

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087732.D
 Acq On : 6 Jun 2016 3:22
 Operator : UM/SJ
 Sample : H3378-13
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Quant Time: Jun 06 04:59:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

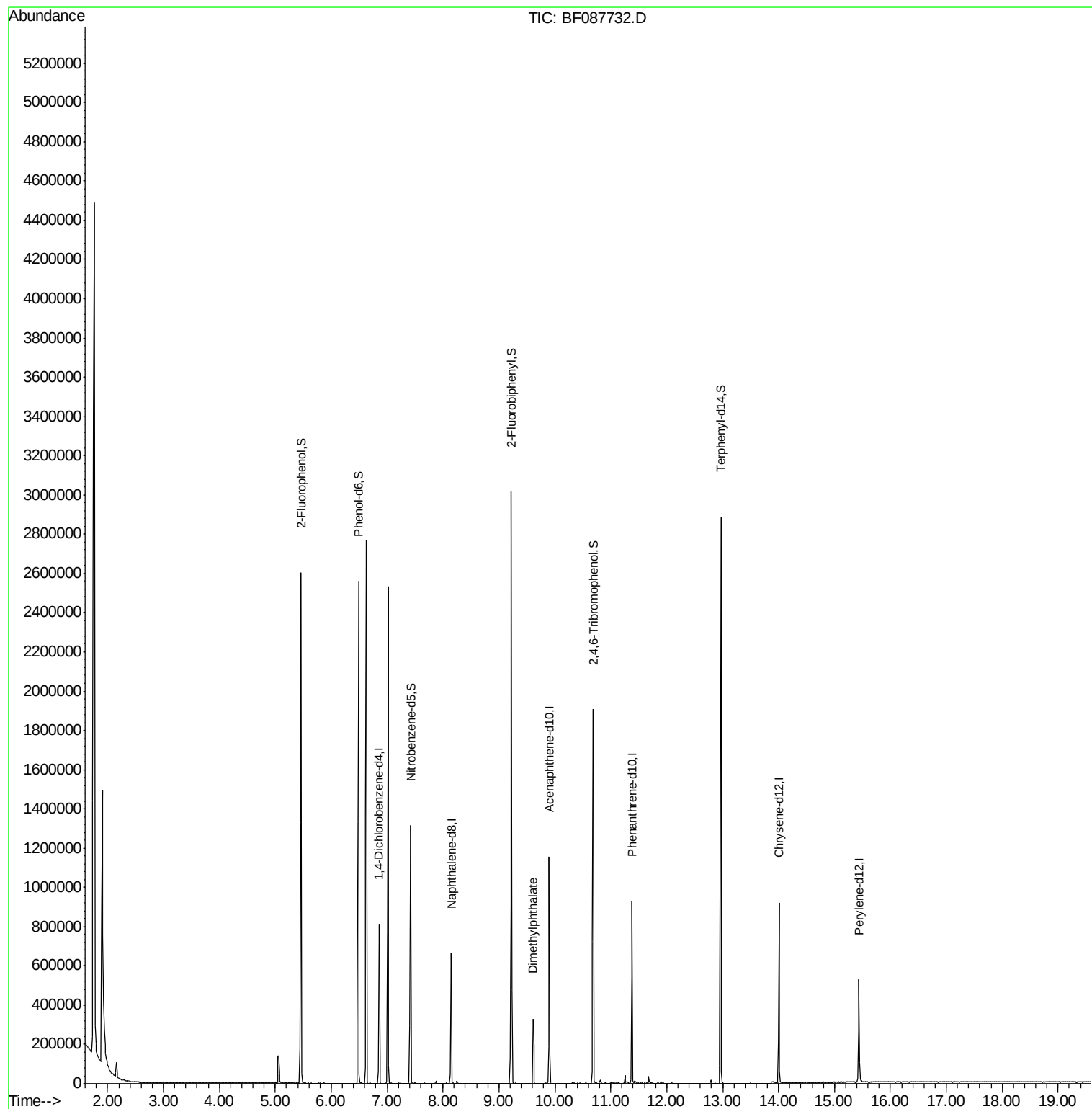
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115706	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	470894	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	224194	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	411745	20.00	ng	0.00
75) Chrysene-d12	14.01	240	308019	20.00	ng	-0.01
86) Perylene-d12	15.44	264	236612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	828749	115.77	ng	0.01
7) Phenol-d6	6.49	99	1065870	118.72	ng	0.00
23) Nitrobenzene-d5	7.43	82	681584	83.74	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	238885	106.15	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1063054	68.46	ng	-0.01
78) Terphenyl-d14	12.97	244	989377	78.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	181052	11.11	ng	Qvalue # 99

