

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
 Data File : BF088077.D
 Acq On : 16 Jun 2016 15:55
 Operator : UM/SJ
 Sample : PB91188TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91188TB

Quant Time: Jun 16 16:58:39 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 14:54:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	99523	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	384266	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	172958	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	333134	20.00	ng	0.00
75) Chrysene-d12	13.86	240	274921	20.00	ng	0.00
86) Perylene-d12	15.25	264	230004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	623812	107.15	ng	0.01
7) Phenol-d6	6.36	99	827147	117.24	ng	0.00
23) Nitrobenzene-d5	7.28	82	496919	75.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	172078	94.22	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	942541	85.65	ng	0.00
78) Terphenyl-d14	12.82	244	809243	66.98	ng	0.00

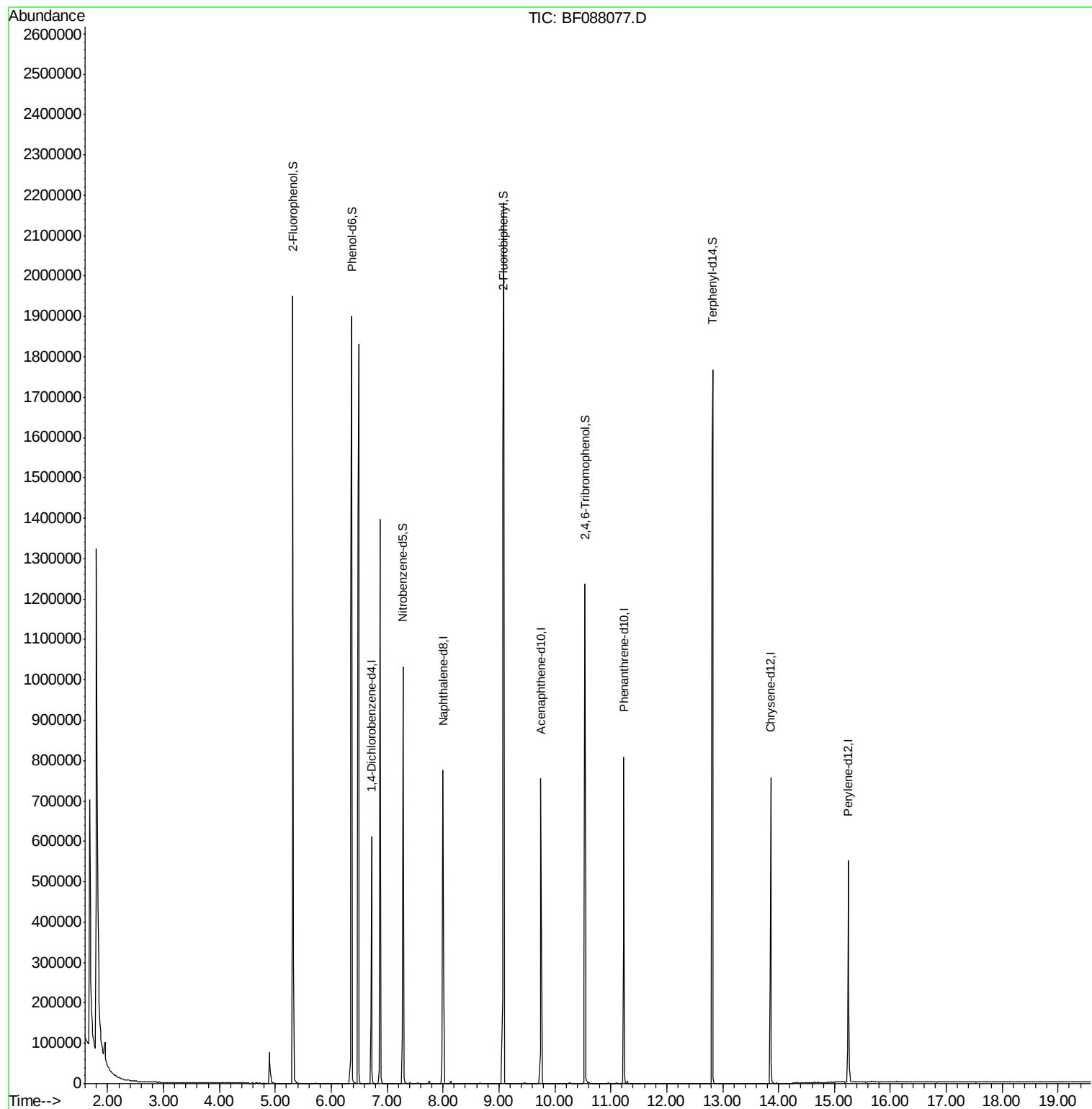
Target Compounds Qvalue

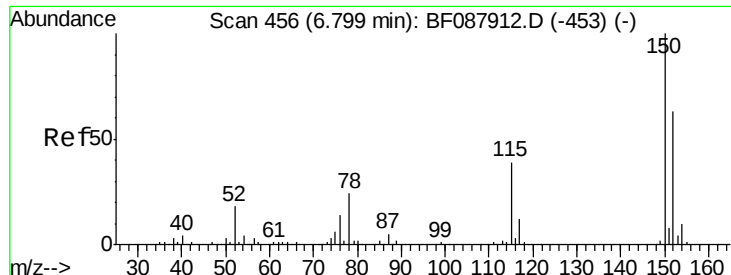
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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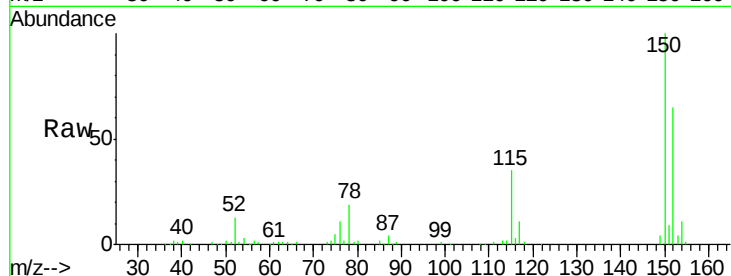


#1

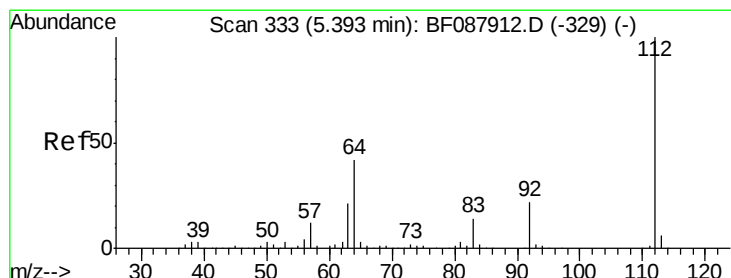
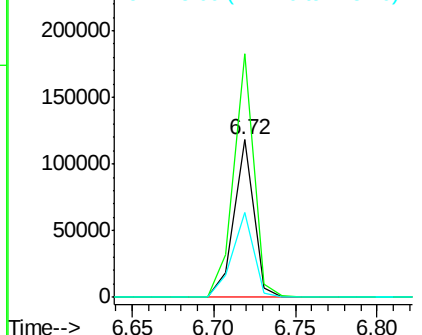
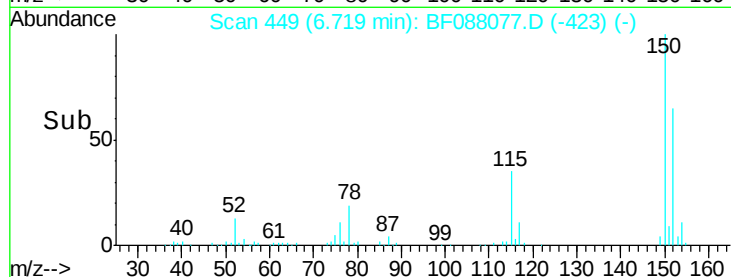
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF088077.D
 Acq: 16 Jun 2016 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB91188TB

Tot Ion	152	Resp	99523
Ion Ratio	Lower	Upper	
152	100		
150	154.4	123.8	185.6
115	53.8	39.6	59.4



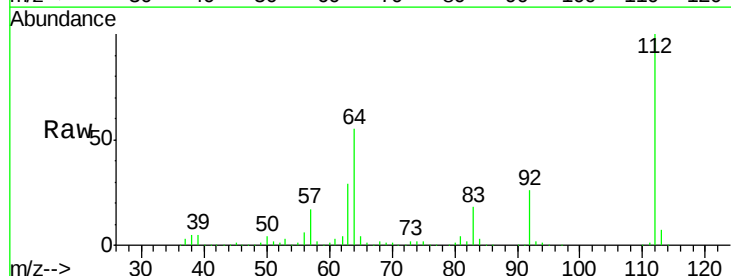
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



