

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088360.D
 Acq On : 25 Jun 2016 5:48
 Operator : UM/SJ
 Sample : PB91593BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BL

Quant Time: Jun 27 02:07:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	70547	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	271827	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	115084	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	179802	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	153060	20.00	ng	-0.03
86) Perylene-d12	15.07	264	114133	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	517758	125.47	ng	0.00
7) Phenol-d6	6.25	99	637072	127.38	ng	-0.01
23) Nitrobenzene-d5	7.15	82	385781	82.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	116485	95.86	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	699034	96.15	ng	-0.02
78) Terphenyl-d14	12.67	244	510362	75.88	ng	-0.02

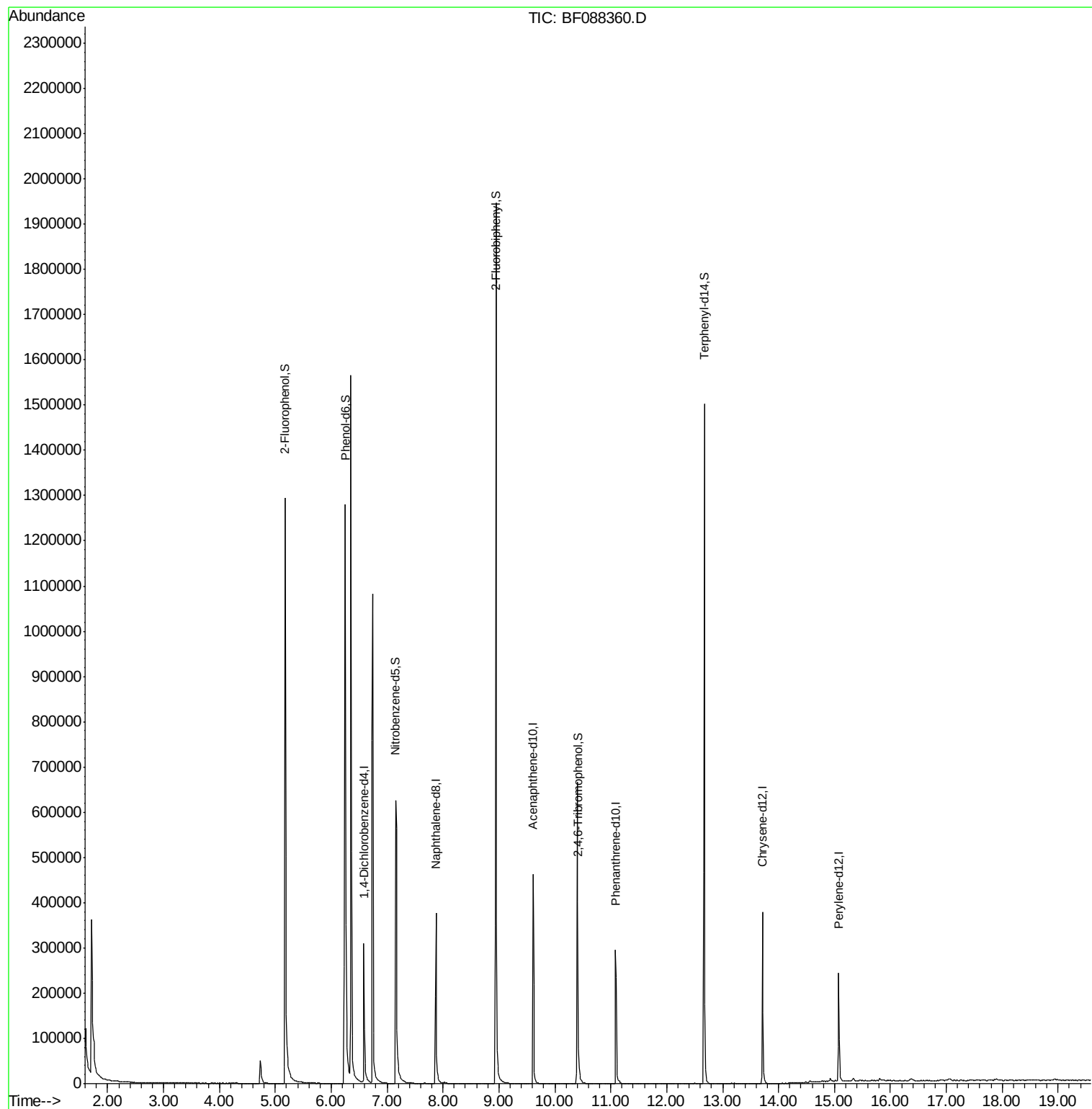
Target Compounds	Qvalue
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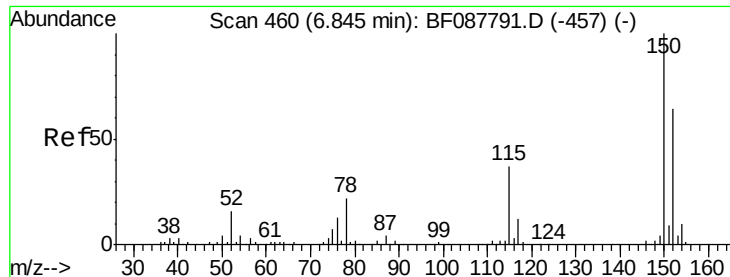
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF088360.D

