

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087953.D
 Acq On : 12 Jun 2016 17:35
 Operator : UM/SJ
 Sample : H3490-04
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Quant Time: Jun 13 15:23:46 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	110710	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	452503	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	295146	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	398234	20.00	ng	0.00
75) Chrysene-d12	13.95	240	303350	20.00	ng	-0.01
86) Perylene-d12	15.37	264	244776	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	391304	60.42	ng	0.00
7) Phenol-d6	6.43	99	389648	49.65	ng	-0.01
23) Nitrobenzene-d5	7.37	82	636033	82.08	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	254040	81.52	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1180499	61.29	ng	0.00
78) Terphenyl-d14	12.91	244	863138	64.75	ng	0.00

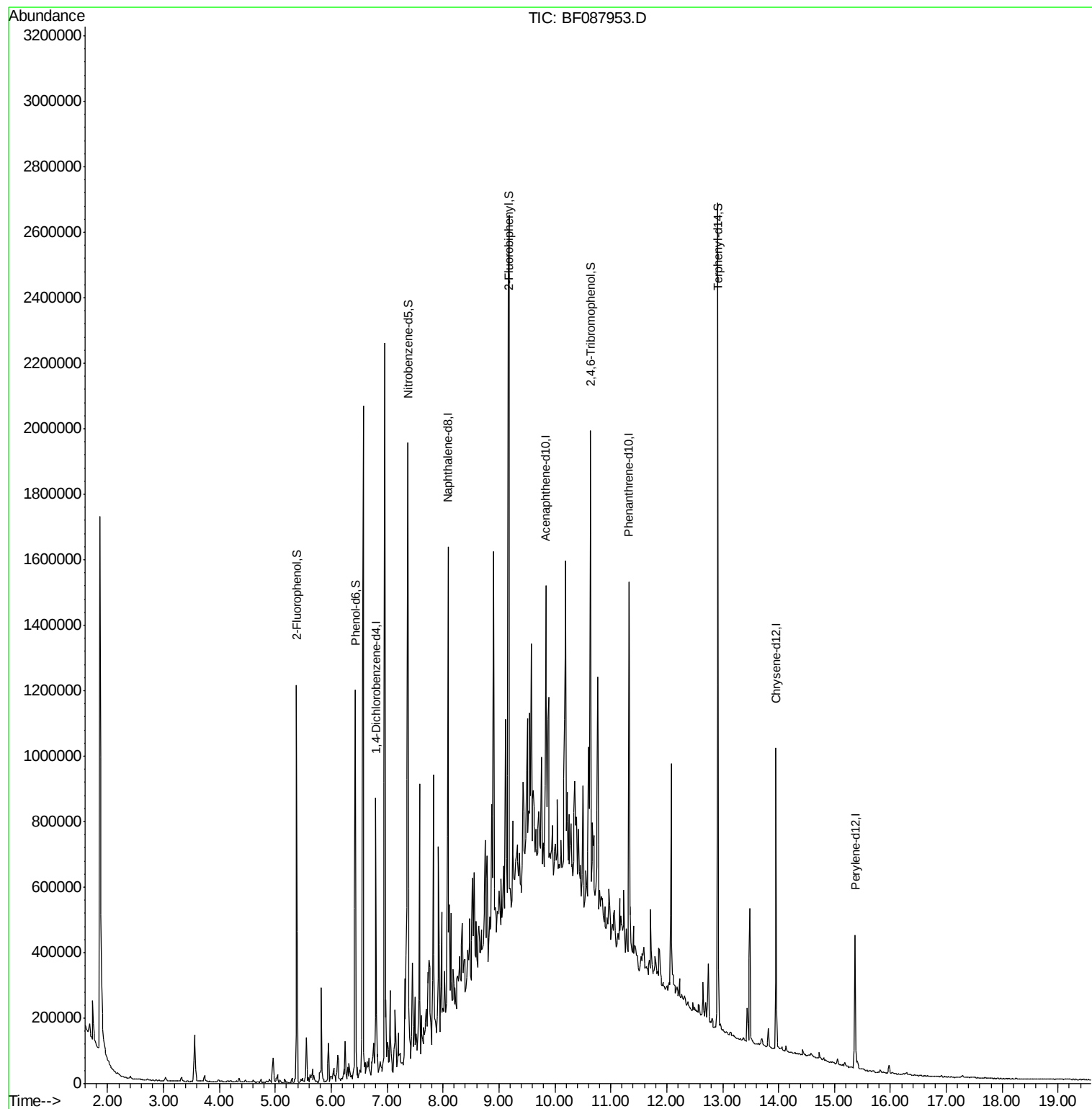
Target Compounds Qvalue

(#) = 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: BF087953.D

Acq: 12 Jun 2016 17:35

Instrument :

