

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF086985.D
 Acq On : 13 May 2016 22:21
 Operator : UM/SJ
 Sample : H2992-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-26(0.5-10.0)

Quant Time: May 13 23:21:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

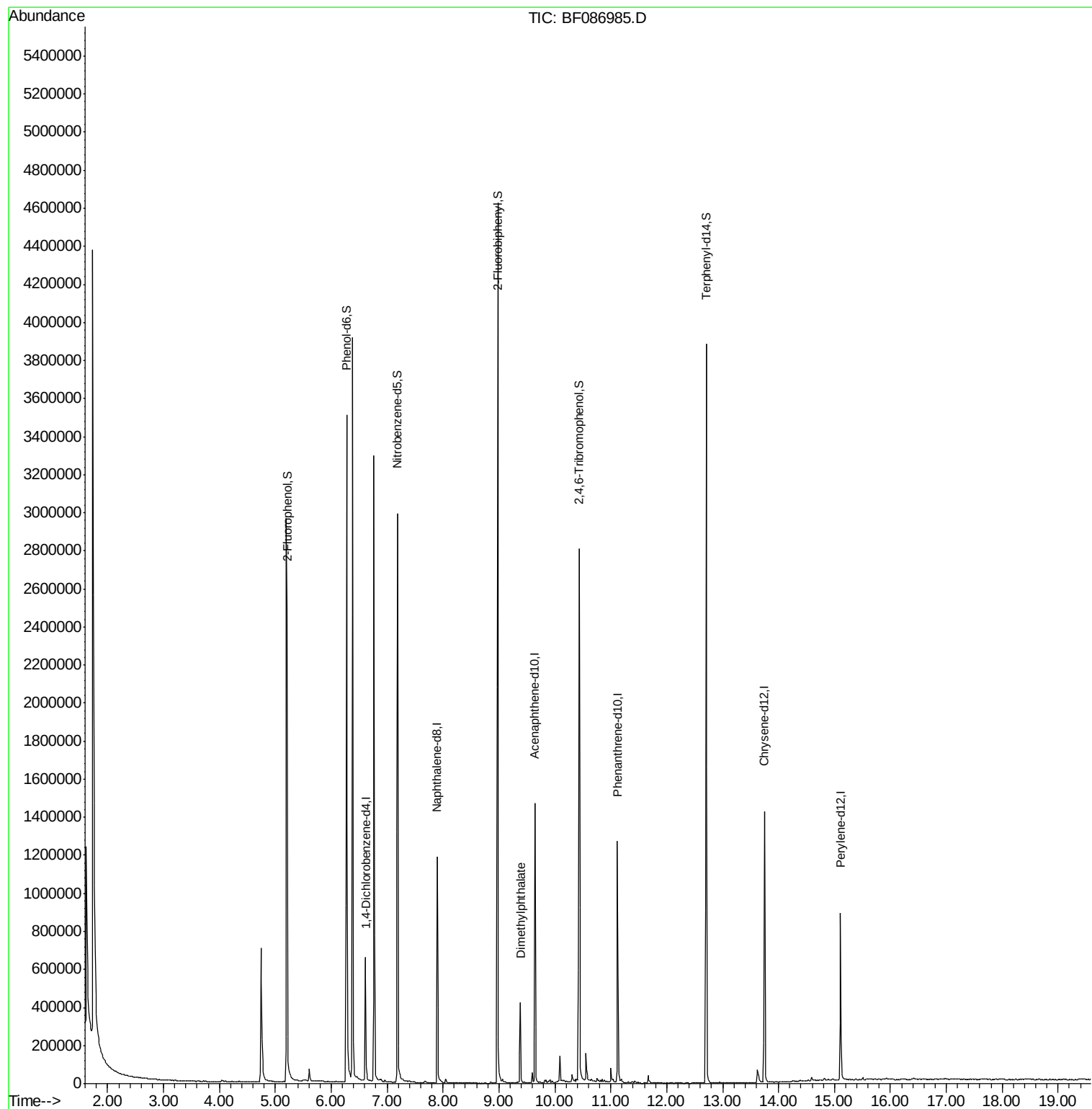
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	134311	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	562499	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	277473	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	519713	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	475354	20.00	ng	-0.01
86) Perylene-d12	15.11	264	357633	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1061965	133.90	ng	0.01
7) Phenol-d6	6.27	99	1342487	126.66	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1019383	91.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	359559	122.40	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1551491	93.97	ng	0.00
78) Terphenyl-d14	12.71	244	1417077	63.25	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.38	163	177142	8.37	ng	Qvalue 99

