

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088820.D
 Acq On : 8 Jul 2016 12:35
 Operator : UM/SJ
 Sample : PB91761TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91761TB

Quant Time: Jul 08 19:15:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	84126	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	323624	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	153659	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	309112	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	299600	20.00	ng	-0.01
86) Perylene-d12	15.25	264	266788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	539238	96.07	ng	0.00
7) Phenol-d6	6.38	99	729580	100.59	ng	0.00
23) Nitrobenzene-d5	7.29	82	392198	63.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	158775	111.27	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	820581	84.35	ng	0.00
78) Terphenyl-d14	12.82	244	761333	56.60	ng	0.00

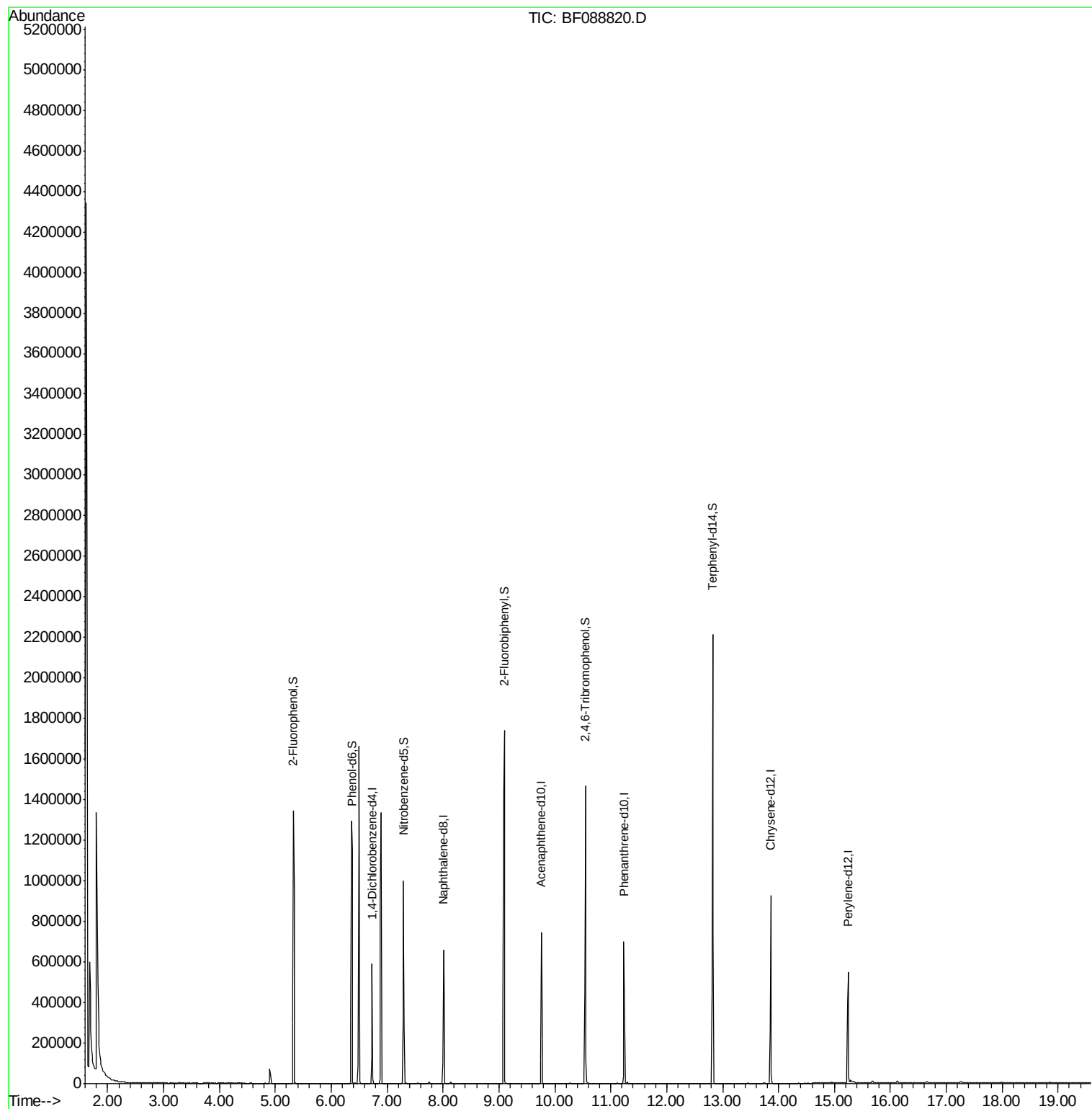
Target Compounds	Qvalue
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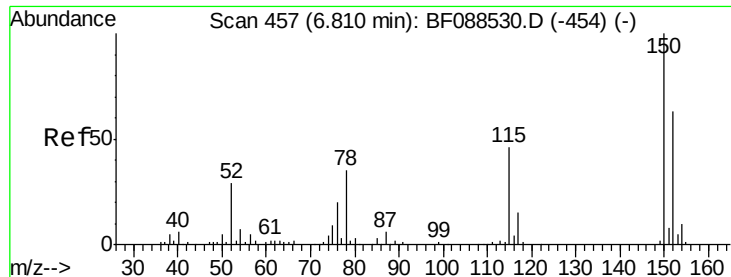
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

