

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
 Data File : BF088042.D
 Acq On : 15 Jun 2016 19:10
 Operator : UM/SJ
 Sample : H3609-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 181-01-SW-06142016

Quant Time: Jun 16 03:27:06 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

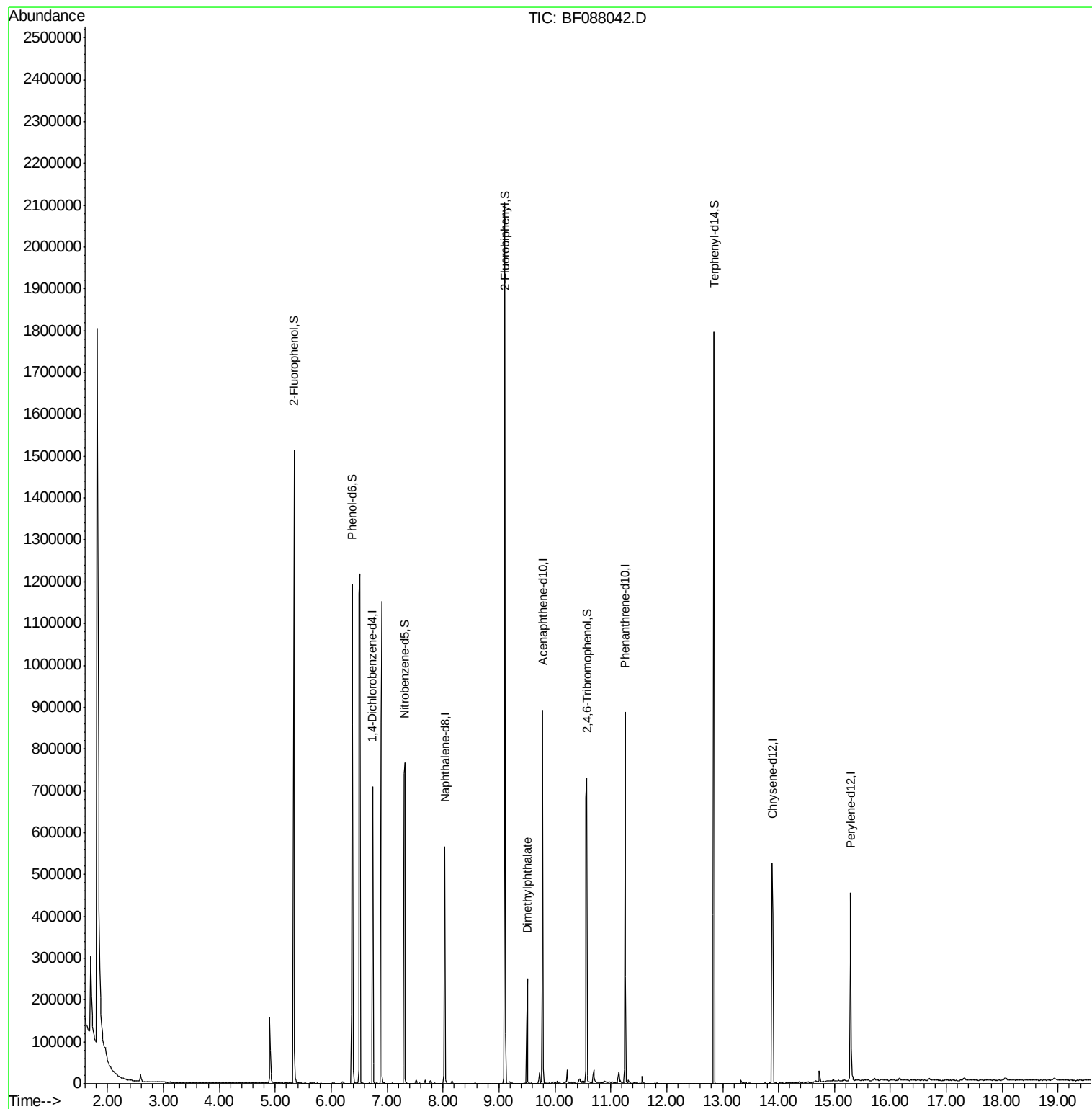
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	106983	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	403875	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	187134	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	324740	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	239455	20.00	ng	-0.01
86) Perylene-d12	15.29	264	210584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	507697	81.13	ng	0.01
7) Phenol-d6	6.38	99	620600	81.83	ng	-0.01
23) Nitrobenzene-d5	7.31	82	383058	55.38	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	132514	67.06	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	673987	54.60	ng	-0.01
78) Terphenyl-d14	12.84	244	535353	50.87	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	136427	10.06	ng	98

