

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086769.D
 Acq On : 7 May 2016 12:51
 Operator : UM/SJ
 Sample : H2858-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MWHR(2-6)

Quant Time: May 07 23:44:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	178886	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	728584	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	348512	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	665942	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	452660	40.00	ng	-0.03
86) Perylene-d12	15.22	264	336763	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	610215	56.47	ng	-0.02
7) Phenol-d6	6.35	99	483978	33.25	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1268720	89.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	576726	169.16	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2122445	99.83	ng	-0.03
78) Terphenyl-d14	12.81	244	1605243	71.67	ng	-0.03

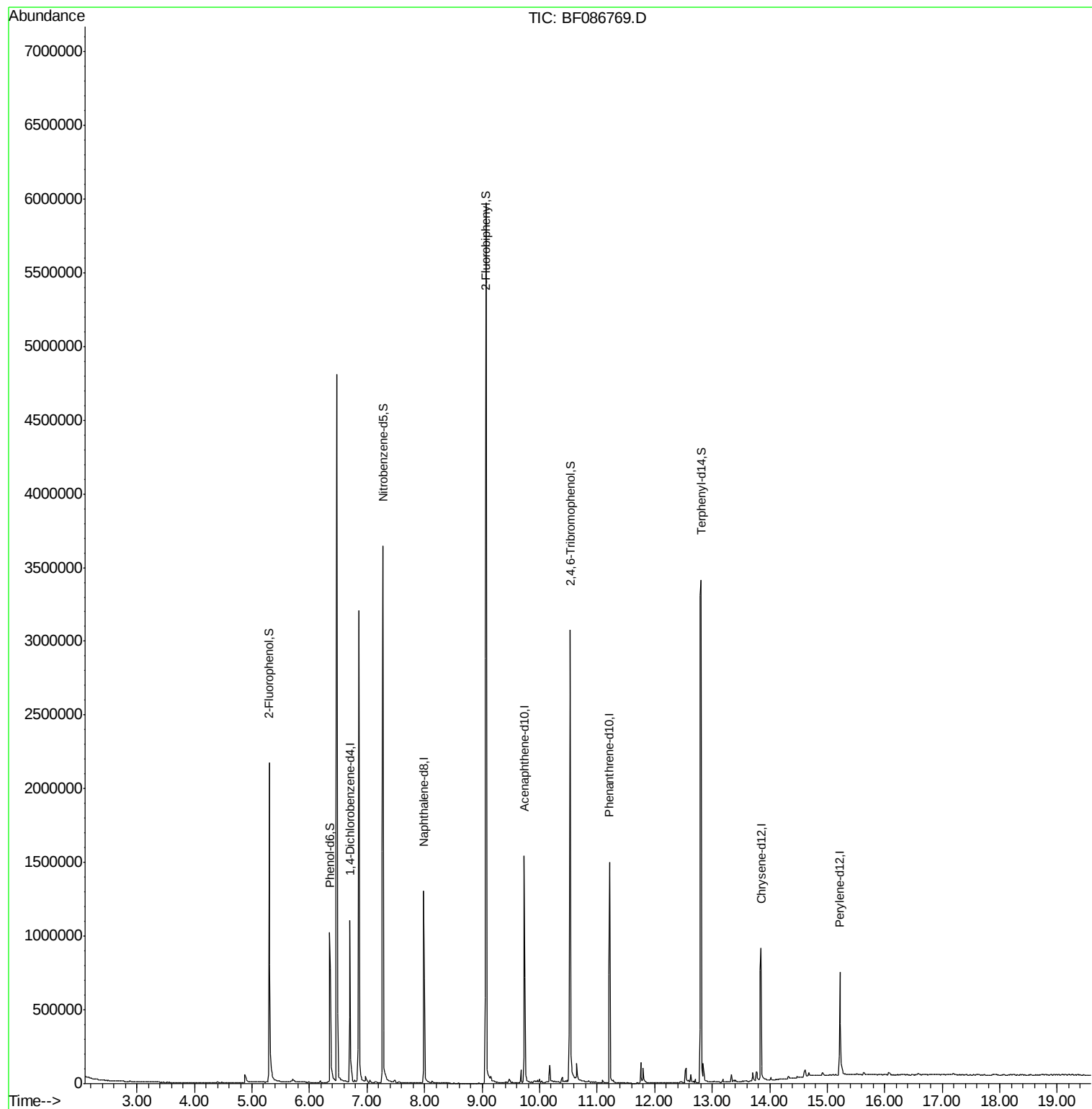
Target Compounds	Qvalue
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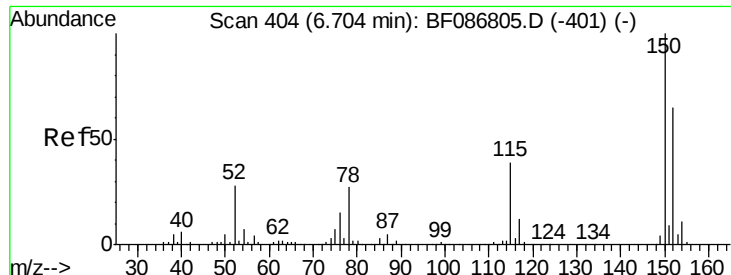
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF086769.D

