

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087954.D
 Acq On : 12 Jun 2016 18:04
 Operator : UM/SJ
 Sample : H3490-05
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Quant Time: Jun 13 05:54:21 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

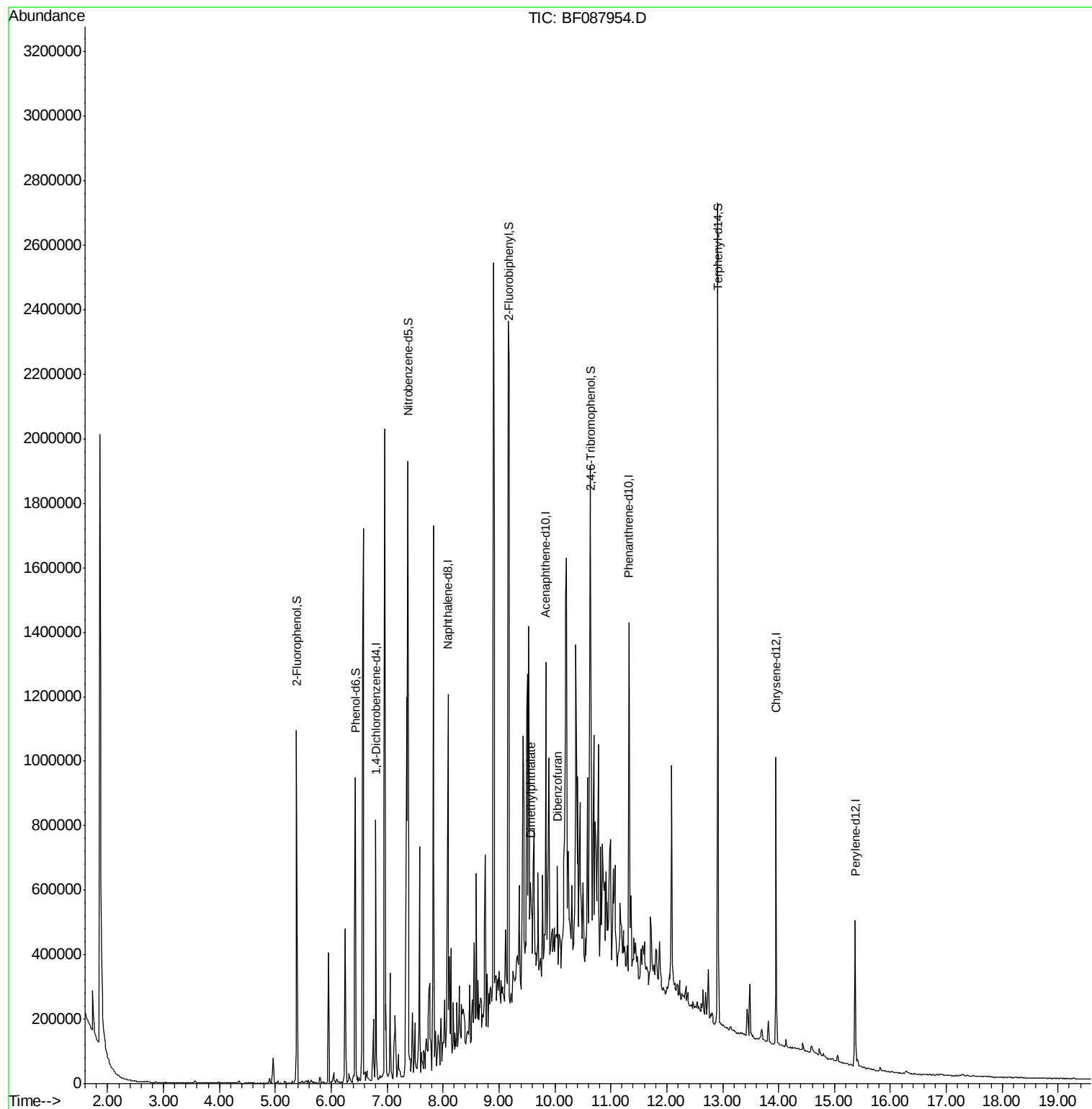
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	114350	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	472560	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	206518	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	381091	20.00	ng	0.00
75) Chrysene-d12	13.95	240	286597	20.00	ng	-0.01
86) Perylene-d12	15.37	264	235437	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	358937	53.66	ng	0.00
7) Phenol-d6	6.43	99	374033	46.14	ng	-0.01
23) Nitrobenzene-d5	7.37	82	580708	71.76	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	236955	108.66	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1160459	88.50	ng	0.00
78) Terphenyl-d14	12.91	244	852062	67.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	31893	2.13	ng	# 63
54) Dibenzofuran	10.04	168	49591	2.72	ng	# 81

