

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086767.D
 Acq On : 7 May 2016 11:53
 Operator : UM/SJ
 Sample : H2831-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: May 07 23:38:12 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

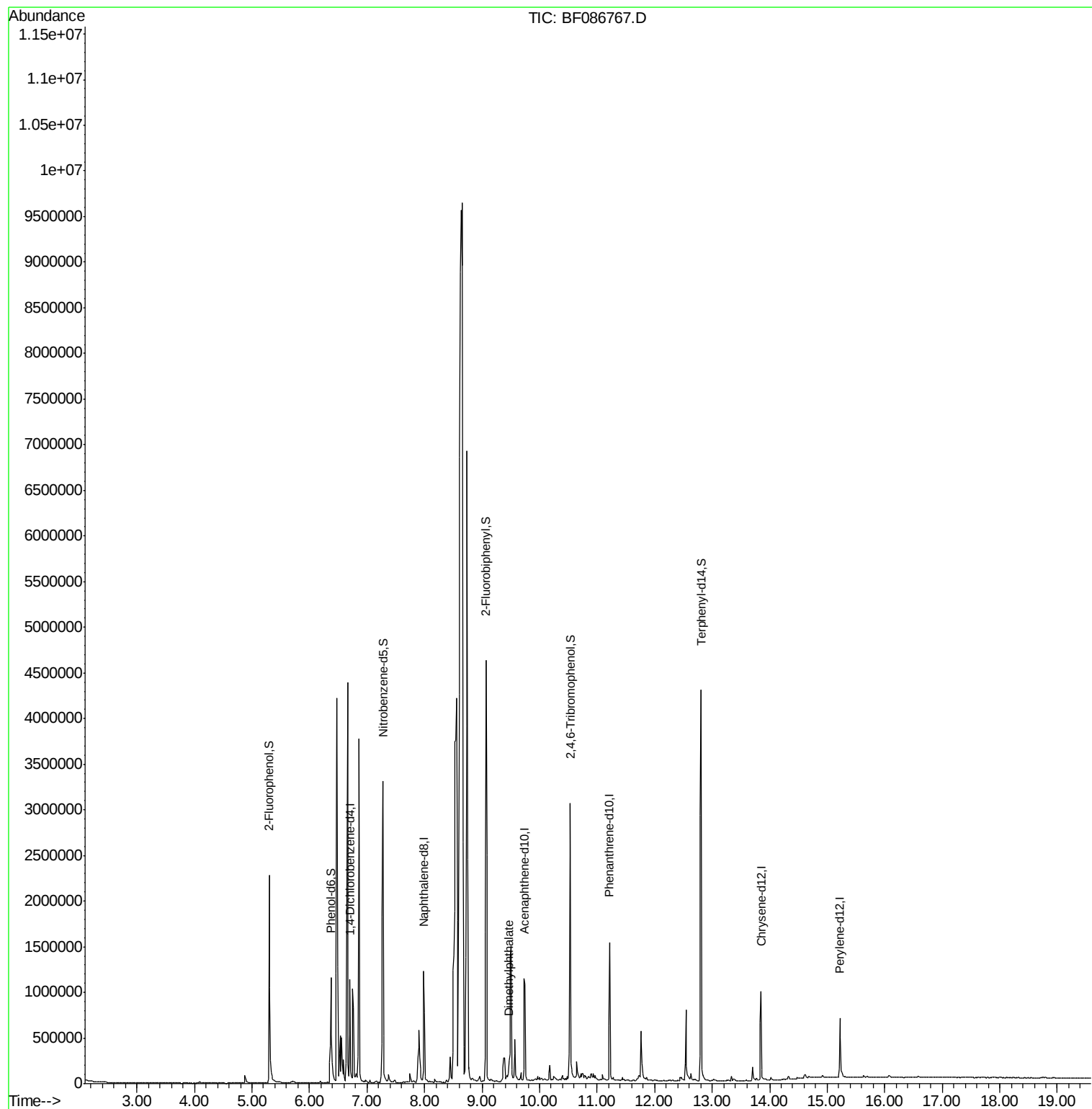
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	176618	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	688608	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	322487	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	585627	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	442920	40.00	ng	-0.03
86) Perylene-d12	15.22	264	324416	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	688009	64.49	ng	-0.02
7) Phenol-d6	6.37	99	602167	41.90	ng	0.00
23) Nitrobenzene-d5	7.28	82	1184514	88.39	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	518368	164.32	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2004060	101.87	ng	-0.03
78) Terphenyl-d14	12.81	244	1673593	76.36	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.47	163	48892	2.03	ng	Qvalue 98

