

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089222.D
 Acq On : 23 Jul 2016 7:22
 Operator : UM/SJ
 Sample : H4112-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jul 25 03:32:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 03:29:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	51014	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	227915	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	109937	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	220252	20.00	ng	0.00
75) Chrysene-d12	13.70	240	170796	20.00	ng	-0.01
86) Perylene-d12	15.04	264	127034	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.15	112	184167	54.91	ng	0.00
7) Phenol-d6	6.23	99	154715	35.77	ng	-0.01
23) Nitrobenzene-d5	7.15	82	410278	95.65	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	141040	142.49	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	758230	95.03	ng	0.00
78) Terphenyl-d14	12.67	244	731598	92.91	ng	0.00

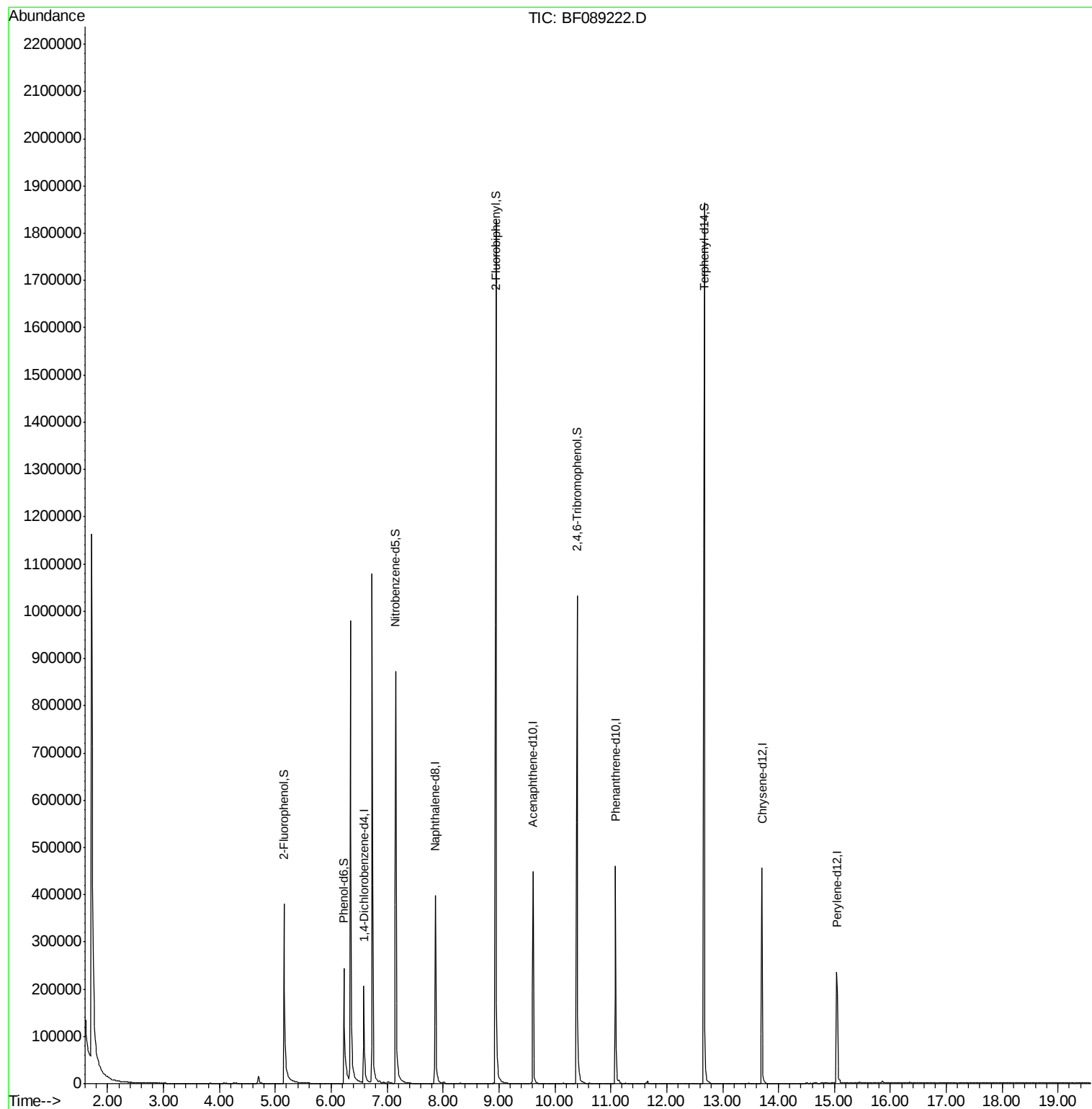
Target Compounds	Qvalue
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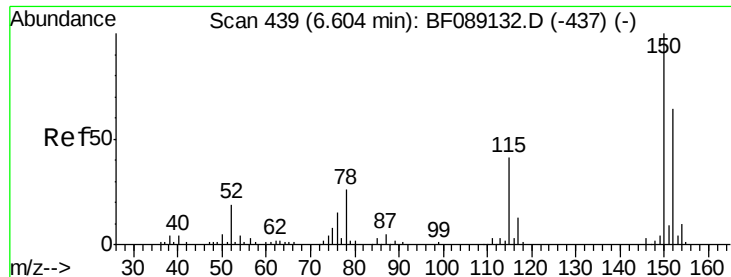
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF089222.D

