

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089849.D
 Acq On : 23 Aug 2016 23:49
 Operator : UM/SJ
 Sample : PB93042BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93042BL

Quant Time: Aug 25 14:05:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	400753	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1731389	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	790139	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1354535	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	1226864	20.00	ng	-0.03
86) Perylene-d12	15.30	264	950306	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2947809	126.14	ng	-0.01
7) Phenol-d6	6.31	99	3594986	125.32	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2182875	78.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	810723	107.97	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4139060	92.07	ng	-0.01
78) Terphenyl-d14	12.78	244	3413982	62.95	ng	-0.01

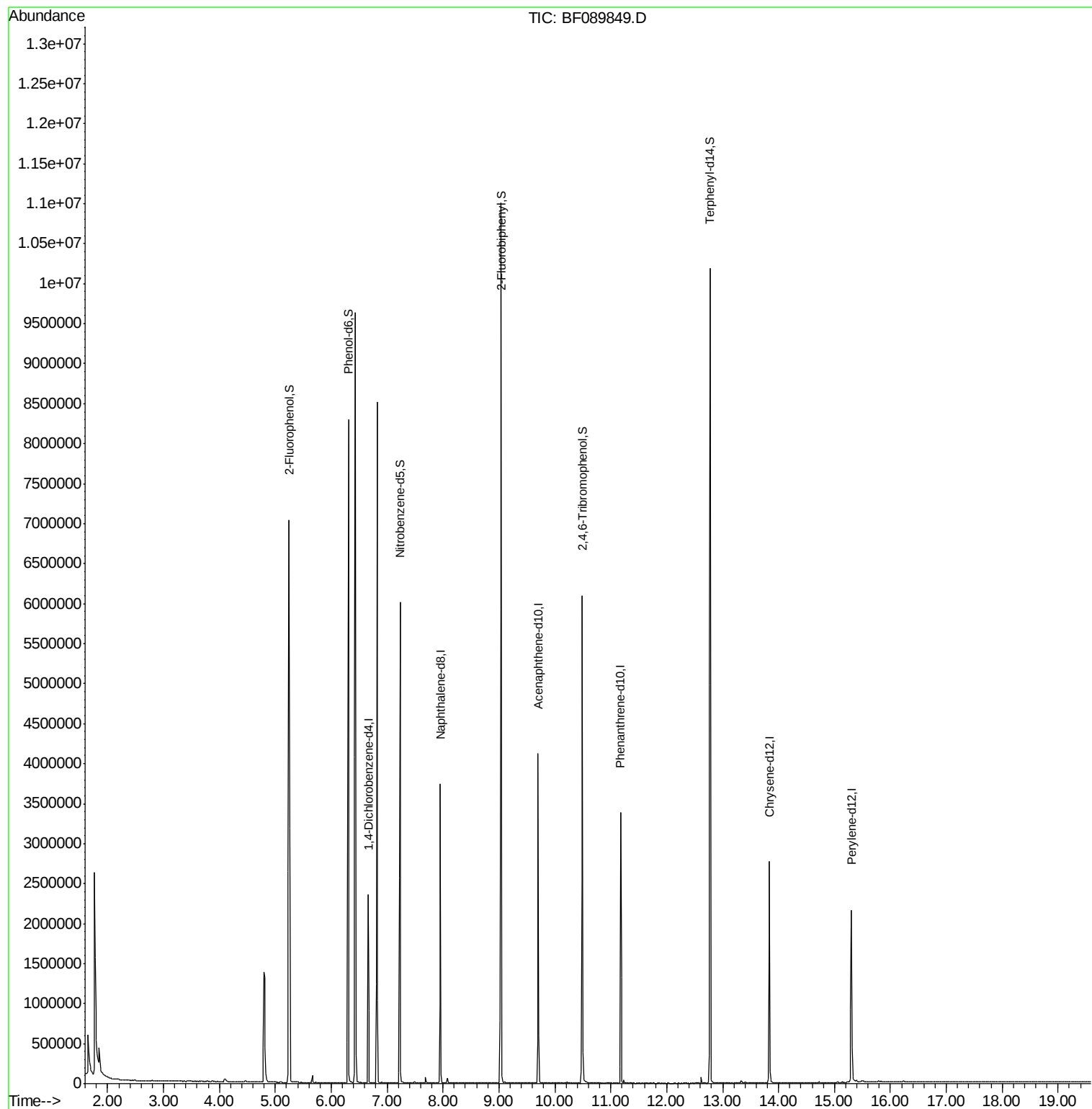
Target Compounds	Qvalue
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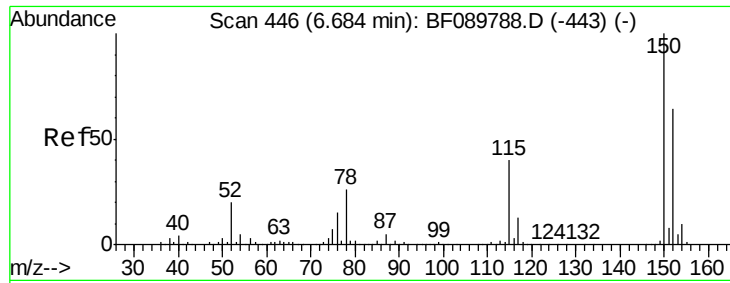
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089849.D