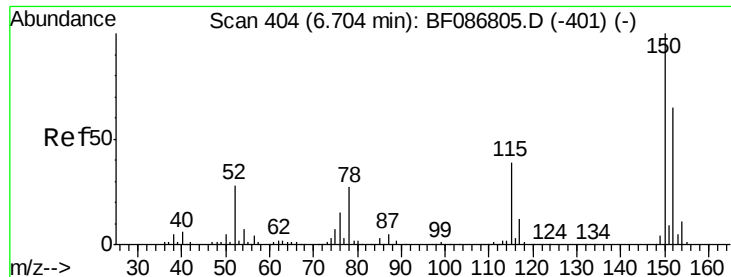
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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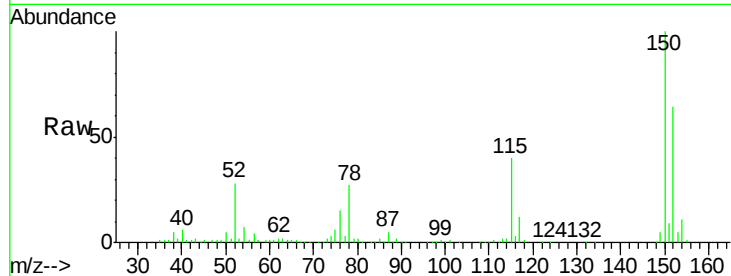


#1

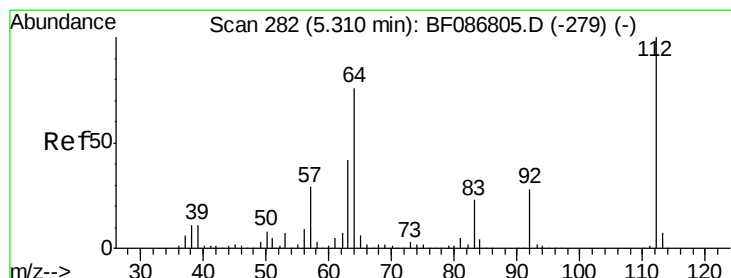
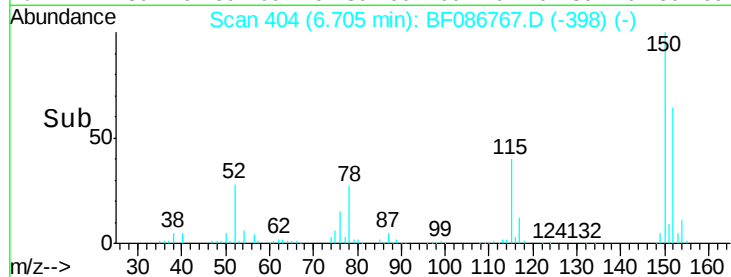
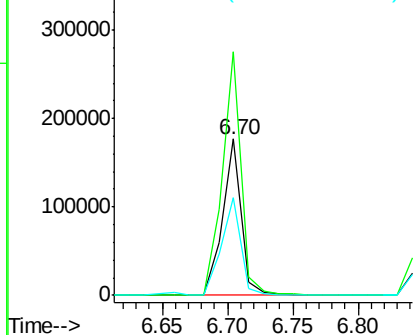
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF086767.D
Acq: 7 May 2016 11:53

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 176618
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 62.2 51.5 77.3



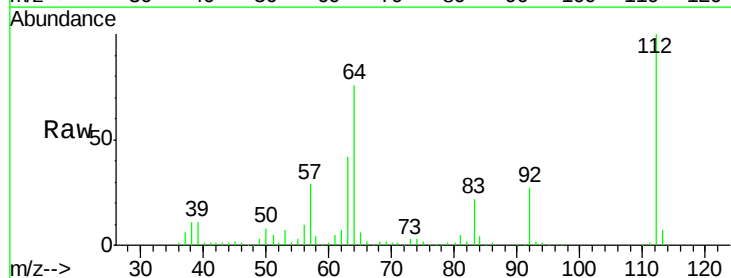
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



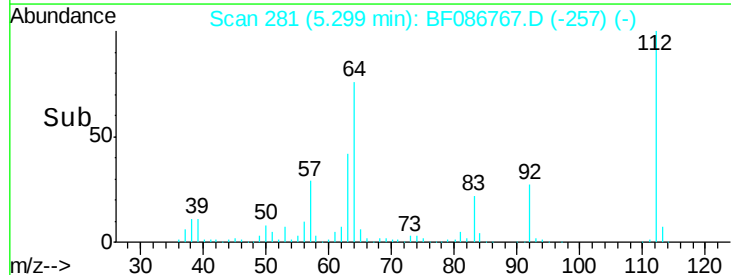
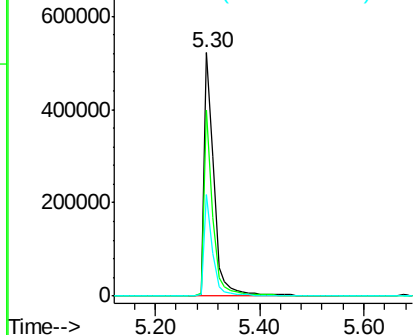
#5

