

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087936.D
 Acq On : 12 Jun 2016 8:46
 Operator : UM/SJ
 Sample : H3504-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Jun 13 02:09:11 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 01:40:32 2016
 Response via : Initial Calibration

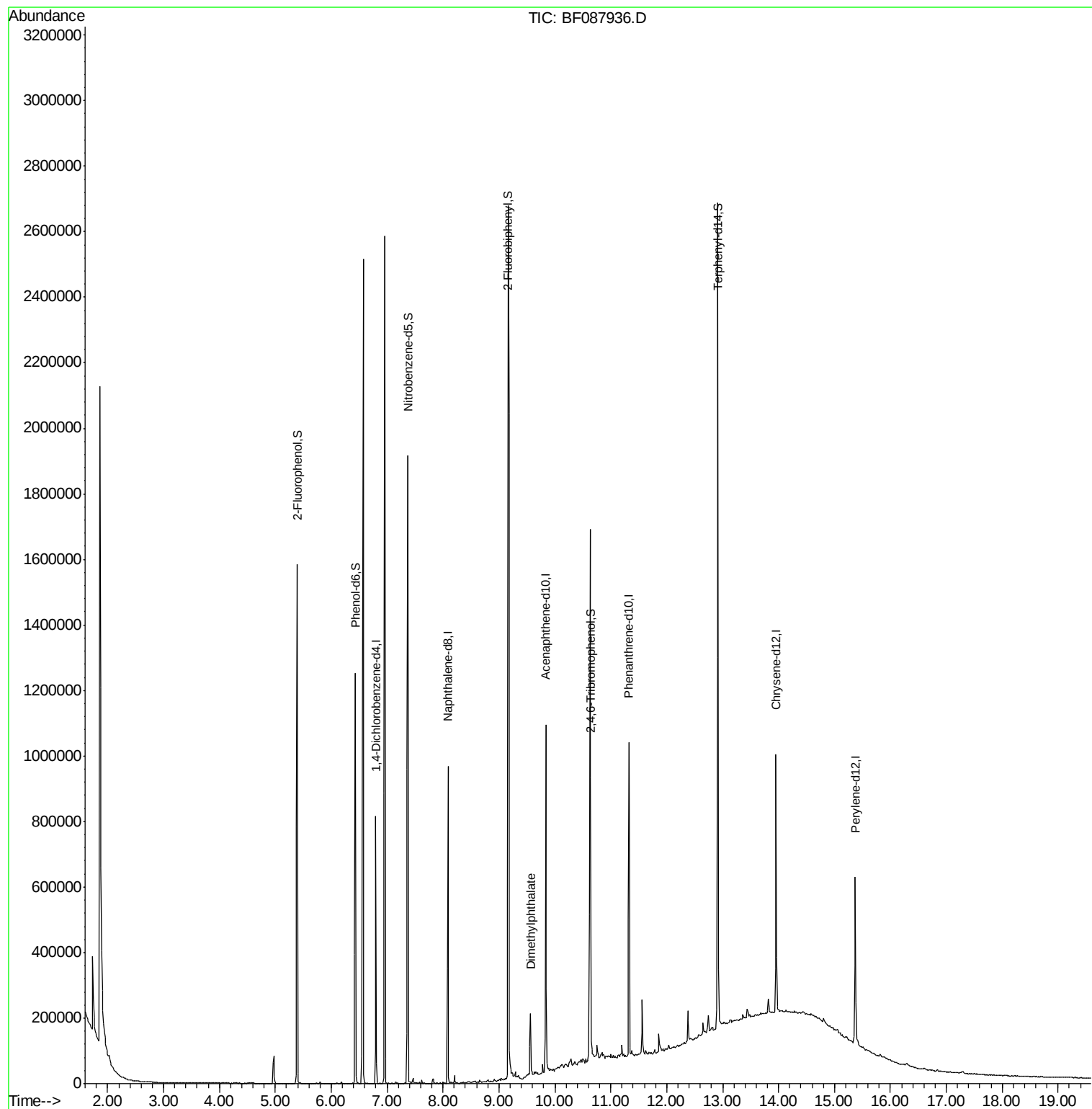
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116184	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	480022	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	219055	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	392476	20.00	ng	0.00
75) Chrysene-d12	13.95	240	268282	20.00	ng	-0.01
86) Perylene-d12	15.37	264	230434	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	511450	75.26	ng	0.00
7) Phenol-d6	6.43	99	452196	54.90	ng	-0.01
23) Nitrobenzene-d5	7.37	82	738367	89.82	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	293726	126.99	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1336338	96.59	ng	-0.01
78) Terphenyl-d14	12.91	244	893288	75.77	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.56	163	103079	6.50	ng	Qvalue 98