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

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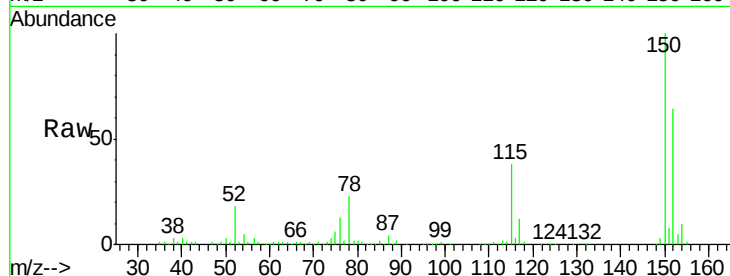


#1

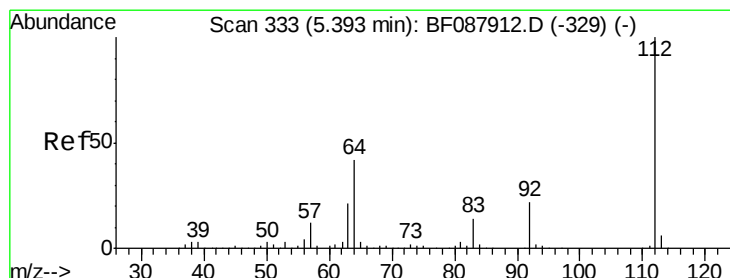
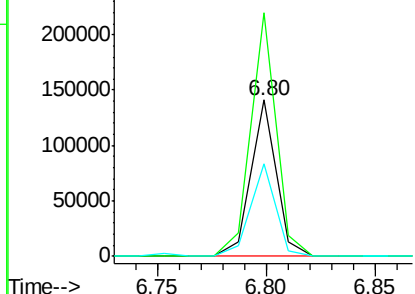
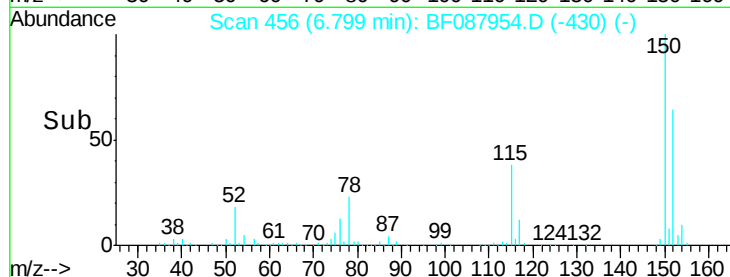
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087954.D
Acq: 12 Jun 2016 18:04

Instrument :
BNA_F
ClientSampleId :
W-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.8	185.6
115	59.1	39.6	59.4



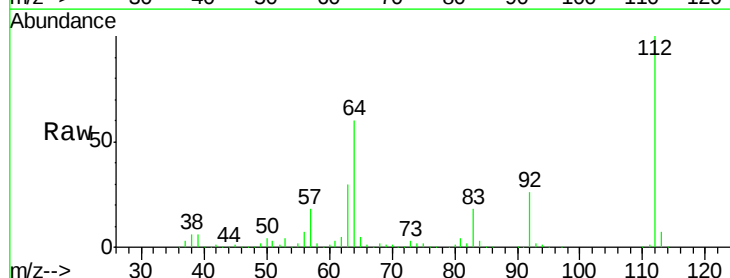
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



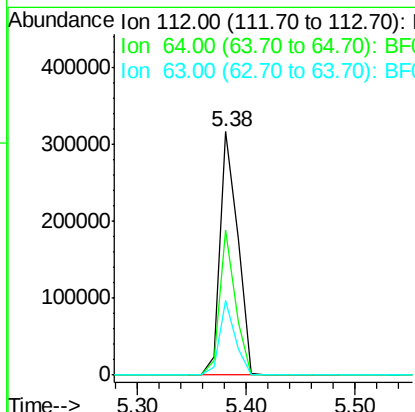
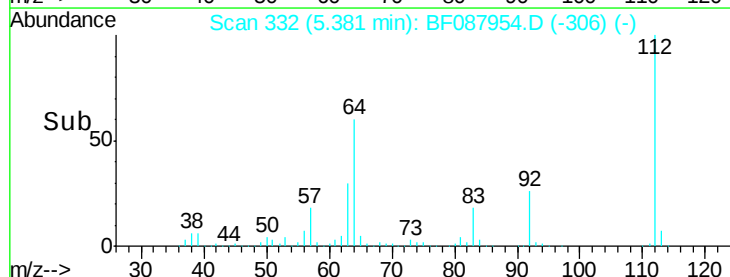
#5

2-Fluorophenol
Concen: 53.66 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.00 min
Lab File: BF087954.D
Acq: 12 Jun 2016 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	42.2	63.2
63	30.4	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: 46.14 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087954.D

Acq: 12 Jun 2016 18:04

Instrument :

BNA_F

ClientSampled :