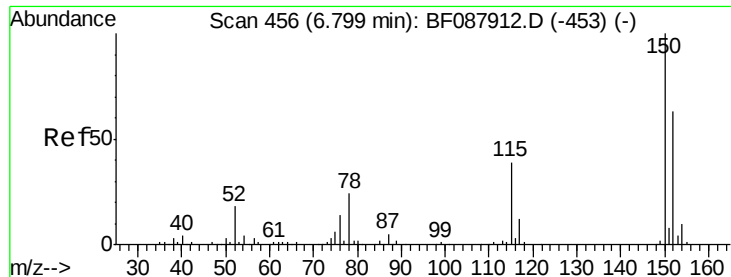
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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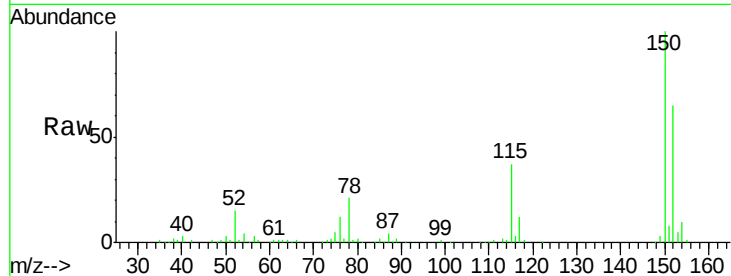


#1

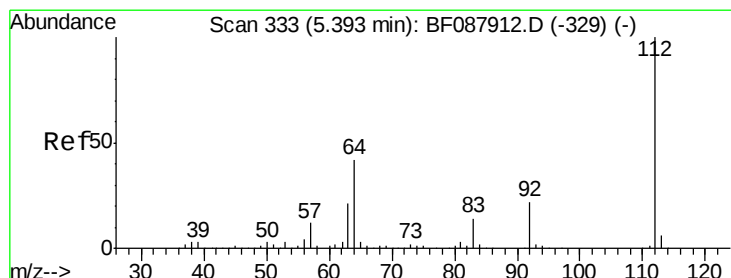
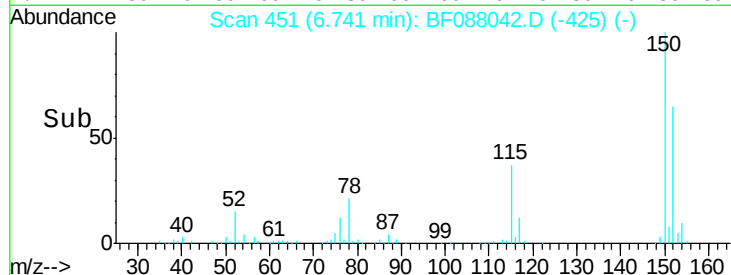
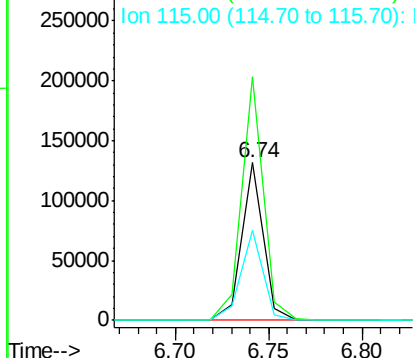
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF088042.D
Acq: 15 Jun 2016 19:10

Instrument :
BNA_F
ClientSampleId :
181-01-SW-06142016

Tot Ion:152 Resp: 106983
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.6
115 57.3 39.6 59.4



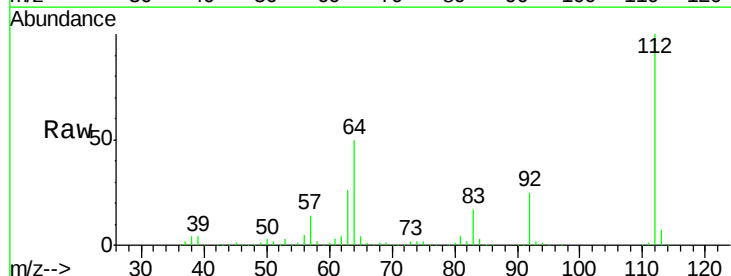
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



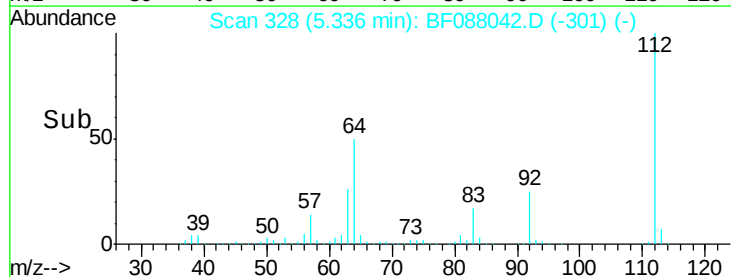
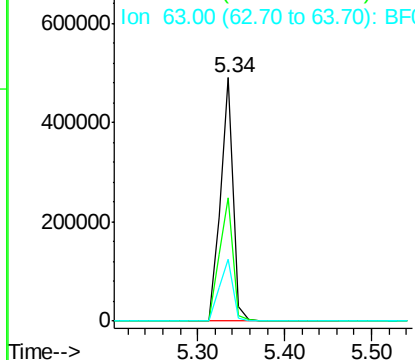
#5

