

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086742.D
 Acq On : 6 May 2016 23:54
 Operator : UM/SJ
 Sample : H2770-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Quant Time: May 07 04:13:45 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	166389	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	688589	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	332465	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	623135	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	447130	40.00	ng	-0.01
86) Perylene-d12	15.23	264	334583	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	689290	68.58	ng	0.00
7) Phenol-d6	6.36	99	565246	41.75	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1180484	88.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	464851	142.93	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1891787	93.27	ng	-0.01
78) Terphenyl-d14	12.81	244	1673324	75.63	ng	0.00

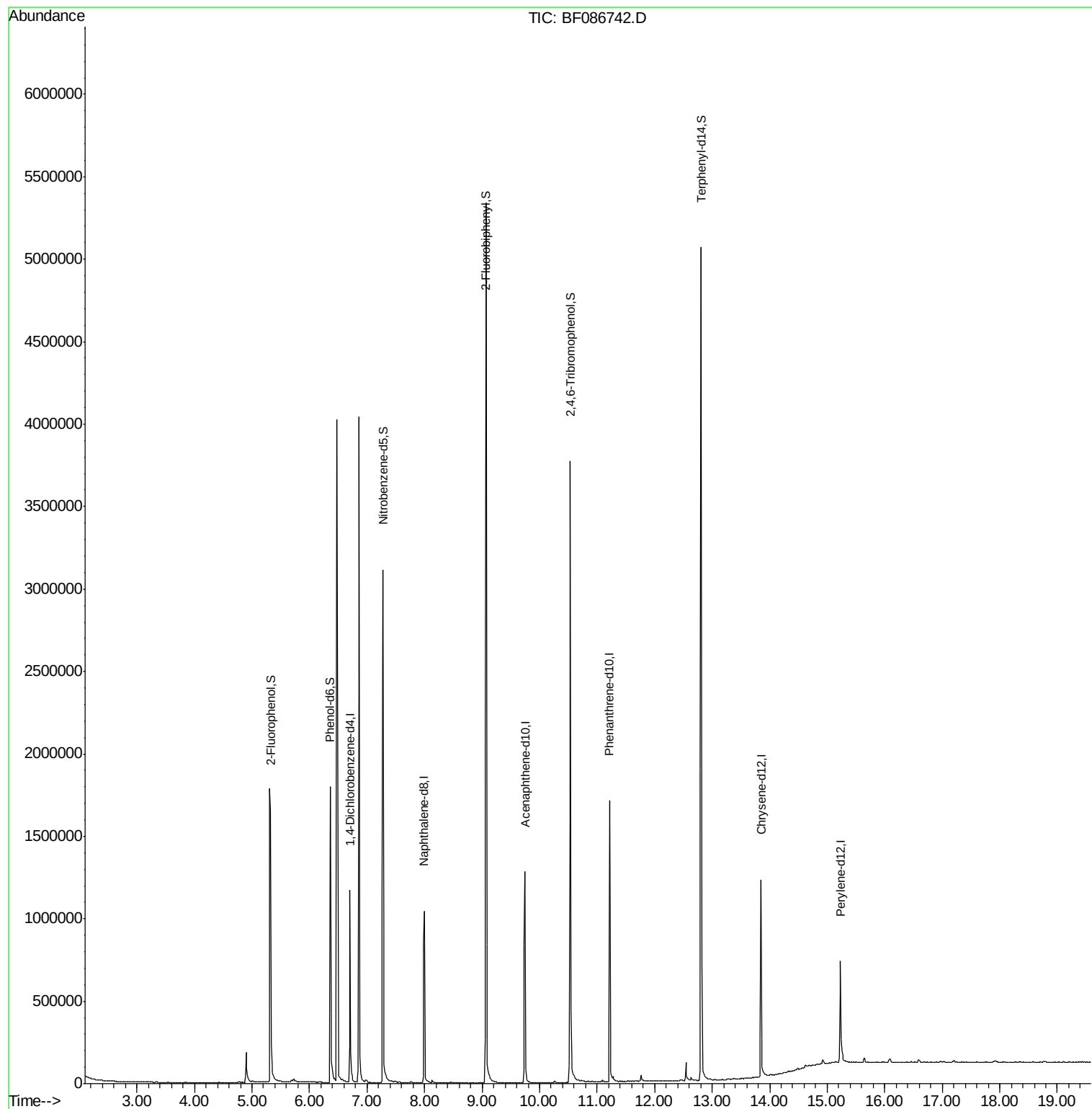
Target Compounds	Qvalue
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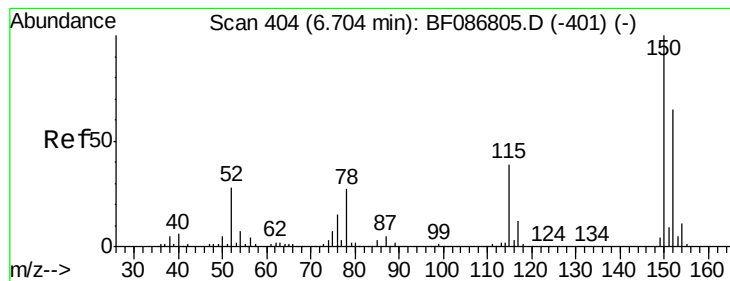
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086742.D