Instrument :

BNA_F

ClientSampleId :

PB91761TB

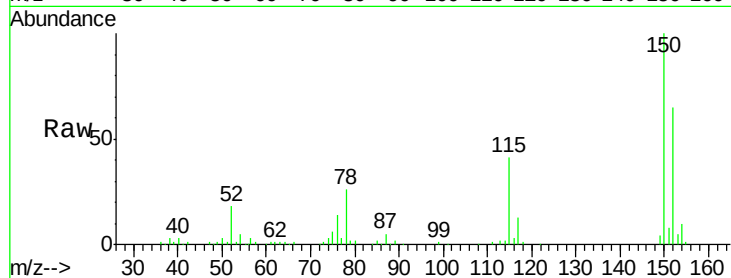
Tgt Ion:152 Resp: 84126

Ion Ratio Lower Upper

152 100

150 154.8 123.8 185.6

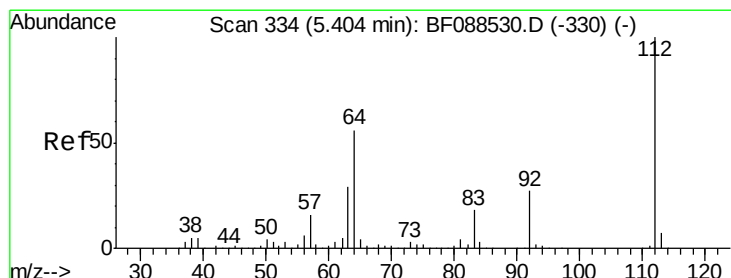
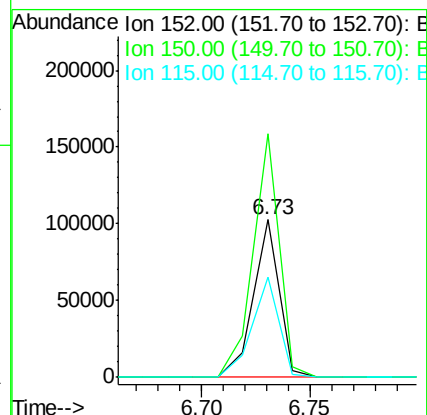
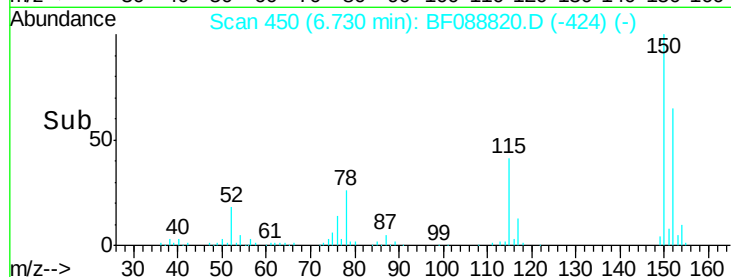
115 63.9 39.6 59.4#



