

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
 Data File : BF088441.D
 Acq On : 27 Jun 2016 6:59
 Operator : UM/SJ
 Sample : PB91573TB
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

Quant Time: Jun 27 09:21:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 09:02:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	73845	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	297966	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	134990	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	231328	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	157747	20.00	ng	-0.01
86) Perylene-d12	15.03	264	135581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	519672	120.31	ng	0.01
7) Phenol-d6	6.22	99	589321	112.57	ng	-0.01
23) Nitrobenzene-d5	7.12	82	372087	72.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	124597	87.42	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	698091	80.98	ng	-0.01
78) Terphenyl-d14	12.64	244	550886	79.47	ng	0.00

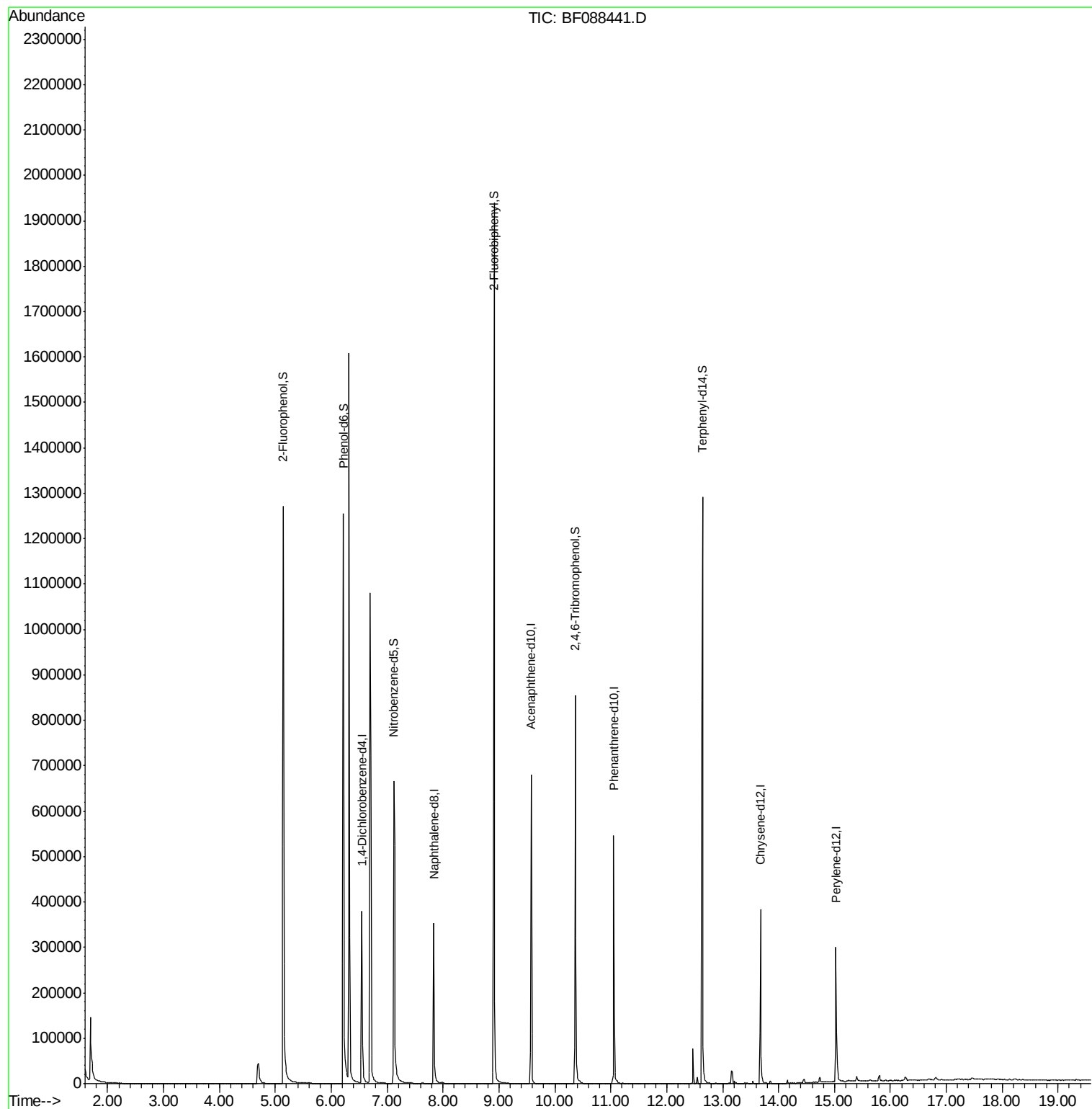
Target Compounds	Qvalue
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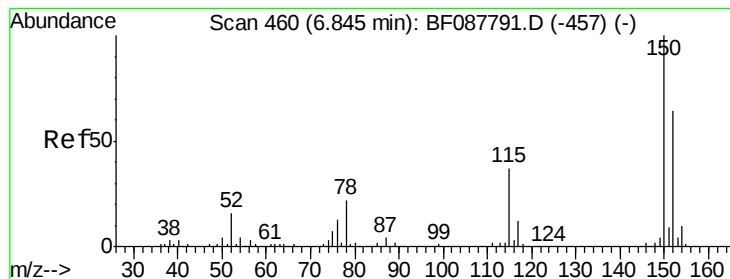
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.00 min