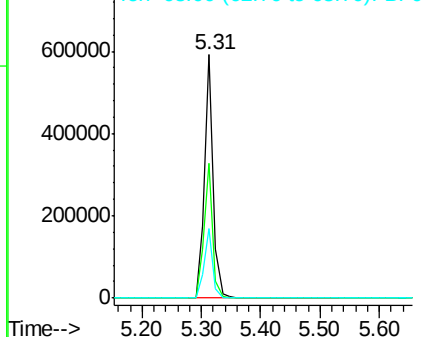
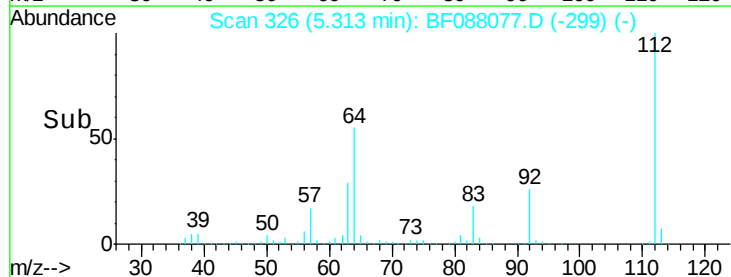
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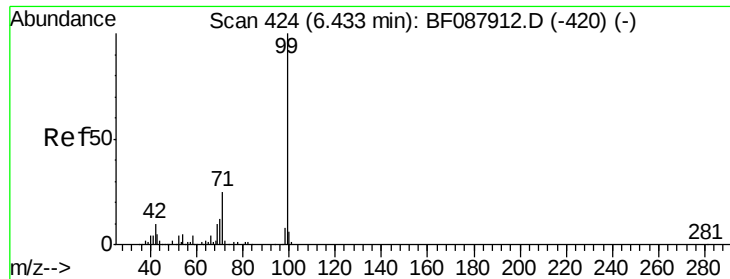
2-Fluorophenol
 Concen: 107.15 ng
 RT: 5.31 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: BF088077.D
 Acq: 16 Jun 2016 15:55

Tgt Ion	112	Resp	623812
Ion Ratio	Lower	Upper	
112	100		
64	55.2	42.2	63.2
63	28.6	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: 117.24 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088077.D

Acq: 16 Jun 2016 15:55

Instrument :

BNA_F

ClientSampleId :

PB91188TB

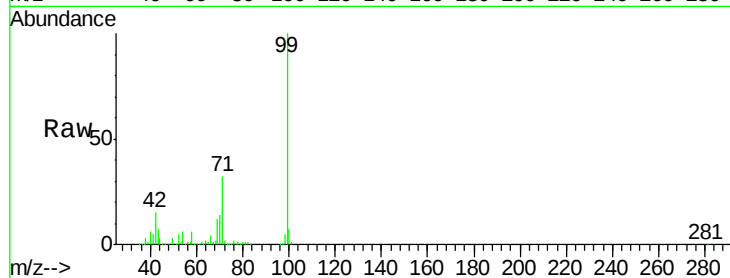
Tot Ion: 99 Resp: 827147

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

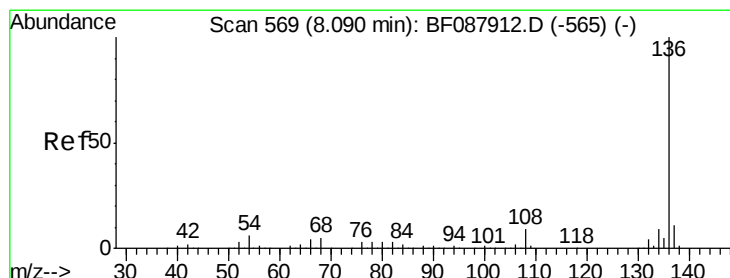
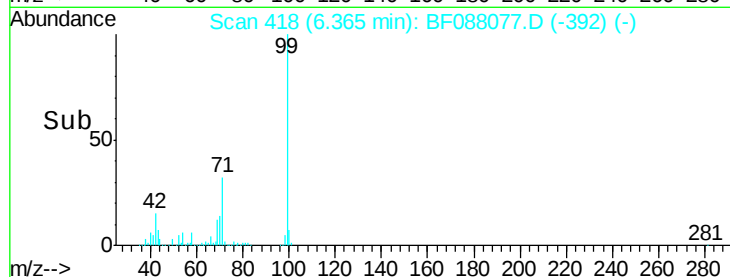
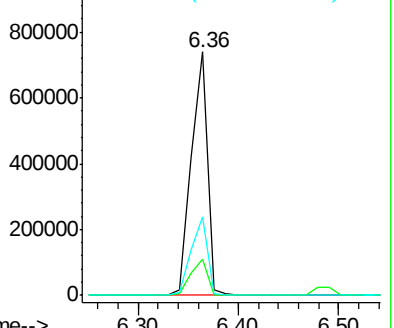
71 32.5 23.4 35.0