BNA_F

ClientSampled :

W-02

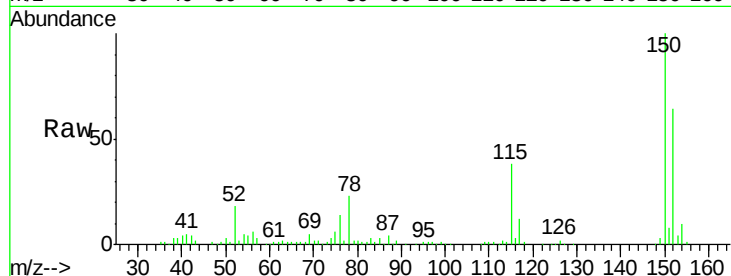
Tot Ion:152 Resp: 110710

Ion Ratio Lower Upper

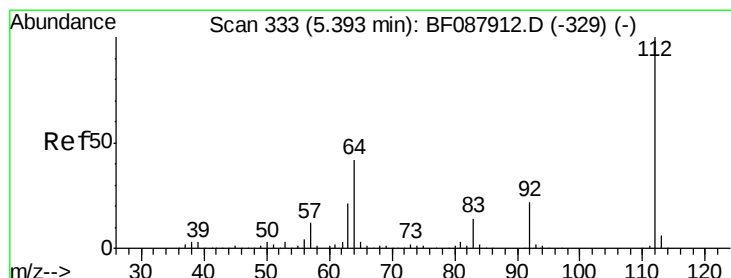
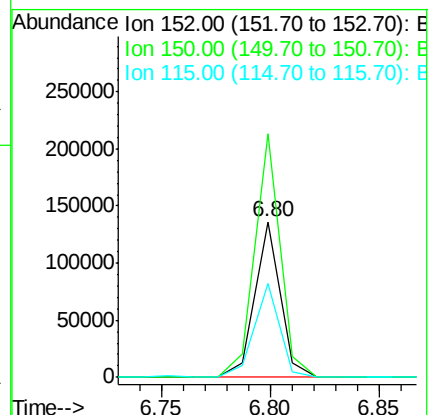
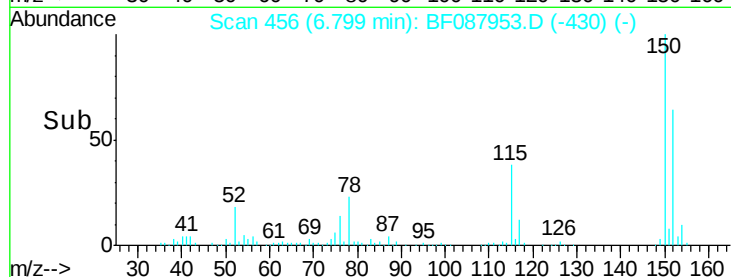
152 100

150 156.8 123.8 185.6

115 60.2 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: 60.42 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.00 min