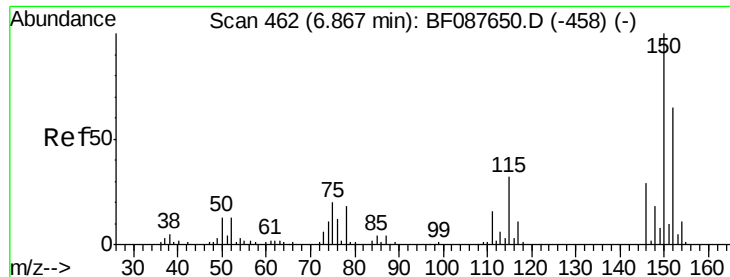
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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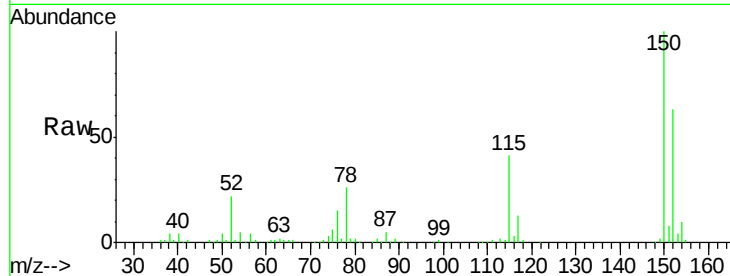


#1

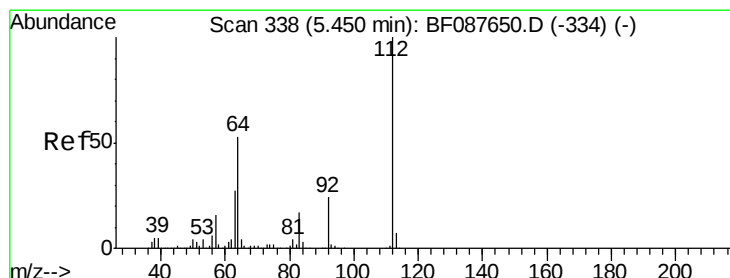
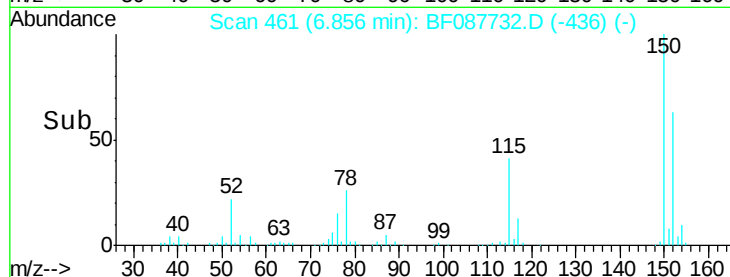
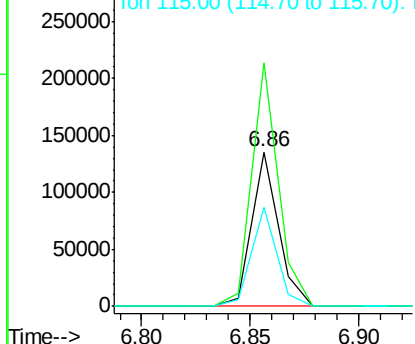
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087732.D
Acq: 6 Jun 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SB-9

Tot Ion:152 Resp: 115706
Ion Ratio Lower Upper
152 100
150 158.1 123.8 185.6
115 64.4 39.6 59.4#



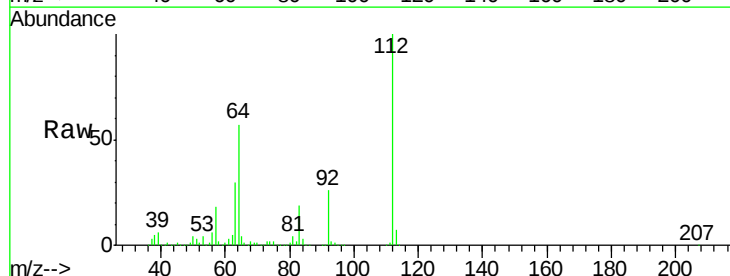
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



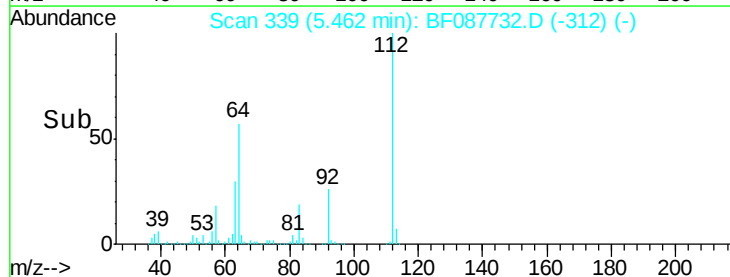
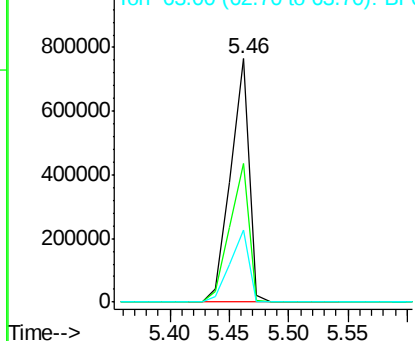
#5