Acq: 23 Jul 2016 7:22

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

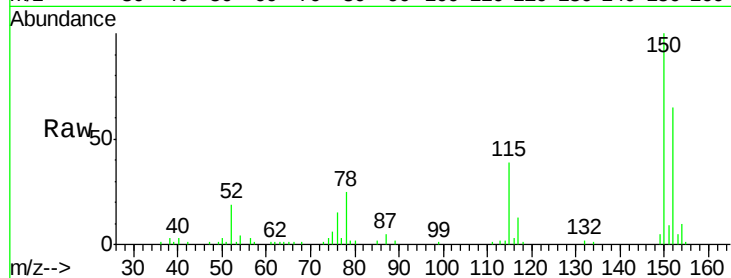
Tgt Ion:152 Resp: 51014

Ion Ratio Lower Upper

152 100

150 154.9 125.1 187.7

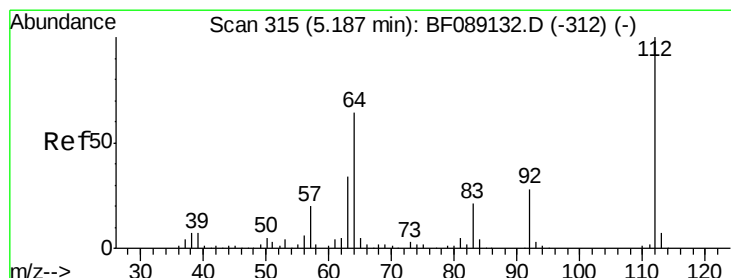
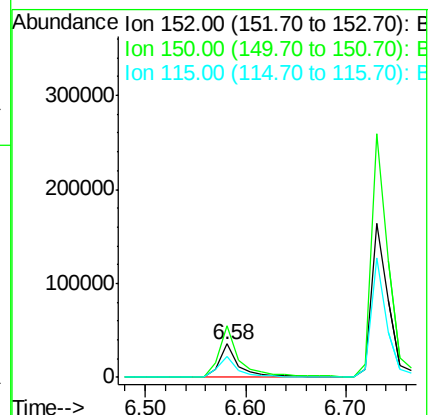
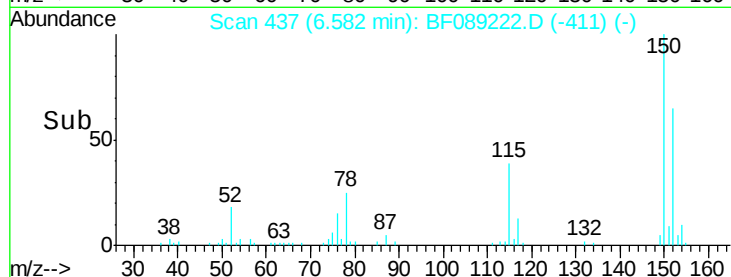
115 61.0 51.1 76.7



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: 54.91 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.00 min