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: 96.07 ng

RT: 5.32 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

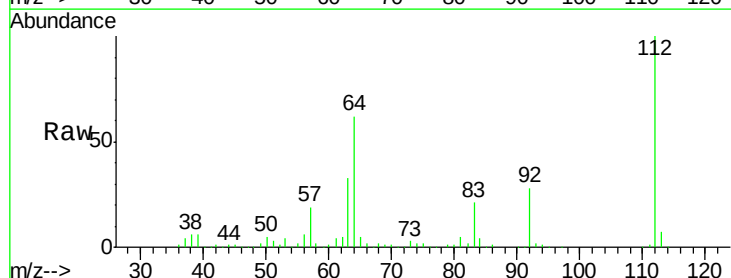
Tgt Ion:112 Resp: 539238

Ion Ratio Lower Upper

112 100

64 61.6 42.2 63.2

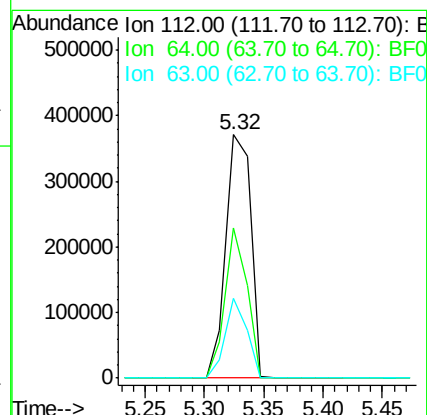
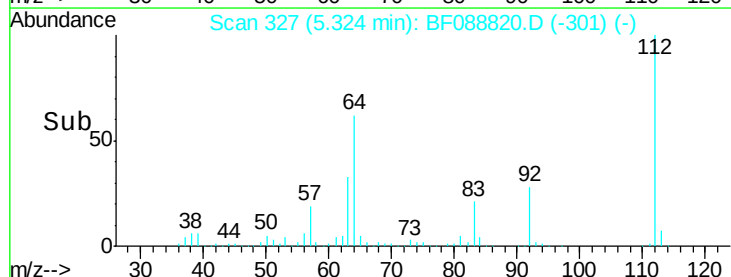
63 32.7 21.8 32.8

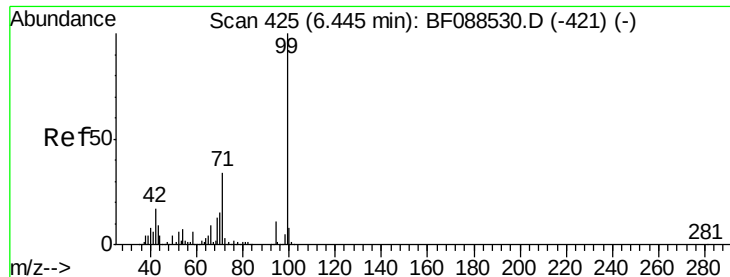


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.59 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

Instrument :

BNA_F

ClientSampleId :

PB91761TB

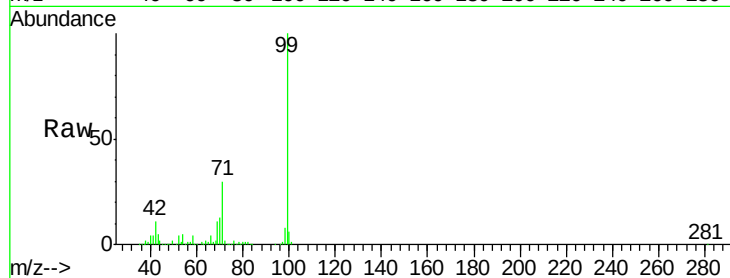
Tgt Ion: 99 Resp: 729580

Ion Ratio Lower Upper

99 100

42 11.0 12.2 18.2#

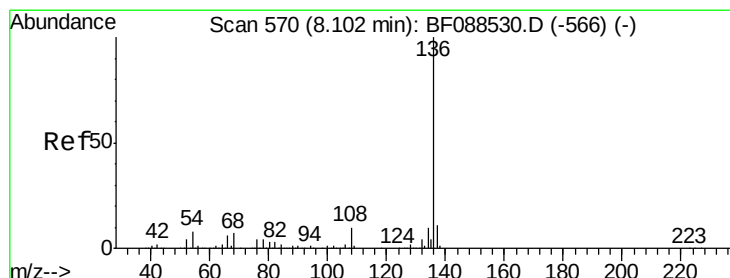
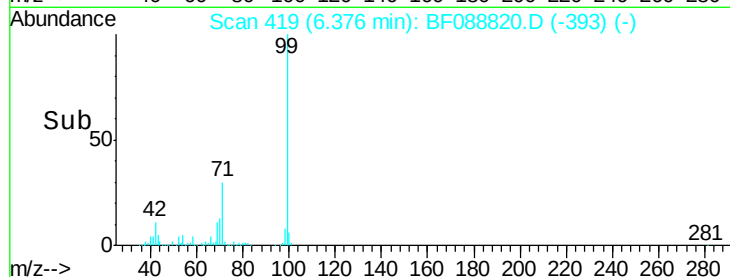
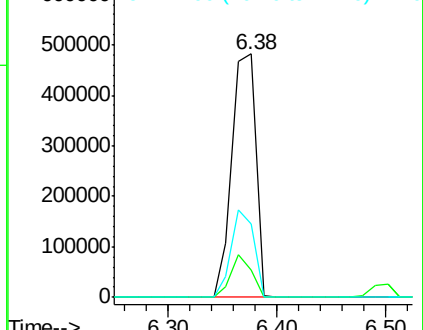
71 29.9 23.4 35.0



