

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086768.D
 Acq On : 7 May 2016 12:22
 Operator : UM/SJ
 Sample : H2858-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MWHR(2-10)

Quant Time: May 07 23:41:14 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	169582	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	664277	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	323189	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	602823	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	419884	40.00	ng	-0.03
86) Perylene-d12	15.22	264	322364	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	610075	59.56	ng	-0.02
7) Phenol-d6	6.35	99	517296	37.49	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1243808	96.22	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	525496	166.22	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2052055	104.08	ng	-0.03
78) Terphenyl-d14	12.81	244	1640217	78.95	ng	-0.03

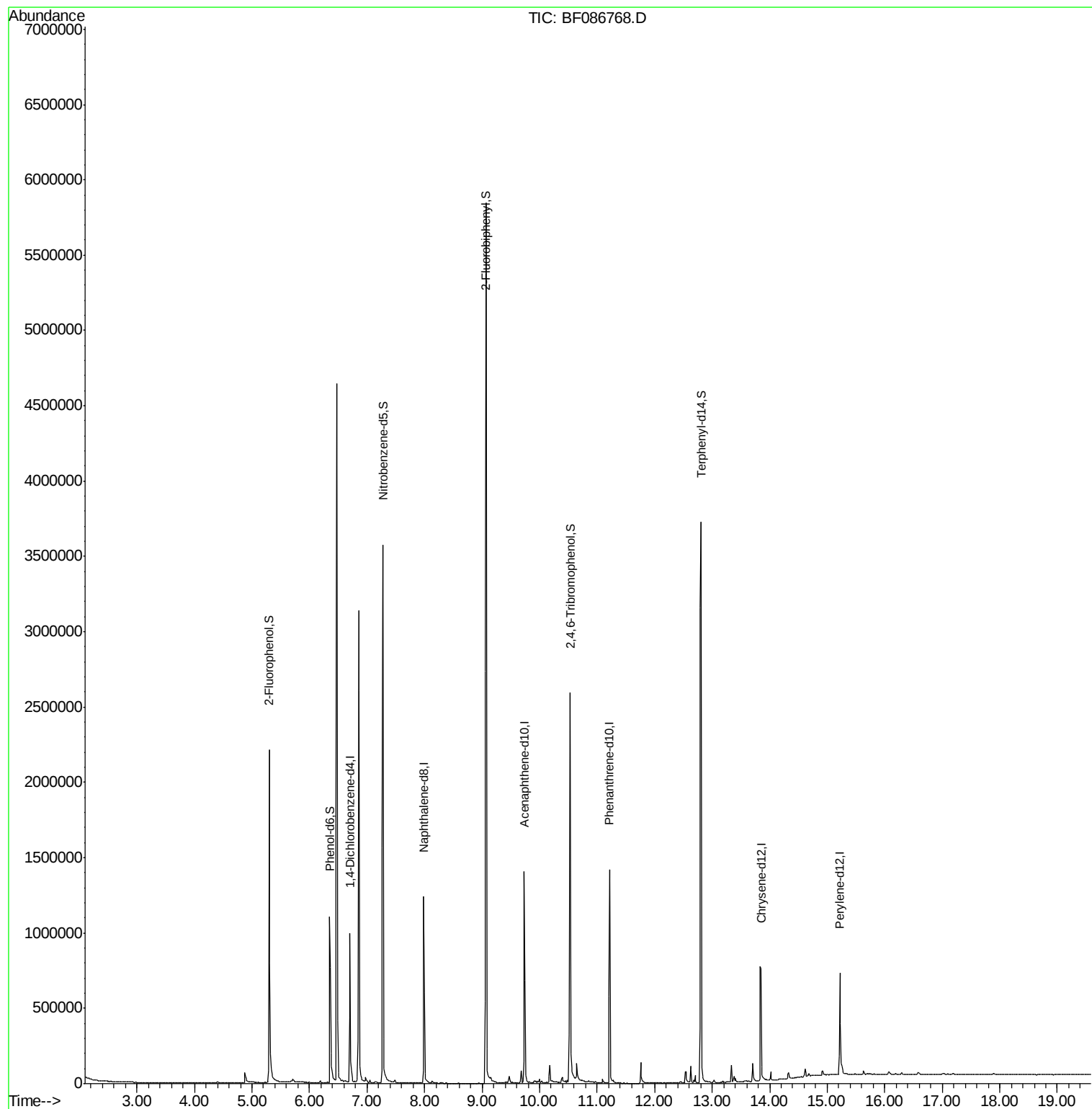
Target Compounds	Qvalue
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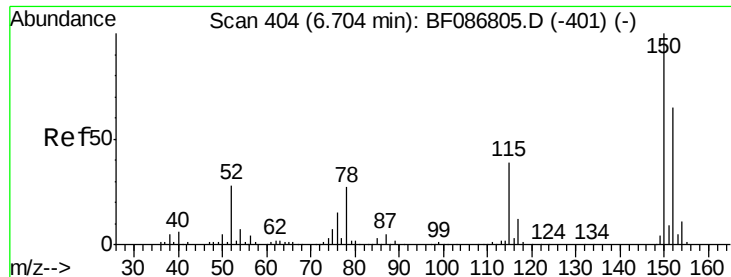
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086768.D