Lab File: BF087953.D

Acq: 12 Jun 2016 17:35

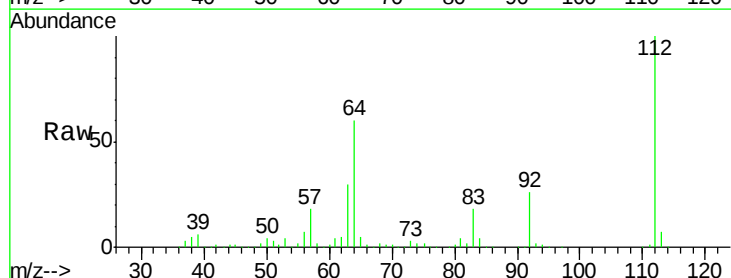
Tgt Ion:112 Resp: 391304

Ion Ratio Lower Upper

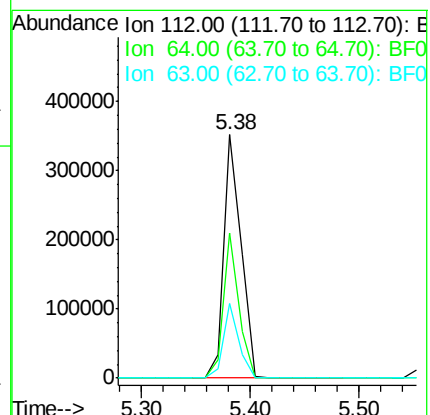
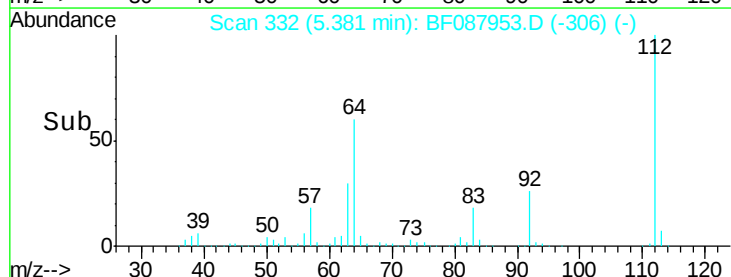
112 100

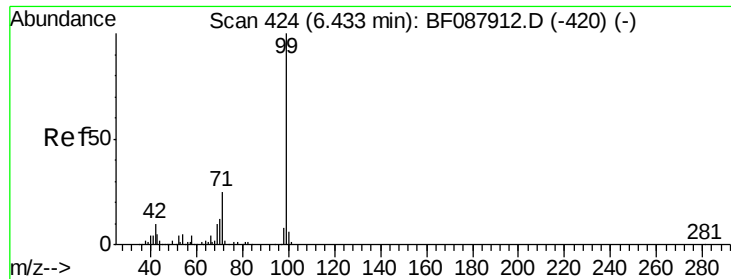
64 59.7 42.2 63.2

63 30.5 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: 49.65 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087953.D

Acq: 12 Jun 2016 17:35

Instrument :

BNA_F

ClientSampled :

W-02

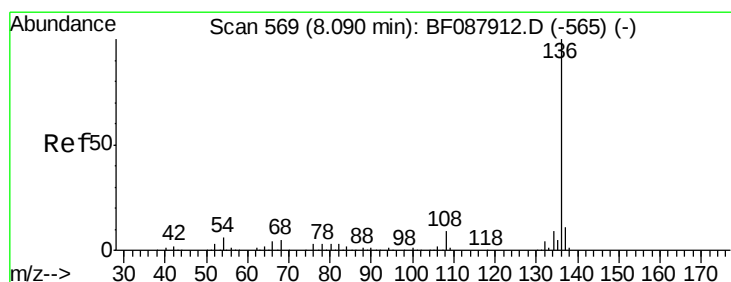
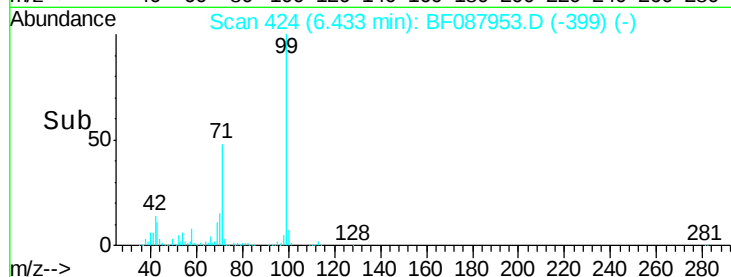
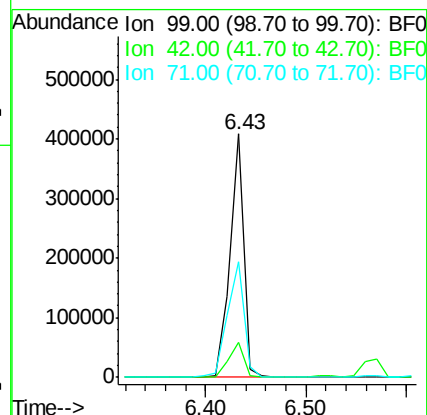
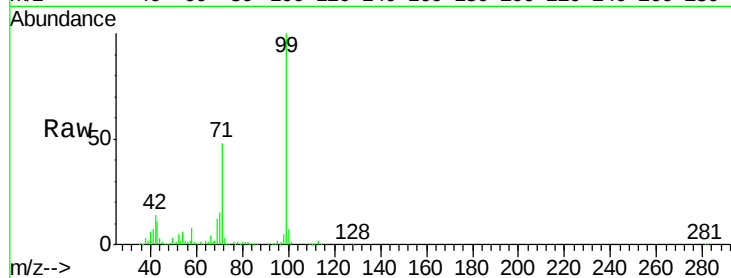
Tot Ion: 99 Resp: 389648

