

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086753.D
 Acq On : 7 May 2016 5:11
 Operator : UM/SJ
 Sample : PB90336BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BL

Quant Time: May 07 05:40:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	184272	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	739404	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	357292	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	683859	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	453491	40.00	ng	-0.01
86) Perylene-d12	15.22	264	338287	40.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1344488	120.79	ng	0.00
7) Phenol-d6	6.36	99	1669775	111.36	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1116128	77.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	439684	125.80	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1854275	85.07	ng	-0.01
78) Terphenyl-d14	12.81	244	1654268	73.72	ng	0.00

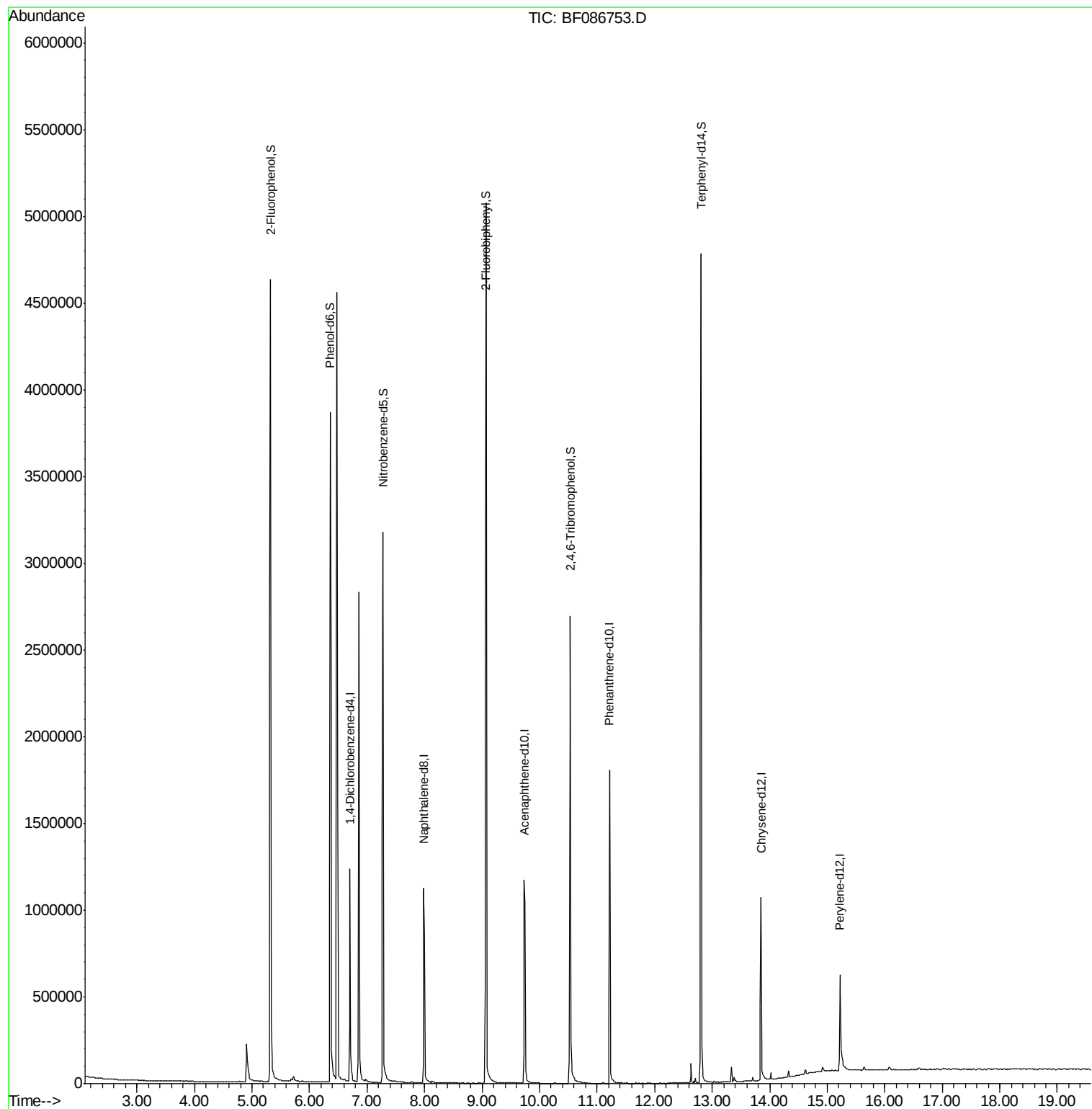
Target Compounds	Qvalue
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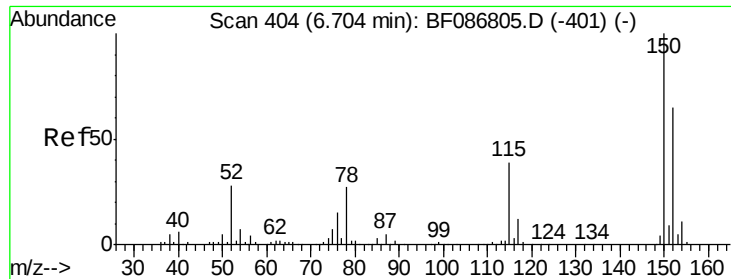
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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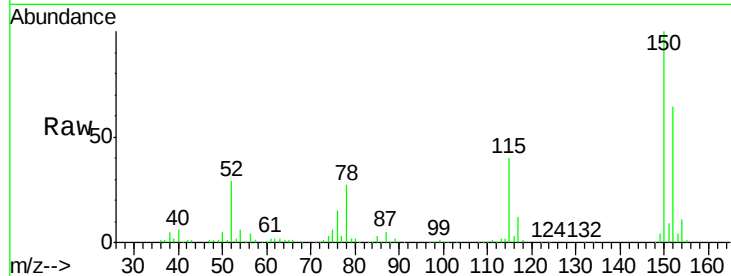




