

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086521.D
 Acq On : 30 Apr 2016 14:02
 Operator : UM/SJ
 Sample : PB90161BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BL

Quant Time: May 01 03:58:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	124761	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	569112	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	281598	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	546624	20.00	ng	0.00
75) Chrysene-d12	13.92	240	489222	20.00	ng	0.00
86) Perylene-d12	15.31	264	377504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	881320	121.85	ng	0.01
7) Phenol-d6	6.41	99	1271288	125.93	ng	0.00
23) Nitrobenzene-d5	7.33	82	771802	73.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	293229	98.74	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1193873	71.57	ng	-0.01
78) Terphenyl-d14	12.87	244	1283837	57.82	ng	-0.01

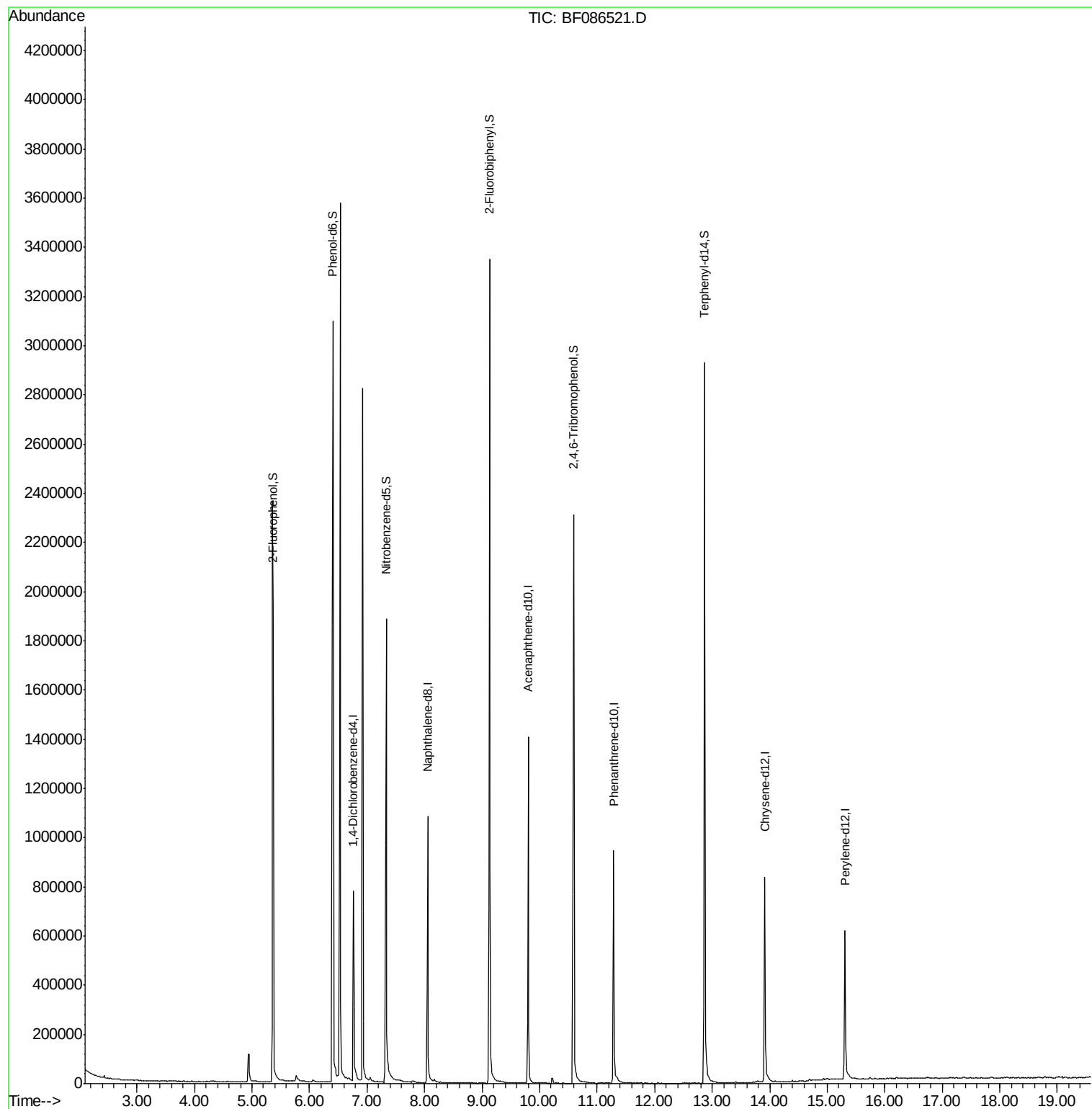
Target Compounds	Qvalue
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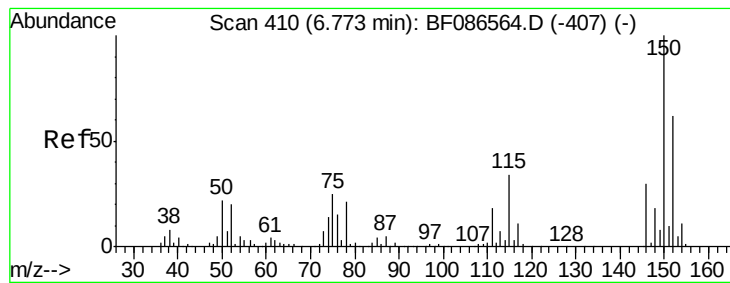
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086521.D

