

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089209.D
 Acq On : 22 Jul 2016 23:32
 Operator : UM/SJ
 Sample : H4152-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-7.5-8.5

Quant Time: Jul 23 02:21:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

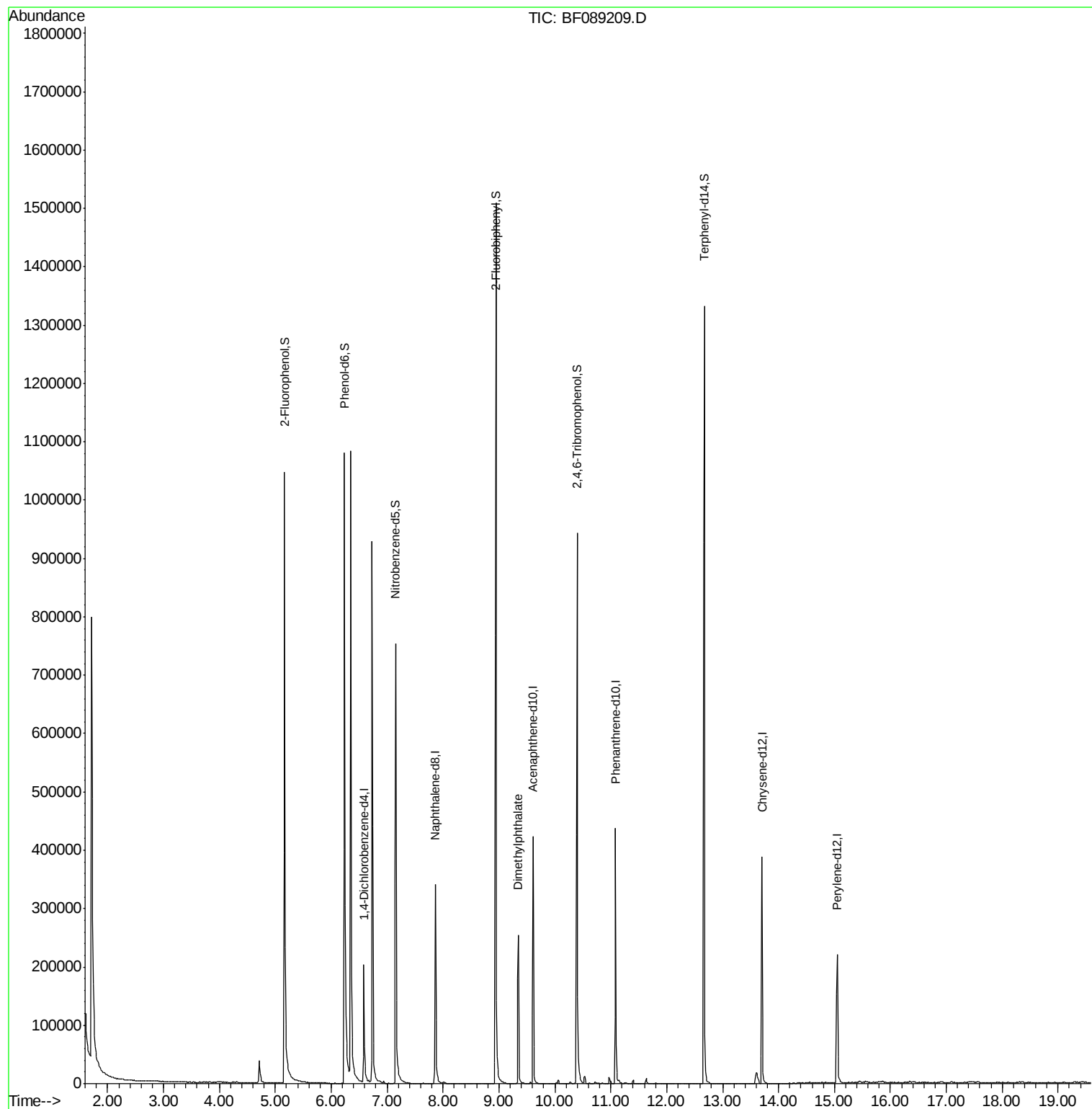
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45229	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	194710	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	95045	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	190316	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	144023	20.00	ng	-0.02
86) Perylene-d12	15.05	264	113308	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	411921	138.51	ng	-0.02
7) Phenol-d6	6.24	99	540768	141.01	ng	-0.03
23) Nitrobenzene-d5	7.15	82	359091	97.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	119065	139.14	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	617926	89.58	ng	-0.02
78) Terphenyl-d14	12.67	244	553384	83.34	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.35	163	158968	21.80	ng	100

