

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087959.D
 Acq On : 12 Jun 2016 20:31
 Operator : UM/SJ
 Sample : H3467-04
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-20-WC-1

Quant Time: Jun 13 06:35:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 05:09:42 2016
 Response via : Initial Calibration

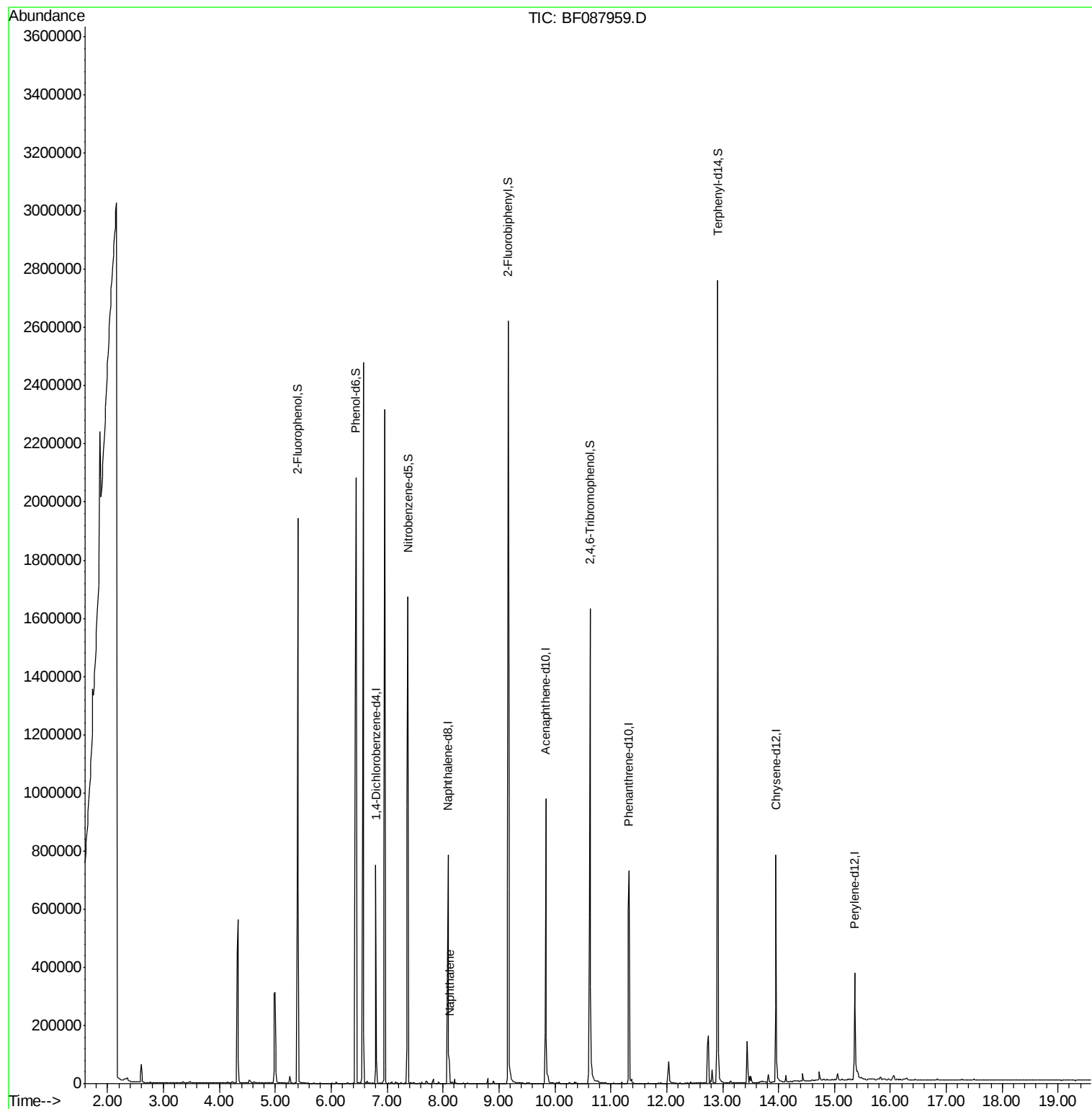
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105964	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	434284	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	209166	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	396512	20.00	ng	0.00
75) Chrysene-d12	13.95	240	296421	20.00	ng	-0.01
86) Perylene-d12	15.36	264	212307	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	699148	112.80	ng	0.02
7) Phenol-d6	6.44	99	962881	128.18	ng	0.00
23) Nitrobenzene-d5	7.37	82	670223	90.12	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	240388	108.84	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1100404	82.48	ng	-0.01
78) Terphenyl-d14	12.91	244	1021257	78.40	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	62191	2.89	ng	Qvalue 97