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: 8.00 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF088077.D

Acq: 16 Jun 2016 15:55

Tgt Ion: 136 Resp: 384266

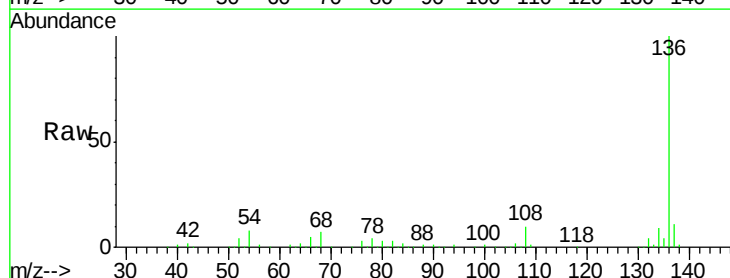
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.0 6.6 10.0

68 6.5 5.1 7.7

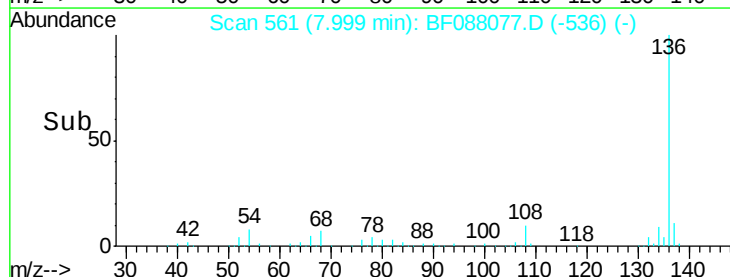
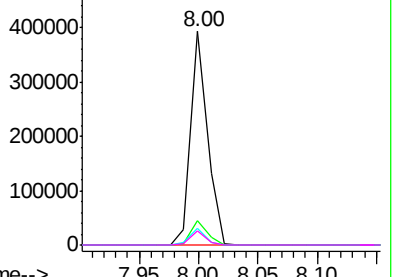


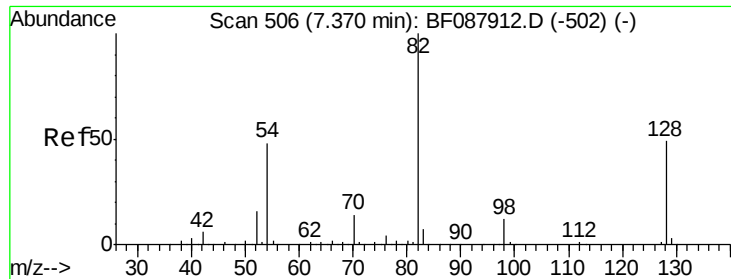
Abundance Ion 136.00 (135.70 to 136.70): E

