

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
 Data File : BF088043.D
 Acq On : 15 Jun 2016 19:39
 Operator : UM/SJ
 Sample : H3609-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 181-02-NW-06142016

Quant Time: Jun 16 03:28:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 03:20:46 2016
 Response via : Initial Calibration

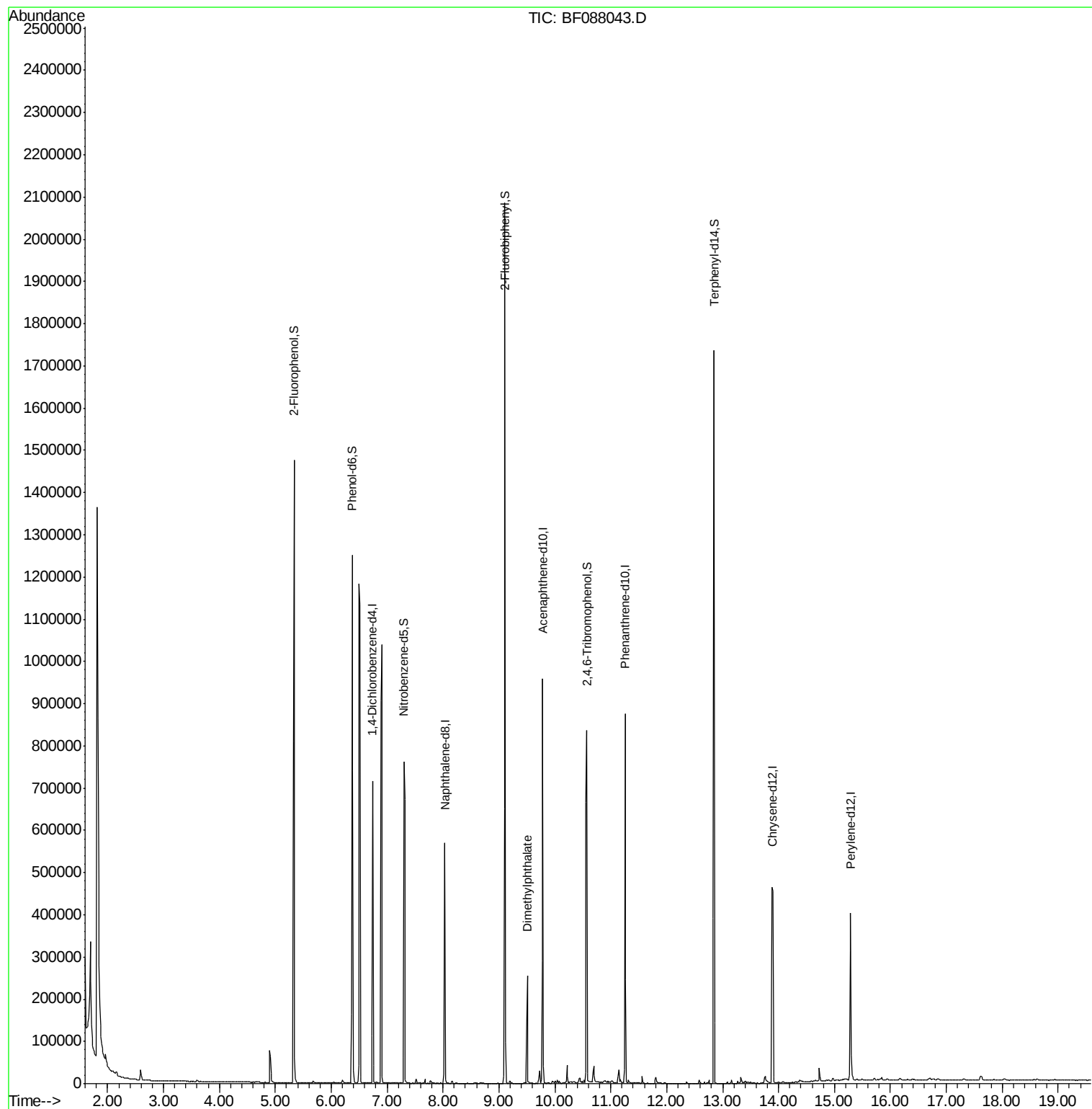
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	107219	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	408445	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	193930	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	315834	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	237974	20.00	ng	0.00
86) Perylene-d12	15.29	264	199287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	511850	81.61	ng	0.01
7) Phenol-d6	6.38	99	599959	78.93	ng	-0.01
23) Nitrobenzene-d5	7.30	82	368807	52.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	141749	69.22	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	676696	52.71	ng	-0.01
78) Terphenyl-d14	12.85	244	517330	49.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.51	163	137860	9.81	ng	Qvalue 98