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

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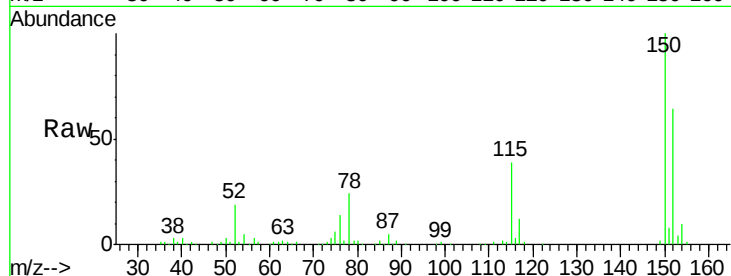


#1

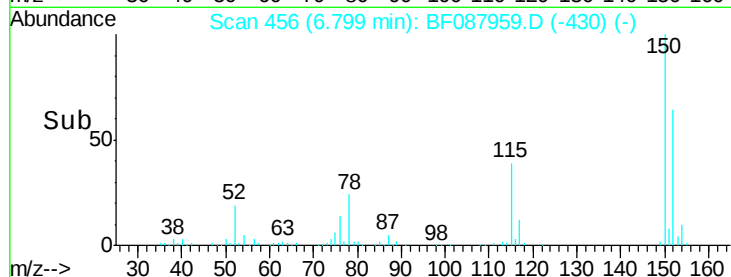
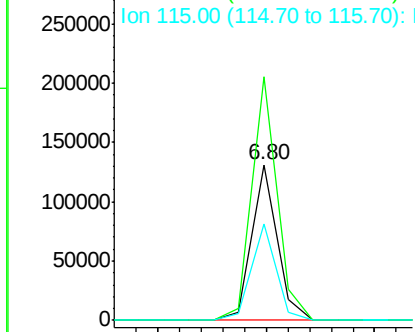
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087959.D
Acq: 12 Jun 2016 20:31

Instrument :
BNA_F
ClientSampled :
HF-20-WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.8	185.6
115	61.8	39.6	59.4



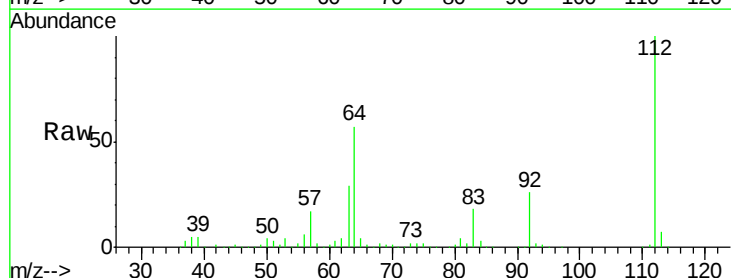
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



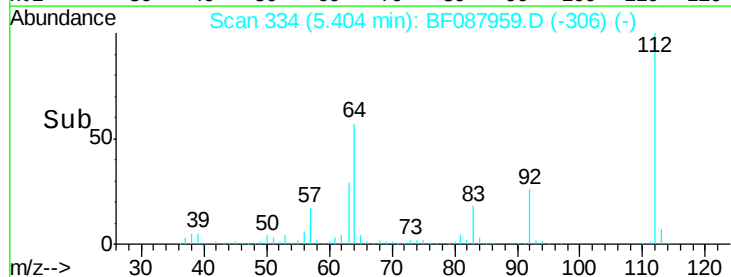
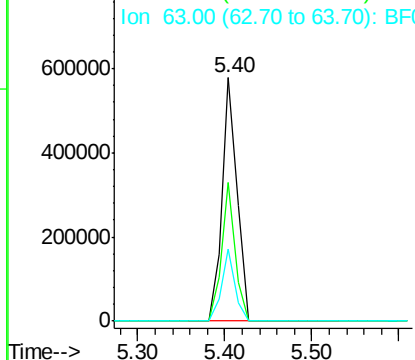
#5

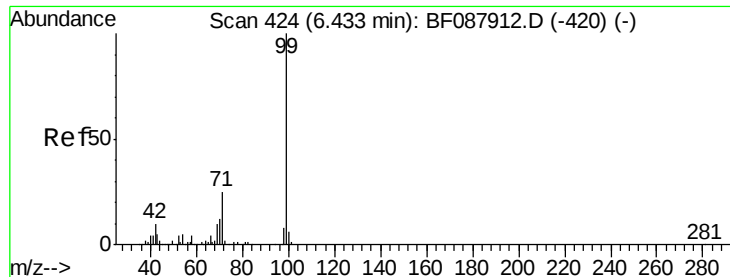
2-Fluorophenol
Concen: 112.80 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.02 min
Lab File: BF087959.D
Acq: 12 Jun 2016 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	42.2	63.2
63	29.4	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: 128.18 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF087959.D