Acq: 7 May 2016 12:22

Instrument :

BNA_F

ClientSampleId :

MWHR(2-10)

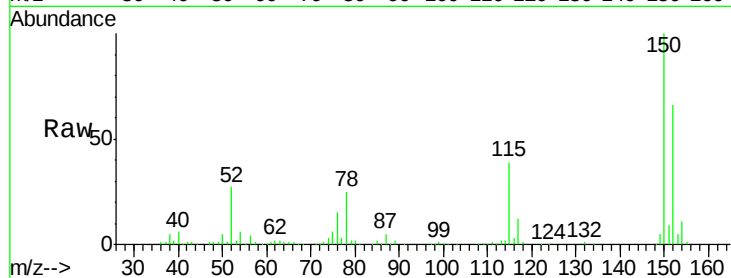
Tgt Ion:152 Resp: 169582

Ion Ratio Lower Upper

152 100

150 150.9 125.8 188.6

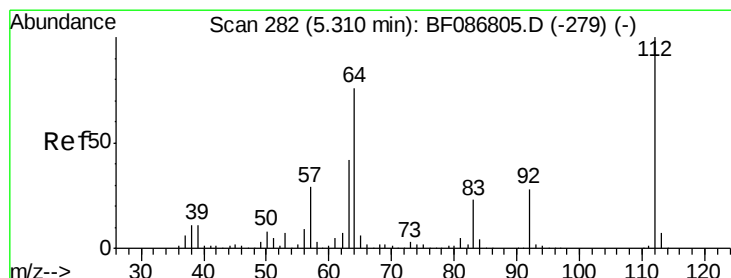
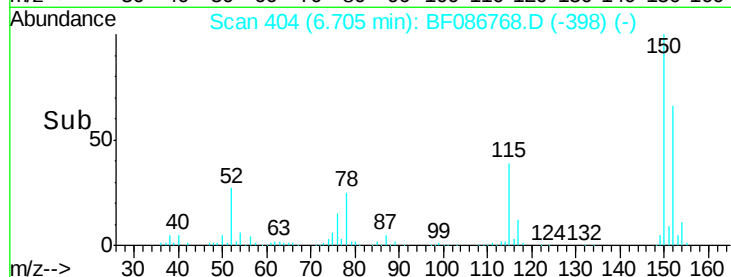
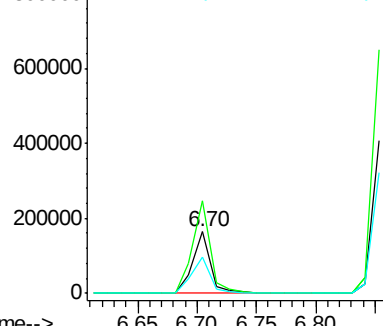
115 58.4 51.5 77.3



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: 59.56 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF086768.D

