

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088298.D
 Acq On : 23 Jun 2016 19:47
 Operator : UM/SJ
 Sample : H3084-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW004-160512

Quant Time: Jun 24 01:59:46 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	6.60	152	13735	5.00	ng	0.00
21) Naphthalene-d8	7.88	136	92583	5.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	90978	5.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	208762	5.00	ng	-0.01
75) Chrysene-d12	13.74	240	169519	5.00	ng	-0.01
86) Perylene-d12	15.10	264	110711	5.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	5249	1.63	ng	0.08
7) Phenol-d6	6.30	99	14587	3.75	ng	0.03
23) Nitrobenzene-d5	7.19	82	6186	0.98	ng	0.01
41) 2,4,6-Tribromophenol	10.42	330	22665	5.90	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	61419	1.36	ng	-0.01
78) Terphenyl-d14	12.69	244	113716	3.82	ng	-0.01

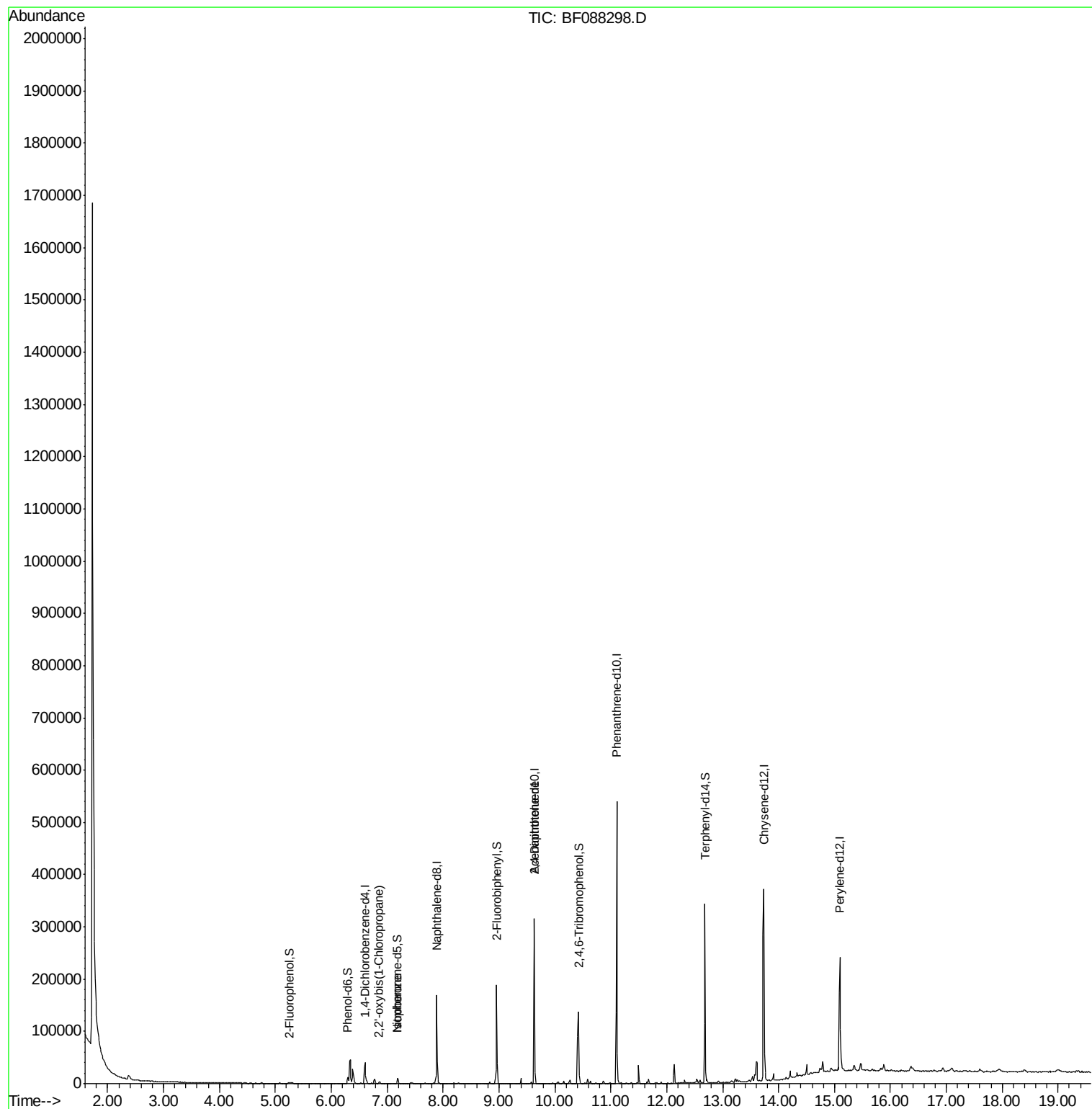
Target Compounds	Qvalue
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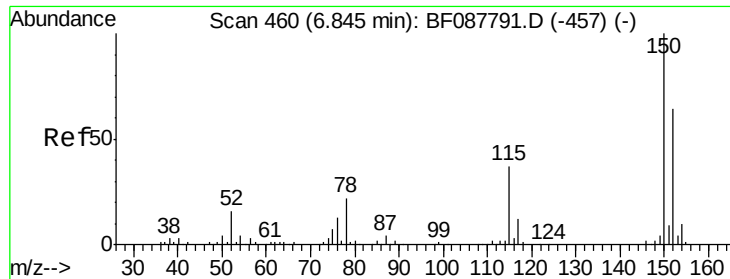
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF088298.D