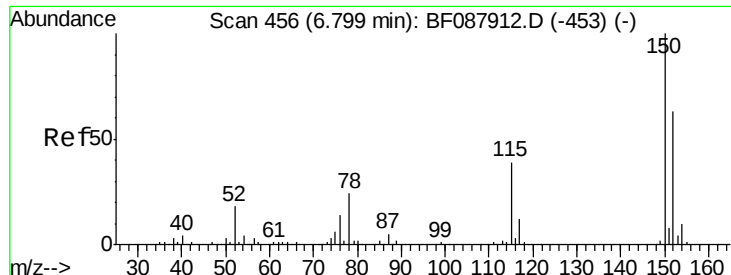
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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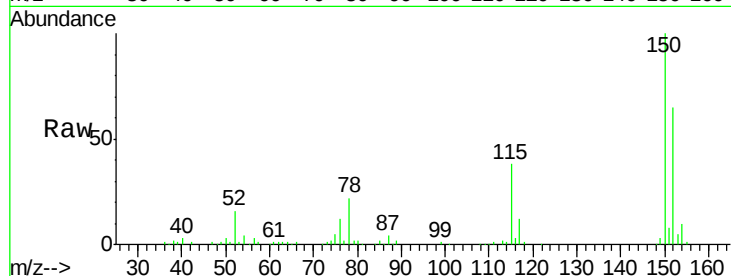


#1

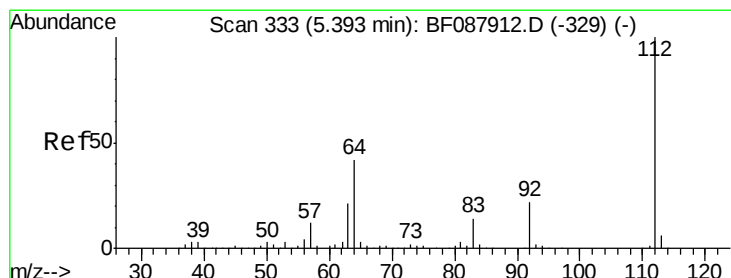
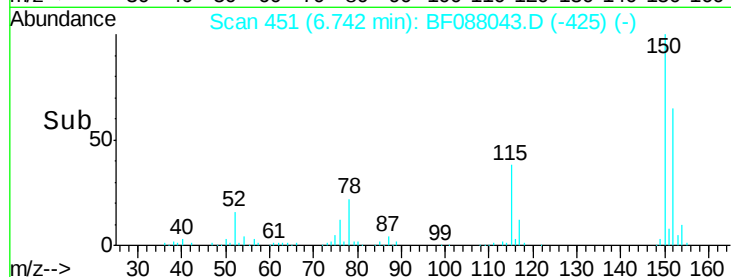
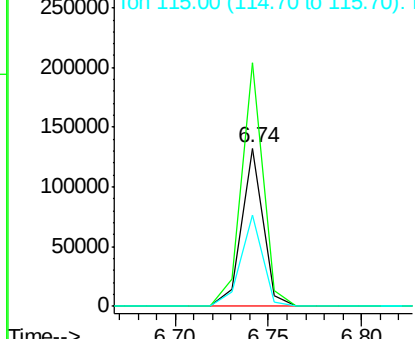
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF088043.D
Acq: 15 Jun 2016 19:39

Instrument :
BNA_F
ClientSampleId :
181-02-NW-06142016

Tot Ion:152 Resp: 107219
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.6
115 58.1 39.6 59.4



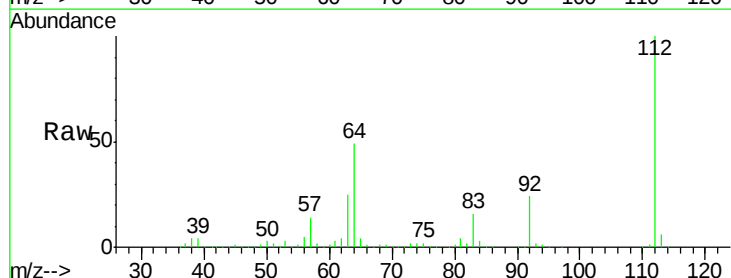
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



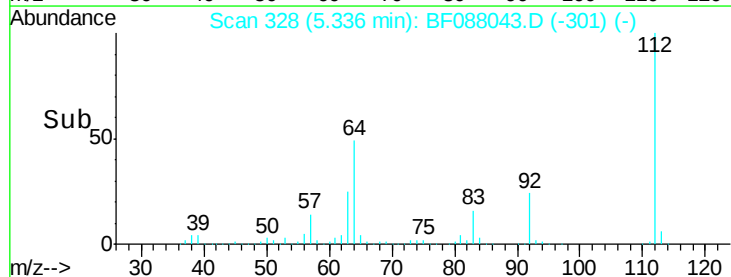
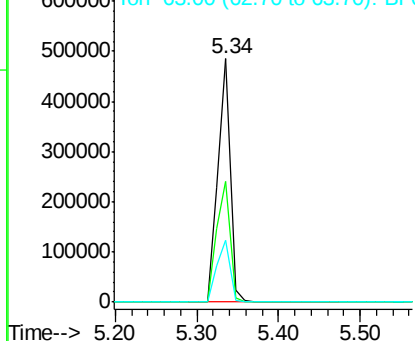
#5