Lab File: BF089222.D

Acq: 23 Jul 2016 7:22

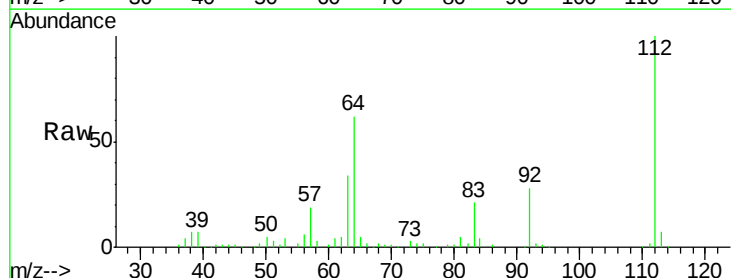
Tgt Ion:112 Resp: 184167

Ion Ratio Lower Upper

112 100

64 62.3 51.0 76.4

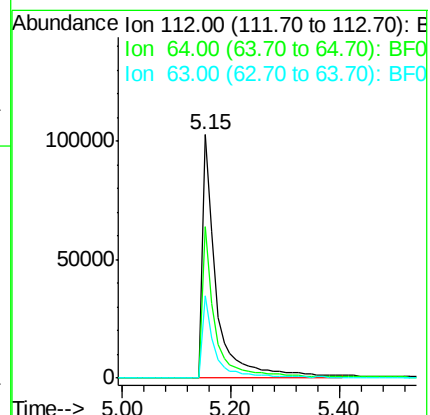
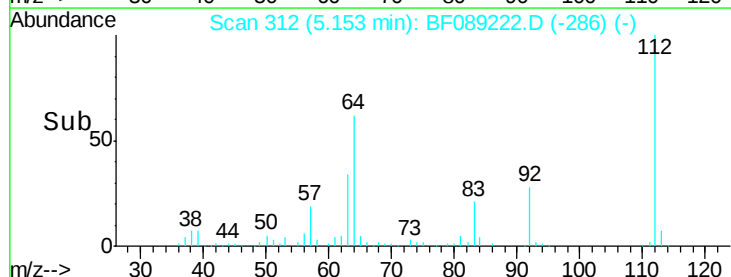
63 33.8 27.3 40.9

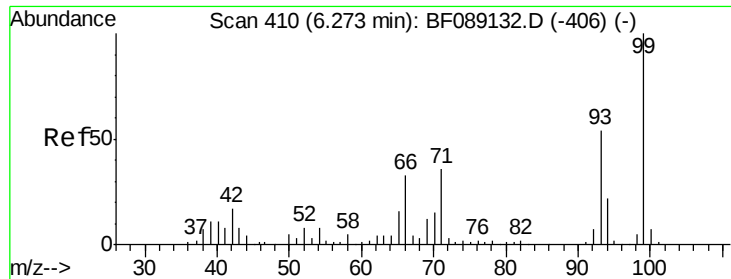


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.77 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF089222.D

Acq: 23 Jul 2016 7:22

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

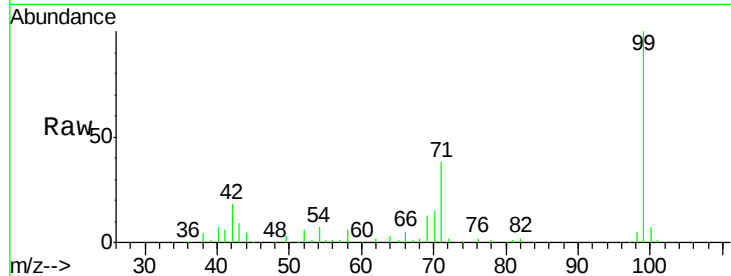
Tgt Ion: 99 Resp: 154715

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

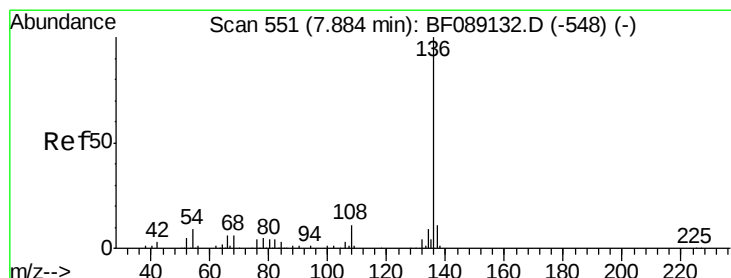
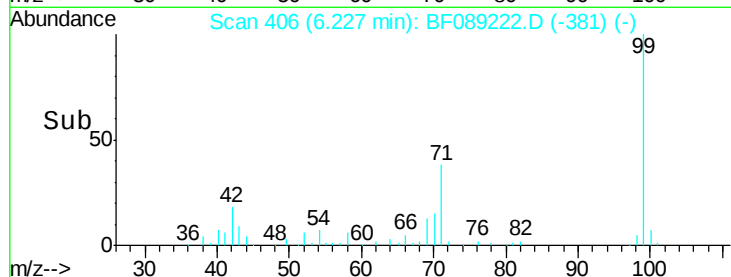
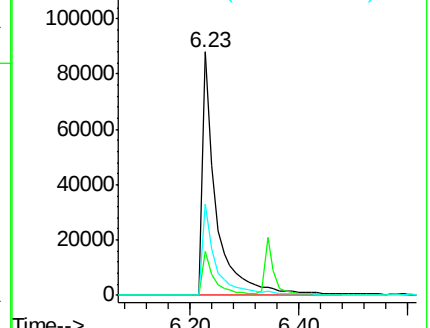
71 37.7 28.9 43.3