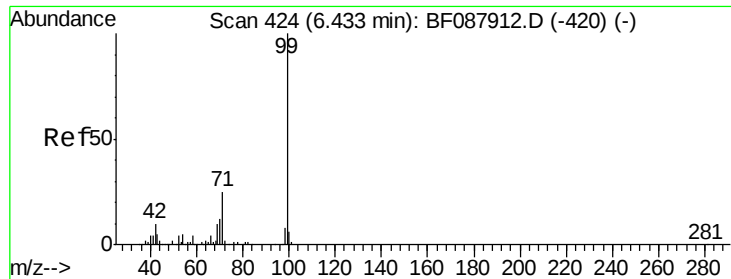
2-Fluorophenol
Concen: 81.13 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.01 min
Lab File: BF088042.D
Acq: 15 Jun 2016 19:10

Tgt Ion:112 Resp: 507697
Ion Ratio Lower Upper
112 100
64 50.4 42.2 63.2
63 25.6 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: 81.83 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF088042.D

Acq: 15 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

181-01-SW-06142016

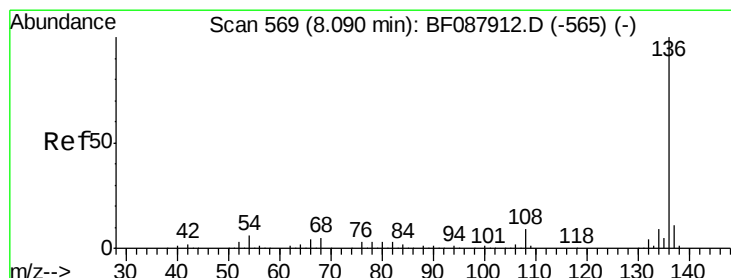
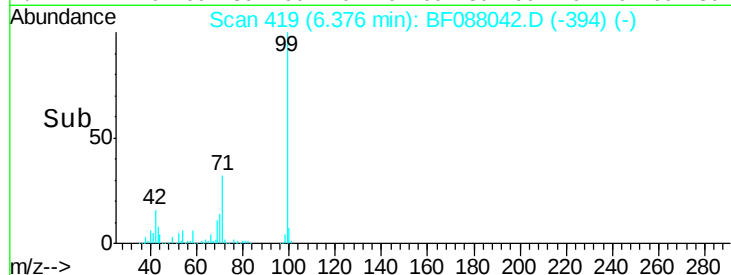
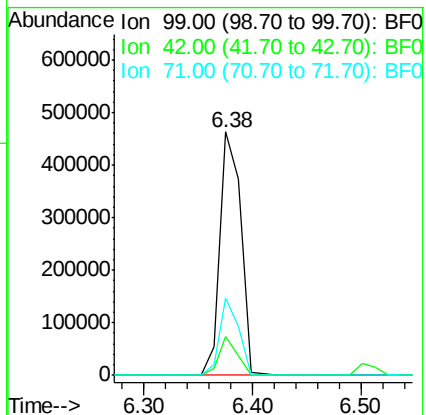
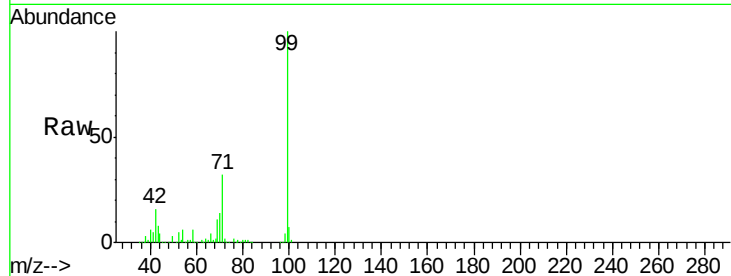
Tot Ion: 99 Resp: 620600