Acq: 30 Apr 2016 14:02

Instrument :

BNA_F

ClientSampled :

PB90161BL

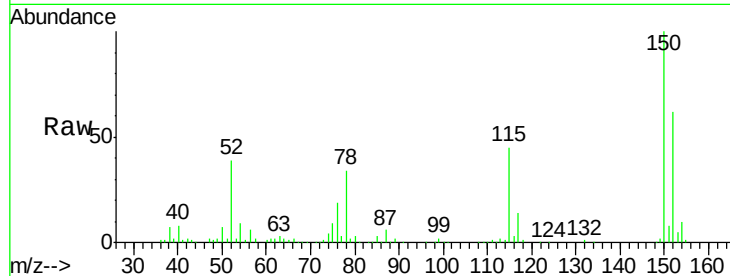
Tgt Ion:152 Resp: 124761

Ion Ratio Lower Upper

152 100

150 161.6 125.8 188.6

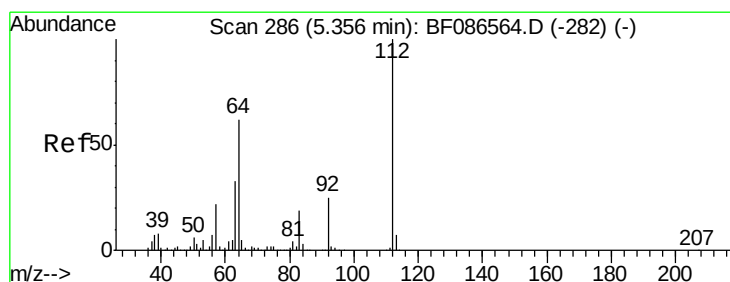
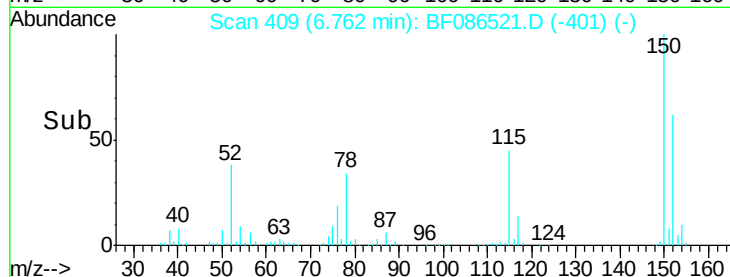
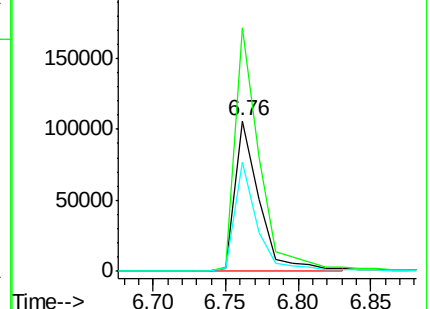
115 72.4 51.5 77.3



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: 121.85 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086521.D