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

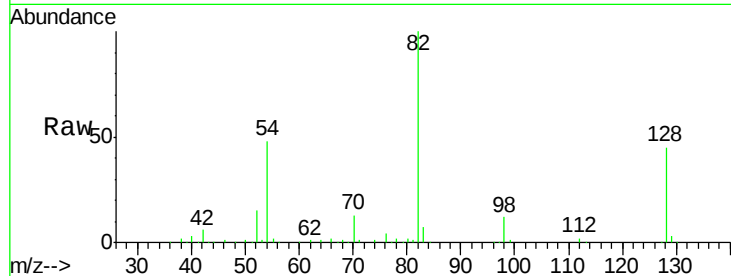




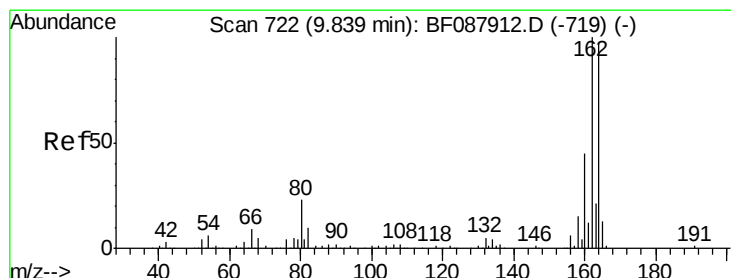
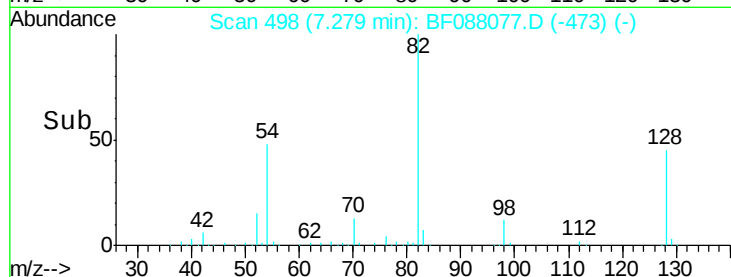
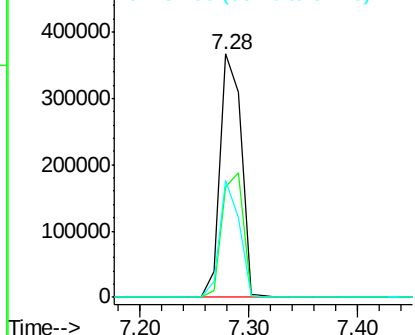
#23
Nitrobenzene-d5
Concen: 75.51 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF088077.D
Acq: 16 Jun 2016 15:55

Instrument :
BNA_F
ClientSampleID :
PB91188TB

Tot Ion: 82 Resp: 496919
Ion Ratio Lower Upper
82 100
128 45.3 35.9 53.9
54 48.0 40.9 61.3

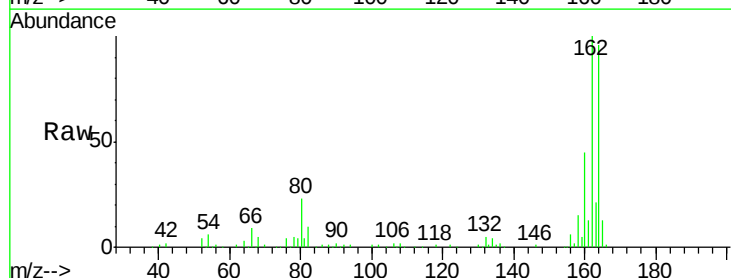


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

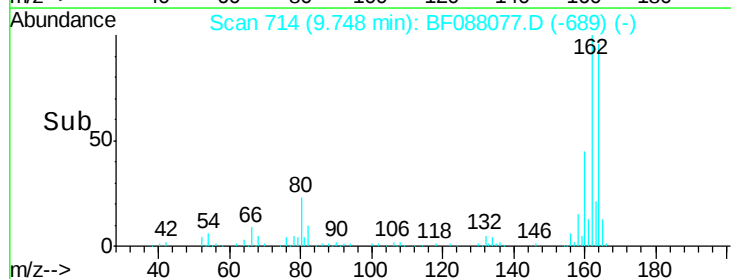
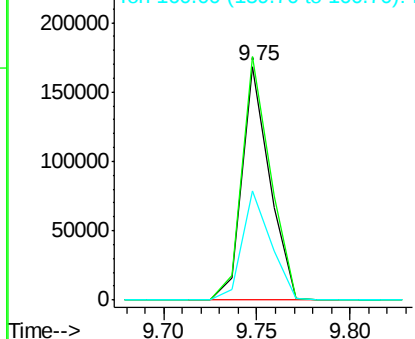


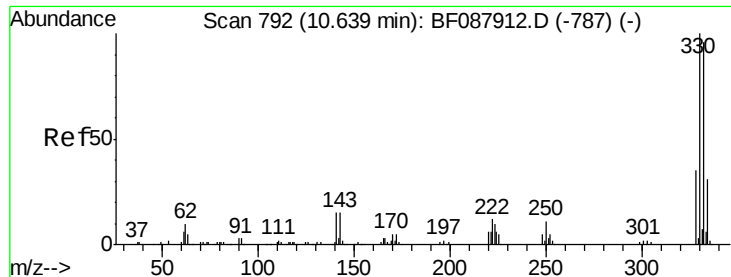
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF088077.D
Acq: 16 Jun 2016 15:55

Tgt Ion:164 Resp: 172958
Ion Ratio Lower Upper
164 100
162 104.1 85.4 128.2
160 46.8 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