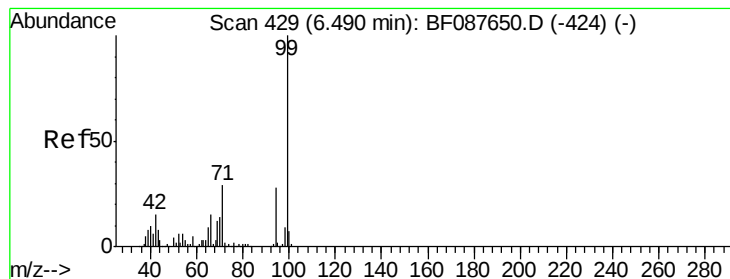
2-Fluorophenol
Concen: 115.77 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087732.D
Acq: 6 Jun 2016 3:22

Tgt Ion:112 Resp: 828749
Ion Ratio Lower Upper
112 100
64 57.0 42.2 63.2
63 29.8 21.8 32.8



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: 118.72 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087732.D

Acq: 6 Jun 2016 3:22

Instrument :

BNA_F

ClientSampleId :

SB-9

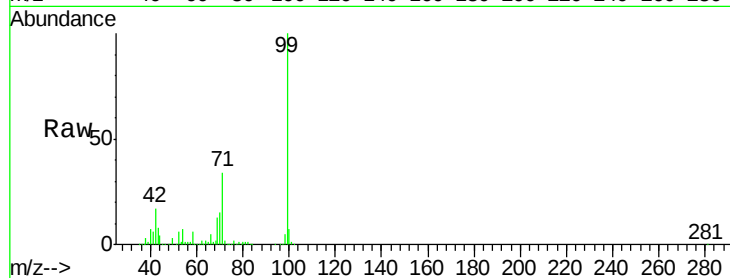
Tot Ion: 99 Resp: 1065870

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

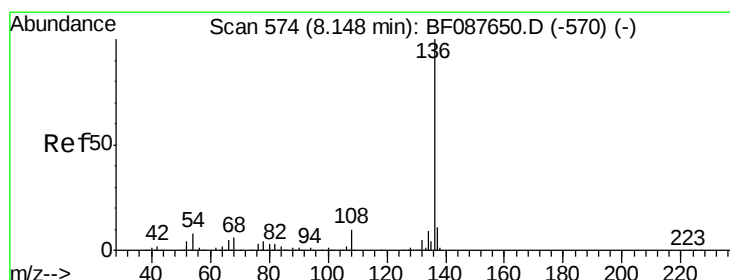
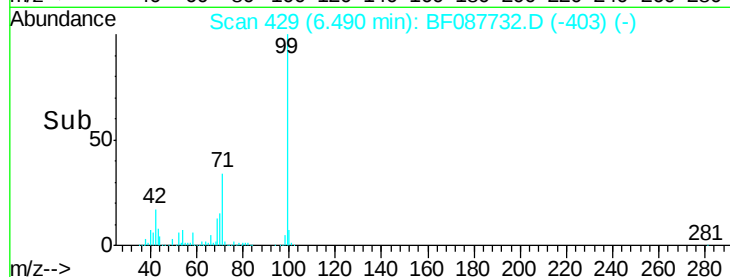
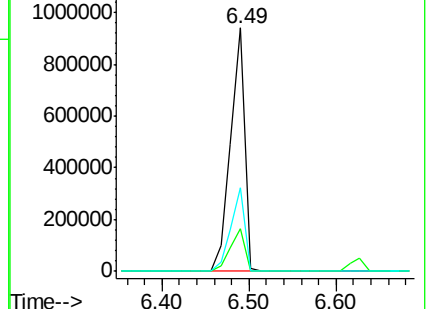
71 34.1 23.4 35.0



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: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087732.D

Acq: 6 Jun 2016 3:22

Tgt Ion: 136 Resp: 470894

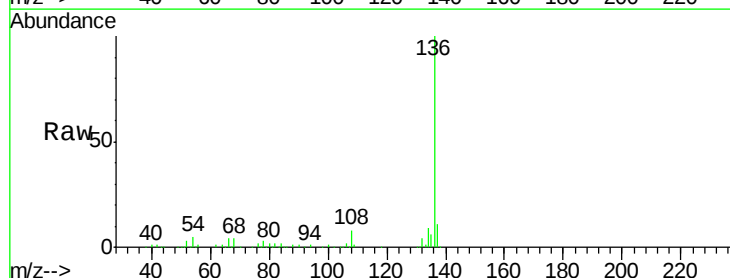
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.1 6.6 10.0#