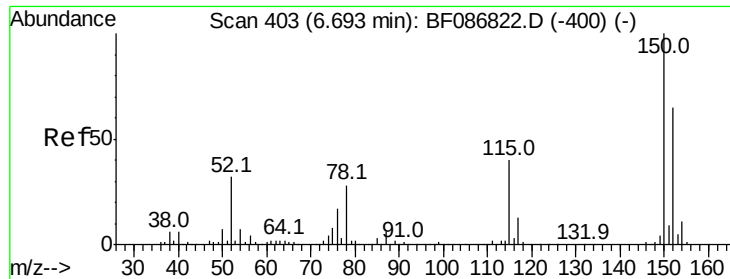
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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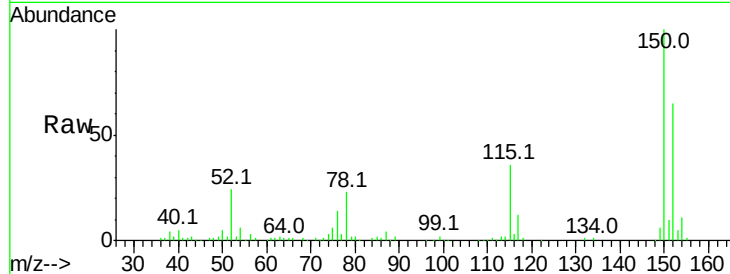


#1

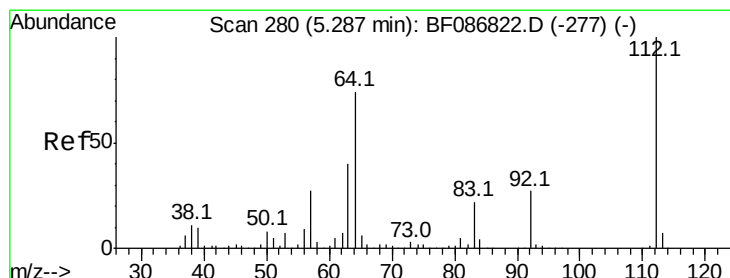
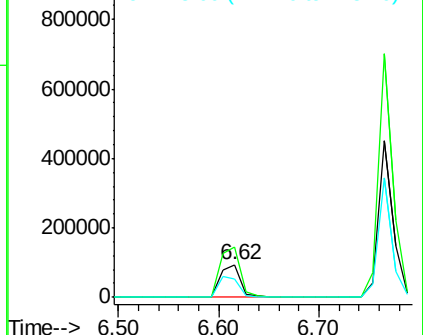
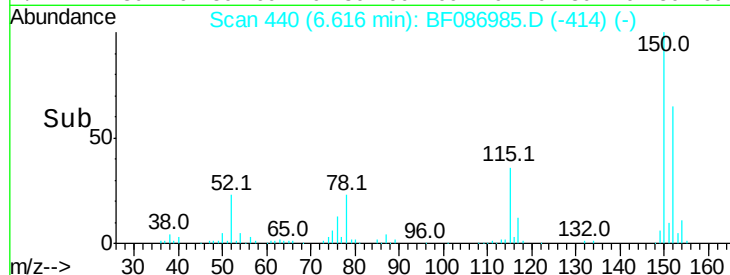
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF086985.D
Acq: 13 May 2016 22:21

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-26(0.5-10.0)

Tot Ion:152 Resp: 134311
Ion Ratio Lower Upper
152 100
150 153.7 125.8 188.6
115 55.6 51.5 77.3



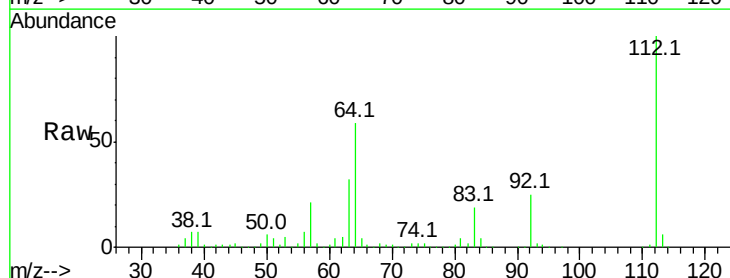
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



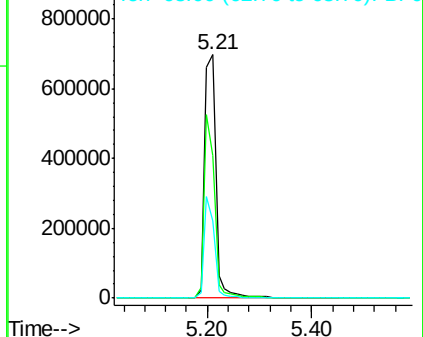
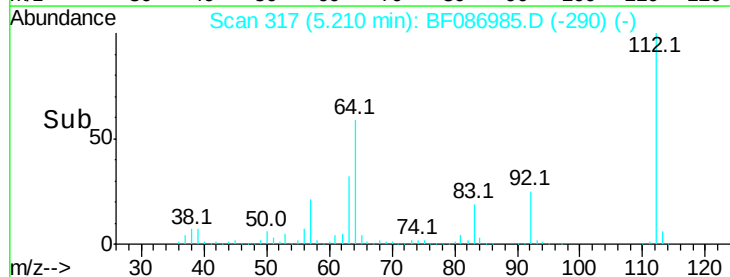
#5