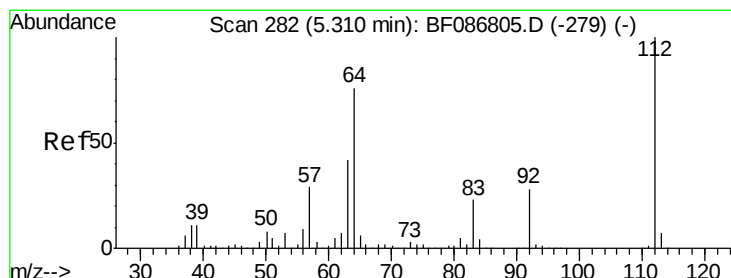
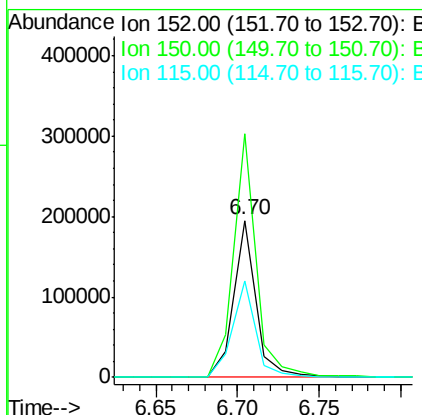
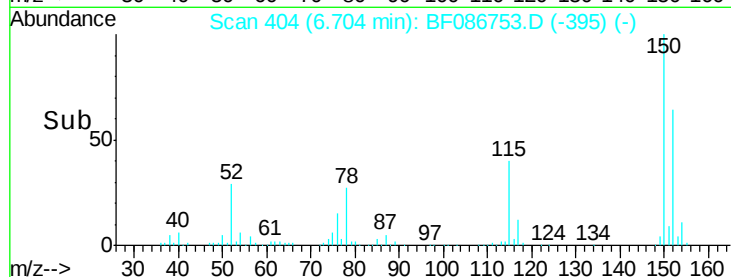
#1
 1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086753.D
 Acq: 7 May 2016 5:11

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BL

Tgt Ion:152 Resp: 184272
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.8 188.6
 115 61.5 51.5 77.3

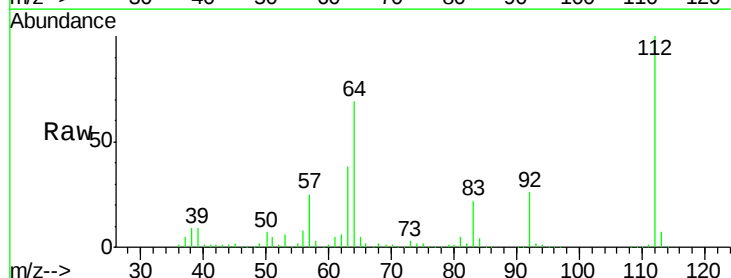


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

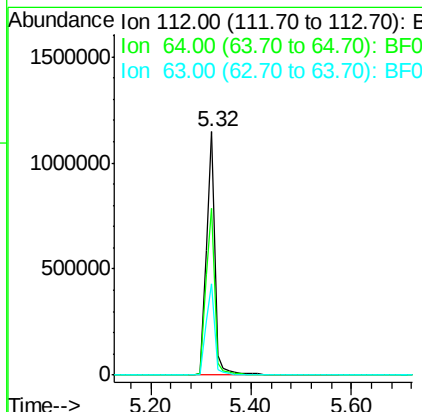
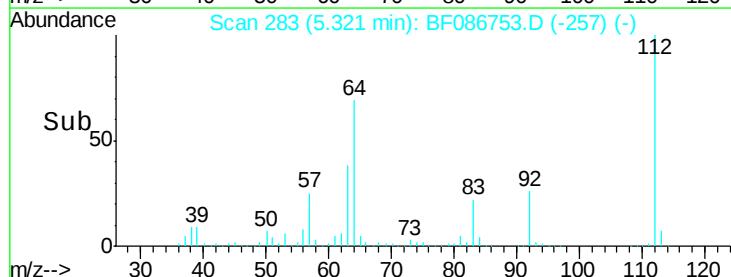