Acq: 30 Apr 2016 14:02

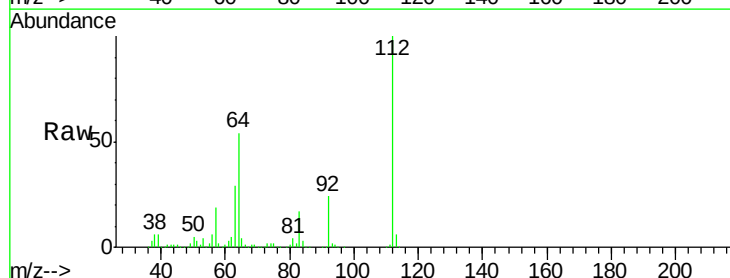
Tgt Ion:112 Resp: 881320

Ion Ratio Lower Upper

112 100

64 54.4 52.1 78.1

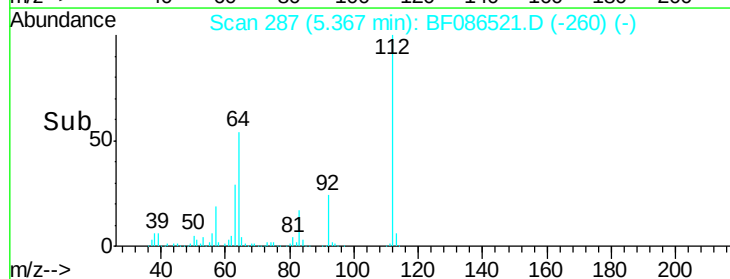
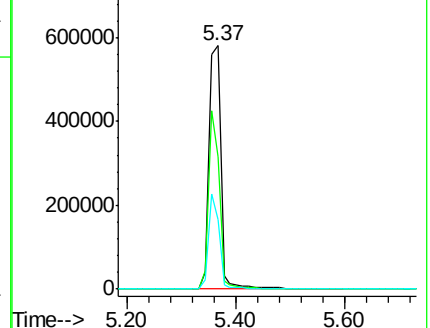
63 28.6 25.7 38.5

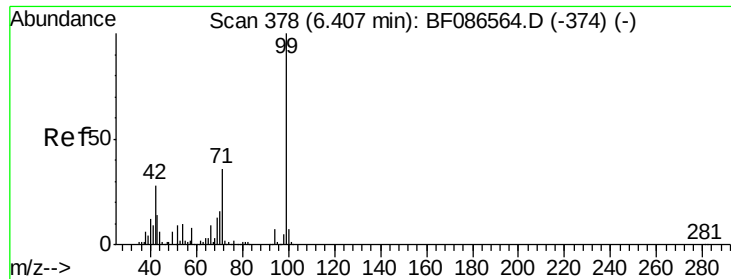


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.93 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086521.D

Acq: 30 Apr 2016 14:02

Instrument :

BNA_F

ClientSampled :

PB90161BL

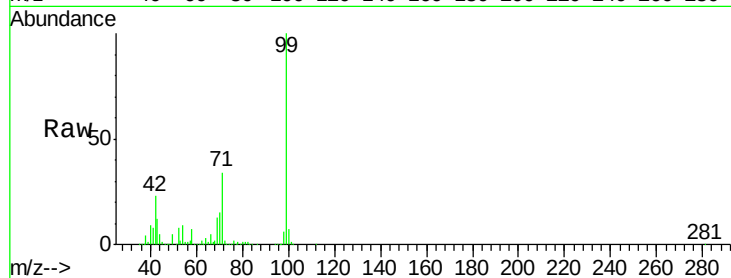
Tgt Ion: 99 Resp: 1271288

Ion Ratio Lower Upper

99 100

42 23.2 13.6 20.4#

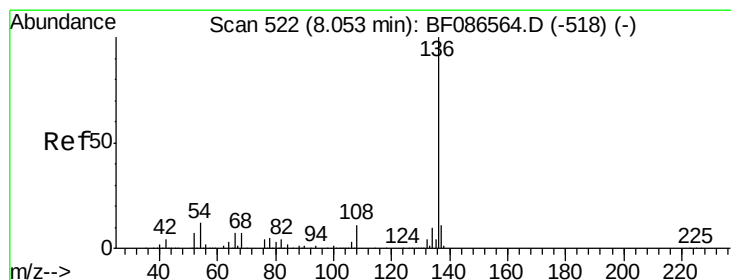
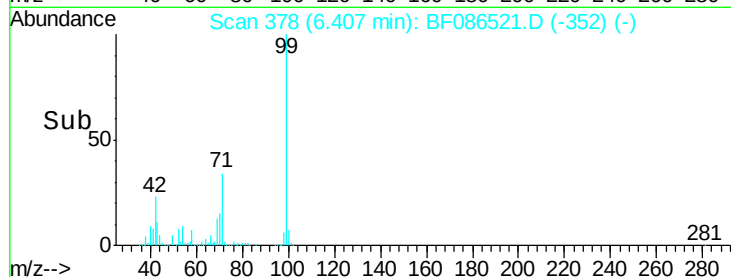
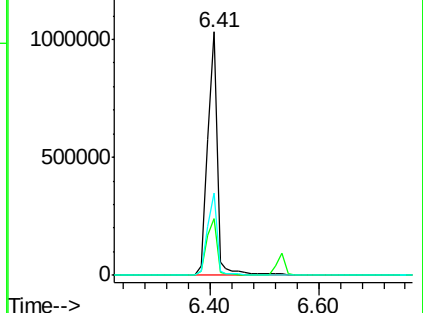
71 33.9 24.6 36.8



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: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086521.D