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

71 31.9 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088042.D

Acq: 15 Jun 2016 19:10

Tgt Ion: 136 Resp: 403875

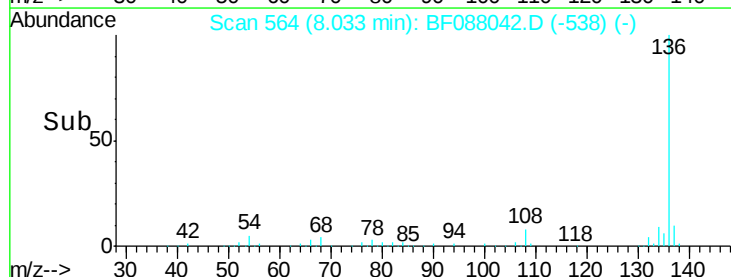
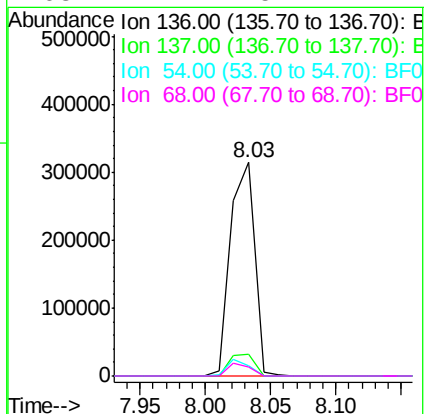
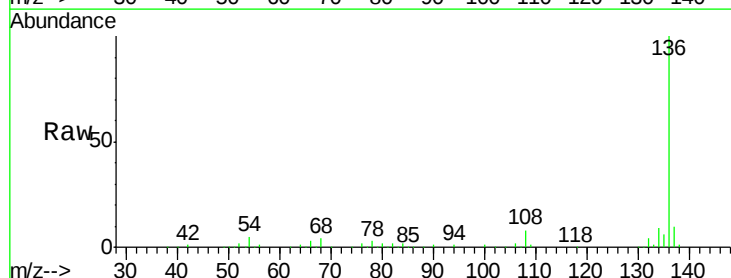
Ion Ratio Lower Upper

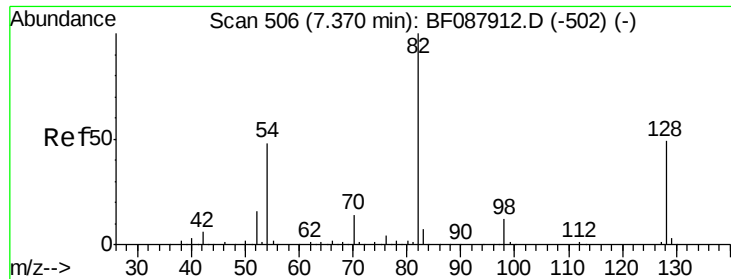
136 100

137 10.4 9.1 13.7

54 4.9 6.6 10.0#

68 4.4 5.1 7.7#

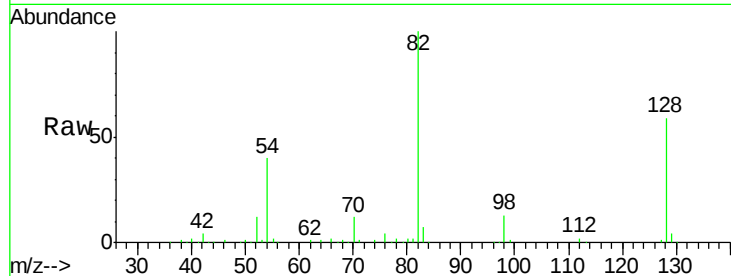




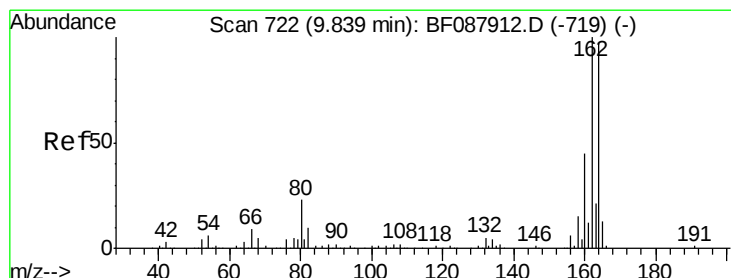
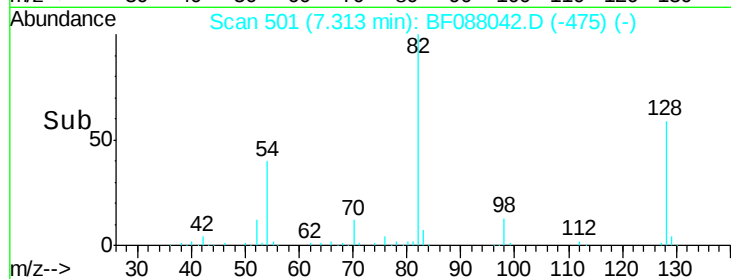
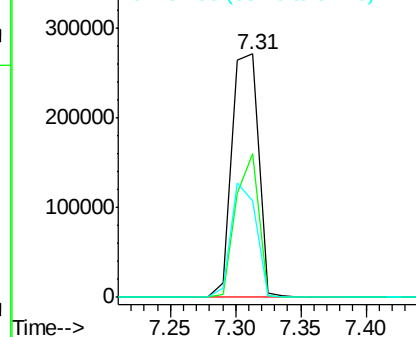
#23
Nitrobenzene-d5
Concen: 55.38 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF088042.D
Acq: 15 Jun 2016 19:10

Instrument :
BNA_F
ClientSampleId :
181-01-SW-06142016

Tot Ion: 82 Resp: 383058
Ion Ratio Lower Upper
82 100
128 59.0 35.9 53.9#
54 39.7 40.9 61.3#