(#) = 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: BF087936.D

Acq: 12 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

MW-4

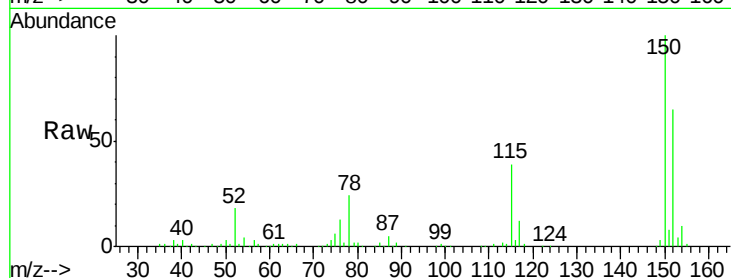
Tot Ion:152 Resp: 116184

Ion Ratio Lower Upper

152 100

150 154.9 123.8 185.6

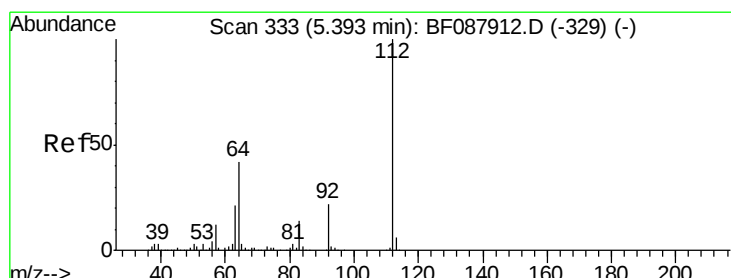
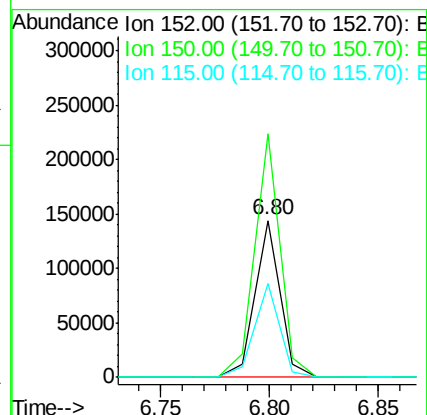
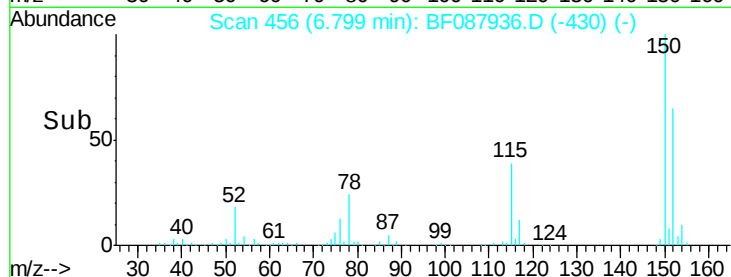
115 59.8 39.6 59.4#



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: 75.26 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF087936.D

Acq: 12 Jun 2016 8:46

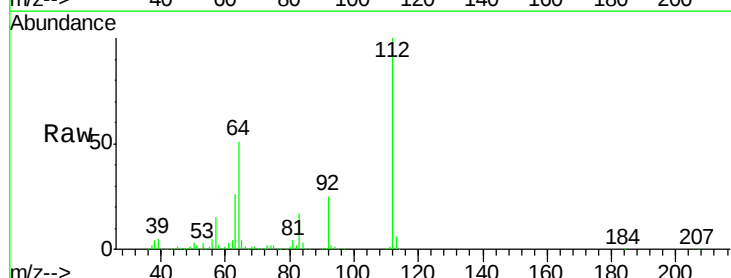
Tgt Ion:112 Resp: 511450

Ion Ratio Lower Upper

112 100

64 51.1 42.2 63.2

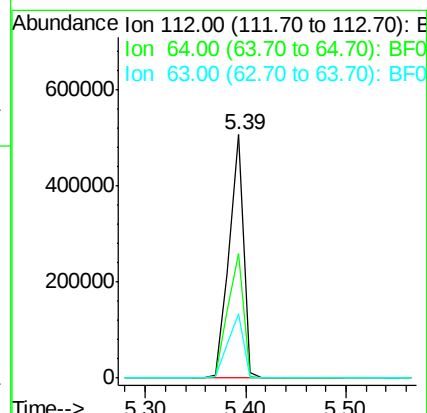
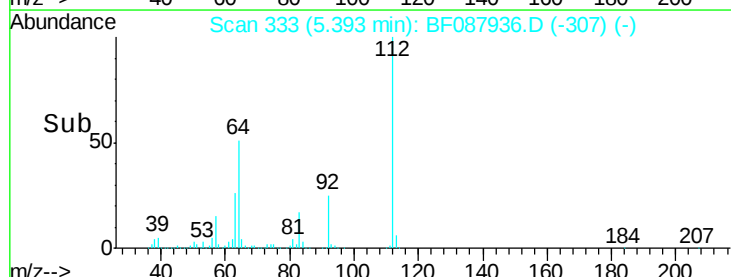
63 26.4 21.8 32.8