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BNA_F

ClientSampleId :

PB91573TB

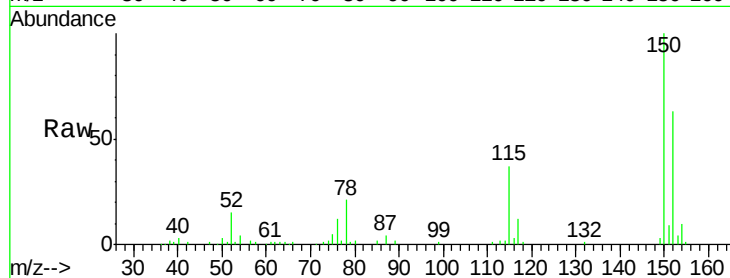
Tgt Ion:152 Resp: 73845

Ion Ratio Lower Upper

152 100

150 157.7 123.8 185.6

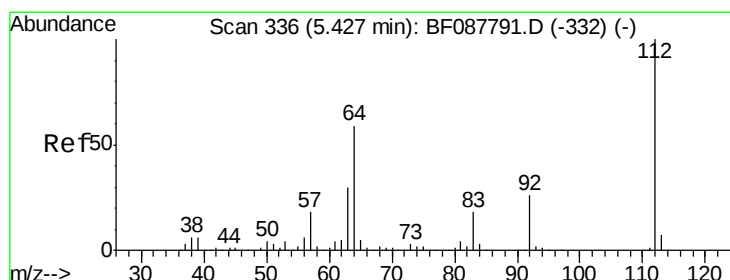
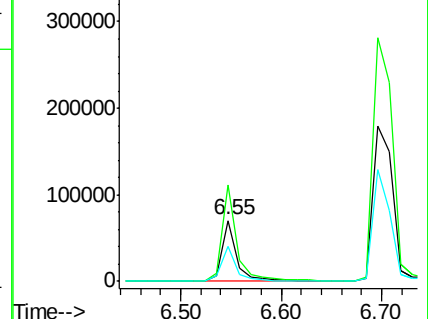
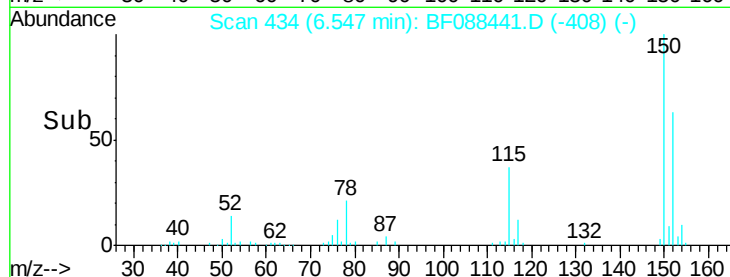
115 58.0 39.6 59.4