Acq: 7 May 2016 12:22

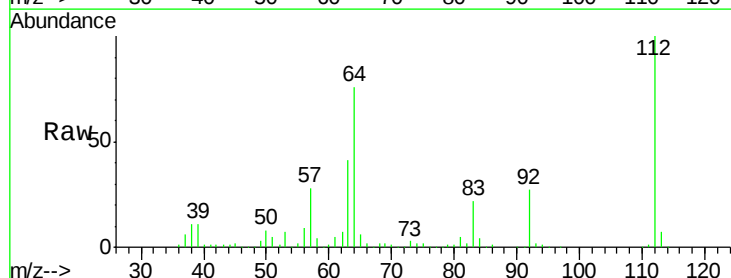
Tgt Ion:112 Resp: 610075

Ion Ratio Lower Upper

112 100

64 75.7 52.1 78.1

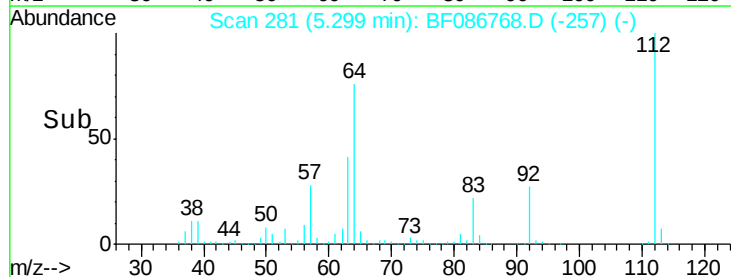
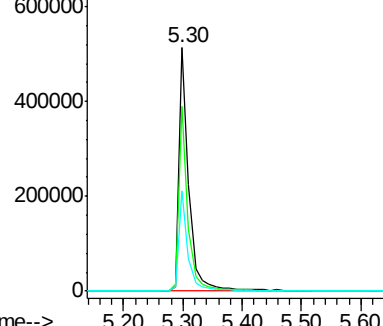
63 41.4 25.7 38.5

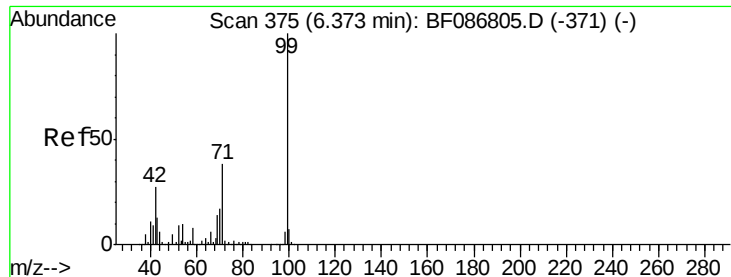


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.49 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF086768.D

Acq: 7 May 2016 12:22

Instrument :

BNA_F

ClientSampleId :

MWHR(2-10)

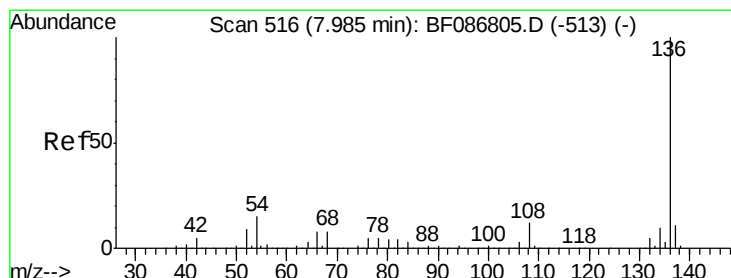
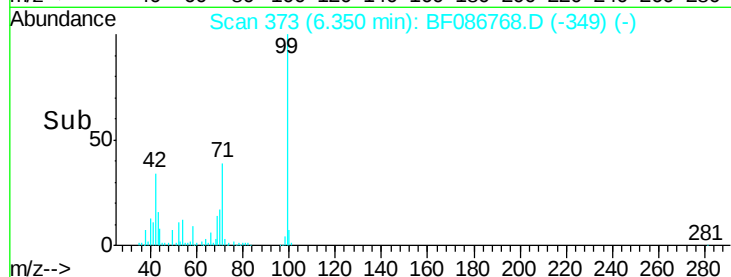
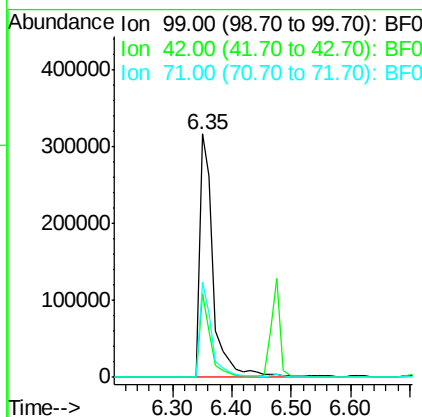
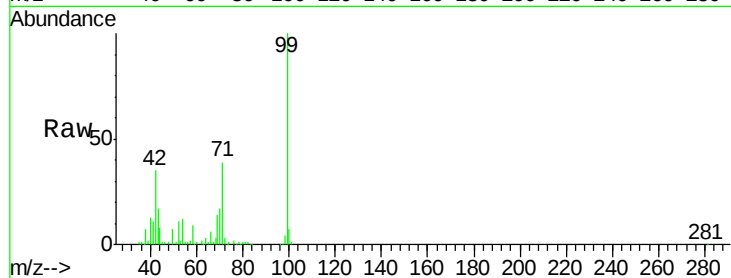
Tgt Ion: 99 Resp: 517296