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

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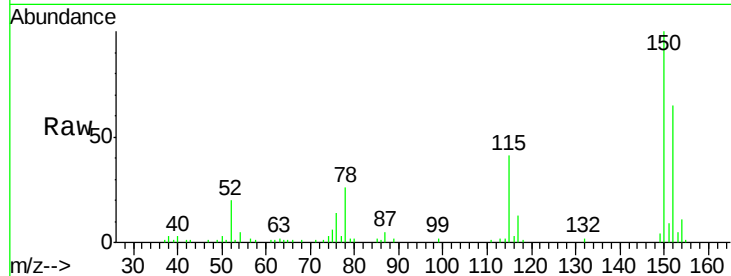




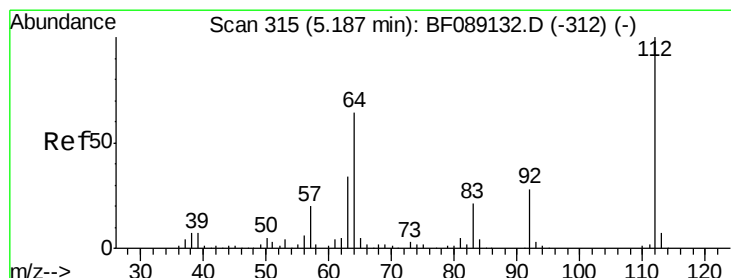
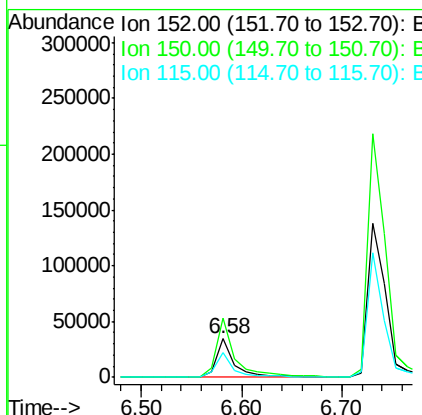
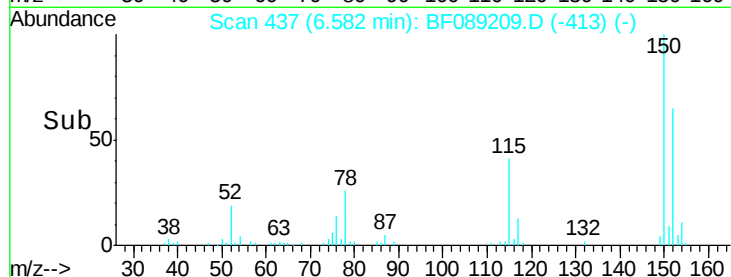
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-7.5-8.5

Tgt Ion:152 Resp: 45229
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.1 187.7
 115 63.4 51.1 76.7