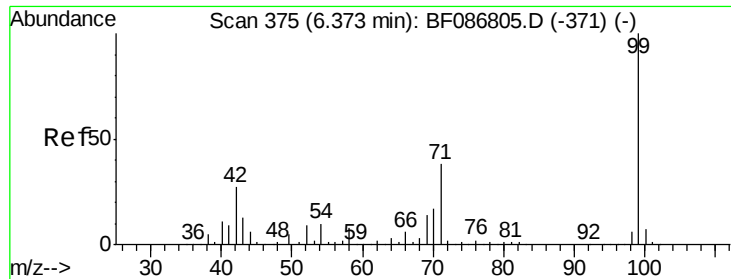
2-Fluorophenol
Concen: 64.49 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.02 min
Lab File: BF086767.D
Acq: 7 May 2016 11:53

Tgt Ion:112 Resp: 688009
Ion Ratio Lower Upper
112 100
64 76.2 52.1 78.1
63 41.9 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: 41.90 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086767.D

Acq: 7 May 2016 11:53

Instrument :

BNA_F

ClientSampleId :

MW-1

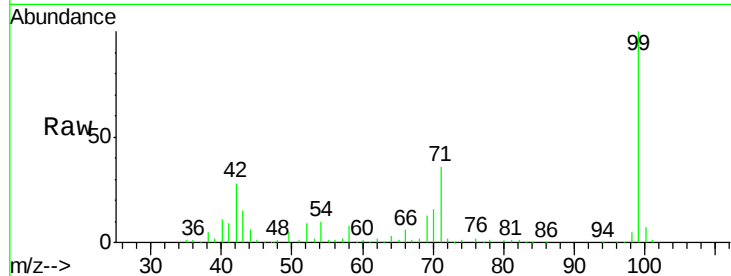
Tgt Ion: 99 Resp: 602167

Ion Ratio Lower Upper

99 100

42 28.0 13.6 20.4#

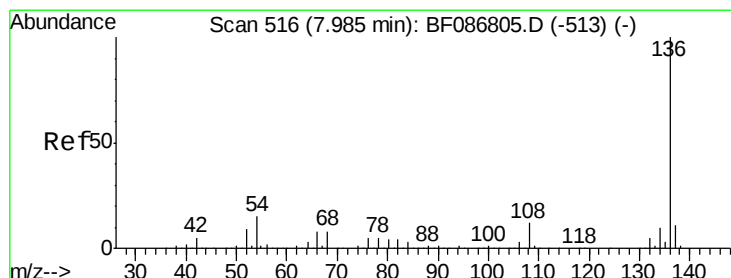
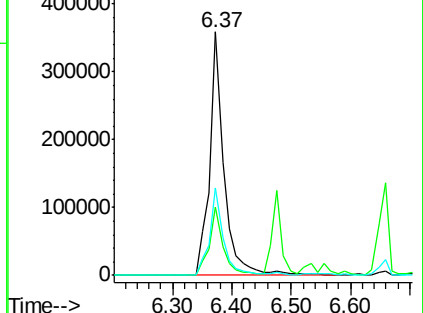
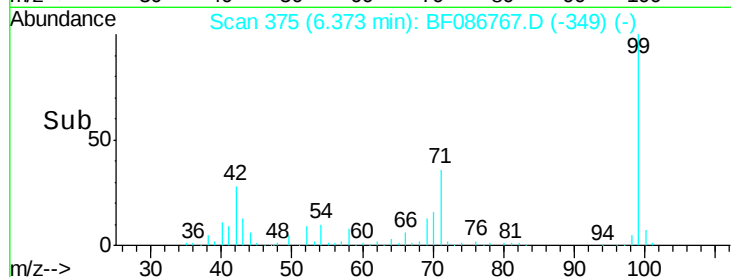
71 35.9 24.6 36.8



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: 40.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF086767.D

Acq: 7 May 2016 11:53

Tgt Ion: 136 Resp: 688608

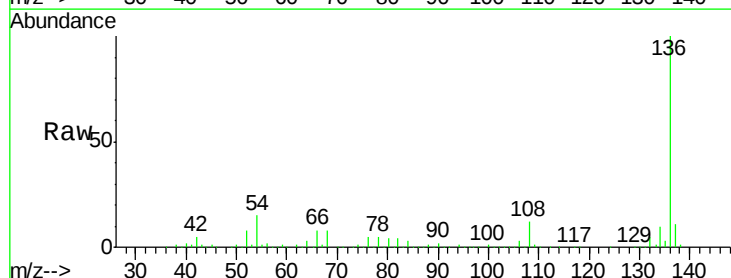
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.9 5.0 7.4#