Acq: 23 Aug 2016 23:49

Instrument :

BNA_F

ClientSampleId :

PB93042BL

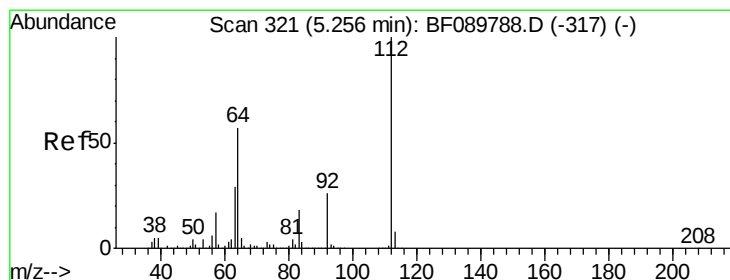
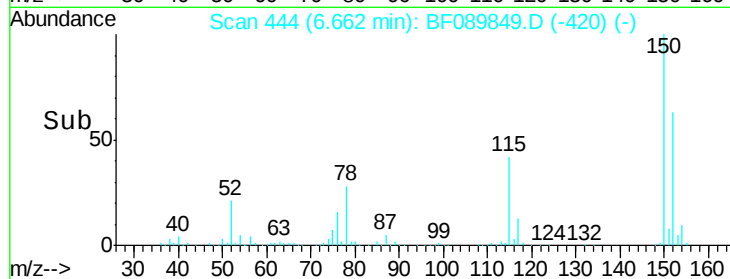
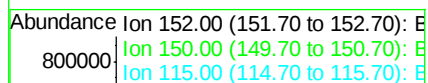
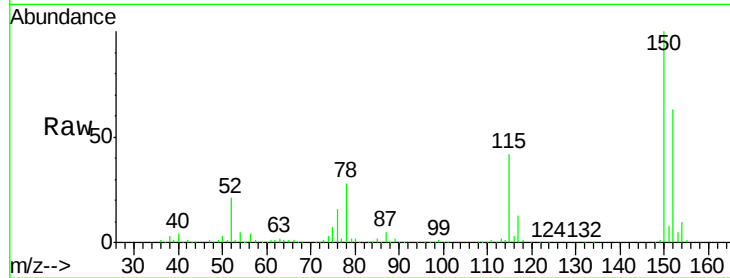
Tgt Ion:152 Resp: 400753

Ion Ratio Lower Upper

152 100

150 158.6 125.3 187.9

115 66.2 40.9 61.3#



#5

2-Fluorophenol

Concen: 126.14 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089849.D

Acq: 23 Aug 2016 23:49

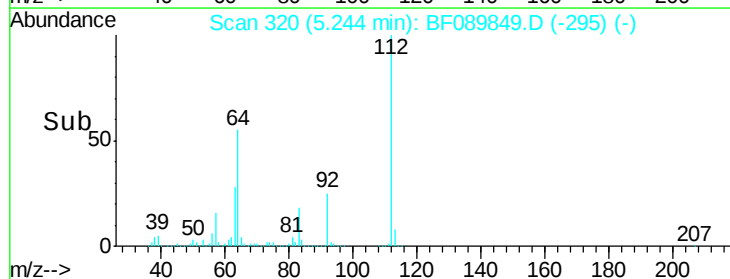
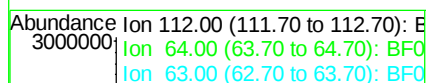
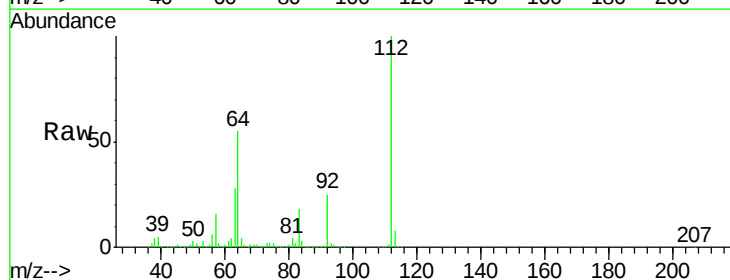
Tgt Ion:112 Resp: 2947809