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Instrument :

BNA_F

ClientSampleId :

LF017MW004-160512

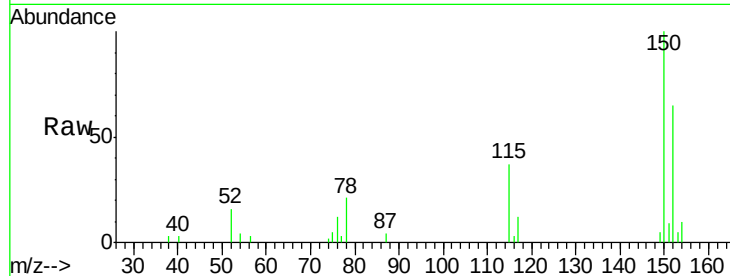
Tgt Ion:152 Resp: 13735

Ion Ratio Lower Upper

152 100

150 154.3 123.8 185.6

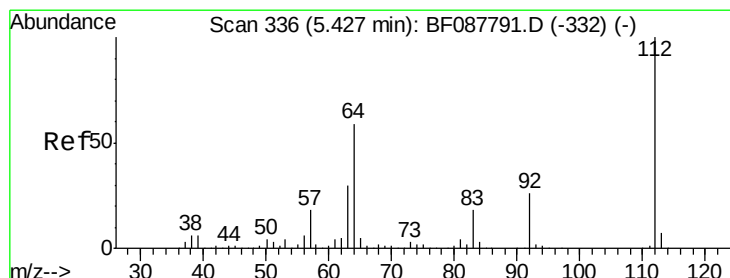
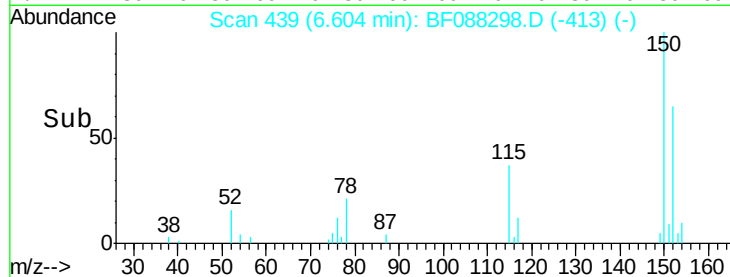
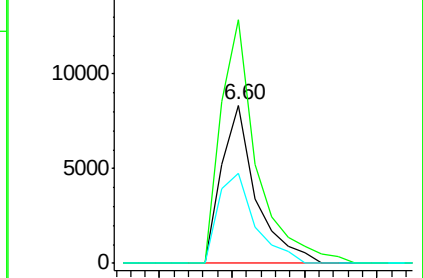
115 57.2 39.6 59.4



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: 1.63 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.08 min