68 4.2 5.1 7.7#

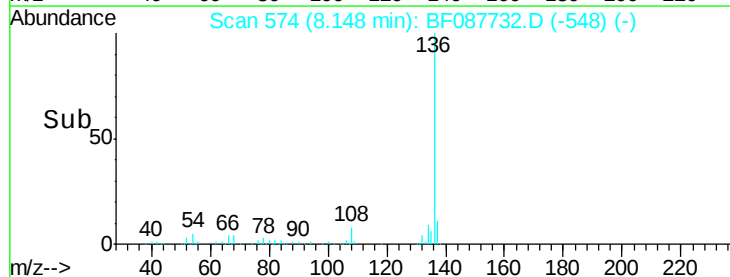
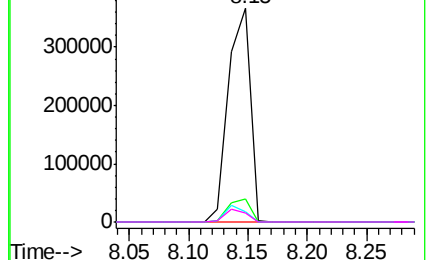


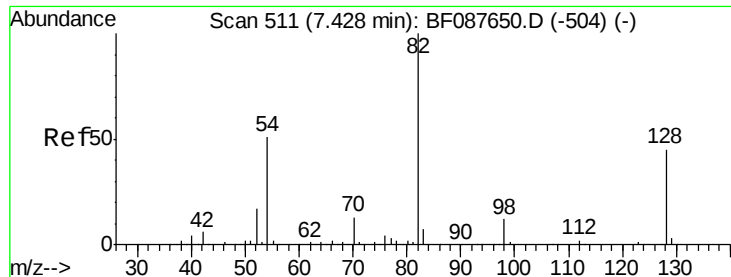
Abundance Ion 136.00 (135.70 to 136.70): E

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

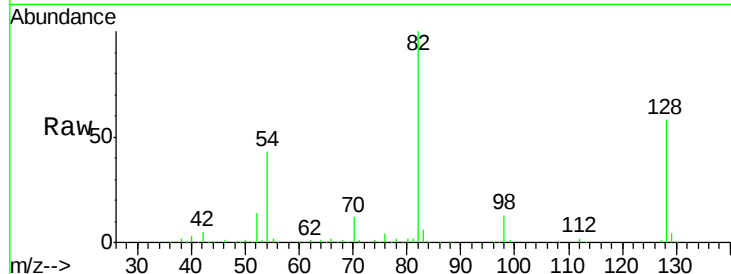




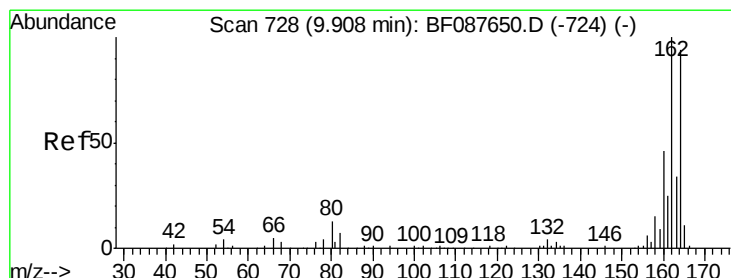
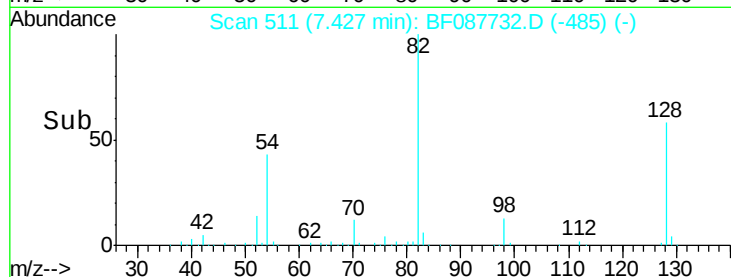
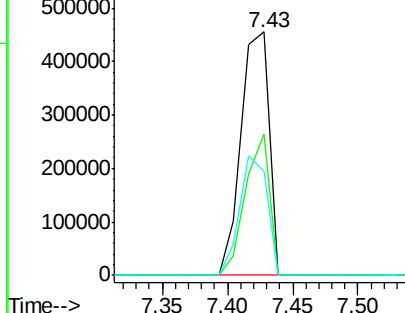
#23
 Nitrobenzene-d5
 Concen: 83.74 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087732.D
 Acq: 6 Jun 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Tot Ion	82	Resp	681584
Ion Ratio	Lower	Upper	
82	100		
128	58.0	35.9	53.9#
54	42.6	40.9	61.3