Acq: 6 May 2016 23:54

Instrument :

BNA_F

ClientSampleId :

MW1

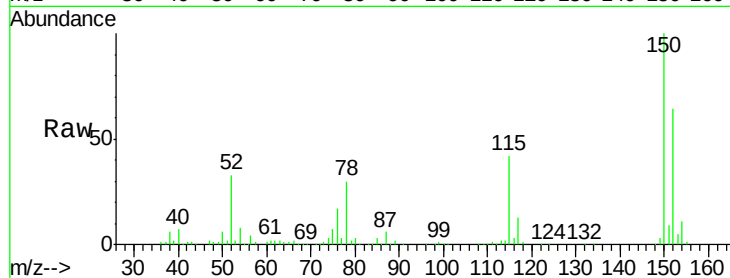
Tgt Ion:152 Resp: 166389

Ion Ratio Lower Upper

152 100

150 156.0 125.8 188.6

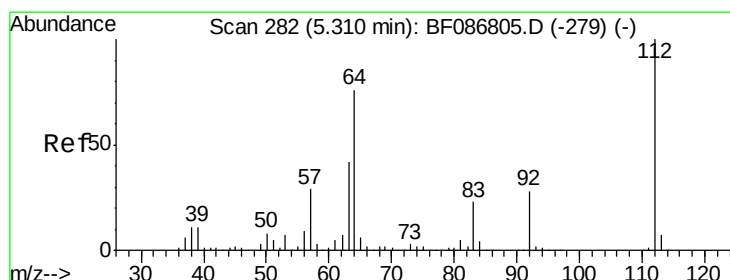
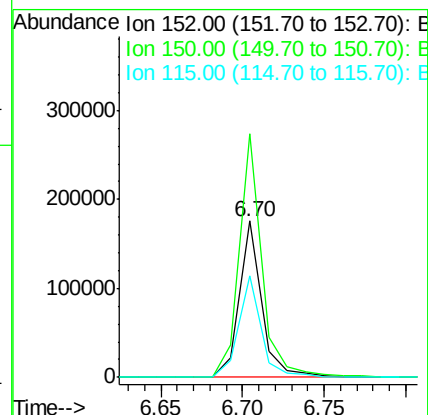
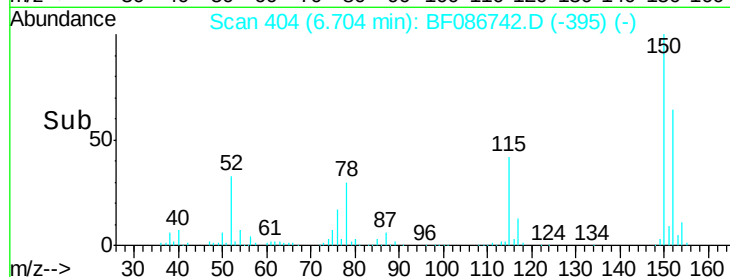
115 64.8 51.5 77.3



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: 68.58 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086742.D

