

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083943.D
 Acq On : 19 Dec 2015 5:38
 Operator : UM/SJ
 Sample : G4840-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-17

Quant Time: Dec 21 02:25:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	75003	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	274476	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	143362	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	223697	20.00	ng	0.00
75) Chrysene-d12	14.02	240	143159	20.00	ng	-0.01
86) Perylene-d12	15.46	264	124418	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	233642	48.75	ng	0.00
7) Phenol-d6	6.51	99	169447	28.88	ng	0.00
23) Nitrobenzene-d5	7.42	82	476689	99.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	174125	110.25	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	911499	90.14	ng	-0.01
78) Terphenyl-d14	12.98	244	612850	101.29	ng	0.00

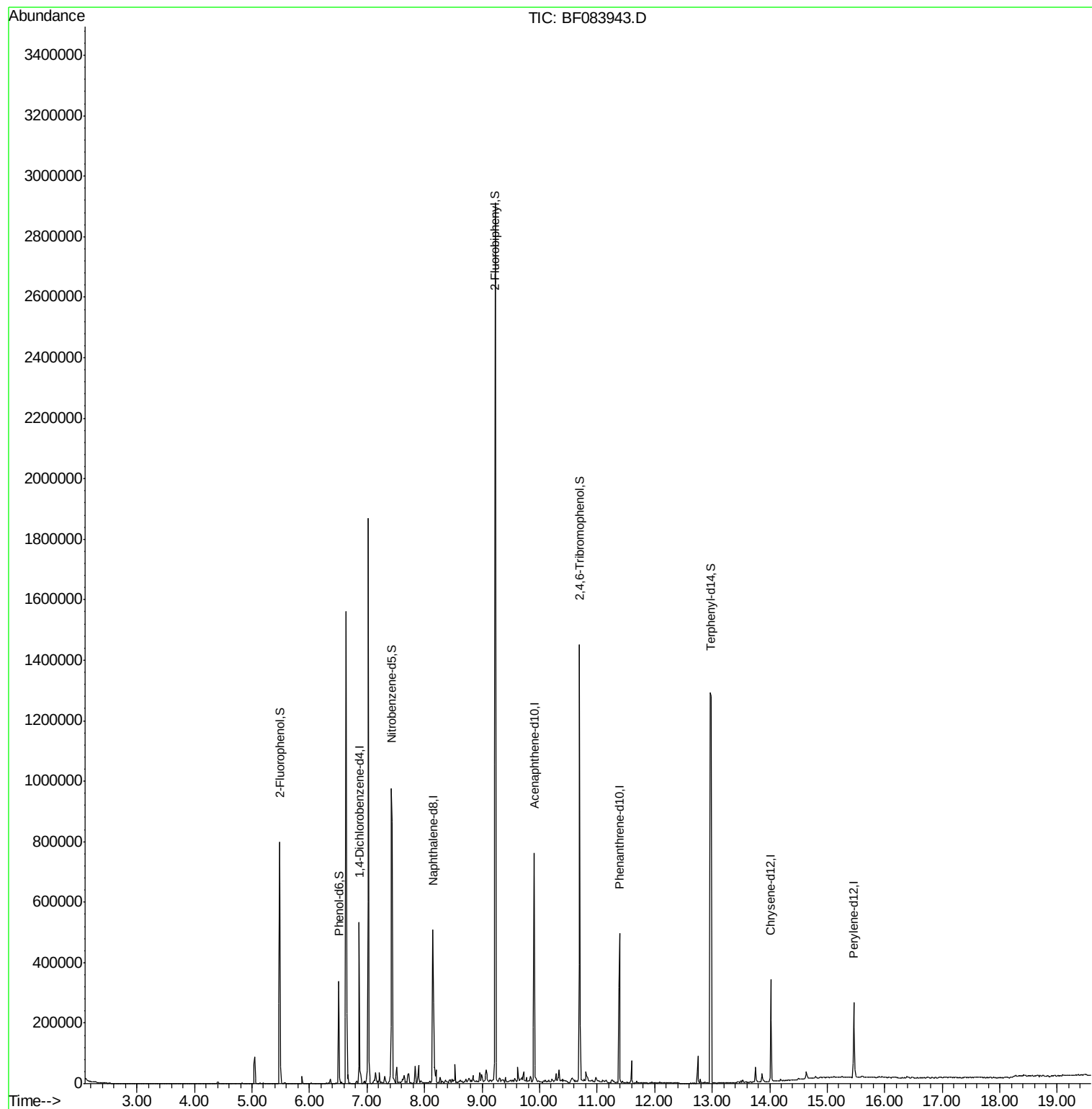
Target Compounds Qvalue

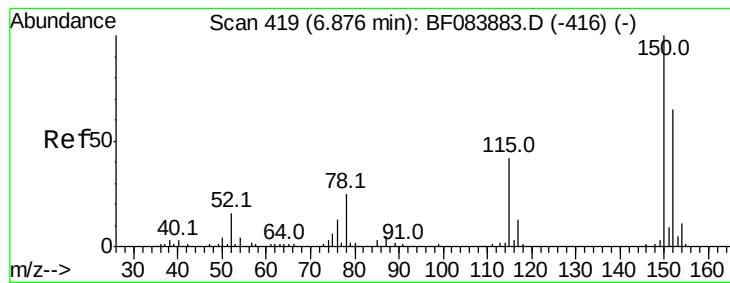
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083943.D

Acq: 19 Dec 2015 5:38

Instrument :

BNA_F

ClientSampleId :

W-17

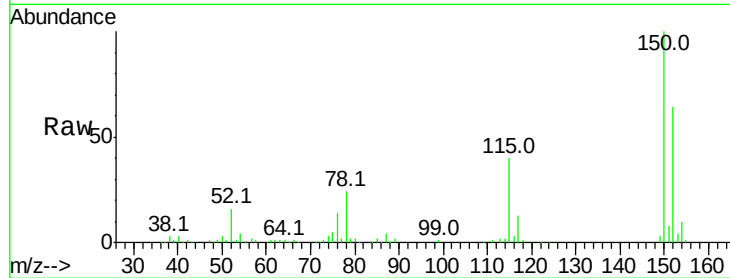
Tot Ion:152 Resp: 75003

Ion Ratio Lower Upper

152 100

150 156.7 123.0 184.4

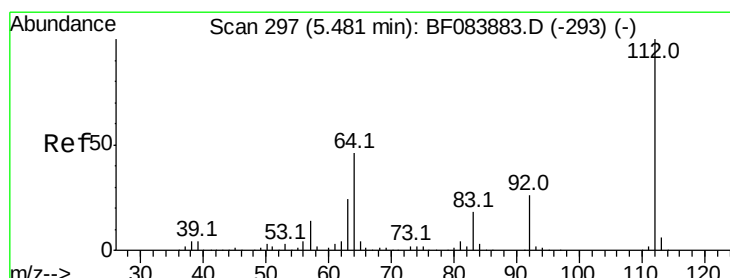
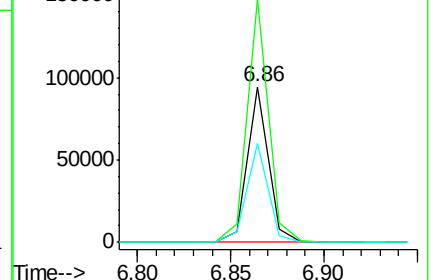
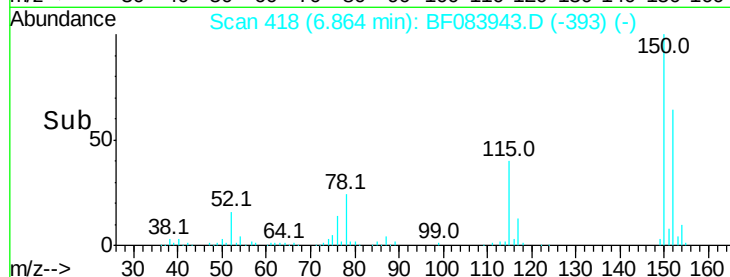
115 63.4 51.4 77.2



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: 48.75 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083943.D

