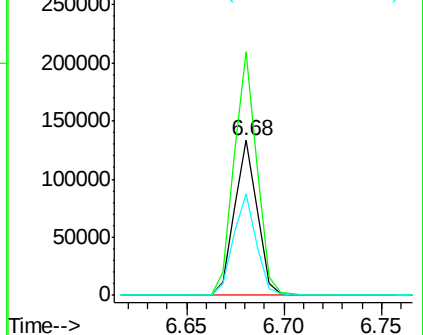
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF098357.D
 Acq: 8 Sep 2017 18:20

Instrument :
 BNA_F
 ClientSampled :
 PB102130BL

Tot Ion:152 Resp: 108142
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.2 189.2
 115 65.9 52.2 78.2



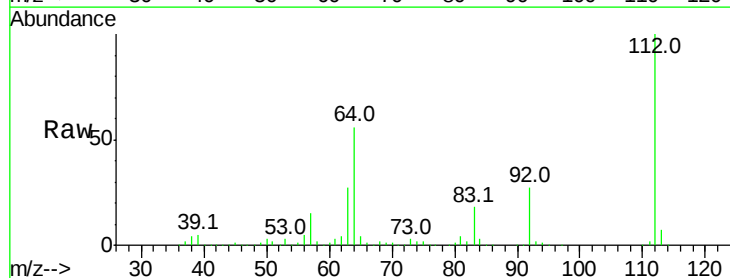
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



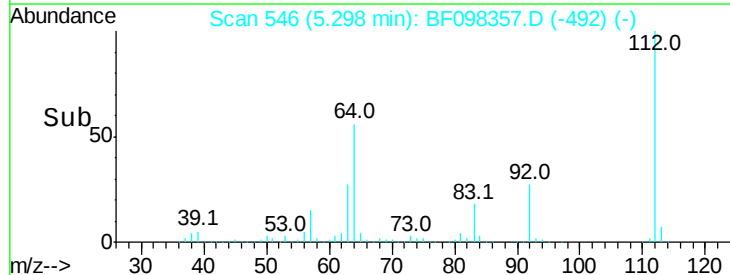
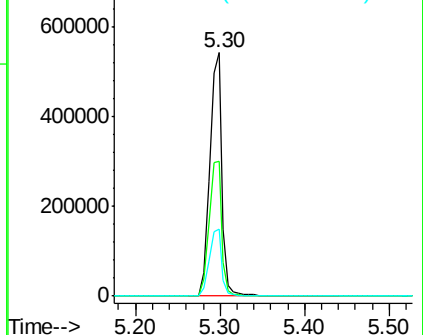
#5

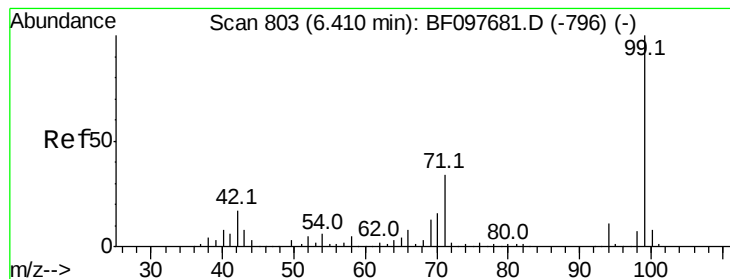
2-Fluorophenol
 Concen: 77.566 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.02 min
 Lab File: BF098357.D
 Acq: 8 Sep 2017 18:20

Tgt Ion:112 Resp: 551459
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.0 69.0
 63 27.3 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: 74.850 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

Instrument :

BNA_F

ClientSampleId :