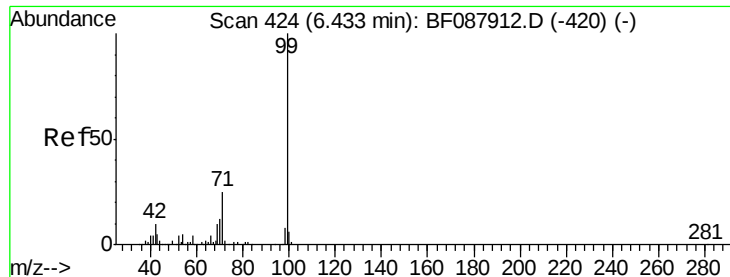
2-Fluorophenol
Concen: 81.61 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.01 min
Lab File: BF088043.D
Acq: 15 Jun 2016 19:39

Tgt Ion:112 Resp: 511850
Ion Ratio Lower Upper
112 100
64 49.4 42.2 63.2
63 25.2 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: 78.93 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF088043.D

Acq: 15 Jun 2016 19:39

Instrument :

BNA_F

ClientSampleId :

181-02-NW-06142016

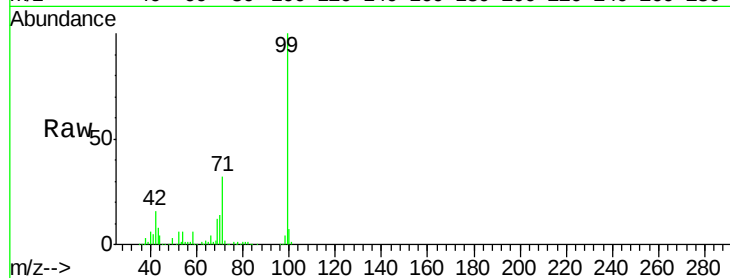
Tot Ion: 99 Resp: 599959

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

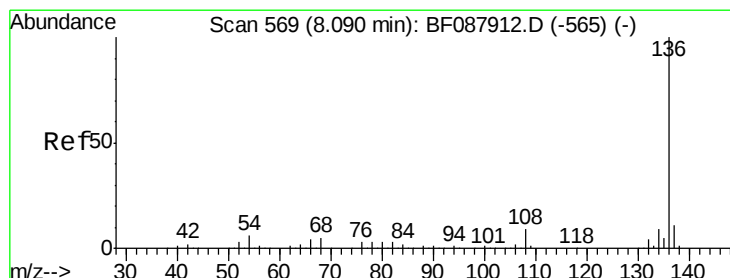
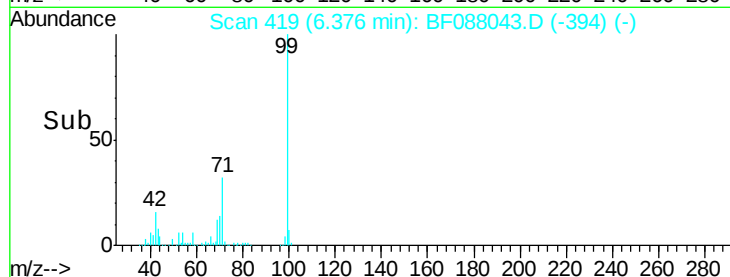
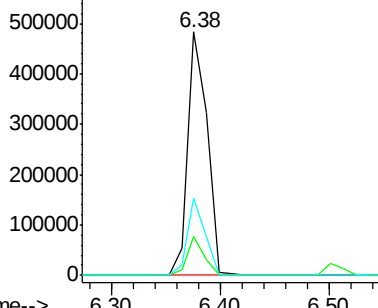
71 31.9 23.4 35.0



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: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF088043.D

Acq: 15 Jun 2016 19:39

Tgt Ion: 136 Resp: 408445

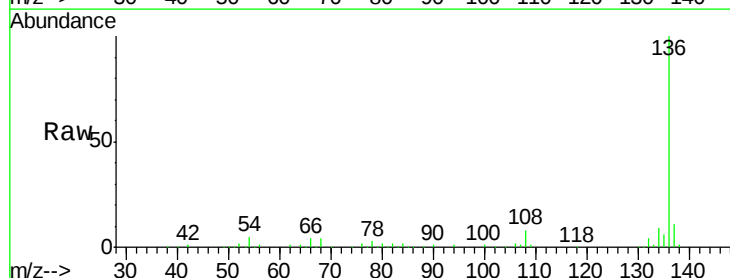
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 4.7 6.6 10.0#

68 4.3 5.1 7.7#

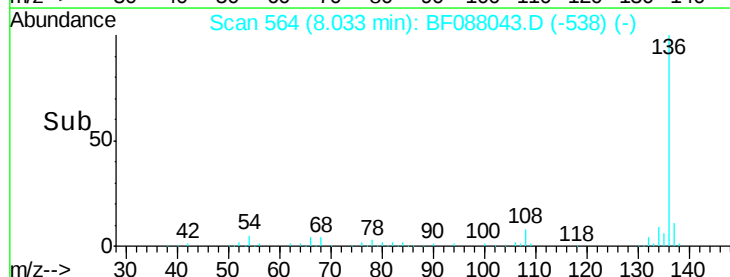
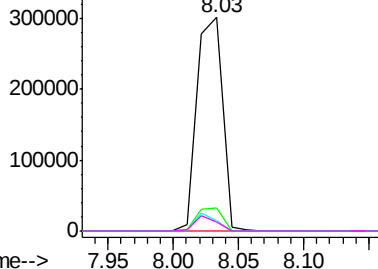