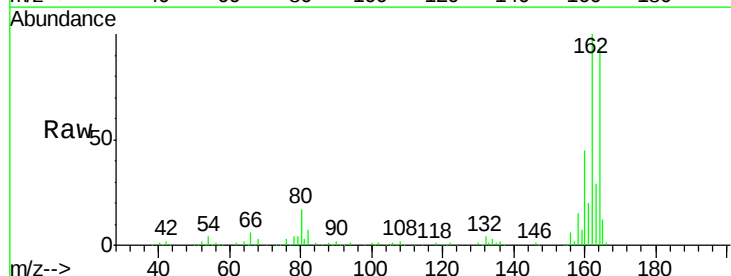


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

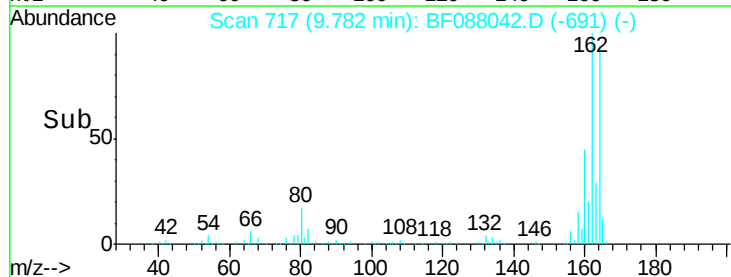
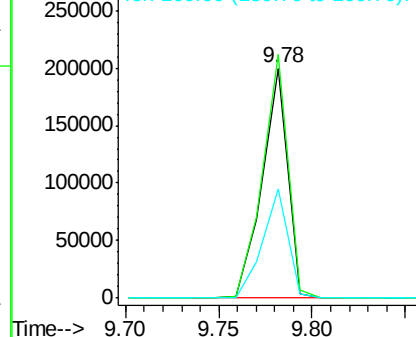


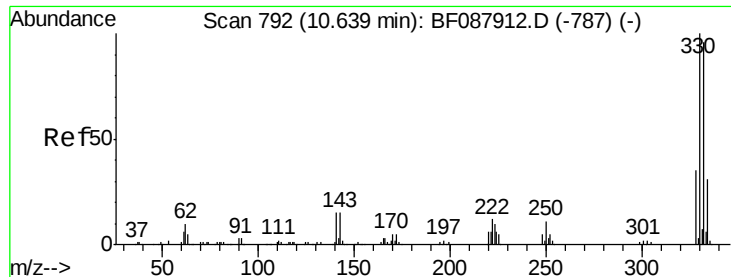
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF088042.D
Acq: 15 Jun 2016 19:10

Tgt Ion:164 Resp: 187134
Ion Ratio Lower Upper
164 100
162 106.0 85.4 128.2
160 47.3 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

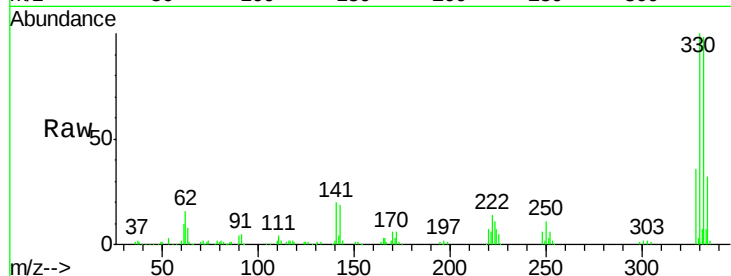




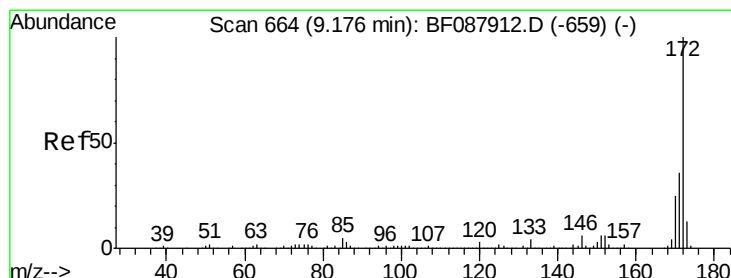
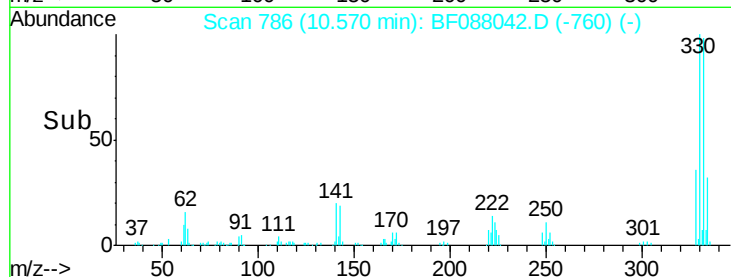
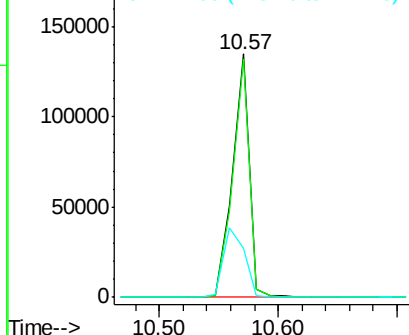
#41
 2,4,6-Tribromophenol
 Concen: 67.06 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF088042.D
 Acq: 15 Jun 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 181-01-SW-06142016