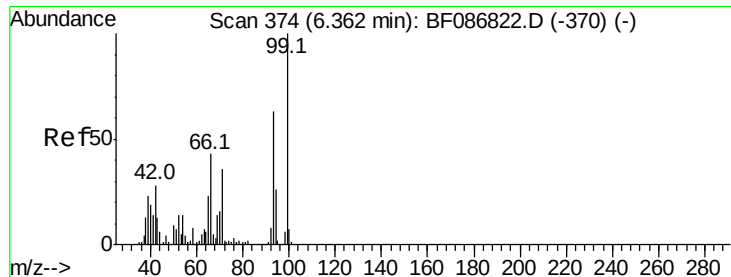
2-Fluorophenol
Concen: 133.90 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF086985.D
Acq: 13 May 2016 22:21

Tgt Ion:112 Resp: 1061965
Ion Ratio Lower Upper
112 100
64 58.7 52.1 78.1
63 31.8 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: 126.66 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-26(0.5-10.0)

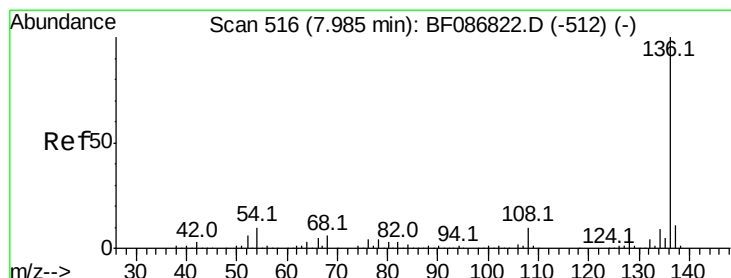
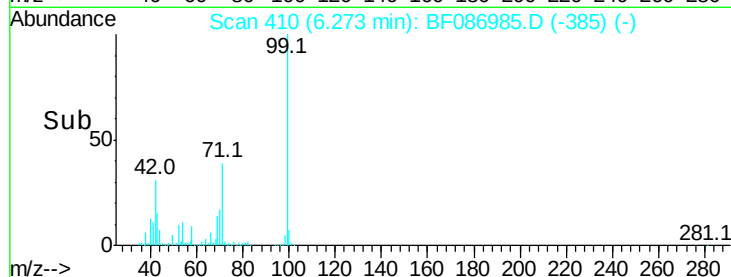
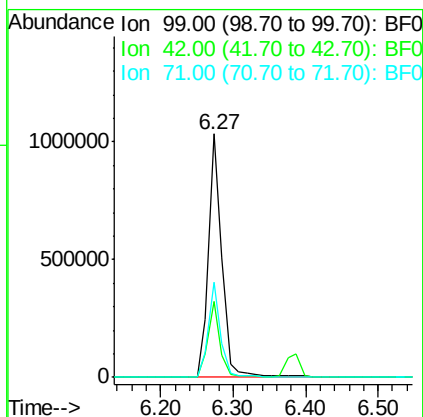
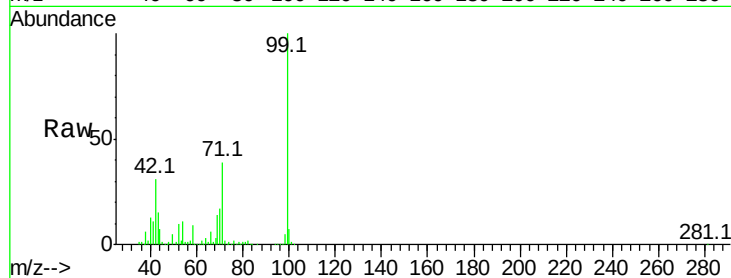
Tot Ion: 99 Resp: 1342487