Acq: 6 May 2016 23:54

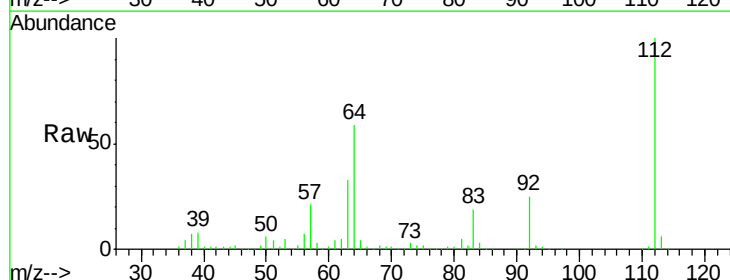
Tgt Ion:112 Resp: 689290

Ion Ratio Lower Upper

112 100

64 59.4 52.1 78.1

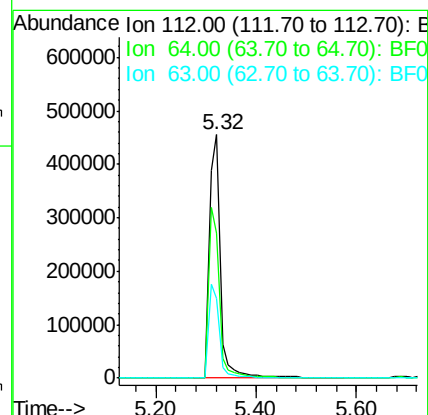
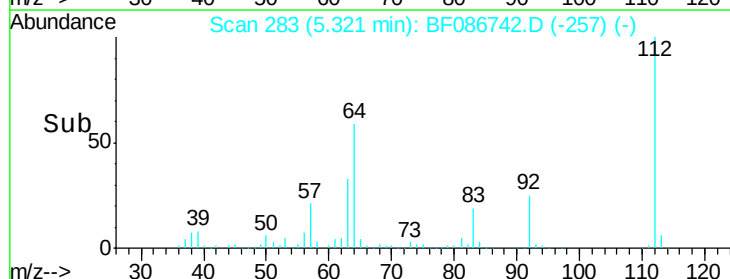
63 32.7 25.7 38.5

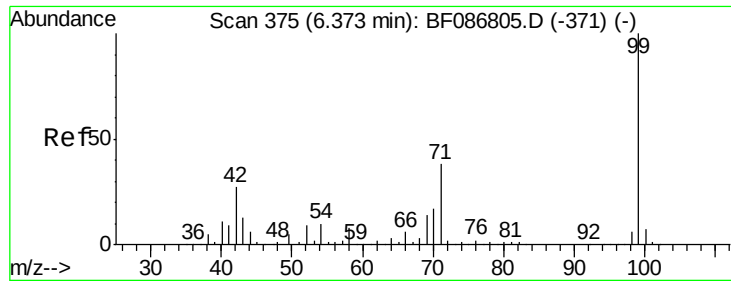


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.75 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF086742.D

Acq: 6 May 2016 23:54

Instrument :

BNA_F

ClientSampleId :

MW1

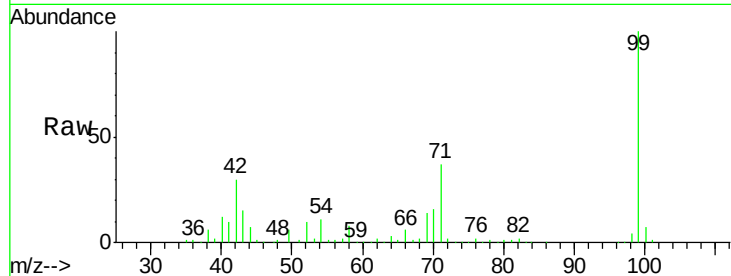
Tgt Ion: 99 Resp: 565246

Ion Ratio Lower Upper

99 100

42 29.7 13.6 20.4#

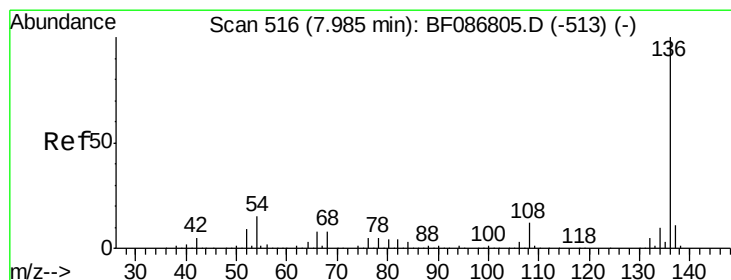
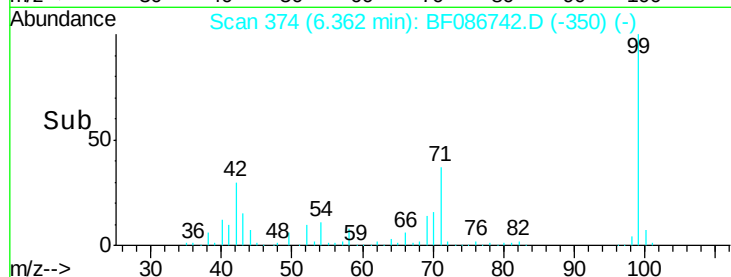
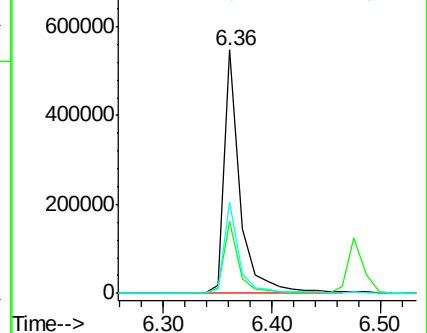
71 37.5 24.6 36.8#