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	35.2	0.0	0.0#

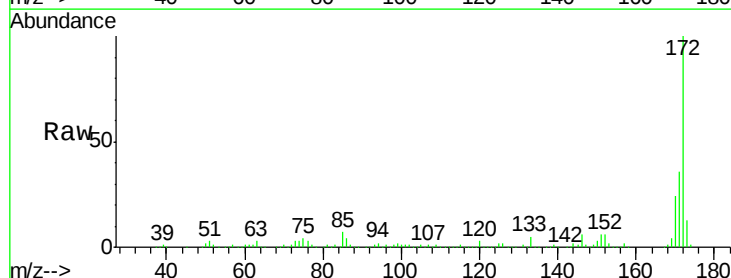


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

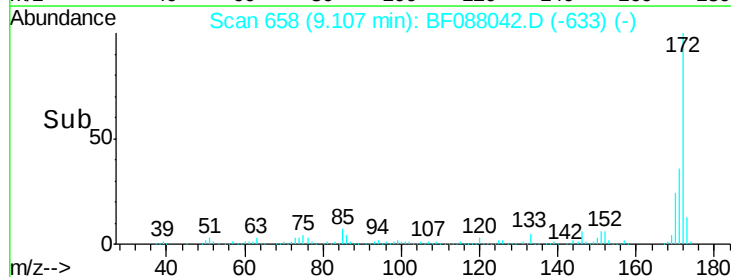
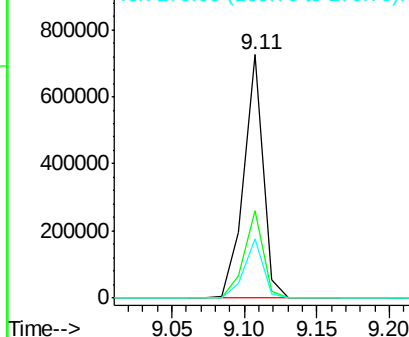


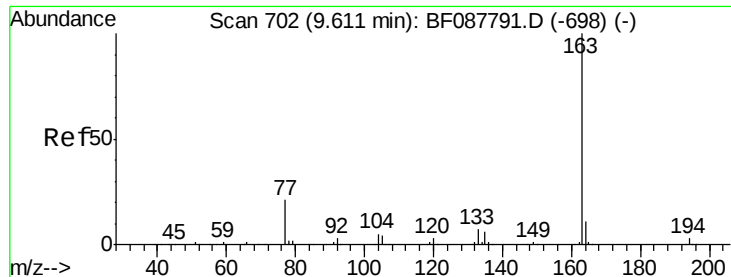
#44
 2-Fluorobiphenyl
 Concen: 54.60 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088042.D
 Acq: 15 Jun 2016 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.3	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: 10.06 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088042.D

Acq: 15 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

181-01-SW-06142016

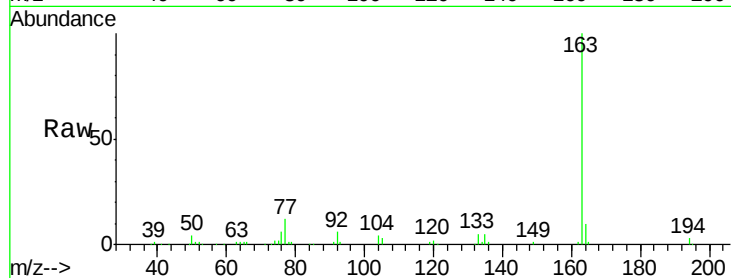
Tot Ion:163 Resp: 136427

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

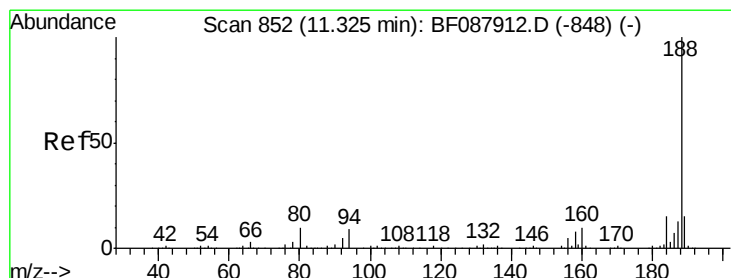
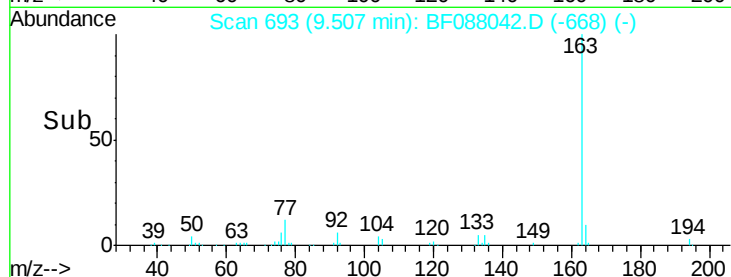
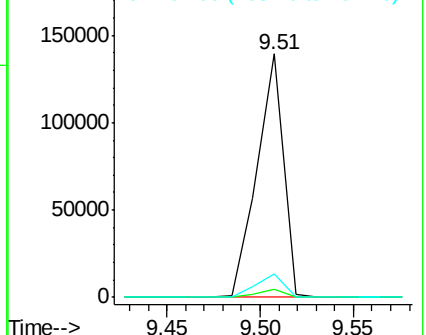
164 9.7 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF088042.D