Lab File: BF088298.D

Acq: 23 Jun 2016 19:47

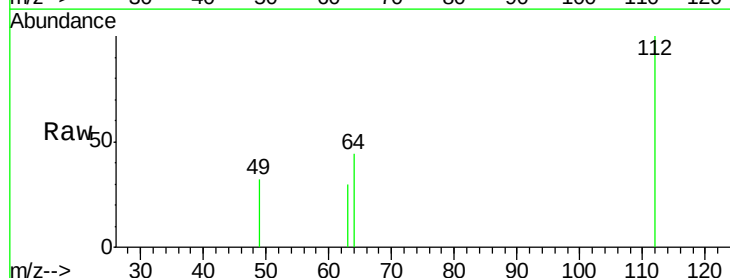
Tgt Ion:112 Resp: 5249

Ion Ratio Lower Upper

112 100

64 44.0 42.2 63.2

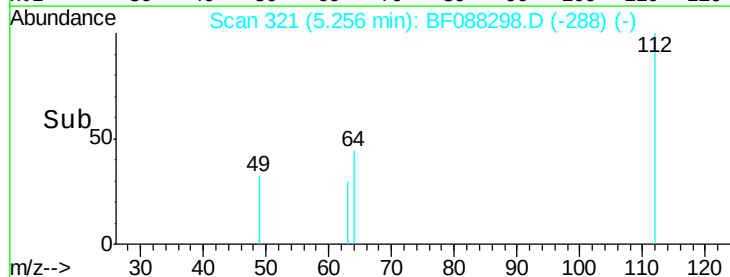
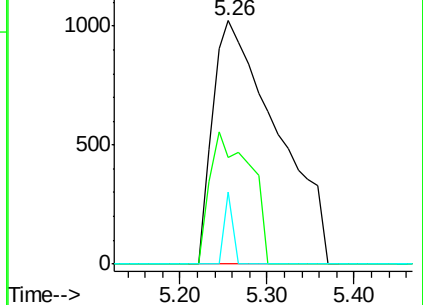
63 29.5 21.8 32.8

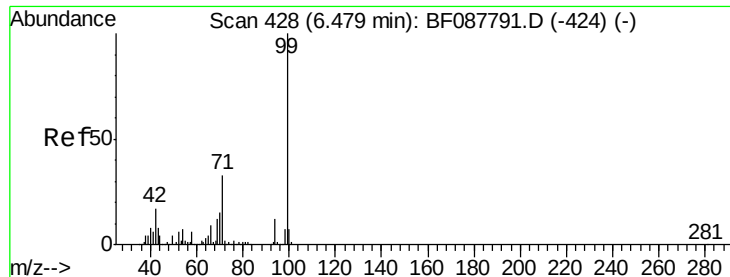


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.75 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.03 min

Lab File: BF088298.D

Acq: 23 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

LF017MW004-160512

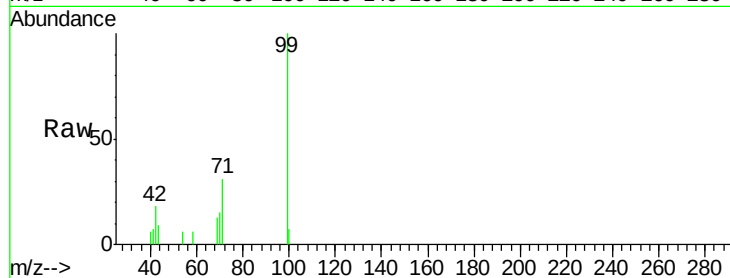
Tgt Ion: 99 Resp: 14587

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

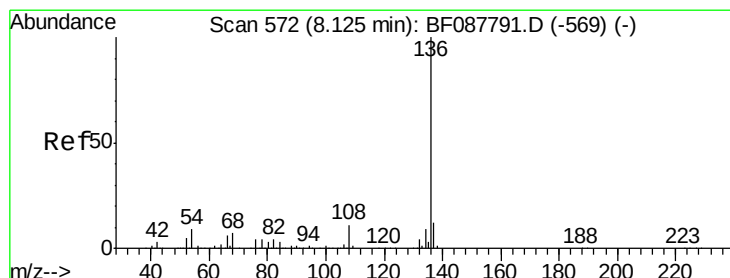
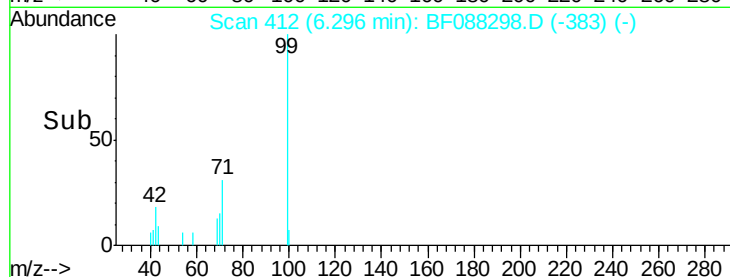
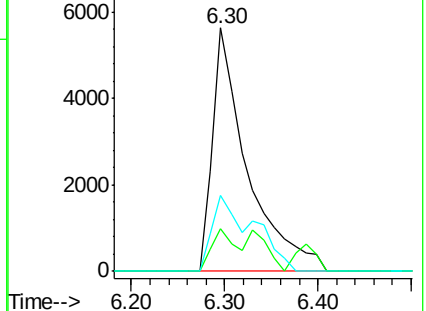
71 31.2 23.4 35.0