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: 120.31 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF088441.D

Acq: 27 Jun 2016 6:59

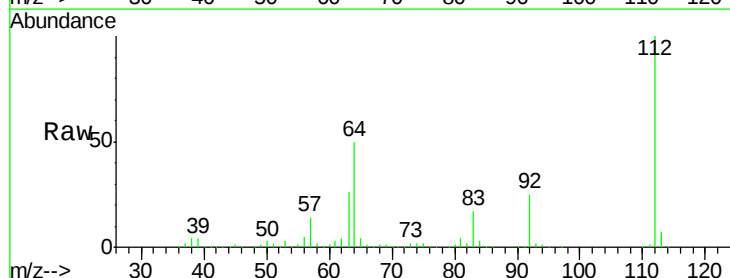
Tgt Ion:112 Resp: 519672

Ion Ratio Lower Upper

112 100

64 50.3 42.2 63.2

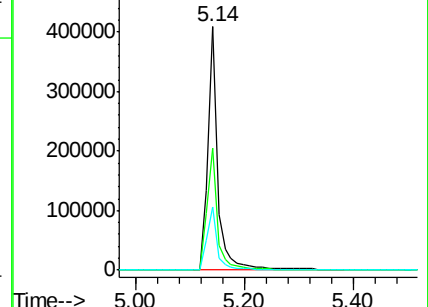
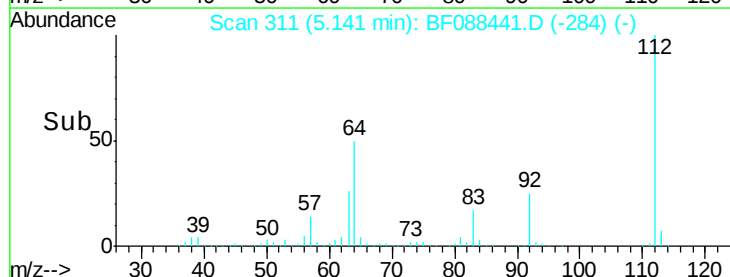
63 26.0 21.8 32.8



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: 112.57 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF088441.D

Acq: 27 Jun 2016 6:59

Instrument :

BNA_F

ClientSampleId :

PB91573TB

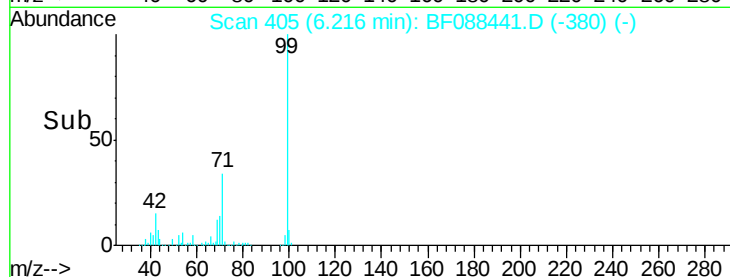
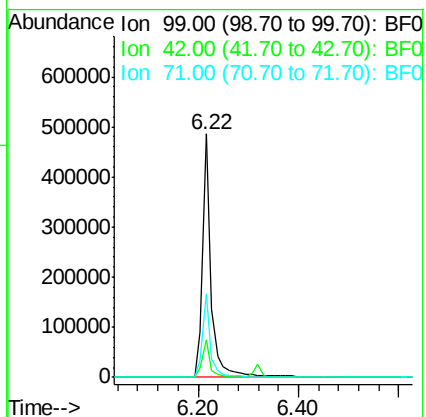
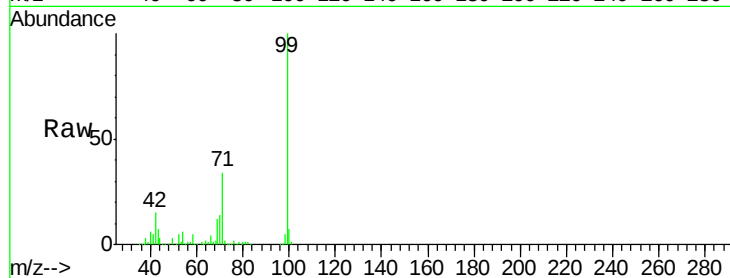
Tgt Ion: 99 Resp: 589321