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: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088820.D

Acq: 8 Jul 2016 12:35

Tgt Ion: 136 Resp: 323624

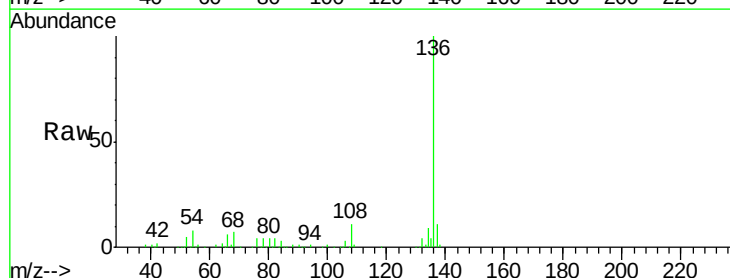
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.0 6.6 10.0

68 6.5 5.1 7.7

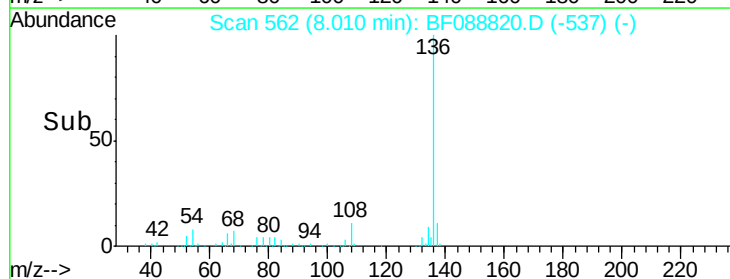
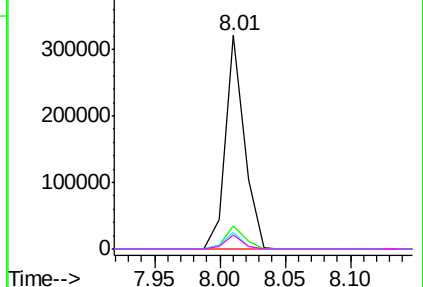


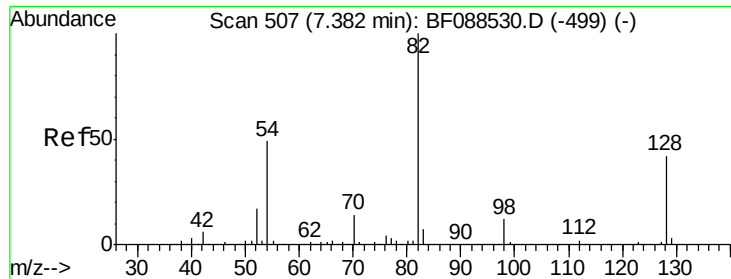
Abundance Ion 136.00 (135.70 to 136.70): E

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

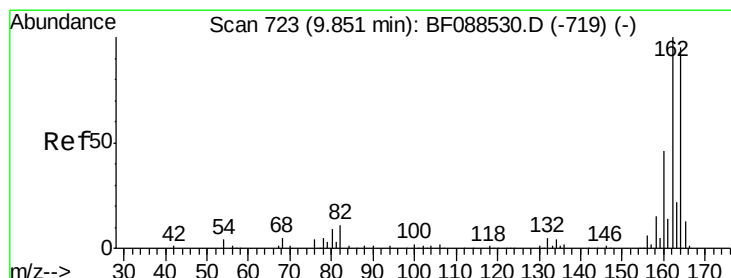
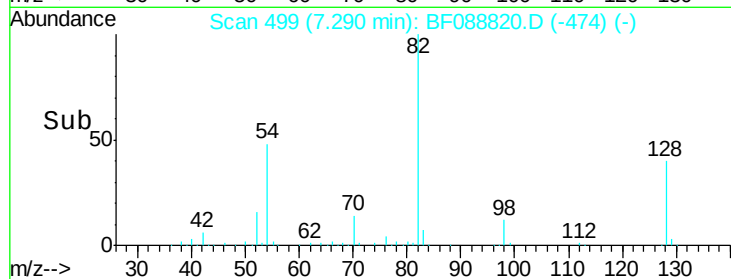
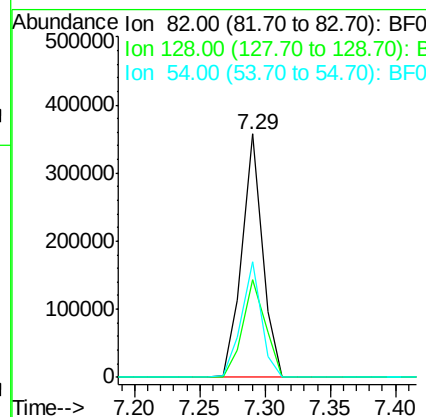
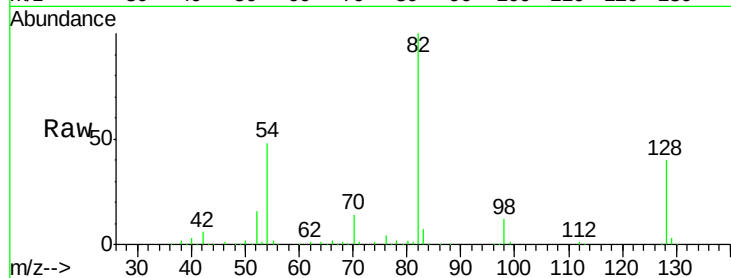