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.2

71 47.6 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: BF087953.D

Acq: 12 Jun 2016 17:35

Tgt Ion: 136 Resp: 452503

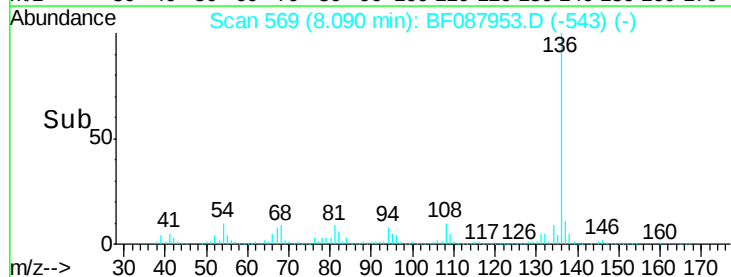
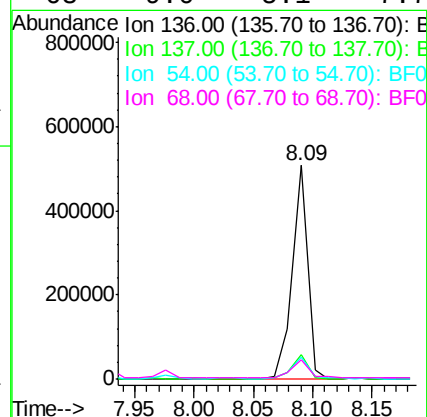
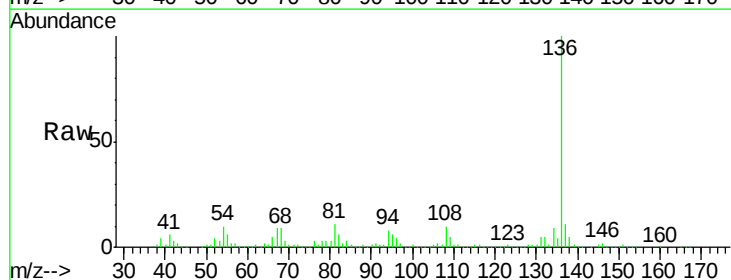
Ion Ratio Lower Upper

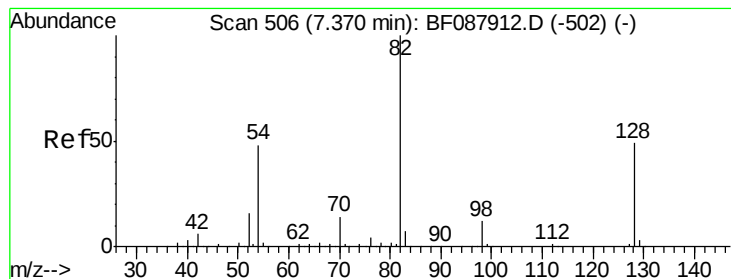
136 100

137 11.2 9.1 13.7

54 10.1 6.6 10.0#

68 9.0 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 82.08 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF087953.D