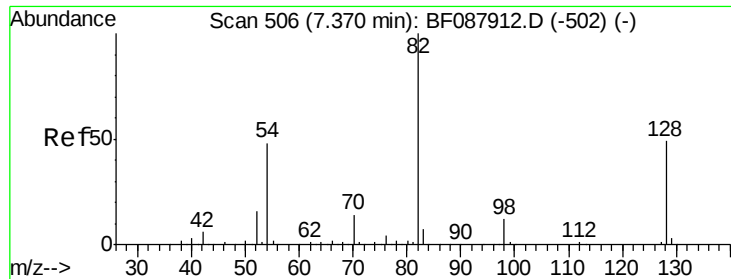
Abundance Ion 136.00 (135.70 to 136.70): E

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

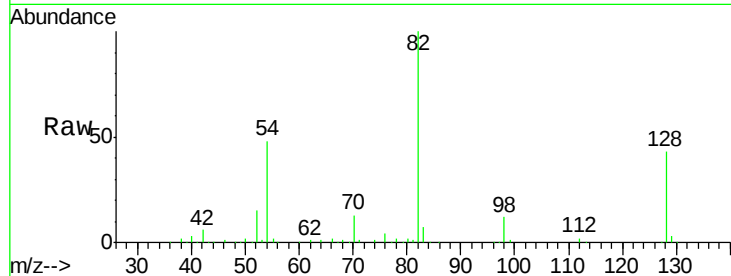




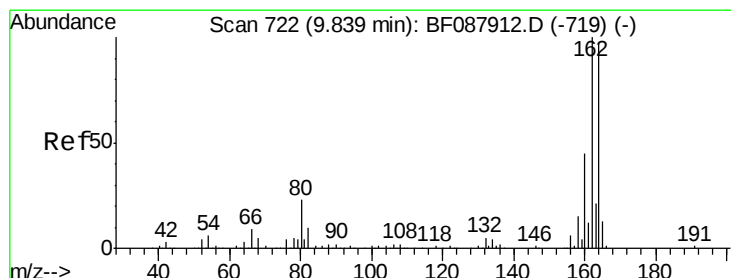
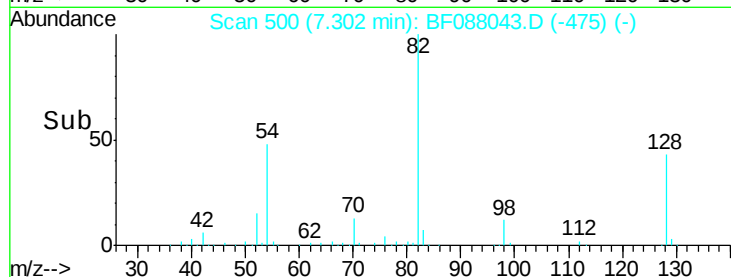
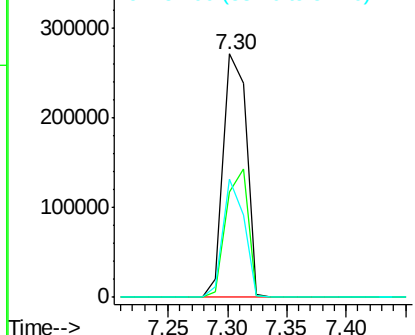
#23
 Nitrobenzene-d5
 Concen: 52.73 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF088043.D
 Acq: 15 Jun 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 181-02-NW-06142016

Tot Ion	82	Resp	368807
Ion Ratio	Lower	Upper	
82	100		
128	43.4	35.9	53.9
54	48.4	40.9	61.3