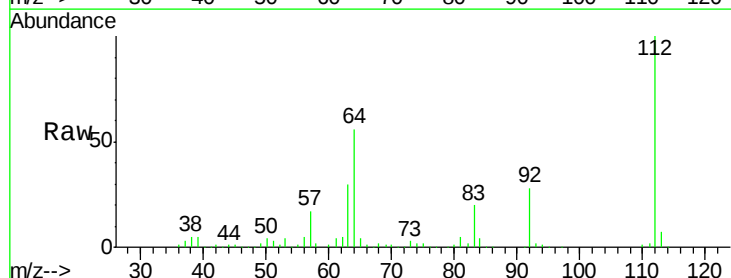


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

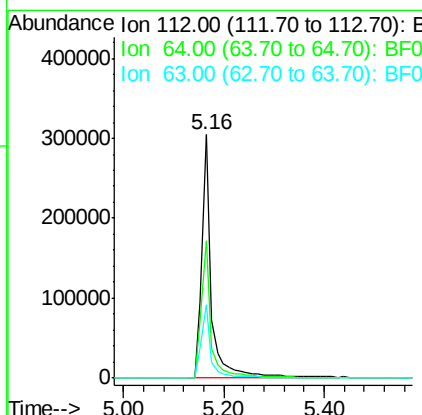
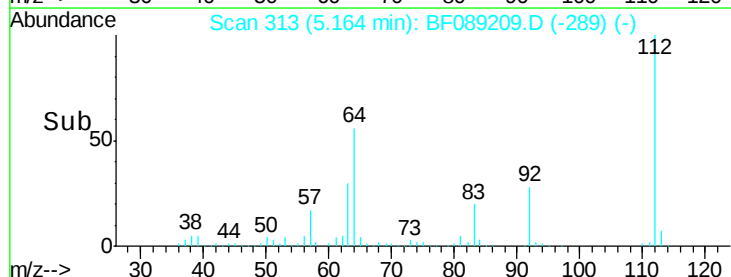


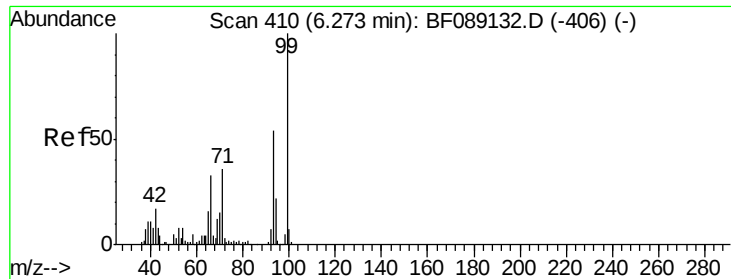
#5
 2-Fluorophenol
 Concen: 138.51 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

Tgt Ion:112 Resp: 411921
 Ion Ratio Lower Upper
 112 100
 64 56.4 51.0 76.4
 63 30.2 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: 141.01 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089209.D

Acq: 22 Jul 2016 23:32

Instrument :

BNA_F

ClientSampled :

SB-16-7.5-8.5

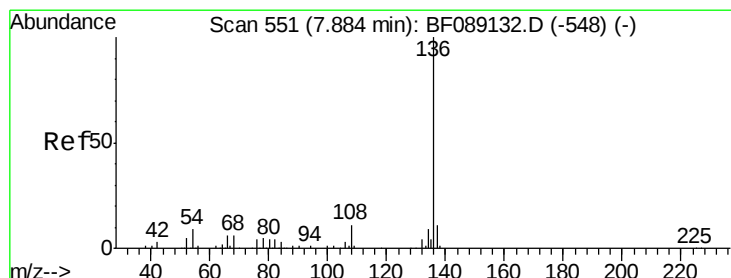
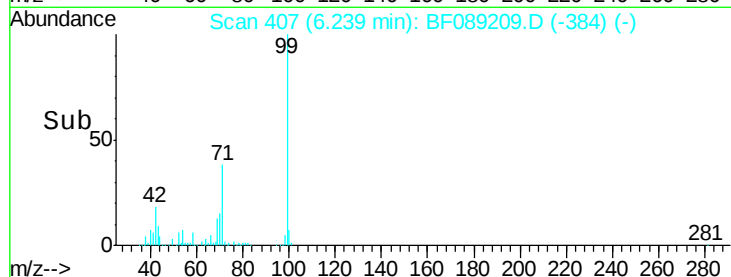
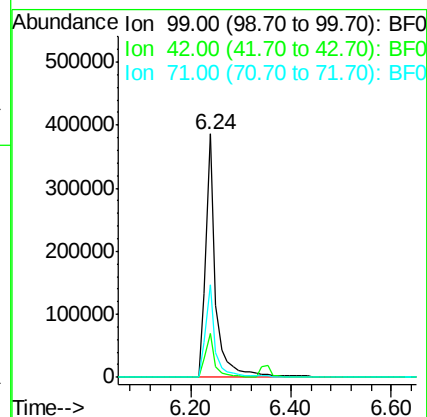
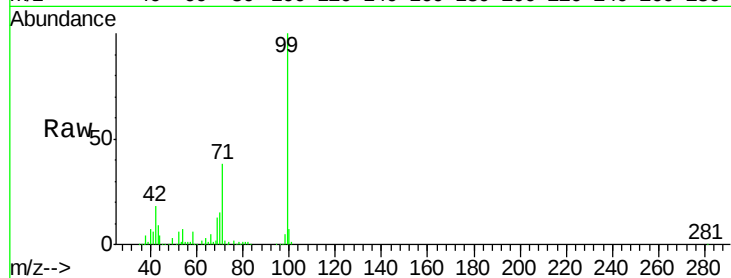
Tgt Ion: 99 Resp: 540768