Ion Ratio Lower Upper

112 100

64 55.4 45.0 67.4

63 27.7 23.1 34.7





#7

Phenol-d6

Concen: 125.32 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089849.D

Acq: 23 Aug 2016 23:49

Instrument :

BNA_F

ClientSampleId :

PB93042BL

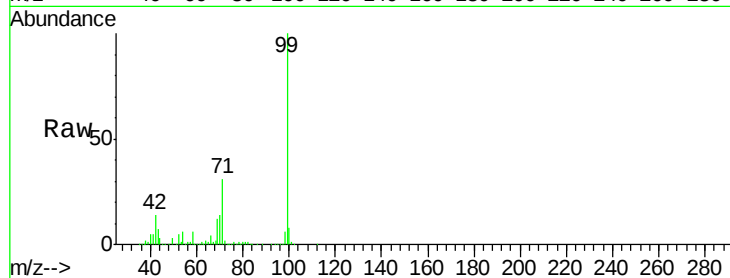
Tgt Ion: 99 Resp: 3594986

Ion Ratio Lower Upper

99 100

42 13.7 12.2 18.4

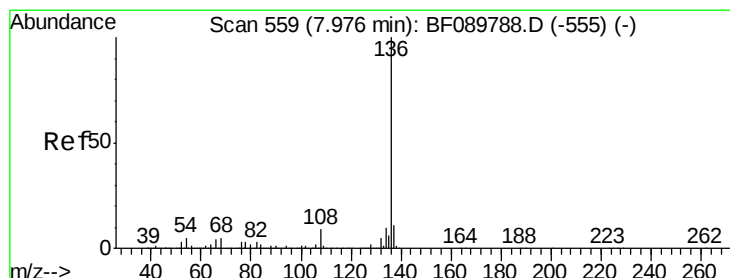
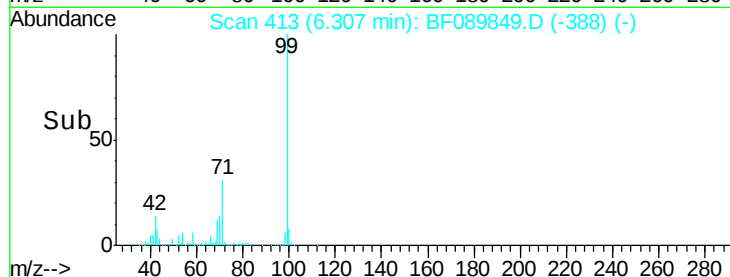
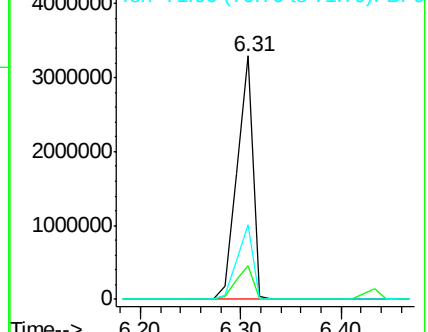
71 30.7 23.8 35.8



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: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089849.D

Acq: 23 Aug 2016 23:49

Tgt Ion: 136 Resp: 1731389

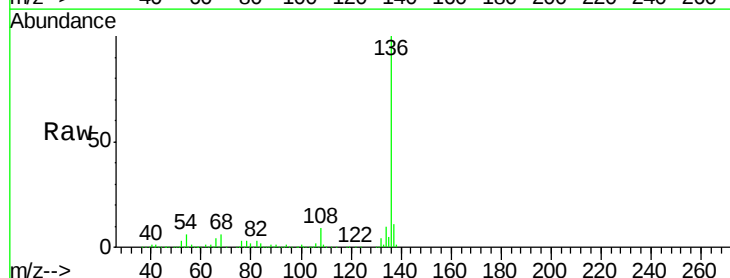
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 5.6 7.2 10.8#