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: 54.90 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087936.D

Acq: 12 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

MW-4

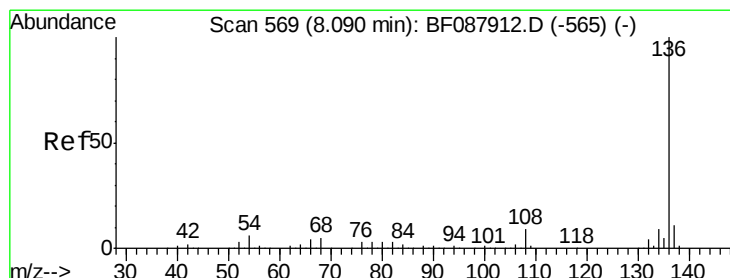
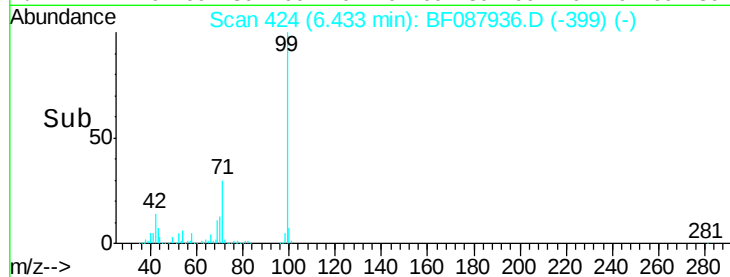
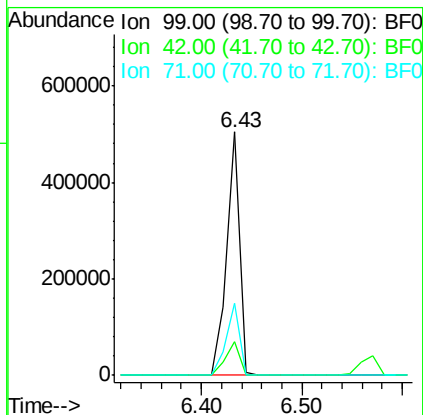
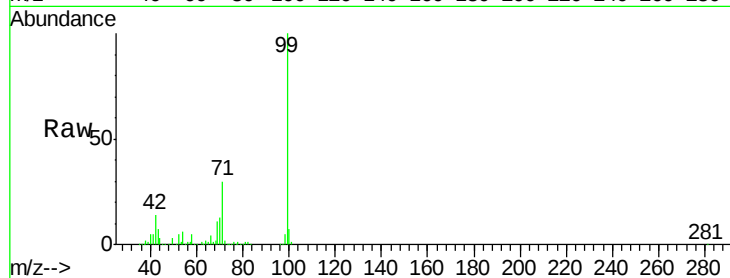
Tot Ion: 99 Resp: 452196

Ion Ratio Lower Upper

99 100

42 14.1 12.2 18.2

71 29.8 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF087936.D

Acq: 12 Jun 2016 8:46

Tgt Ion: 136 Resp: 480022

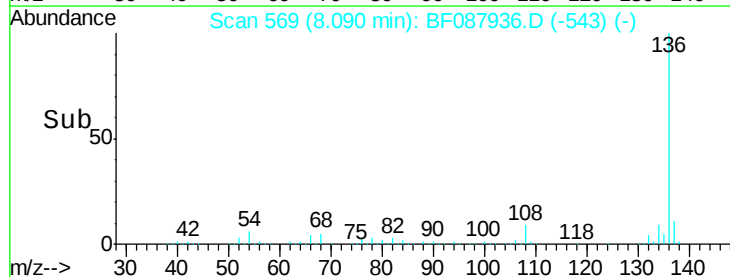
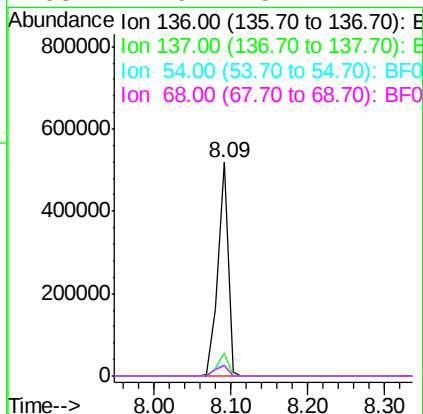
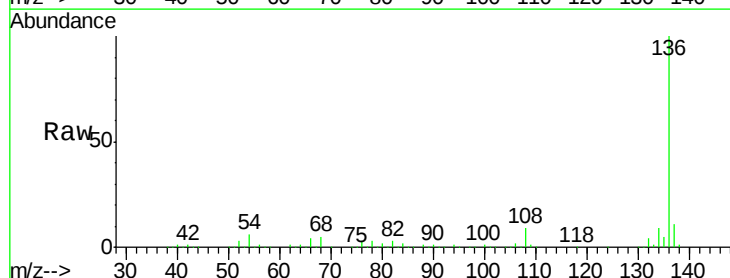
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.7 6.6 10.0#