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ClientSampleId :

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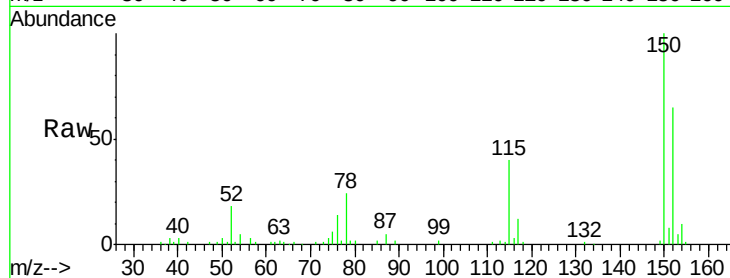
Tgt Ion:152 Resp: 70547

Ion Ratio Lower Upper

152 100

150 153.6 123.8 185.6

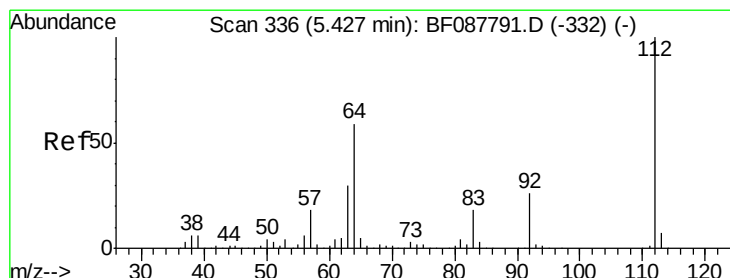
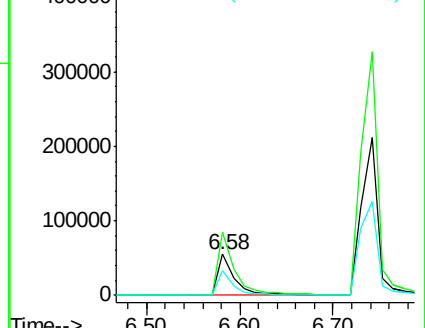
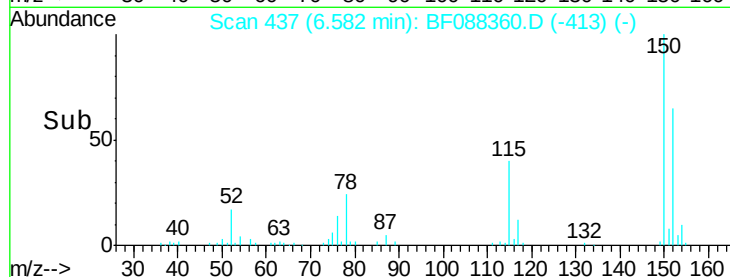
115 61.2 39.6 59.4#



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: 125.47 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF088360.D