W-03

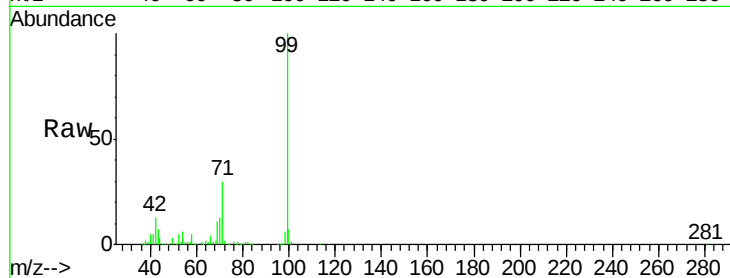
Tot Ion: 99 Resp: 374033

Ion Ratio Lower Upper

99 100

42 13.2 12.2 18.2

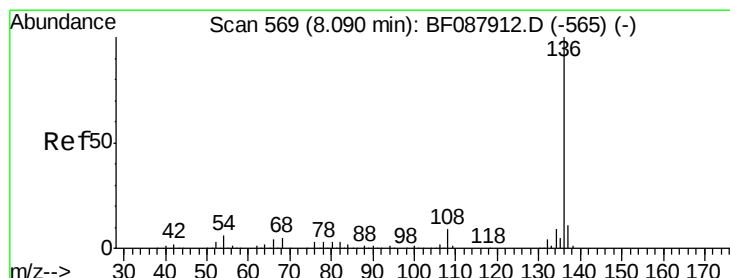
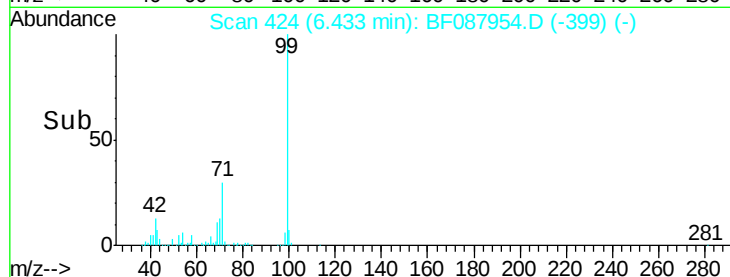
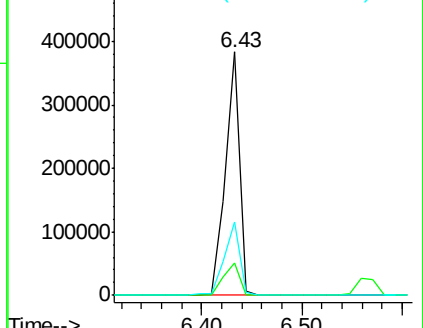
71 30.3 23.4 35.0



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: BF087954.D

Acq: 12 Jun 2016 18:04

Tgt Ion: 136 Resp: 472560

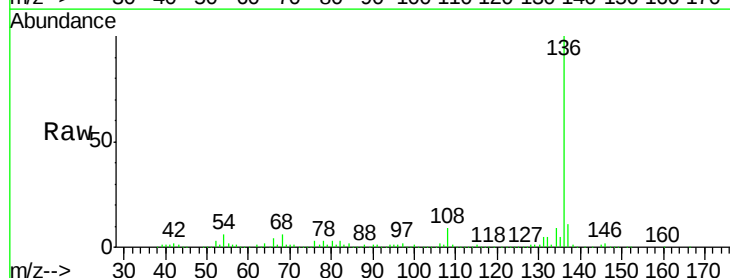
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.4 6.6 10.0#

68 5.6 5.1 7.7

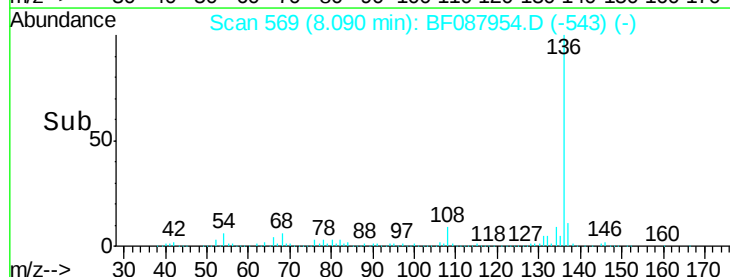
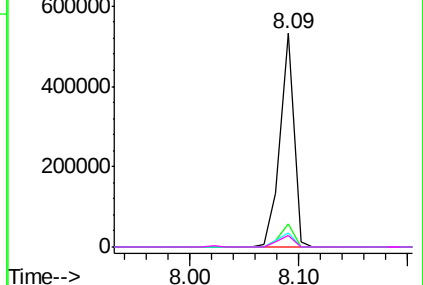


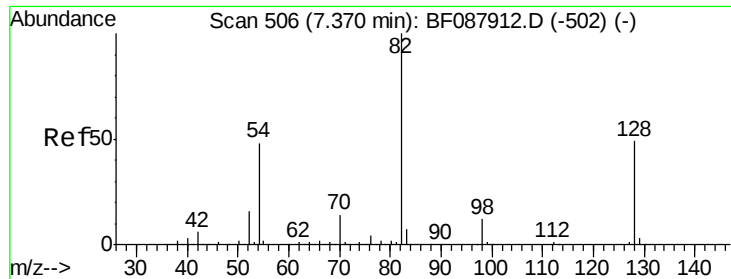
Abundance Ion 136.00 (135.70 to 136.70): E