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: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF089222.D

Acq: 23 Jul 2016 7:22

Tgt Ion: 136 Resp: 227915

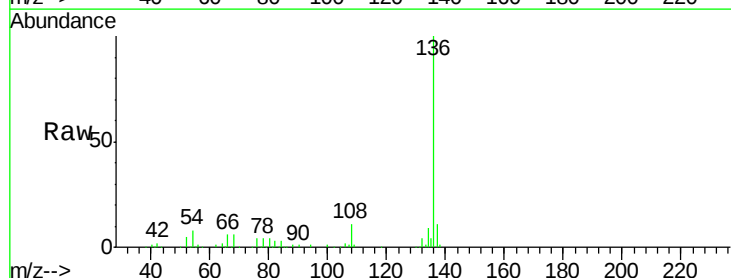
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.7 7.0 10.4

68 5.8 5.0 7.6

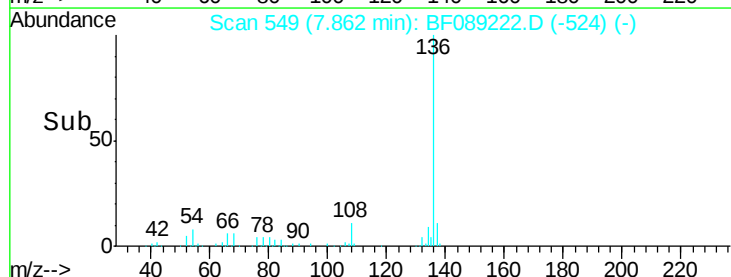
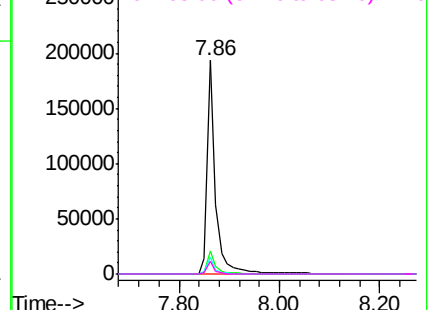


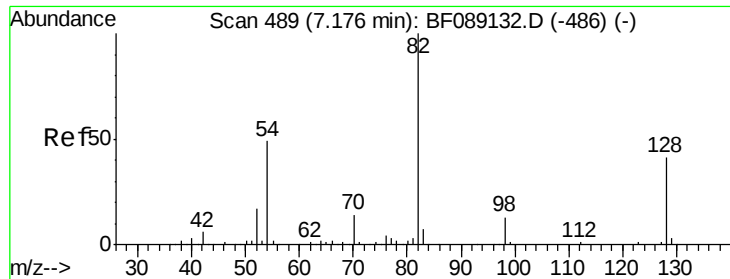
Abundance Ion 136.00 (135.70 to 136.70): E