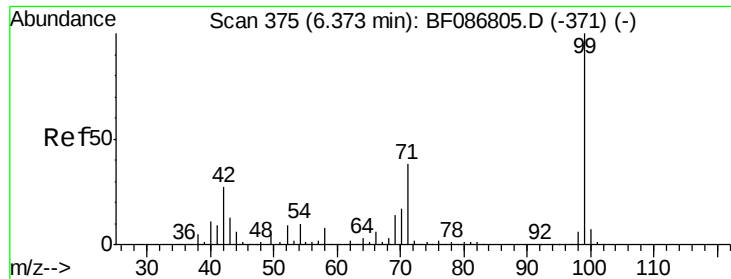
#5
 2-Fluorophenol
 Concen: 120.79 ng
 RT: 5.32 min Scan# 283
 Delta R.T. 0.00 min
 Lab File: BF086753.D
 Acq: 7 May 2016 5:11

Tgt Ion:112 Resp: 1344488
 Ion Ratio Lower Upper
 112 100
 64 68.8 52.1 78.1
 63 37.7 25.7 38.5



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: 111.36 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF086753.D

Acq: 7 May 2016 5:11

Instrument :

BNA_F

ClientSampleId :

PB90336BL

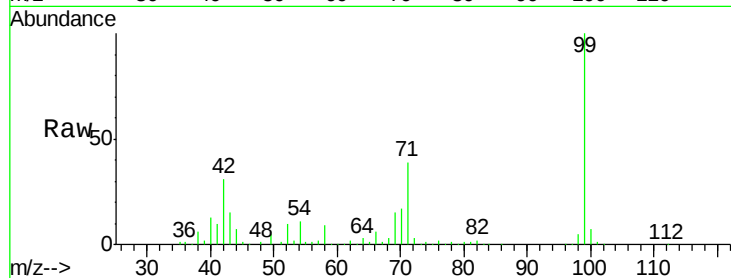
Tgt Ion: 99 Resp: 1669775

Ion Ratio Lower Upper

99 100

42 31.3 13.6 20.4#

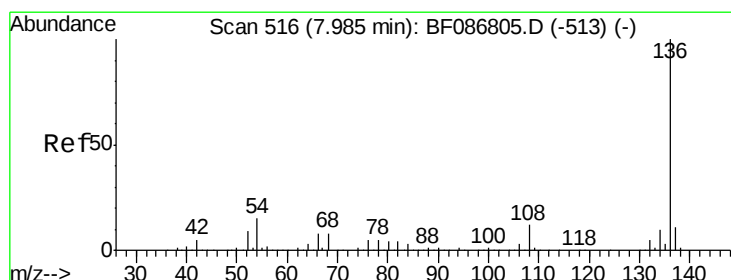
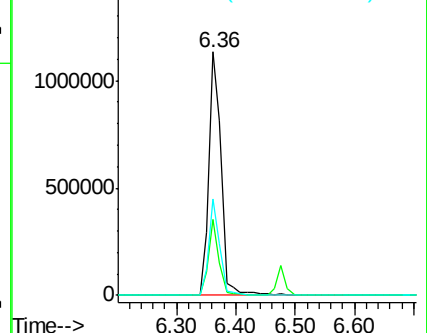
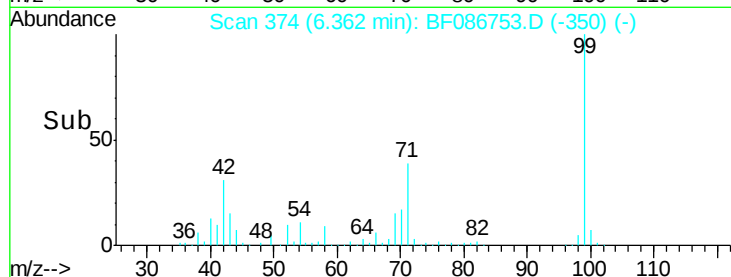
71 39.5 24.6 36.8#



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: 40.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF086753.D

