

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084328.D
 Acq On : 8 Jan 2016 15:22
 Operator : SJ/UM
 Sample : PB87668BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BL

Quant Time: Jan 08 23:19:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	251300	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1075534	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	485333	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	921537	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	780445	20.00	ng	-0.05
86) Perylene-d12	15.45	264	536587	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1216192	78.28	ng	-0.02
7) Phenol-d6	6.50	99	1684526	86.33	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1541350	79.76	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	360184	73.51	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	2169174	78.11	ng	-0.05
78) Terphenyl-d14	12.97	244	2287953	65.44	ng	-0.05

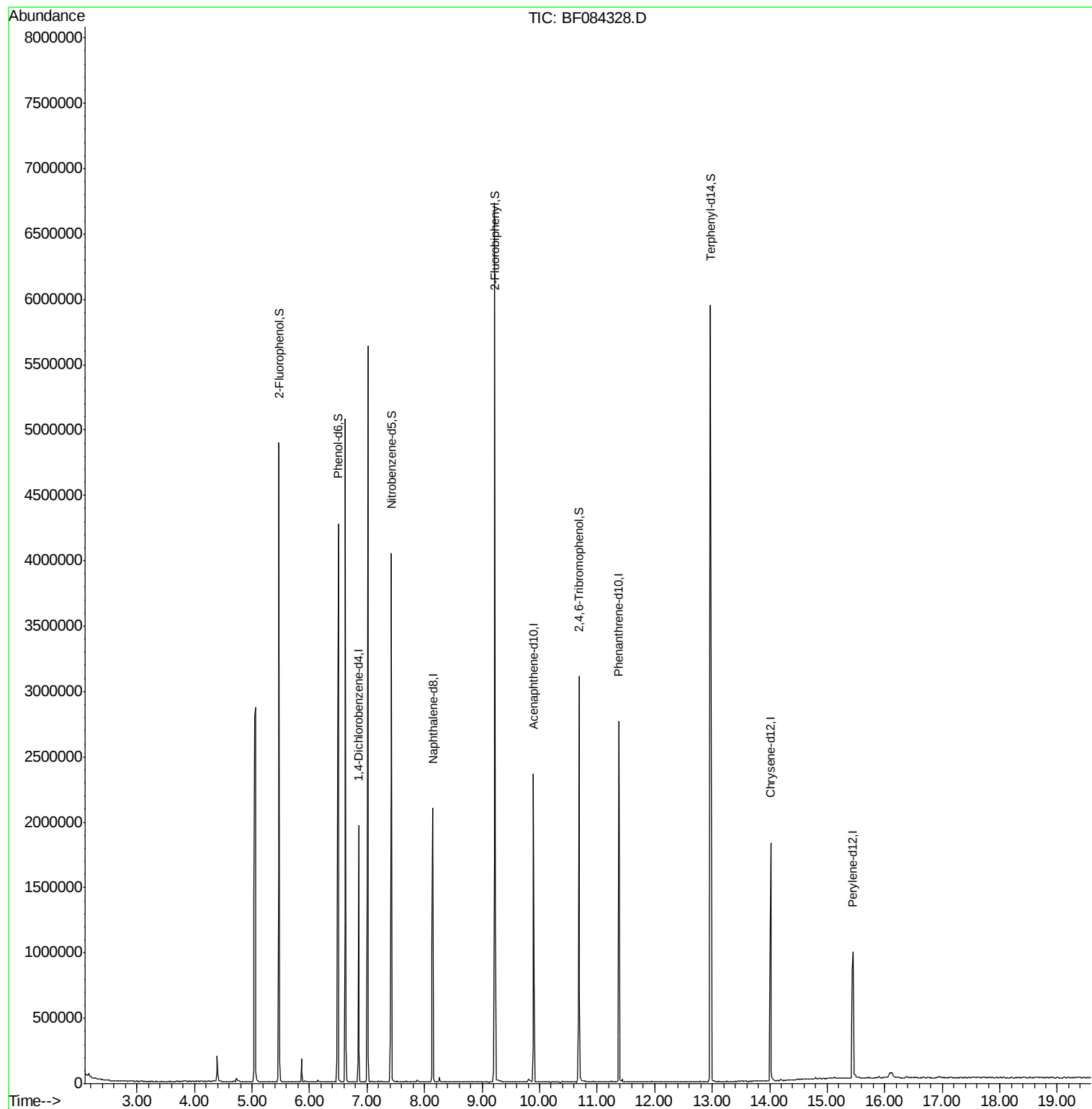
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084328.D