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

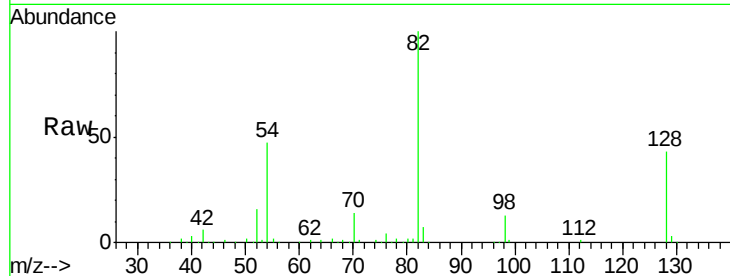




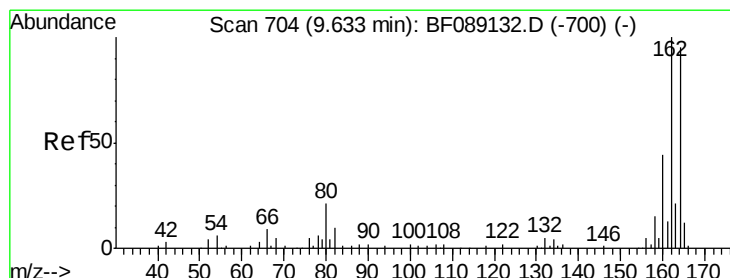
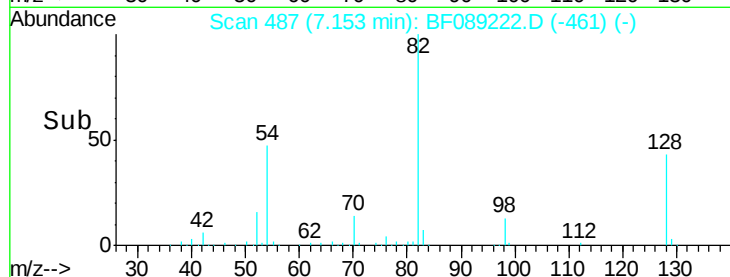
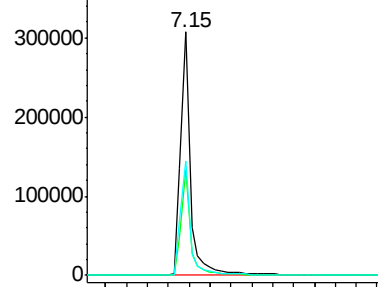
#23
 Nitrobenzene-d5
 Concen: 95.65 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF089222.D
 Acq: 23 Jul 2016 7:22

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 82 Resp: 410278
 Ion Ratio Lower Upper
 82 100
 128 43.4 33.0 49.6
 54 46.7 39.0 58.4

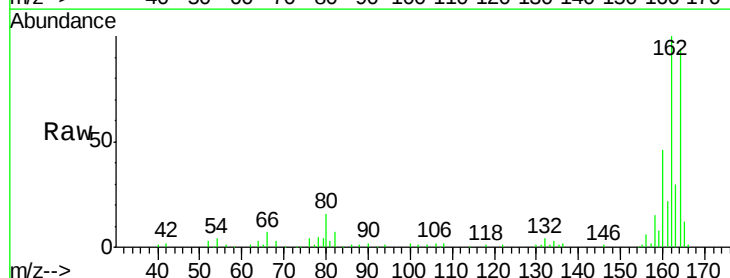


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

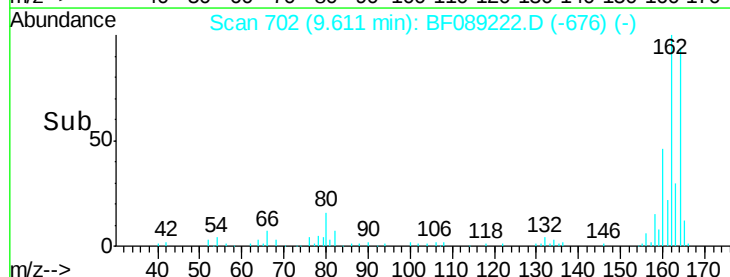
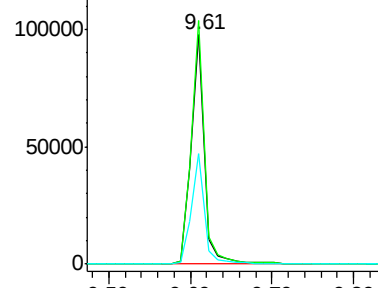


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF089222.D
 Acq: 23 Jul 2016 7:22

Tgt Ion: 164 Resp: 109937
 Ion Ratio Lower Upper
 164 100
 162 106.1 84.1 126.1
 160 48.3 37.1 55.7