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: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF086742.D

Acq: 6 May 2016 23:54

Tgt Ion: 136 Resp: 688589

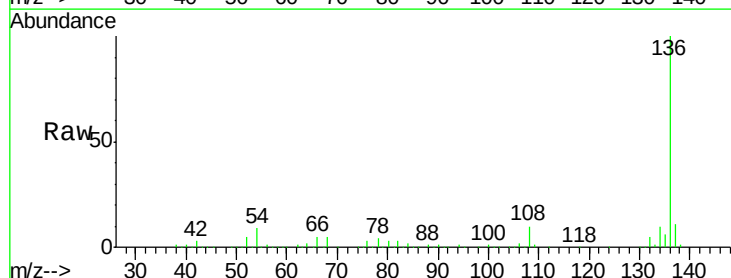
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.0 5.0 7.4#

68 5.3 4.4 6.6

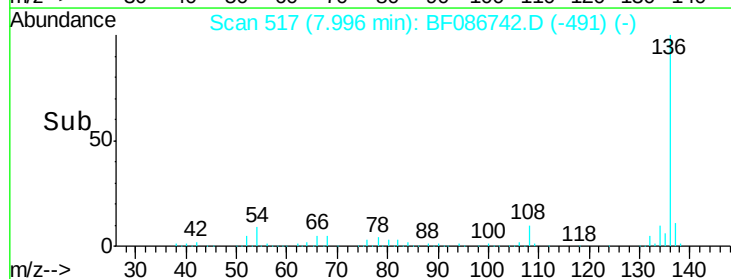
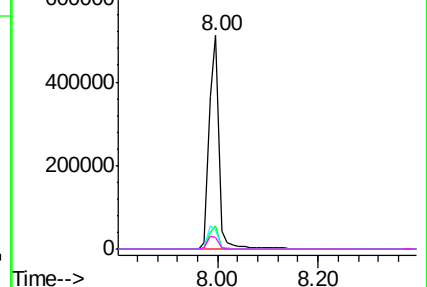


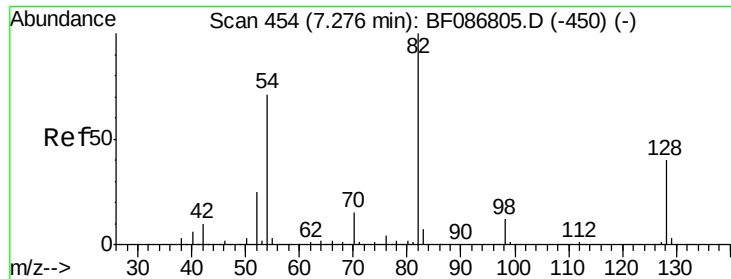
Abundance Ion 136.00 (135.70 to 136.70): E

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

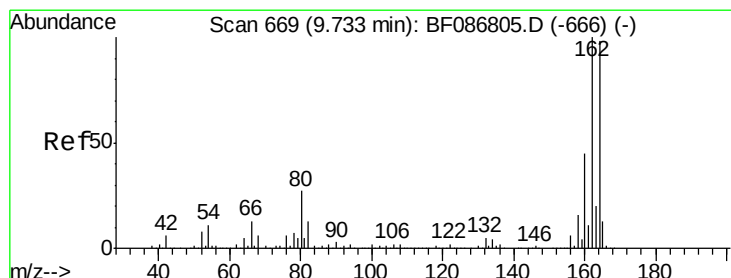
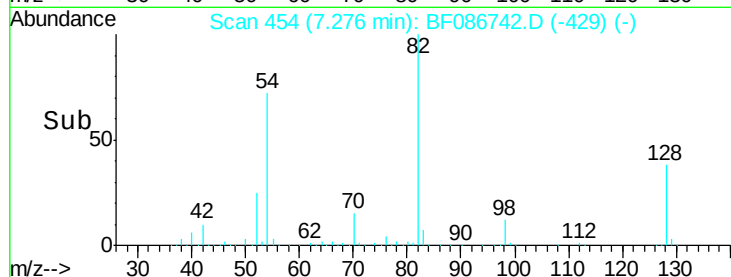
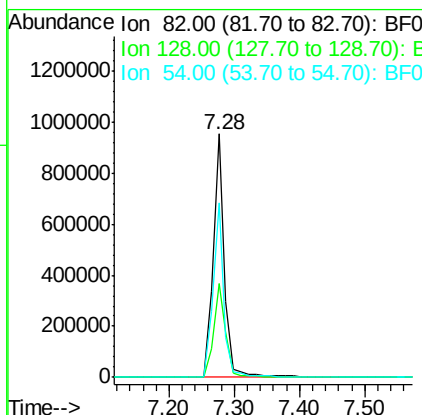
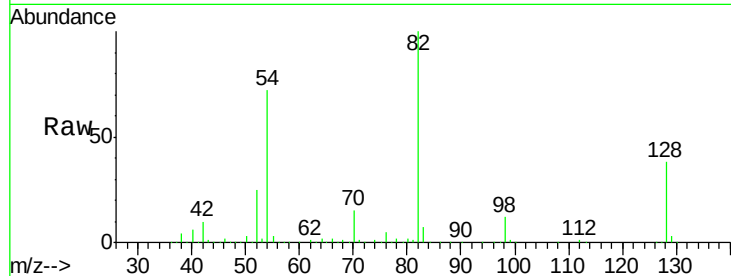