68 4.9 5.1 7.7#

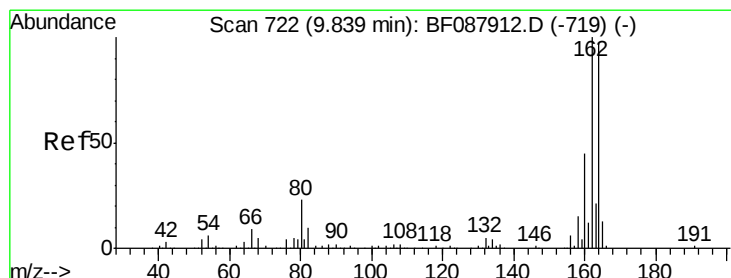
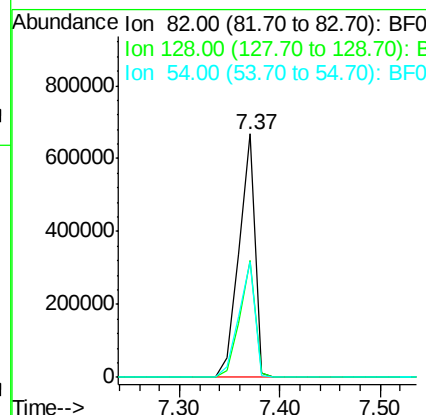
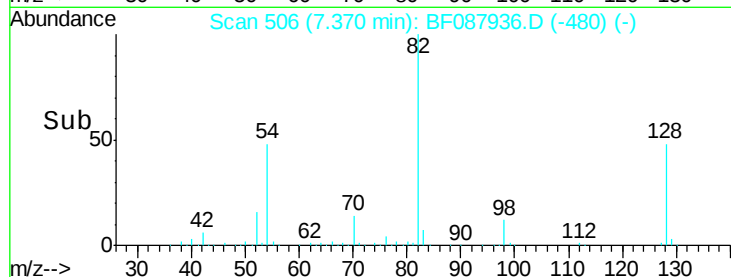
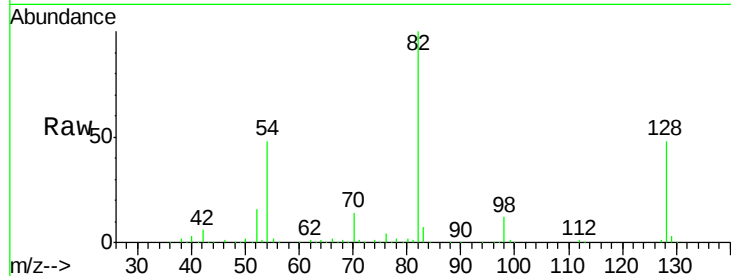




#23
 Nitrobenzene-d5
 Concen: 89.82 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF087936.D
 Acq: 12 Jun 2016 8:46

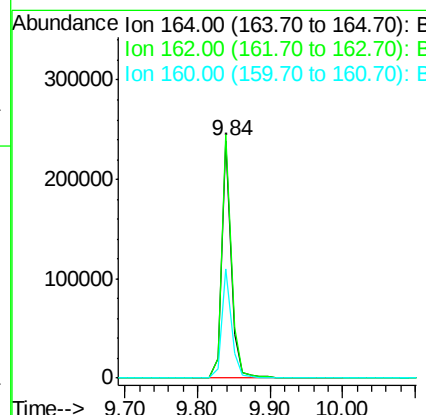
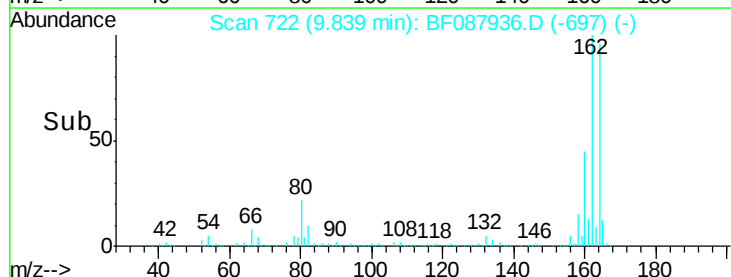
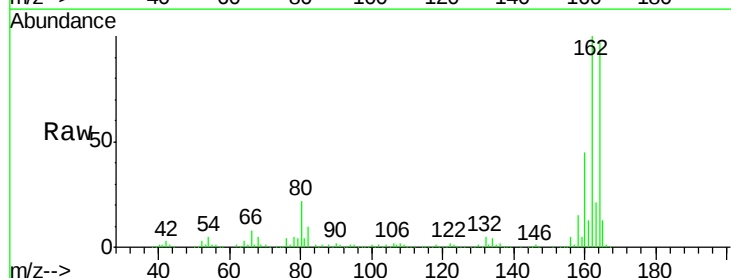
Instrument :
 BNA_F
 ClientSampled :
 MW-4