Acq: 30 Apr 2016 14:02

Tgt Ion: 136 Resp: 569112

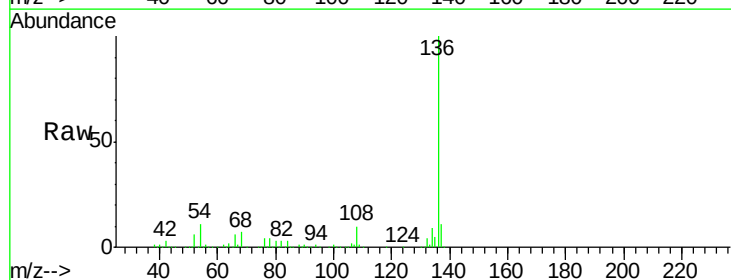
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.5 5.0 7.4#

68 6.5 4.4 6.6

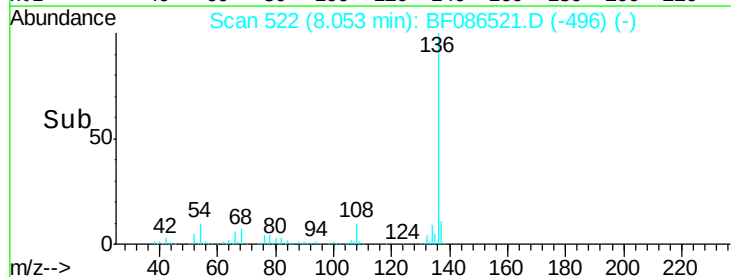
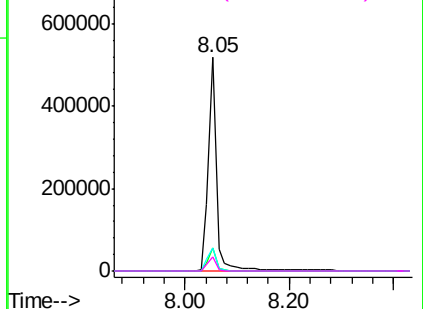


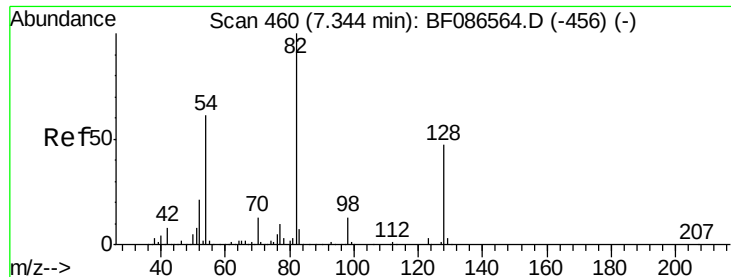
Abundance Ion 136.00 (135.70 to 136.70): E

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

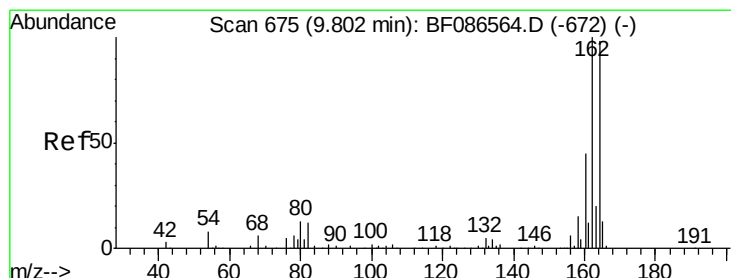
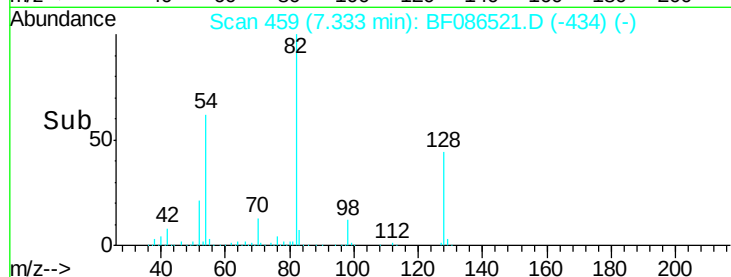
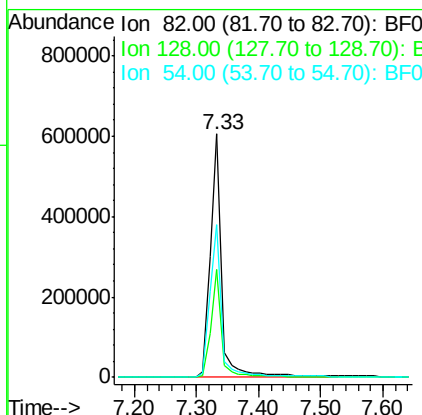
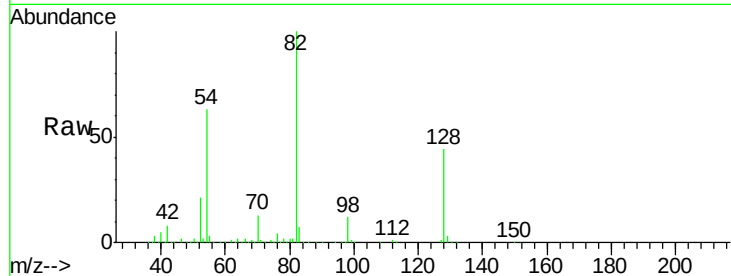