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

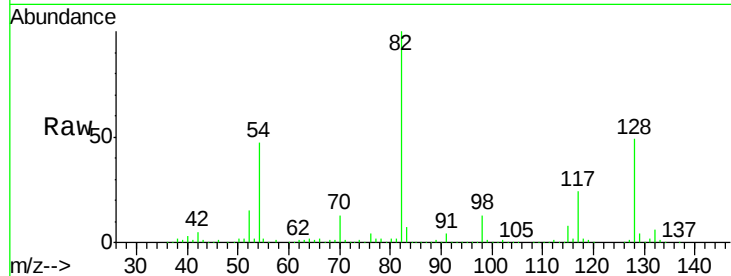




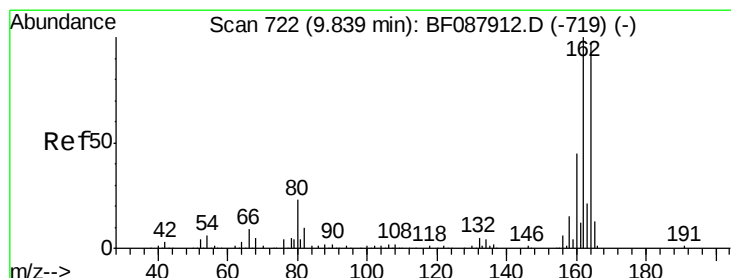
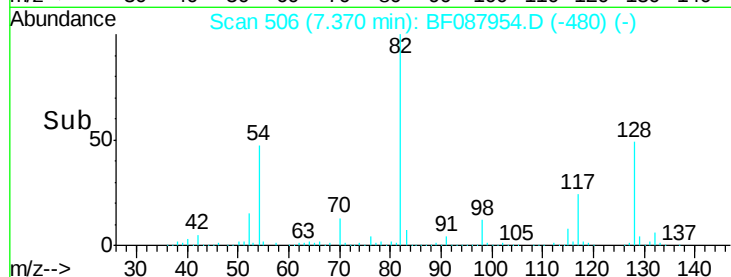
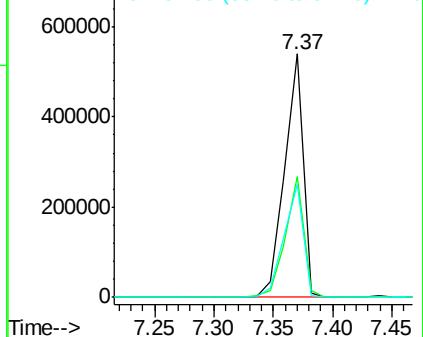
#23
Nitrobenzene-d5
Concen: 71.76 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF087954.D
Acq: 12 Jun 2016 18:04

Instrument :
BNA_F
ClientSampleId :
W-03

Tot Ion	82	Resp	580708
Ion Ratio	Lower	Upper	
82	100		
128	49.3	35.9	53.9
54	46.6	40.9	61.3

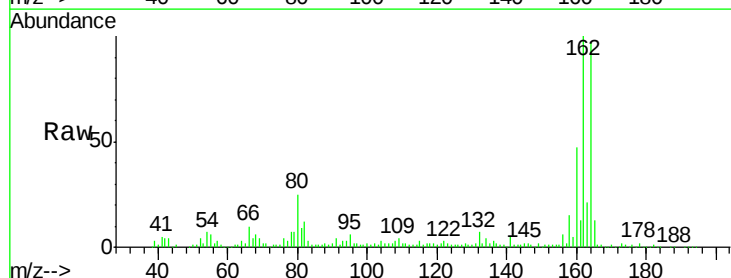


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

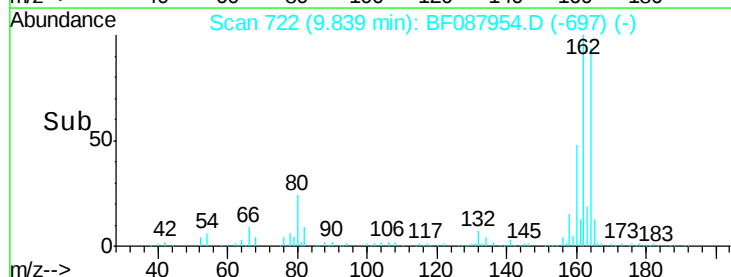
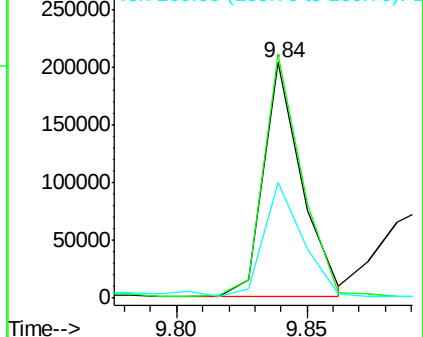


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087954.D
Acq: 12 Jun 2016 18:04

Tgt Ion	164	Resp	206518
Ion Ratio	Lower	Upper	
164	100		
162	103.3	85.4	128.2
160	48.9	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