Tot Ion	82	Resp	738367
Ion Ratio	100	Lower	Upper
128	47.9	35.9	53.9
54	47.6	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087936.D
 Acq: 12 Jun 2016 8:46

Tgt Ion	164	Resp	219055
Ion Ratio	100	Lower	Upper
162	102.6	85.4	128.2
160	46.0	39.5	59.3

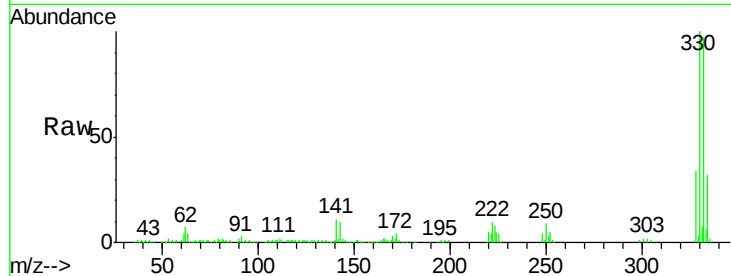




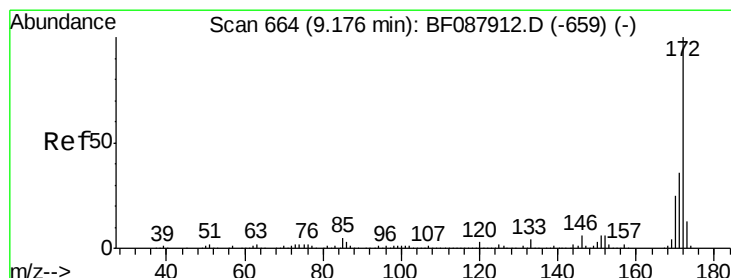
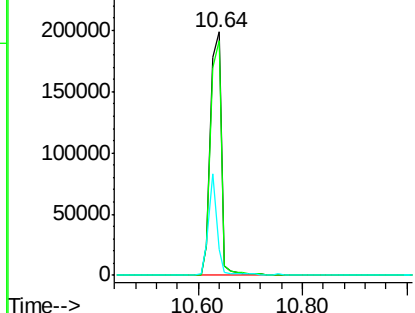
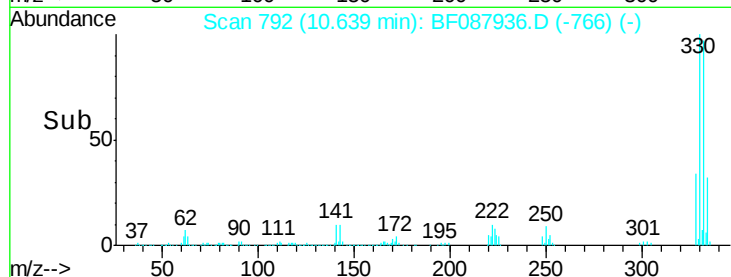
#41
 2,4,6-Tribromophenol
 Concen: 126.99 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF087936.D
 Acq: 12 Jun 2016 8:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	32.1	0.0	0.0#