Acq: 25 Jun 2016 5:48

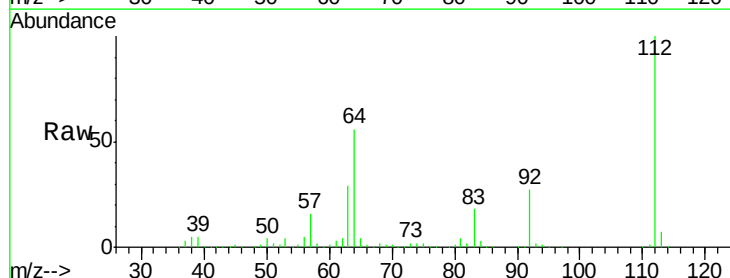
Tgt Ion:112 Resp: 517758

Ion Ratio Lower Upper

112 100

64 56.0 42.2 63.2

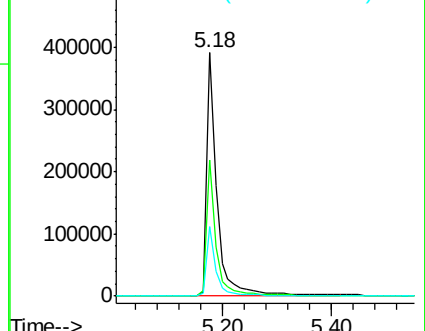
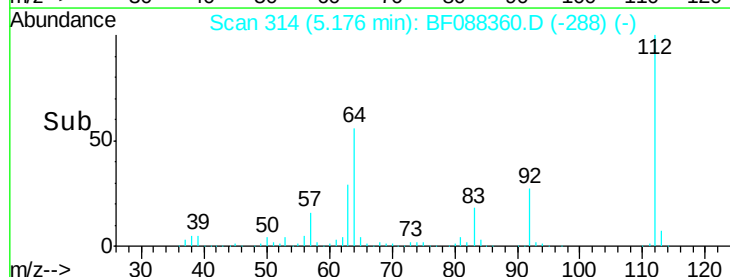
63 28.5 21.8 32.8

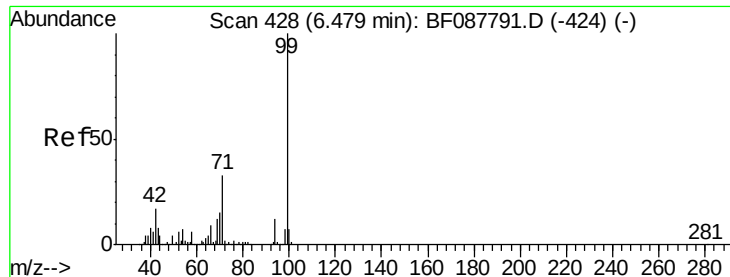


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.38 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088360.D

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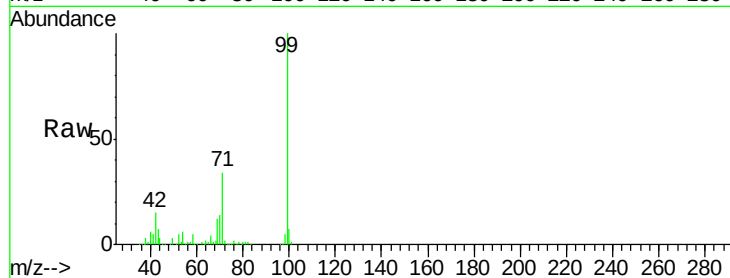
Tgt Ion: 99 Resp: 637072

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

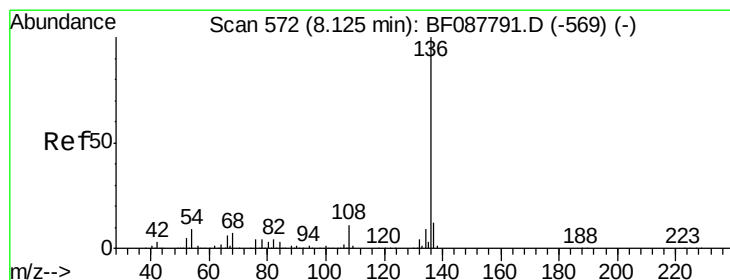
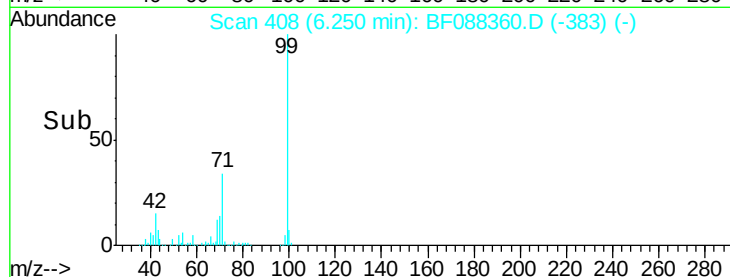
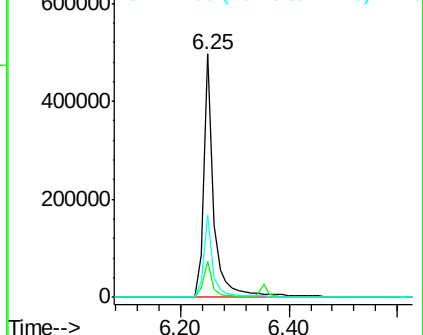
71 33.8 23.4 35.0