68 5.5 5.8 8.8#

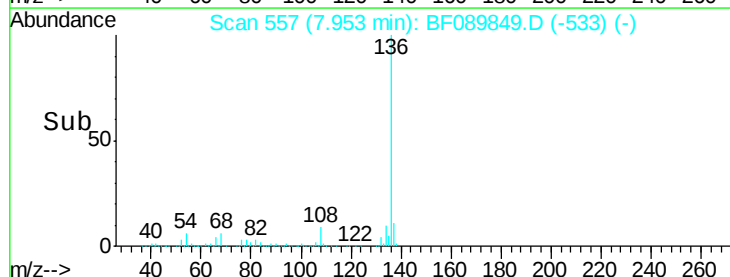
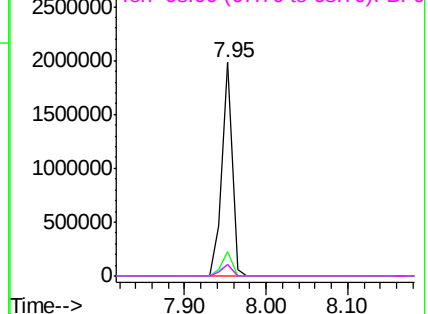


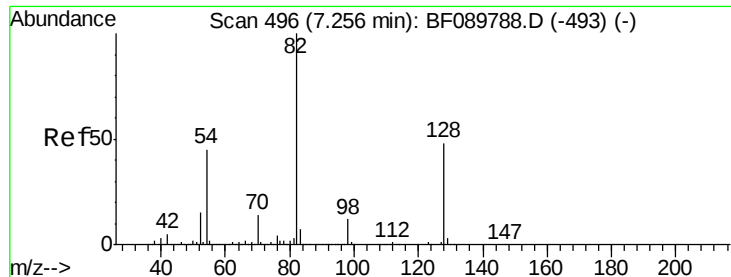
Abundance Ion 136.00 (135.70 to 136.70): E

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

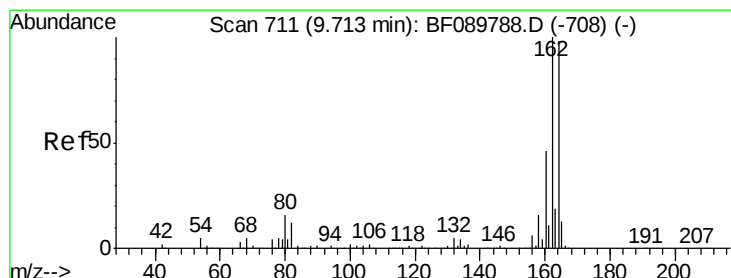
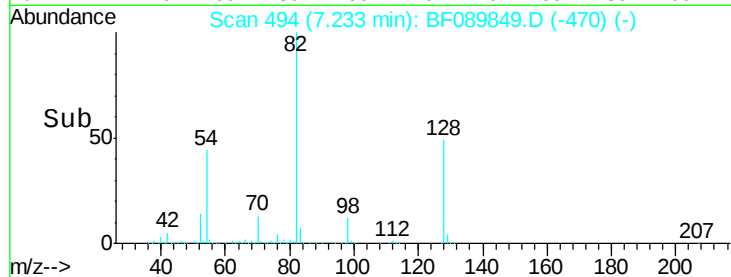
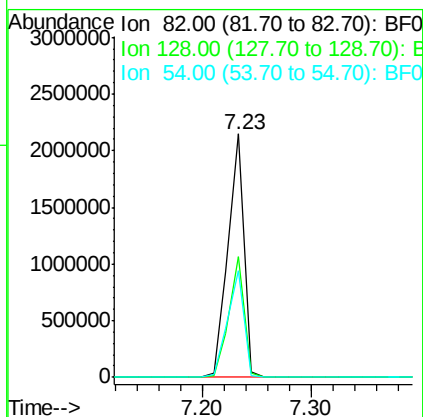
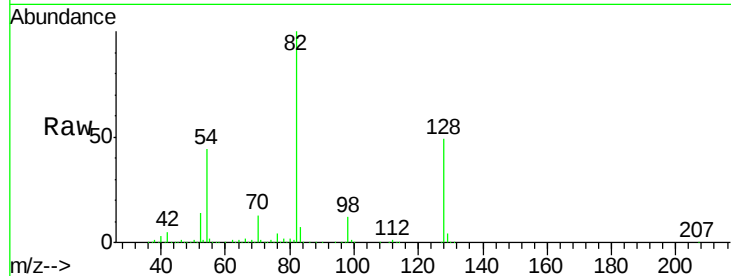