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: 5.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088298.D

Acq: 23 Jun 2016 19:47

Tgt Ion: 136 Resp: 92583

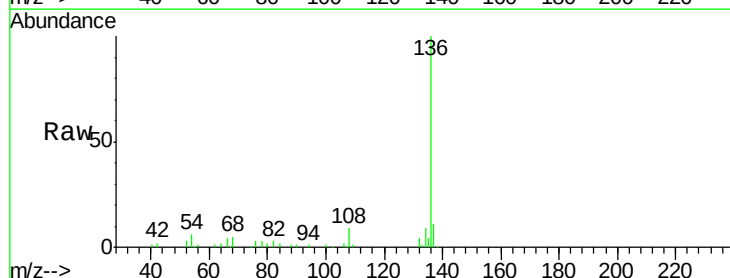
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.1 6.6 10.0#

68 5.2 5.1 7.7

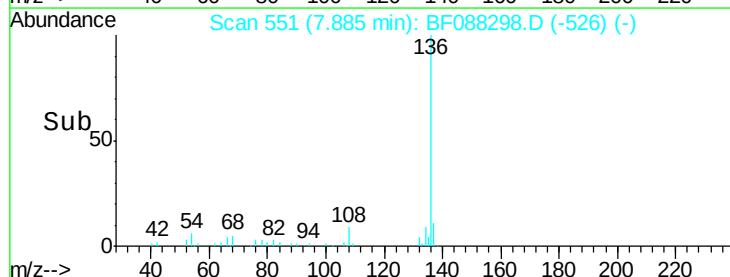
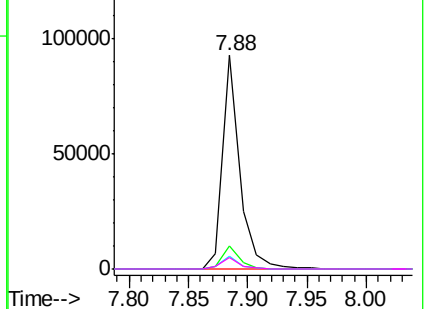


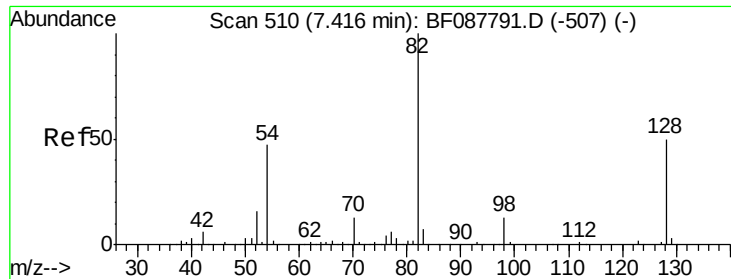
Abundance Ion 136.00 (135.70 to 136.70): E

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

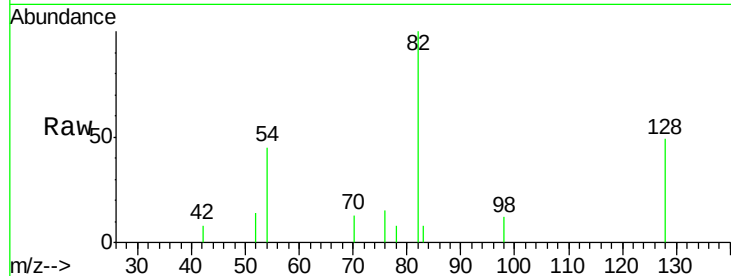




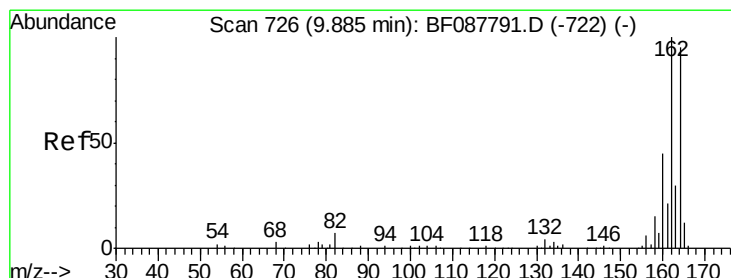
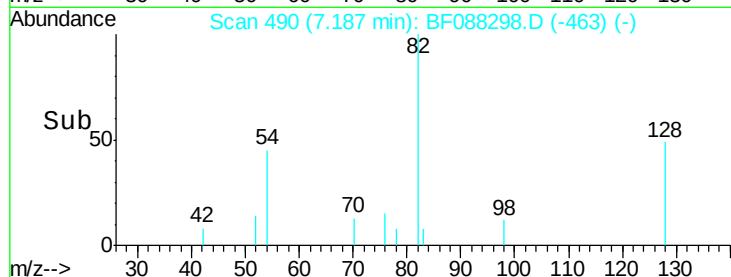
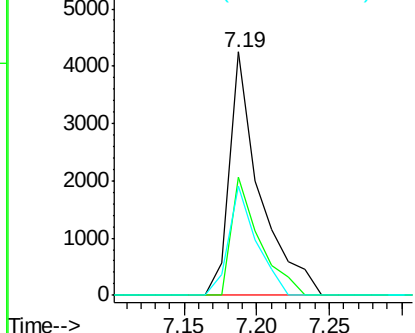
#23
 Nitrobenzene-d5
 Concen: 0.98 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: BF088298.D
 Acq: 23 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW004-160512