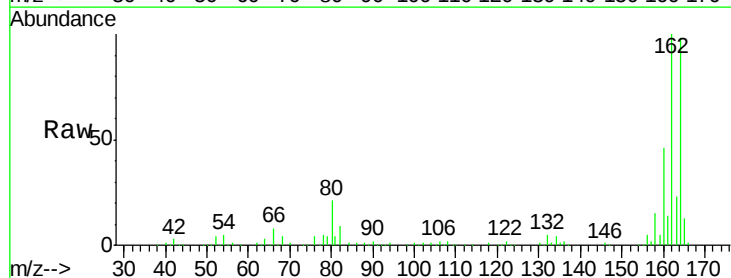


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

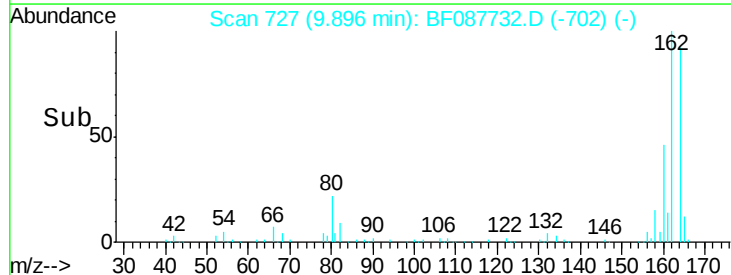
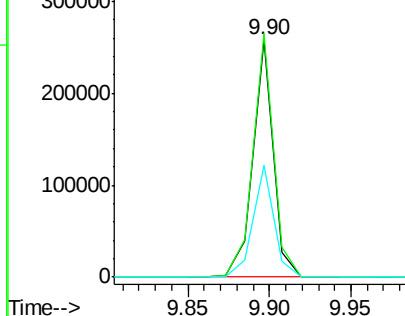


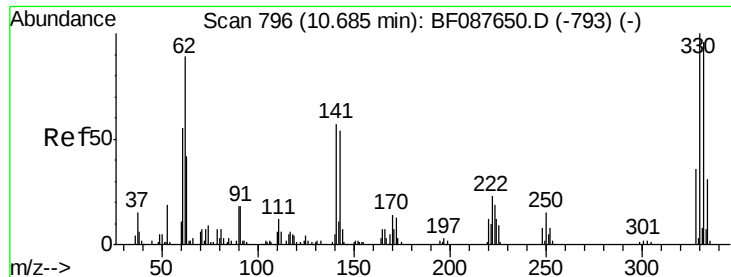
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087732.D
 Acq: 6 Jun 2016 3:22

Tgt Ion	164	Resp	224194
Ion Ratio	Lower	Upper	
164	100		
162	102.5	85.4	128.2
160	46.9	39.5	59.3



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

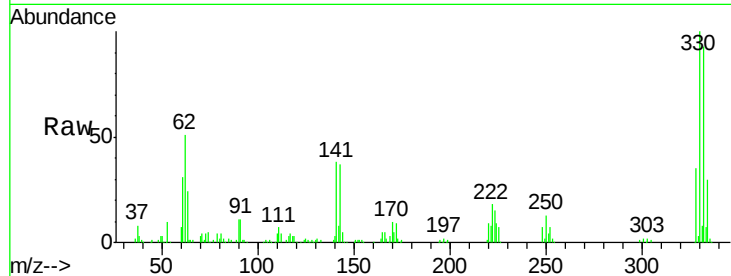




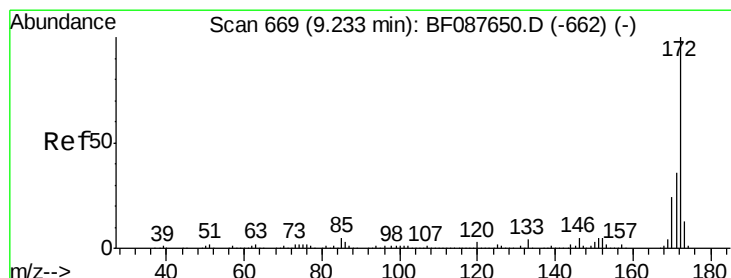
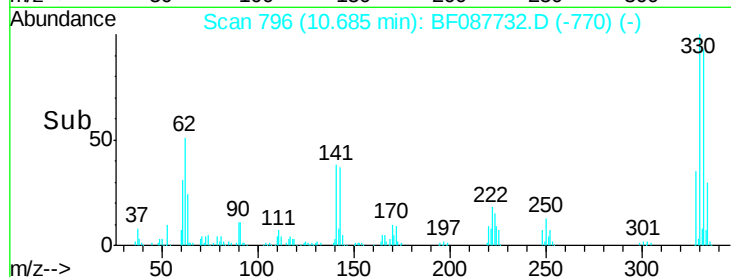
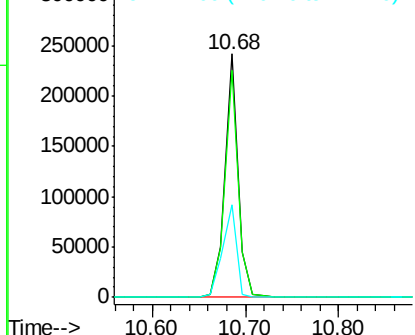
#41
 2,4,6-Tribromophenol
 Concen: 106.15 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087732.D
 Acq: 6 Jun 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	39.8	0.0	0.0#