Ion Ratio Lower Upper

99 100

42 31.2 13.6 20.4#

71 39.3 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

Tgt Ion: 136 Resp: 562499

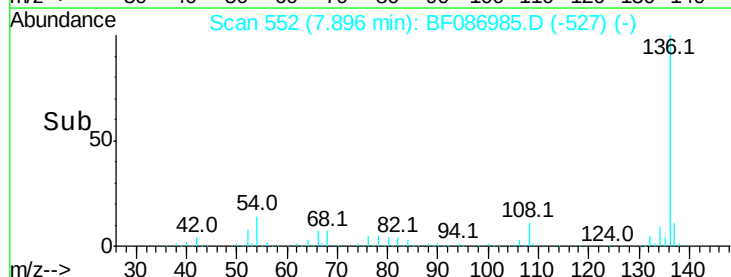
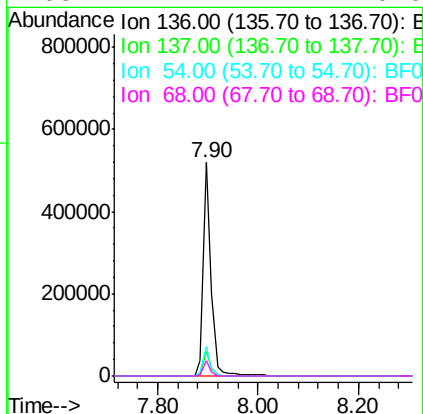
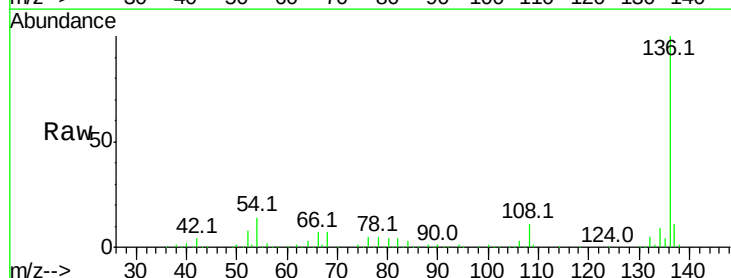
Ion Ratio Lower Upper

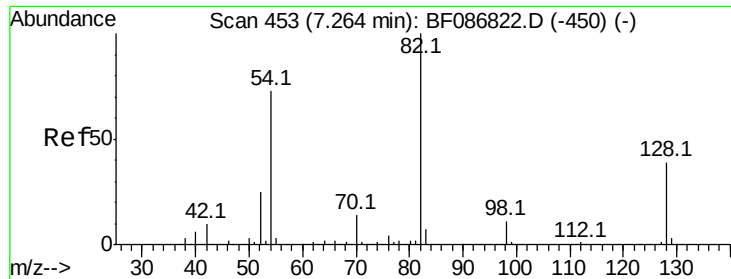
136 100

137 11.4 8.8 13.2

54 14.1 5.0 7.4#

68 7.4 4.4 6.6#

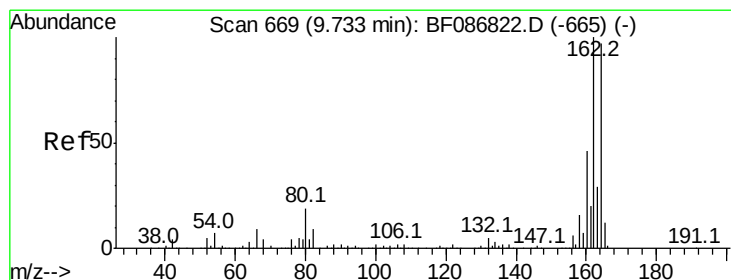
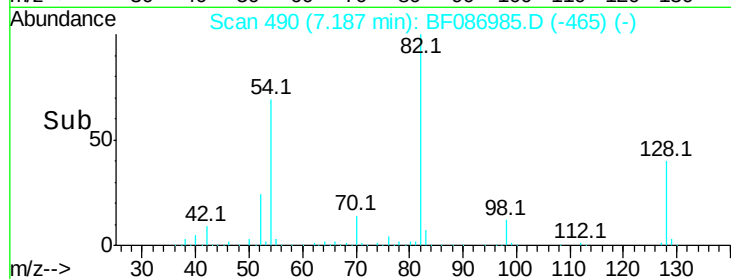
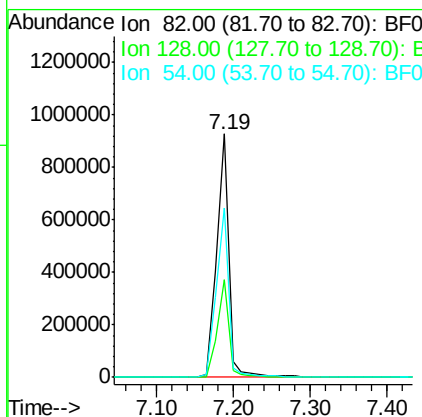
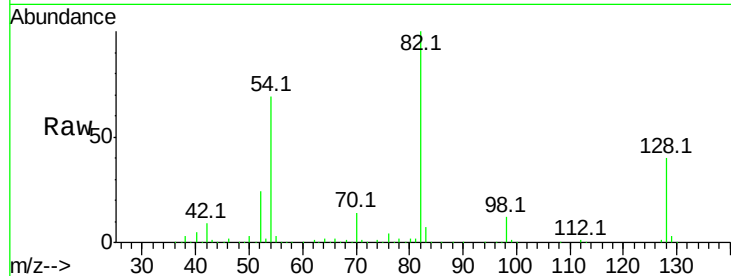