Ion Ratio Lower Upper

99 100

42 34.6 13.6 20.4#

71 39.2 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: BF086768.D

Acq: 7 May 2016 12:22

Tgt Ion: 136 Resp: 664277

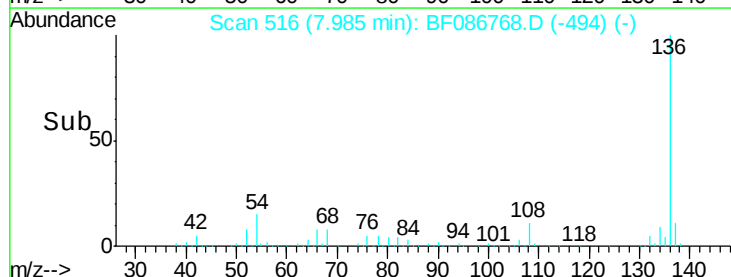
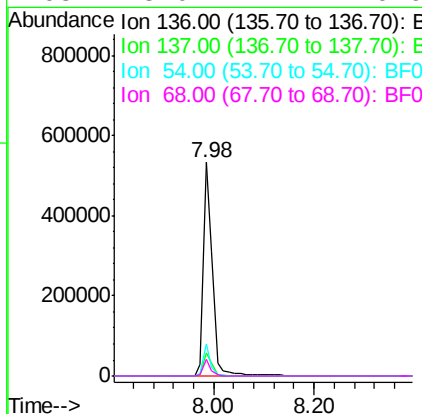
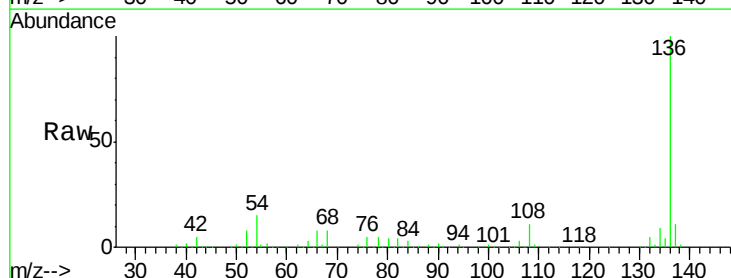
Ion Ratio Lower Upper

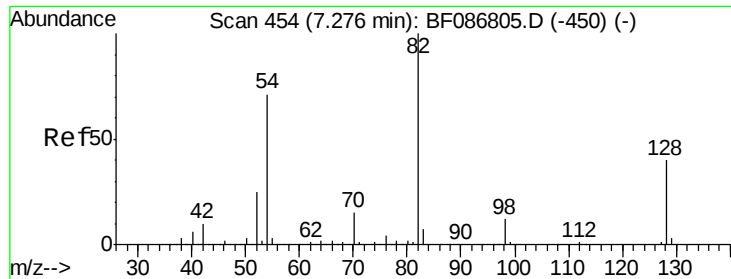
136 100

137 11.1 8.8 13.2

54 15.0 5.0 7.4#

68 8.0 4.4 6.6#

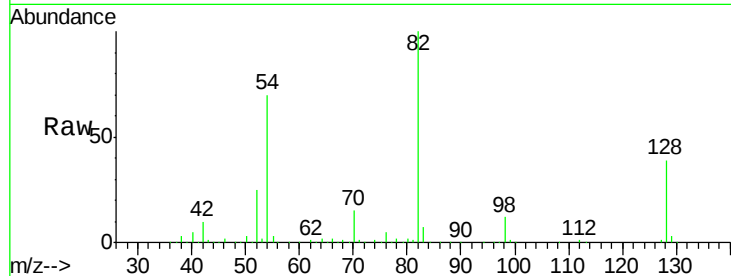




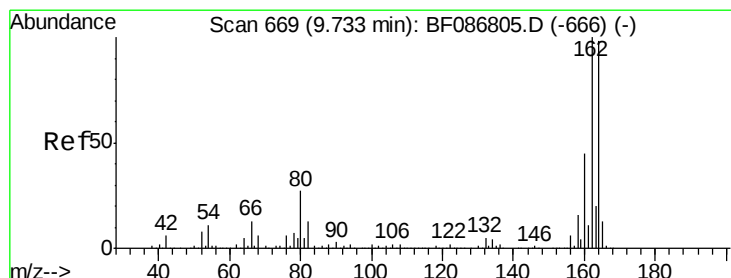
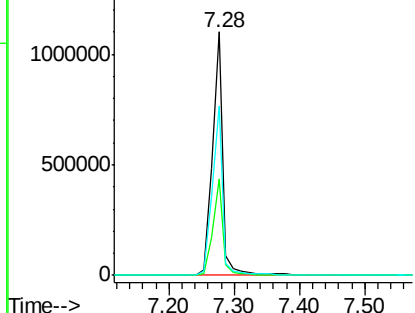
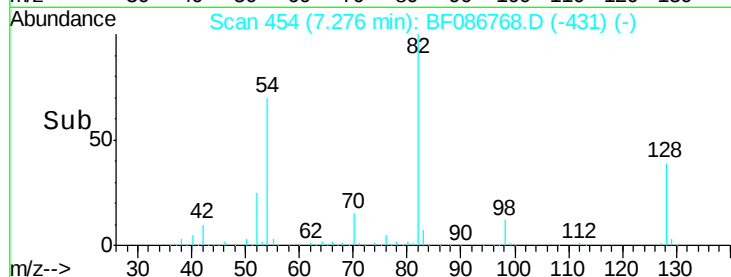
#23
 Nitrobenzene-d5
 Concen: 96.22 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: BF086768.D
 Acq: 7 May 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR(2-10)