Acq: 8 Jan 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB87668BL

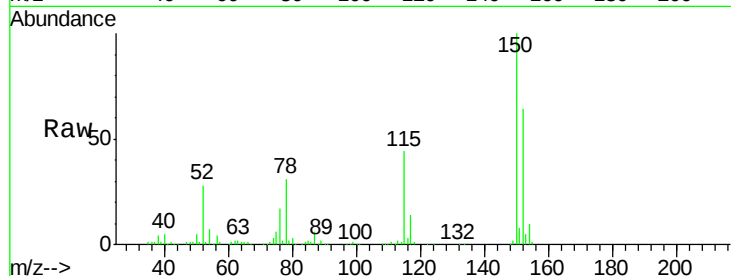
Tgt Ion:152 Resp: 251300

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

115 69.4 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

600000

500000

400000

300000

200000

100000

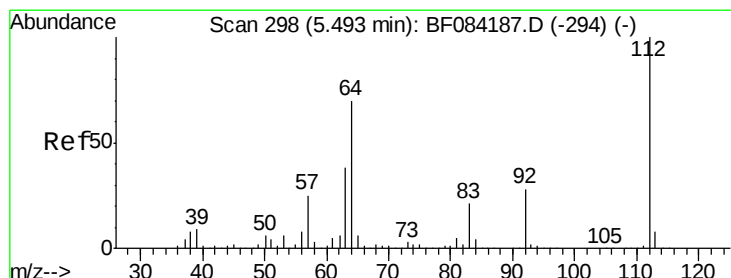
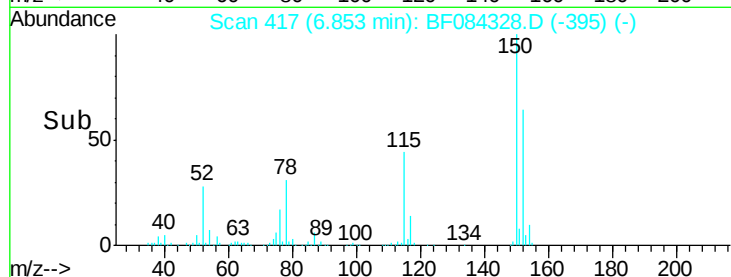
0