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: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF088360.D

Acq: 25 Jun 2016 5:48

Tgt Ion: 136 Resp: 271827

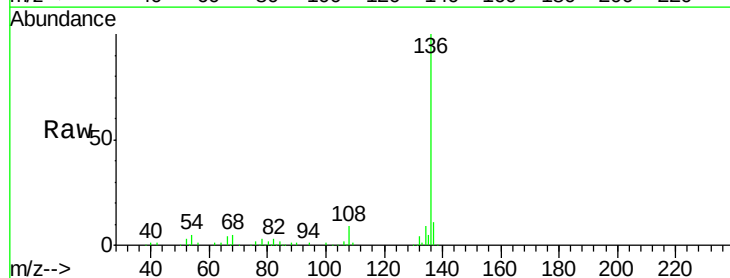
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.2 6.6 10.0#

68 4.6 5.1 7.7#

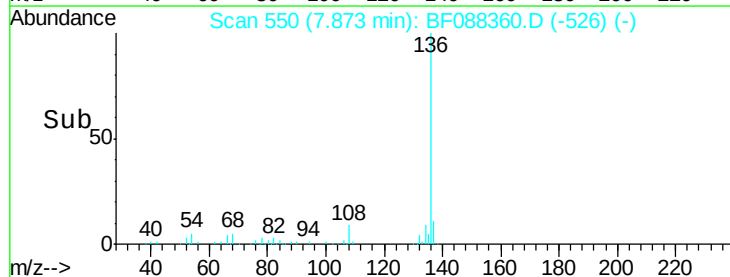
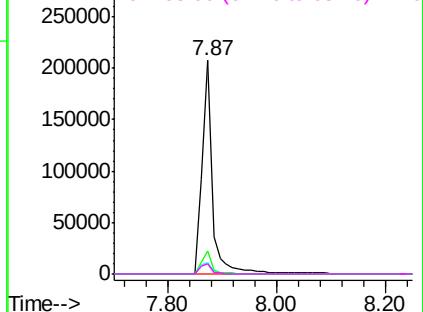


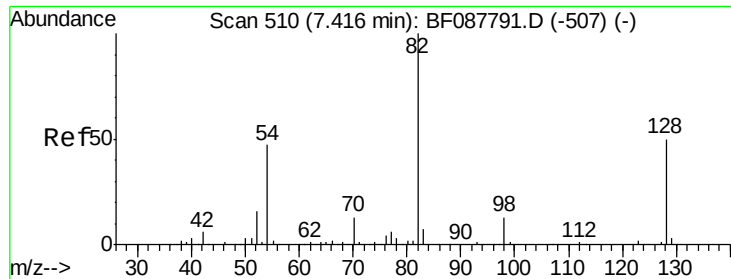
Abundance Ion 136.00 (135.70 to 136.70): E

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

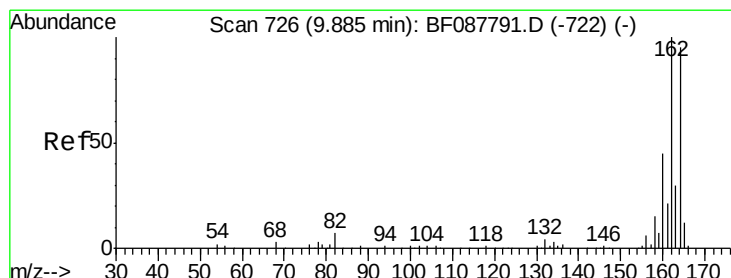
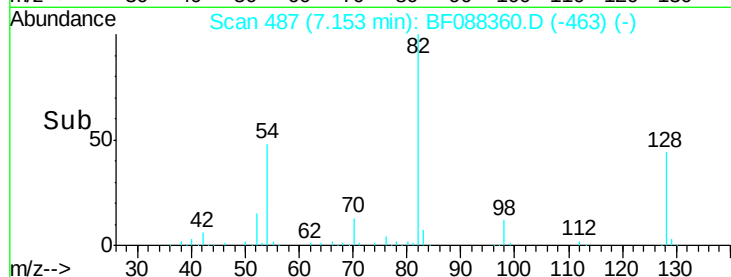
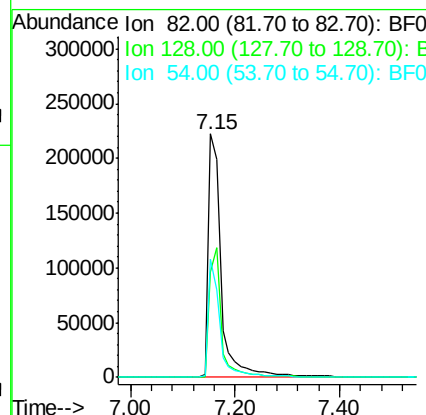
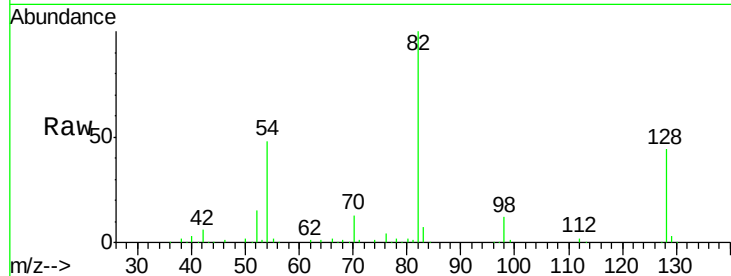