Acq: 12 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

W-02

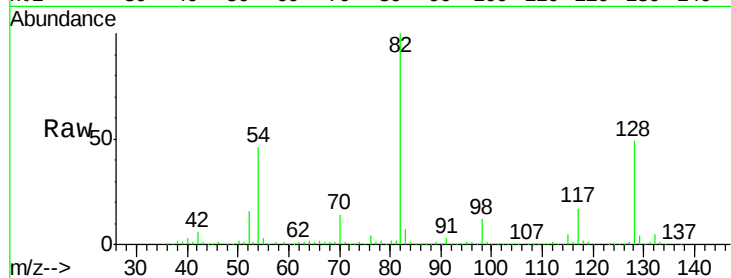
Tot Ion: 82 Resp: 636033

Ion Ratio Lower Upper

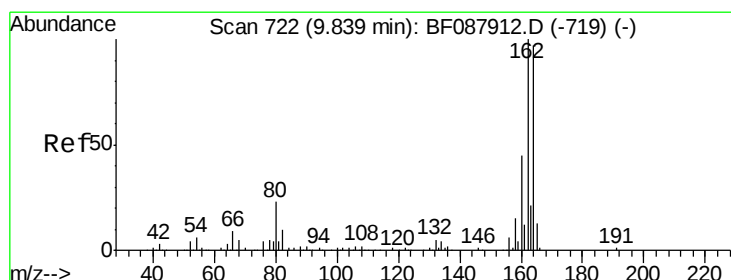
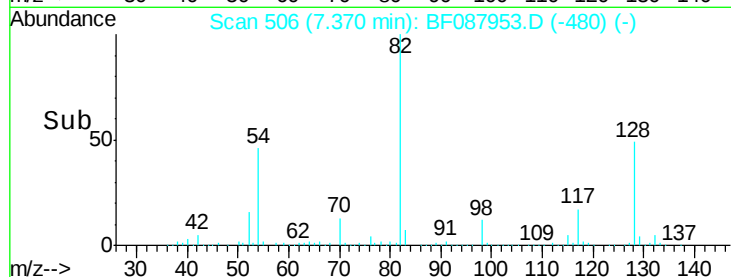
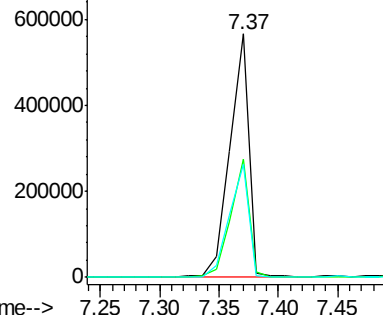
82 100

128 48.8 35.9 53.9

54 46.4 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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF087953.D

Acq: 12 Jun 2016 17:35

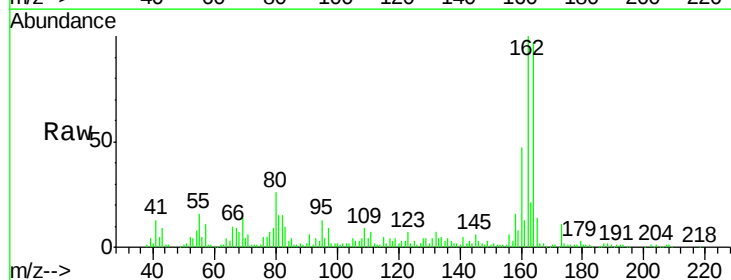
Tgt Ion:164 Resp: 295146

Ion Ratio Lower Upper

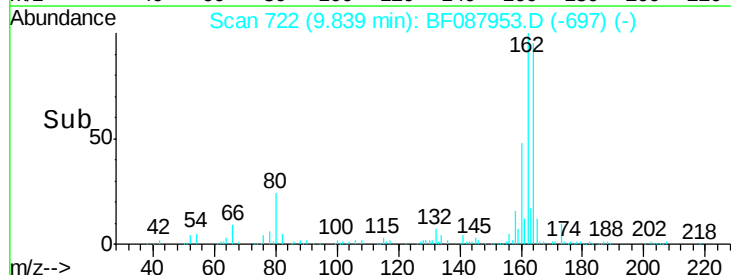
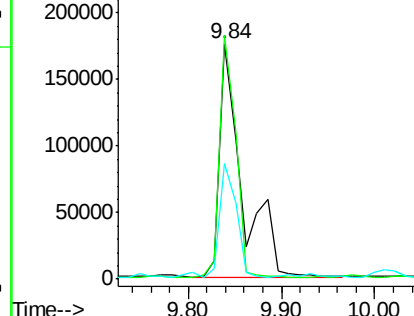
164 100

162 103.6 85.4 128.2

160 49.0 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

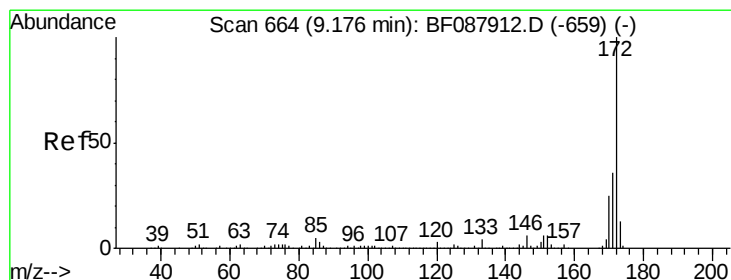
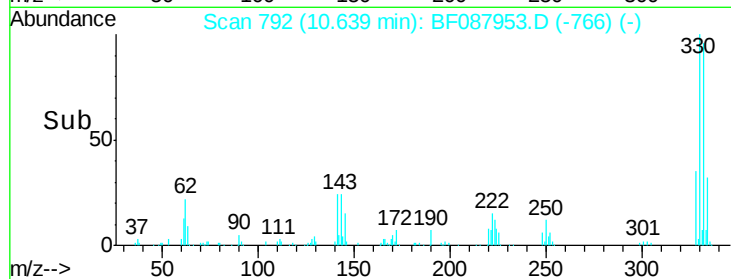
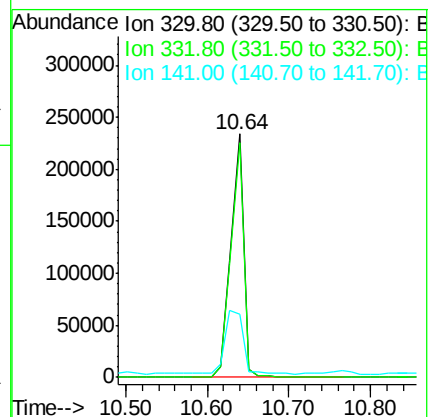
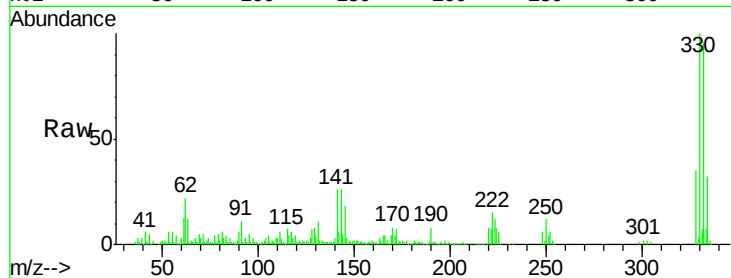