#23
 Nitrobenzene-d5
 Concen: 73.10 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086521.D
 Acq: 30 Apr 2016 14:02

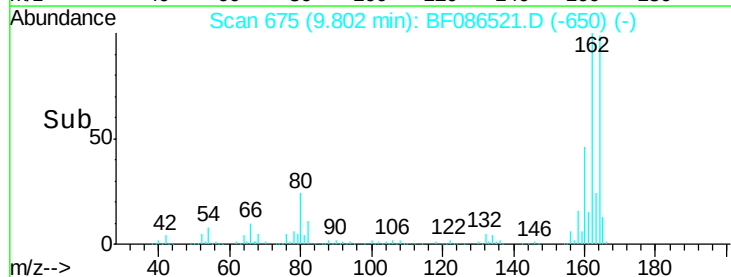
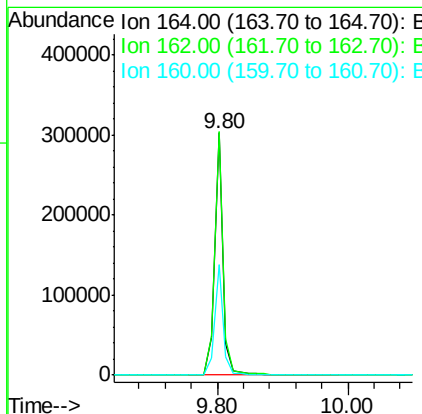
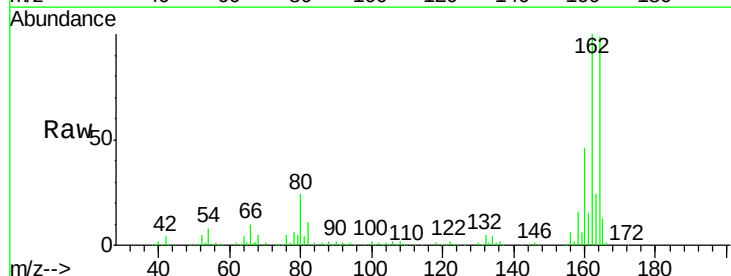
Instrument :
 BNA_F
 ClientSampleId :
 PB90161BL

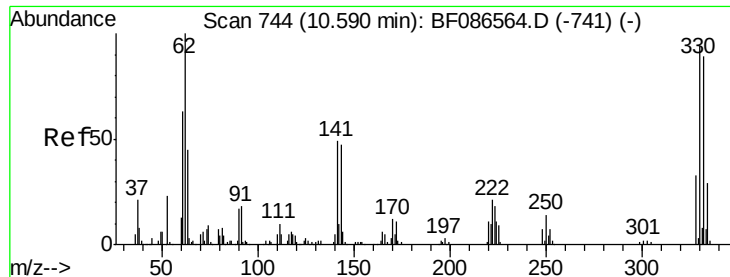
Tgt Ion: 82 Resp: 771802
 Ion Ratio Lower Upper
 82 100
 128 44.1 40.6 61.0
 54 62.5 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086521.D
 Acq: 30 Apr 2016 14:02

Tgt Ion: 164 Resp: 281598
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.8 124.2
 160 45.8 36.9 55.3