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

71 38.1 28.9 43.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089209.D

Acq: 22 Jul 2016 23:32

Tgt Ion: 136 Resp: 194710

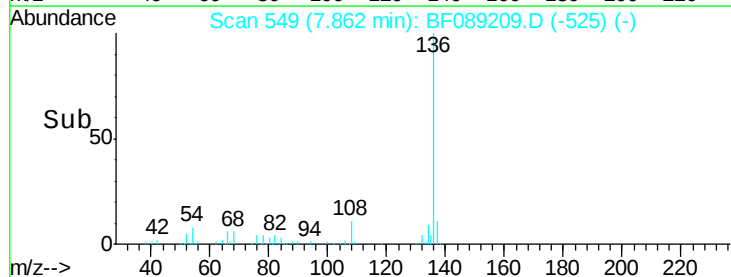
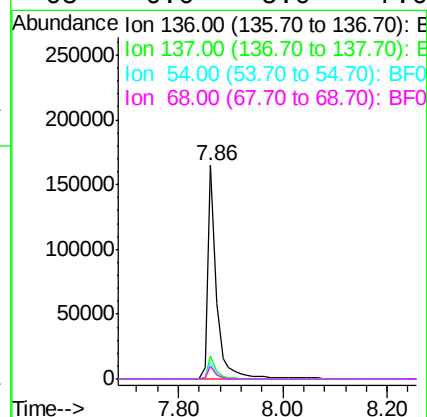
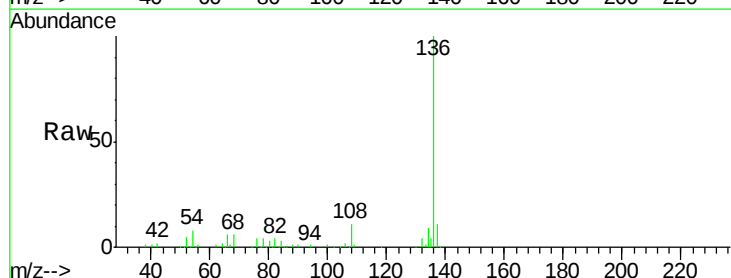
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.8 7.0 10.4