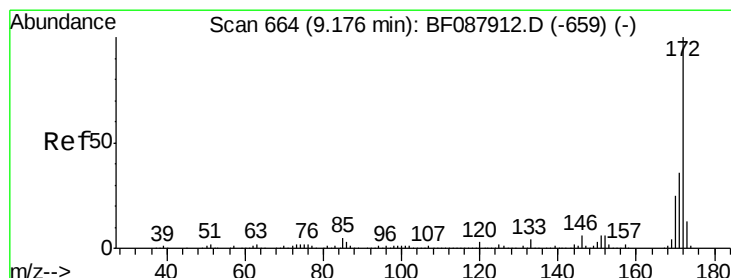
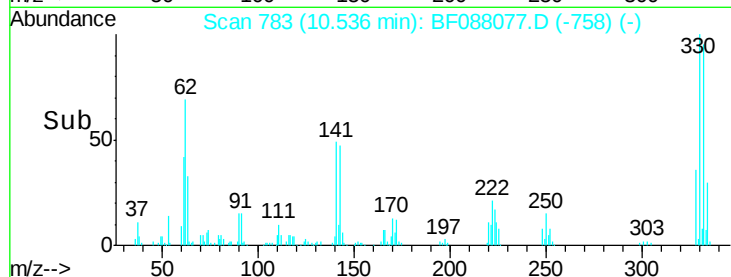
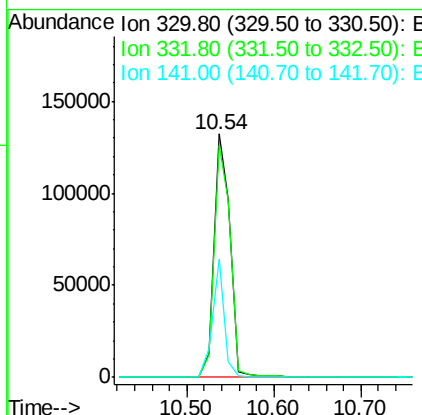
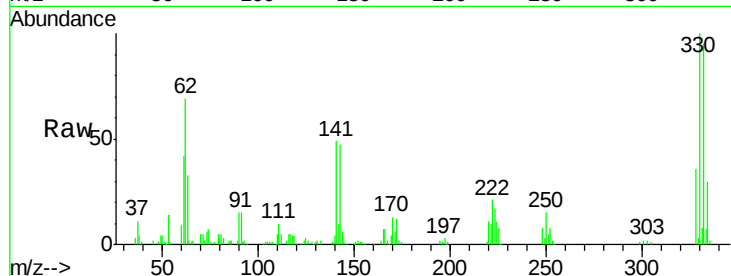




#41
 2,4,6-Tribromophenol
 Concen: 94.22 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF088077.D
 Acq: 16 Jun 2016 15:55

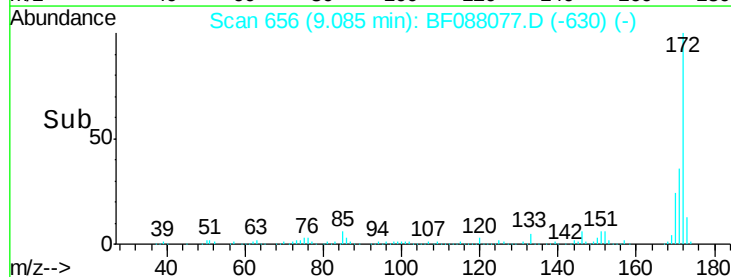
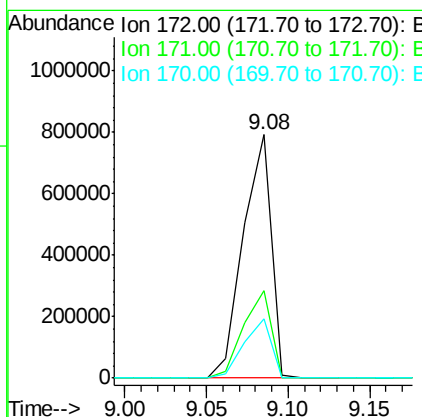
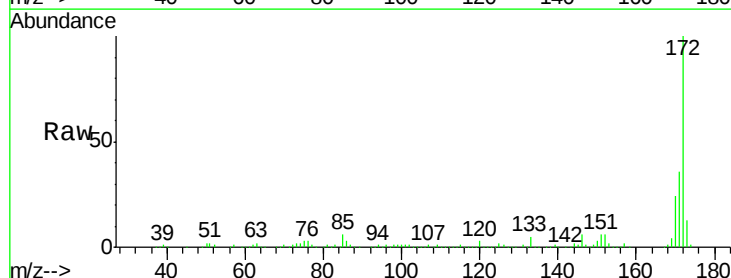
Instrument :
 BNA_F
 ClientSampleId :
 PB91188TB