Acq: 19 Dec 2015 5:38

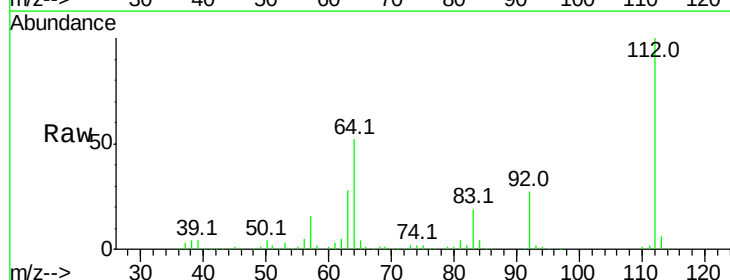
Tgt Ion:112 Resp: 233642

Ion Ratio Lower Upper

112 100

64 51.7 36.6 55.0

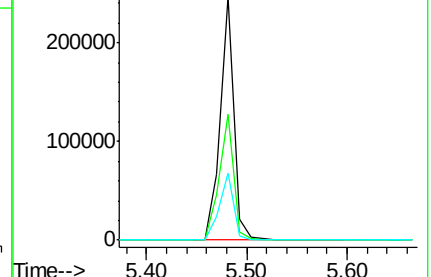
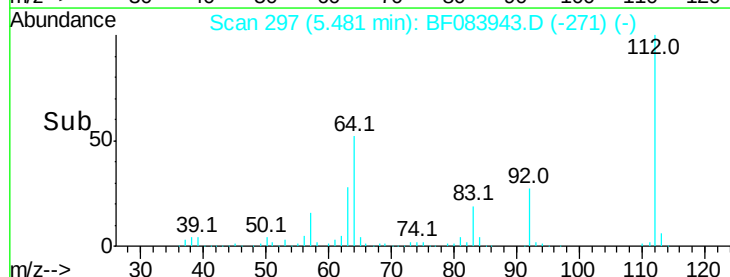
63 27.6 19.4 29.0

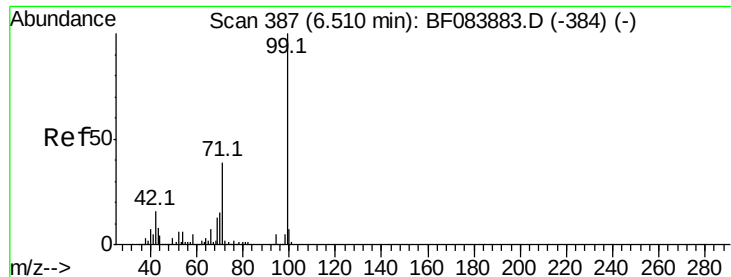


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.88 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083943.D

Acq: 19 Dec 2015 5:38

Instrument :

BNA_F

ClientSampleId :

W-17

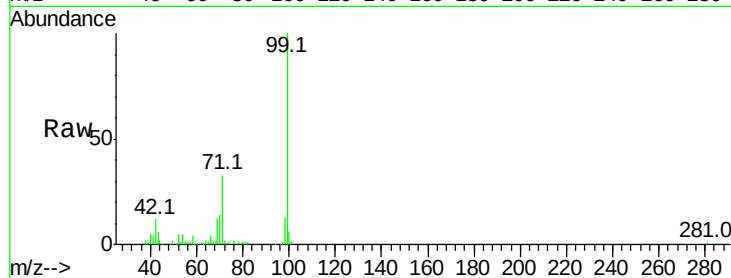
Tot Ion: 99 Resp: 169447

Ion Ratio Lower Upper

99 100

42 12.2 12.8 19.2#

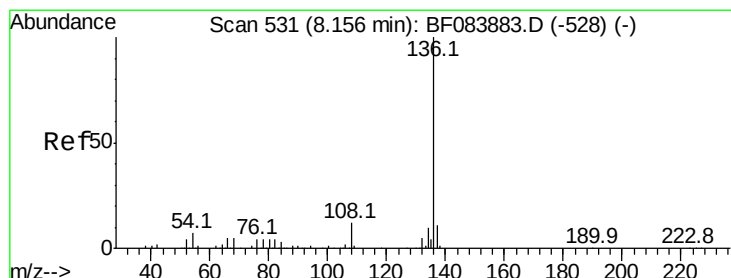
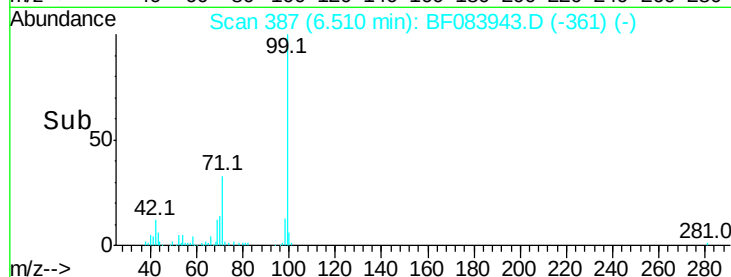
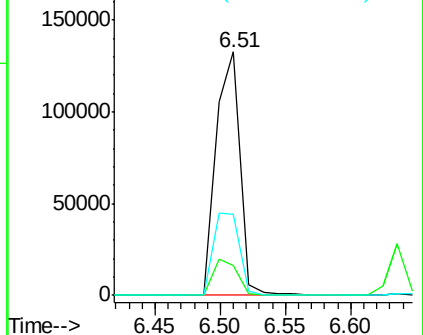
71 33.4 30.9 46.3