#23
 Nitrobenzene-d5
 Concen: 63.51 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088820.D
 Acq: 8 Jul 2016 12:35

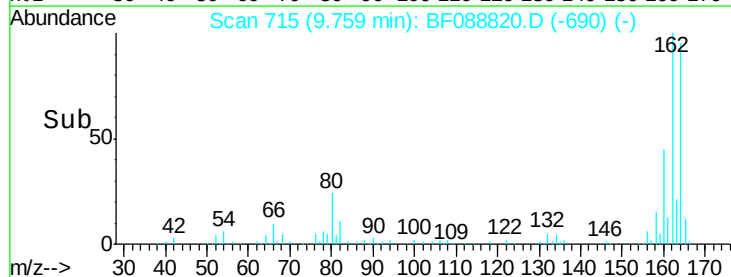
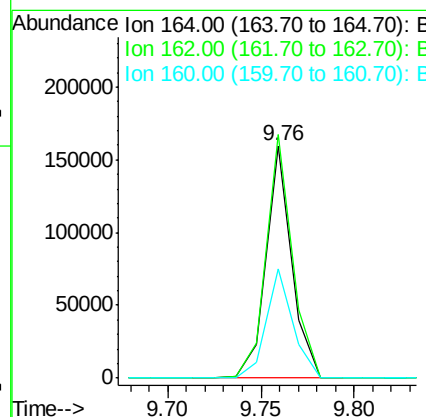
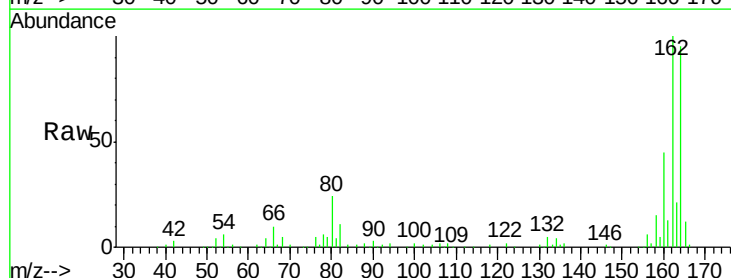
Instrument :
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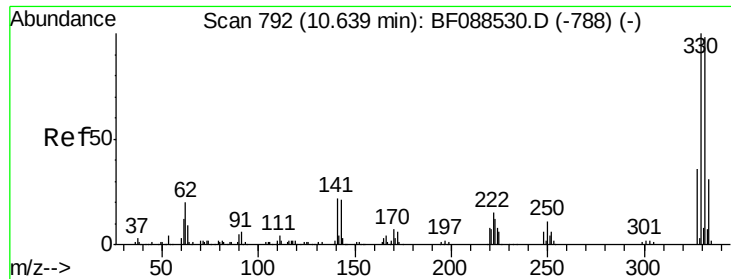
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	35.9	53.9
54	47.7	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088820.D
 Acq: 8 Jul 2016 12:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.4	128.2
160	47.2	39.5	59.3