#23
 Nitrobenzene-d5
 Concen: 82.87 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

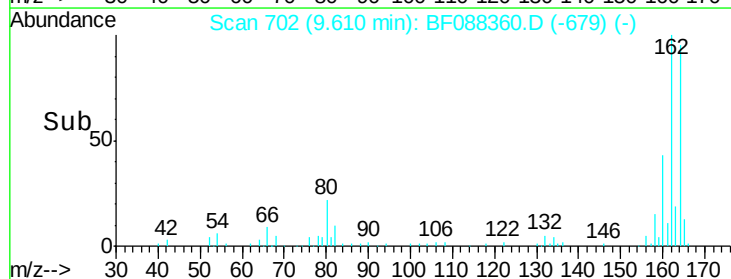
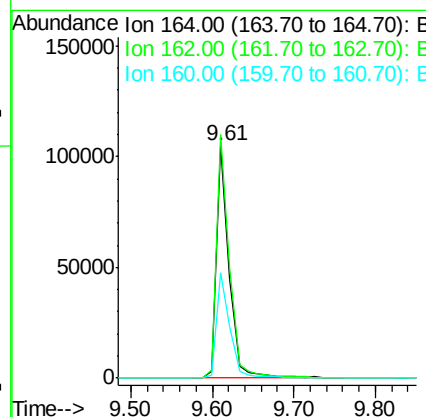
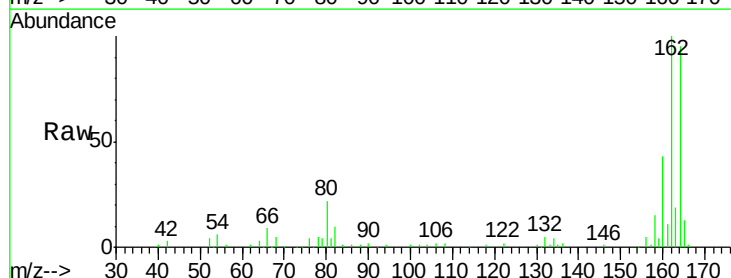
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BL

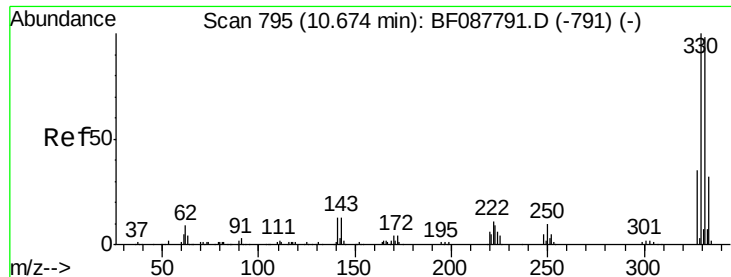
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.9	53.9
54	48.5	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	45.5	39.5	59.3