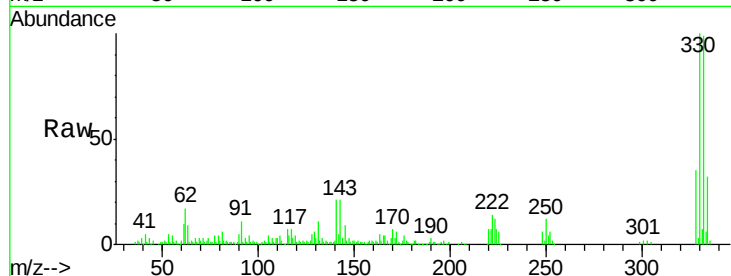




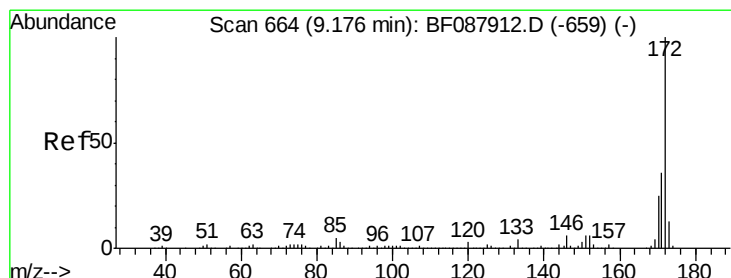
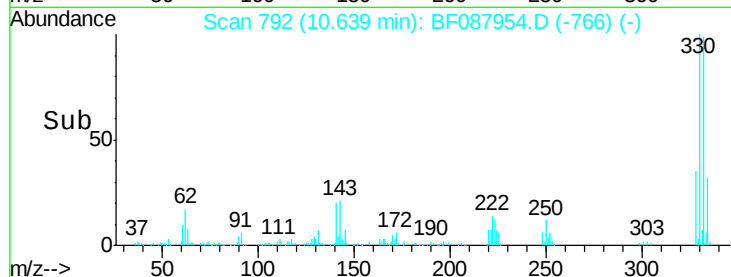
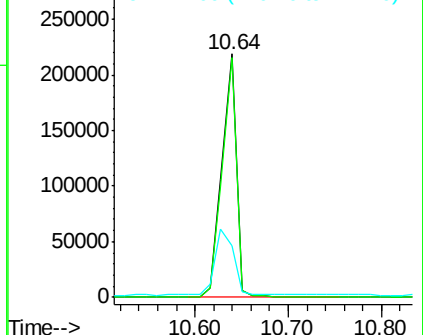
#41
 2,4,6-Tribromophenol
 Concen: 108.66 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF087954.D
 Acq: 12 Jun 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	35.8	0.0	0.0#

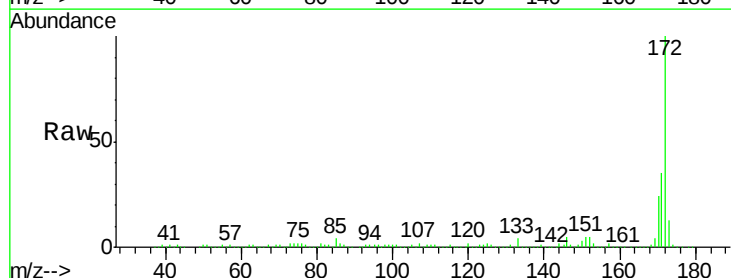


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

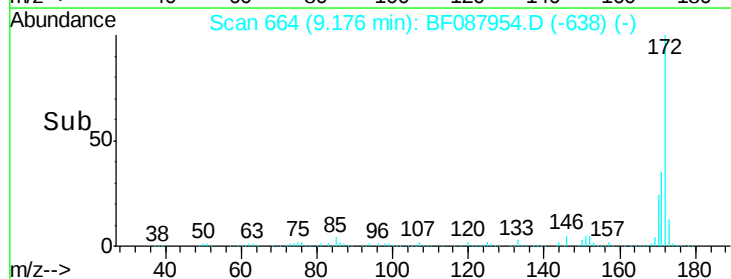
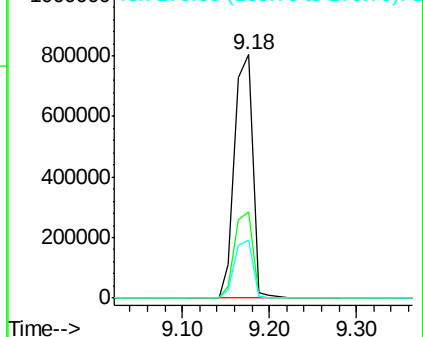


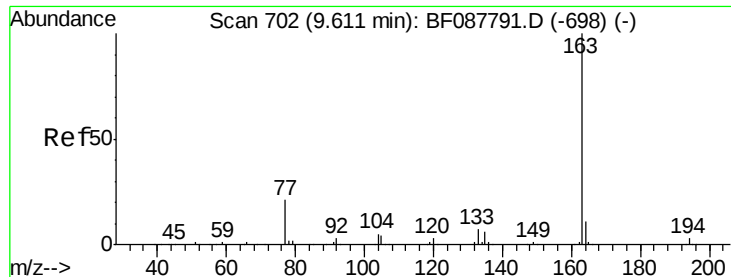
#44
 2-Fluorobiphenyl
 Concen: 88.50 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087954.D
 Acq: 12 Jun 2016 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.8	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