Acq: 7 May 2016 5:11

Tgt Ion: 136 Resp: 739404

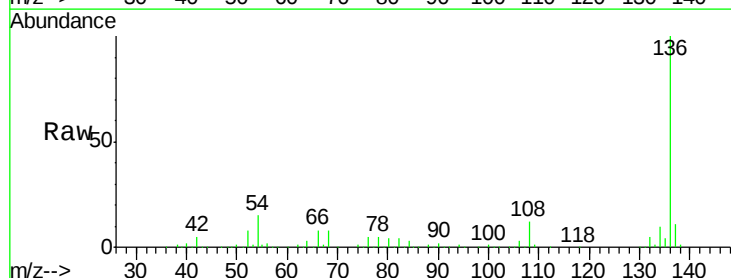
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 14.7 5.0 7.4#

68 7.8 4.4 6.6#

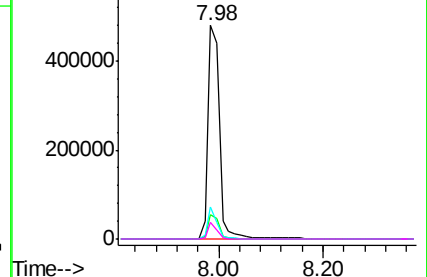
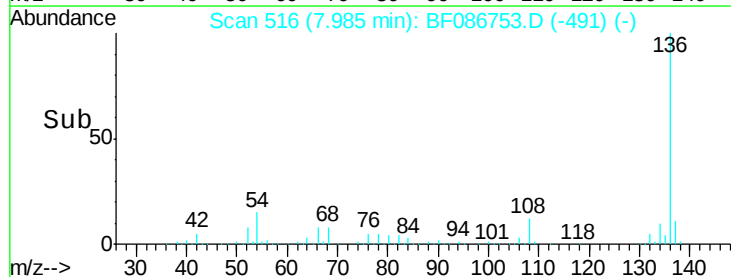


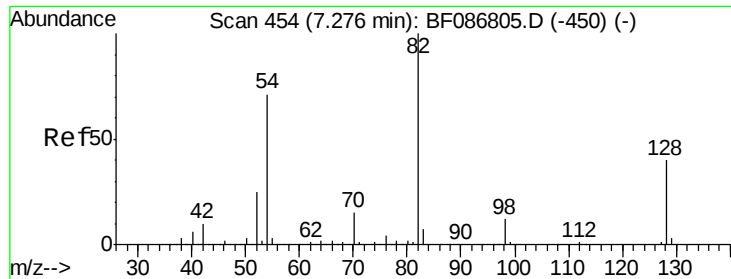
Abundance Ion 136.00 (135.70 to 136.70): E

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

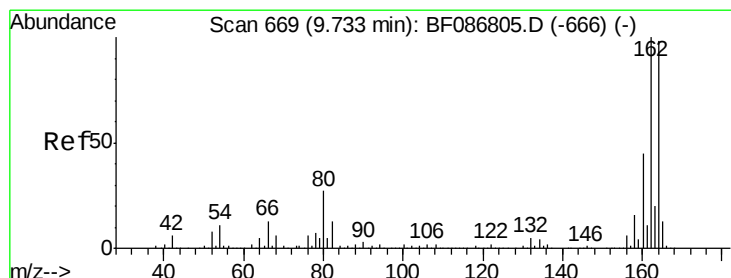
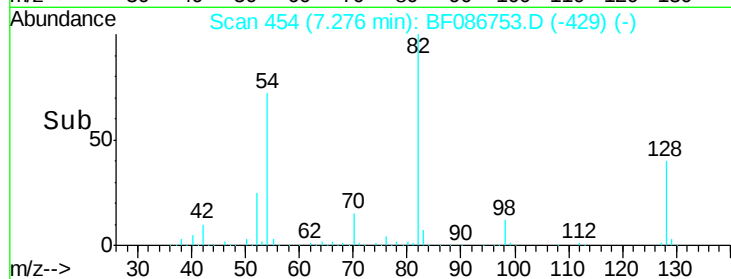
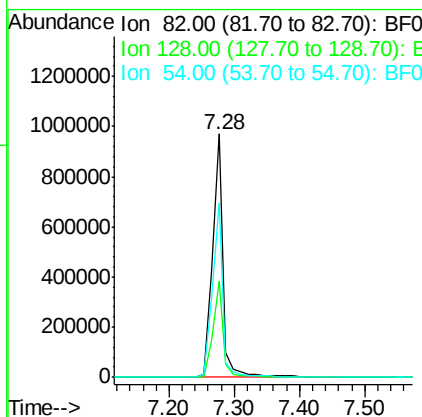
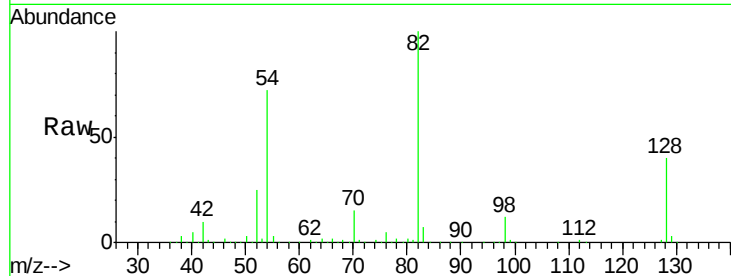