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

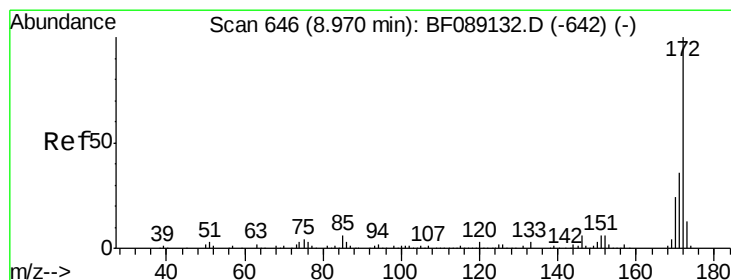
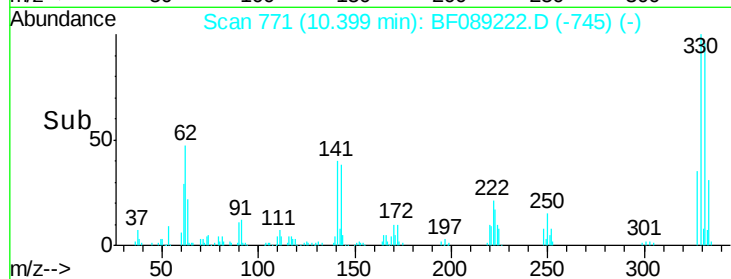
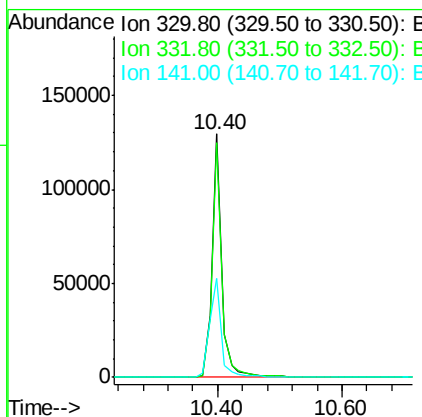
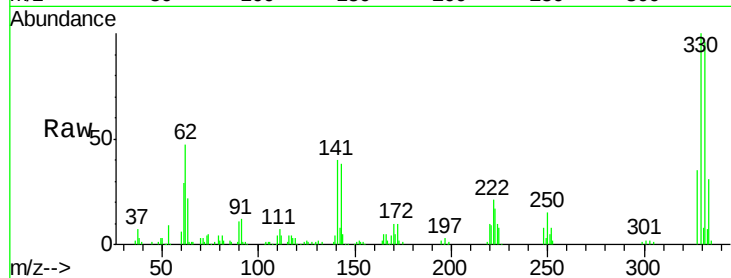




#41
 2,4,6-Tribromophenol
 Concen: 142.49 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF089222.D
 Acq: 23 Jul 2016 7:22

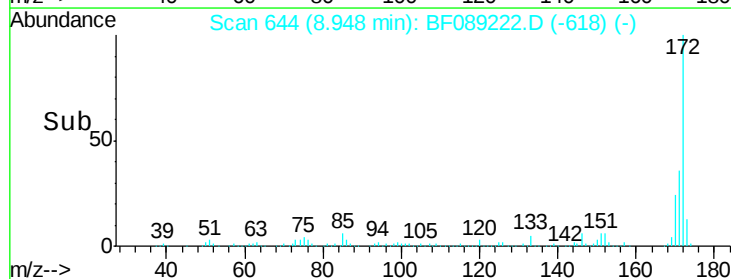
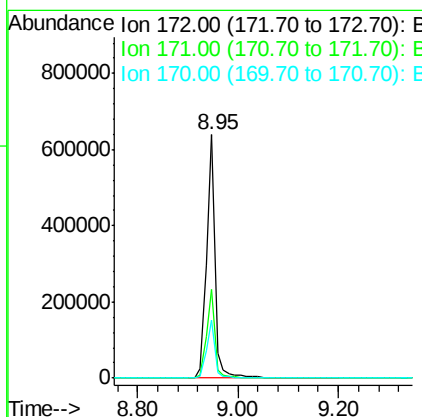
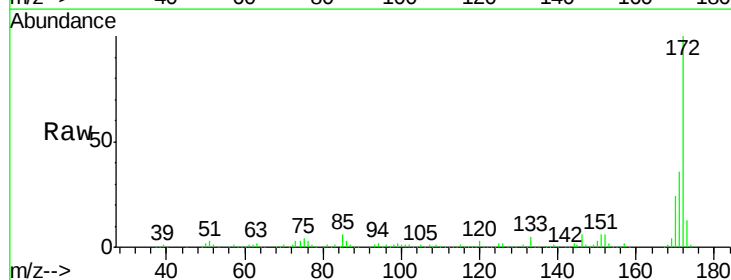
Instrument :
 BNA_F
 ClientSampleId :
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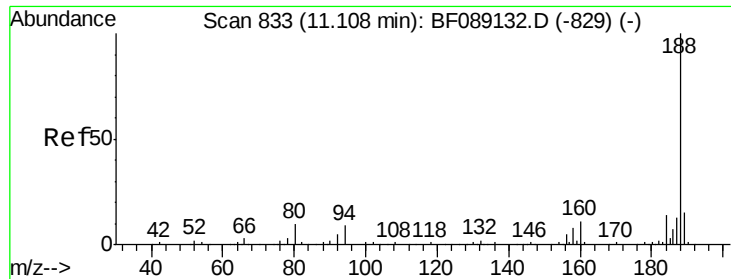
Tgt Ion:330 Resp: 141040
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.2 115.8
 141 48.3 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 95.03 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089222.D
 Acq: 23 Jul 2016 7:22

Tgt Ion:172 Resp: 758230
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.9 19.1 28.7