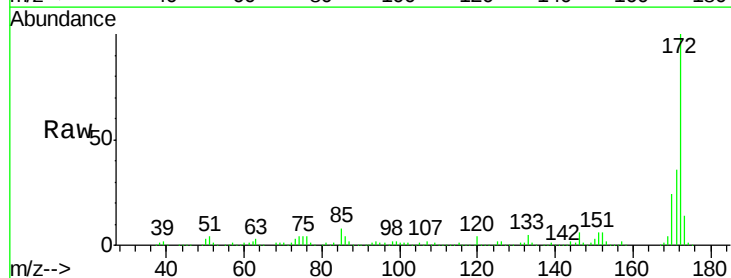


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

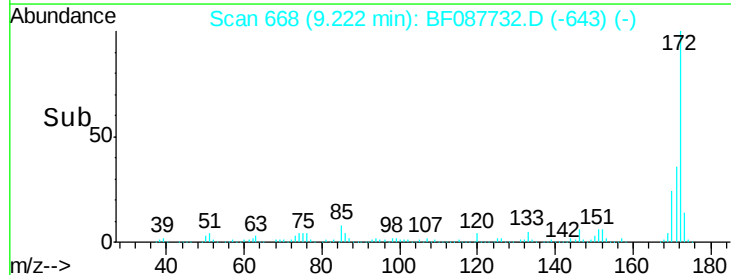
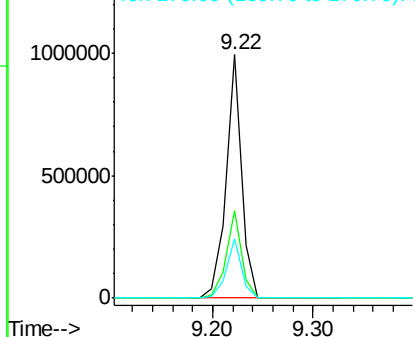


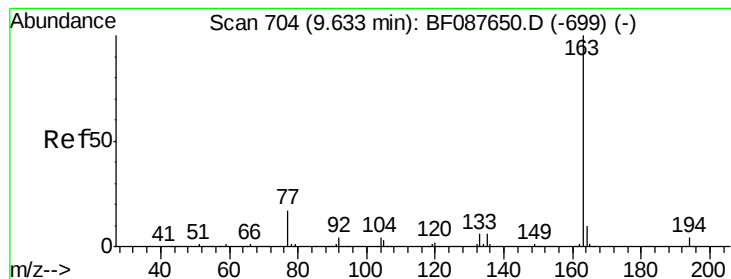
#44
 2-Fluorobiphenyl
 Concen: 68.46 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087732.D
 Acq: 6 Jun 2016 3:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.3	19.2	28.8



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: 11.11 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF087732.D

Acq: 6 Jun 2016 3:22

Instrument :

BNA_F

ClientSampleId :

SB-9

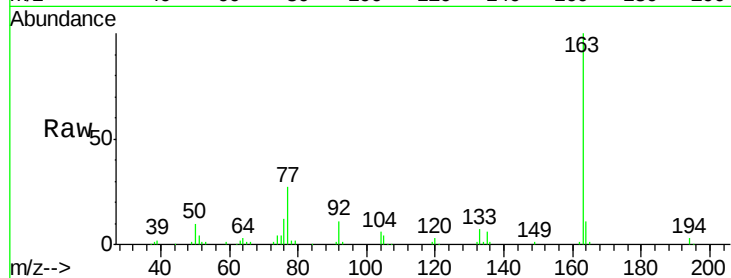
Tot Ion:163 Resp: 181052

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2#

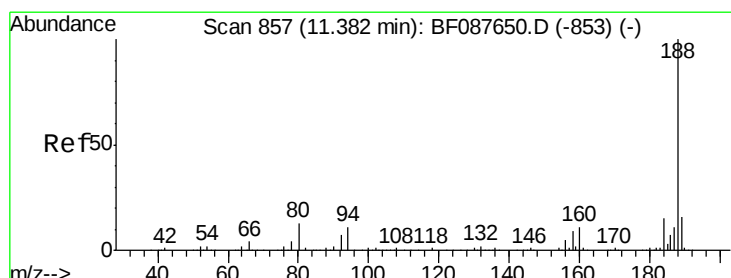
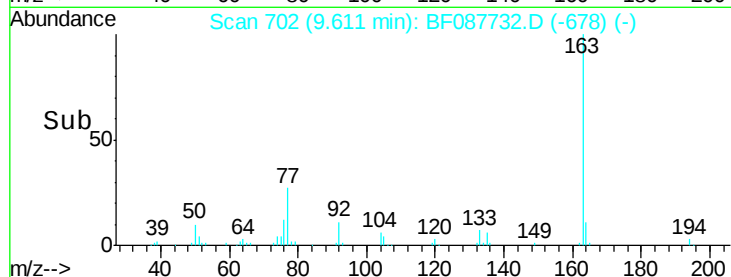
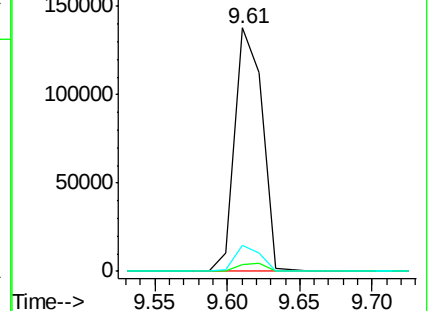
164 10.7 8.3 12.5