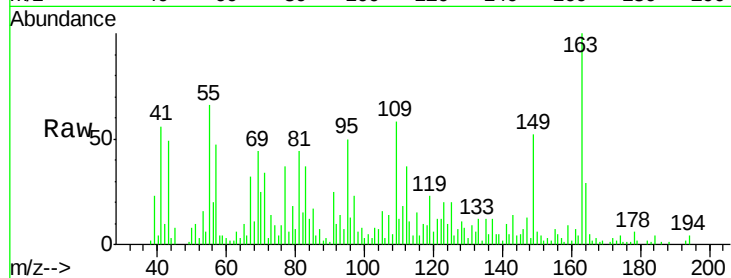




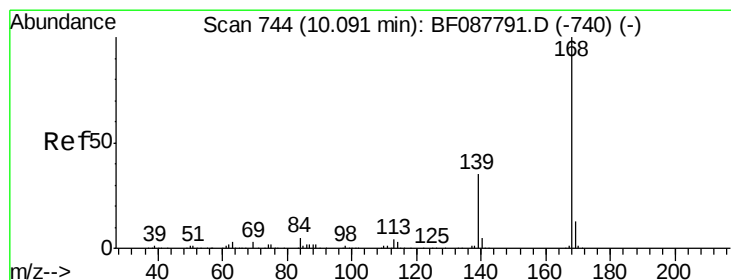
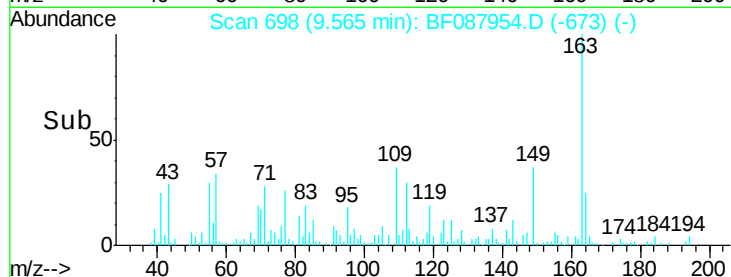
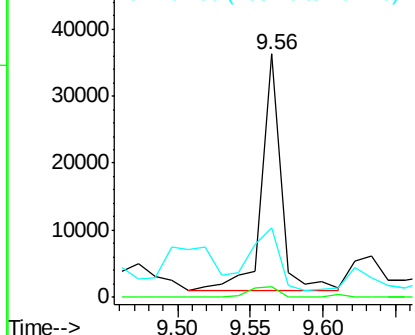
#49
Dimethylphthalate
Concen: 2.13 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF087954.D
Acq: 12 Jun 2016 18:04

Instrument :
BNA_F
ClientSampleId :
W-03

Tot Ion:163 Resp: 31893
Ion Ratio Lower Upper
163 100
194 4.2 2.8 4.2#
164 28.7 8.3 12.5#

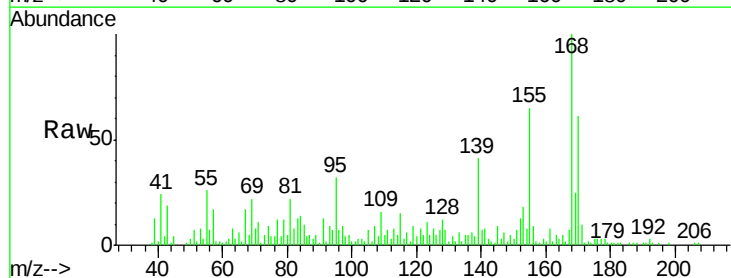


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

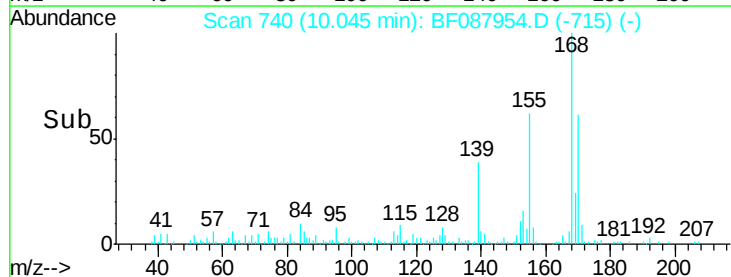
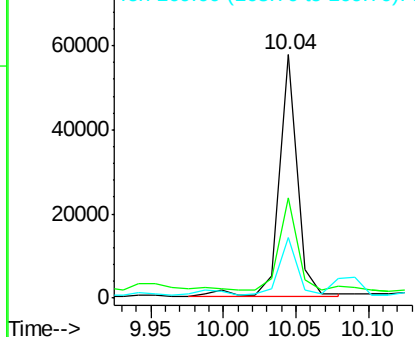