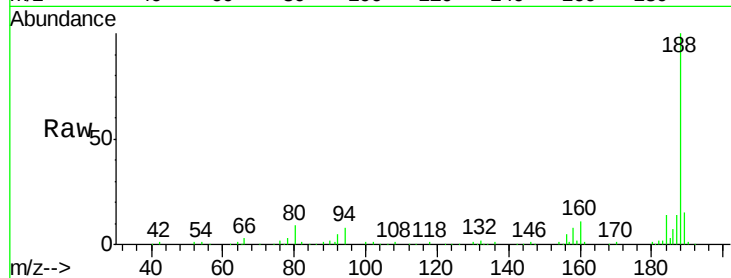




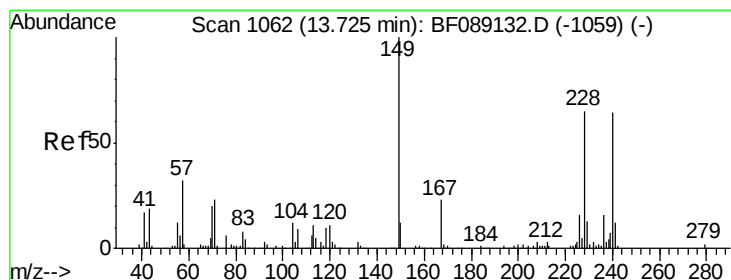
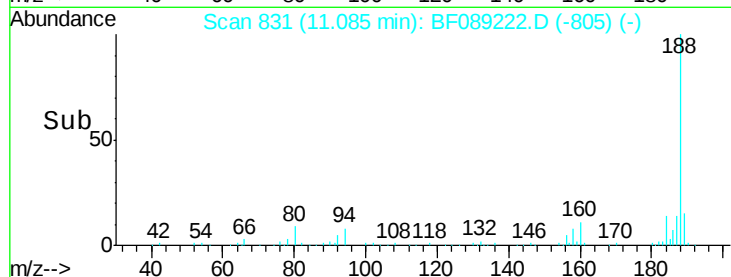
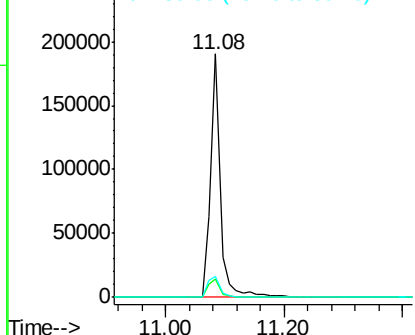
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF089222.D
Acq: 23 Jul 2016 7:22

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tgt Ion:188 Resp: 220252
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.8 7.7 11.5

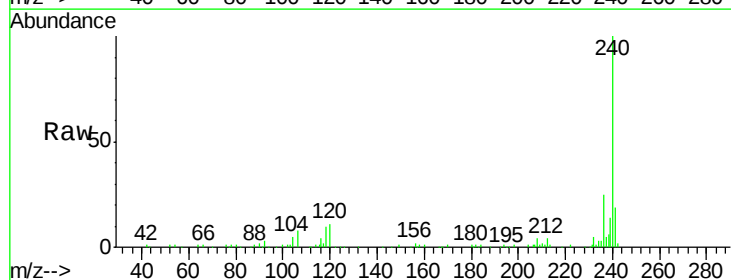


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

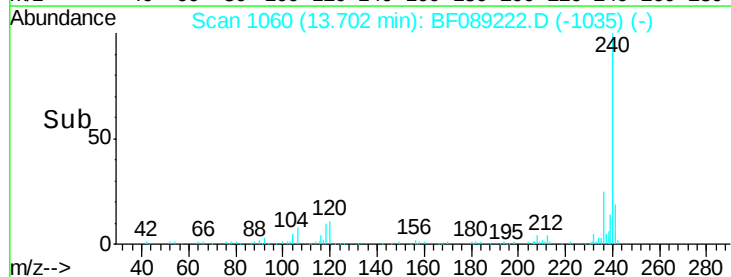
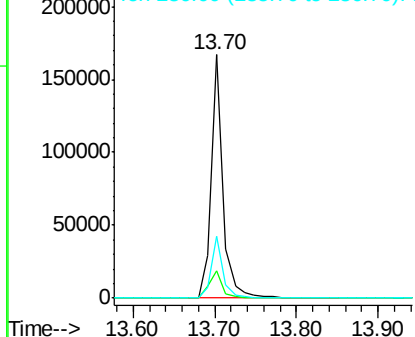