Tgt Ion: 82 Resp: 1243808
 Ion Ratio Lower Upper
 82 100
 128 39.4 40.6 61.0#
 54 69.8 38.1 57.1#

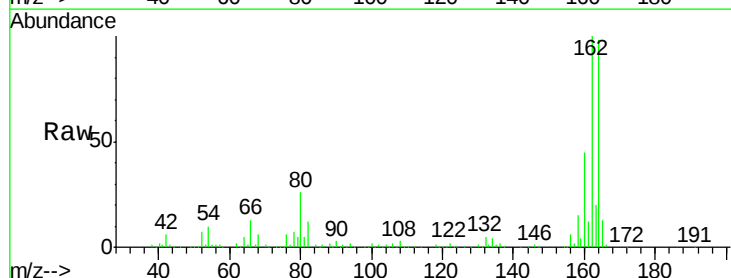


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

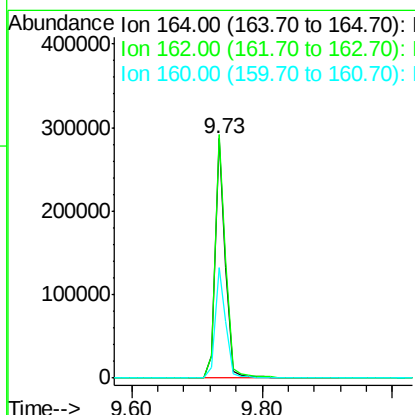
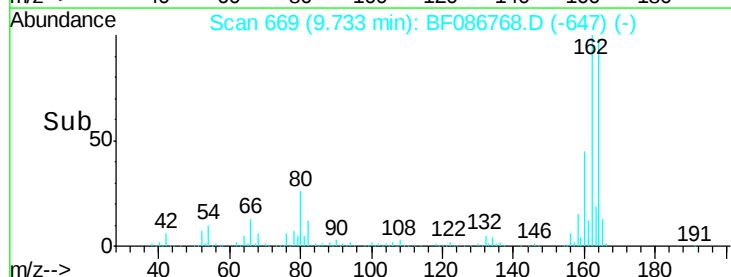


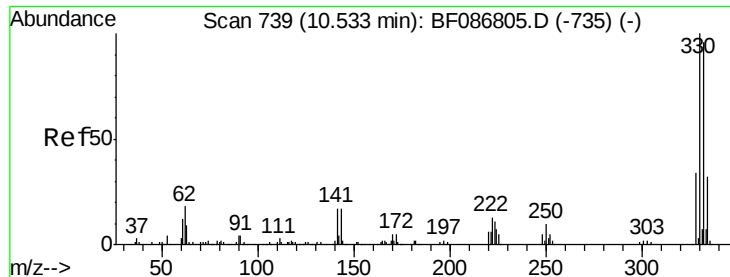
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.05 min
 Lab File: BF086768.D
 Acq: 7 May 2016 12:22

Tgt Ion: 164 Resp: 323189
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.8 124.2
 160 46.1 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