Acq: 7 May 2016 12:51

Instrument :

BNA_F

ClientSampleId :

MWHR(2-6)

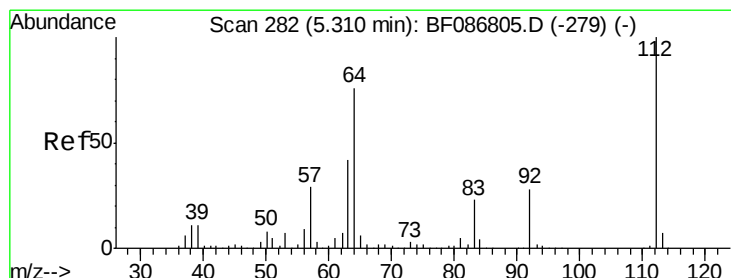
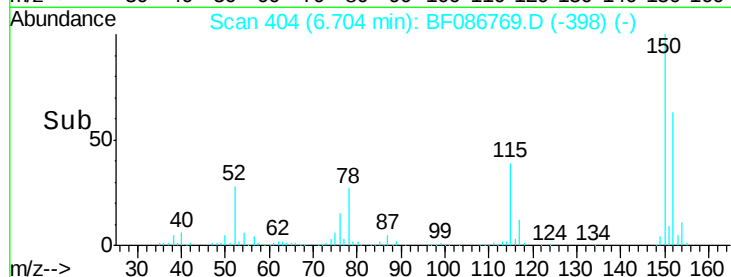
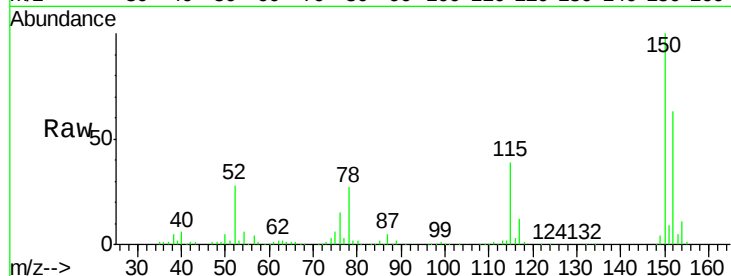
Tgt Ion:152 Resp: 178886

Ion Ratio Lower Upper

152 100

150 157.7 125.8 188.6

115 62.0 51.5 77.3



#5

2-Fluorophenol

Concen: 56.47 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF086769.D

Acq: 7 May 2016 12:51

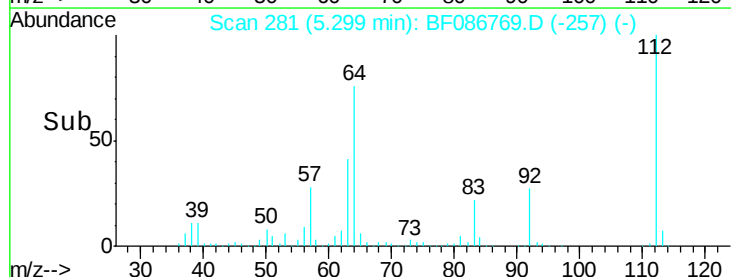
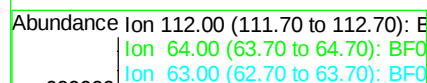
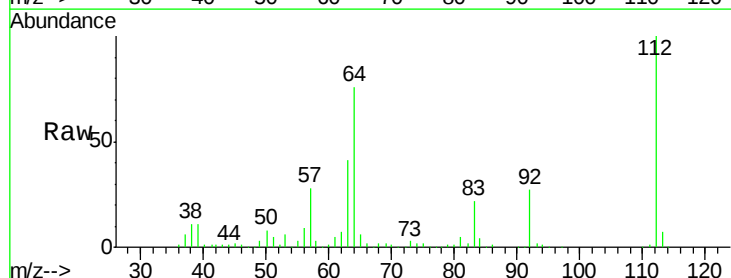
Tgt Ion:112 Resp: 610215