Acq: 12 Jun 2016 20:31

Instrument :

BNA_F

ClientSampled :

HF-20-WC-1

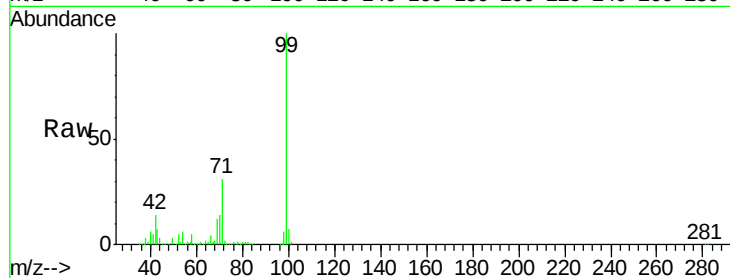
Tot Ion: 99 Resp: 962881

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.2

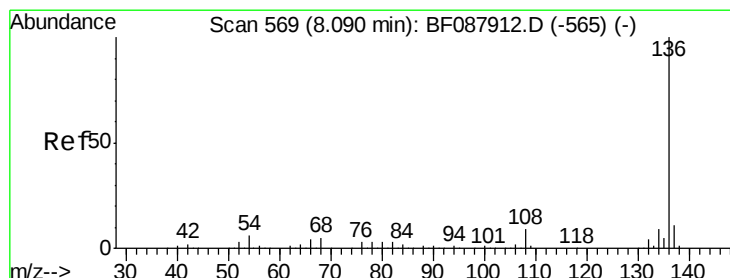
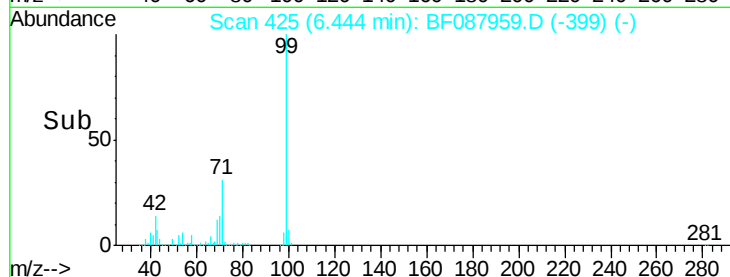
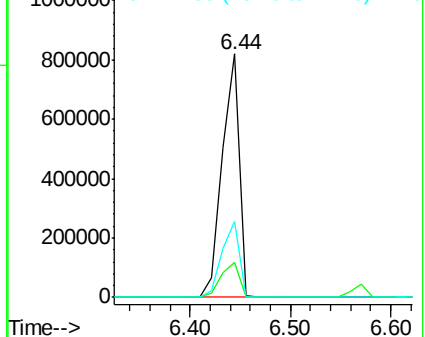
71 31.4 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF087959.D

Acq: 12 Jun 2016 20:31

Tgt Ion: 136 Resp: 434284

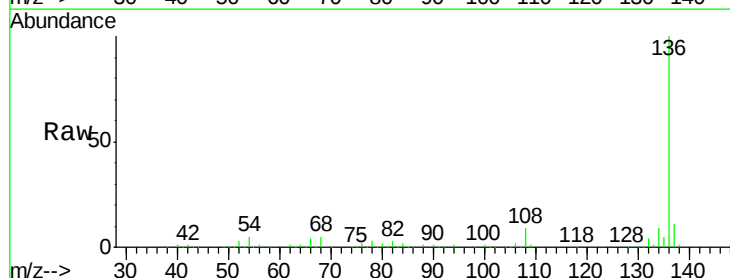
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.5 6.6 10.0#

68 4.7 5.1 7.7#

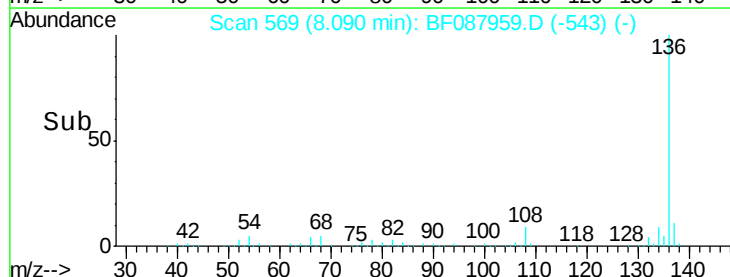
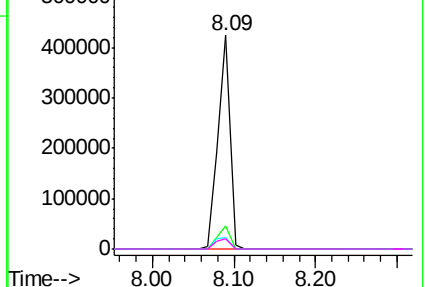