#23
 Nitrobenzene-d5
 Concen: 91.00 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF086985.D
 Acq: 13 May 2016 22:21

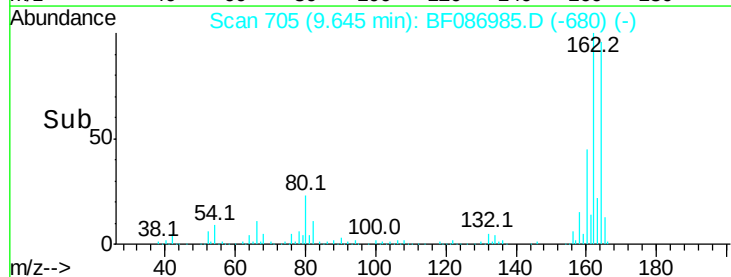
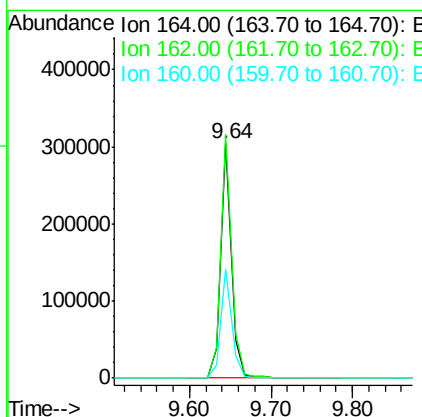
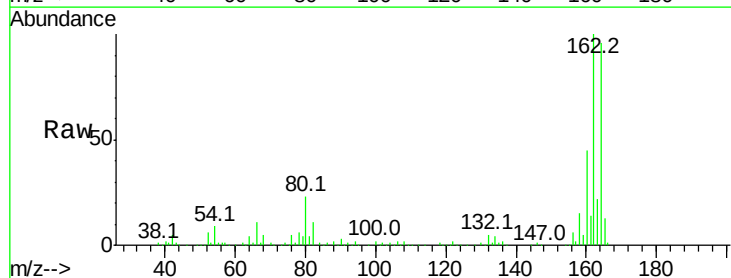
Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-26(0.5-10.0)

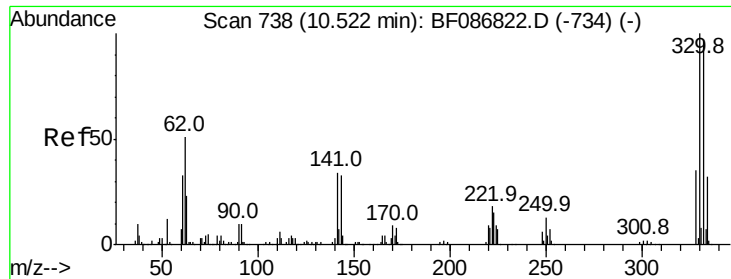
Tot Ion: 82 Resp: 1019383
 Ion Ratio Lower Upper
 82 100
 128 40.3 40.6 61.0#
 54 69.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF086985.D
 Acq: 13 May 2016 22:21

Tgt Ion: 164 Resp: 277473
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 46.7 36.9 55.3