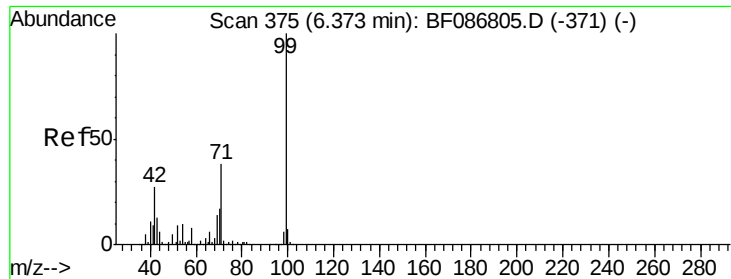
Ion Ratio Lower Upper

112 100

64 76.0 52.1 78.1

63 40.7 25.7 38.5#





#7

Phenol-d6

Concen: 33.25 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF086769.D

Acq: 7 May 2016 12:51

Instrument :

BNA_F

ClientSampleId :

MWHR(2-6)

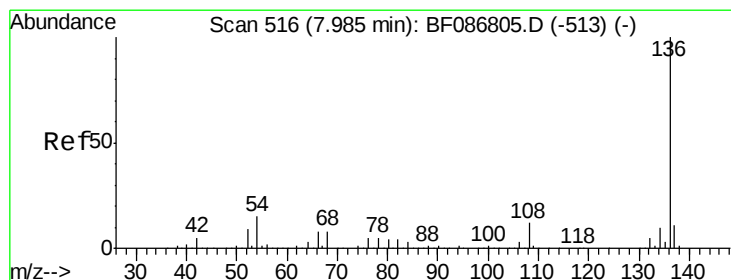
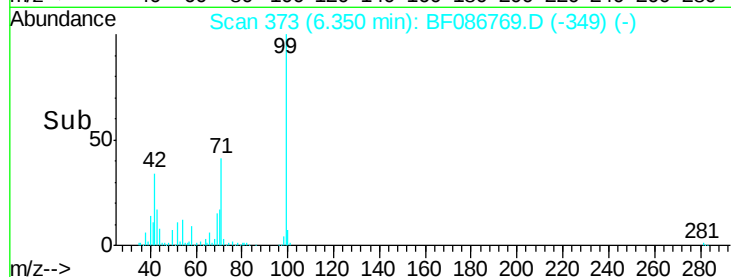
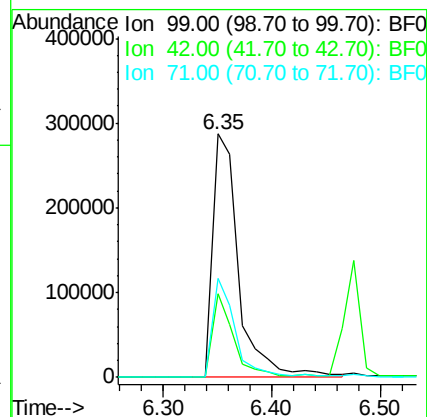
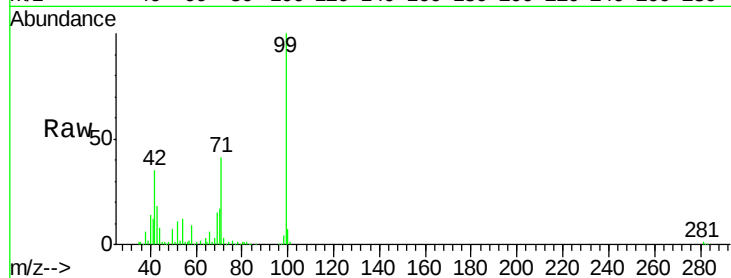
Tgt Ion: 99 Resp: 483978