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

71 34.3 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF088441.D

Acq: 27 Jun 2016 6:59

Tgt Ion: 136 Resp: 297966

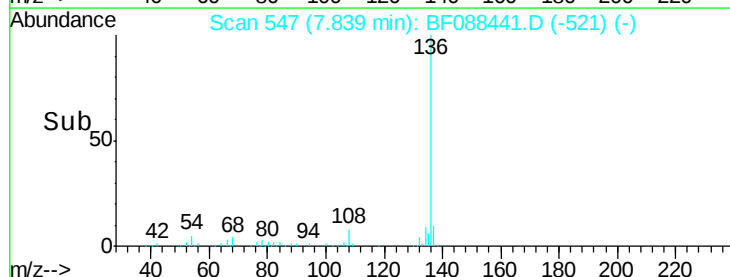
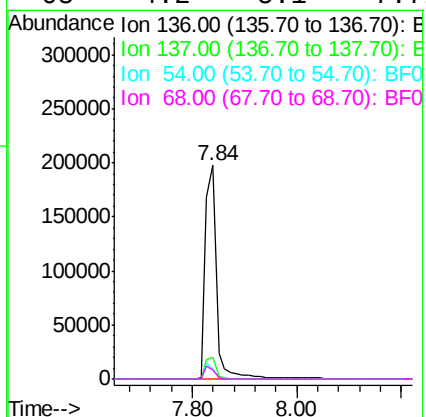
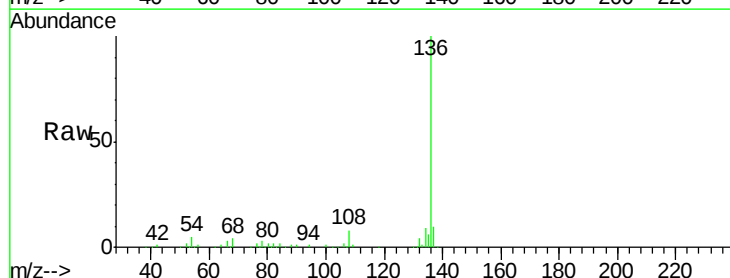
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 4.8 6.6 10.0#