#41
 2,4,6-Tribromophenol
 Concen: 81.52 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF087953.D
 Acq: 12 Jun 2016 17:35

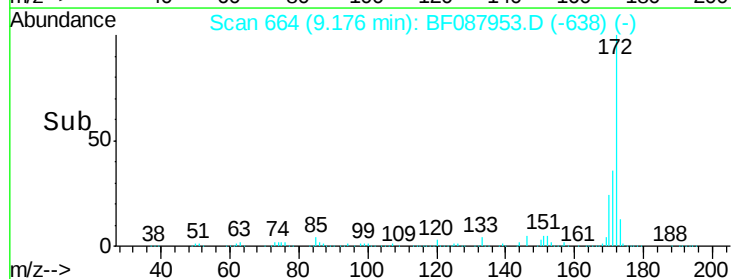
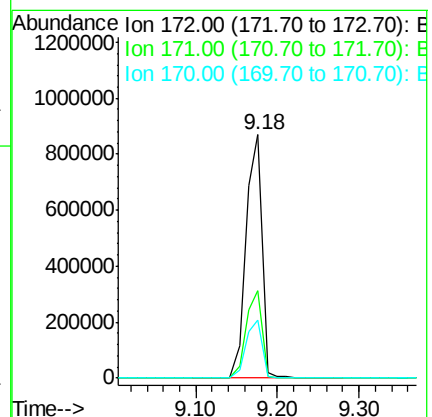
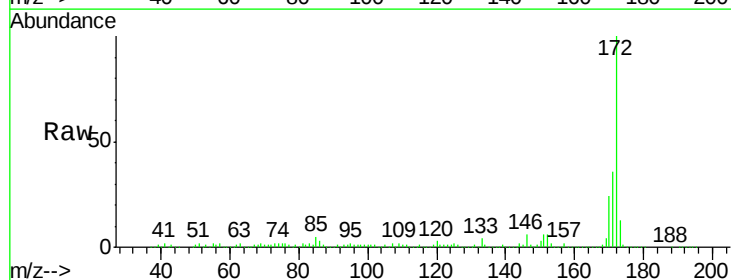
Instrument :
 BNA_F
 ClientSampleId :
 W-02

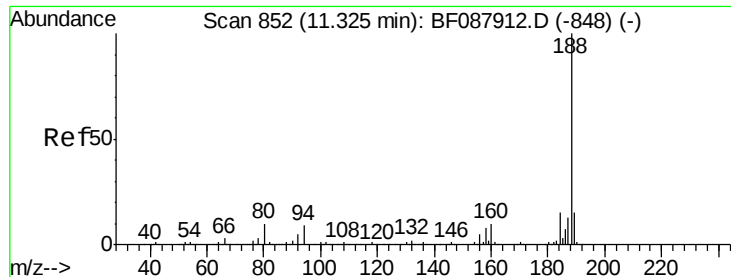
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 61.29 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087953.D
 Acq: 12 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.0	19.2	28.8