68 7.9 4.4 6.6#

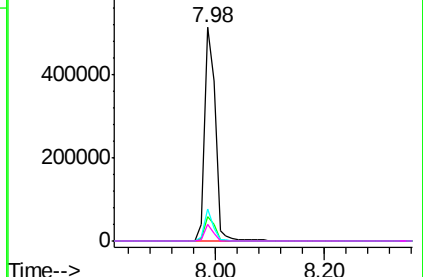
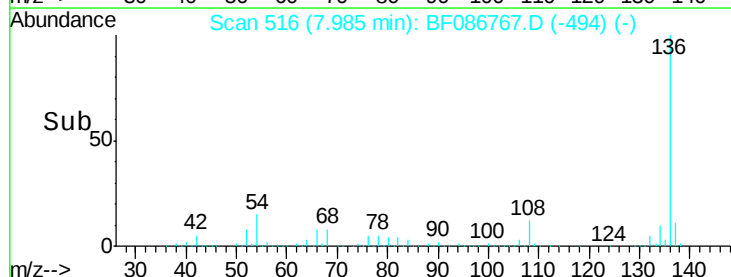


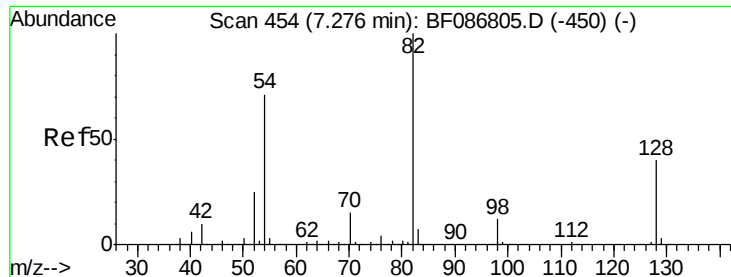
Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.39 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086767.D

Acq: 7 May 2016 11:53

Instrument :

BNA_F

ClientSampleId :

MW-1

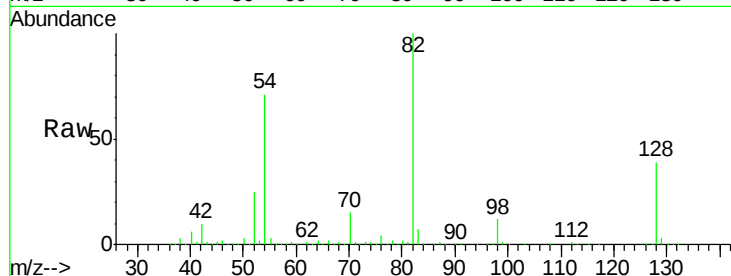
Tgt Ion: 82 Resp: 1184514

Ion Ratio Lower Upper

82 100

128 39.0 40.6 61.0#

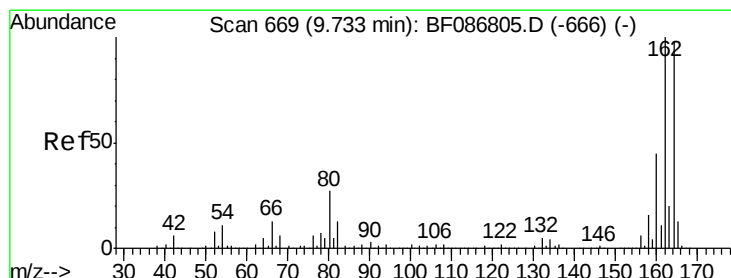
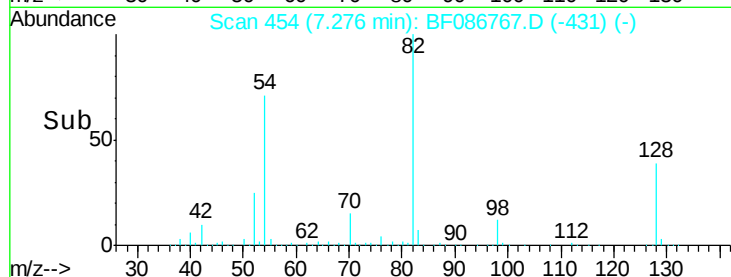
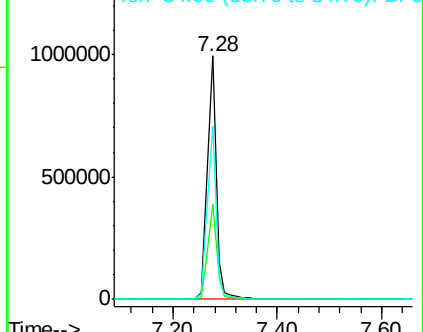
54 71.2 38.1 57.1#