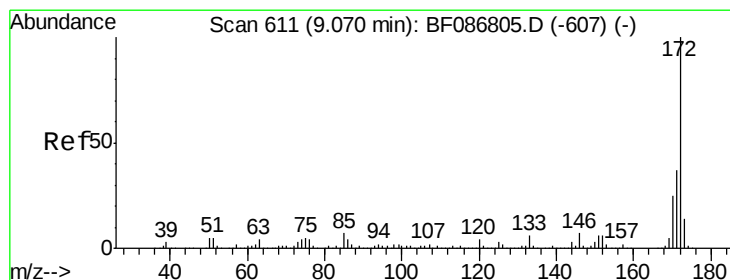
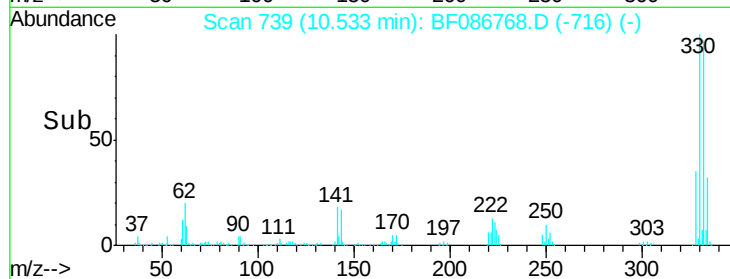
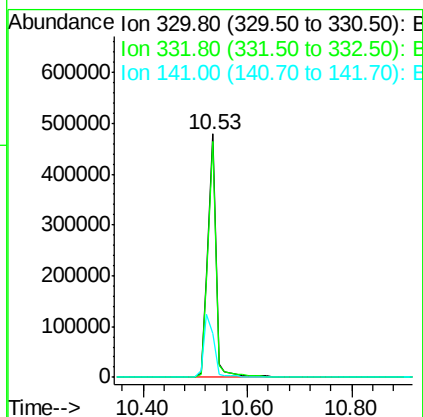
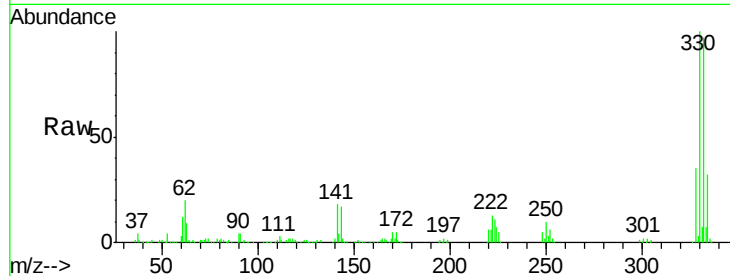




#41
 2,4,6-Tribromophenol
 Concen: 166.22 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086768.D
 Acq: 7 May 2016 12:22

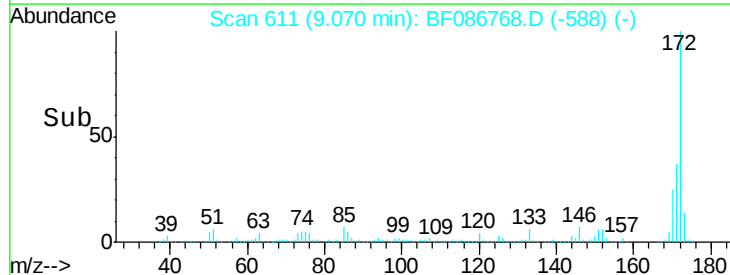
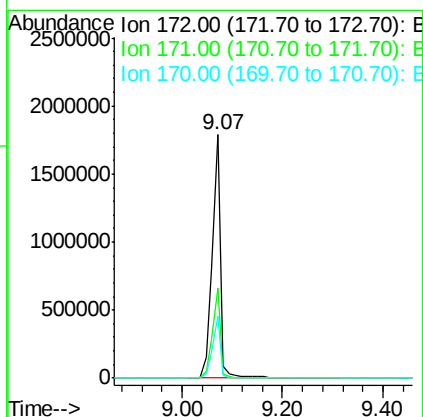
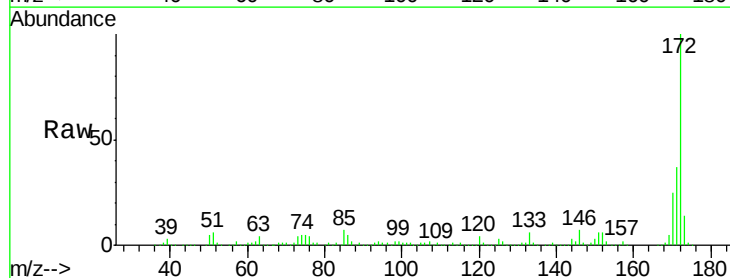
Instrument :
 BNA_F
 ClientSampleId :
 MWHR(2-10)

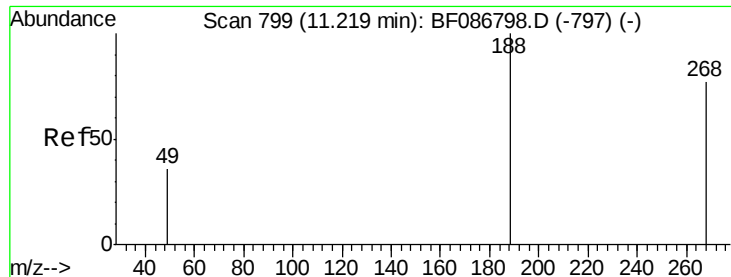
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	32.3	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 104.08 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086768.D
 Acq: 7 May 2016 12:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	25.3	19.8	29.8