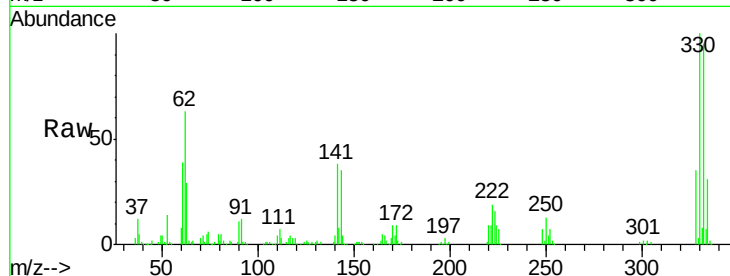




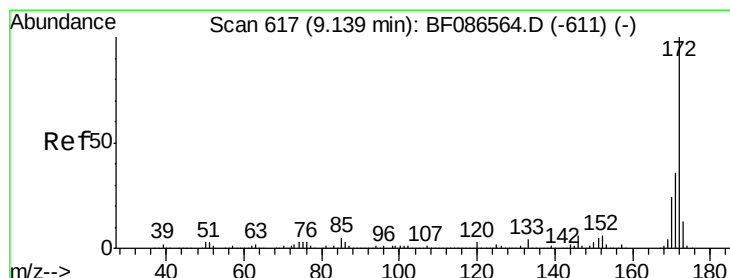
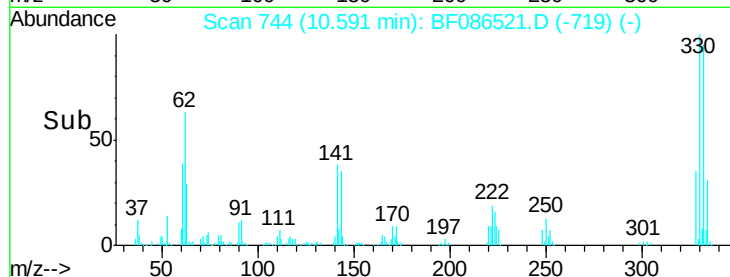
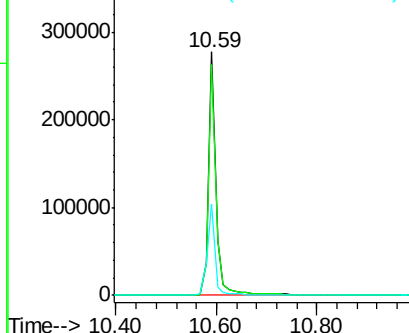
#41
 2,4,6-Tribromophenol
 Concen: 98.74 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086521.D
 Acq: 30 Apr 2016 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	38.9	31.2	46.8

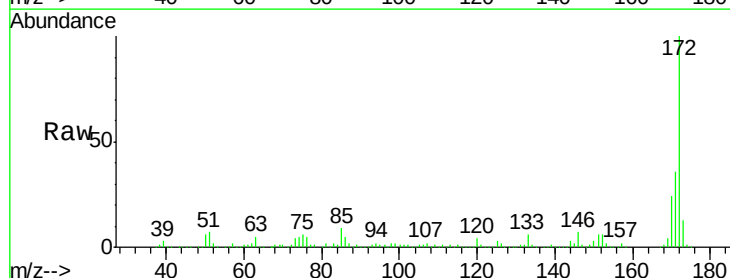


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

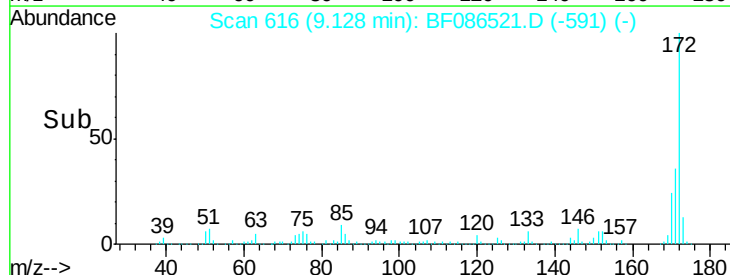
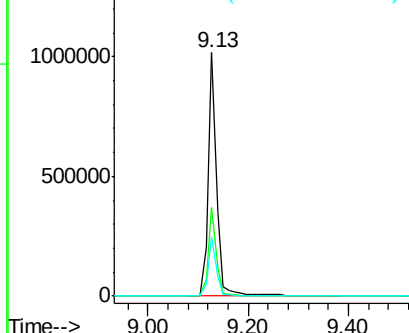


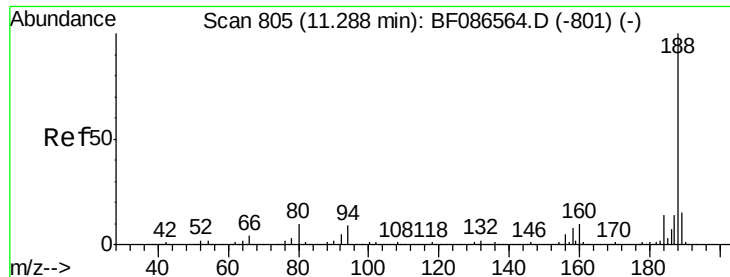
#44
 2-Fluorobiphenyl
 Concen: 71.57 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086521.D
 Acq: 30 Apr 2016 14:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.3	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