Ion Ratio Lower Upper

99 100

42 34.6 13.6 20.4#

71 40.6 24.6 36.8#



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF086769.D

Acq: 7 May 2016 12:51

Tgt Ion: 136 Resp: 728584

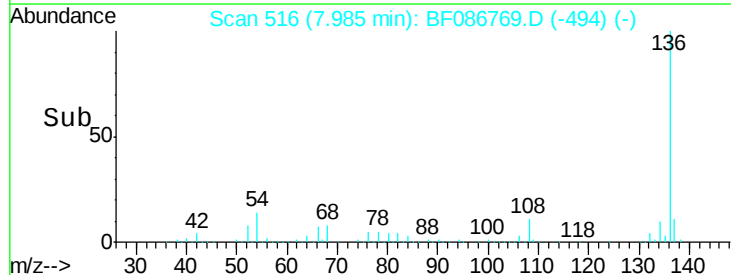
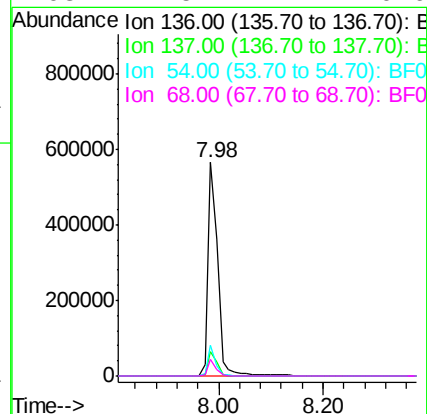
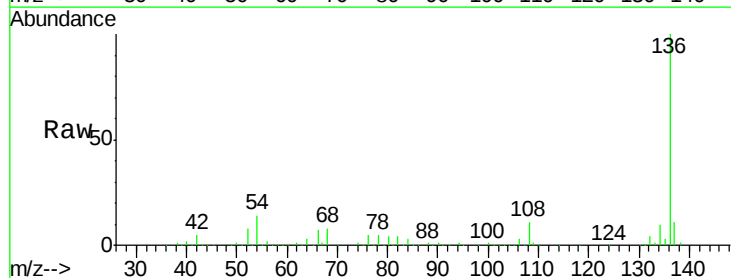
Ion Ratio Lower Upper

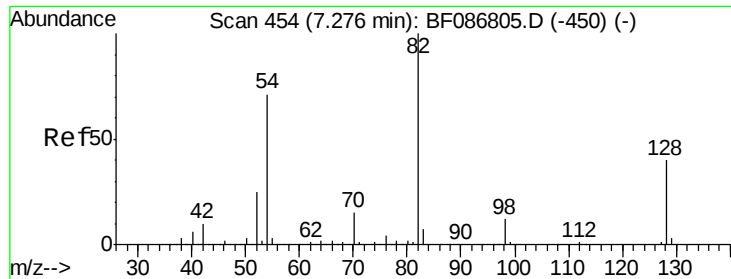
136 100

137 11.2 8.8 13.2

54 14.2 5.0 7.4#

68 7.5 4.4 6.6#

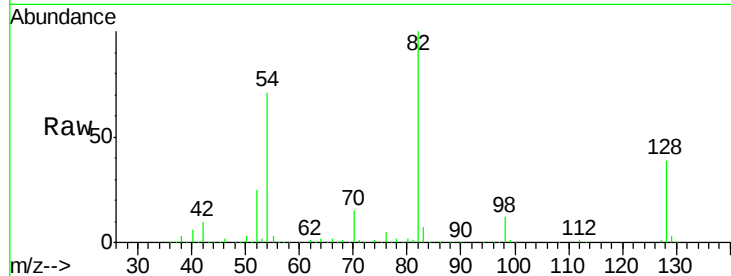




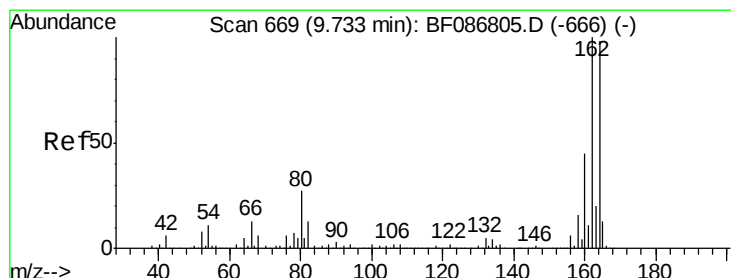
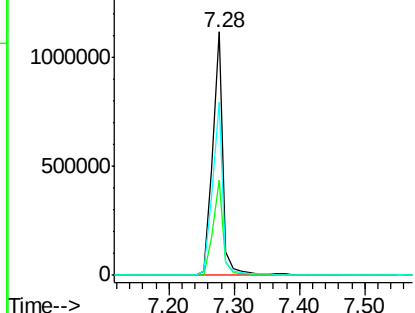
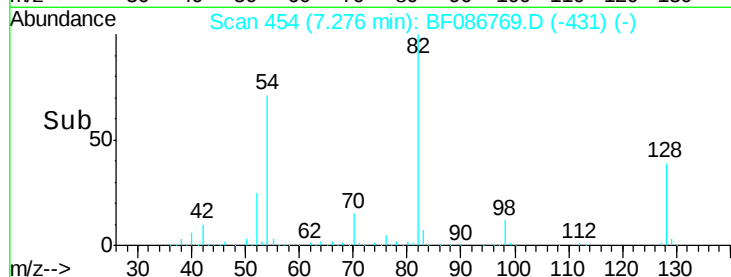
#23
 Nitrobenzene-d5
 Concen: 89.48 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: BF086769.D
 Acq: 7 May 2016 12:51