#23
 Nitrobenzene-d5
 Concen: 88.10 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086742.D
 Acq: 6 May 2016 23:54

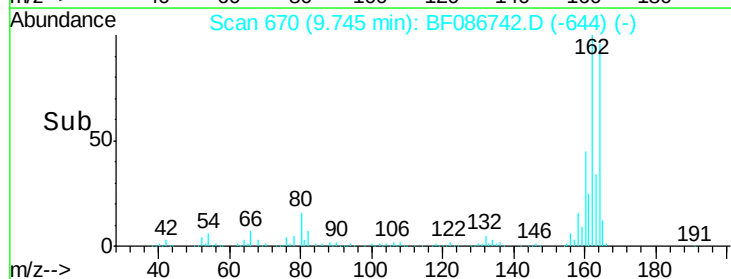
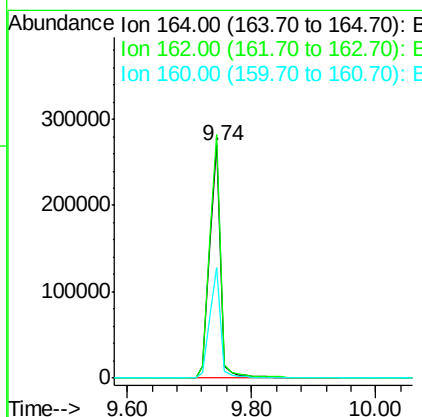
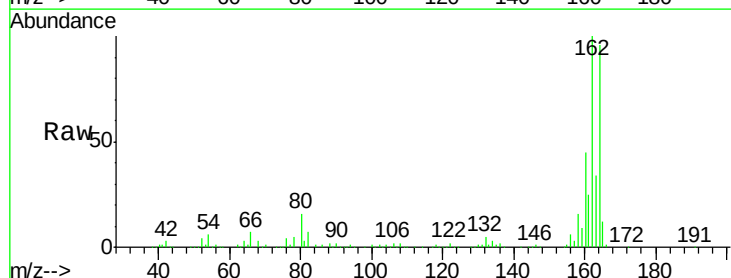
Instrument :
 BNA_F
 ClientSampleId :
 MW1

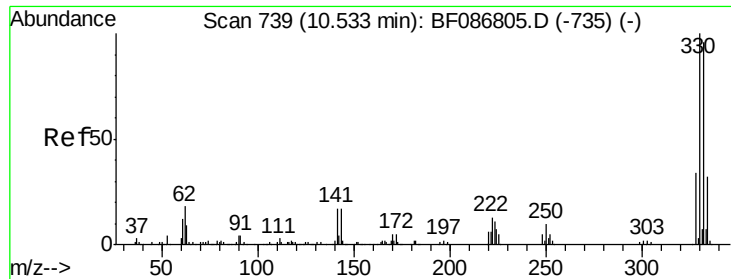
Tgt Ion: 82 Resp: 1180484
 Ion Ratio Lower Upper
 82 100
 128 38.5 40.6 61.0#
 54 71.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF086742.D
 Acq: 6 May 2016 23:54

Tgt Ion: 164 Resp: 332465
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.8 124.2
 160 47.6 36.9 55.3