PB102130BL

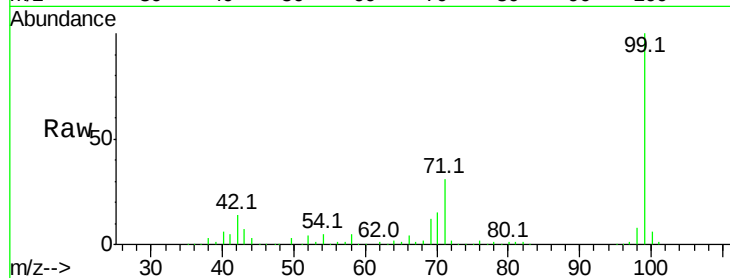
Tot Ion: 99 Resp: 723044

Ion Ratio Lower Upper

99 100

42 14.3 13.5 20.3

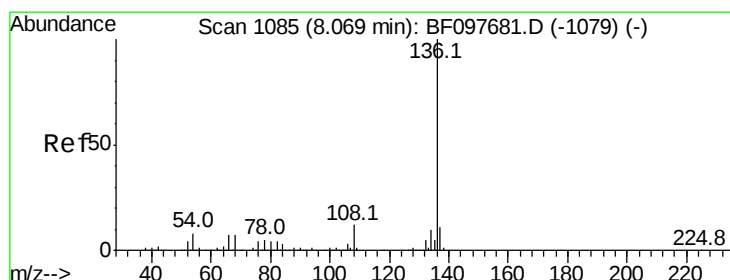
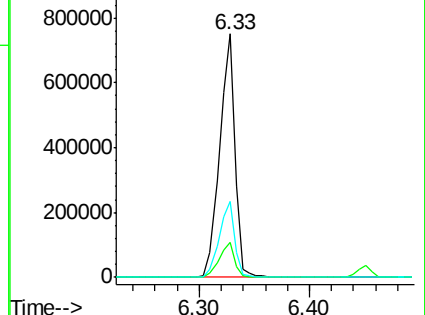
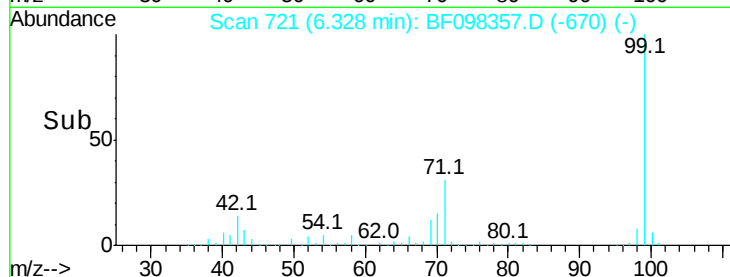
71 31.2 24.5 36.7



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

Tgt Ion: 136 Resp: 416475

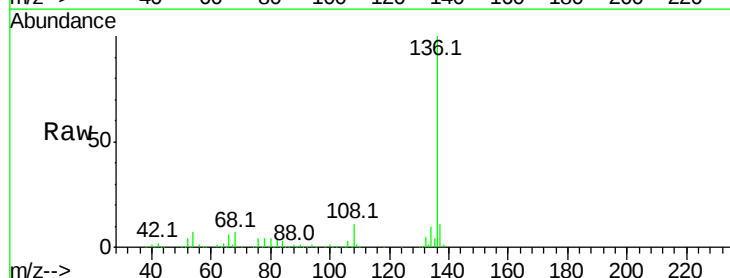
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.3 4.9 7.3#

68 7.4 4.1 6.1#

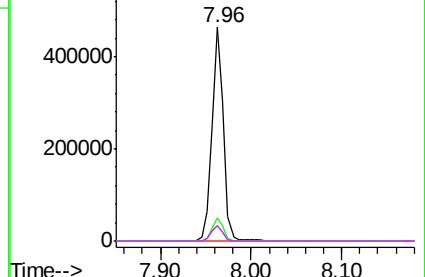
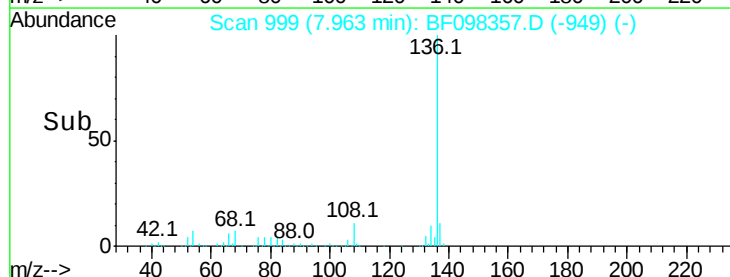