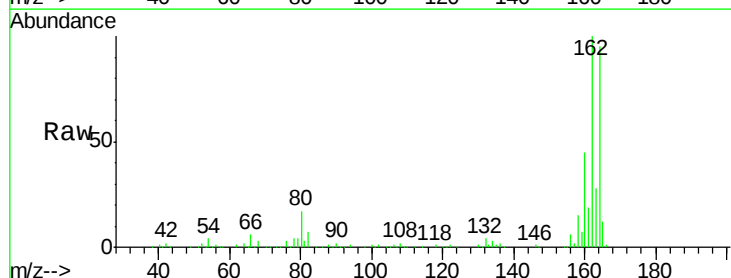


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

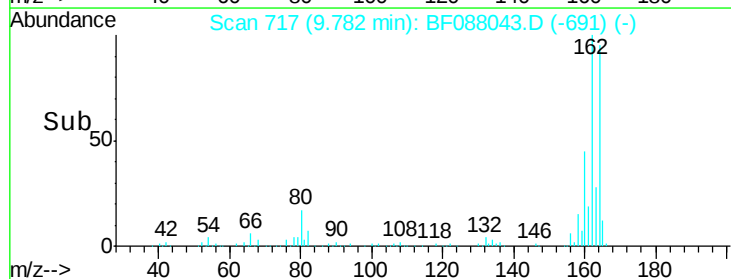
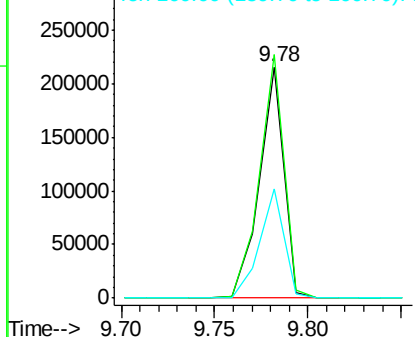


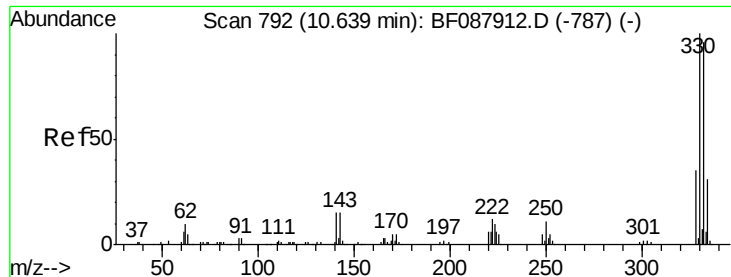
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088043.D
 Acq: 15 Jun 2016 19:39

Tgt Ion	164	Resp	193930
Ion Ratio	Lower	Upper	
164	100		
162	105.3	85.4	128.2
160	47.3	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

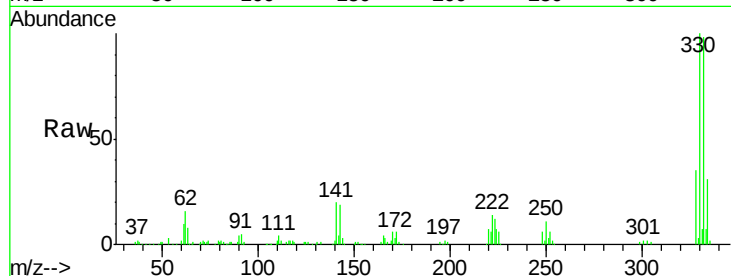




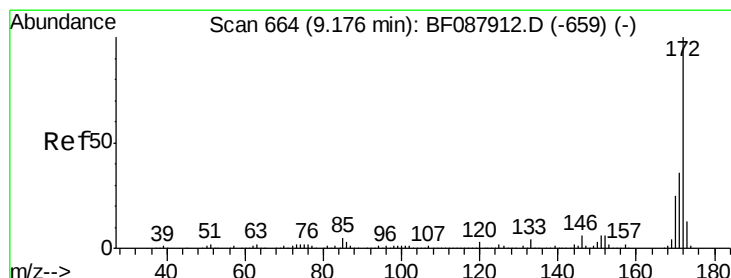
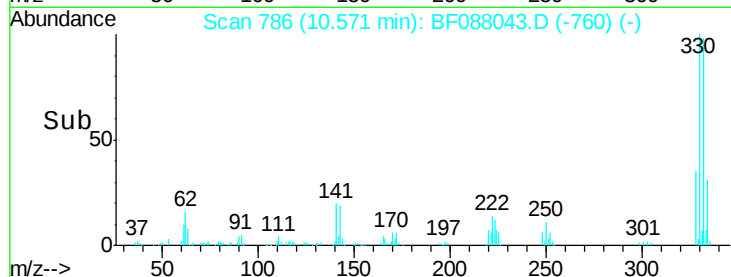
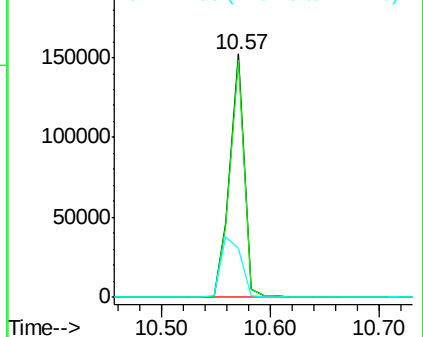
#41
 2,4,6-Tribromophenol
 Concen: 69.22 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088043.D
 Acq: 15 Jun 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 181-02-NW-06142016