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: BF086767.D

Acq: 7 May 2016 11:53

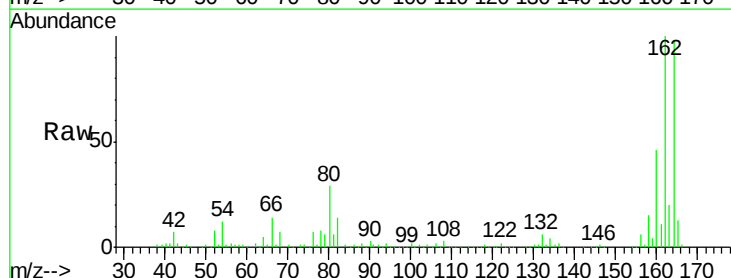
Tgt Ion: 164 Resp: 322487

Ion Ratio Lower Upper

164 100

162 102.2 82.8 124.2

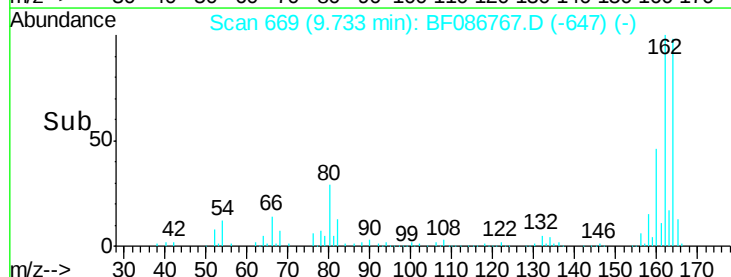
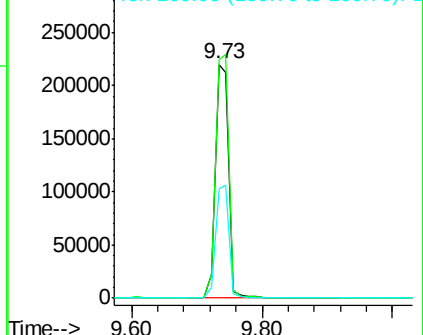
160 46.6 36.9 55.3

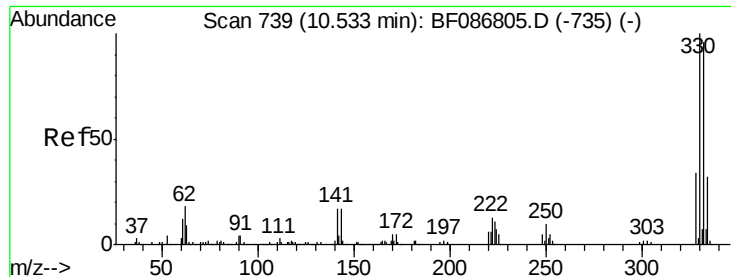


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

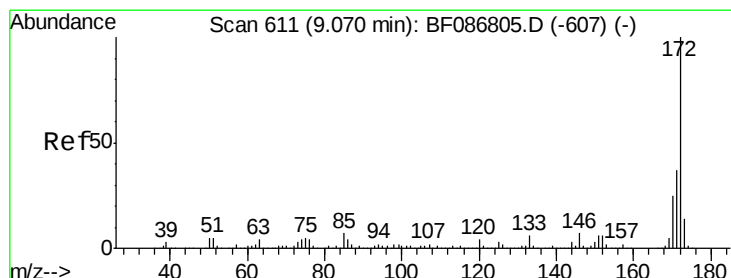
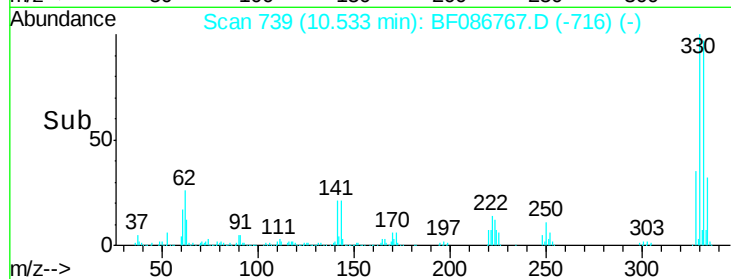
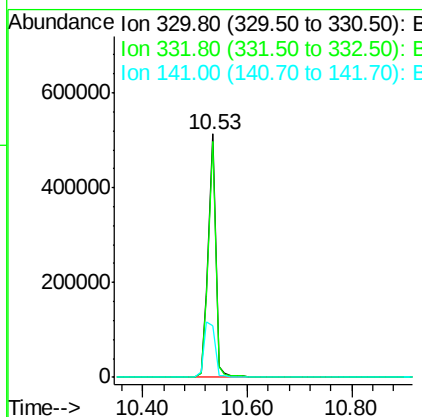
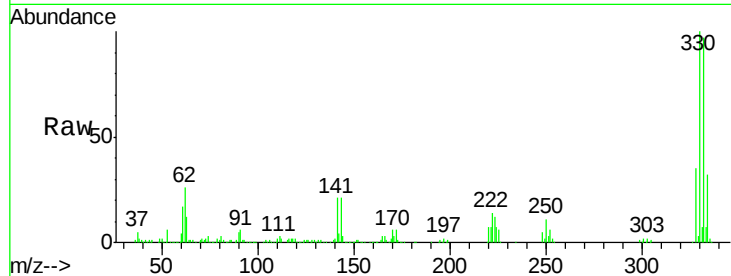




#41
 2,4,6-Tribromophenol
 Concen: 164.32 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086767.D
 Acq: 7 May 2016 11:53