Abundance Ion 136.00 (135.70 to 136.70): E

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

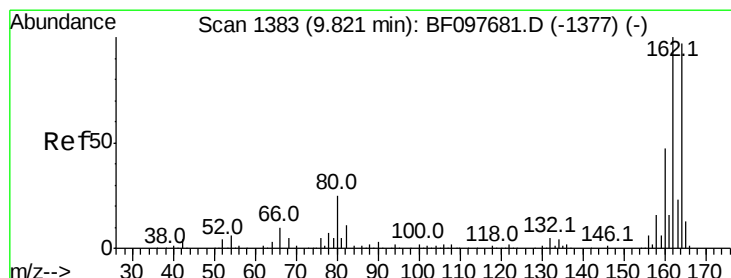
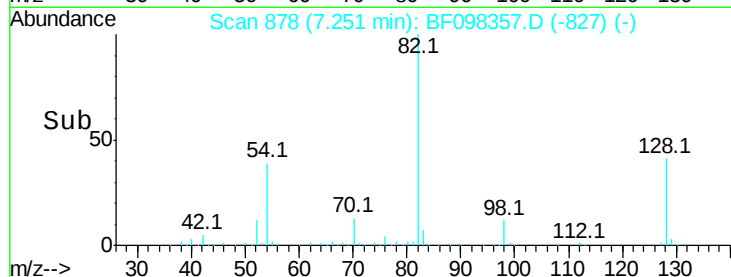
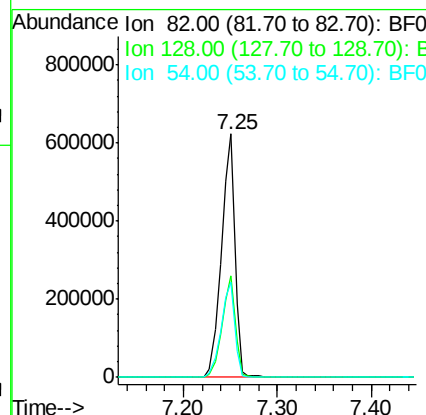
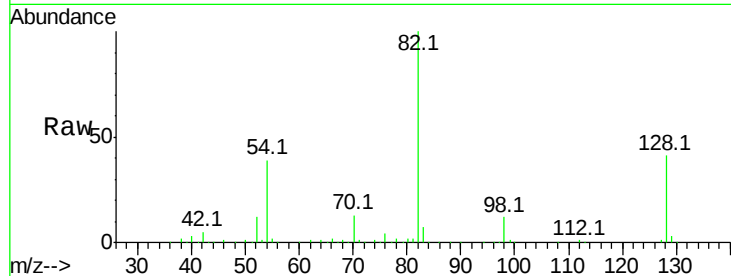




#23
 Nitrobenzene-d5
 Concen: 82.370 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF098357.D
 Acq: 8 Sep 2017 18:20