Tgt Ion: 82 Resp: 6186
 Ion Ratio Lower Upper
 82 100
 128 48.7 35.9 53.9
 54 45.0 40.9 61.3

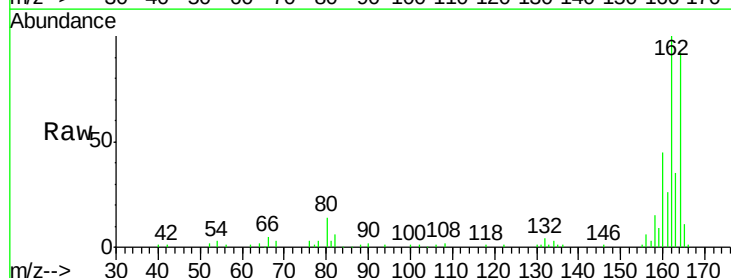


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

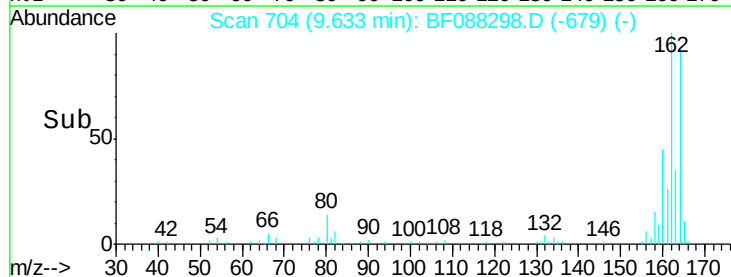
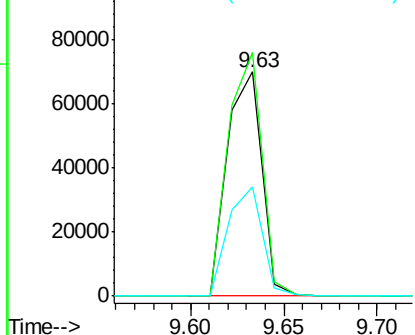


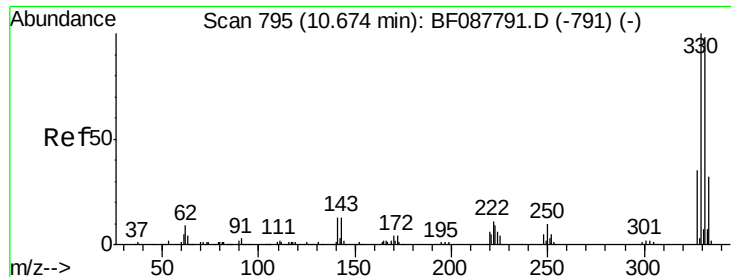
#38
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088298.D
 Acq: 23 Jun 2016 19:47

Tgt Ion: 164 Resp: 90978
 Ion Ratio Lower Upper
 164 100
 162 108.6 85.4 128.2
 160 48.5 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