6.80

6.85

6.90

Time-->



#5

2-Fluorophenol

Concen: 78.28 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084328.D

Acq: 8 Jan 2016 15:22

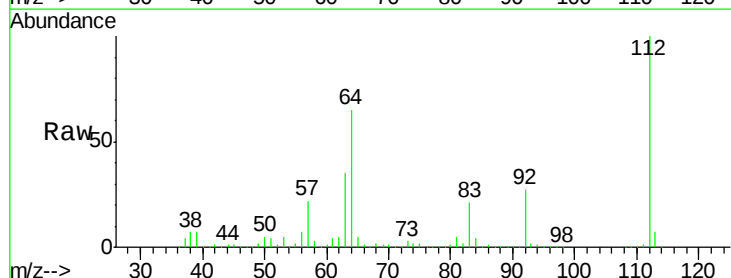
Tgt Ion:112 Resp: 1216192

Ion Ratio Lower Upper

112 100

64 65.1 36.6 55.0#

63 34.6 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

1500000

1000000

500000

0

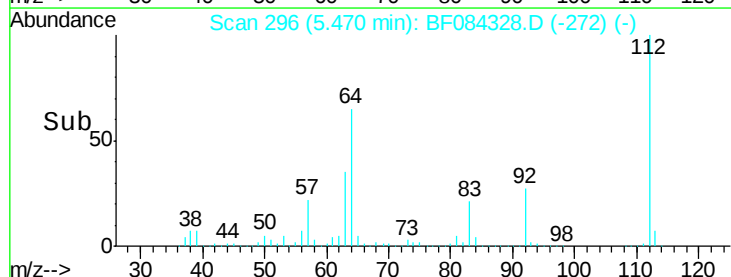
5.40

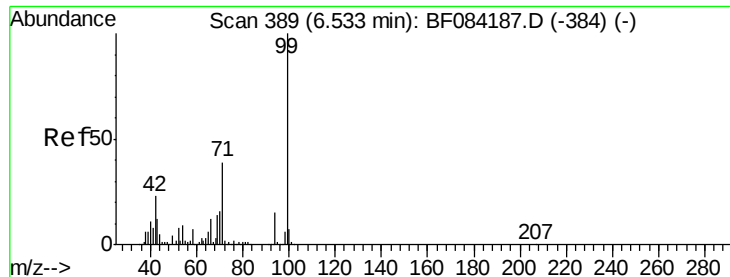
5.45

5.50

5.55

Time-->





#7

Phenol-d6

Concen: 86.33 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084328.D

Acq: 8 Jan 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB87668BL

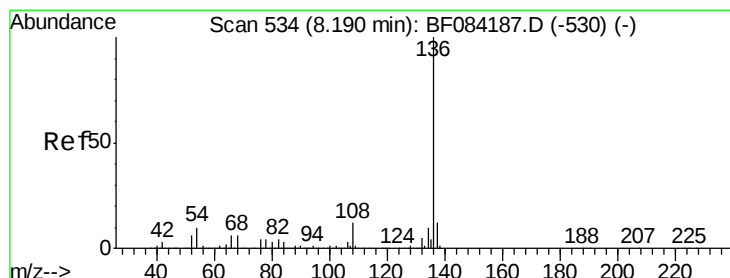
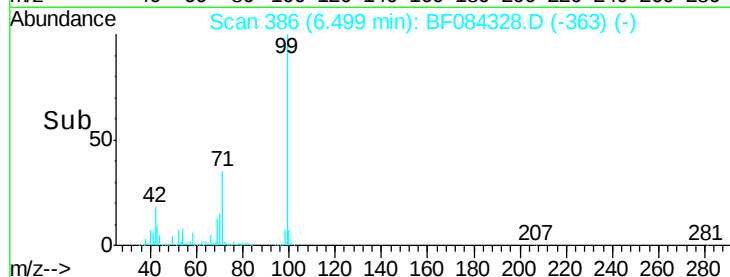
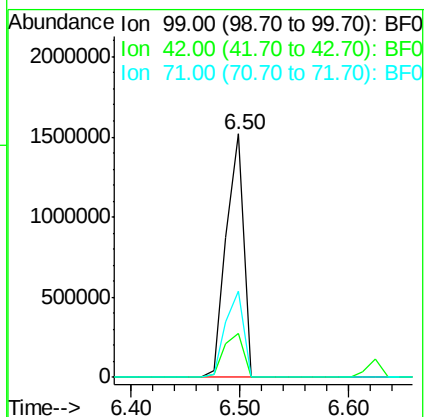
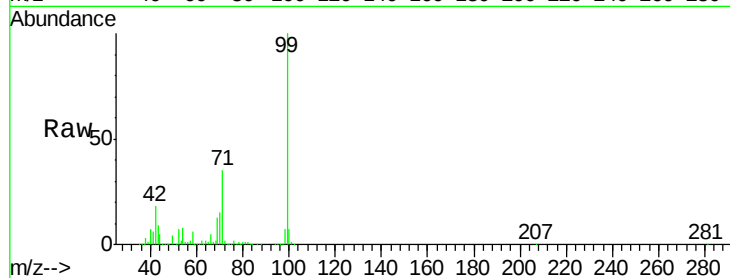
Tgt Ion: 99 Resp: 1684526