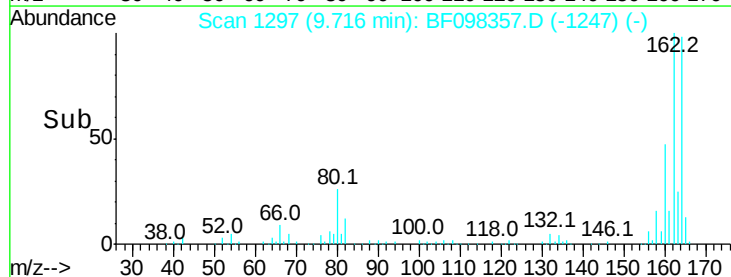
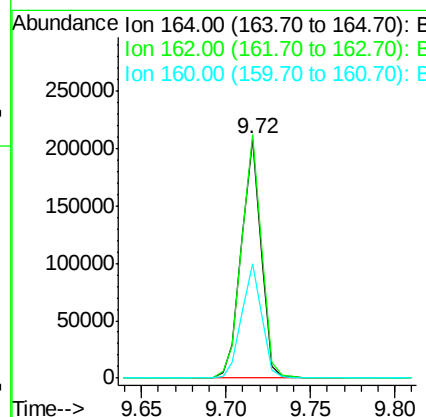
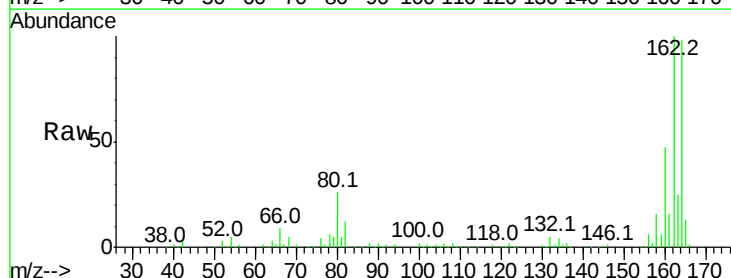
Instrument :
 BNA_F
 ClientSampleId :
 PB102130BL

Tot Ion: 82 Resp: 631480
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.0 51.0
 54 38.9 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF098357.D
 Acq: 8 Sep 2017 18:20

Tgt Ion:164 Resp: 169001
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 47.8 36.2 54.2

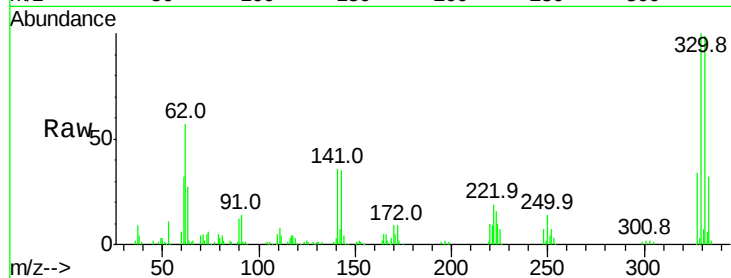




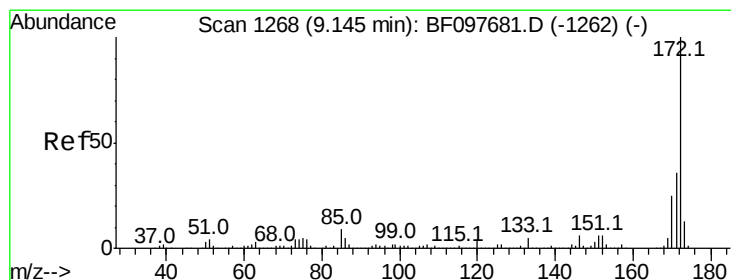
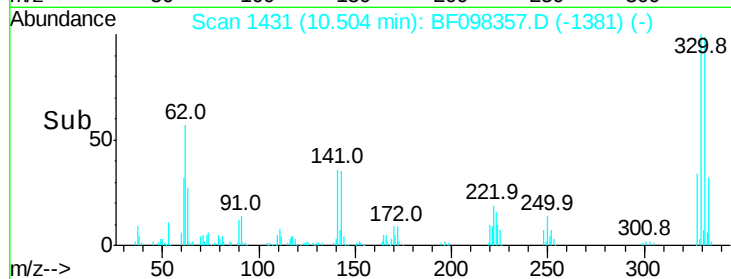
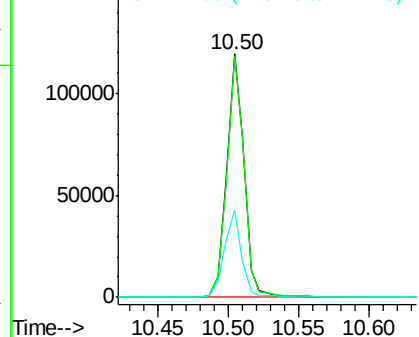
#41
 2,4,6-Tribromophenol
 Concen: 69.308 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098357.D
 Acq: 8 Sep 2017 18:20