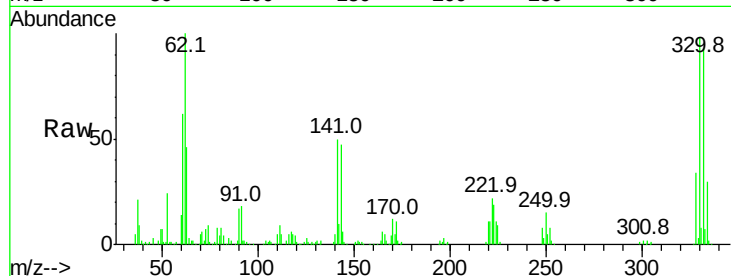




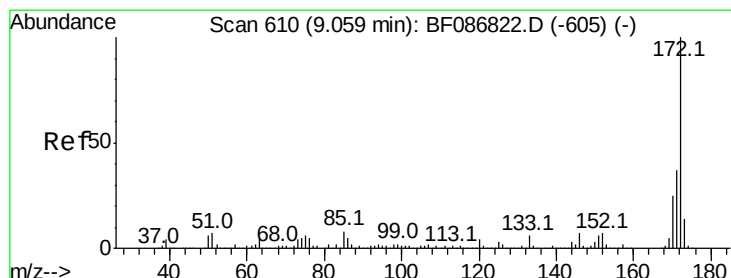
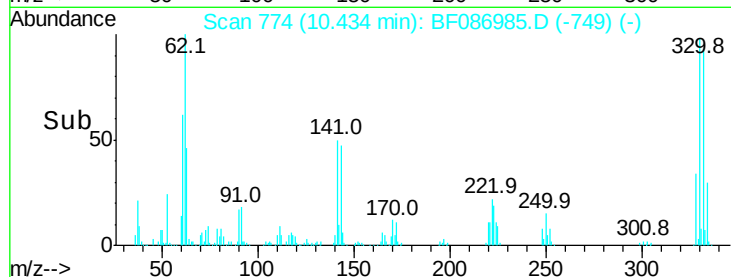
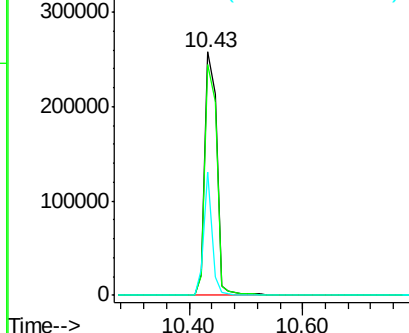
#41
 2,4,6-Tribromophenol
 Concen: 122.40 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF086985.D
 Acq: 13 May 2016 22:21

Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-26(0.5-10.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	79.0	118.4
141	35.7	31.2	46.8

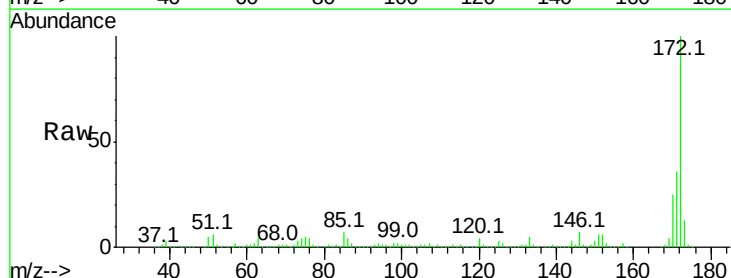


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

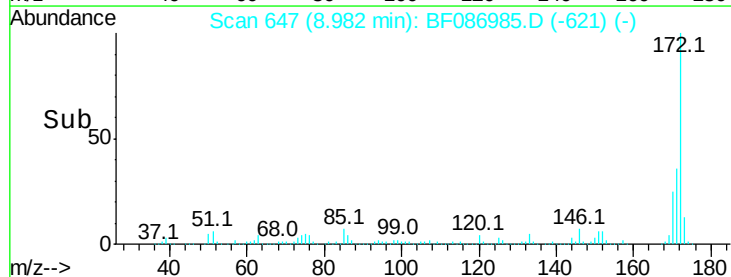
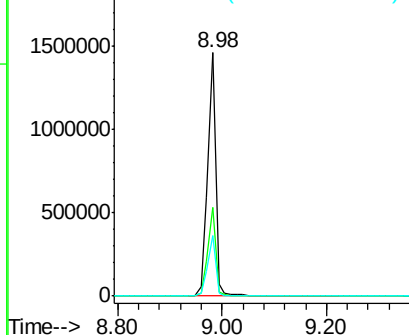


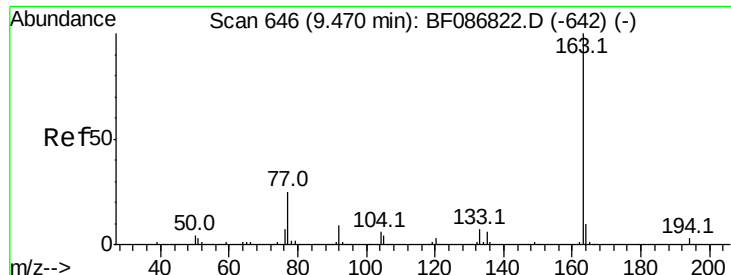
#44
 2-Fluorobiphenyl
 Concen: 93.97 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086985.D
 Acq: 13 May 2016 22:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.6	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: 8.37 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-26(0.5-10.0)