68 4.2 5.1 7.7#

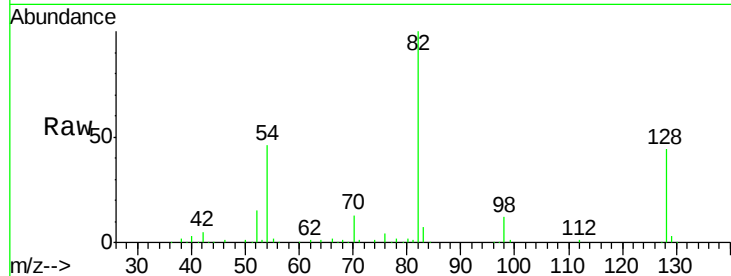




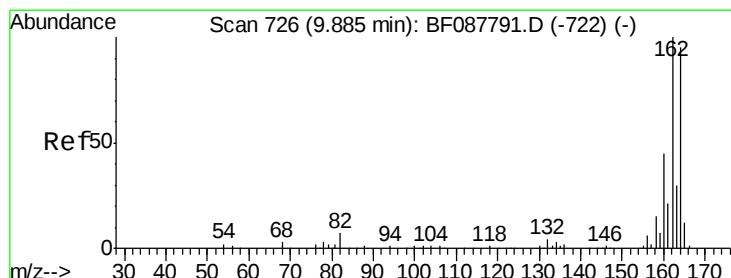
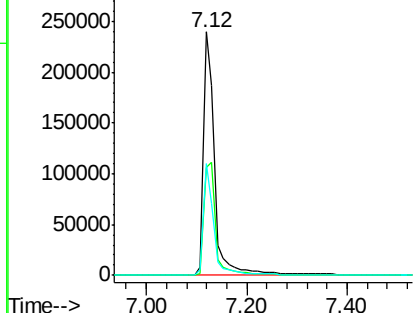
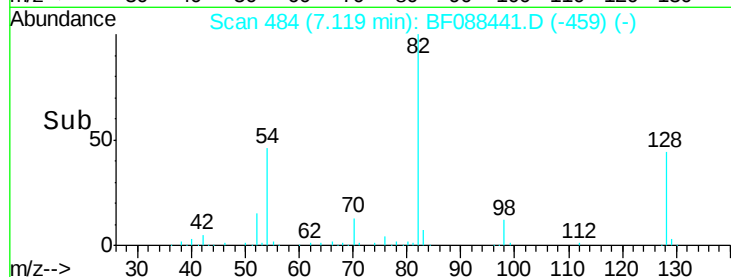
#23
 Nitrobenzene-d5
 Concen: 72.92 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF088441.D
 Acq: 27 Jun 2016 6:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

Tgt Ion: 82 Resp: 372087
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.9 53.9
 54 45.9 40.9 61.3

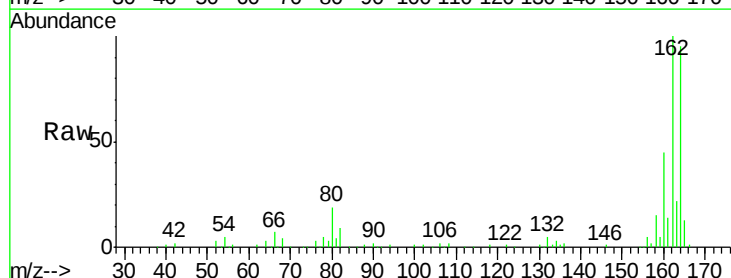


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

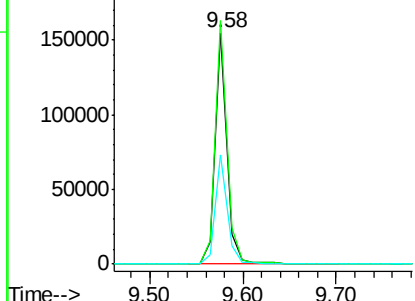
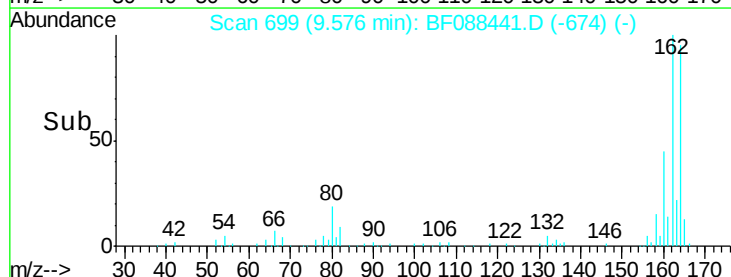


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF088441.D
 Acq: 27 Jun 2016 6:59

Tgt Ion: 164 Resp: 134990
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.4 128.2
 160 47.4 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