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	115.0
141	35.8	31.4	47.2

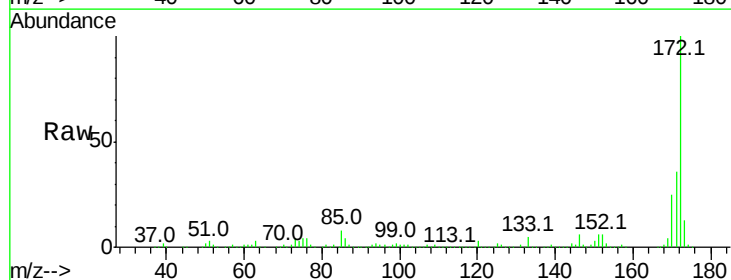


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

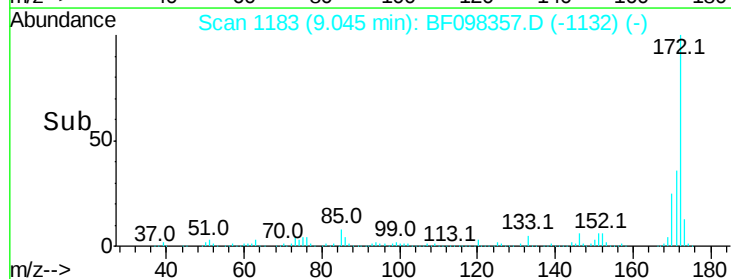
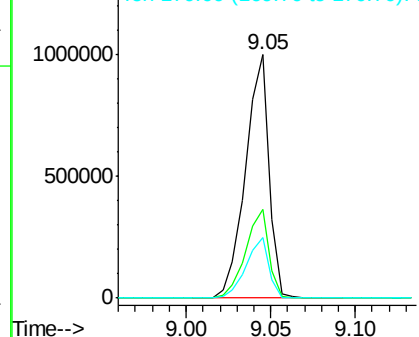


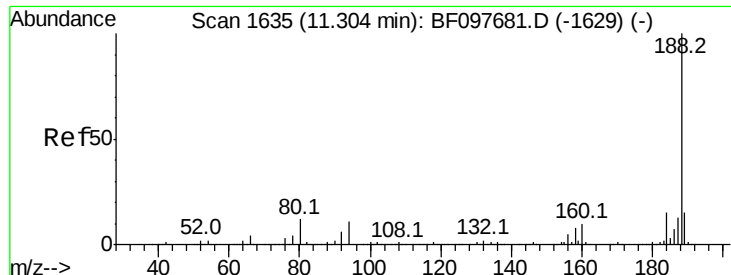
#44
 2-Fluorobiphenyl
 Concen: 84.779 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF098357.D
 Acq: 8 Sep 2017 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	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