#23
 Nitrobenzene-d5
 Concen: 78.33 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089849.D
 Acq: 23 Aug 2016 23:49

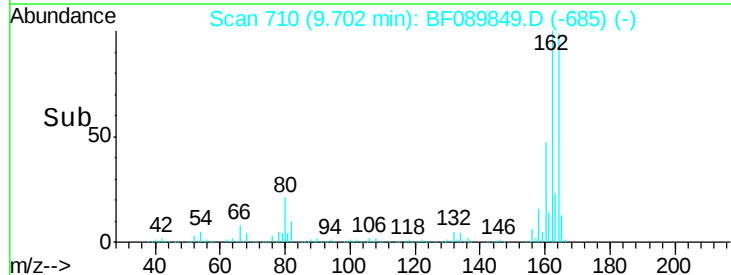
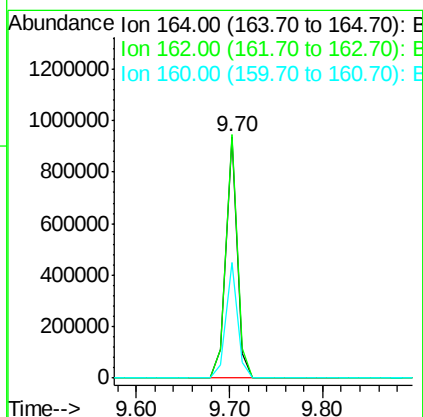
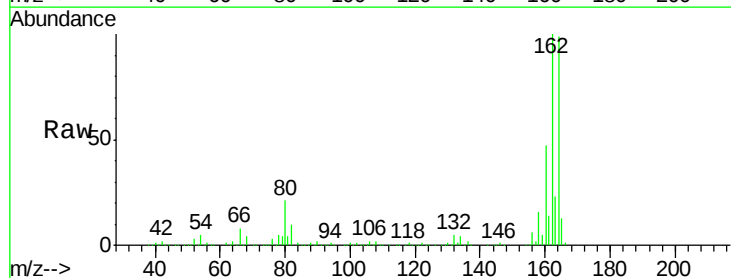
Instrument :
 BNA_F
 ClientSampleId :
 PB93042BL

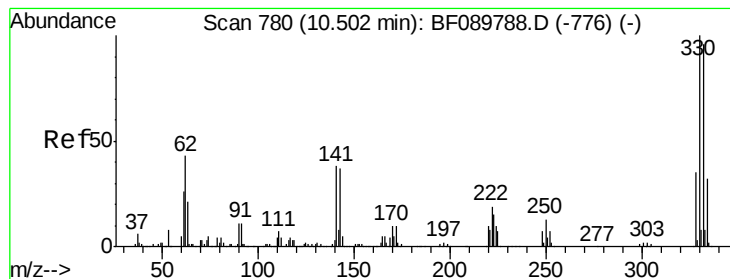
Tgt Ion: 82 Resp: 2182875
 Ion Ratio Lower Upper
 82 100
 128 49.4 34.4 51.6
 54 44.0 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089849.D
 Acq: 23 Aug 2016 23:49

Tgt Ion: 164 Resp: 790139
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.4 122.2
 160 47.6 37.8 56.6

