

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087069.D
 Acq On : 15 May 2016 14:59
 Operator : UM/SJ
 Sample : H2992-02
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-16(0.5-6.0)

Quant Time: May 16 07:09:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

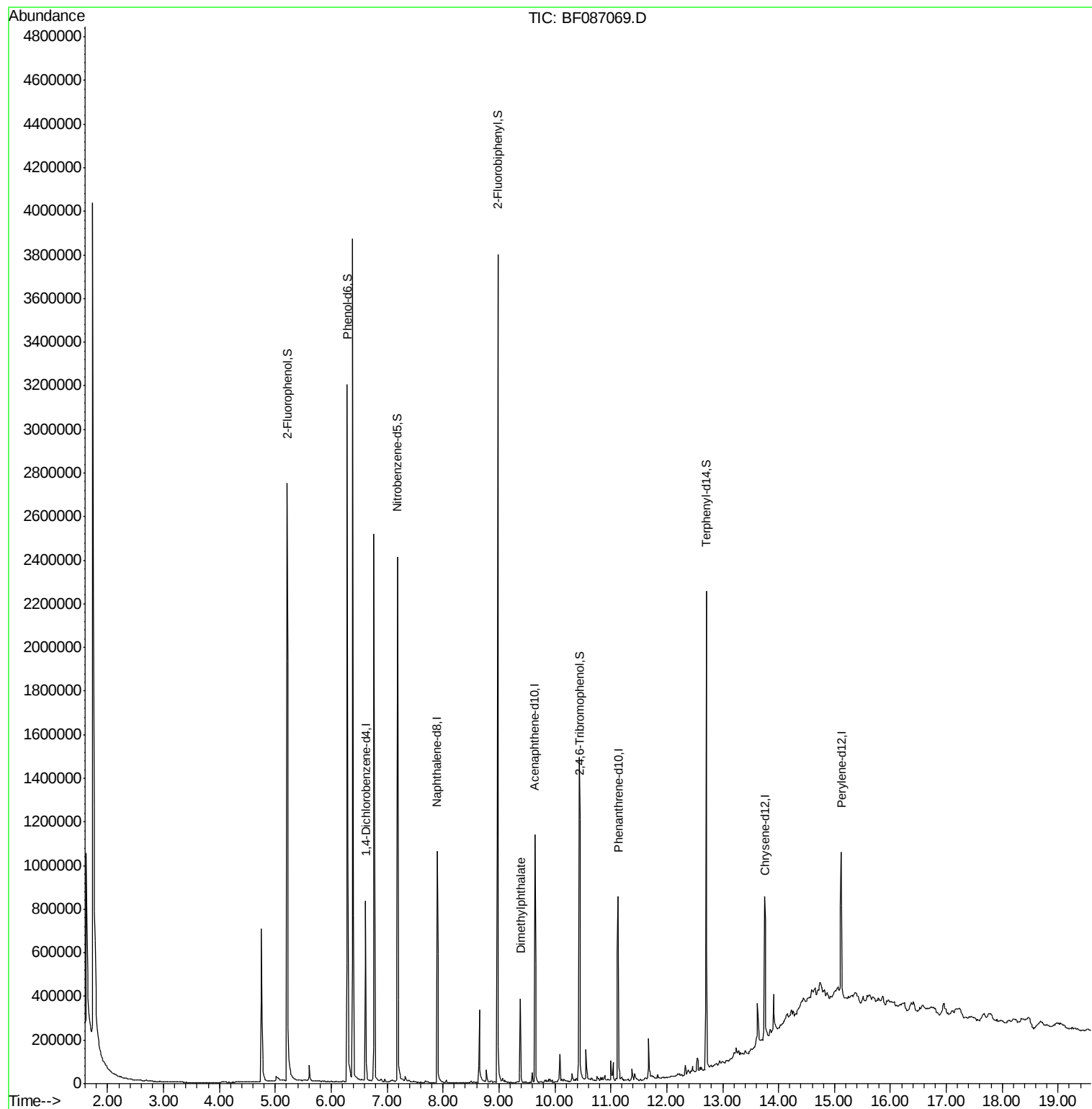
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	147097	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	558021	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	245537	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	402703	20.00	ng	0.00
75) Chrysene-d12	13.76	240	294042	20.00	ng	0.00
86) Perylene-d12	15.12	264	303179	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	897554	103.34	ng	0.01
7) Phenol-d6	6.28	99	1069587	92.14	ng	0.00
23) Nitrobenzene-d5	7.19	82	758699	68.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	236408	90.95	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1115160	76.33	ng	0.00
78) Terphenyl-d14	12.71	244	635162	45.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.38	163	136498	7.29	ng	Qvalue 99