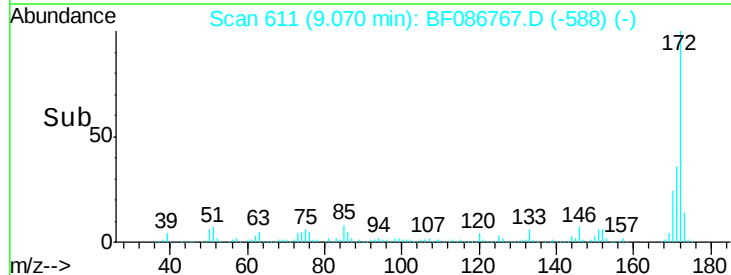
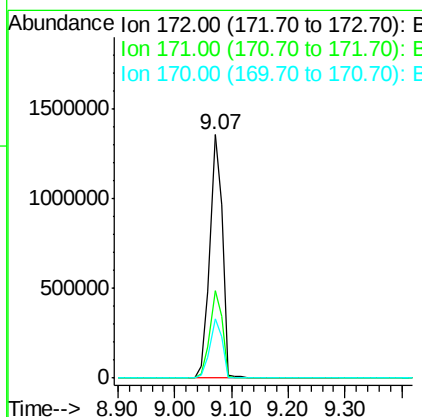
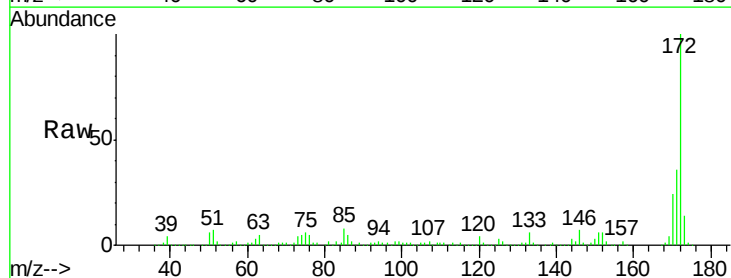
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

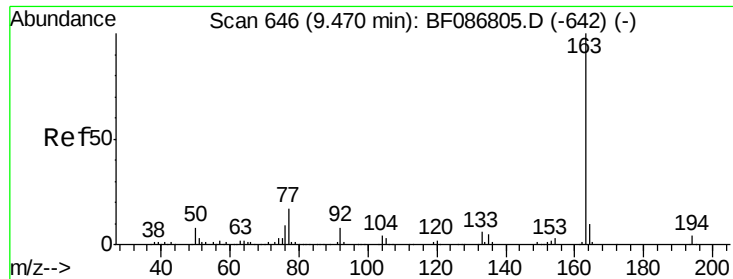
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	33.9	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 101.87 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086767.D
 Acq: 7 May 2016 11:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.5	19.8	29.8





#49

Dimethylphthalate

Concen: 2.03 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF086767.D

Acq: 7 May 2016 11:53

Instrument :

BNA_F

ClientSampleId :

MW-1

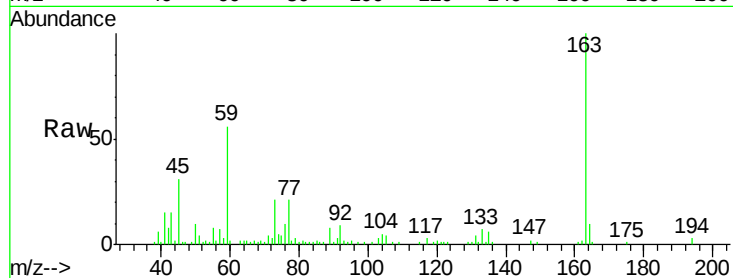
Tgt Ion:163 Resp: 48892

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

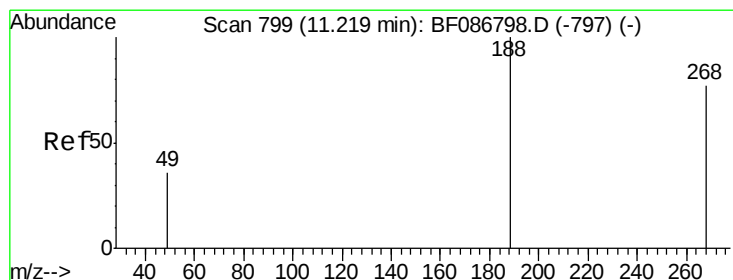
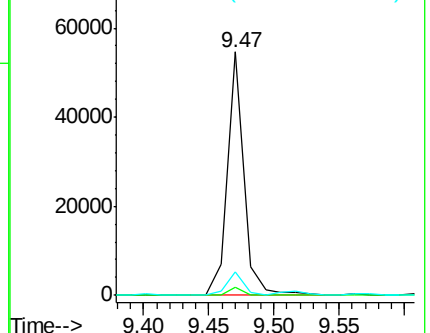
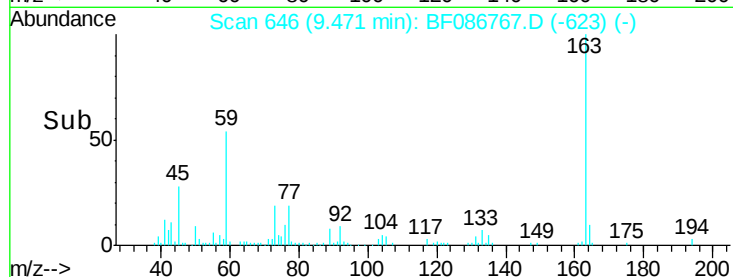
164 9.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.03 min