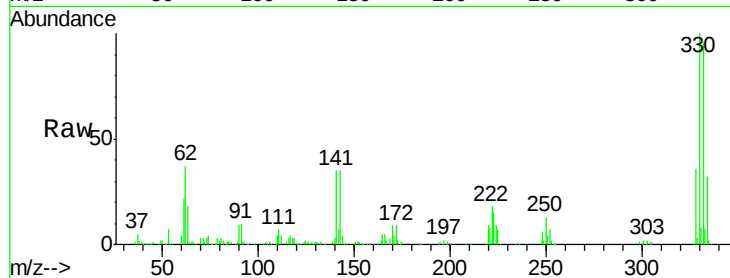




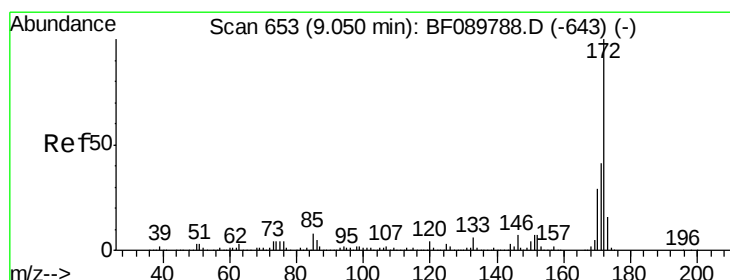
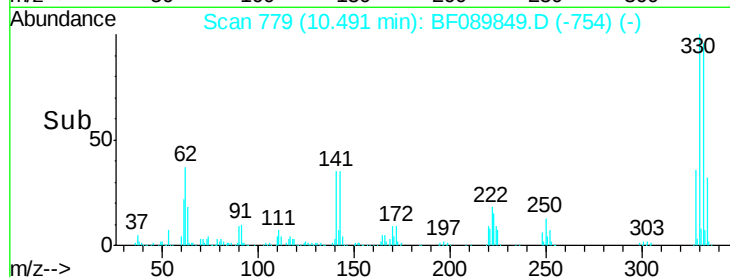
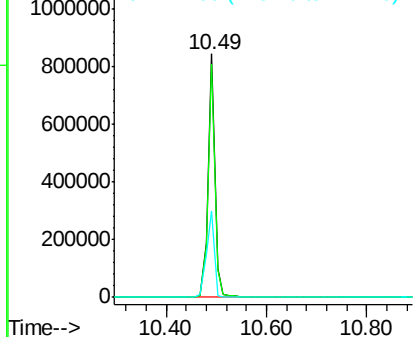
#41
 2,4,6-Tribromophenol
 Concen: 107.97 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089849.D
 Acq: 23 Aug 2016 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB93042BL

Tgt Ion:330 Resp: 810723
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.7 115.1
 141 39.9 30.2 45.2

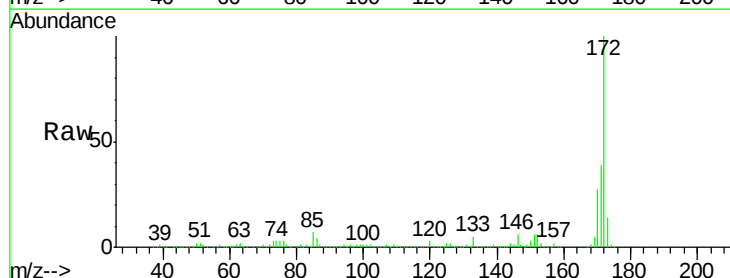


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

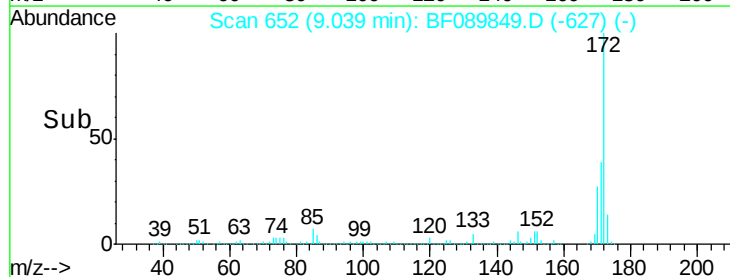
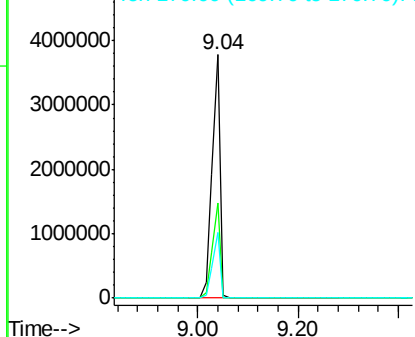


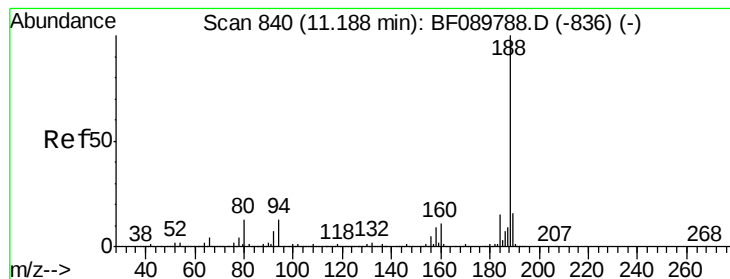
#44
 2-Fluorobiphenyl
 Concen: 92.07 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089849.D
 Acq: 23 Aug 2016 23:49