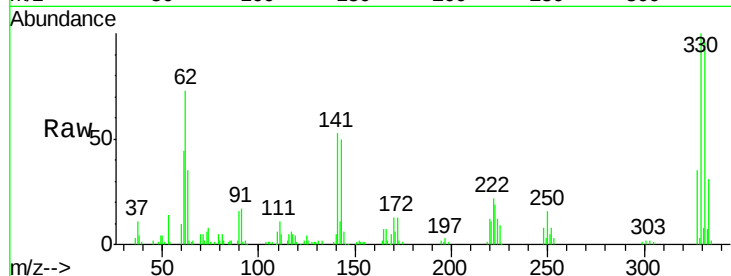




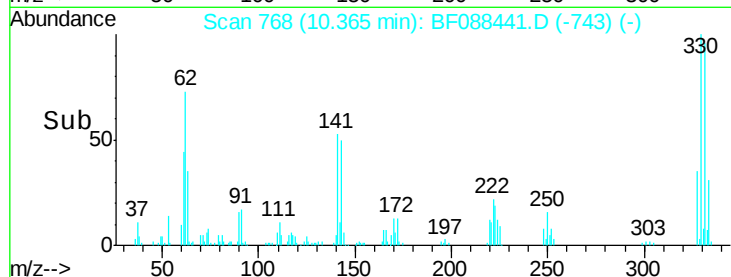
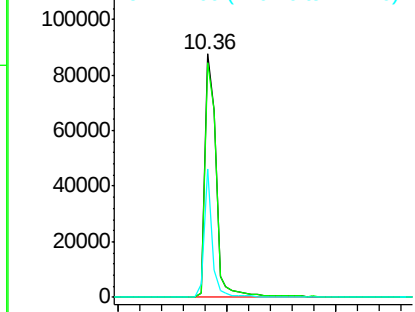
#41
 2,4,6-Tribromophenol
 Concen: 87.42 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088441.D
 Acq: 27 Jun 2016 6:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	37.3	0.0	0.0#

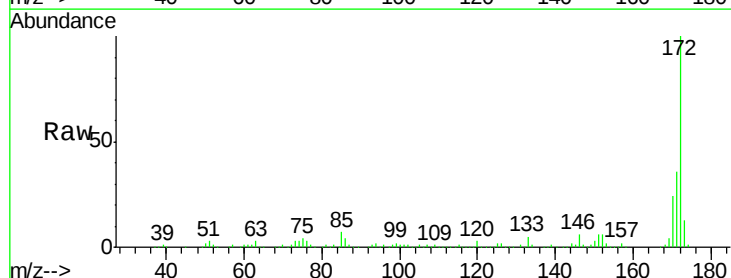


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

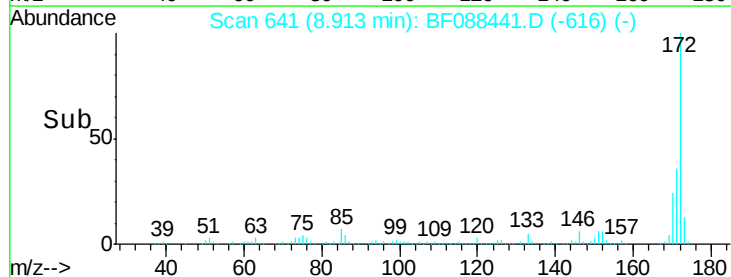
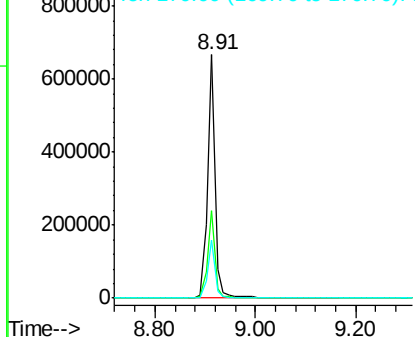


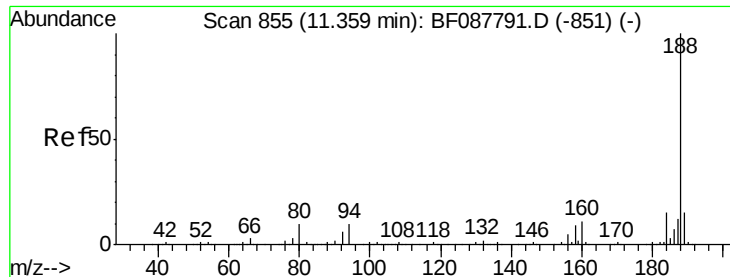
#44
 2-Fluorobiphenyl
 Concen: 80.98 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF088441.D
 Acq: 27 Jun 2016 6:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.9	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF088441.D

Acq: 27 Jun 2016 6:59

Instrument :

BNA_F

ClientSampleId :