Abundance Ion 136.00 (135.70 to 136.70): E

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

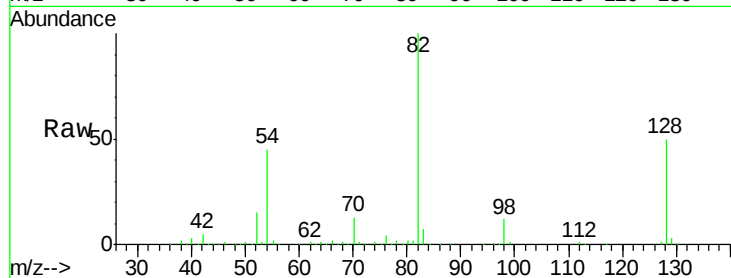




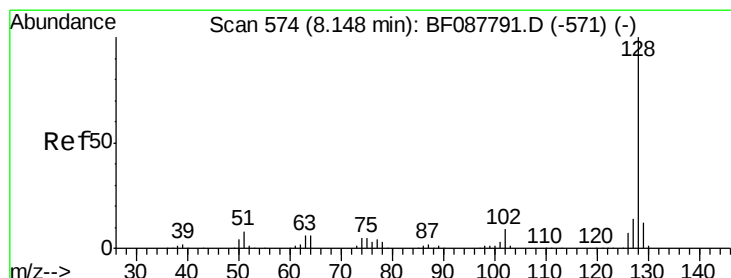
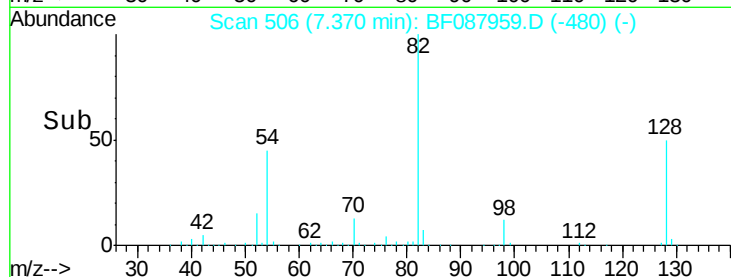
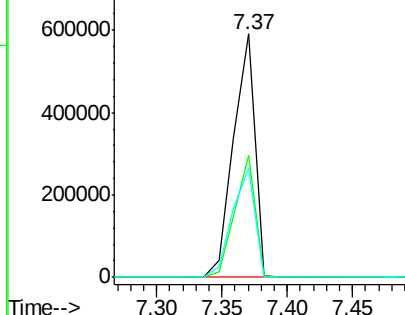
#23
Nitrobenzene-d5
Concen: 90.12 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF087959.D
Acq: 12 Jun 2016 20:31

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tot Ion: 82 Resp: 670223
Ion Ratio Lower Upper
82 100
128 49.9 35.9 53.9
54 44.9 40.9 61.3

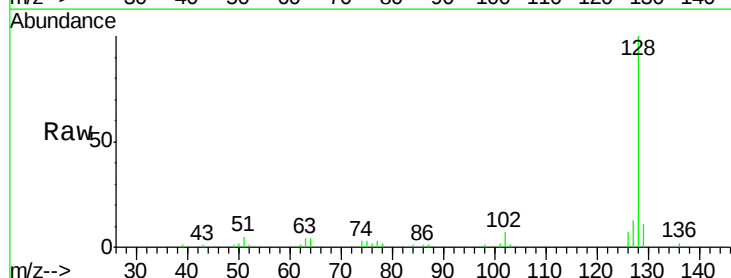


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

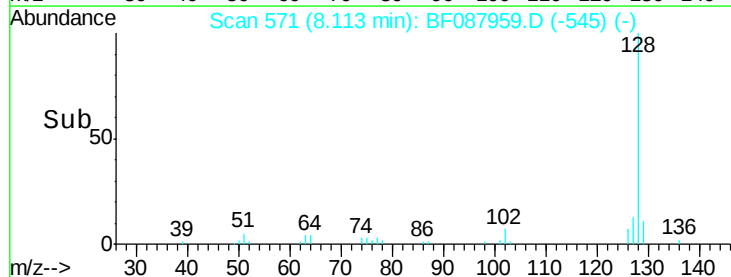
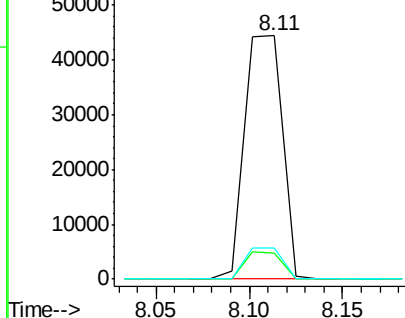