Tgt Ion:172 Resp: 4139060
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.5 45.7
 170 27.2 20.6 31.0



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: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089849.D

Acq: 23 Aug 2016 23:49

Instrument :

BNA_F

ClientSampleId :

PB93042BL

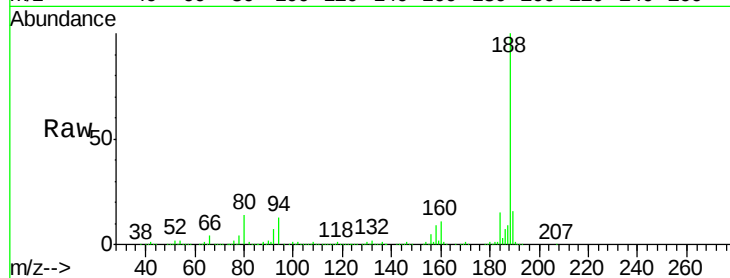
Tgt Ion:188 Resp: 1354535

Ion Ratio Lower Upper

188 100

94 13.5 10.2 15.2

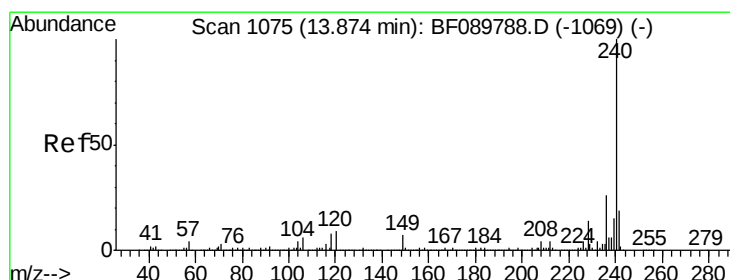
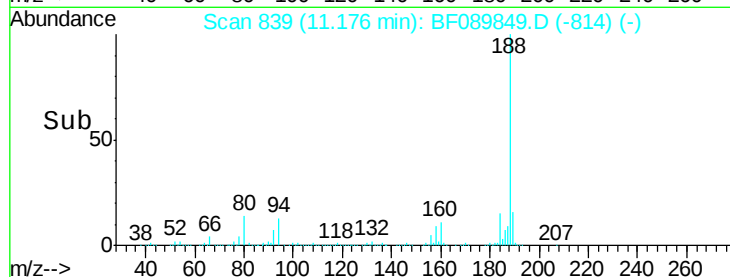
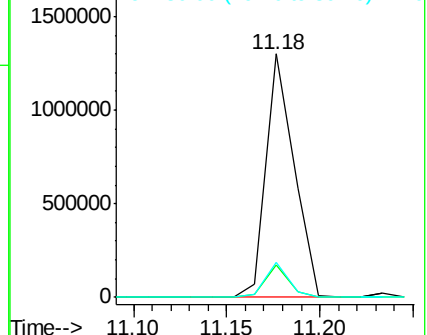
80 14.2 10.9 16.3



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: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089849.D

Acq: 23 Aug 2016 23:49

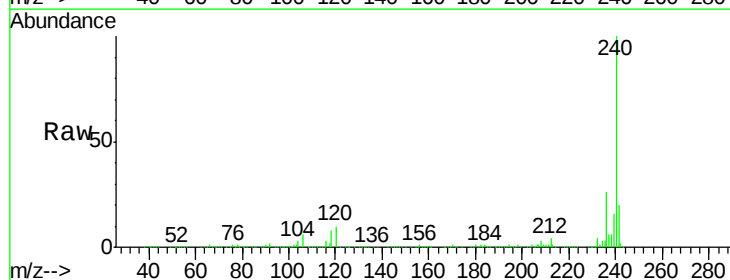
Tgt Ion:240 Resp: 1226864

Ion Ratio Lower Upper

240 100

120 9.5 8.3 12.5

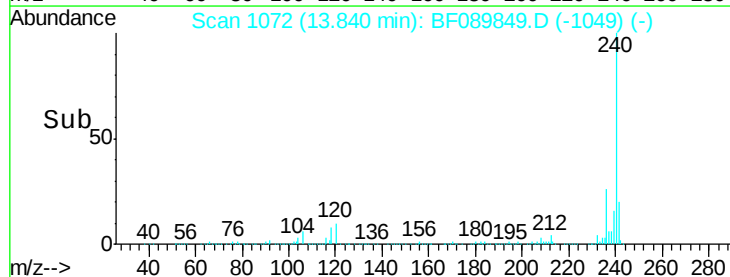
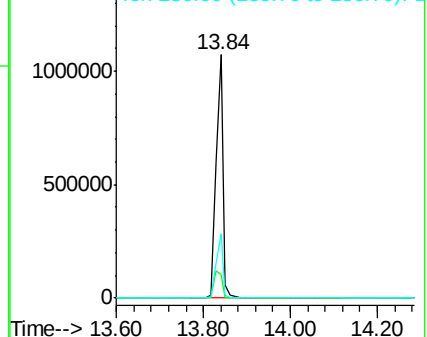
236 26.4 21.3 31.9