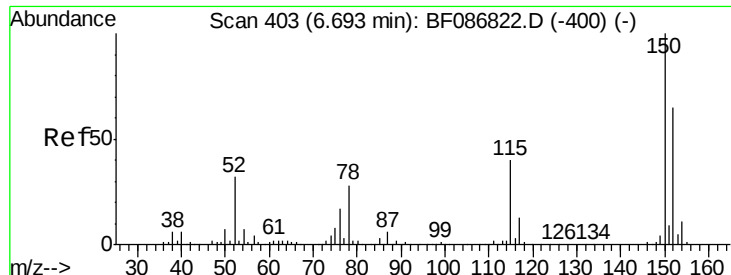
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 16 05:03:47 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087069.D

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Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-16(0.5-6.0)

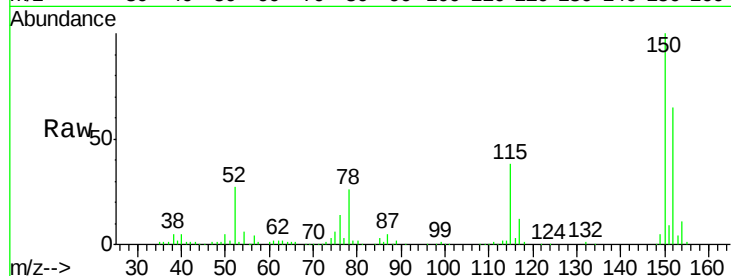
Tgt Ion:152 Resp: 147097

Ion Ratio Lower Upper

152 100

150 152.7 125.8 188.6

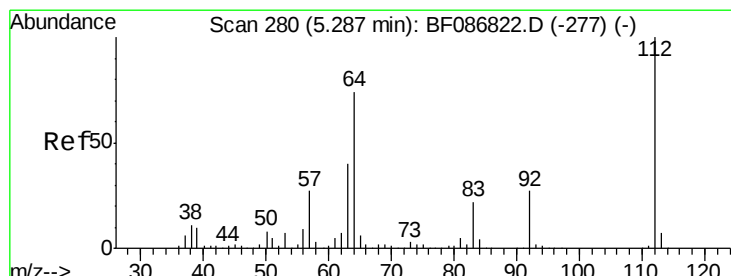
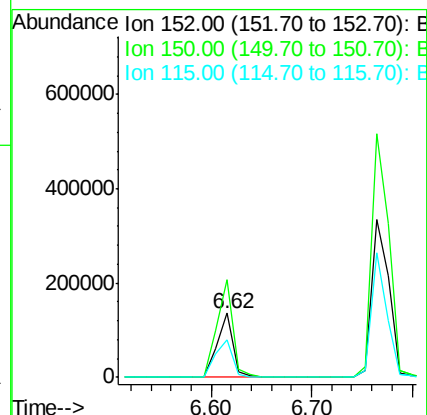
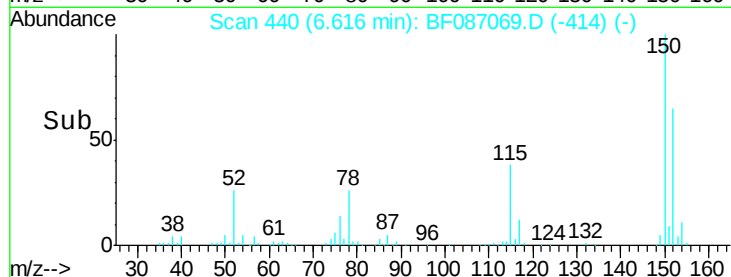
115 58.4 51.5 77.3



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: 103.34 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

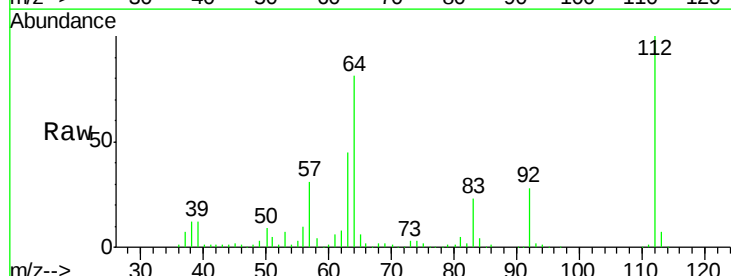
Tgt Ion:112 Resp: 897554

Ion Ratio Lower Upper

112 100

64 80.8 52.1 78.1#

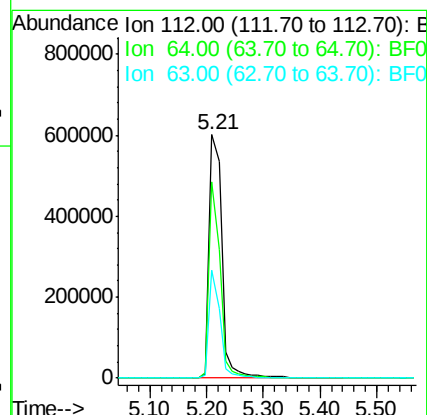
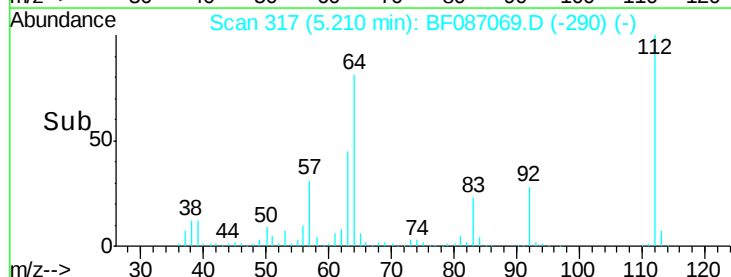
63 44.6 25.7 38.5#