#23
 Nitrobenzene-d5
 Concen: 77.57 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086753.D
 Acq: 7 May 2016 5:11

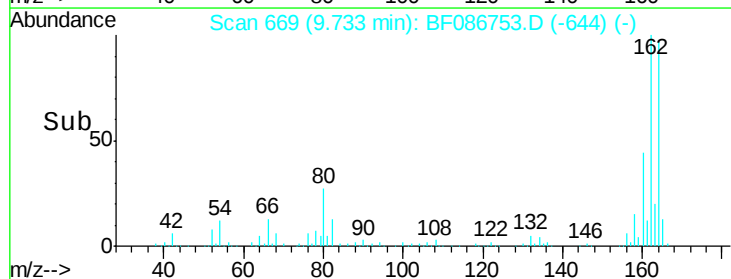
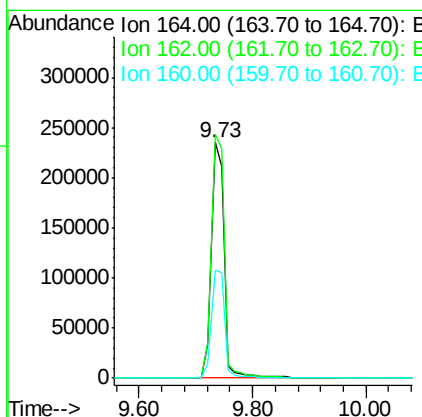
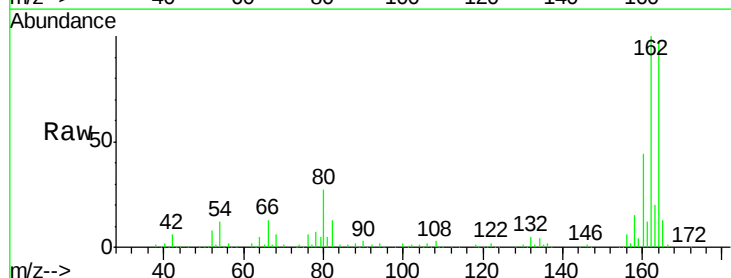
Instrument :
 BNA_F
 ClientSampleId :
 PB90336BL

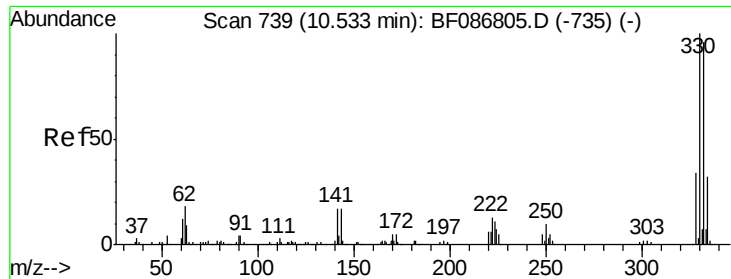
Tgt Ion: 82 Resp: 1116128
 Ion Ratio Lower Upper
 82 100
 128 39.7 40.6 61.0#
 54 71.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF086753.D
 Acq: 7 May 2016 5:11

Tgt Ion: 164 Resp: 357292
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.8 124.2
 160 45.9 36.9 55.3