#31
Naphthalene
Concen: 2.89 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF087959.D
Acq: 12 Jun 2016 20:31

Tgt Ion: 128 Resp: 62191
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.2
127 12.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF087959.D

Acq: 12 Jun 2016 20:31

Instrument :

BNA_F

ClientSampleId :

HF-20-WC-1

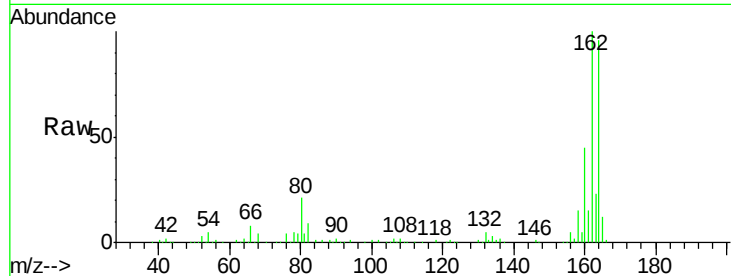
Tot Ion:164 Resp: 209166

Ion Ratio Lower Upper

164 100

162 104.2 85.4 128.2

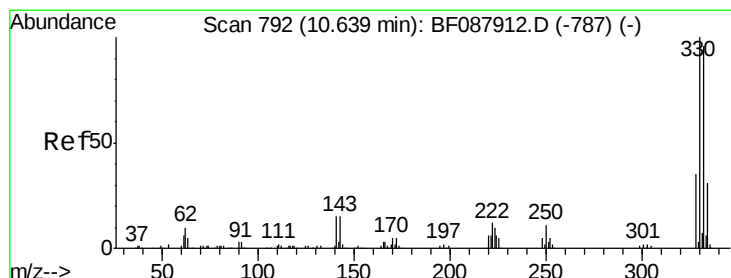
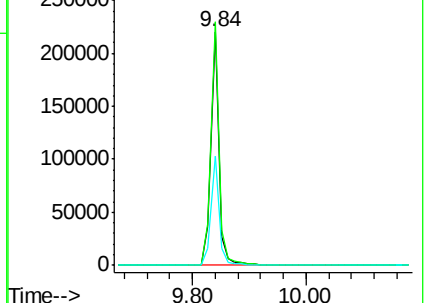
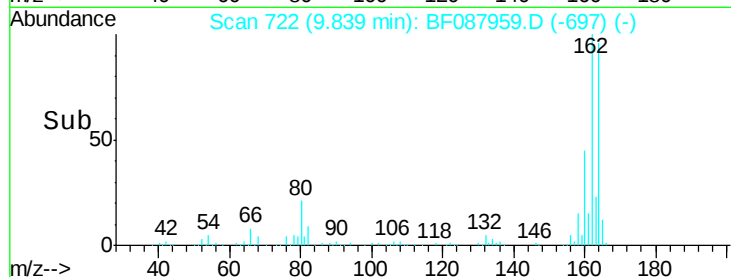
160 46.7 39.5 59.3



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: 108.84 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF087959.D

Acq: 12 Jun 2016 20:31

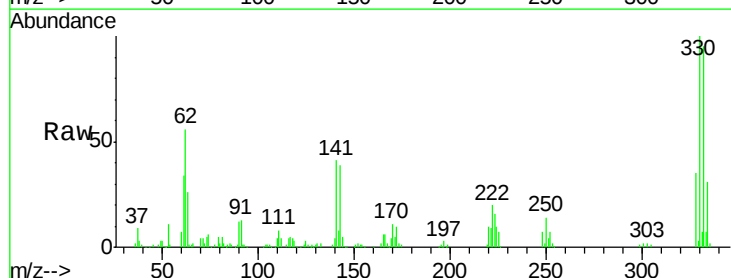
Tgt Ion:330 Resp: 240388

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

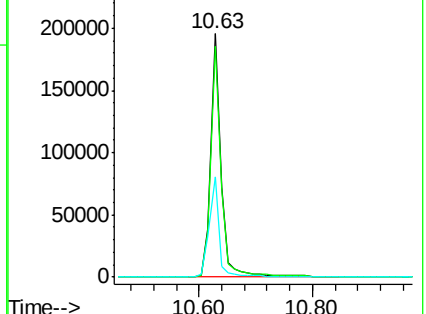
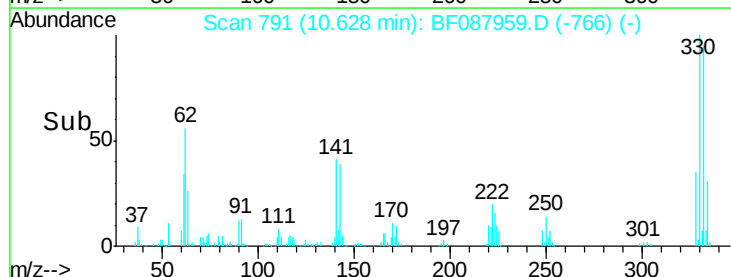
141 39.9 0.0 0.0#