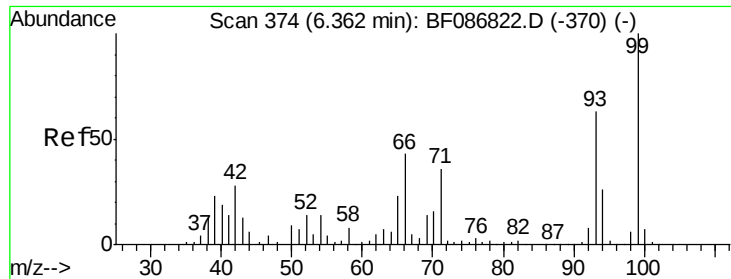


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.14 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

Instrument :

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90THAVE-SB-16(0.5-6.0)

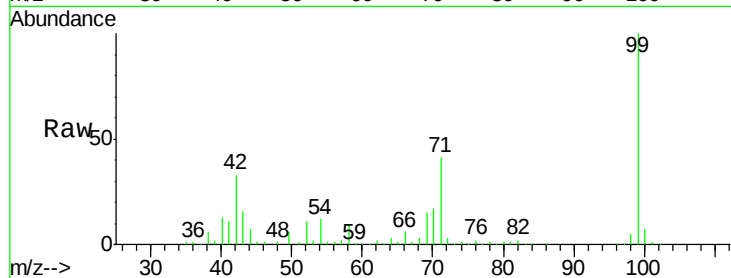
Tgt Ion: 99 Resp: 1069587

Ion Ratio Lower Upper

99 100

42 32.6 13.6 20.4#

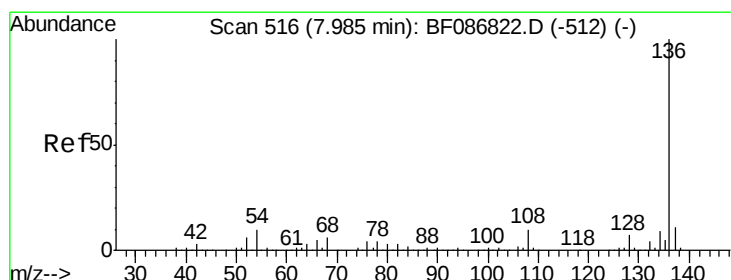
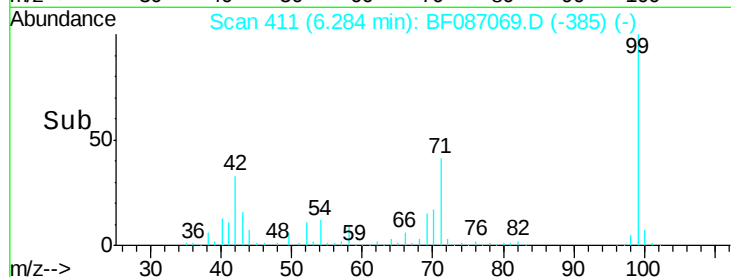
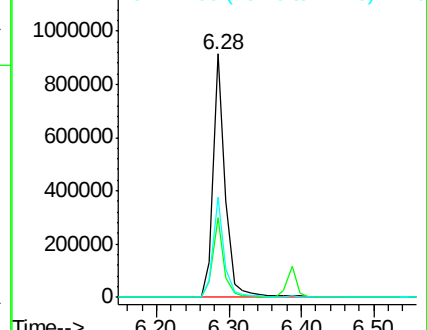
71 41.1 24.6 36.8#



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: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

Tgt Ion: 136 Resp: 558021

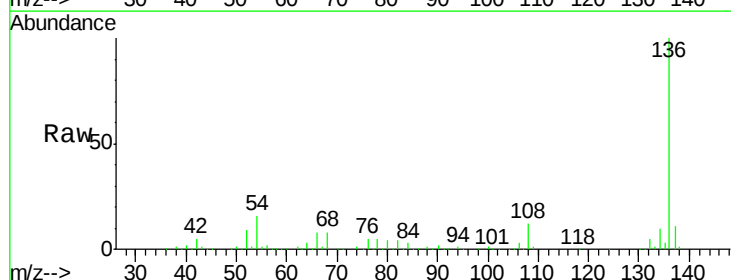
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 15.6 5.0 7.4#