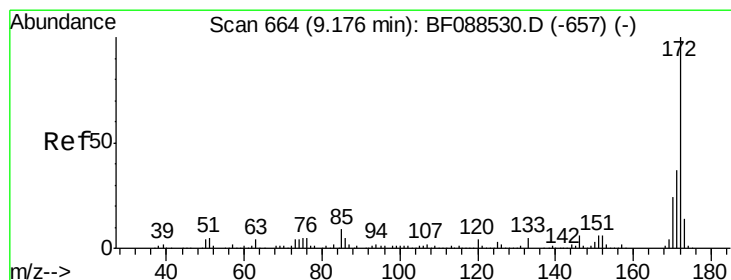
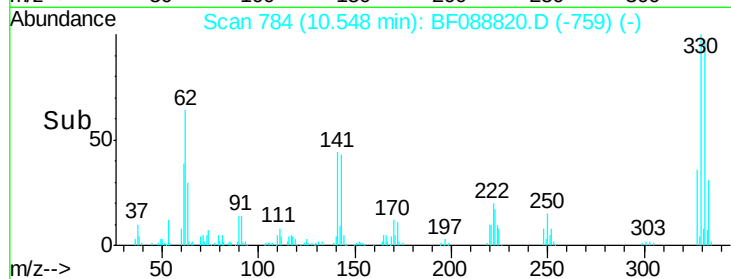
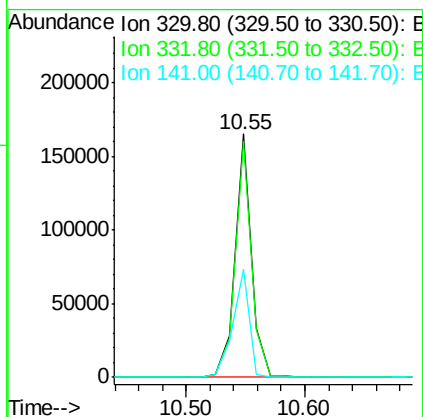
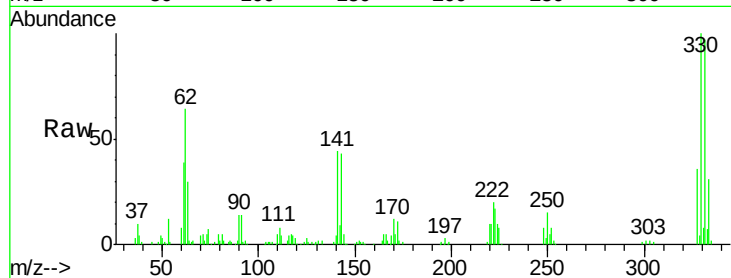




#41
 2,4,6-Tribromophenol
 Concen: 111.27 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088820.D
 Acq: 8 Jul 2016 12:35

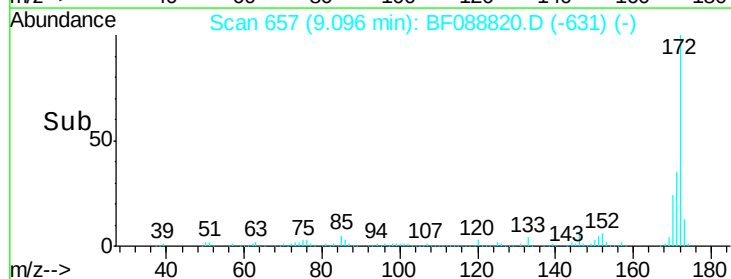
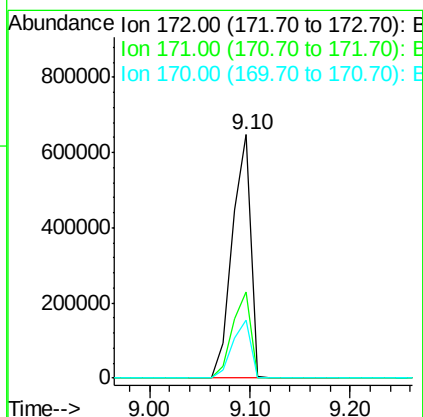
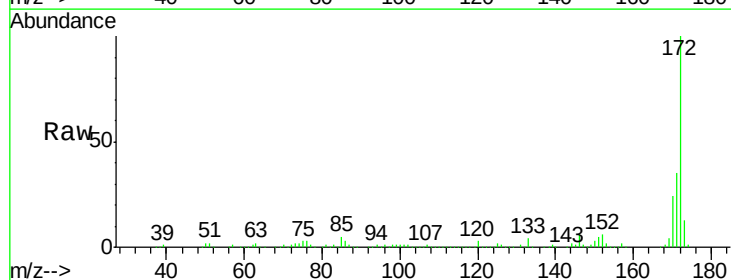
Instrument :
 BNA_F
 ClientSampleId :
 PB91761TB

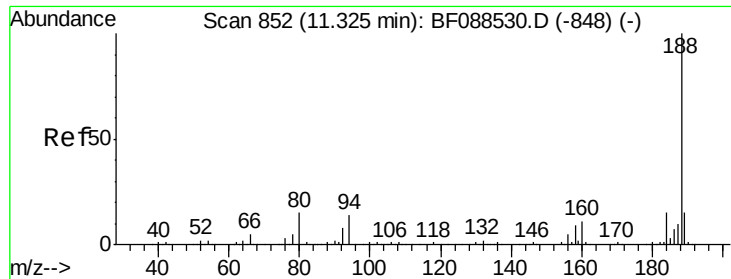
Tgt Ion:330 Resp: 158775
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 44.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.35 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088820.D
 Acq: 8 Jul 2016 12:35