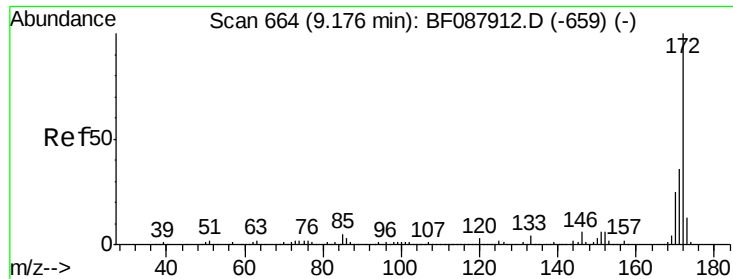


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



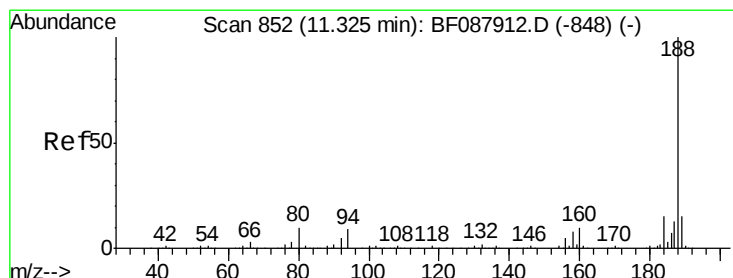
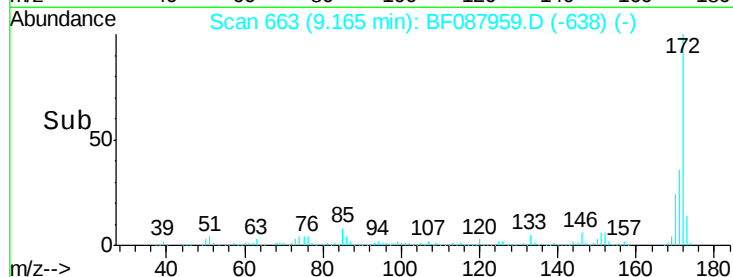
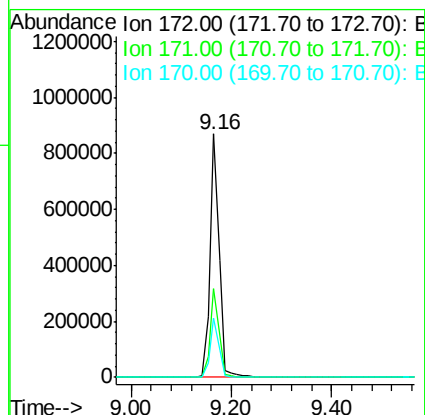
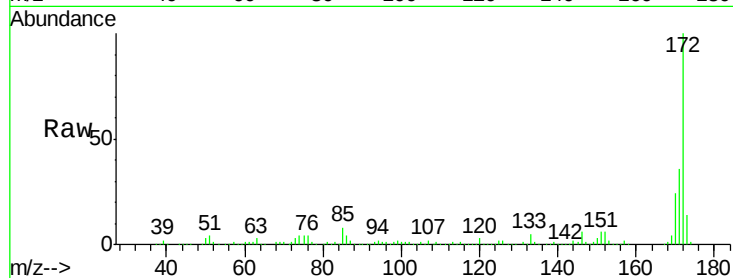


#44
 2-Fluorobiphenyl
 Concen: 82.48 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087959.D
 Acq: 12 Jun 2016 20:31