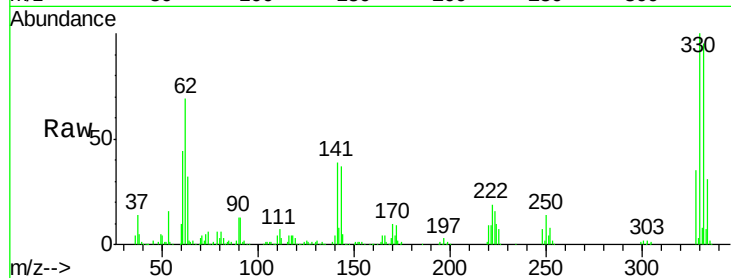




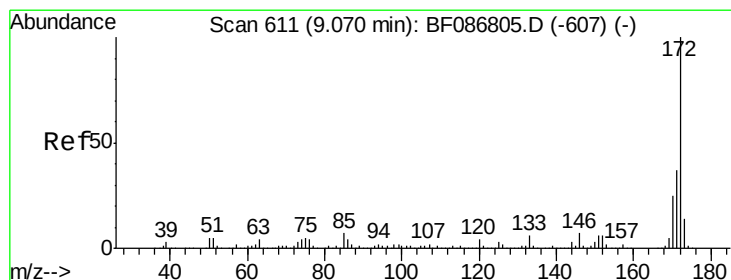
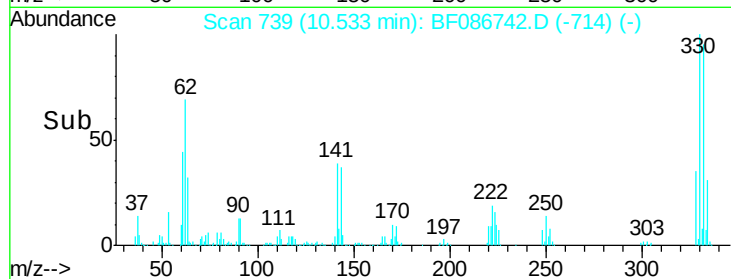
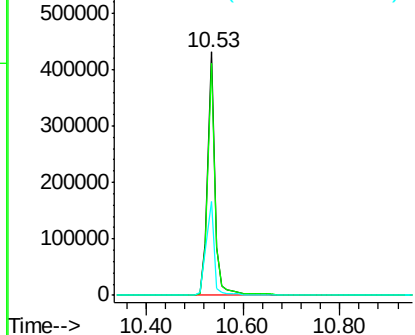
#41
 2,4,6-Tribromophenol
 Concen: 142.93 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086742.D
 Acq: 6 May 2016 23:54

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Tgt Ion:330 Resp: 464851
 Ion Ratio Lower Upper
 330 100
 332 94.7 79.0 118.4
 141 42.1 31.2 46.8

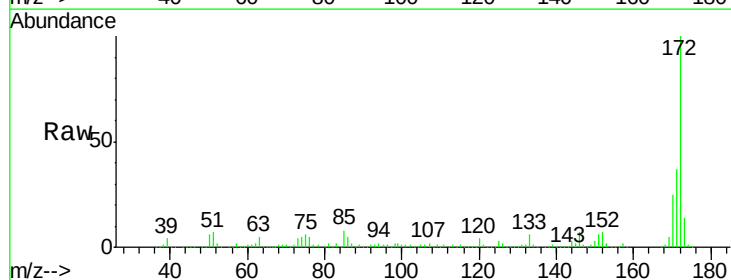


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

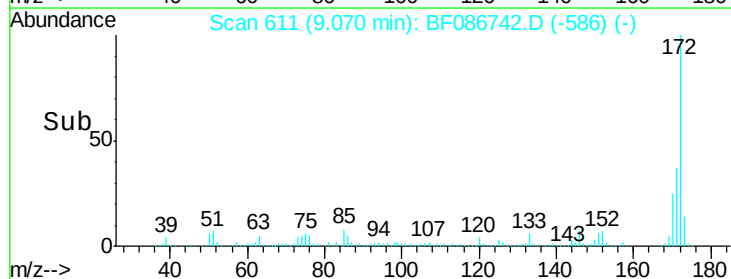
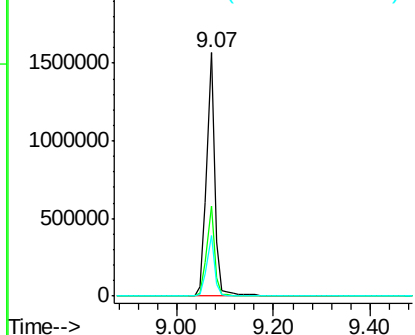


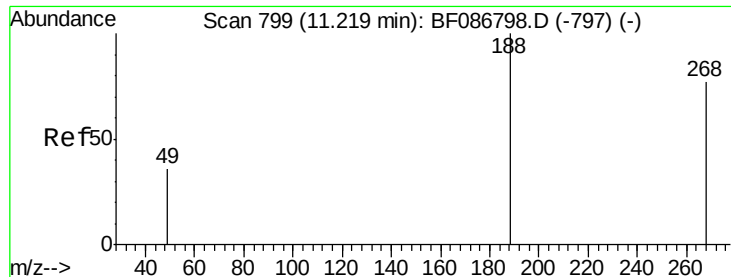
#44
 2-Fluorobiphenyl
 Concen: 93.27 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086742.D
 Acq: 6 May 2016 23:54