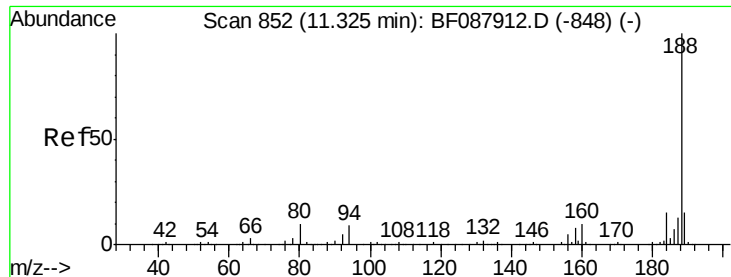
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	36.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 85.65 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088077.D
 Acq: 16 Jun 2016 15:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.3	19.2	28.8

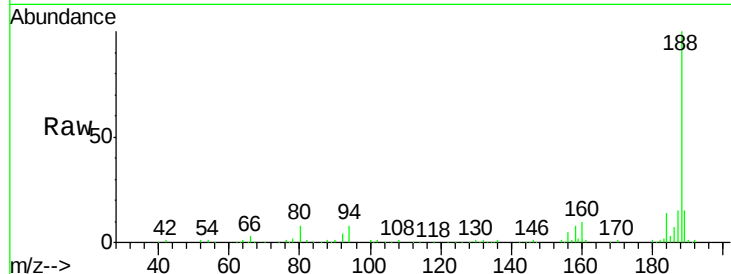




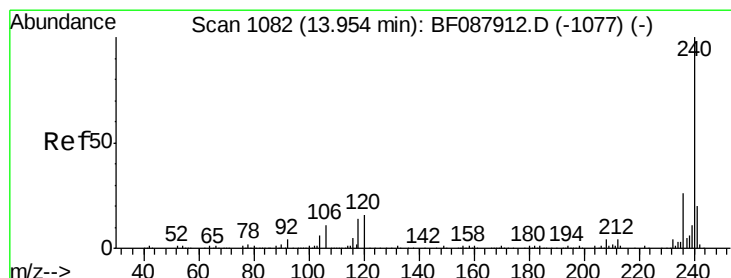
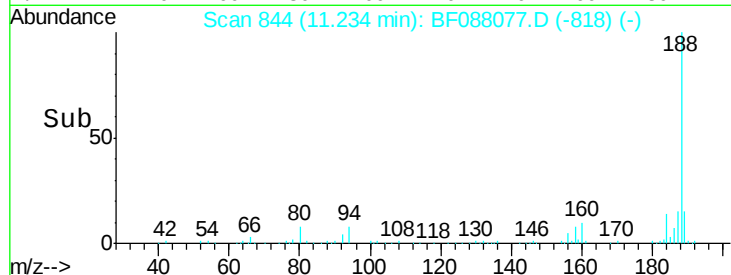
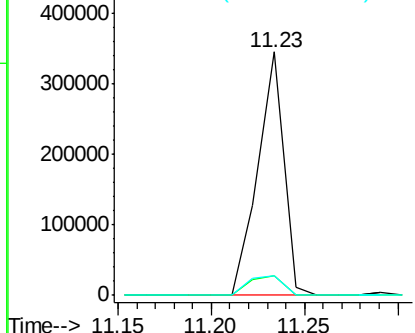
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF088077.D
Acq: 16 Jun 2016 15:55

Instrument :
BNA_F
ClientSampleId :
PB91188TB

Tot Ion:188 Resp: 333134
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.6#
80 8.0 10.0 15.0#

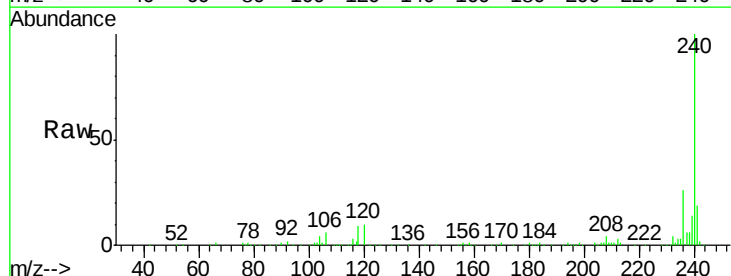


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

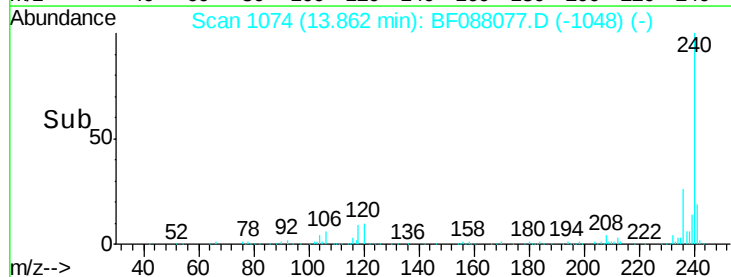
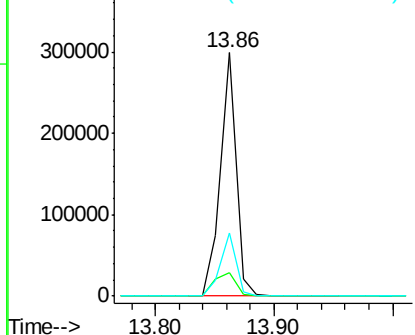