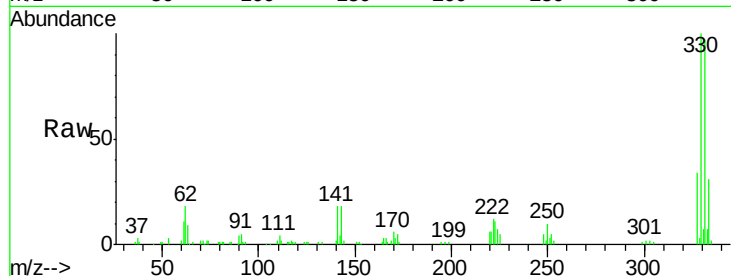




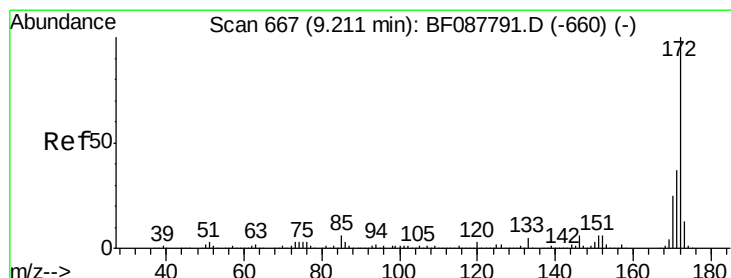
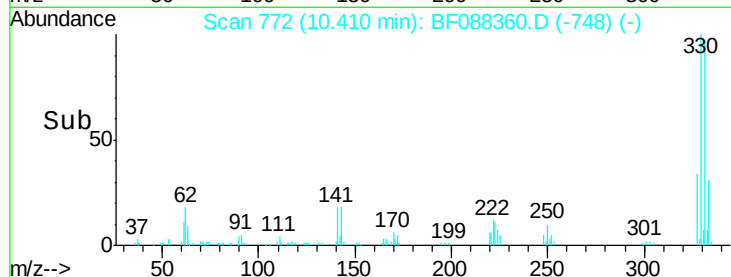
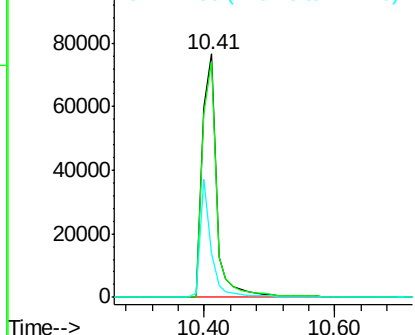
#41
 2,4,6-Tribromophenol
 Concen: 95.86 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	36.7	0.0	0.0#

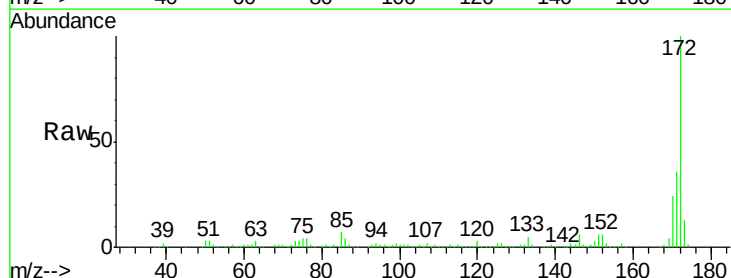


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

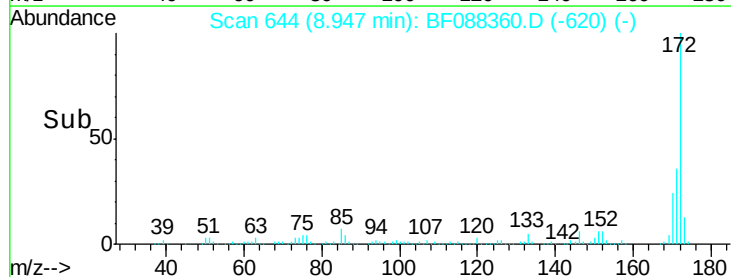
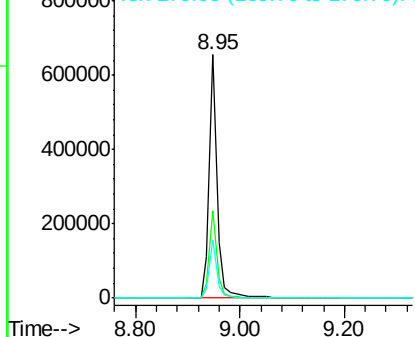