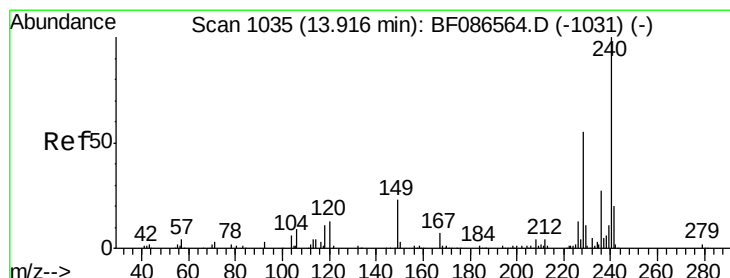
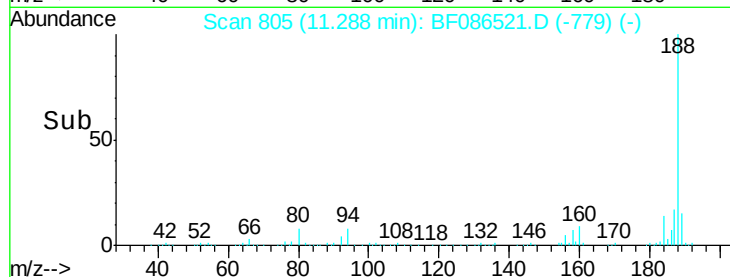
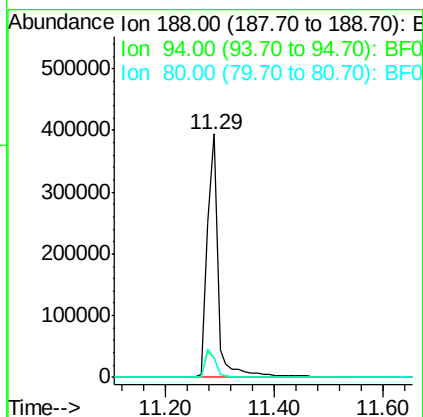
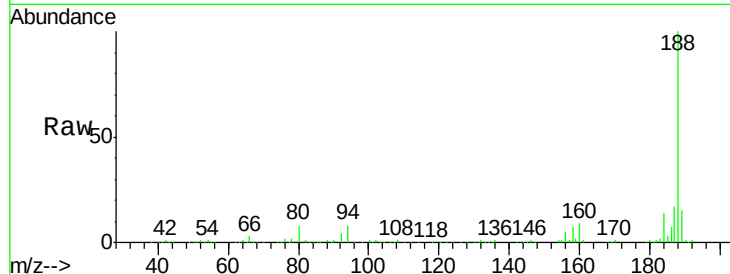




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF086521.D
 Acq: 30 Apr 2016 14:02

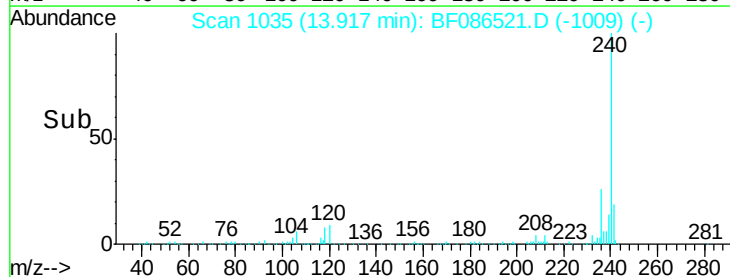
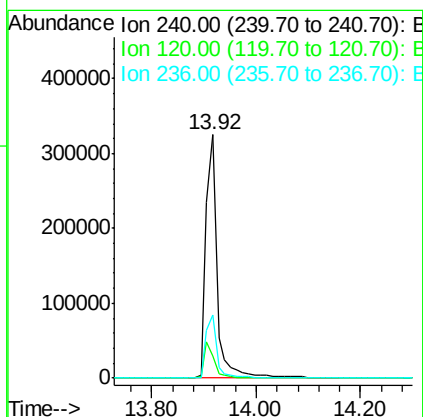
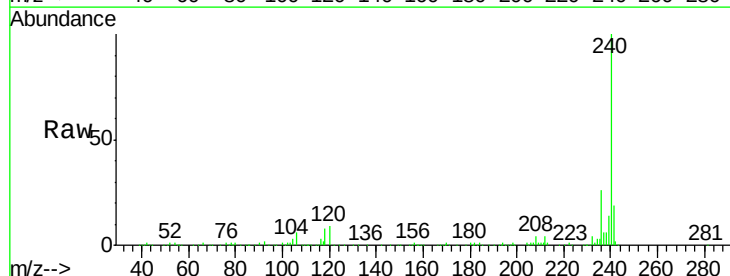
Instrument :
 BNA_F
 ClientSampled :
 PB90161BL