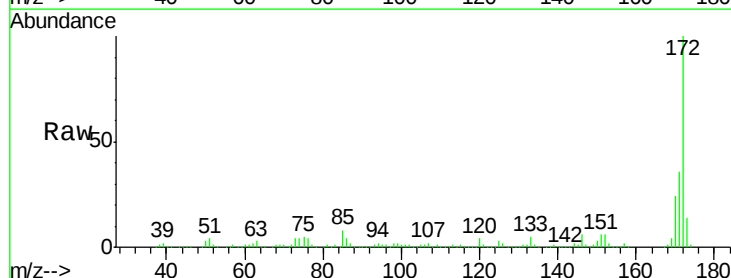


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

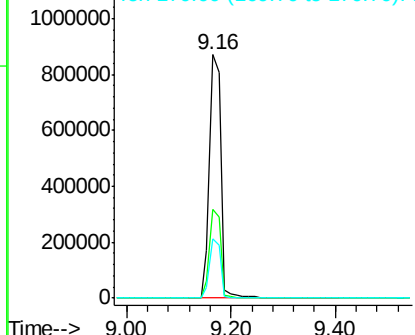
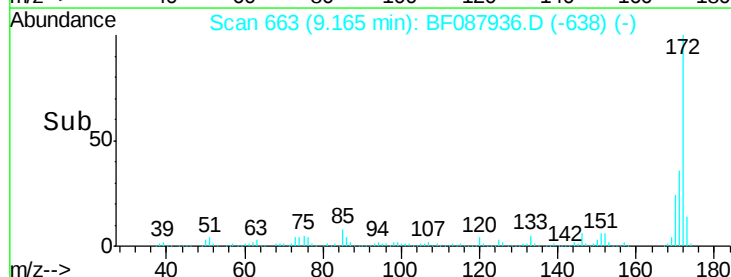


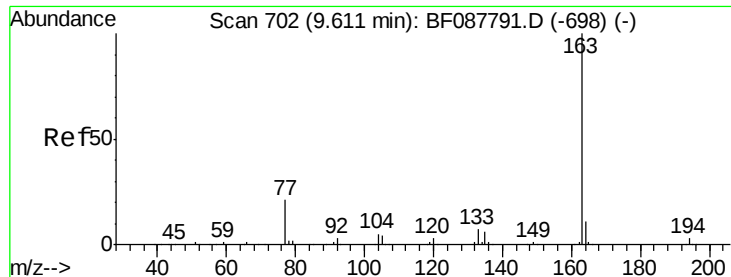
#44
 2-Fluorobiphenyl
 Concen: 96.59 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087936.D
 Acq: 12 Jun 2016 8:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.4	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

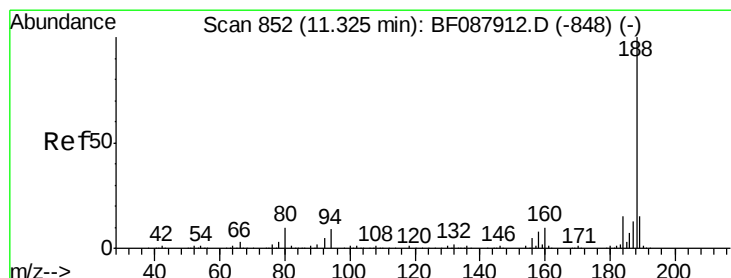
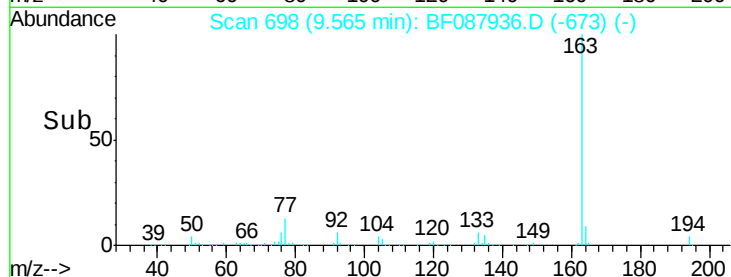
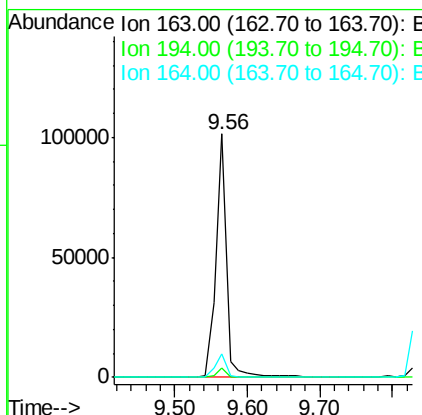
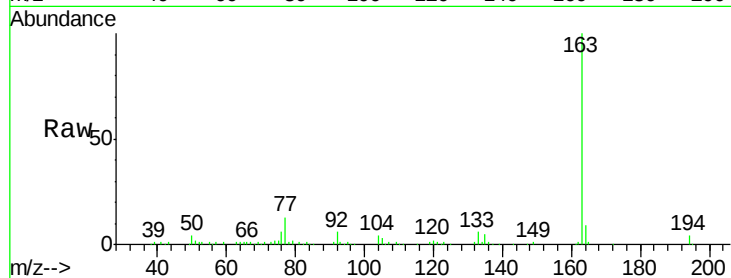