Instrument :
 BNA_F
 ClientSampled :
 MWHR(2-6)

Tgt Ion: 82 Resp: 1268720
 Ion Ratio Lower Upper
 82 100
 128 39.2 40.6 61.0#
 54 71.1 38.1 57.1#

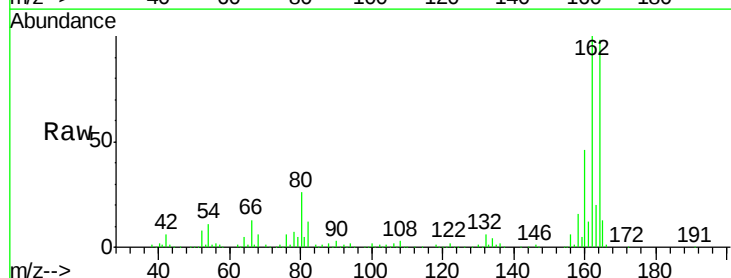


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

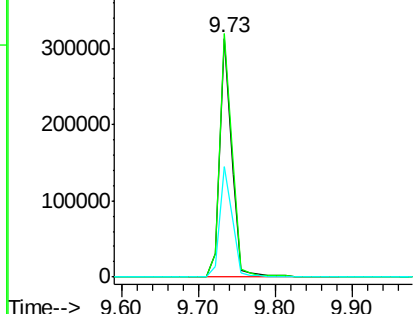
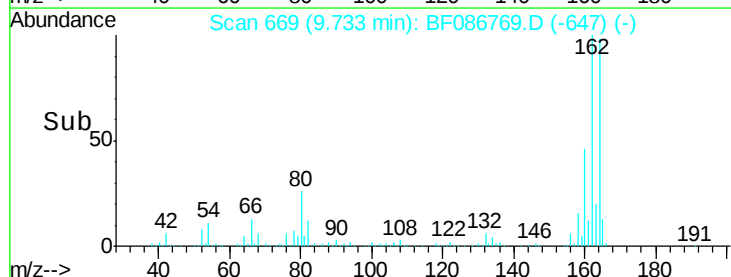


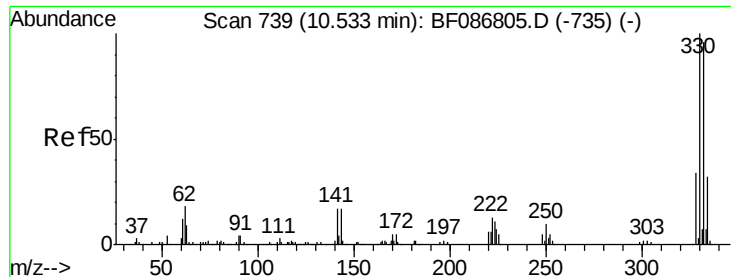
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.05 min
 Lab File: BF086769.D
 Acq: 7 May 2016 12:51

Tgt Ion: 164 Resp: 348512
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.8 124.2
 160 46.4 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