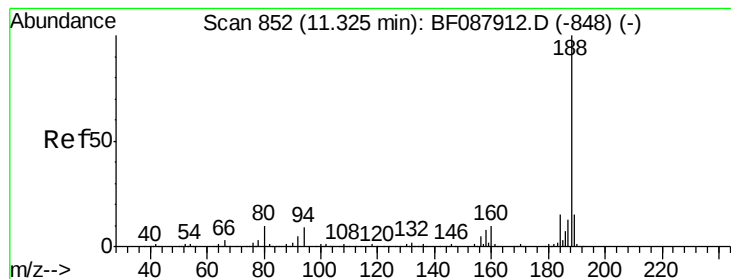
#54
Dibenzofuran
Concen: 2.72 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF087954.D
Acq: 12 Jun 2016 18:04

Tgt Ion:168 Resp: 49591
Ion Ratio Lower Upper
168 100
139 41.3 26.4 39.6#
169 24.7 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF087954.D

Acq: 12 Jun 2016 18:04

Instrument :

BNA_F

ClientSampleId :

W-03

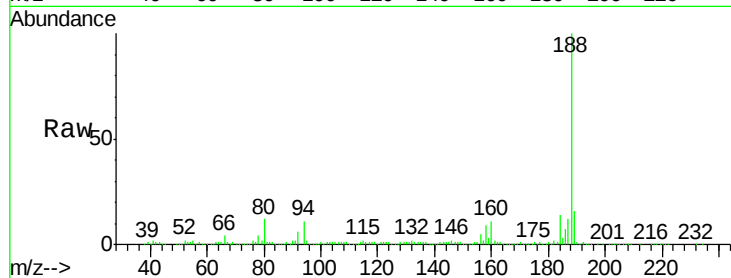
Tot Ion:188 Resp: 381091

Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.6

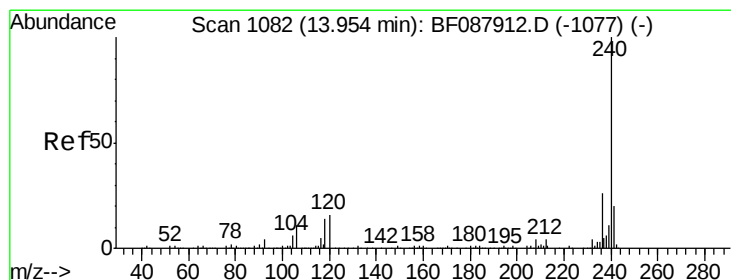
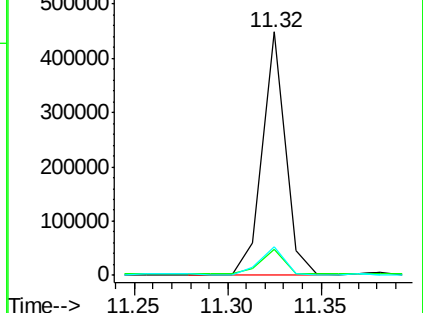
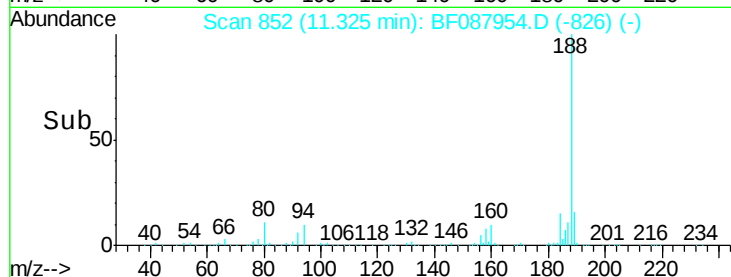
80 11.5 10.0 15.0



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: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF087954.D