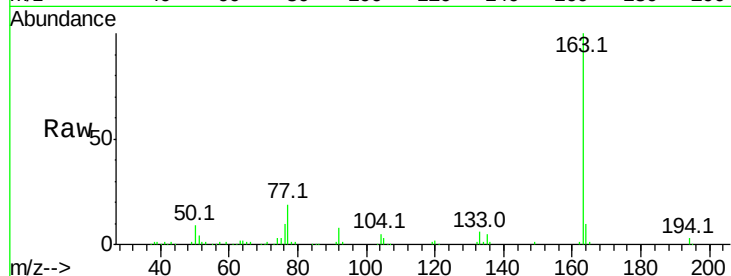
Tot Ion:163 Resp: 177142

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

164 9.7 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

250000

200000

150000

100000

50000

0

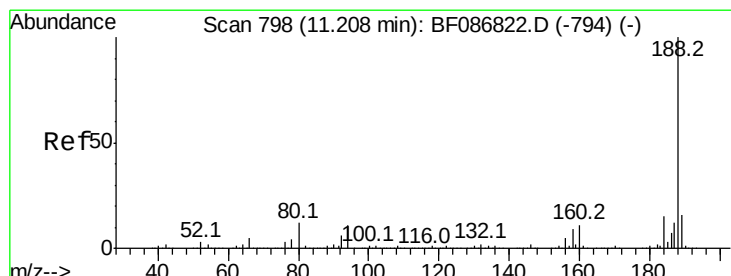
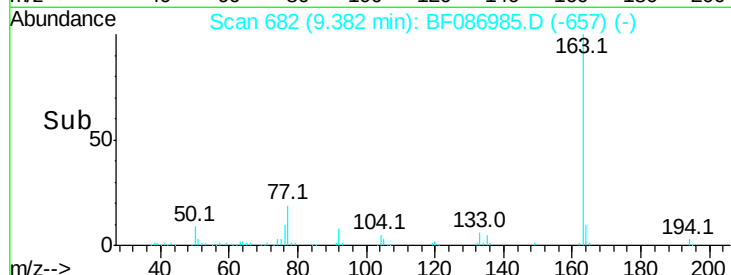
9.38

9.30

9.40

9.50

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

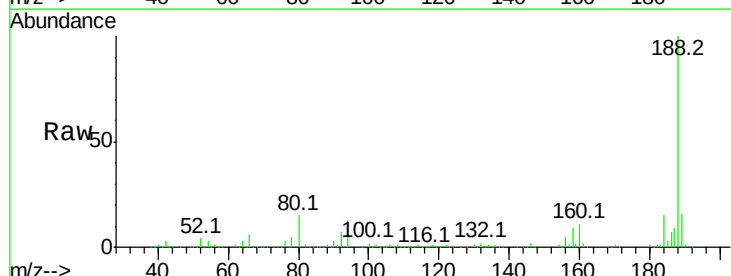
Tgt Ion:188 Resp: 519713

Ion Ratio Lower Upper

188 100

94 13.5 6.8 10.2#

80 15.0 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

600000

500000

400000

300000

200000

100000

0

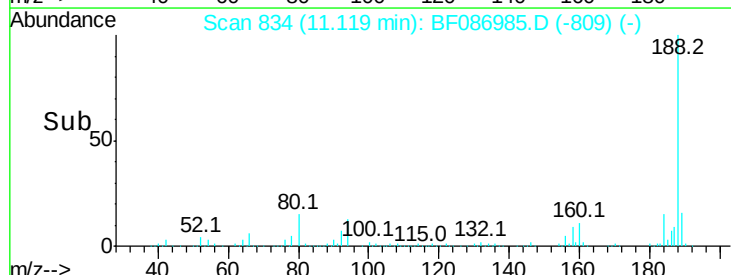
11.12

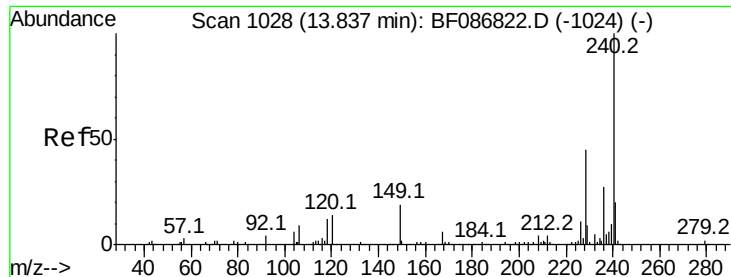
11.00

11.20

11.40

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-26(0.5-10.0)