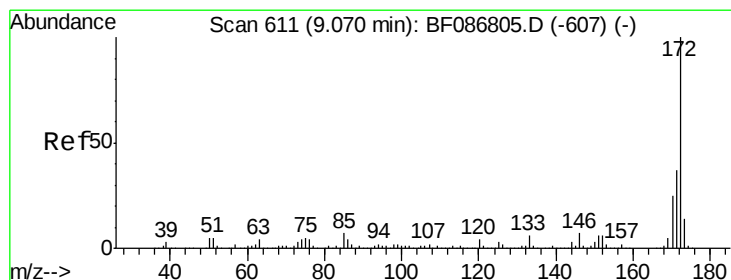
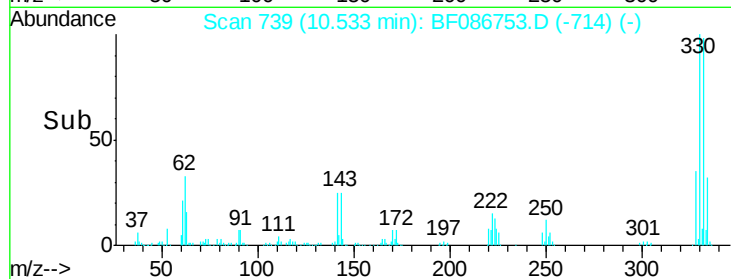
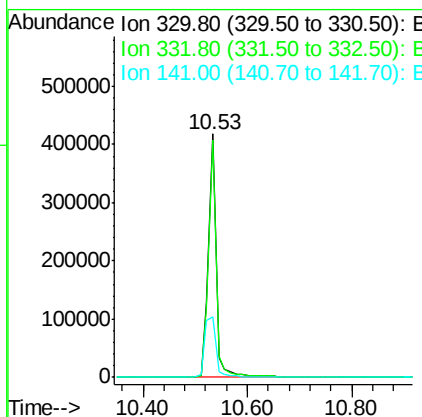
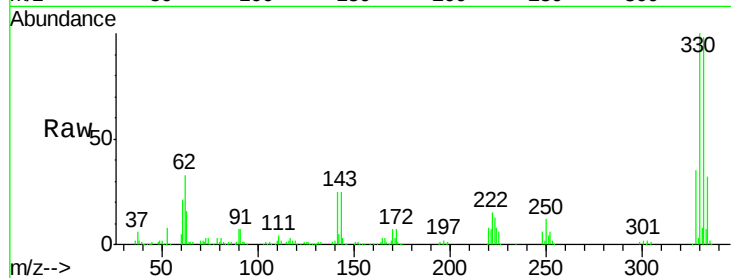




#41
 2,4,6-Tribromophenol
 Concen: 125.80 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086753.D
 Acq: 7 May 2016 5:11

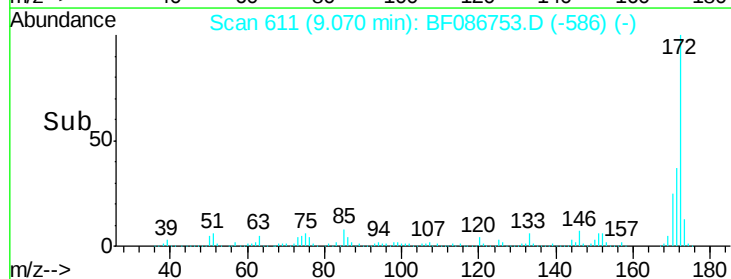
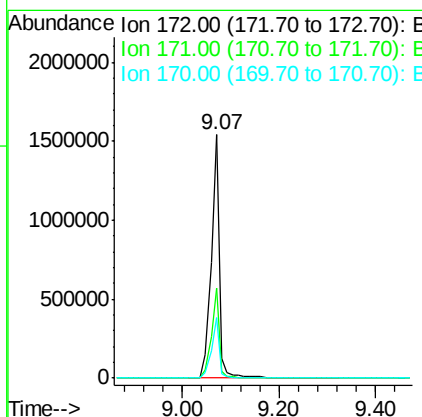
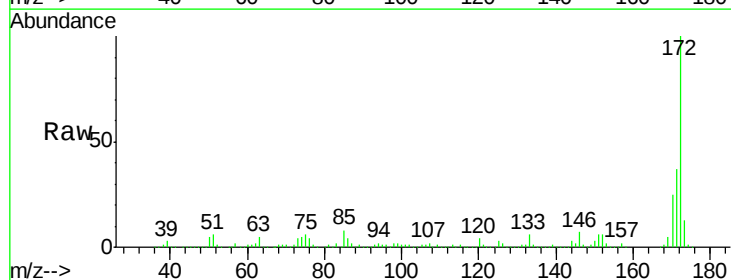
Instrument :
 BNA_F
 ClientSampled :
 PB90336BL

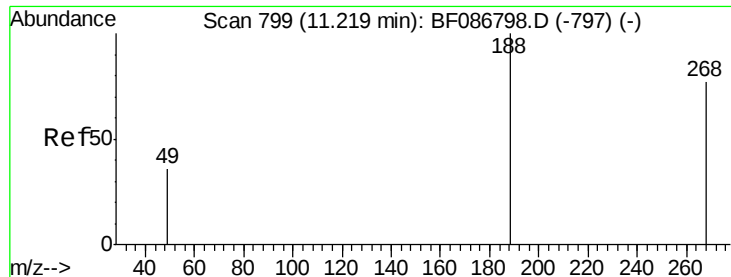
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	36.3	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 85.07 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086753.D
 Acq: 7 May 2016 5:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.9	19.8	29.8