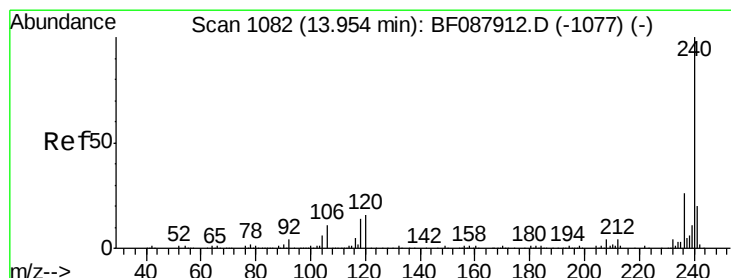
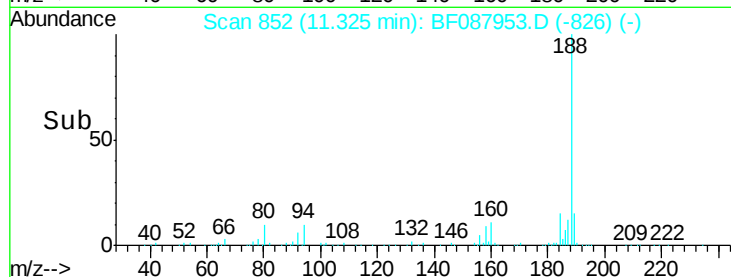
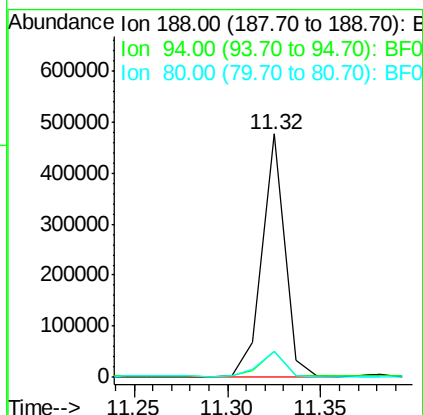
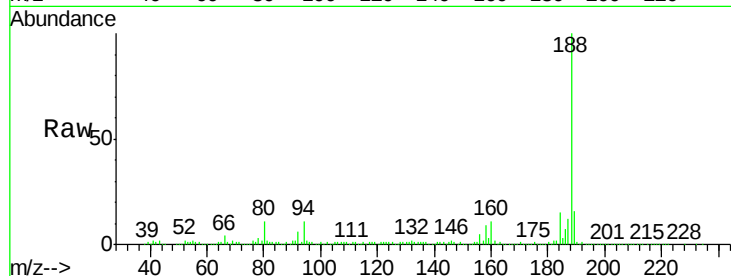




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

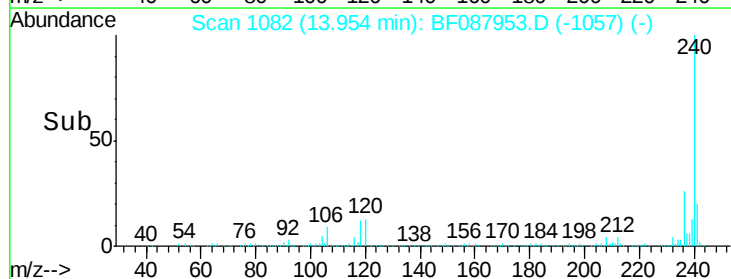
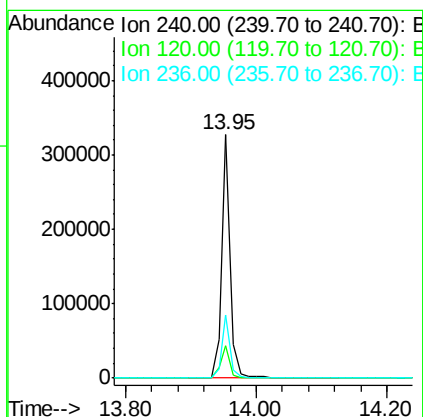
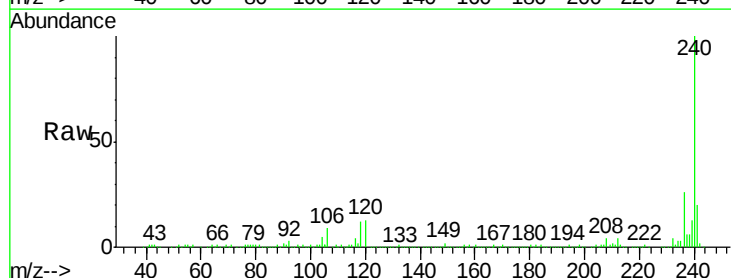
Instrument :
BNA_F
ClientSampleId :
W-02