PB91573TB

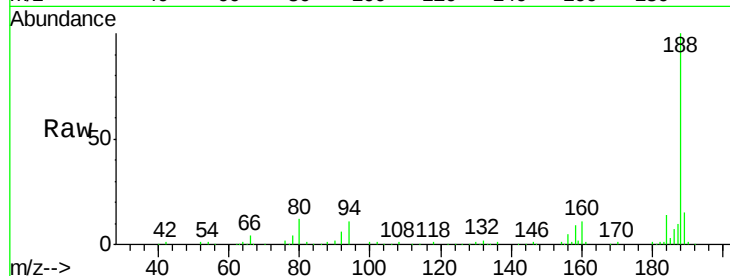
Tgt Ion:188 Resp: 231328

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.6

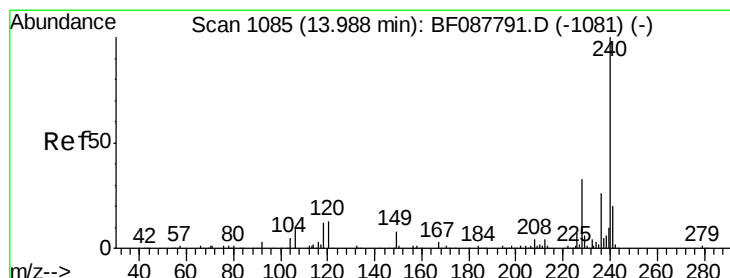
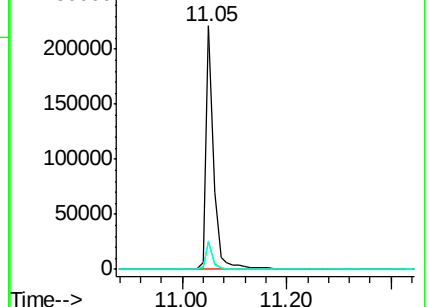
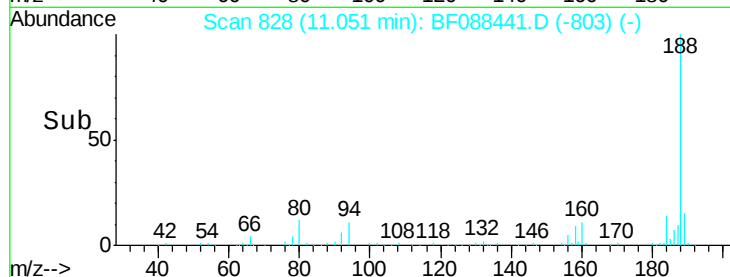
80 11.6 10.0 15.0



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF088441.D

Acq: 27 Jun 2016 6:59

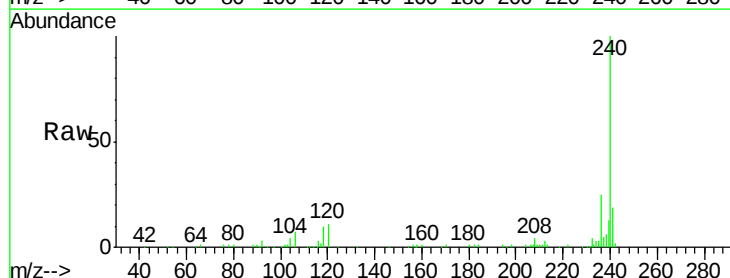
Tgt Ion:240 Resp: 157747

Ion Ratio Lower Upper

240 100

120 10.9 6.8 10.2#

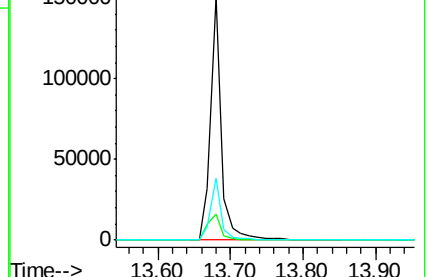
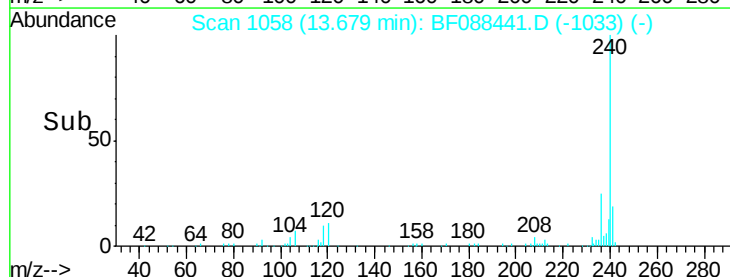
236 25.2 20.2 30.2