Ion Ratio Lower Upper

99 100

42 18.2 12.8 19.2

71 35.4 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084328.D

Acq: 8 Jan 2016 15:22

Tgt Ion: 136 Resp: 1075534

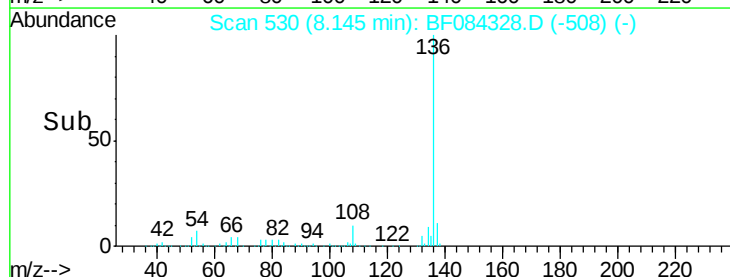
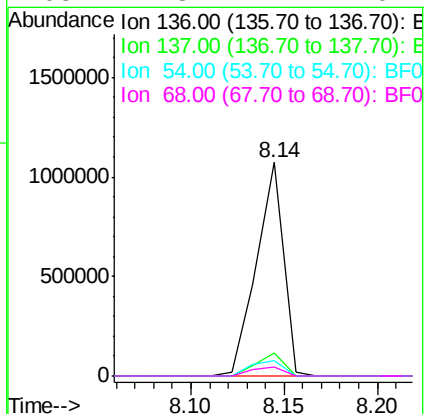
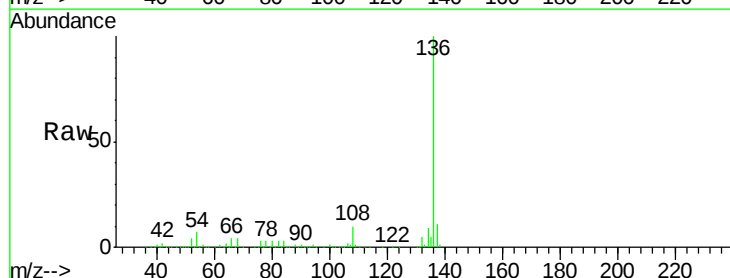
Ion Ratio Lower Upper

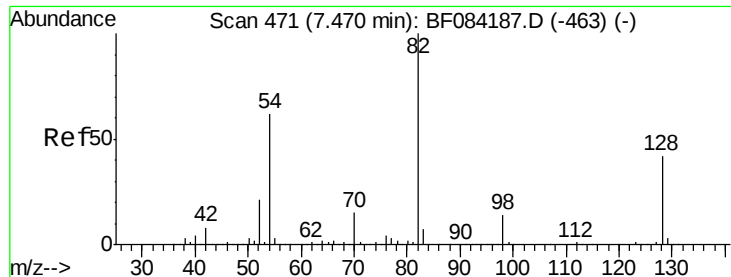
136 100

137 10.8 8.7 13.1

54 7.5 5.8 8.8

68 4.3 4.2 6.2

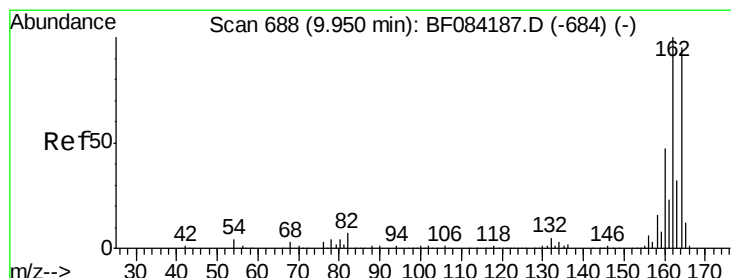
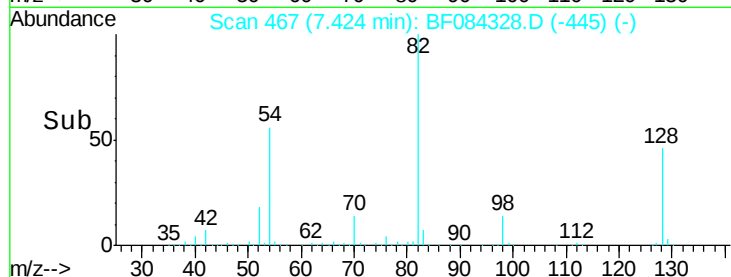
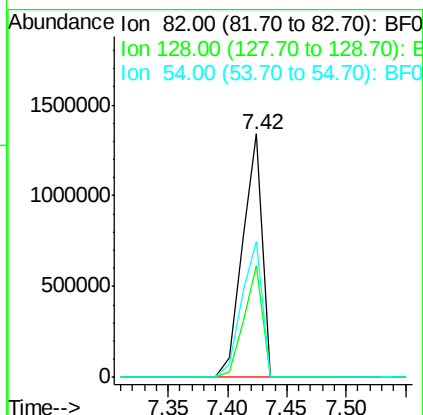
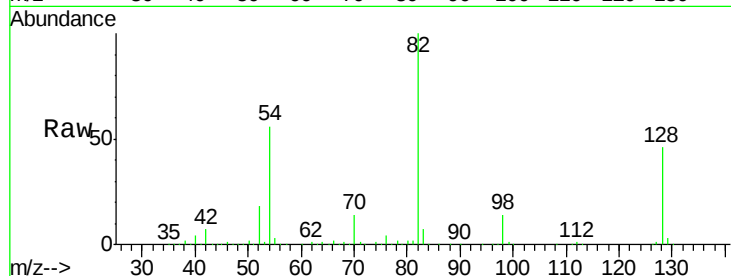