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: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF083943.D

Acq: 19 Dec 2015 5:38

Tgt Ion: 136 Resp: 274476

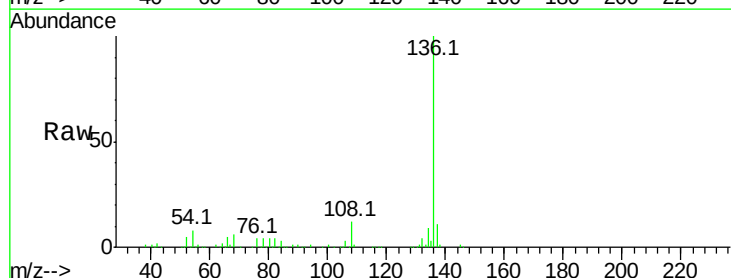
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.8 5.8 8.8

68 5.6 4.2 6.2

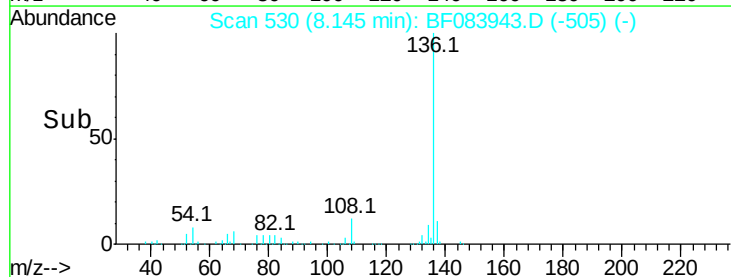
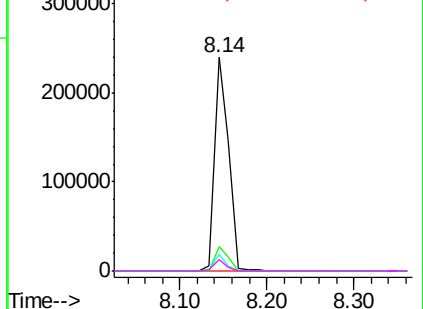


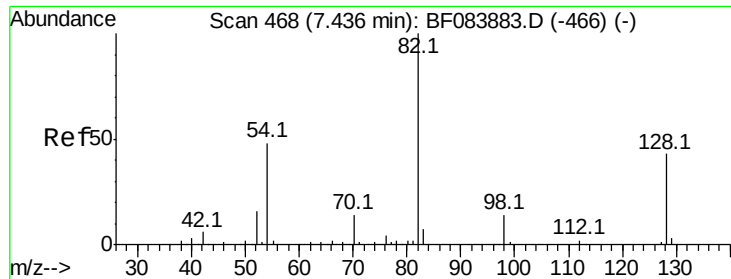
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

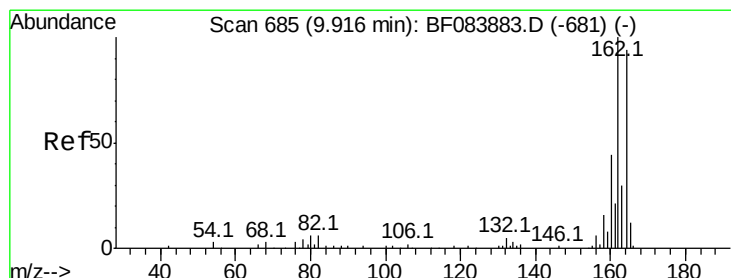
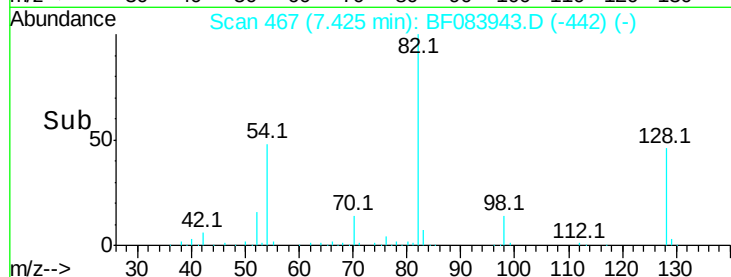
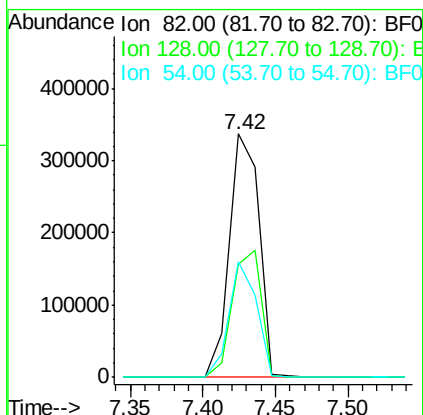
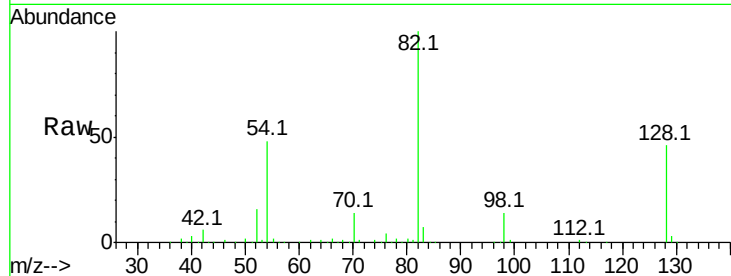