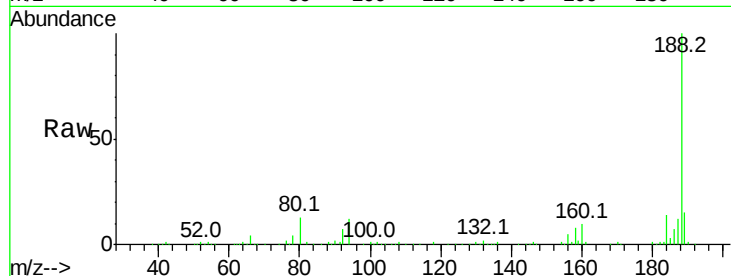




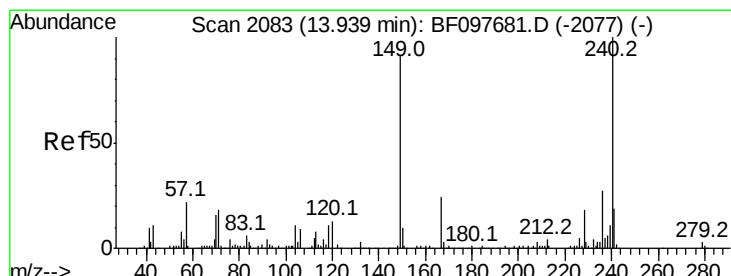
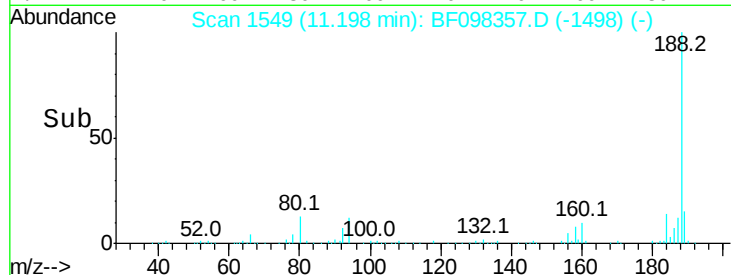
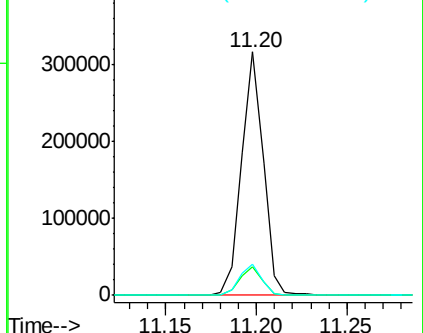
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF098357.D
Acq: 8 Sep 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB102130BL

Tot Ion:188 Resp: 264147
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.9 10.2 15.2

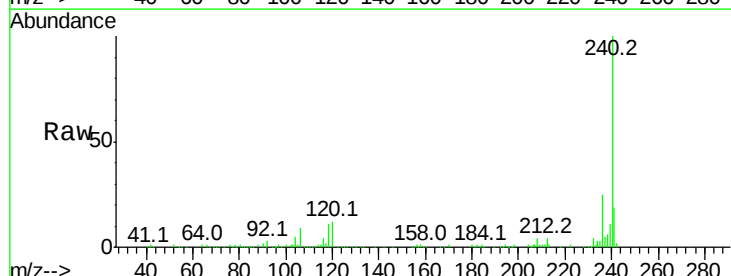


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

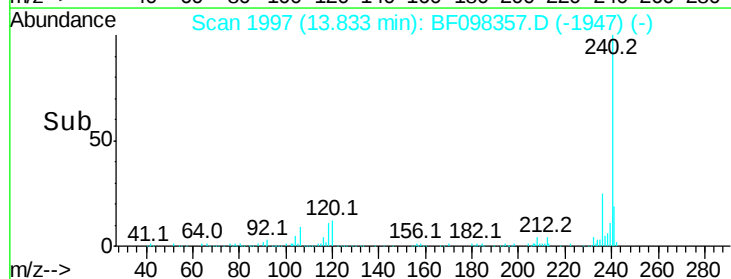
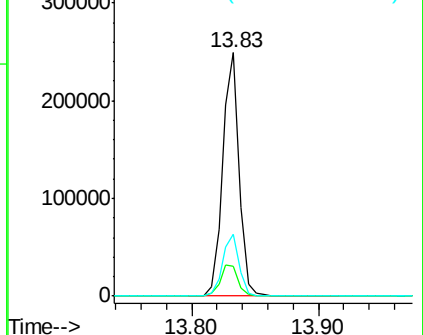


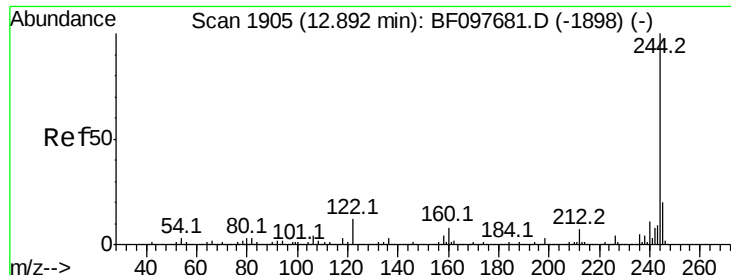
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF098357.D
Acq: 8 Sep 2017 18:20