#23
 Nitrobenzene-d5
 Concen: 79.76 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084328.D
 Acq: 8 Jan 2016 15:22

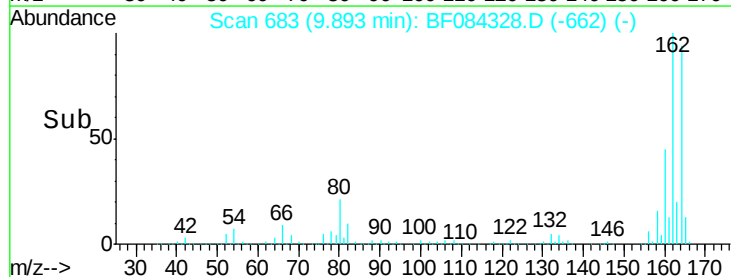
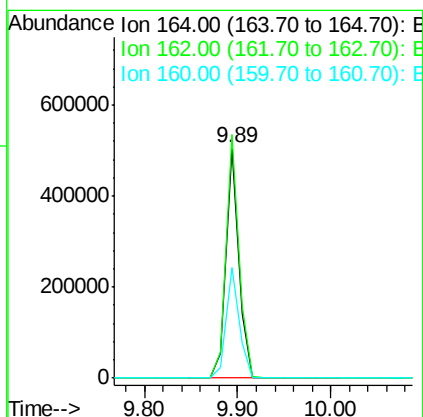
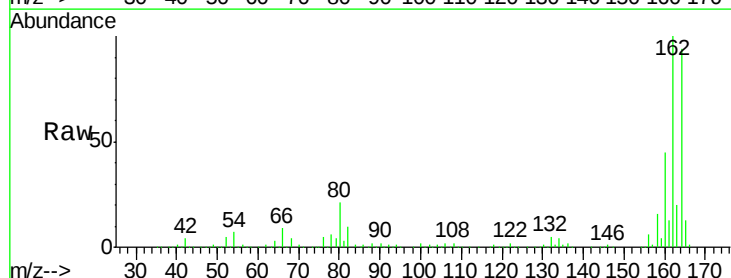
Instrument :
 BNA_F
 ClientSampleId :
 PB87668BL

Tgt Ion: 82 Resp: 1541350
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.6 51.8
 54 55.8 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084328.D
 Acq: 8 Jan 2016 15:22

Tgt Ion: 164 Resp: 485333
 Ion Ratio Lower Upper
 164 100
 162 106.0 85.1 127.7
 160 48.0 37.5 56.3