#23
 Nitrobenzene-d5
 Concen: 99.12 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF083943.D
 Acq: 19 Dec 2015 5:38

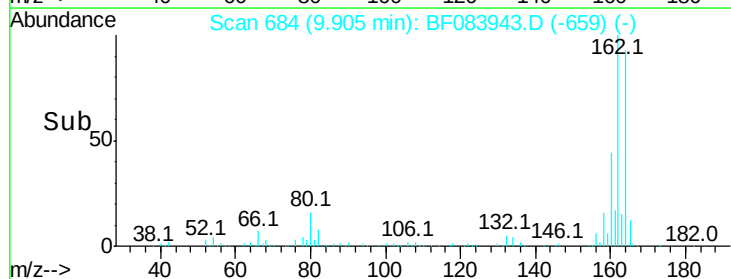
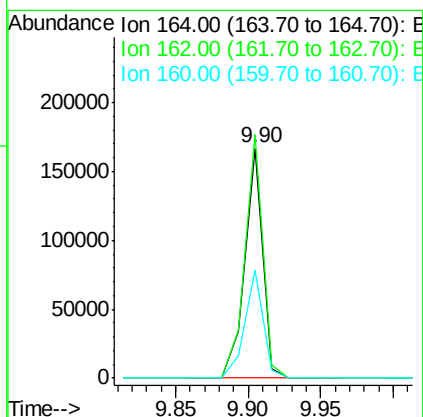
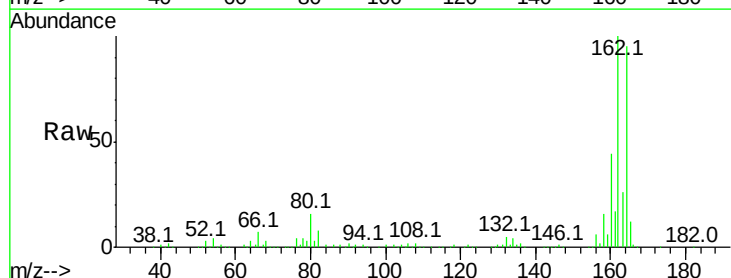
Instrument :
 BNA_F
 ClientSampled :
 W-17

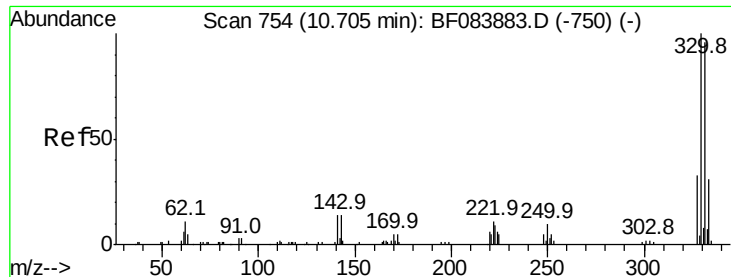
Tot Ion: 82 Resp: 476689
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.6 51.8
 54 47.6 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083943.D
 Acq: 19 Dec 2015 5:38

Tgt Ion:164 Resp: 143362
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.1 127.7
 160 46.7 37.5 56.3