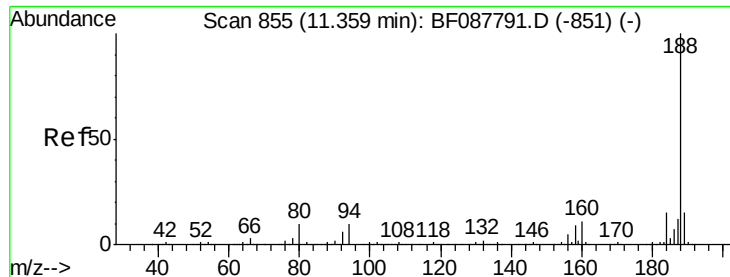
#44
 2-Fluorobiphenyl
 Concen: 96.15 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.0	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

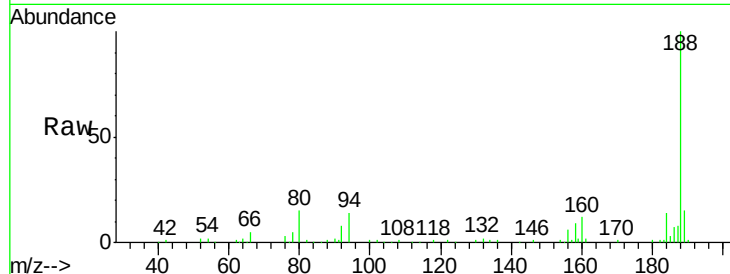




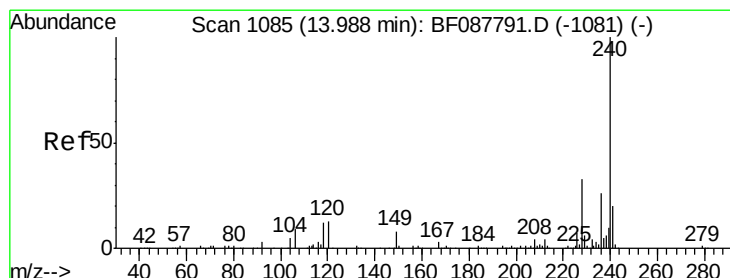
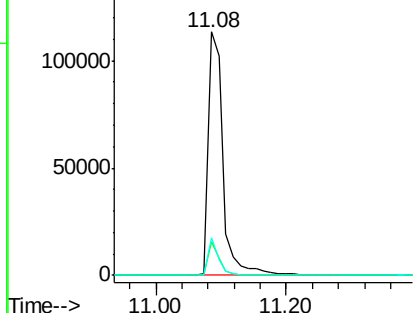
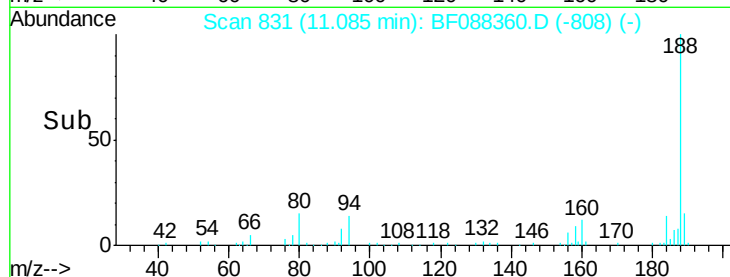
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF088360.D
Acq: 25 Jun 2016 5:48

Instrument :
BNA_F
ClientSampleId :
PB91593BL

Tgt Ion:188 Resp: 179802
Ion Ratio Lower Upper
188 100
94 14.1 9.0 13.6#
80 15.4 10.0 15.0#