68 7.8 4.4 6.6#

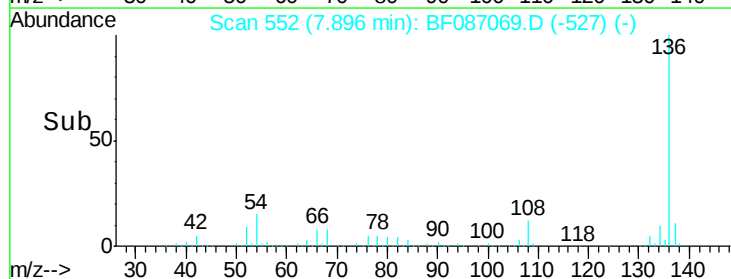
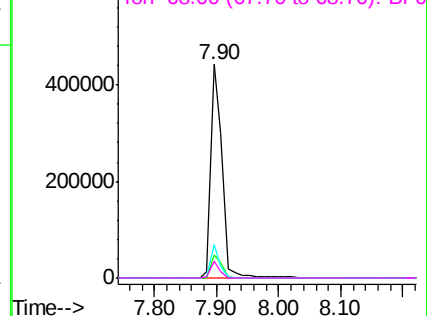


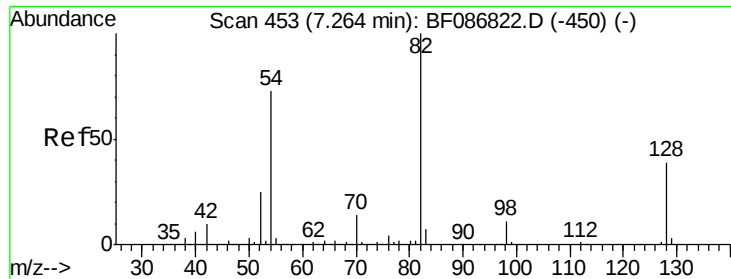
Abundance Ion 136.00 (135.70 to 136.70): E

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

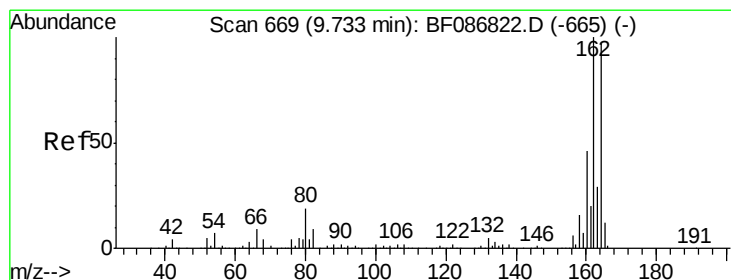
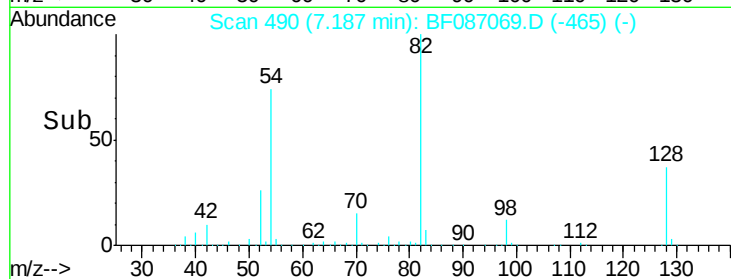
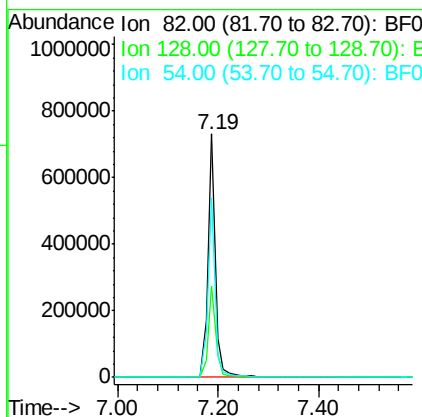
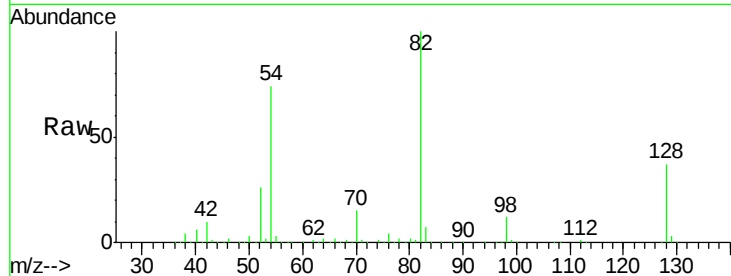




#23
 Nitrobenzene-d5
 Concen: 68.27 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087069.D
 Acq: 15 May 2016 14:59