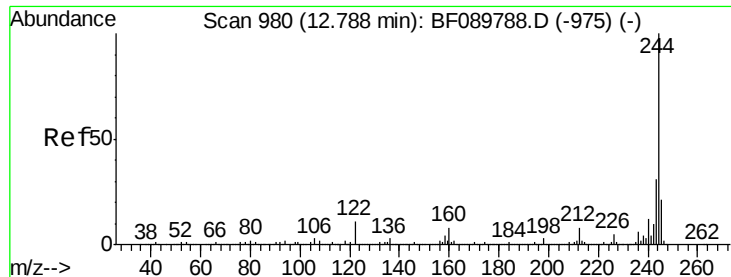


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

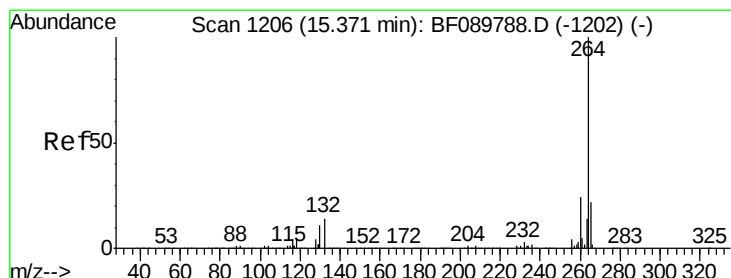
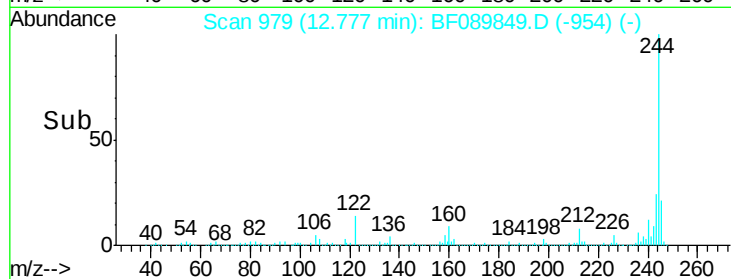
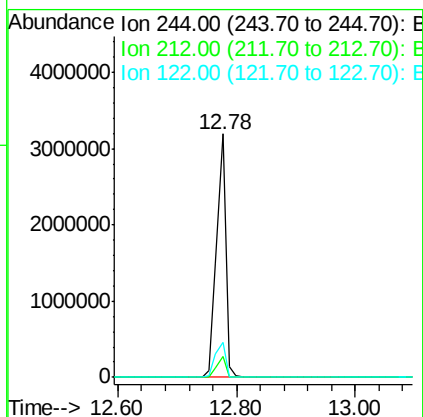
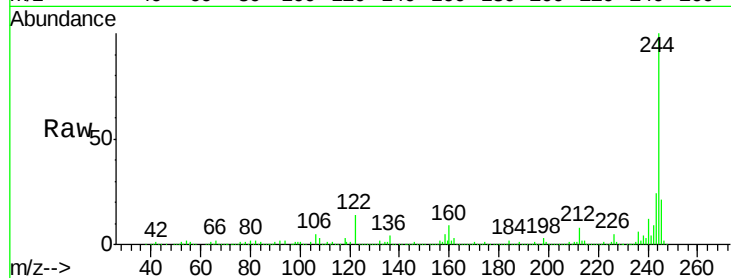




#78
 Terphenyl-d14
 Concen: 62.95 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF089849.D
 Acq: 23 Aug 2016 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB93042BL

Tgt Ion:244 Resp: 3413982
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.3 9.5
 122 14.2 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. -0.07 min
 Lab File: BF089849.D
 Acq: 23 Aug 2016 23:49

Tgt Ion:264 Resp: 950306
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.2 30.2
 265 21.5 17.4 26.2