Acq: 15 Jun 2016 19:10

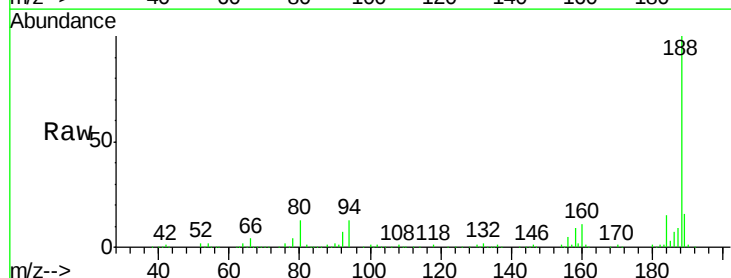
Tgt Ion:188 Resp: 324740

Ion Ratio Lower Upper

188 100

94 12.7 9.0 13.6

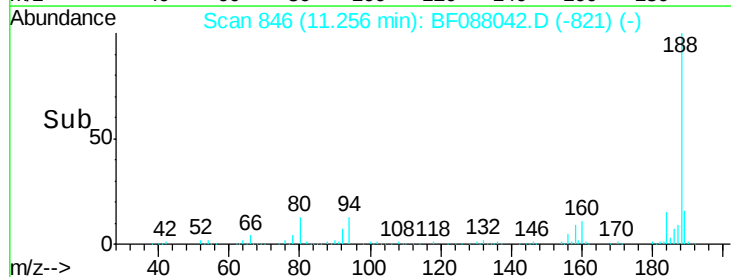
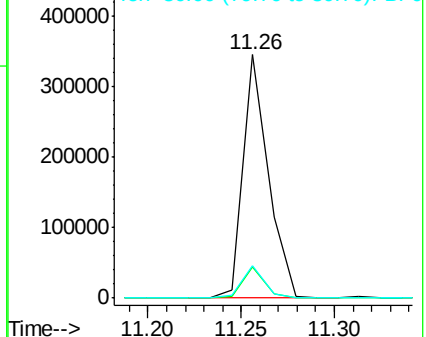
80 13.4 10.0 15.0