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: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087732.D

Acq: 6 Jun 2016 3:22

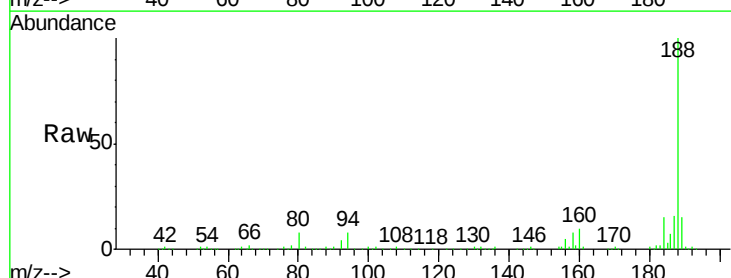
Tgt Ion:188 Resp: 411745

Ion Ratio Lower Upper

188 100

94 7.6 9.0 13.6#

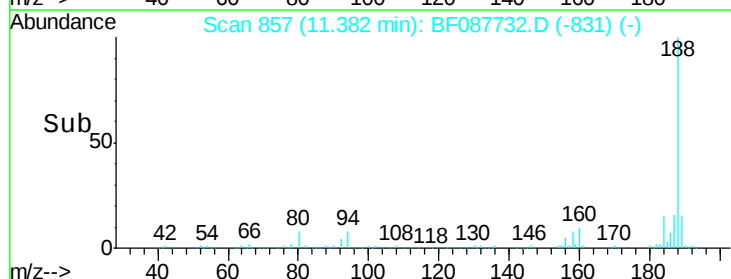
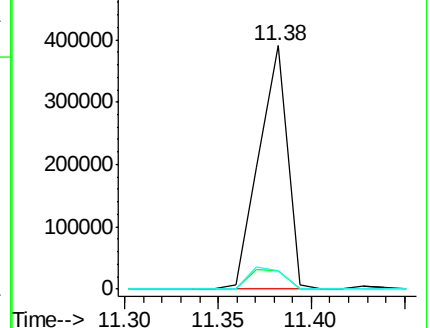
80 7.7 10.0 15.0#

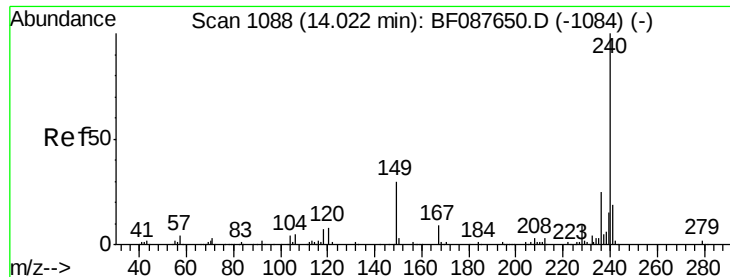


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087732.D

Acq: 6 Jun 2016 3:22

Instrument :

BNA_F

ClientSampleId :