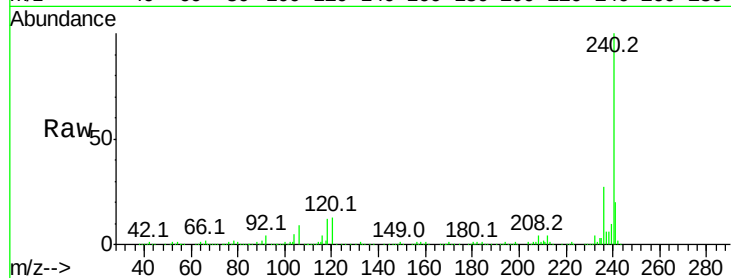
Tot Ion:240 Resp: 475354

Ion Ratio Lower Upper

240 100

120 12.9 11.2 16.8

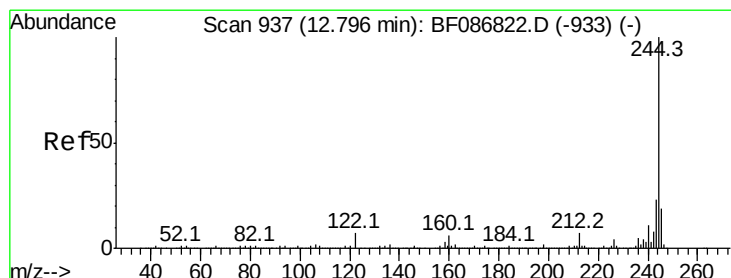
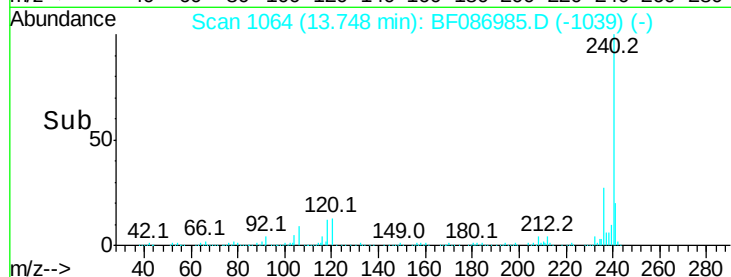
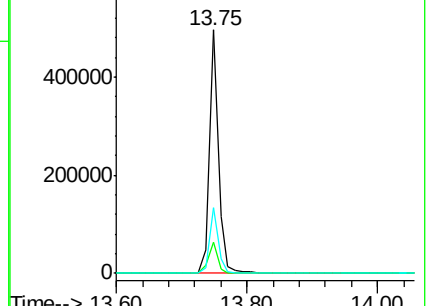
236 27.2 21.2 31.8



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: 63.25 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

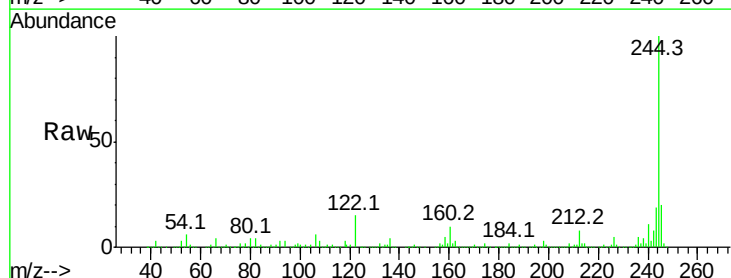
Tgt Ion:244 Resp: 1417077

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

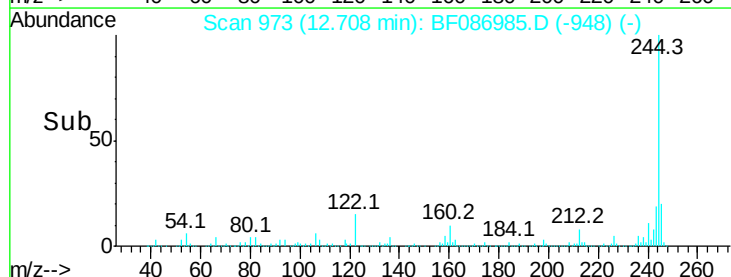
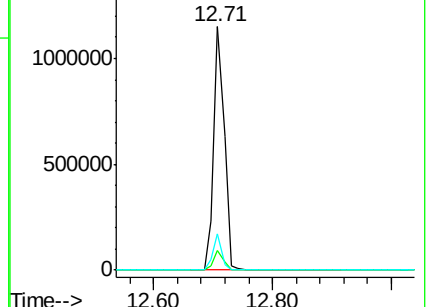
122 15.1 12.0 18.0

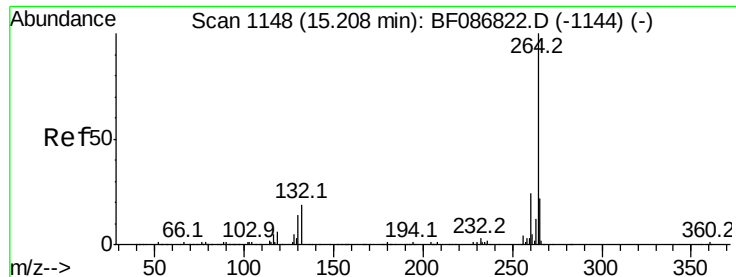


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

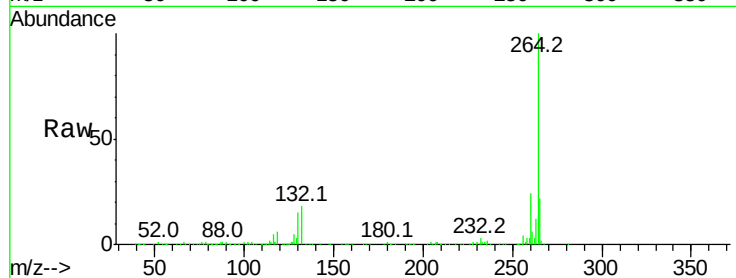




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF086985.D
 Acq: 13 May 2016 22:21

Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-26(0.5-10.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	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