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	34.6	0.0	0.0#

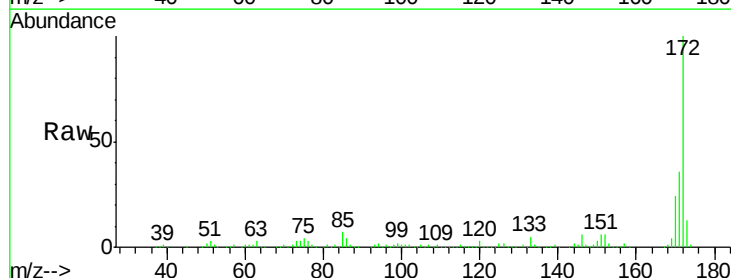


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

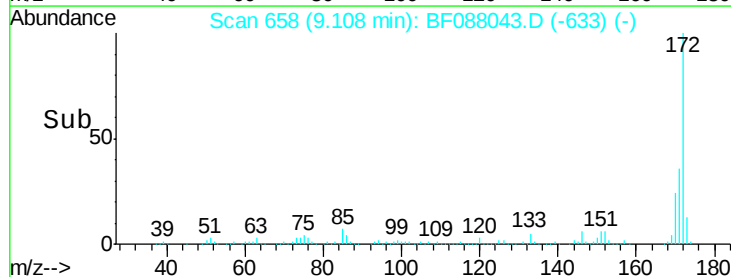
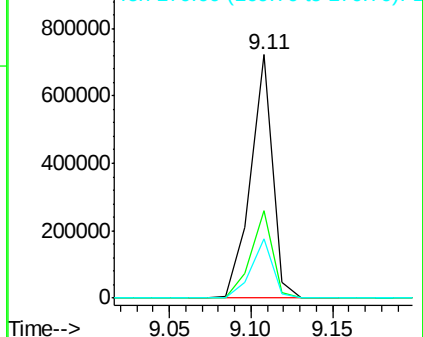


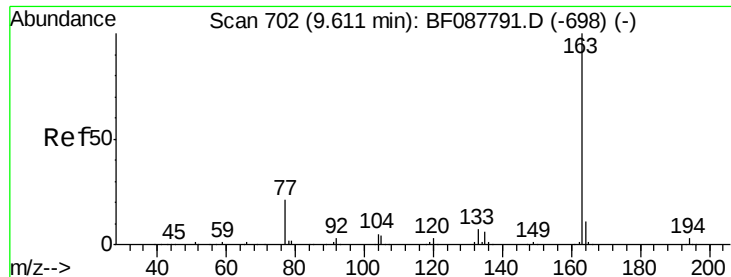
#44
 2-Fluorobiphenyl
 Concen: 52.71 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088043.D
 Acq: 15 Jun 2016 19:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	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: 9.81 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088043.D

Acq: 15 Jun 2016 19:39

Instrument :

BNA_F

ClientSampleId :

181-02-NW-06142016

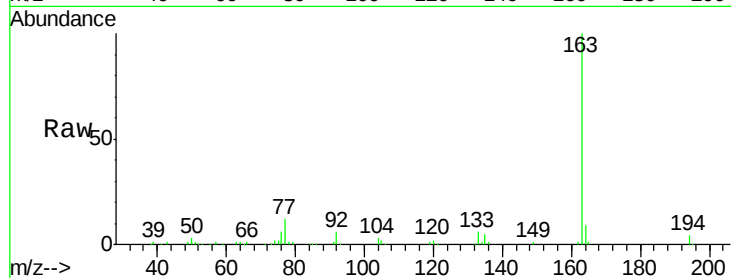
Tot Ion:163 Resp: 137860

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

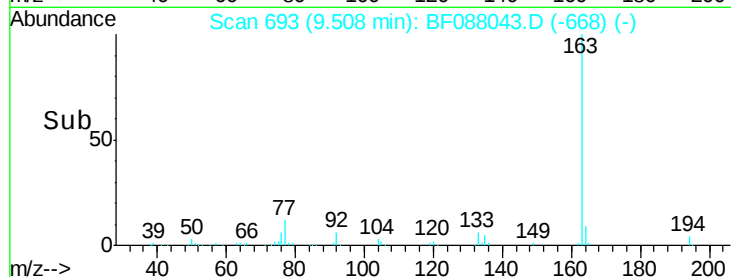
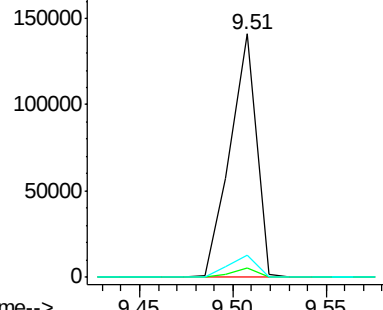
164 9.4 8.3 12.5



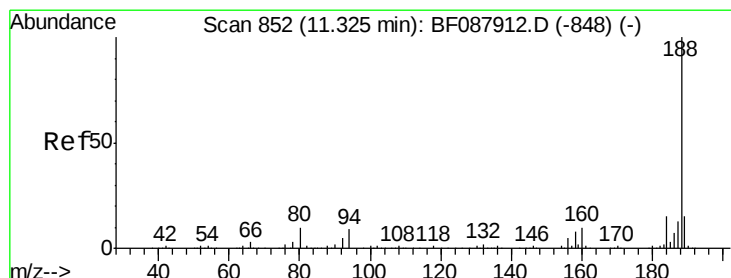
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF088043.D