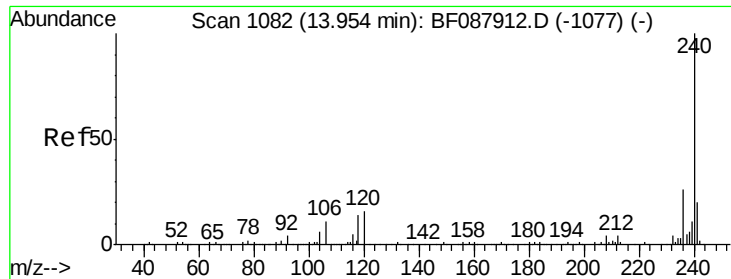


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF088042.D

Acq: 15 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

181-01-SW-06142016

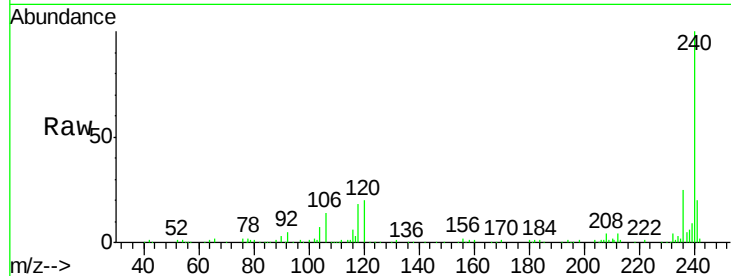
Tot Ion:240 Resp: 239455

Ion Ratio Lower Upper

240 100

120 20.3 6.8 10.2#

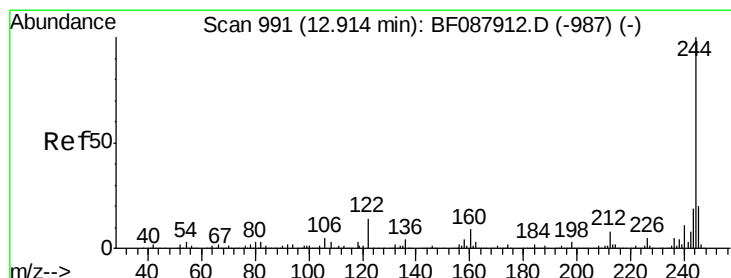
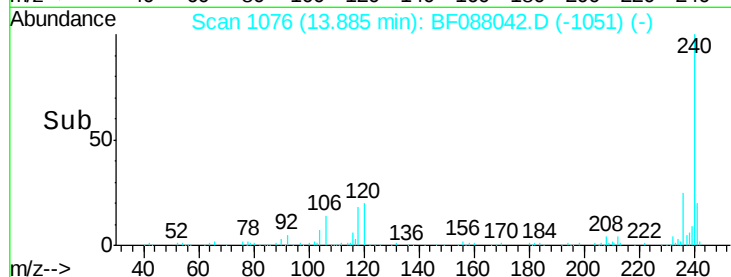
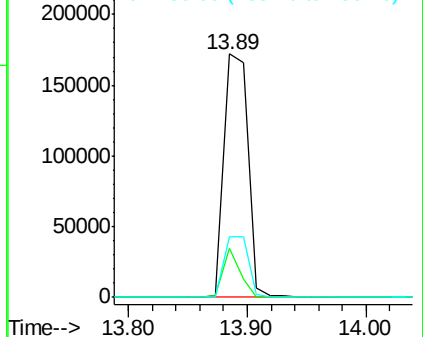
236 25.0 20.2 30.2



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: 50.87 ng

RT: 12.84 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF088042.D

Acq: 15 Jun 2016 19:10

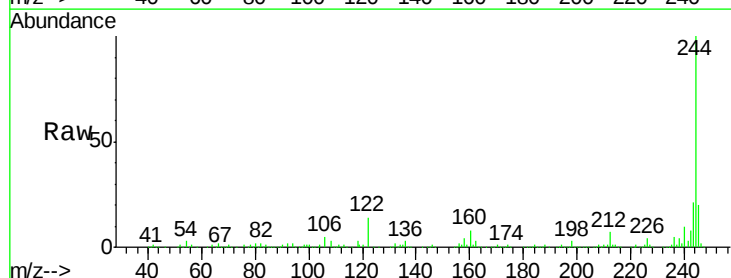
Tgt Ion:244 Resp: 535353

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

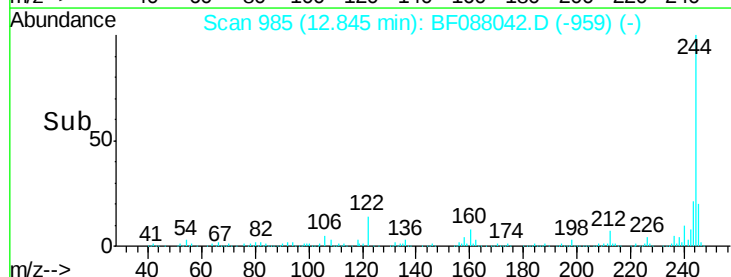
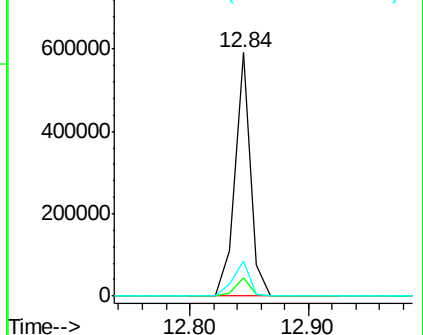
122 14.2 11.2 16.8

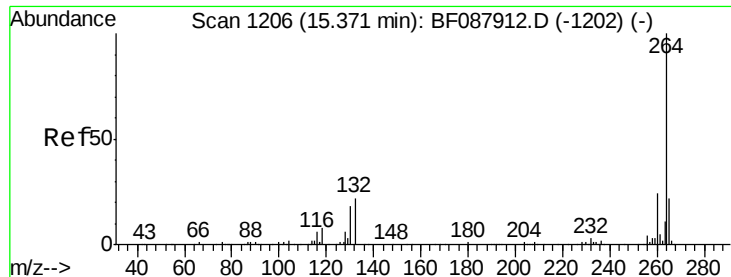


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

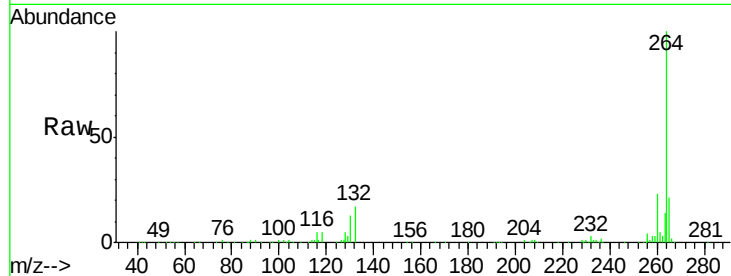




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF088042.D
Acq: 15 Jun 2016 19:10

Instrument :
BNA_F
ClientSampleId :
181-01-SW-06142016

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	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