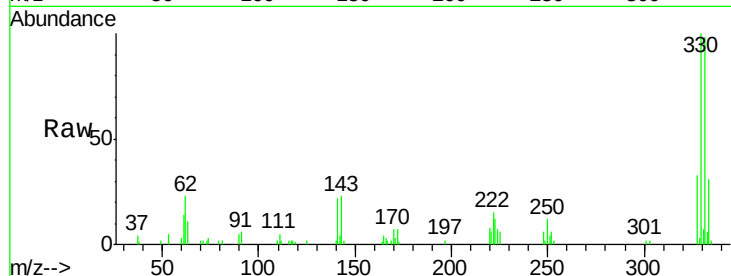




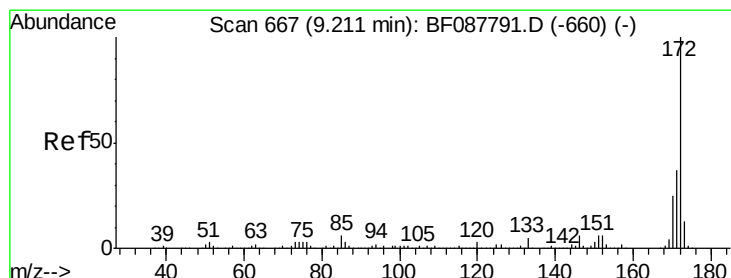
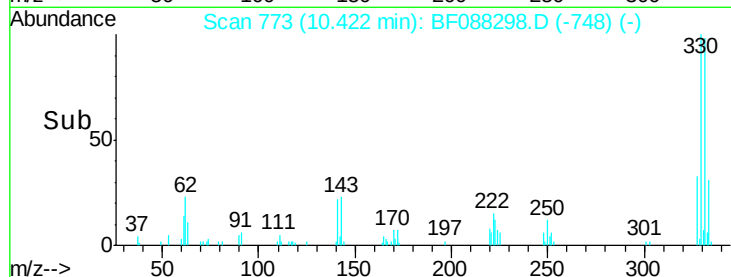
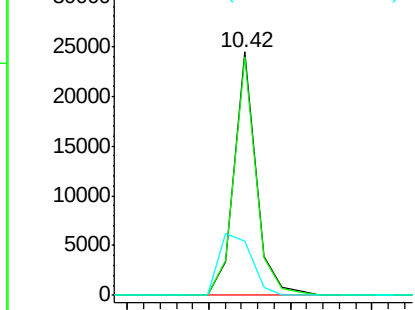
#41
 2,4,6-Tribromophenol
 Concen: 5.90 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088298.D
 Acq: 23 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW004-160512

Tgt Ion:330 Resp: 22665
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 38.0 0.0 0.0#

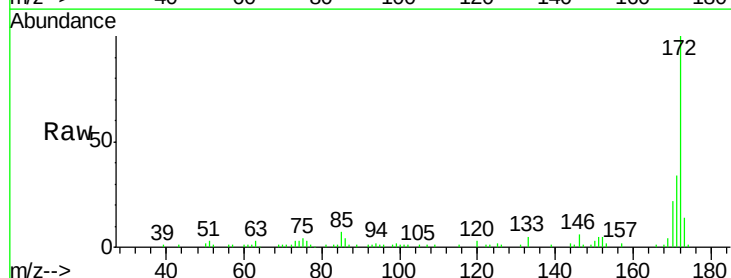


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

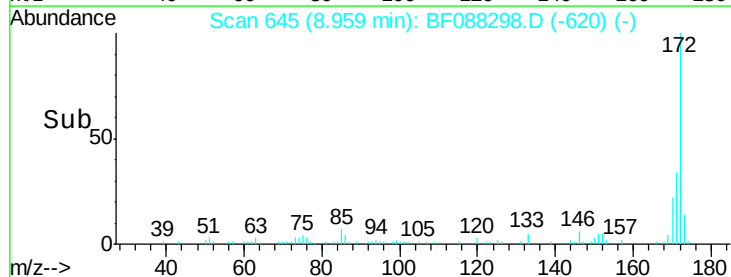
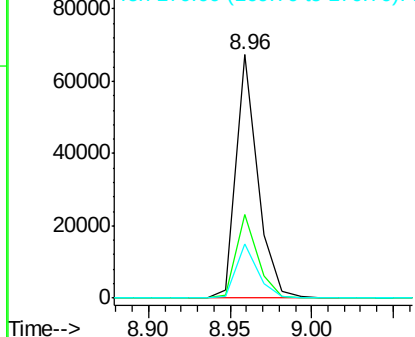


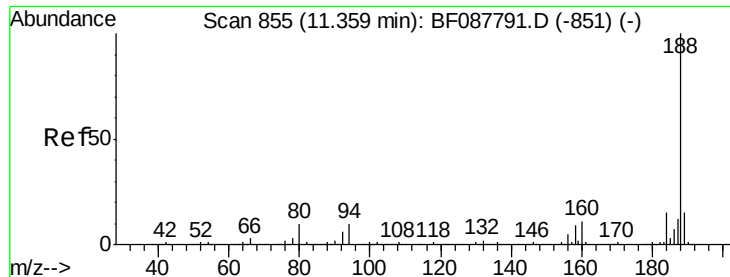
#44
 2-Fluorobiphenyl
 Concen: 1.36 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088298.D
 Acq: 23 Jun 2016 19:47