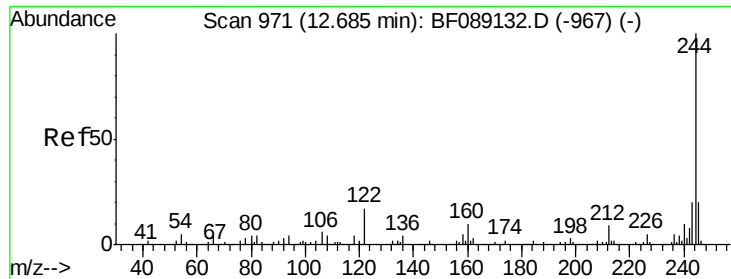
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF089222.D
Acq: 23 Jul 2016 7:22

Tgt Ion:240 Resp: 170796
Ion Ratio Lower Upper
240 100
120 11.1 13.6 20.4#
236 25.3 20.5 30.7



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

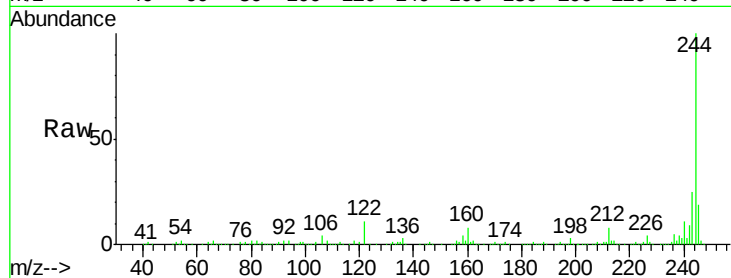




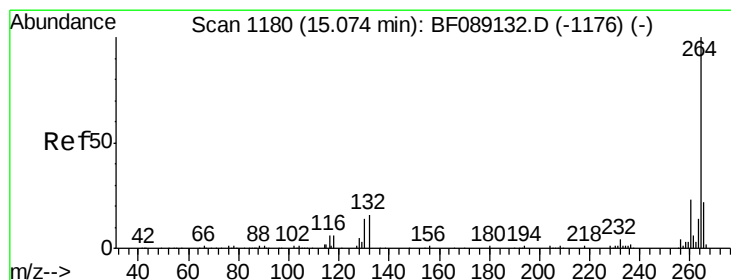
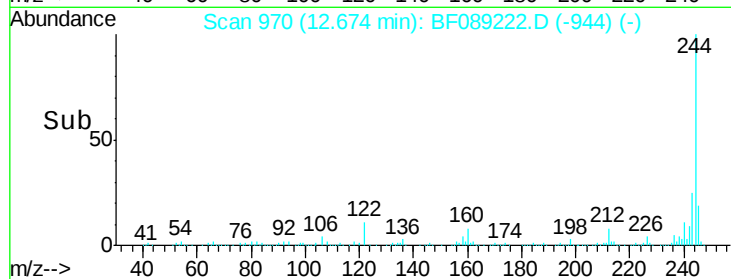
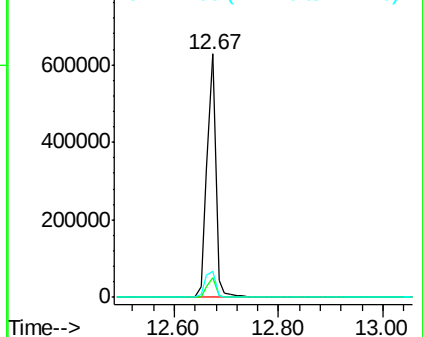
#78
 Terphenyl-d14
 Concen: 92.91 ng
 RT: 12.67 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF089222.D
 Acq: 23 Jul 2016 7:22

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 731598
 Ion Ratio Lower Upper
 244 100
 212 7.8 7.0 10.4
 122 10.7 13.8 20.8#

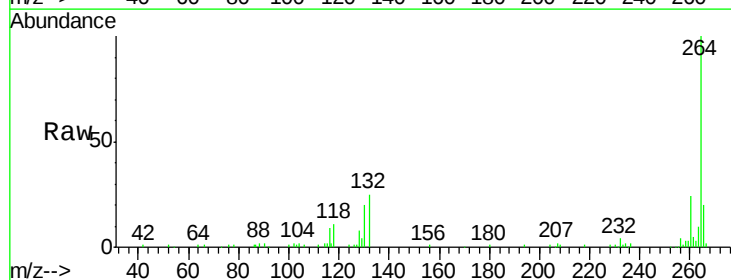


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF089222.D
 Acq: 23 Jul 2016 7:22

Tgt Ion:264 Resp: 127034
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 20.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