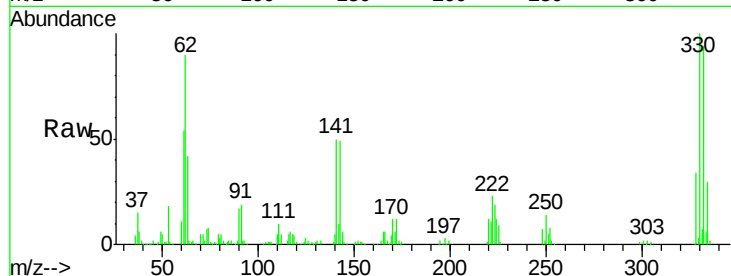




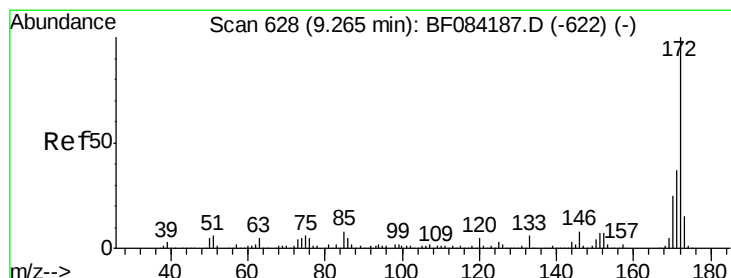
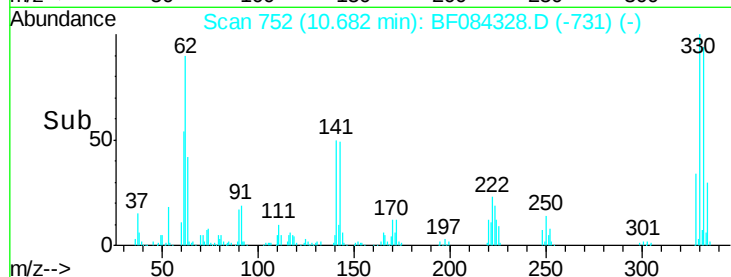
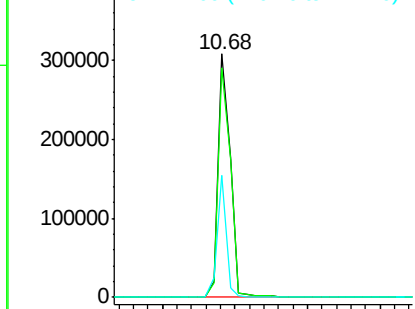
#41
 2,4,6-Tribromophenol
 Concen: 73.51 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084328.D
 Acq: 8 Jan 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BL

Tgt Ion:330 Resp: 360184
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 37.8 27.8 41.6

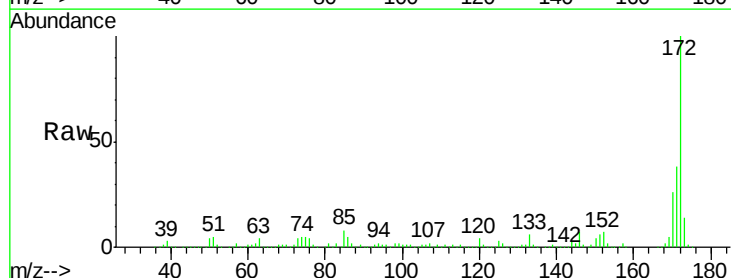


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

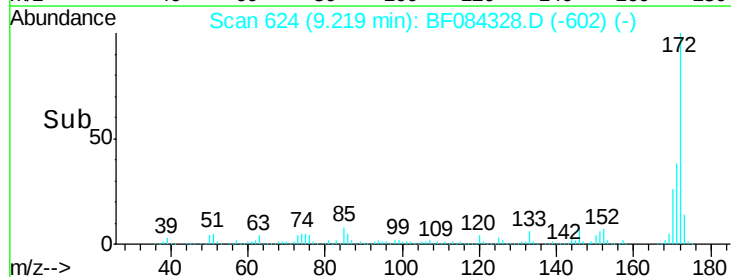
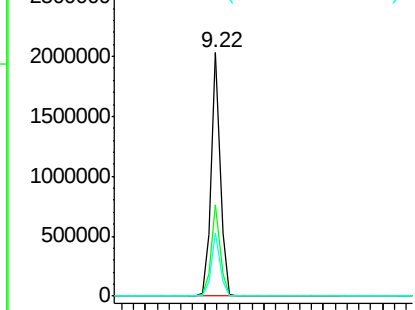


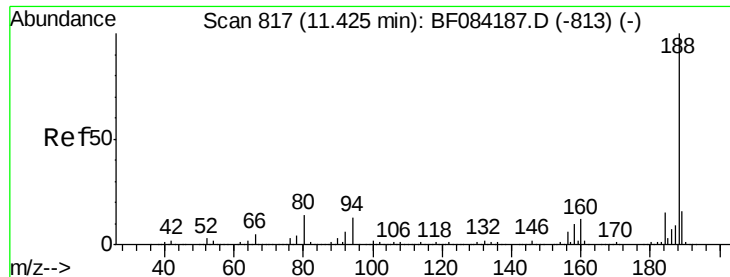
#44
 2-Fluorobiphenyl
 Concen: 78.11 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084328.D
 Acq: 8 Jan 2016 15:22

Tgt Ion:172 Resp: 2169174
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.9 43.3
 170 25.7 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