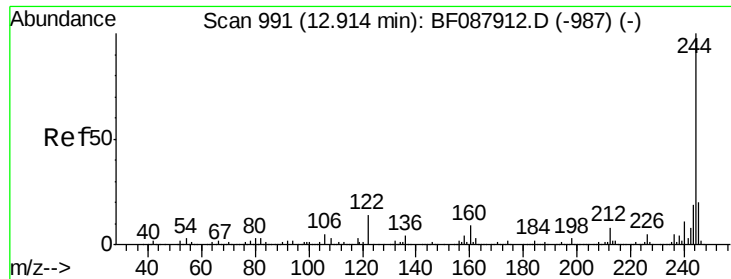
Tot Ion:188 Resp: 398234
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 10.9 10.0 15.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Tgt Ion:240 Resp: 303350
Ion Ratio Lower Upper
240 100
120 13.2 6.8 10.2#
236 26.0 20.2 30.2

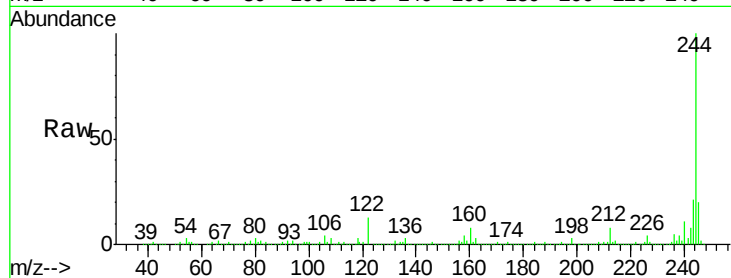




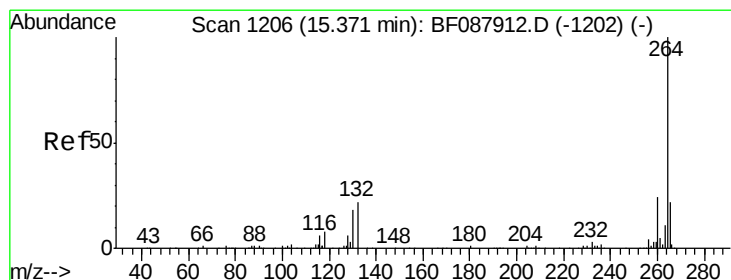
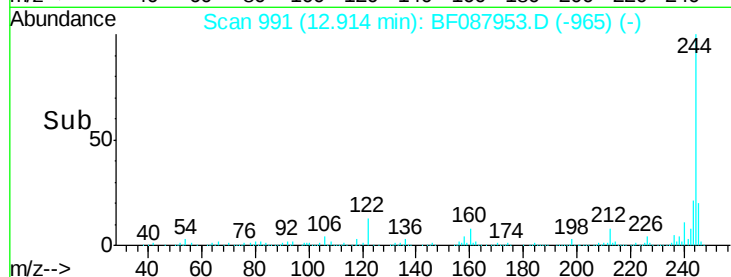
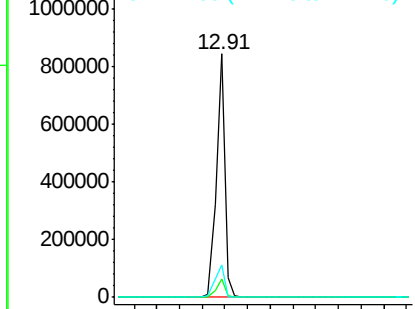
#78
 Terphenyl-d14
 Concen: 64.75 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF087953.D
 Acq: 12 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Tot Ion:244 Resp: 863138
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.1 11.2 16.8

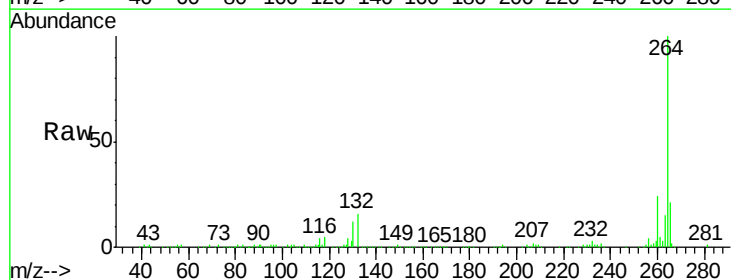


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF087953.D
 Acq: 12 Jun 2016 17:35

Tgt Ion:264 Resp: 244776
 Ion Ratio Lower Upper
 264 100
 260 23.7 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