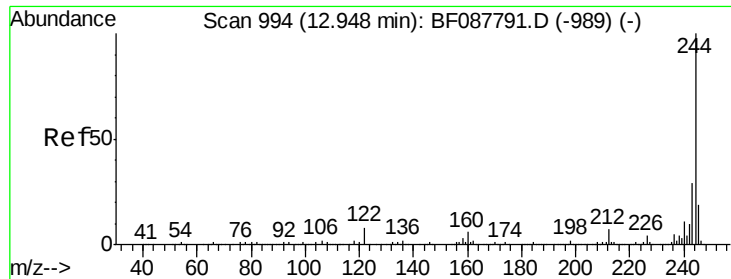


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

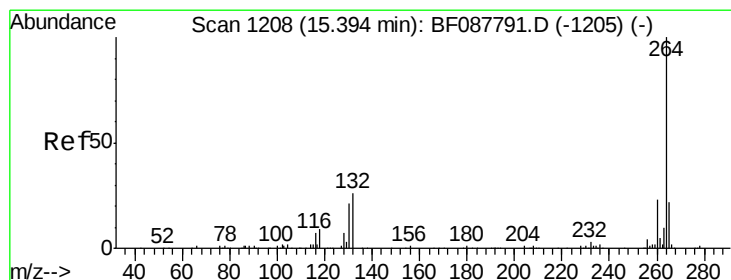
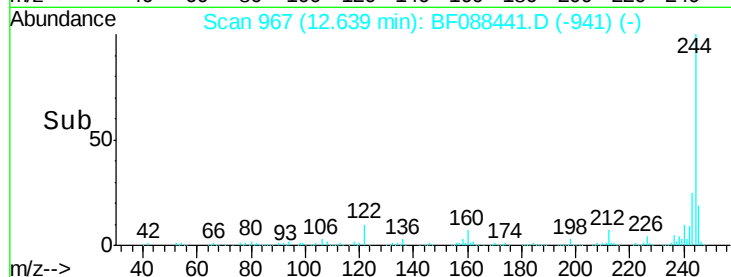
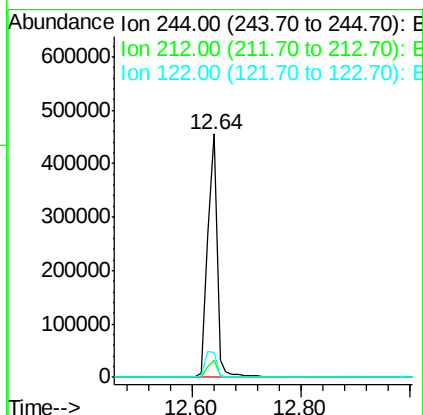
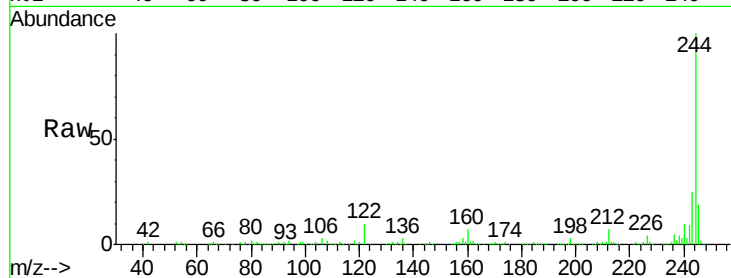




#78
 Terphenyl-d14
 Concen: 79.47 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF088441.D
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Tgt Ion:244 Resp: 550886
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.3 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF088441.D
 Acq: 27 Jun 2016 6:59

Tgt Ion:264 Resp: 135581
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 16.9 25.3