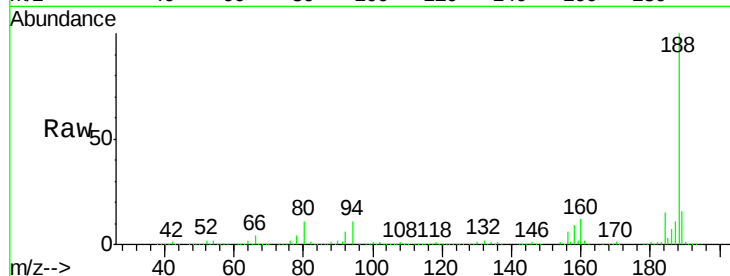




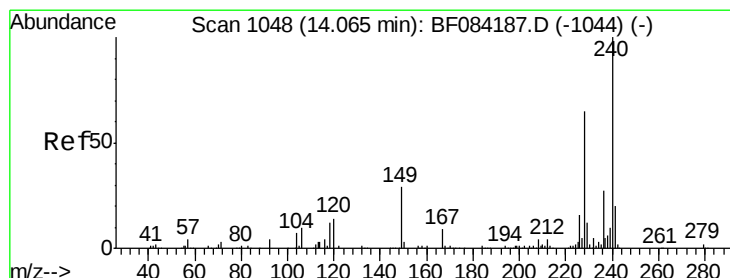
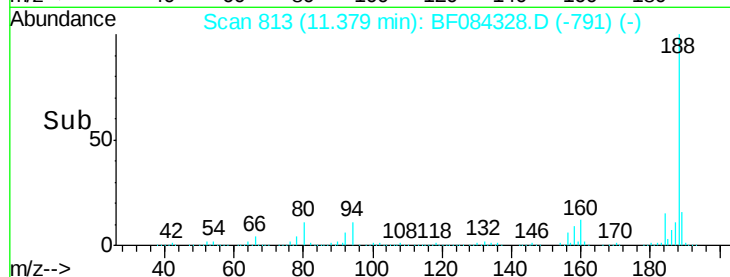
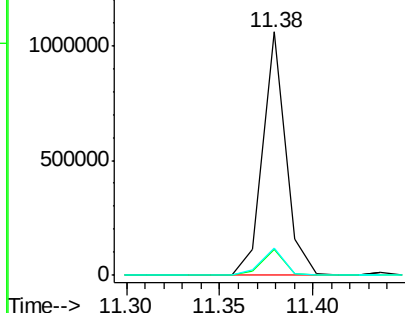
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Instrument :
BNA_F
ClientSampled :
PB87668BL

Tgt Ion:188 Resp: 921537
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 11.1 9.6 14.4

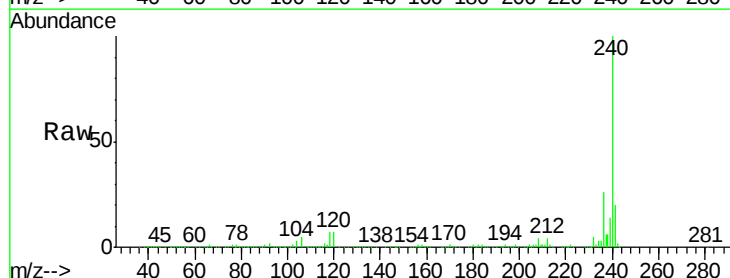


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

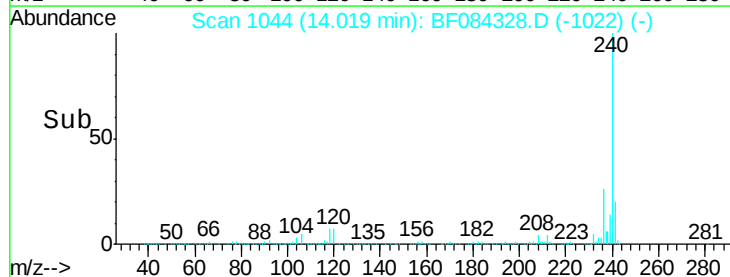
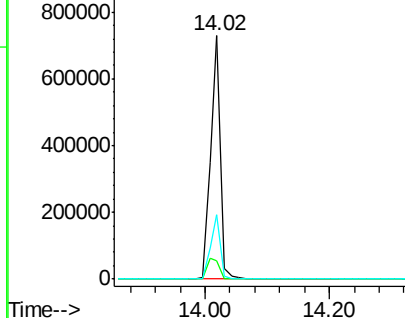