Instrument :
 BNA_F
 ClientSampleId :
 HF-20-WC-1

Tot Ion:172 Resp: 1100404

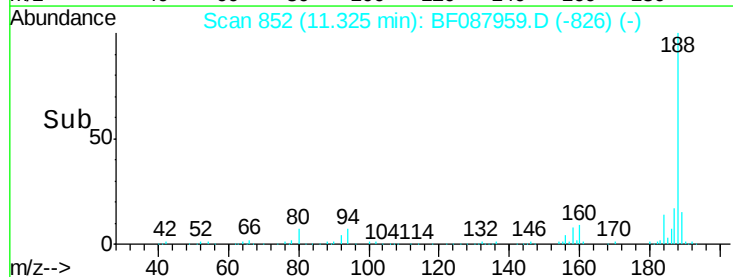
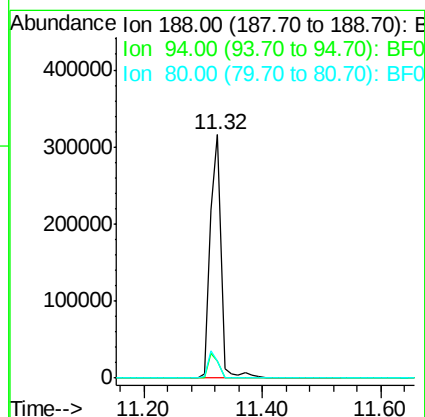
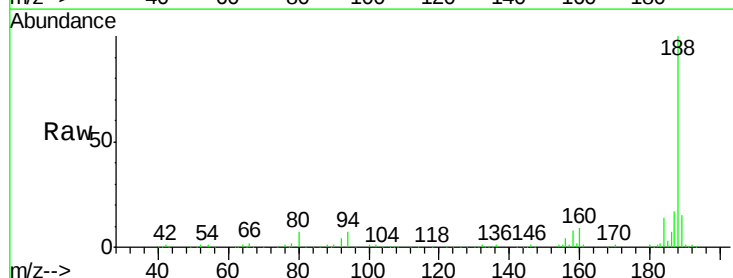
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.1	19.2	28.8

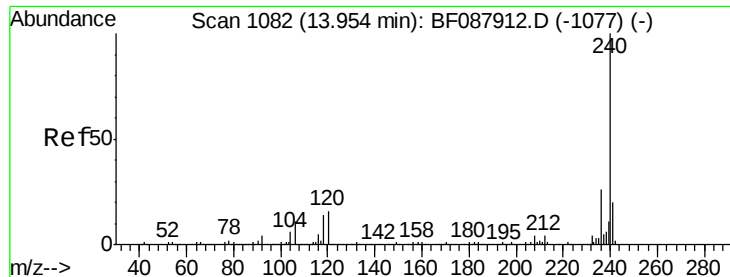


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF087959.D
 Acq: 12 Jun 2016 20:31

Tgt Ion:188 Resp: 396512

Ion	Ratio	Lower	Upper
188	100		
94	7.0	9.0	13.6#
80	6.8	10.0	15.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF087959.D

Acq: 12 Jun 2016 20:31

Instrument :

BNA_F

ClientSampleId :

HF-20-WC-1

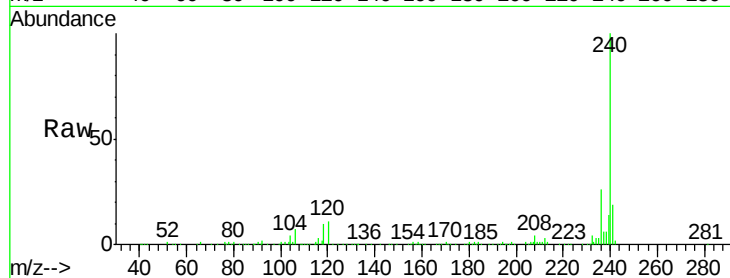
Tot Ion:240 Resp: 296421

Ion Ratio Lower Upper

240 100

120 10.9 6.8 10.2#

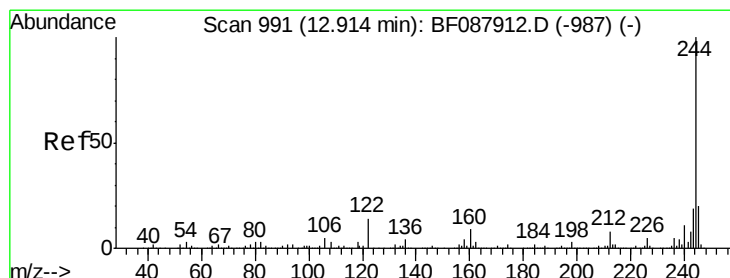
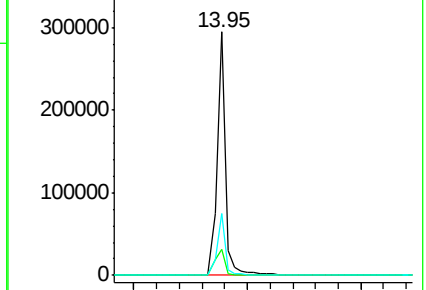
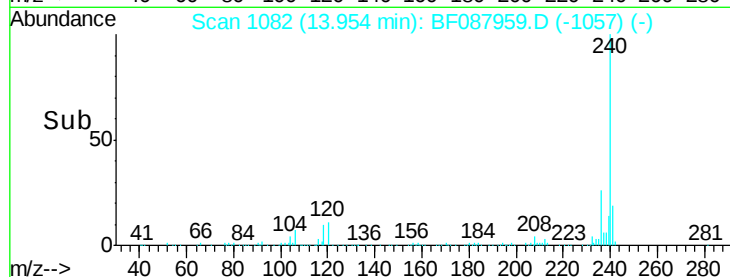
236 25.7 20.2 30.2