Acq: 15 Jun 2016 19:39

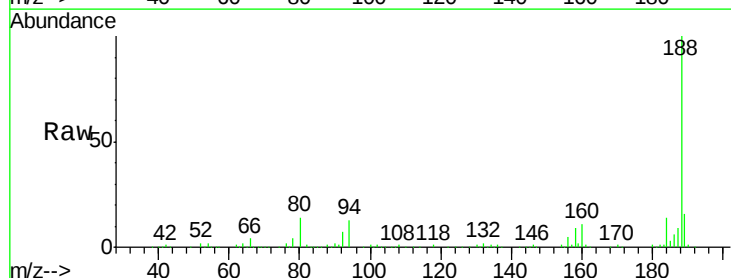
Tgt Ion:188 Resp: 315834

Ion Ratio Lower Upper

188 100

94 12.8 9.0 13.6

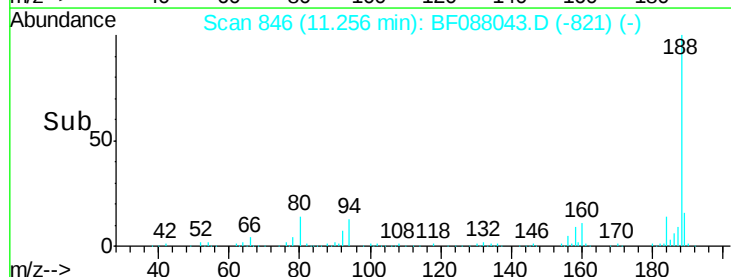
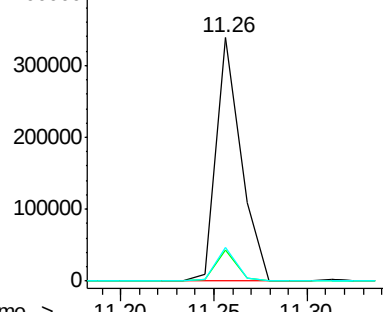
80 13.6 10.0 15.0



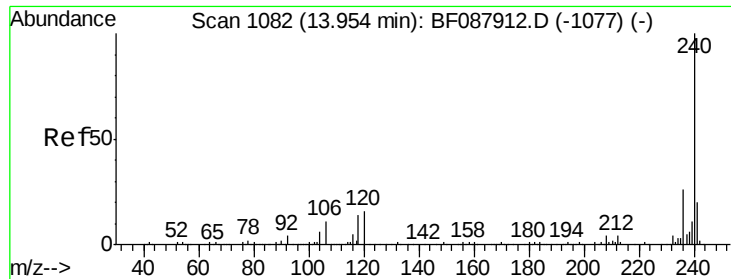
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



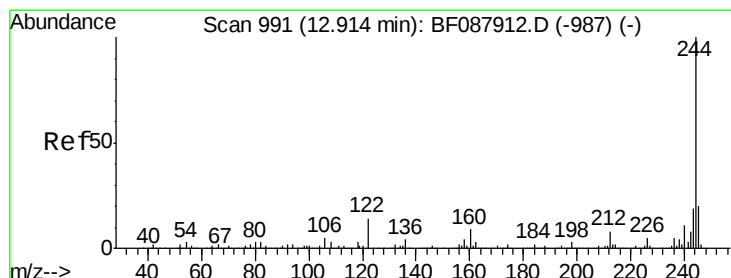
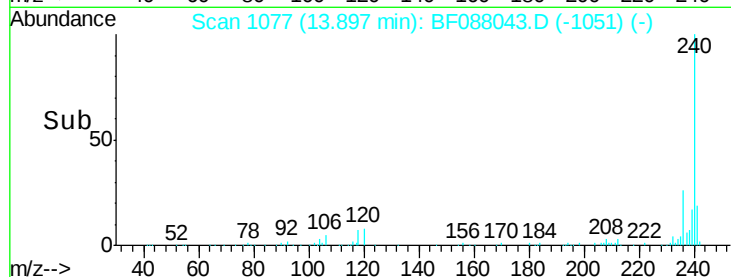
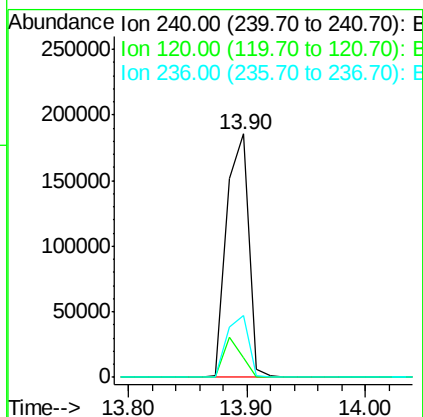
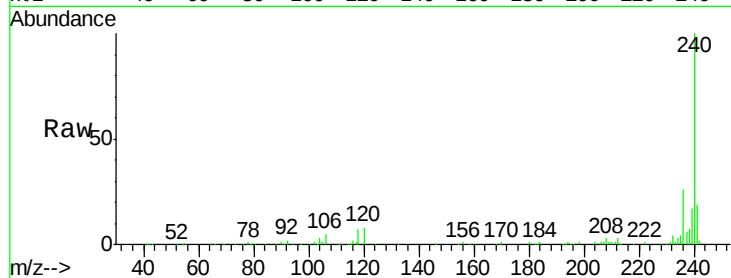
Time-->