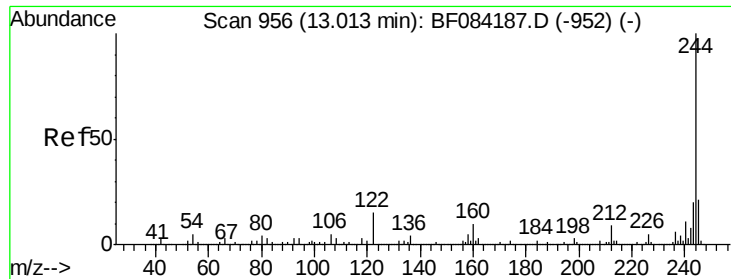
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084328.D
Acq: 8 Jan 2016 15:22

Tgt Ion:240 Resp: 780445
Ion Ratio Lower Upper
240 100
120 7.5 9.5 14.3#
236 26.2 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

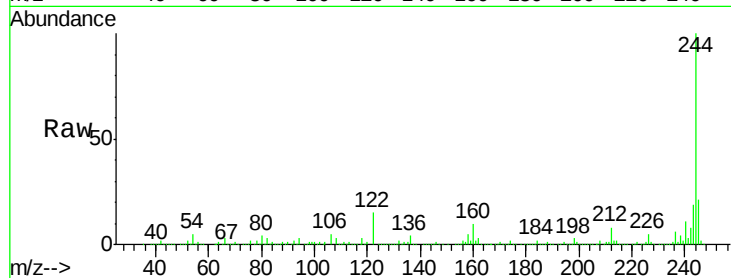




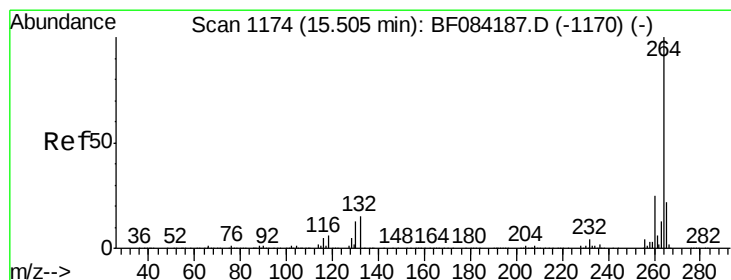
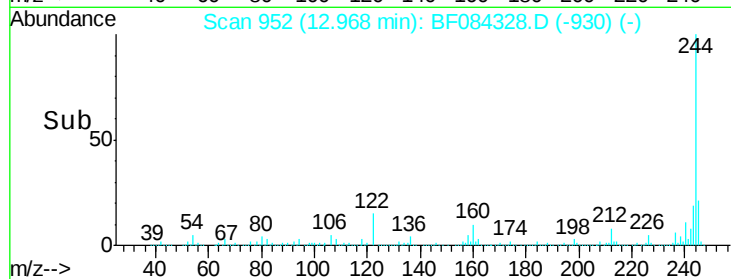
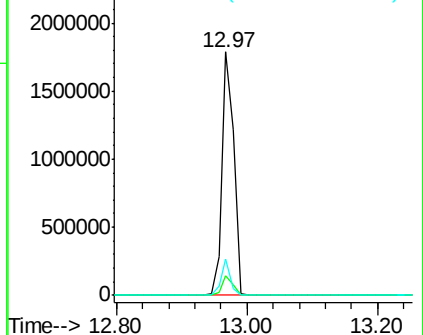
#78
 Terphenyl-d14
 Concen: 65.44 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084328.D
 Acq: 8 Jan 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BL

Tgt Ion:244 Resp: 2287953
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 15.0 7.4 11.0#

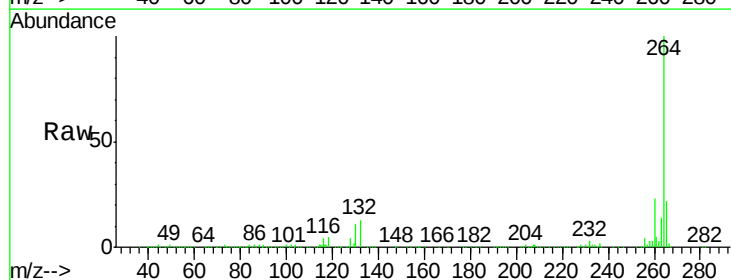


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084328.D
 Acq: 8 Jan 2016 15:22

Tgt Ion:264 Resp: 536587
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.7 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