Lab File: BF086767.D

Acq: 7 May 2016 11:53

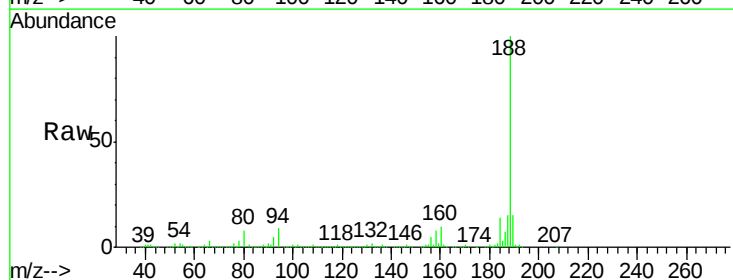
Tgt Ion:188 Resp: 585627

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

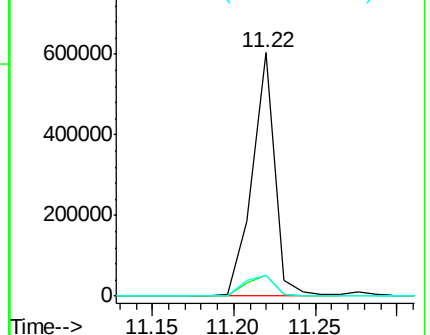
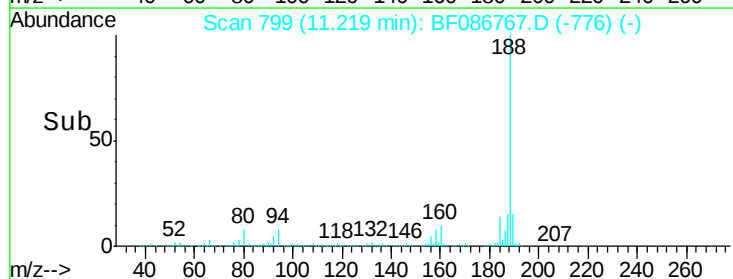
80 8.4 7.1 10.7

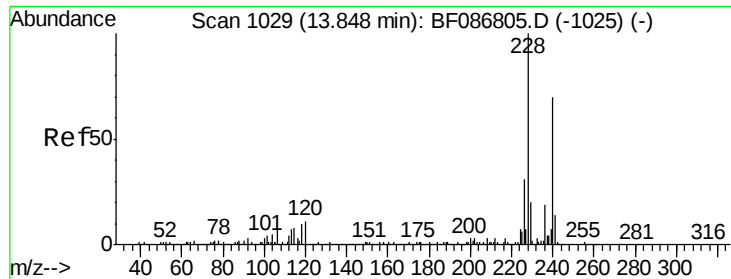


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF086767.D

Acq: 7 May 2016 11:53

Instrument :