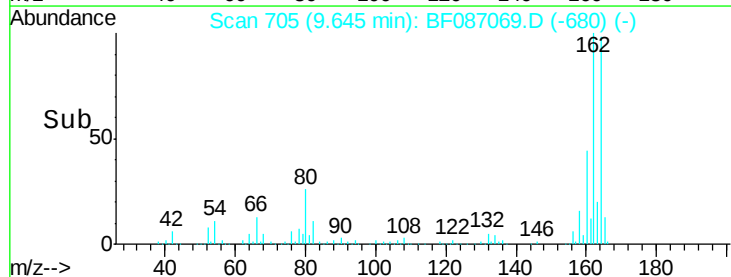
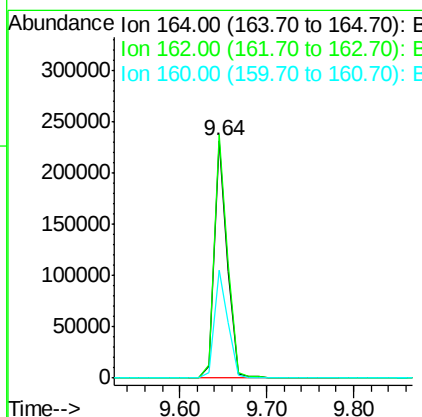
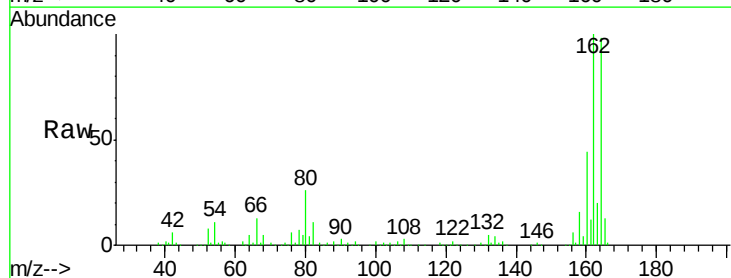
Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-16(0.5-6.0)

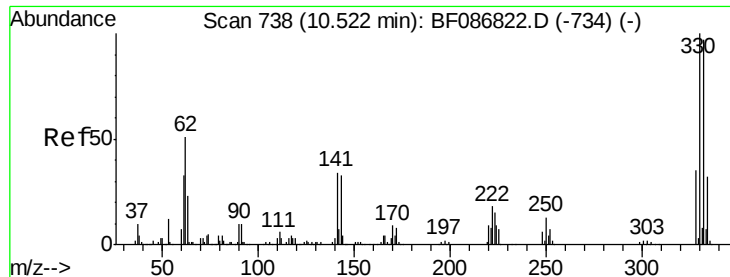
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	40.6	61.0#
54	73.7	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087069.D
 Acq: 15 May 2016 14:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	45.6	36.9	55.3

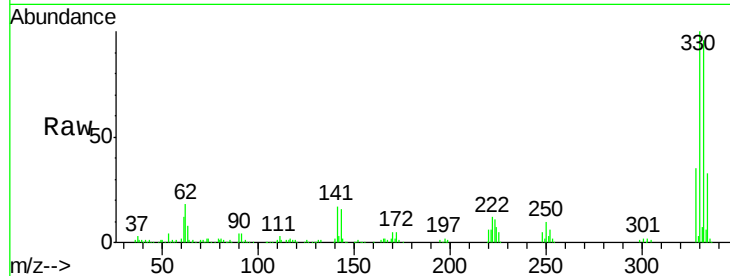




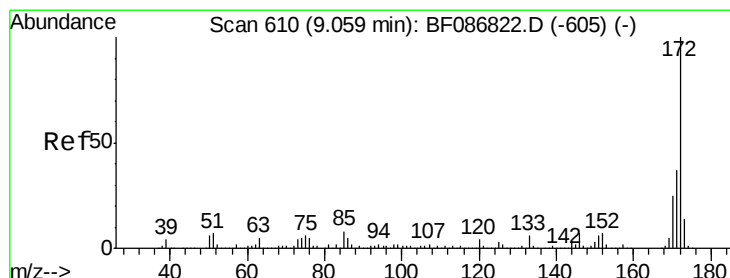
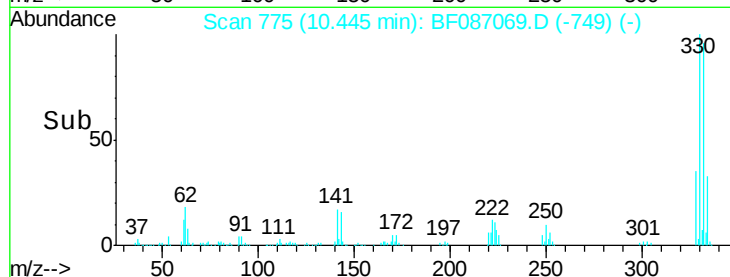
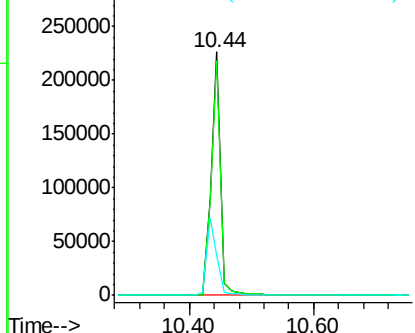
#41
 2,4,6-Tribromophenol
 Concen: 90.95 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087069.D
 Acq: 15 May 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-16(0.5-6.0)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	35.2	31.2	46.8