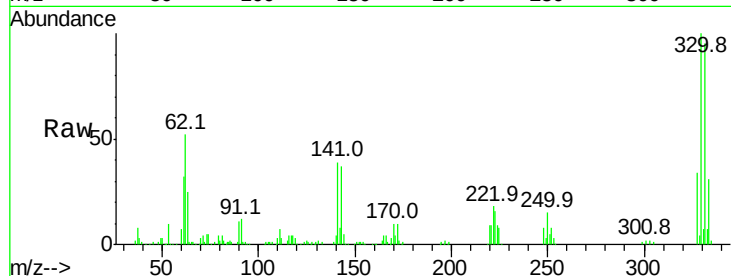




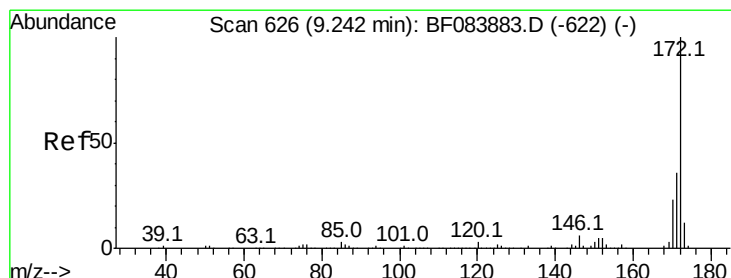
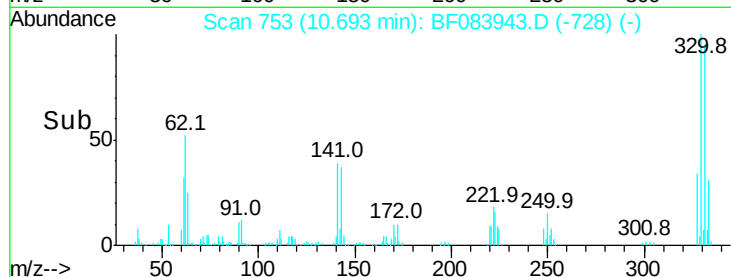
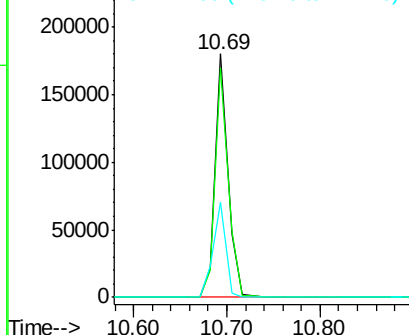
#41
 2,4,6-Tribromophenol
 Concen: 110.25 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083943.D
 Acq: 19 Dec 2015 5:38

Instrument :
 BNA_F
 ClientSampled :
 W-17

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	39.3	27.8	41.6

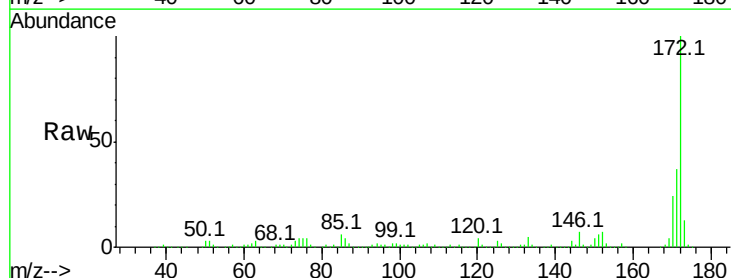


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

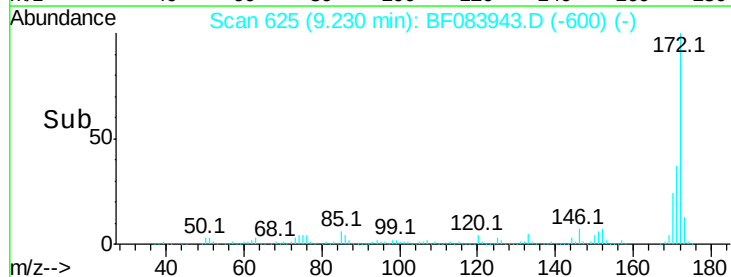
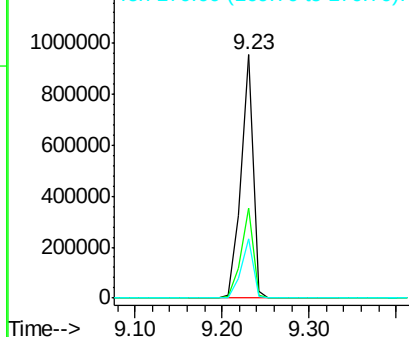


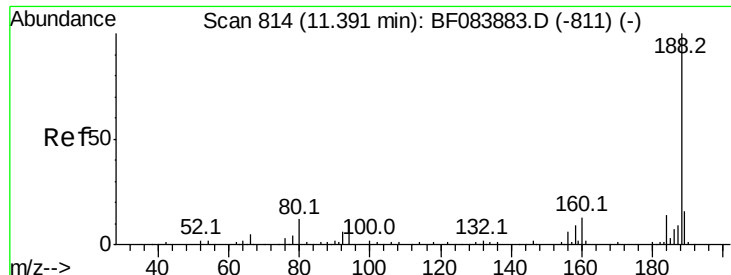
#44
 2-Fluorobiphenyl
 Concen: 90.14 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083943.D
 Acq: 19 Dec 2015 5:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	24.5	18.6	27.8