Acq: 12 Jun 2016 18:04

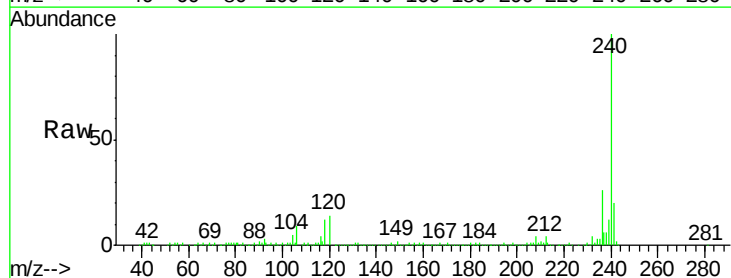
Tgt Ion:240 Resp: 286597

Ion Ratio Lower Upper

240 100

120 13.8 6.8 10.2#

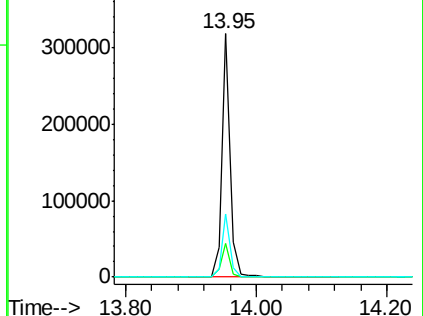
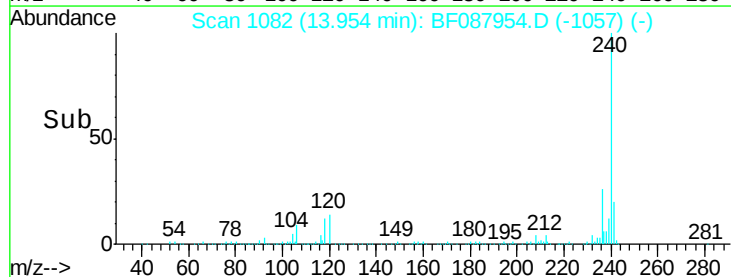
236 26.1 20.2 30.2

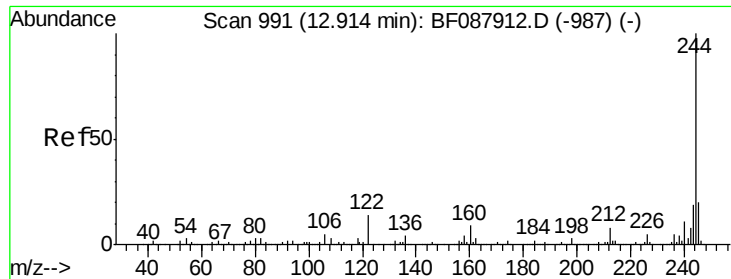


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

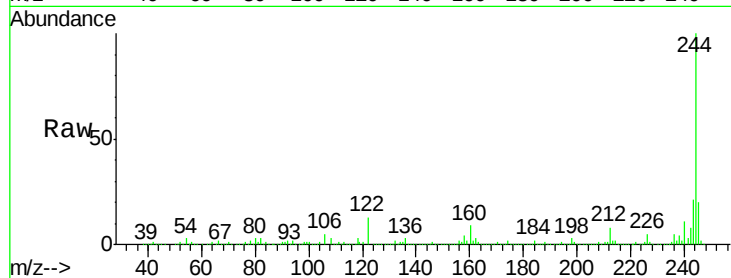




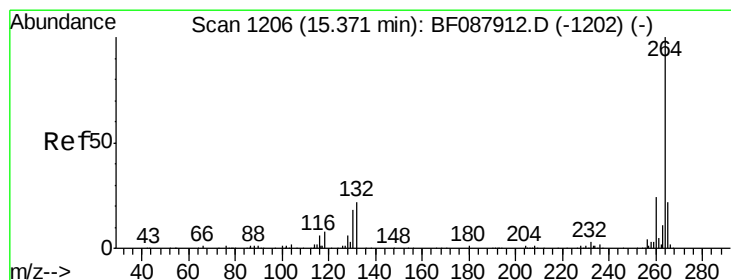
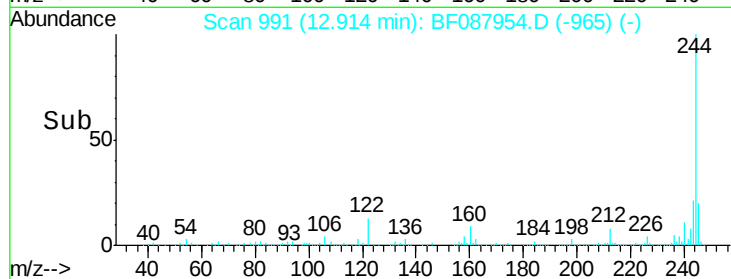
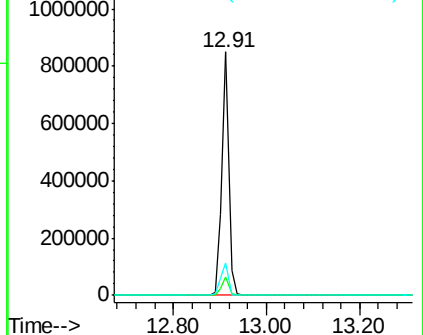
#78
 Terphenyl-d14
 Concen: 67.65 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF087954.D
 Acq: 12 Jun 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Tot Ion:244 Resp: 852062
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.5 11.2 16.8

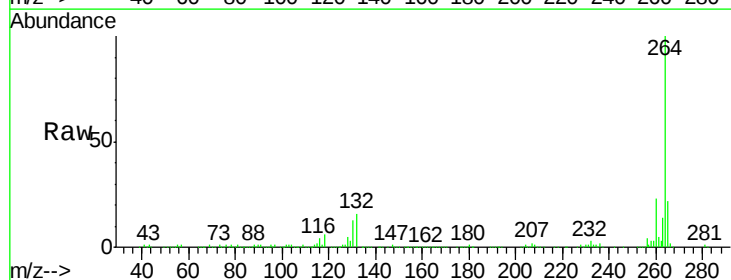


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF087954.D
 Acq: 12 Jun 2016 18:04

Tgt Ion:264 Resp: 235437
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.6 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