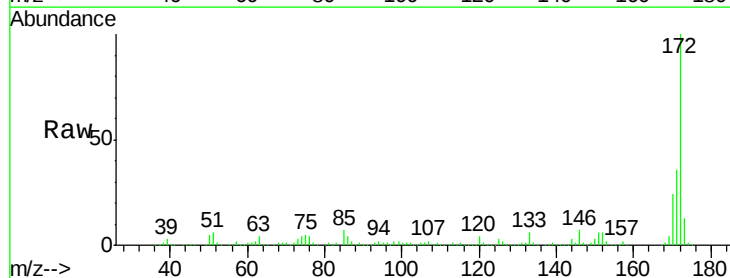


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

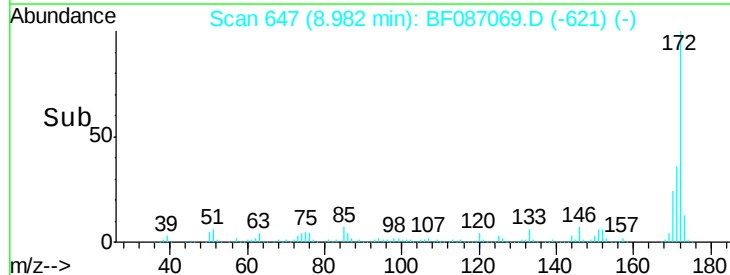
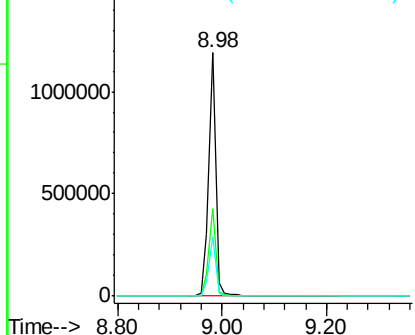


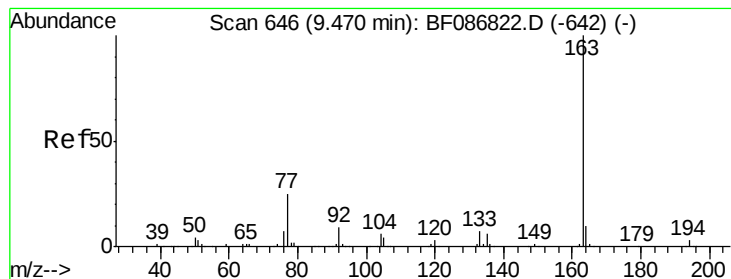
#44
 2-Fluorobiphenyl
 Concen: 76.33 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087069.D
 Acq: 15 May 2016 14:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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





#49

Dimethylphthalate

Concen: 7.29 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-16(0.5-6.0)

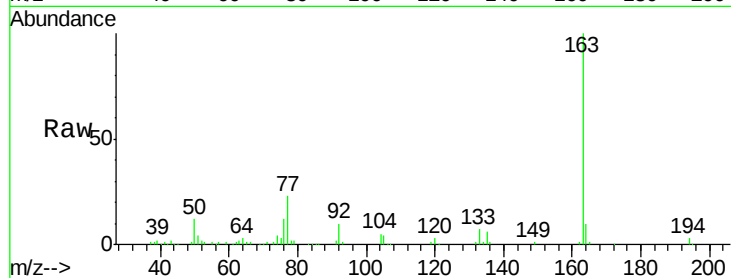
Tgt Ion:163 Resp: 136498

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

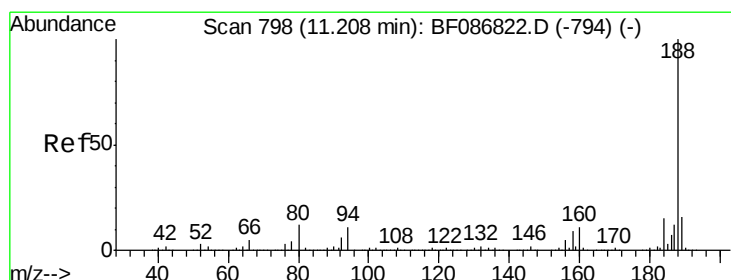
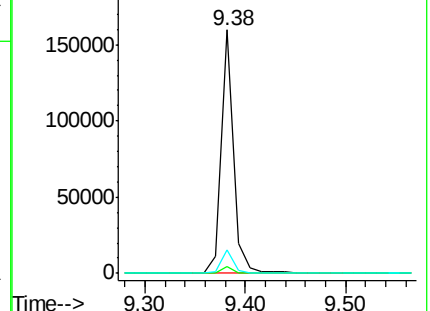
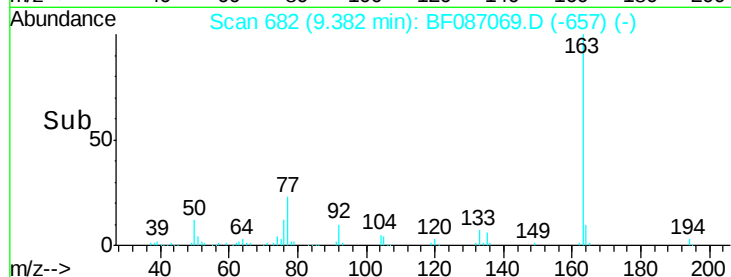
164 9.9 8.2 12.4