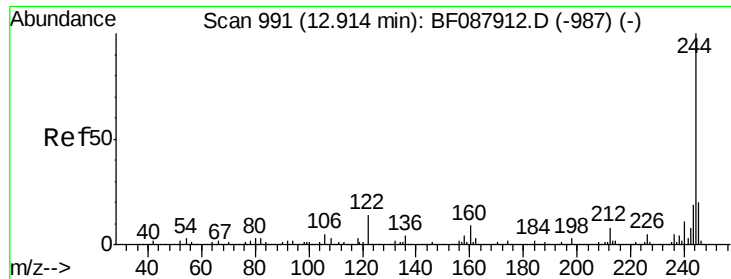
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF088077.D
Acq: 16 Jun 2016 15:55

Tgt Ion:240 Resp: 274921
Ion Ratio Lower Upper
240 100
120 9.8 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

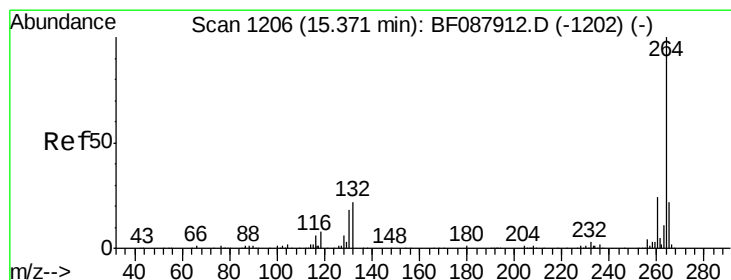
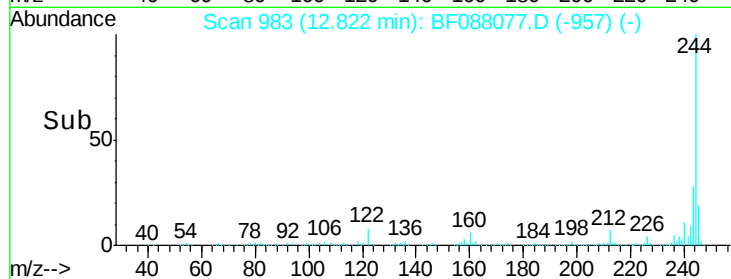
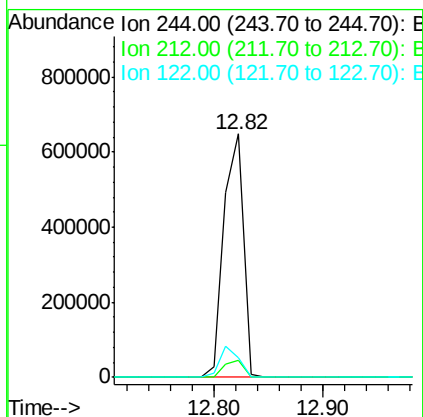
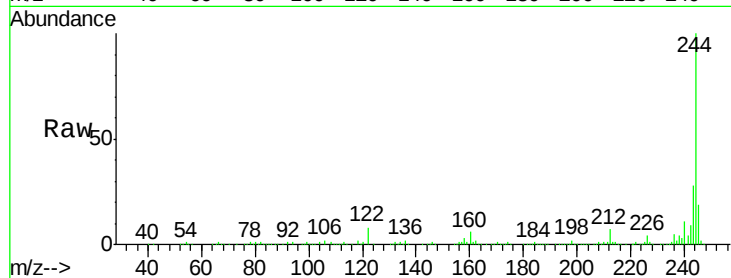




#78
 Terphenyl-d14
 Concen: 66.98 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088077.D
 Acq: 16 Jun 2016 15:55

Instrument :
 BNA_F
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Tot Ion:244 Resp: 809243
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.2 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF088077.D
 Acq: 16 Jun 2016 15:55

Tgt Ion:264 Resp: 230004
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.0 16.9 25.3