BNA_F

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MW-1

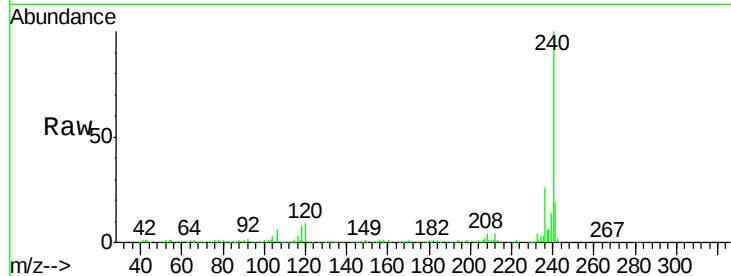
Tgt Ion:240 Resp: 442920

Ion Ratio Lower Upper

240 100

120 8.8 11.2 16.8#

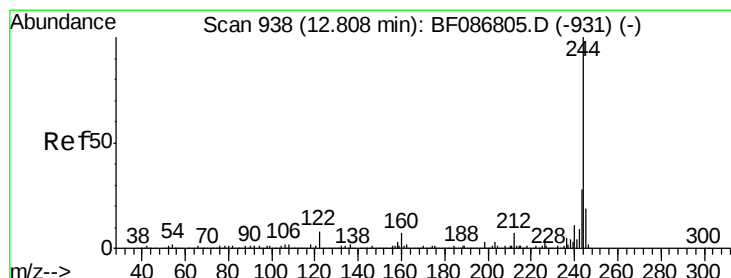
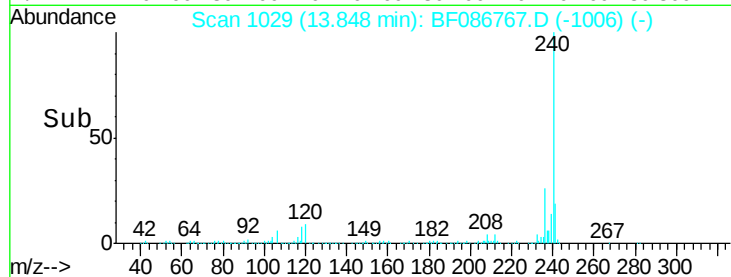
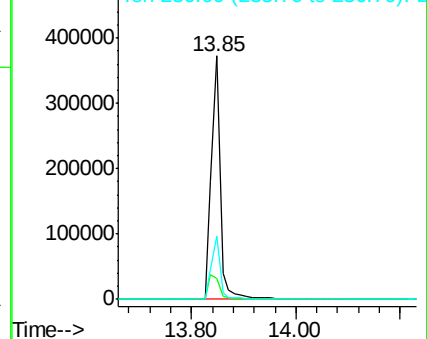
236 26.1 21.2 31.8



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: 76.36 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086767.D

Acq: 7 May 2016 11:53

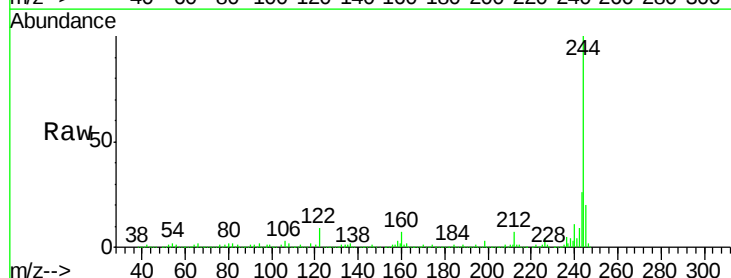
Tgt Ion:244 Resp: 1673593

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

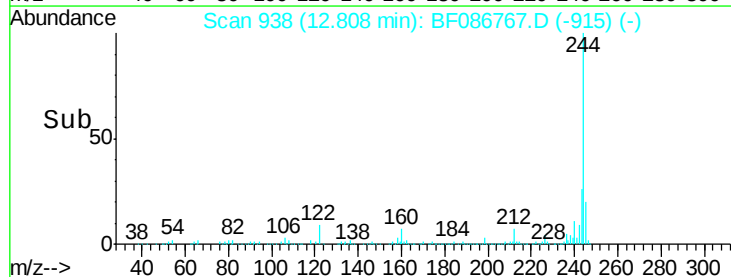
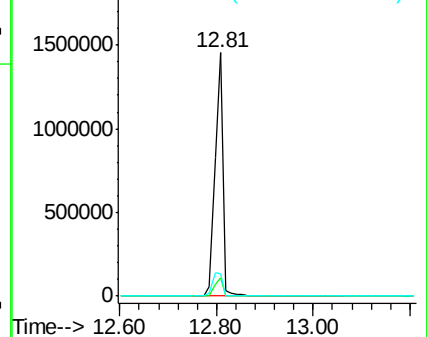
122 8.9 12.0 18.0#

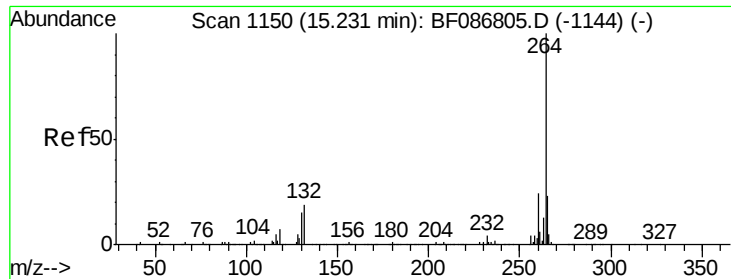


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

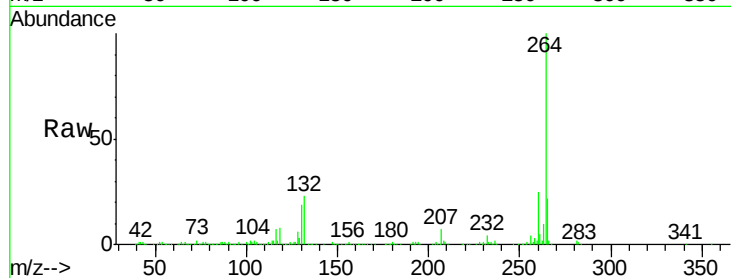




#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF086767.D
Acq: 7 May 2016 11:53

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 264 Resp: 324416
Ion Ratio Lower Upper
264 100
260 25.1 19.5 29.3
265 22.2 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