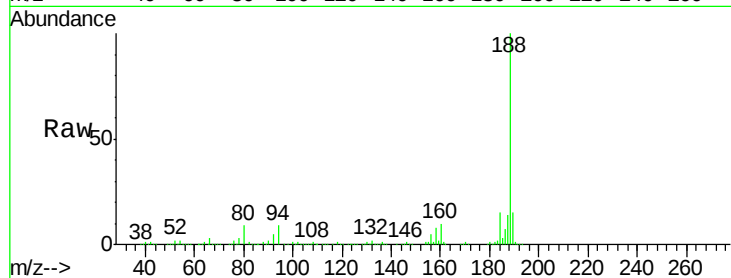




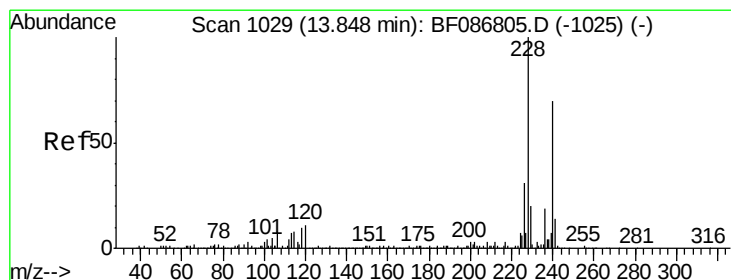
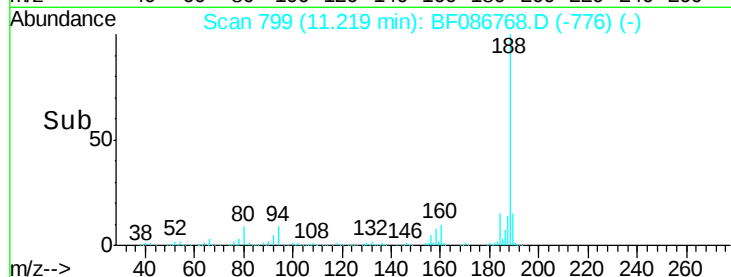
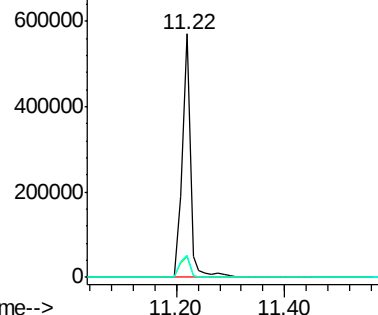
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086768.D
Acq: 7 May 2016 12:22

Instrument :
BNA_F
ClientSampleId :
MWHHR(2-10)

Tgt Ion:188 Resp: 602823
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.1 7.1 10.7

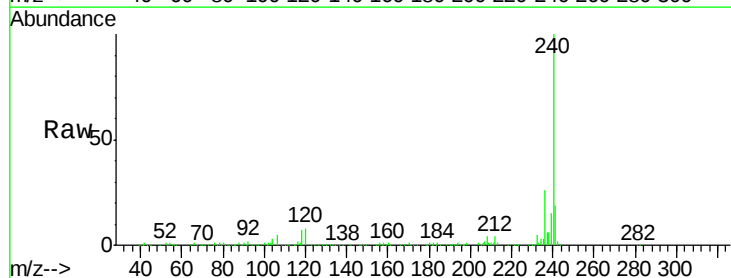


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

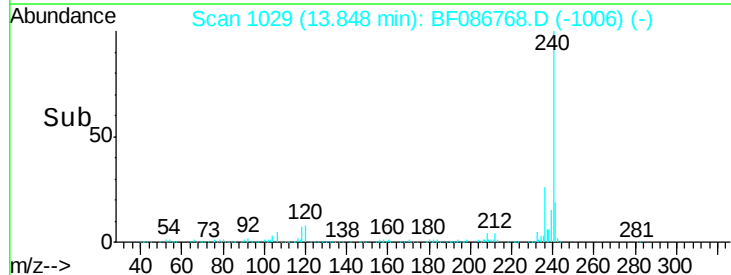
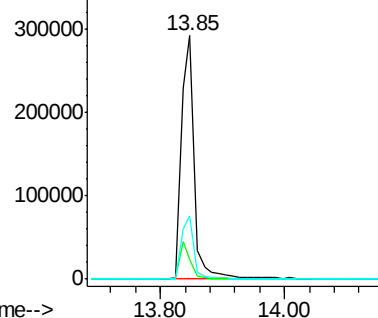