#49
Dimethylphthalate
Concen: 6.50 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF087936.D
Acq: 12 Jun 2016 8:46

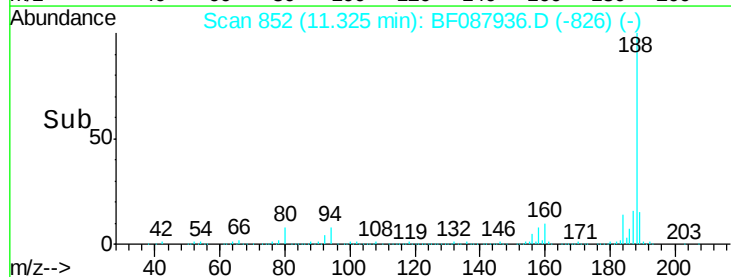
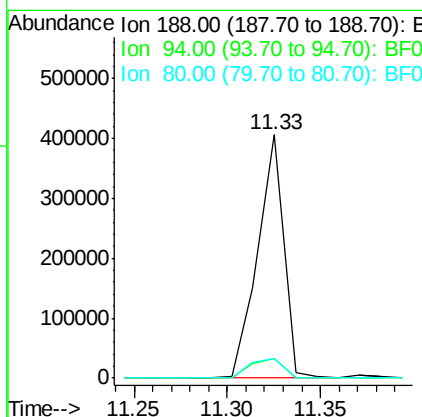
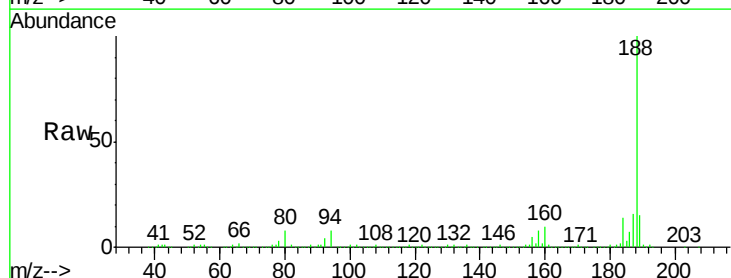
Instrument :
BNA_F
ClientSampleId :
MW-4

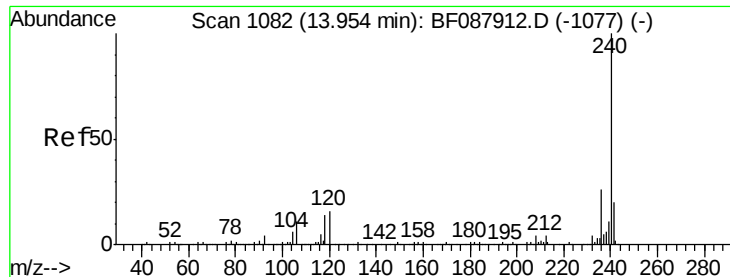
Tot Ion:163 Resp: 103079
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.5 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF087936.D
Acq: 12 Jun 2016 8:46

Tgt Ion:188 Resp: 392476
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.6#
80 8.1 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: BF087936.D