Tgt Ion:172 Resp: 61419
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.6 43.0
 170 22.1 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

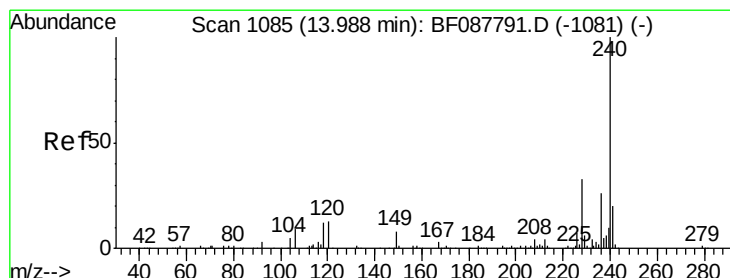
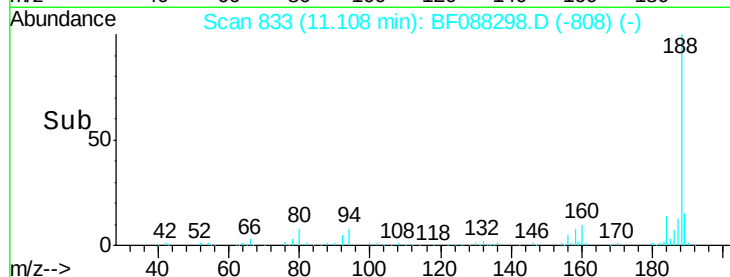
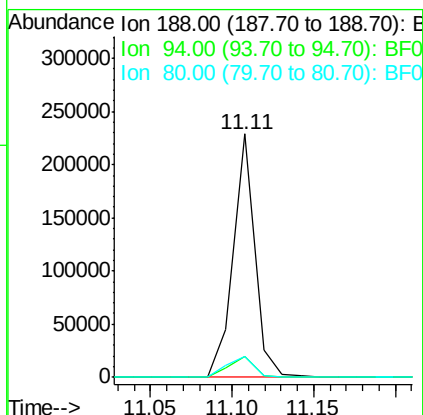
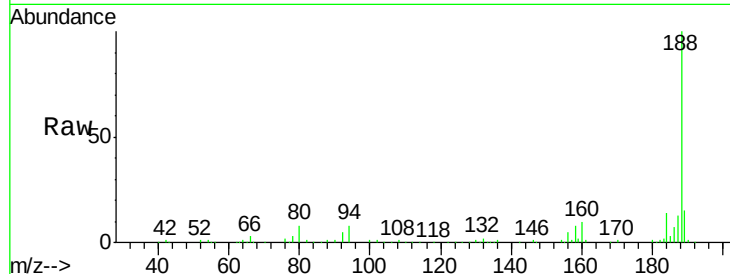




#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF088298.D
Acq: 23 Jun 2016 19:47

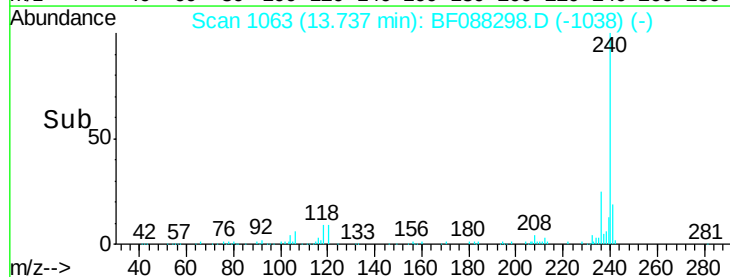
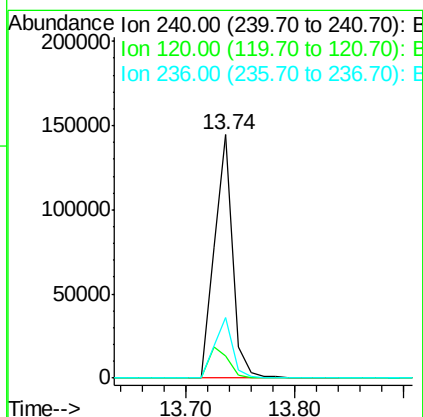
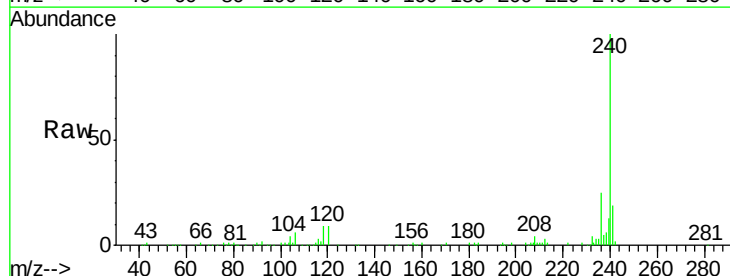
Instrument :
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LF017MW004-160512