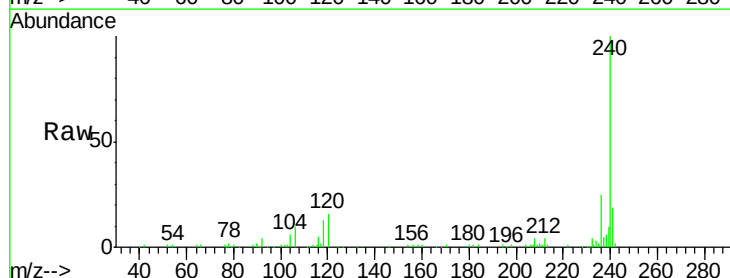


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

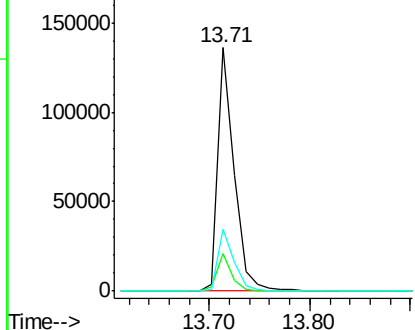
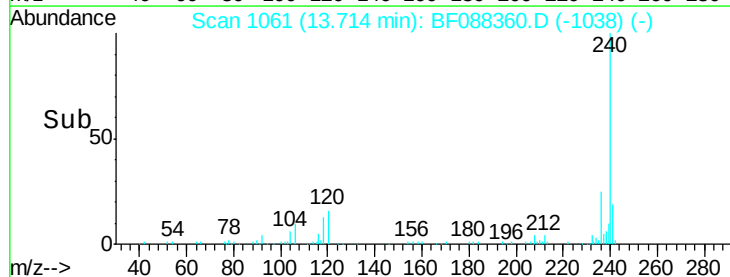


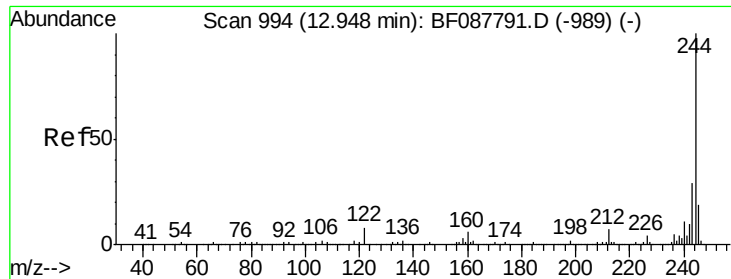
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF088360.D
Acq: 25 Jun 2016 5:48

Tgt Ion:240 Resp: 153060
Ion Ratio Lower Upper
240 100
120 15.5 6.8 10.2#
236 25.4 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

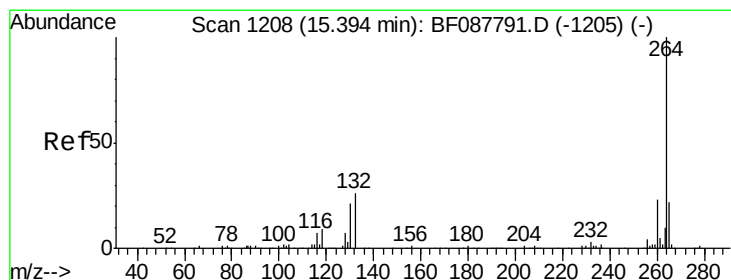
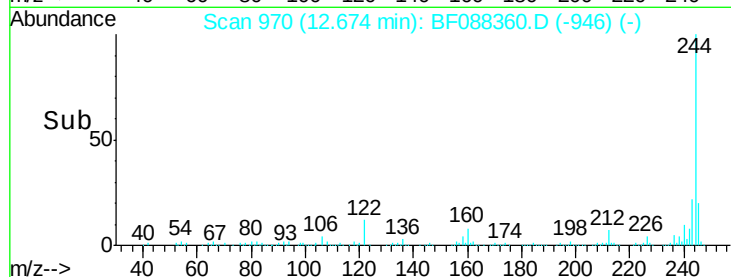
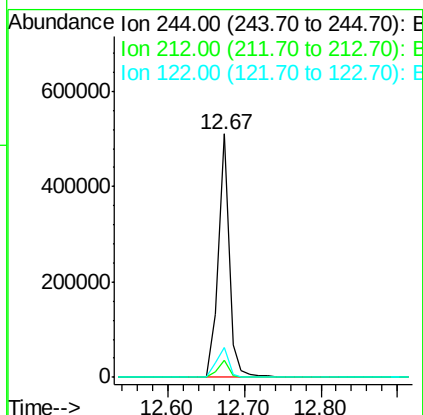
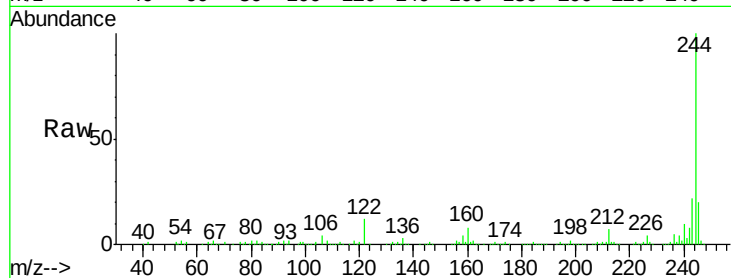




#78
 Terphenyl-d14
 Concen: 75.88 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

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Tgt Ion:244 Resp: 510362
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.2 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

Tgt Ion:264 Resp: 114133
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.0 16.9 25.3