Tgt Ion:172 Resp: 1891787
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.8 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

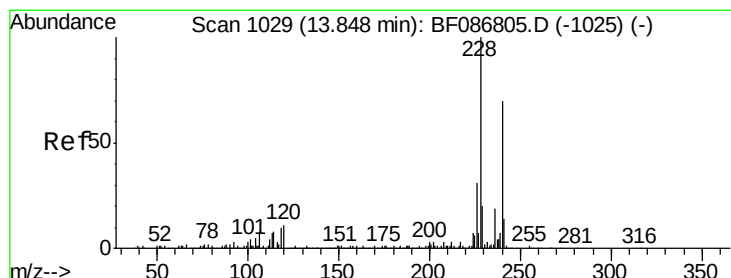
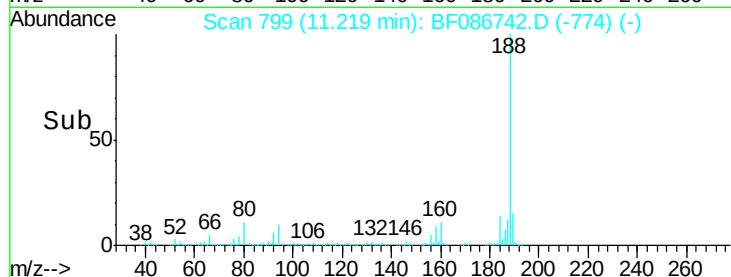
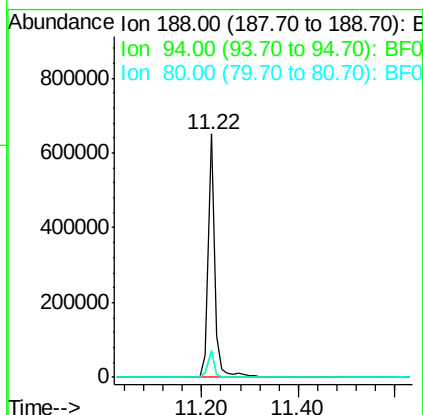
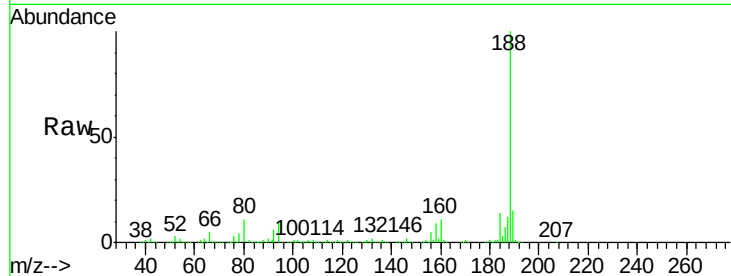




#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF086742.D
 Acq: 6 May 2016 23:54

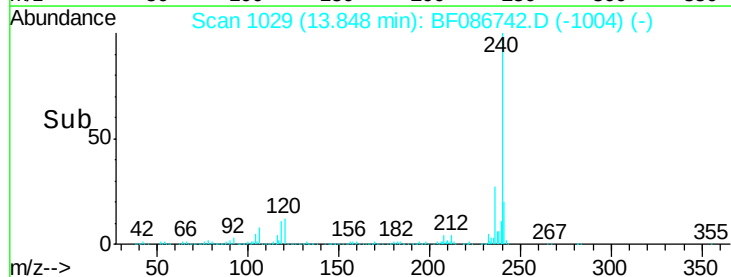
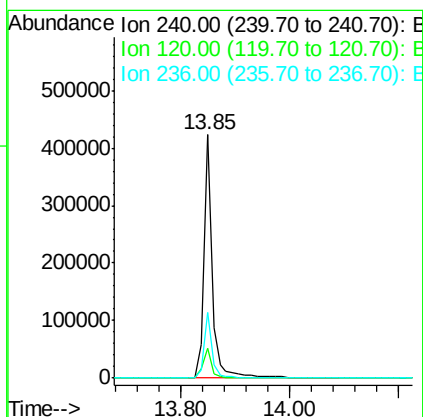
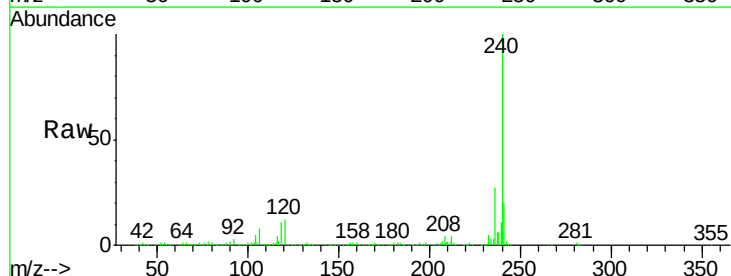
Instrument :
 BNA_F
 ClientSampleId :
 MW1