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: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

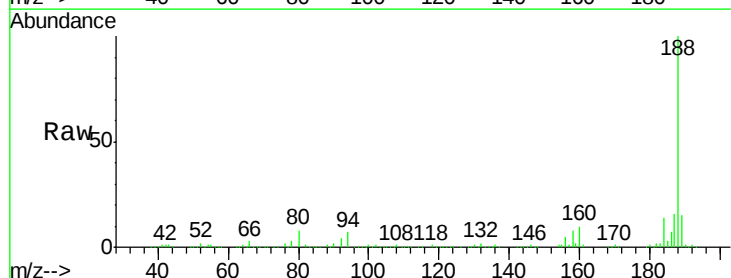
Tgt Ion:188 Resp: 402703

Ion Ratio Lower Upper

188 100

94 7.3 6.8 10.2

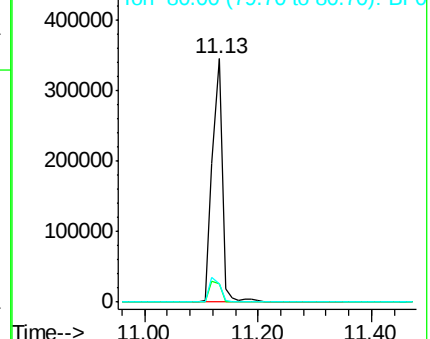
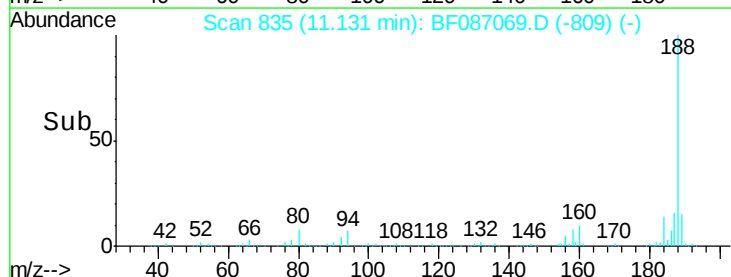
80 7.5 7.1 10.7

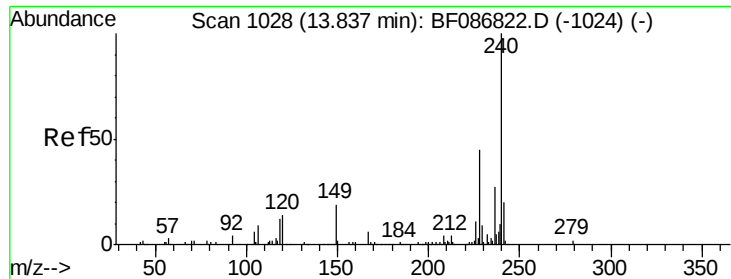


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

Instrument :

BNA_F

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90THAVE-SB-16(0.5-6.0)

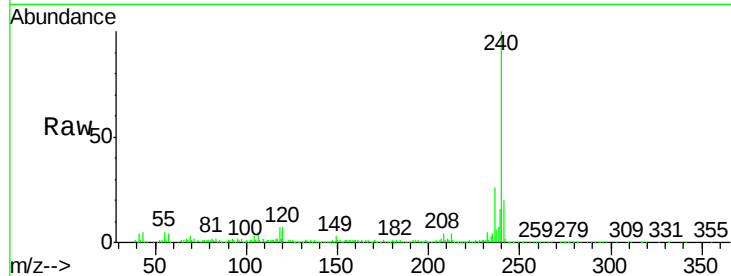
Tgt Ion:240 Resp: 294042

Ion Ratio Lower Upper

240 100

120 7.3 11.2 16.8#

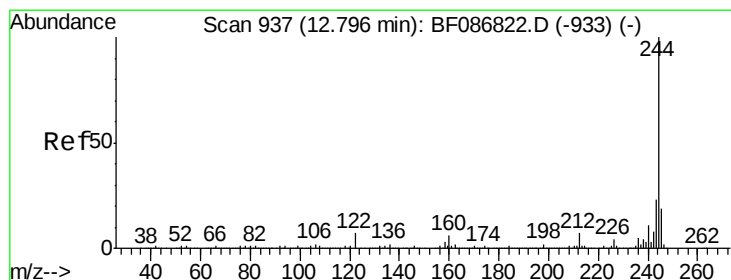
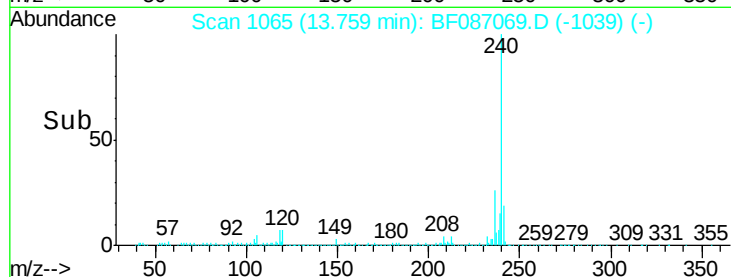
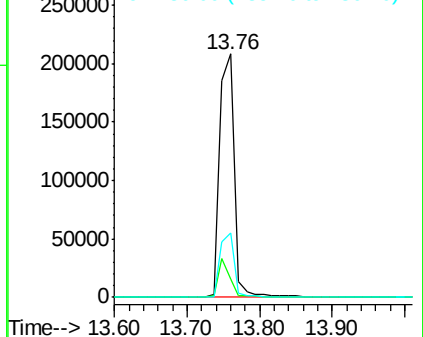
236 26.4 21.2 31.8