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

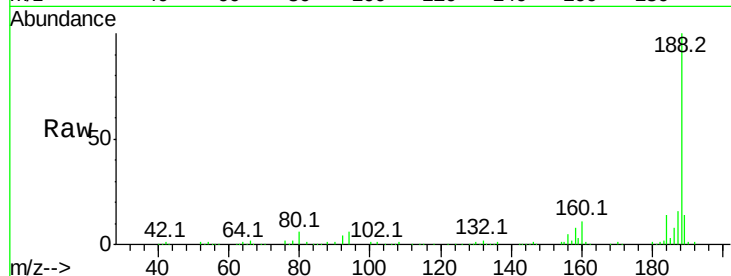




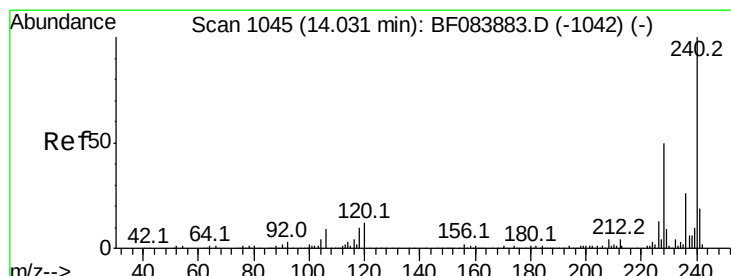
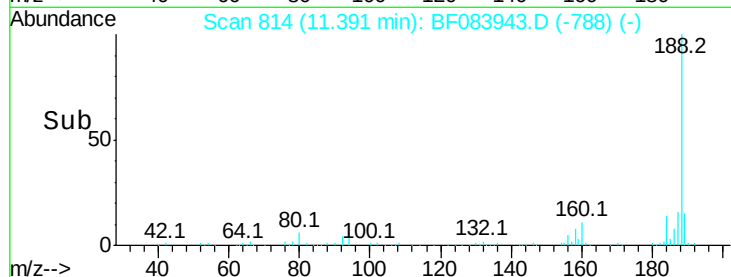
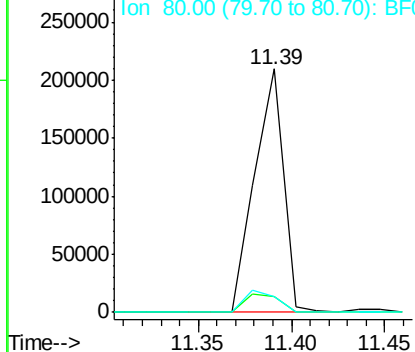
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083943.D
Acq: 19 Dec 2015 5:38

Instrument :
BNA_F
ClientSampled :
W-17

Tot Ion:188 Resp: 223697
Ion Ratio Lower Upper
188 100
94 6.4 9.0 13.4#
80 6.4 9.6 14.4#

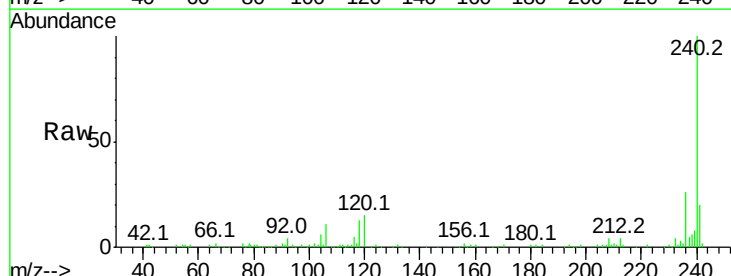


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

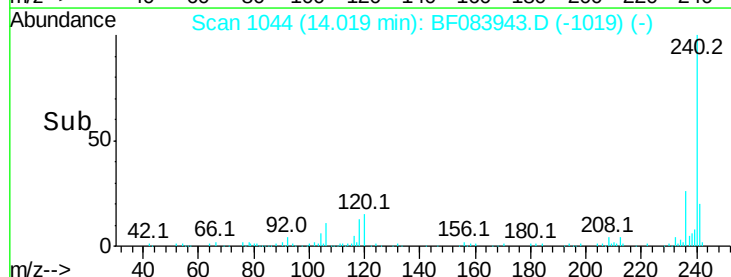
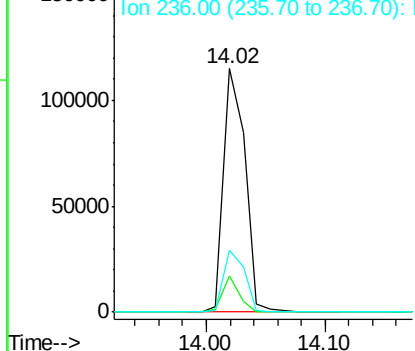