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: 78.40 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF087959.D

Acq: 12 Jun 2016 20:31

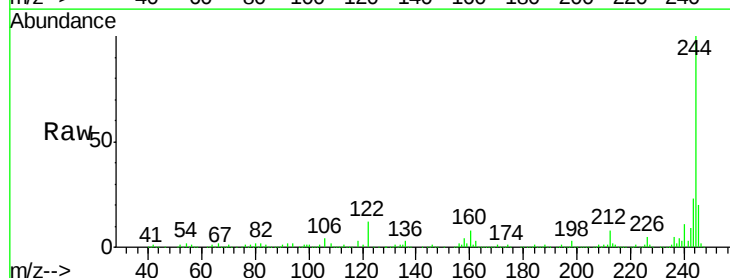
Tgt Ion:244 Resp: 1021257

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

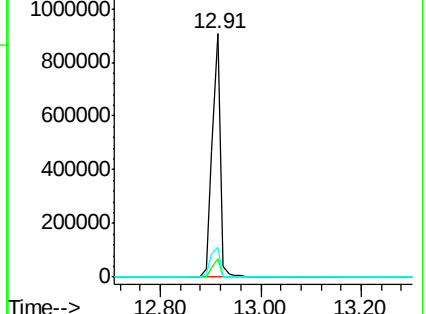
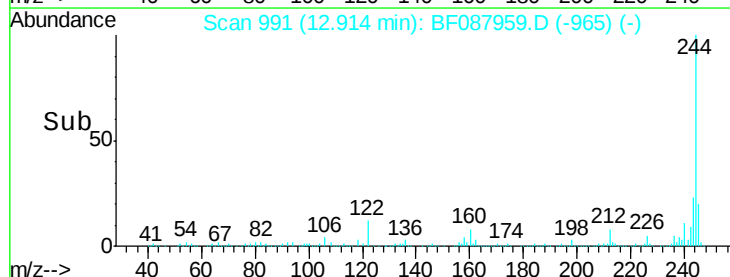
122 12.3 11.2 16.8

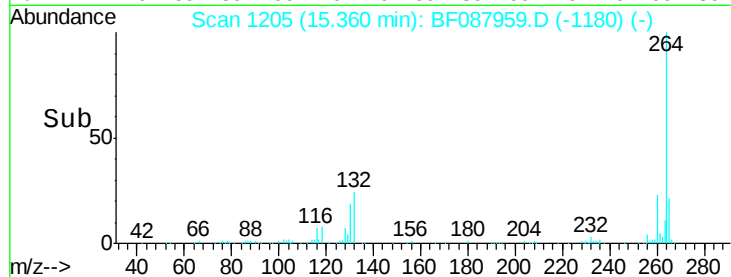
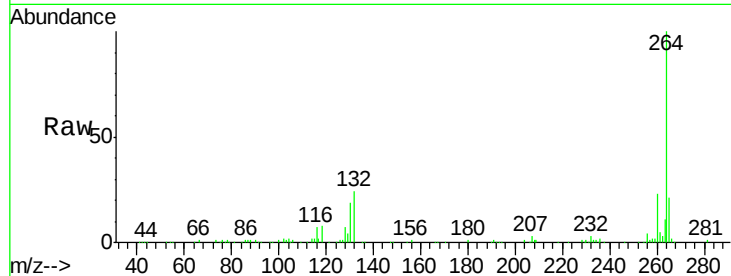
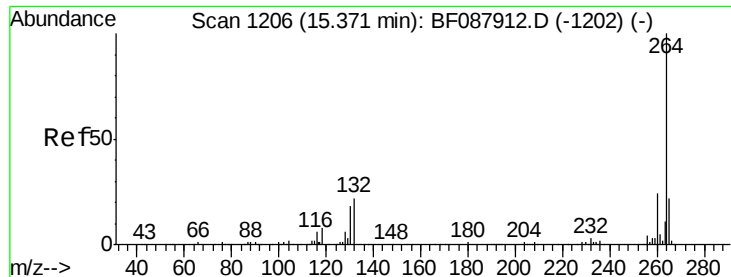


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF087959.D
 Acq: 12 Jun 2016 20:31

Instrument :
 BNA_F
 ClientSampleId :
 HF-20-WC-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	16.9	25.3