SB-9

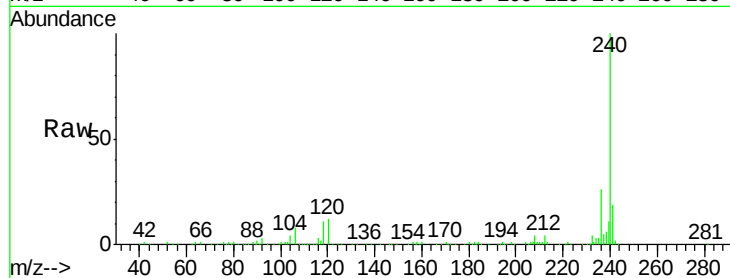
Tot Ion:240 Resp: 308019

Ion Ratio Lower Upper

240 100

120 12.1 6.8 10.2#

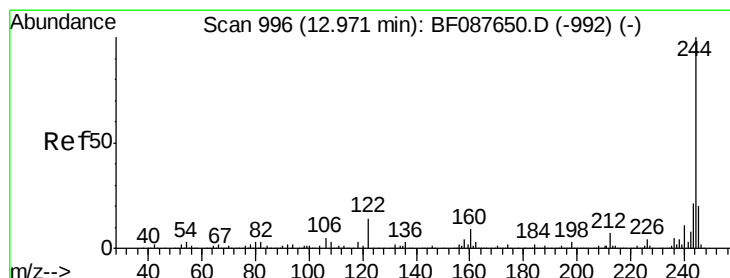
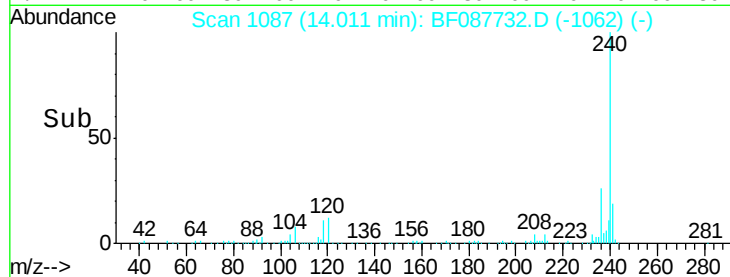
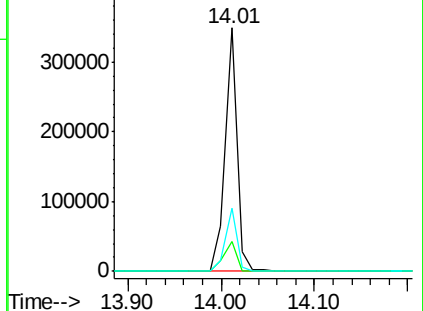
236 25.7 20.2 30.2



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: 78.38 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087732.D

Acq: 6 Jun 2016 3:22

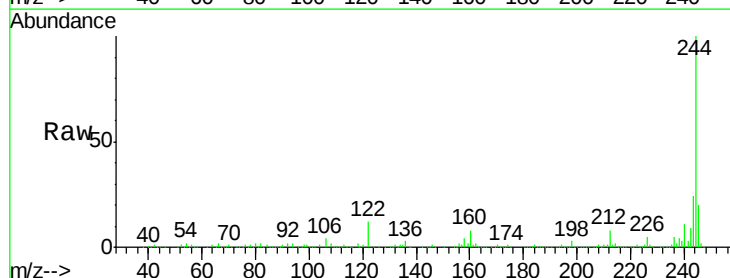
Tgt Ion:244 Resp: 989377

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

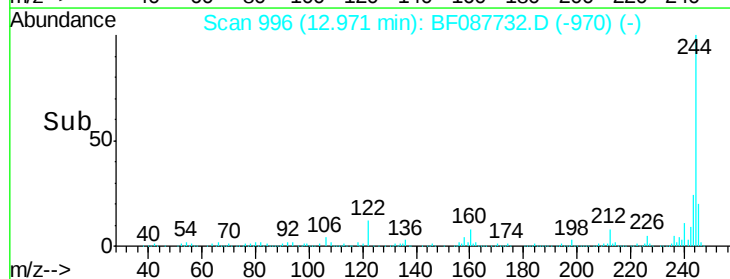
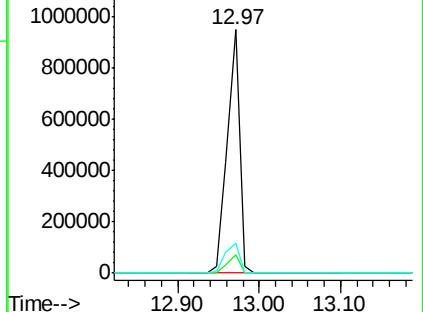
122 12.3 11.2 16.8

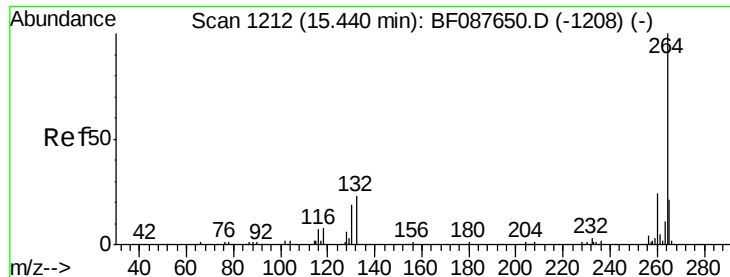


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

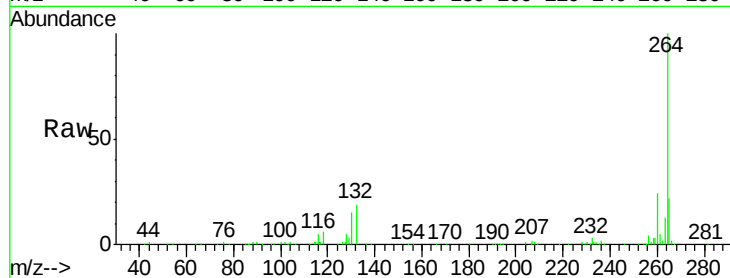




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087732.D
 Acq: 6 Jun 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	16.9	25.3



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