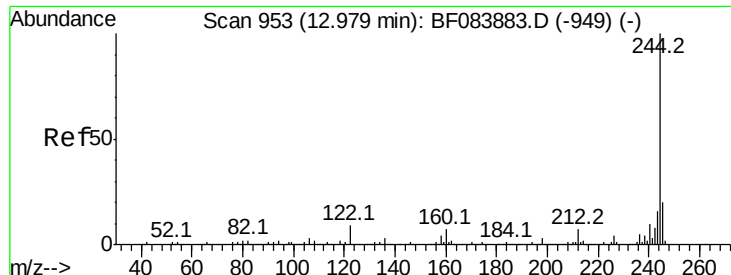
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083943.D
Acq: 19 Dec 2015 5:38

Tgt Ion:240 Resp: 143159
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.7 20.6 31.0



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





#78

Terphenyl-d14

Concen: 101.29 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083943.D

Acq: 19 Dec 2015 5:38

Instrument :

BNA_F

ClientSampleId :

W-17

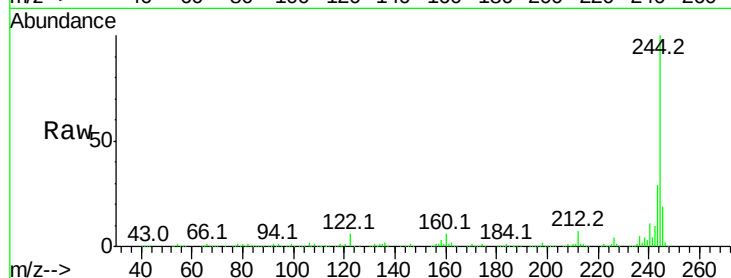
Tot Ion:244 Resp: 612850

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 6.0 7.4 11.0#



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

12.98

400000

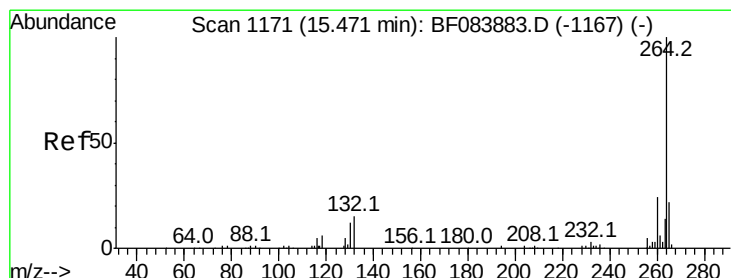
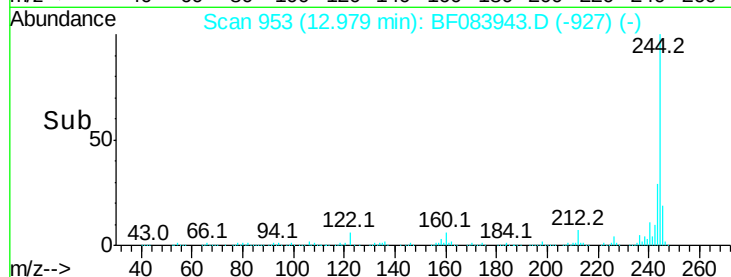
300000

200000

100000

0

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF083943.D

Acq: 19 Dec 2015 5:38

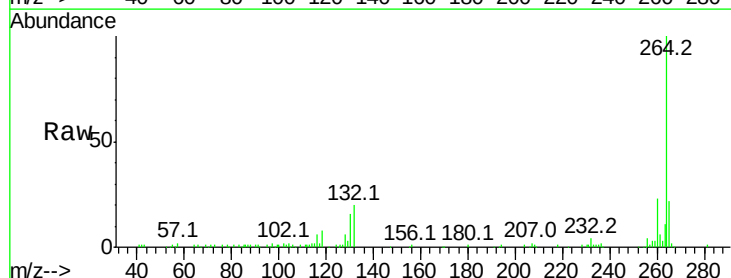
Tgt Ion:264 Resp: 124418

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.6 17.8 26.6



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

15.46

120000

100000

80000

60000

40000

20000

0

Time-->