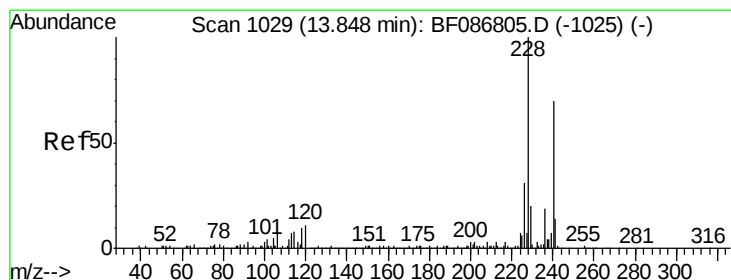
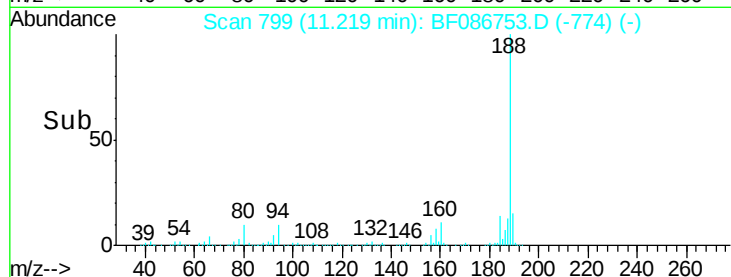
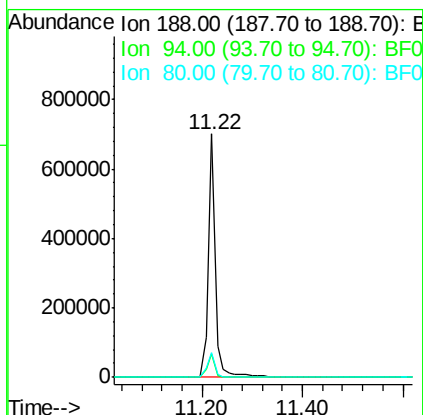
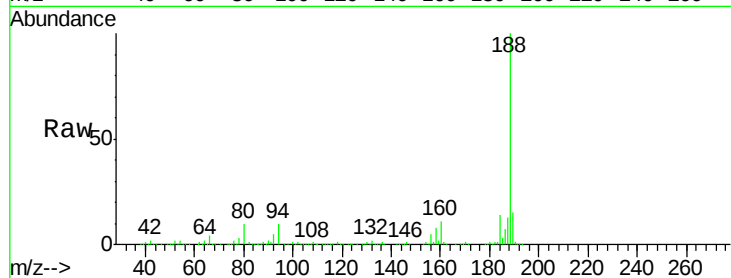




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF086753.D
Acq: 7 May 2016 5:11

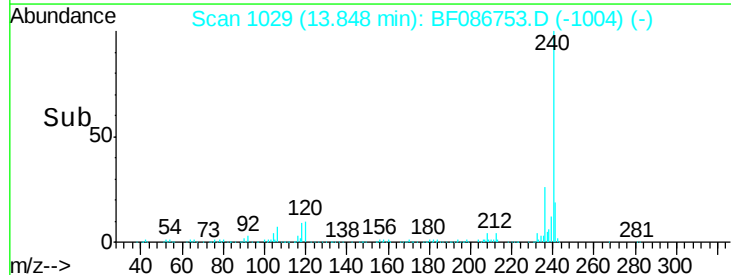
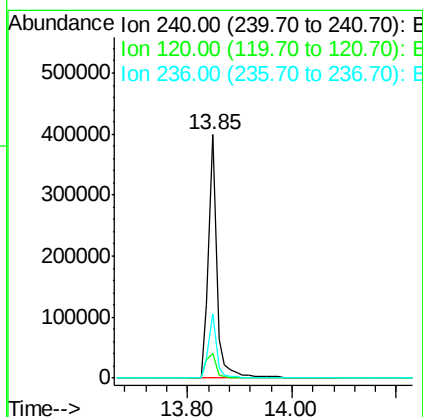
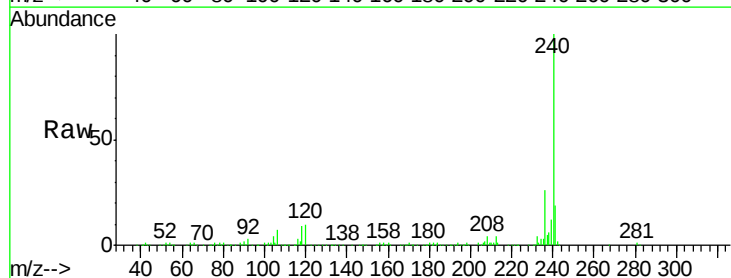
Instrument :
BNA_F
ClientSampleId :
PB90336BL