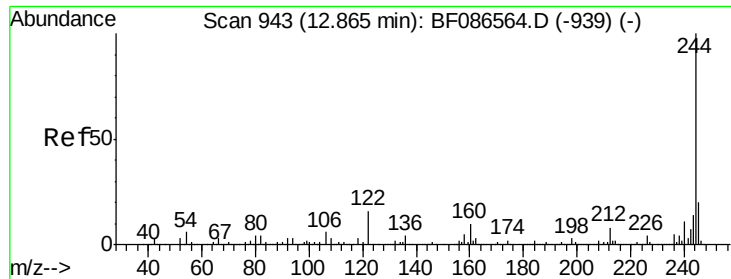
Tgt Ion:188 Resp: 546624
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.8 10.2
 80 8.1 7.1 10.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086521.D
 Acq: 30 Apr 2016 14:02

Tgt Ion:240 Resp: 489222
 Ion Ratio Lower Upper
 240 100
 120 9.0 11.2 16.8#
 236 26.0 21.2 31.8

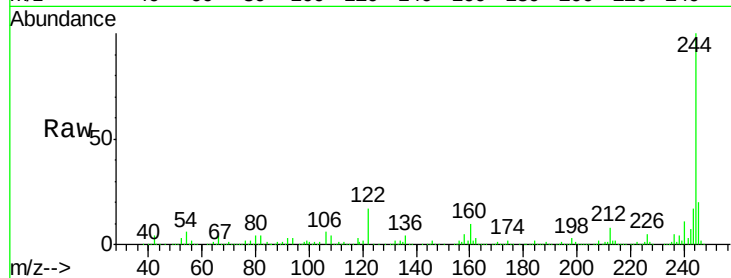




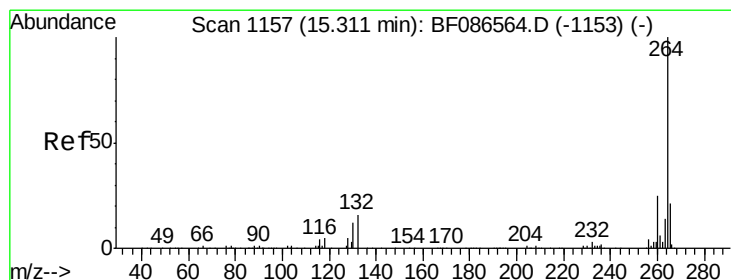
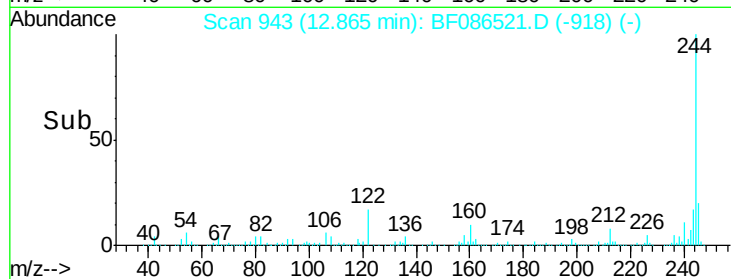
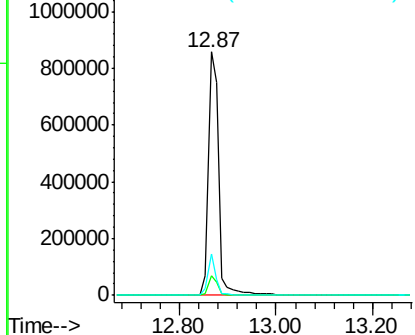
#78
 Terphenyl-d14
 Concen: 57.82 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086521.D
 Acq: 30 Apr 2016 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90161BL

Tgt Ion:244 Resp: 1283837
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 17.0 12.0 18.0

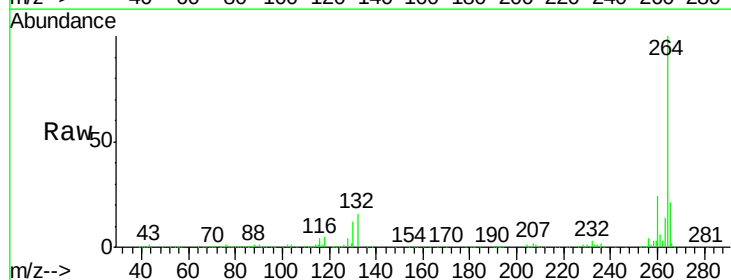


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086521.D
 Acq: 30 Apr 2016 14:02

Tgt Ion:264 Resp: 377504
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.3 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