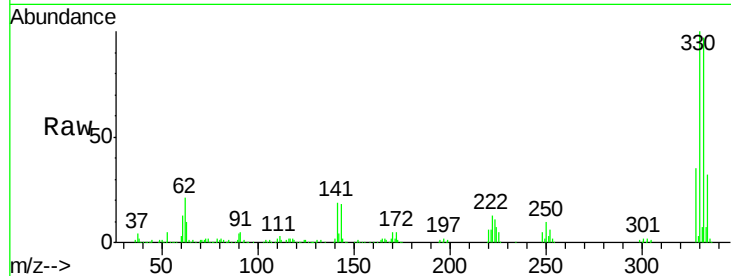




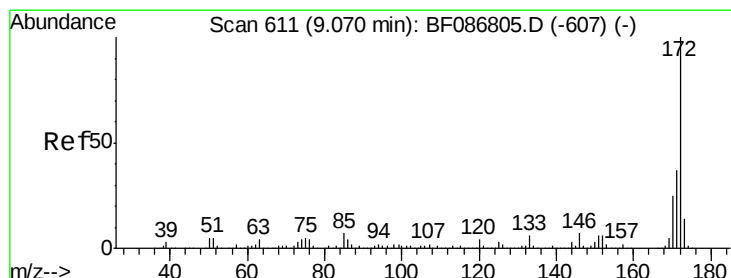
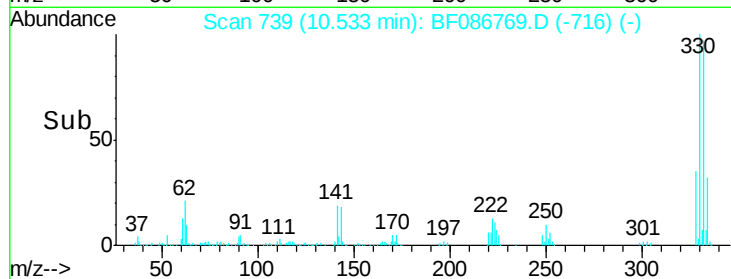
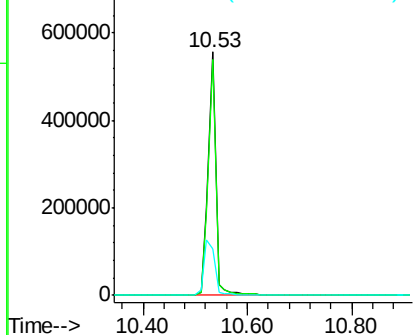
#41
 2,4,6-Tribromophenol
 Concen: 169.16 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086769.D
 Acq: 7 May 2016 12:51

Instrument :
 BNA_F
 ClientSampleId :
 MWHR(2-6)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	32.1	31.2	46.8

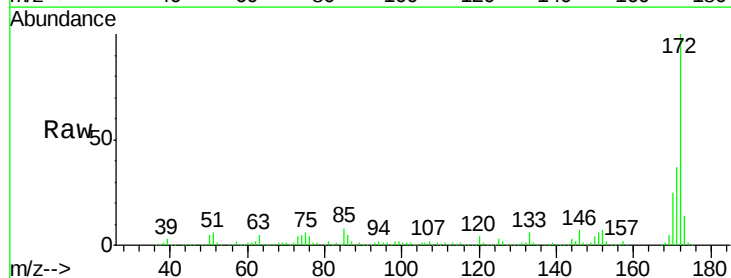


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

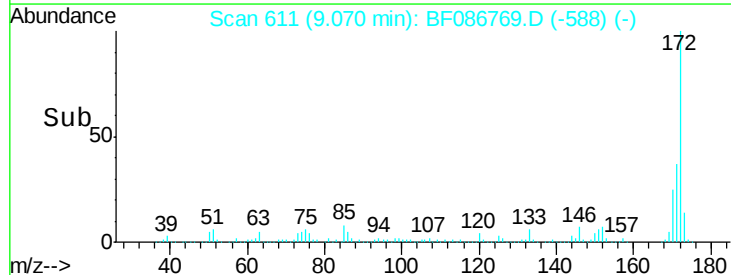
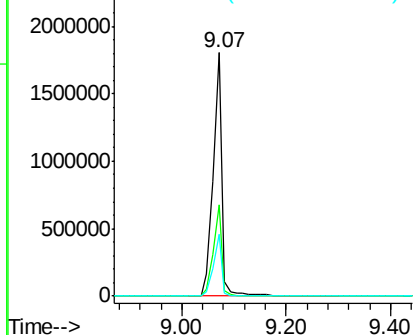


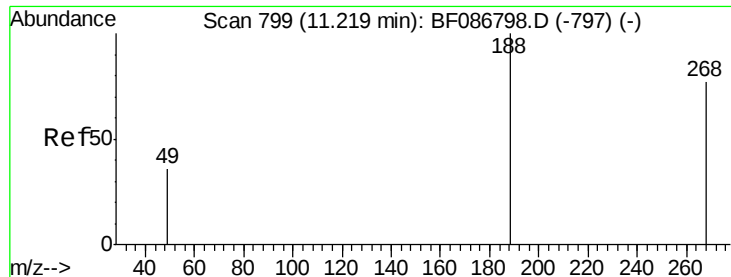
#44
 2-Fluorobiphenyl
 Concen: 99.83 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086769.D
 Acq: 7 May 2016 12:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.6
170	25.5	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