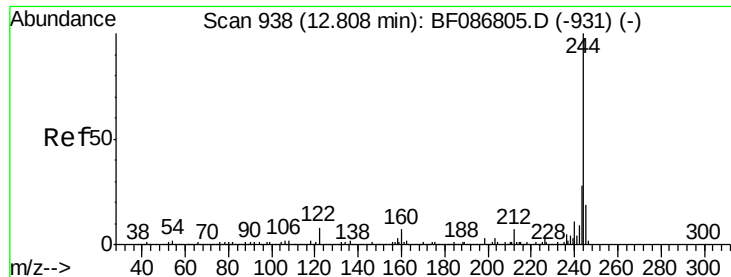
Tgt Ion:188 Resp: 623135
 Ion Ratio Lower Upper
 188 100
 94 10.4 6.8 10.2#
 80 11.5 7.1 10.7#



#75
 Chrysene-d12
 Concen: 40.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF086742.D
 Acq: 6 May 2016 23:54

Tgt Ion:240 Resp: 447130
 Ion Ratio Lower Upper
 240 100
 120 12.4 11.2 16.8
 236 26.8 21.2 31.8





#78

Terphenyl-d14

Concen: 75.63 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086742.D

Acq: 6 May 2016 23:54

Instrument :

BNA_F

ClientSampleId :

MW1

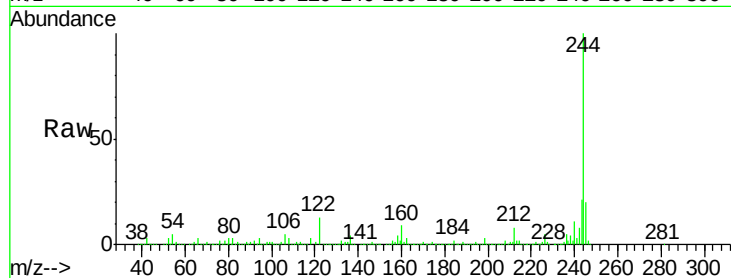
Tgt Ion:244 Resp: 1673324

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 13.2 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

12.81

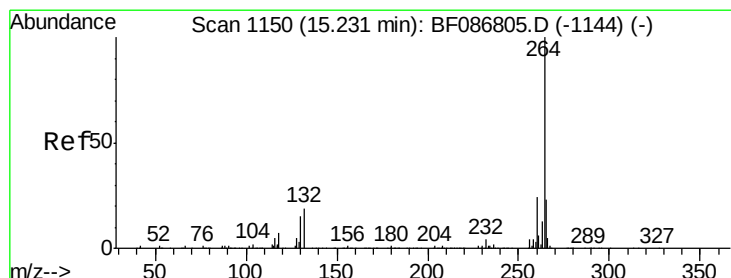
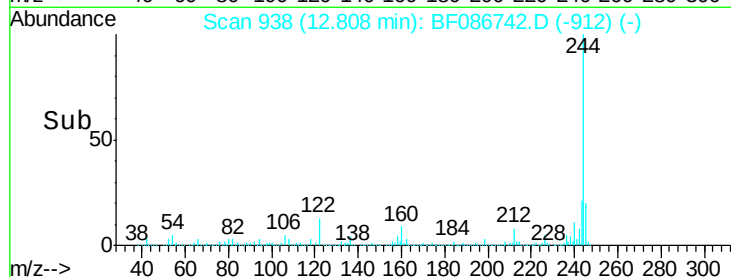
1500000

1000000

500000

0

Time-->



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF086742.D

Acq: 6 May 2016 23:54

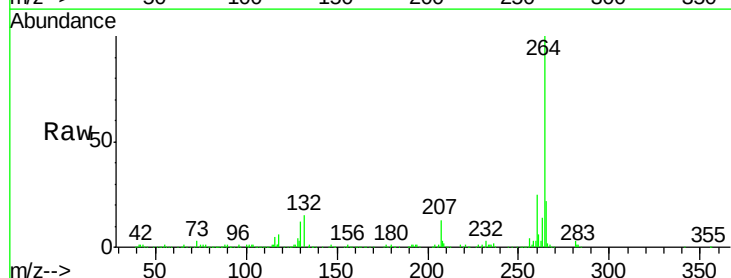
Tgt Ion:264 Resp: 334583

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.1 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

15.23

300000

250000

200000

150000

100000

50000

0

Time-->