Tgt Ion:172 Resp: 820581
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.6 19.2 28.8

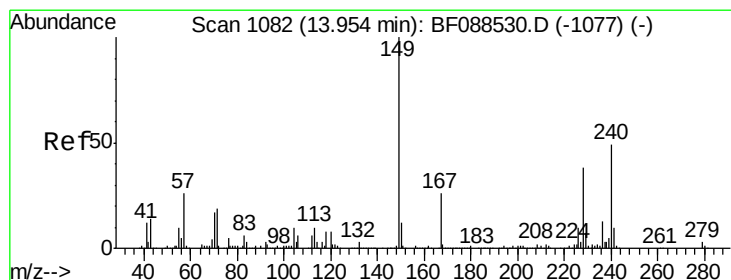
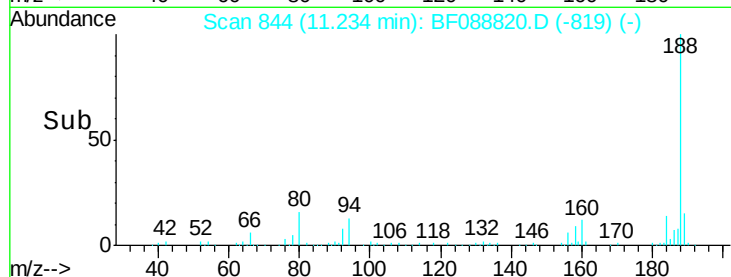
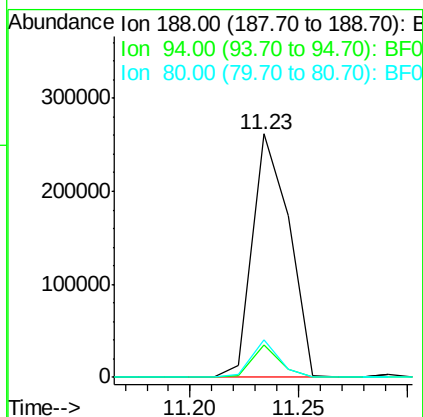
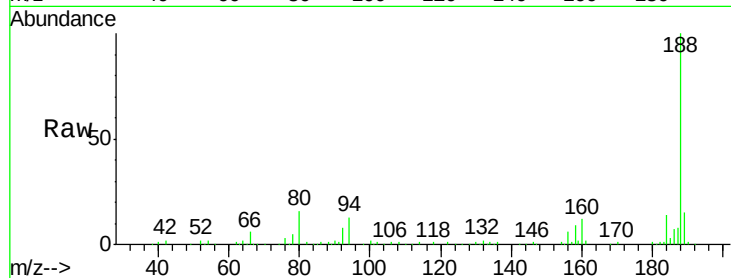




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088820.D
Acq: 8 Jul 2016 12:35

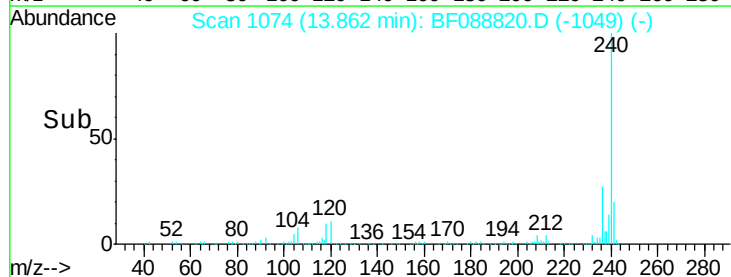
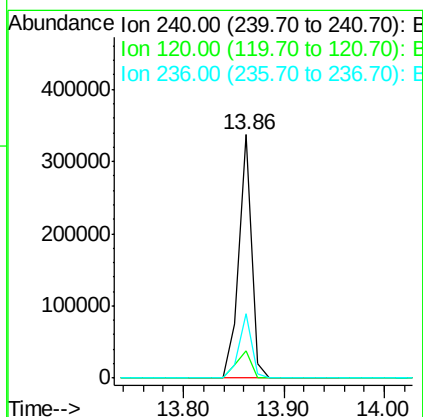
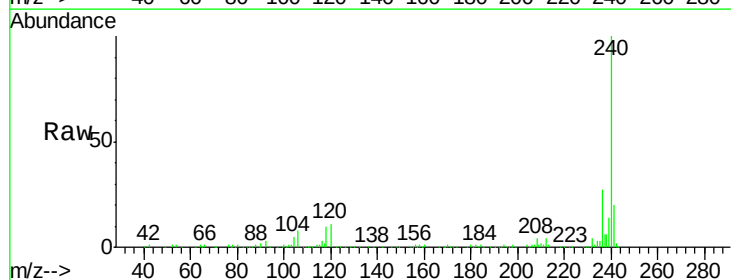
Instrument :
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ClientSampleId :
PB91761TB