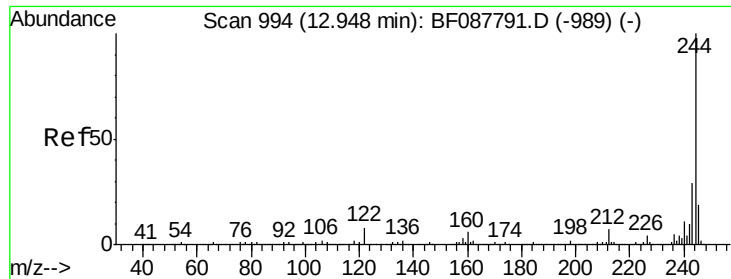
Tgt Ion:188 Resp: 208762
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.6#
80 8.5 10.0 15.0#



#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF088298.D
Acq: 23 Jun 2016 19:47

Tgt Ion:240 Resp: 169519
Ion Ratio Lower Upper
240 100
120 9.3 6.8 10.2
236 25.0 20.2 30.2

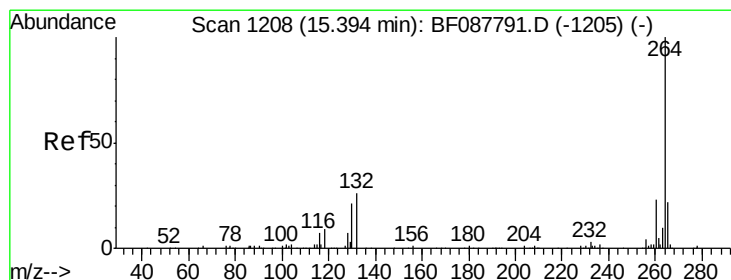
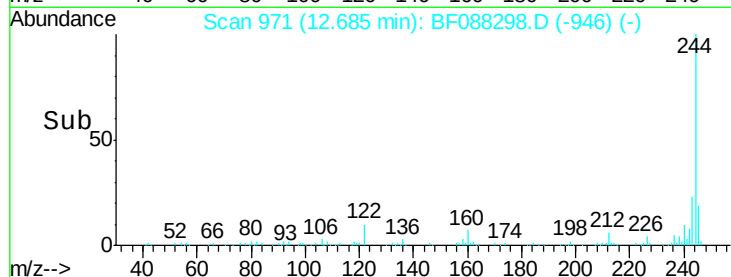
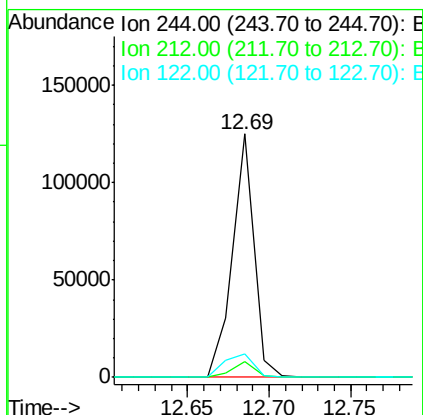
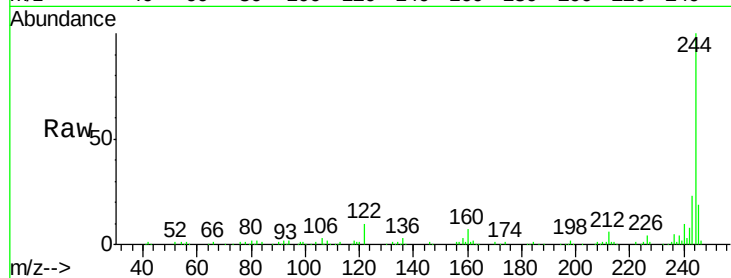




#78
 Terphenyl-d14
 Concen: 3.82 ng
 RT: 12.69 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF088298.D
 Acq: 23 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW004-160512

Tgt Ion:244 Resp: 113716
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.0 9.0
 122 9.6 11.2 16.8#



#86
 Perylene-d12
 Concen: 5.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF088298.D
 Acq: 23 Jun 2016 19:47

Tgt Ion:264 Resp: 110711
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.1 16.9 25.3