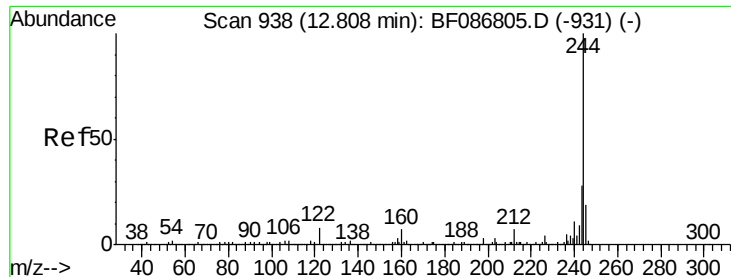
Tgt Ion:188 Resp: 683859
Ion Ratio Lower Upper
188 100
94 9.8 6.8 10.2
80 10.4 7.1 10.7



#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF086753.D
Acq: 7 May 2016 5:11

Tgt Ion:240 Resp: 453491
Ion Ratio Lower Upper
240 100
120 10.1 11.2 16.8#
236 26.3 21.2 31.8





#78

Terphenyl-d14

Concen: 73.72 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086753.D

Acq: 7 May 2016 5:11

Instrument :

BNA_F

ClientSampleId :

PB90336BL

Tgt Ion:244 Resp: 1654268

Ion Ratio Lower Upper

244 100

212 7.9

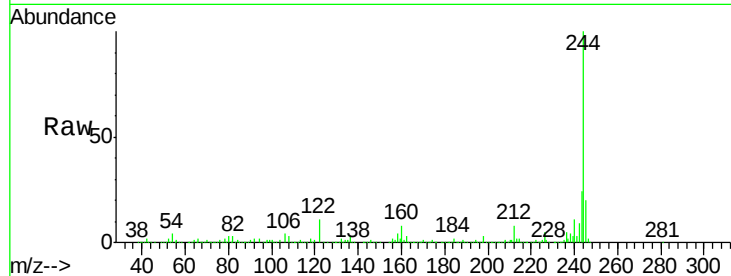
6.2

9.2

122 11.2

12.0

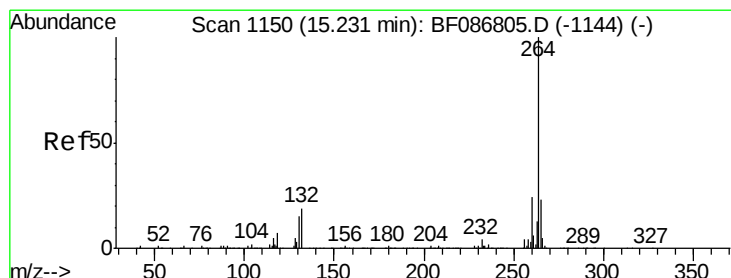
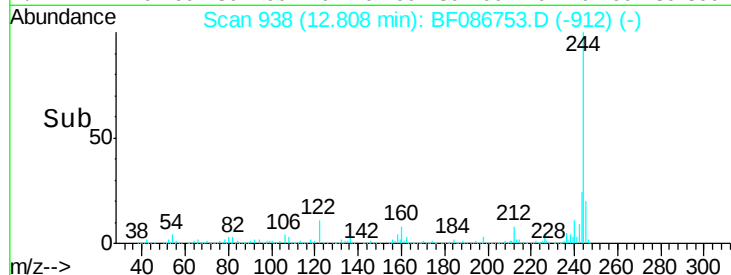
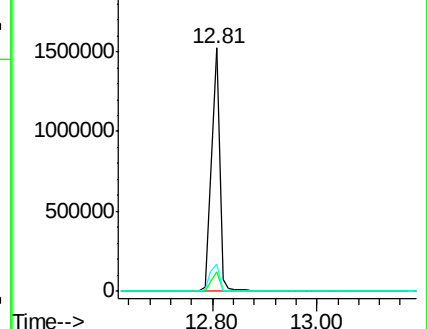
18.0#



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



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF086753.D

Acq: 7 May 2016 5:11

Tgt Ion:264 Resp: 338287

Ion Ratio Lower Upper

264 100

260 23.8

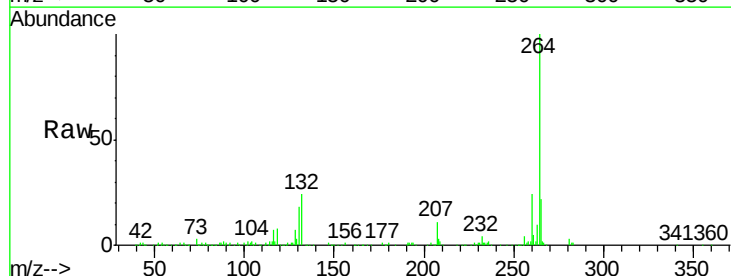
19.5

29.3

265 22.0

17.3

25.9



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