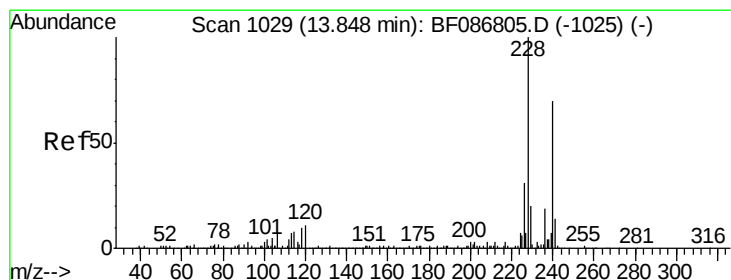
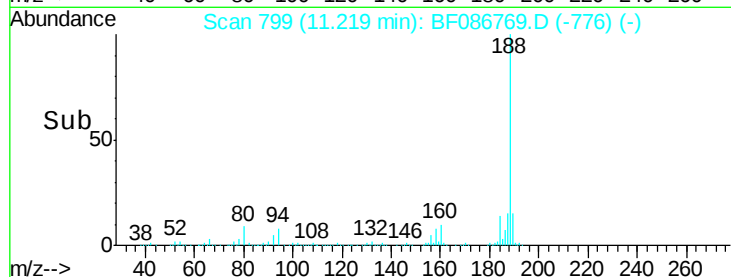
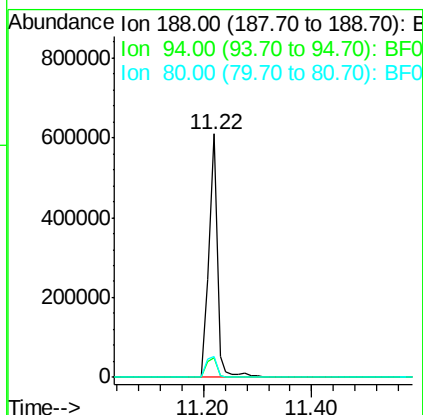
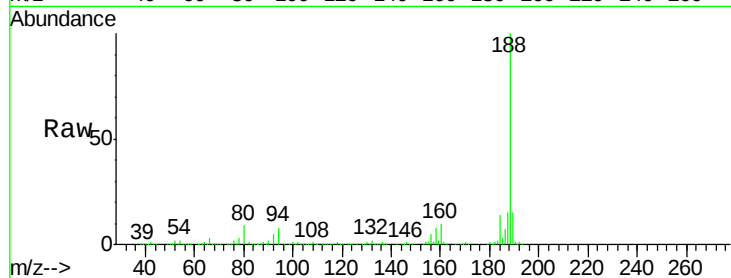




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086769.D
Acq: 7 May 2016 12:51

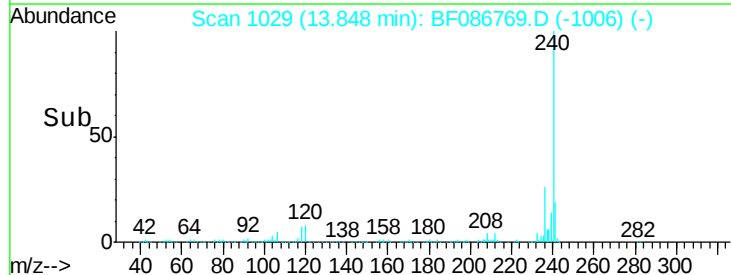
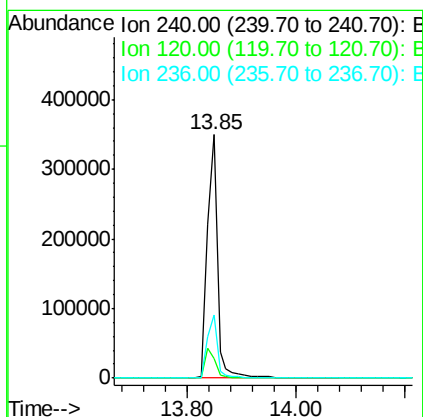
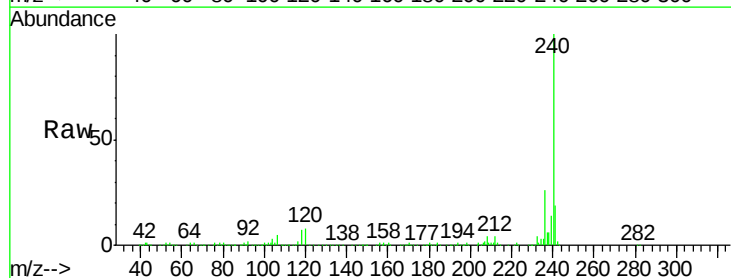
Instrument :
BNA_F
ClientSampleId :
MWHHR(2-6)