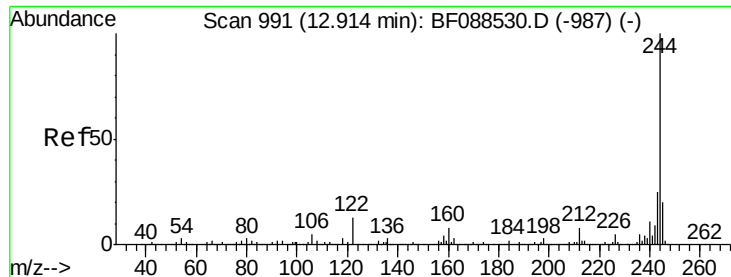
Tgt Ion:188 Resp: 309112
Ion Ratio Lower Upper
188 100
94 13.2 9.0 13.6
80 15.6 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088820.D
Acq: 8 Jul 2016 12:35

Tgt Ion:240 Resp: 299600
Ion Ratio Lower Upper
240 100
120 11.3 6.8 10.2#
236 26.5 20.2 30.2

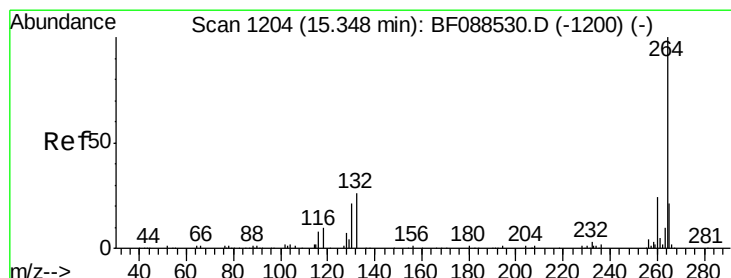
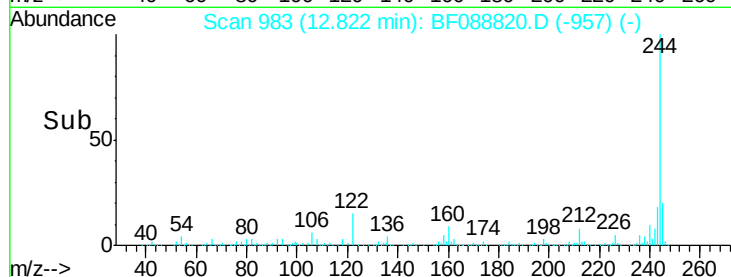
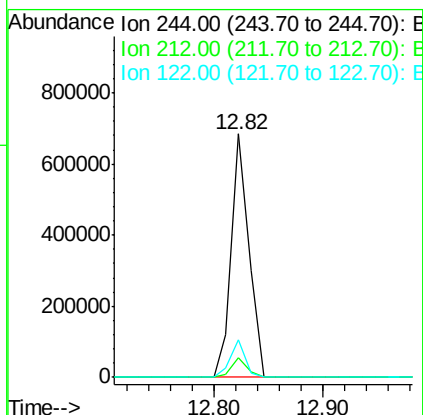
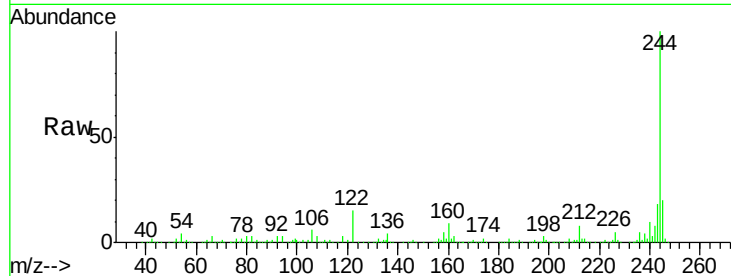




#78
 Terphenyl-d14
 Concen: 56.60 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088820.D
 Acq: 8 Jul 2016 12:35

Instrument :
 BNA_F
 ClientSampleId :
 PB91761TB

Tgt Ion:244 Resp: 761333
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.2 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: BF088820.D
 Acq: 8 Jul 2016 12:35

Tgt Ion:264 Resp: 266788
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.5 16.9 25.3