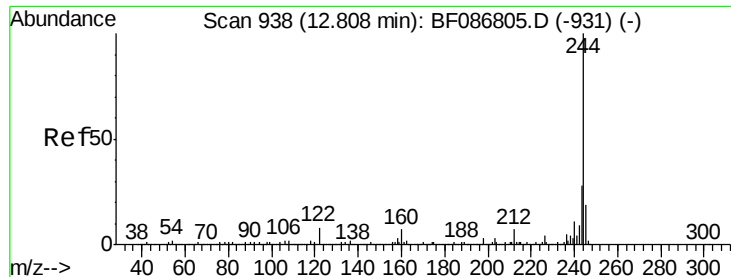
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF086768.D
Acq: 7 May 2016 12:22

Tgt Ion:240 Resp: 419884
Ion Ratio Lower Upper
240 100
120 8.2 11.2 16.8#
236 26.2 21.2 31.8



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: 78.95 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086768.D

Acq: 7 May 2016 12:22

Instrument :

BNA_F

ClientSampleId :

MWHR(2-10)

Tgt Ion:244 Resp: 1640217

Ion Ratio Lower Upper

244 100

212 7.2

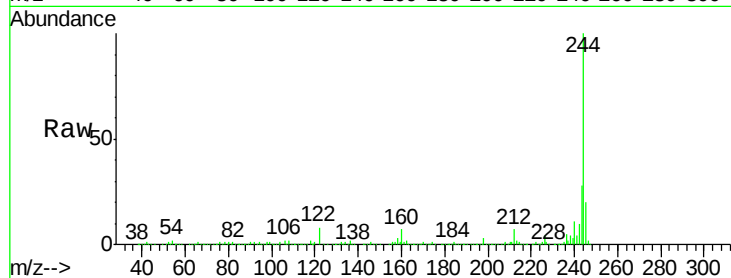
6.2

9.2

122 7.7

12.0

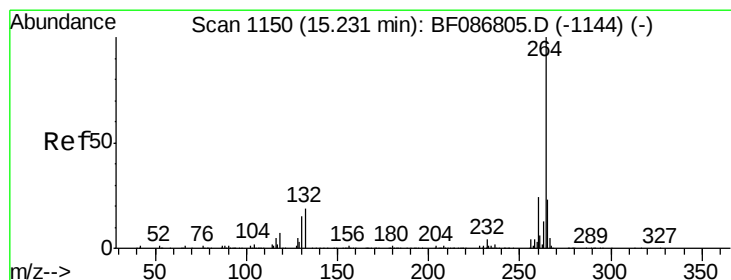
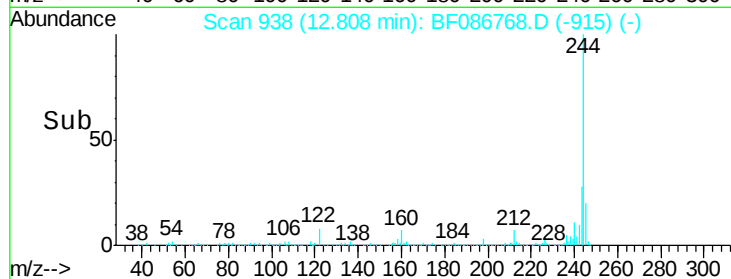
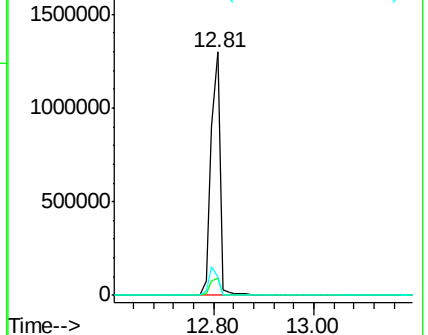
18.0#



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: BF086768.D

Acq: 7 May 2016 12:22

Tgt Ion:264 Resp: 322364

Ion Ratio Lower Upper

264 100

260 24.0

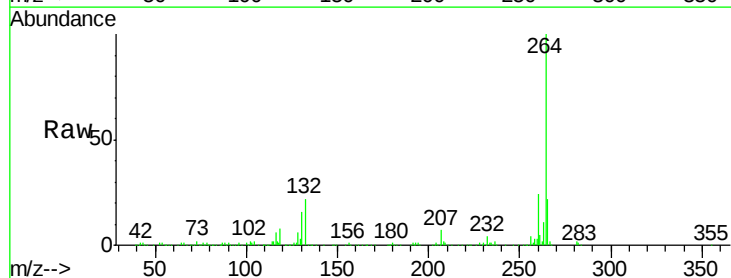
19.5

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