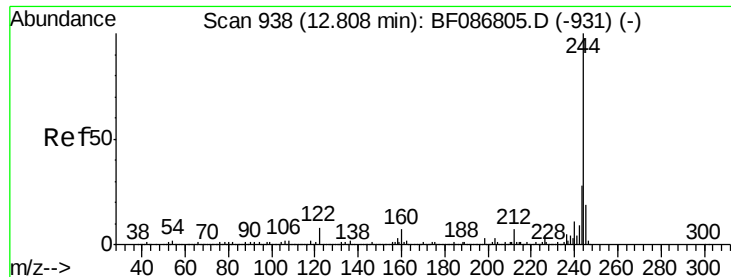
Tgt Ion:188 Resp: 665942
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.6 7.1 10.7



#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF086769.D
Acq: 7 May 2016 12:51

Tgt Ion:240 Resp: 452660
Ion Ratio Lower Upper
240 100
120 8.3 11.2 16.8#
236 25.8 21.2 31.8





#78

Terphenyl-d14

Concen: 71.67 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086769.D

Acq: 7 May 2016 12:51

Instrument :

BNA_F

ClientSampleId :

MWHR(2-6)

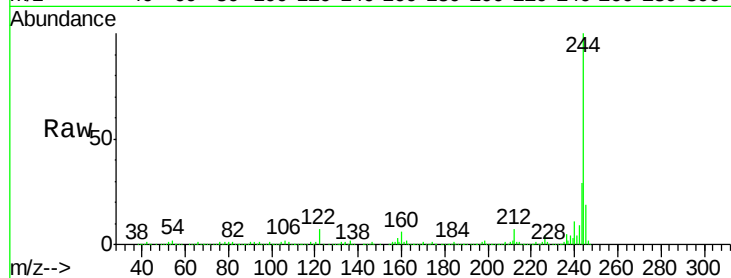
Tgt Ion:244 Resp: 1605243

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

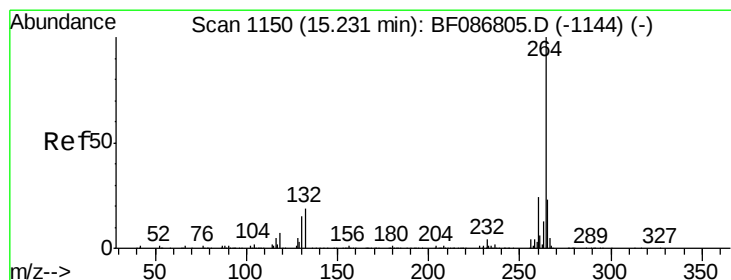
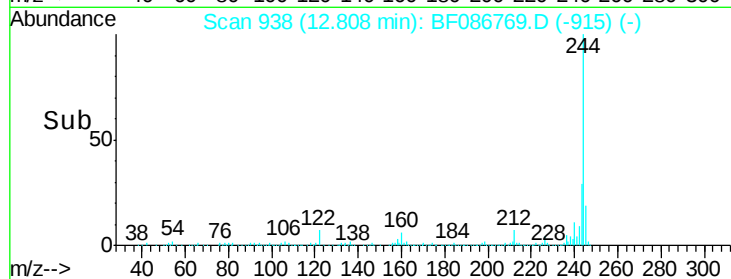
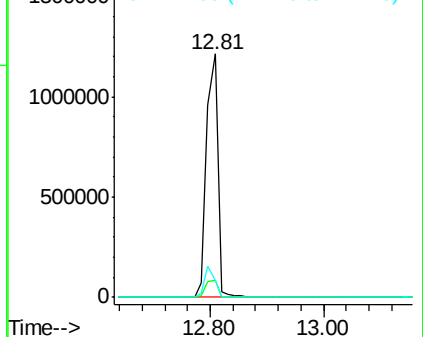
122 7.0 12.0 18.0#



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: 40.00 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.05 min

Lab File: BF086769.D

Acq: 7 May 2016 12:51

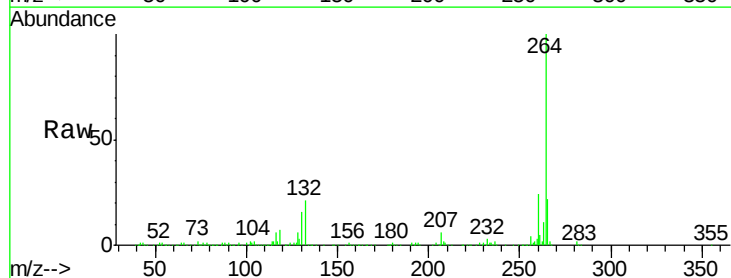
Tgt Ion:264 Resp: 336763

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.8 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