Tgt Ion:240 Resp: 224016
Ion Ratio Lower Upper
240 100
120 12.0 5.8 8.8#
236 25.3 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: 58.798 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

Instrument :

BNA_F

ClientSampleId :

PB102130BL

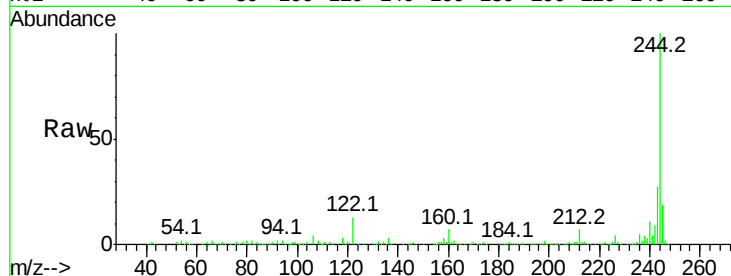
Tot Ion:244 Resp: 631633

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

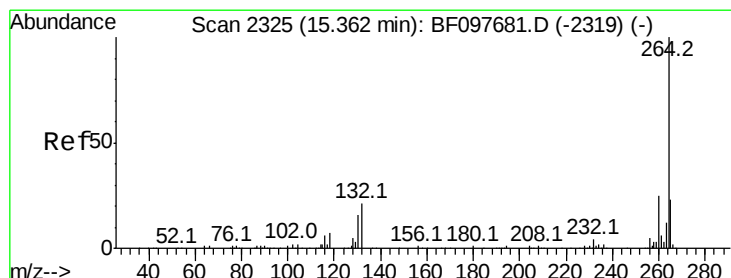
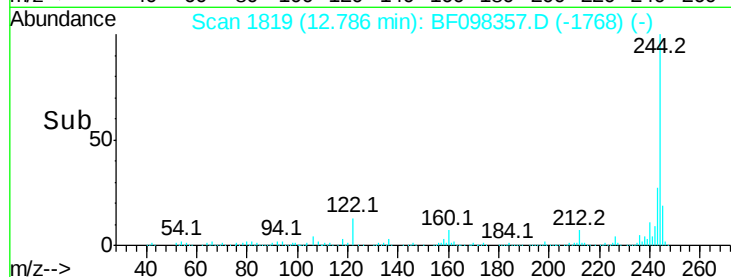
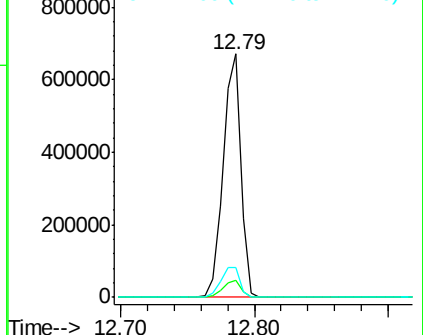
122 12.5 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF098357.D

Acq: 8 Sep 2017 18:20

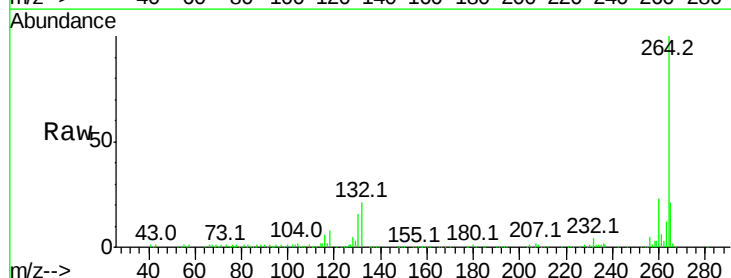
Tgt Ion:264 Resp: 219141

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.1 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