Acq: 12 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

MW-4

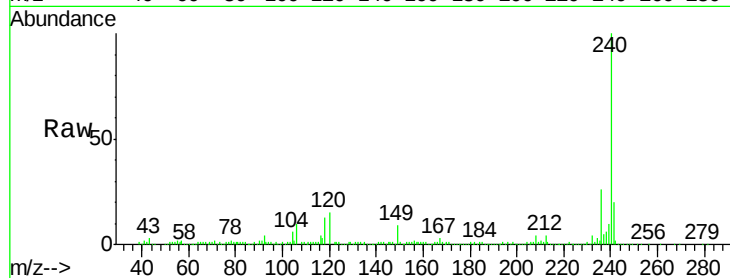
Tot Ion:240 Resp: 268282

Ion Ratio Lower Upper

240 100

120 14.9 6.8 10.2#

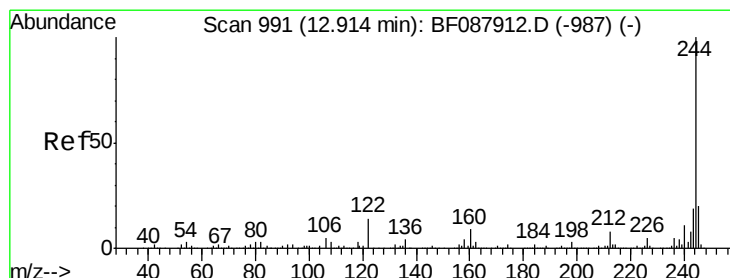
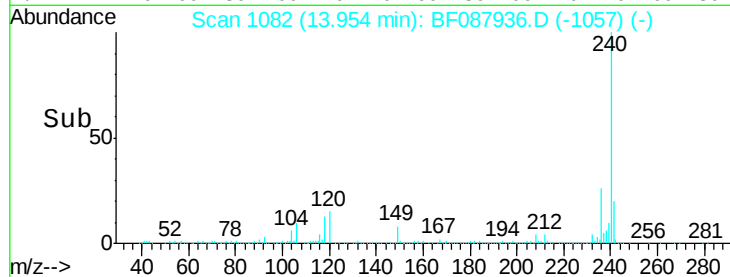
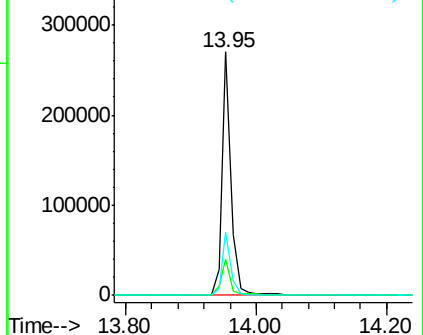
236 25.8 20.2 30.2



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: 75.77 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF087936.D

Acq: 12 Jun 2016 8:46

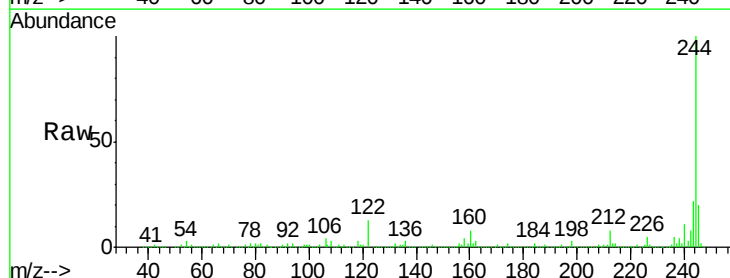
Tgt Ion:244 Resp: 893288

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

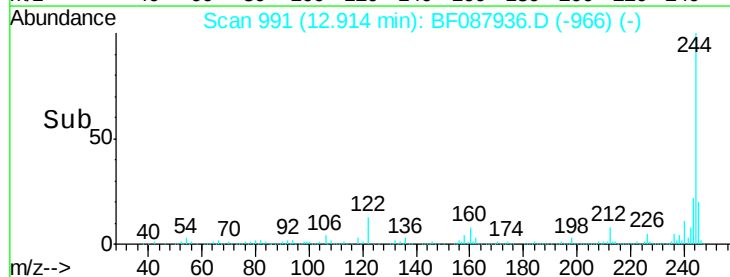
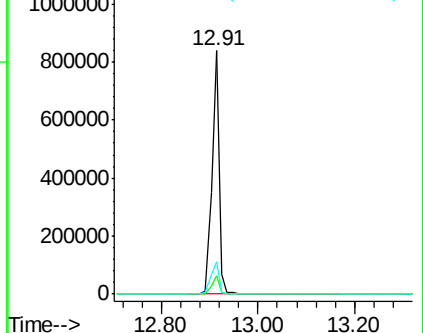
122 13.1 11.2 16.8

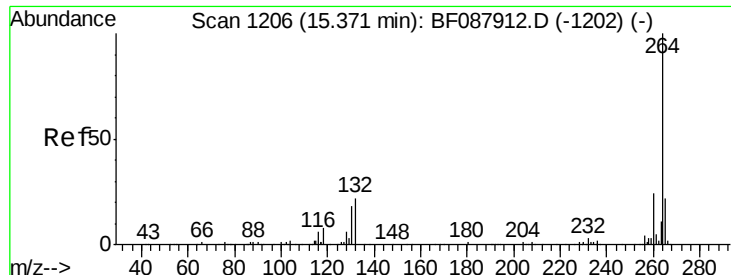


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

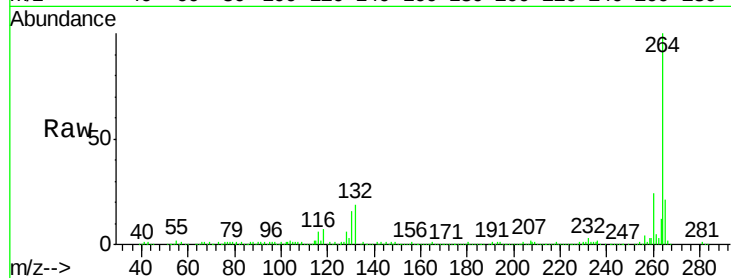




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF087936.D
Acq: 12 Jun 2016 8:46

Instrument :
BNA_F
ClientSampleId :
MW-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	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