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: 45.83 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

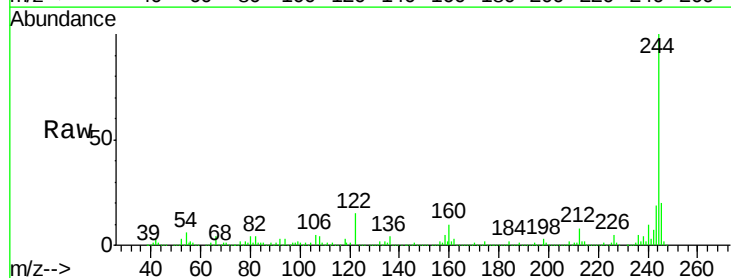
Tgt Ion:244 Resp: 635162

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

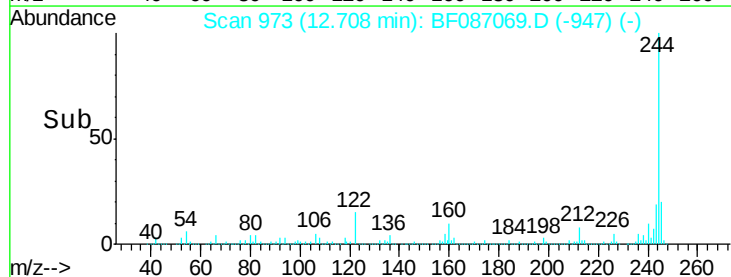
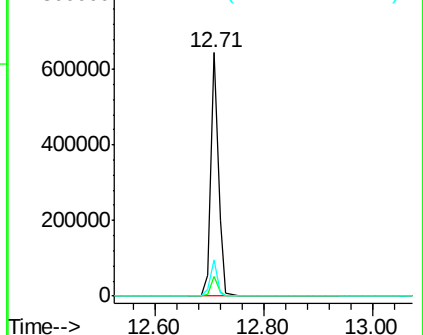
122 14.8 12.0 18.0

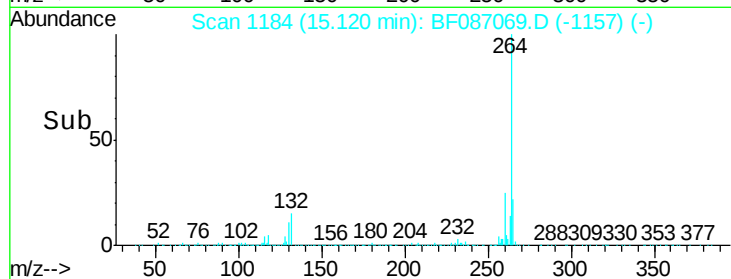
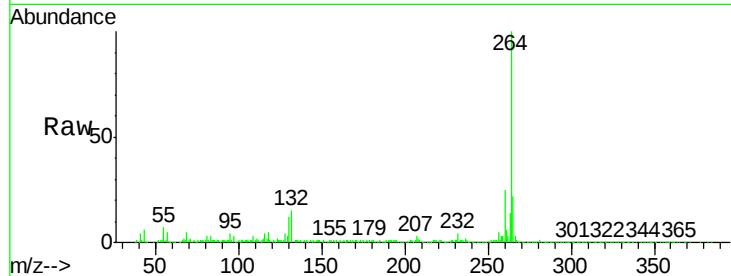
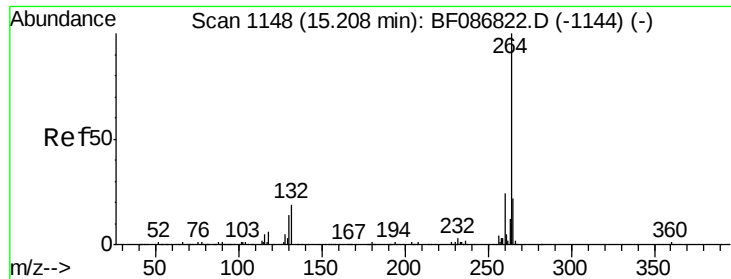


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.12 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF087069.D
Acq: 15 May 2016 14:59

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-16(0.5-6.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.2	17.3	25.9