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF088043.D
 Acq: 15 Jun 2016 19:39

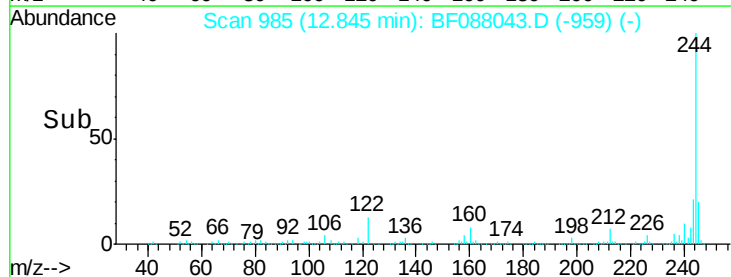
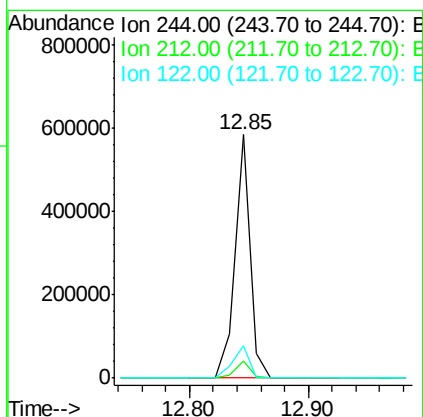
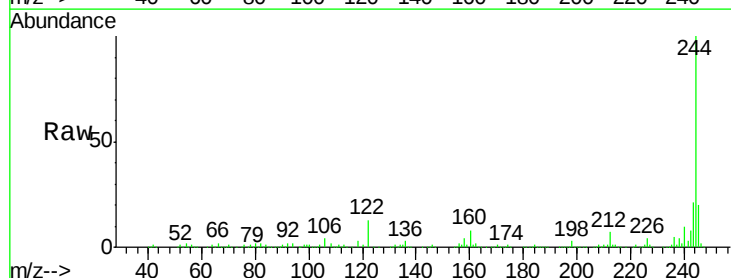
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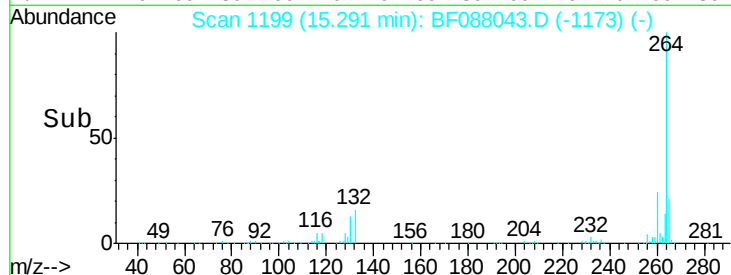
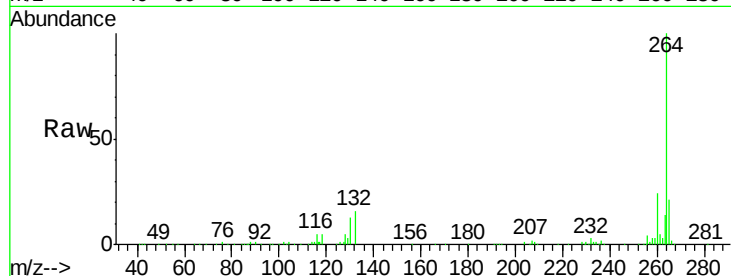
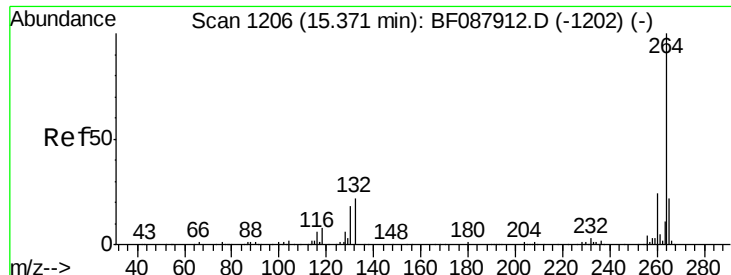
Tot Ion:240 Resp: 237974
 Ion Ratio Lower Upper
 240 100
 120 7.8 6.8 10.2
 236 25.7 20.2 30.2



#78
 Terphenyl-d14
 Concen: 49.47 ng
 RT: 12.85 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF088043.D
 Acq: 15 Jun 2016 19:39

Tgt Ion:244 Resp: 517330
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.3 11.2 16.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF088043.D
Acq: 15 Jun 2016 19:39

Instrument :
BNA_F
ClientSampleId :
181-02-NW-06142016

Tot Ion:	264	Resp:	199287
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.1	16.9	25.3