68 6.0 5.0 7.6

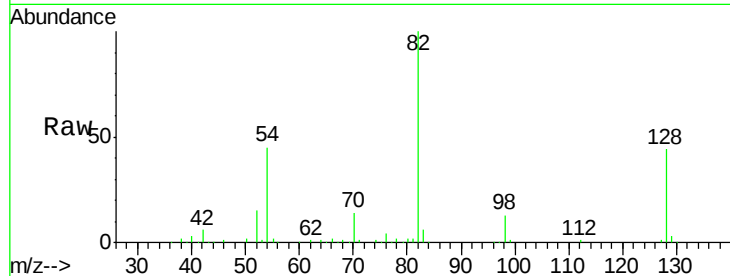




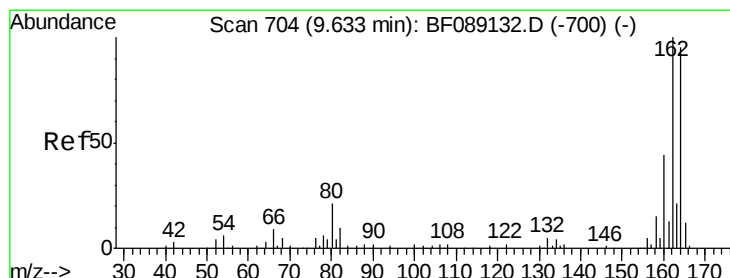
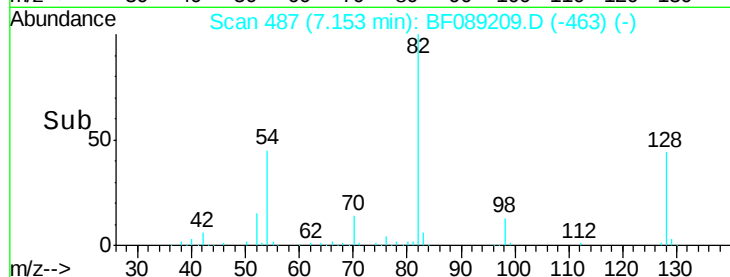
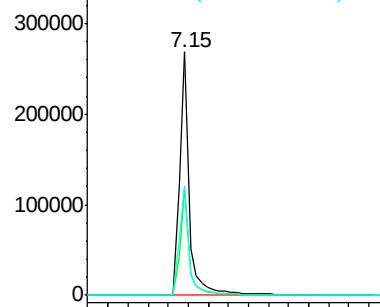
#23
 Nitrobenzene-d5
 Concen: 97.99 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-7.5-8.5

Tgt Ion: 82 Resp: 359091
 Ion Ratio Lower Upper
 82 100
 128 44.0 33.0 49.6
 54 45.0 39.0 58.4

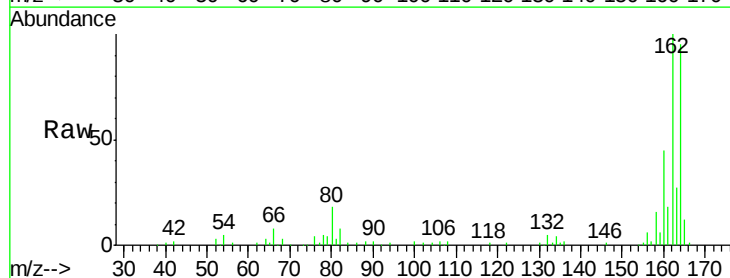


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

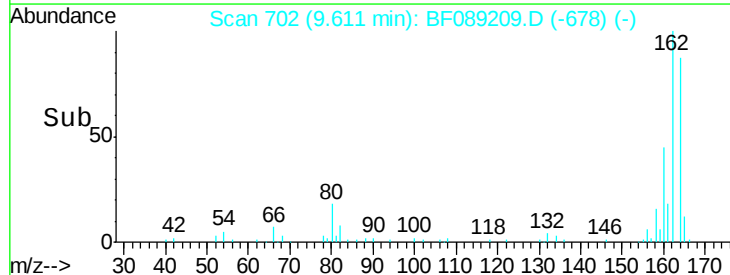
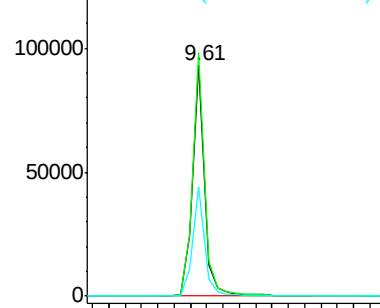


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

Tgt Ion: 164 Resp: 95045
 Ion Ratio Lower Upper
 164 100
 162 105.6 84.1 126.1
 160 47.5 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

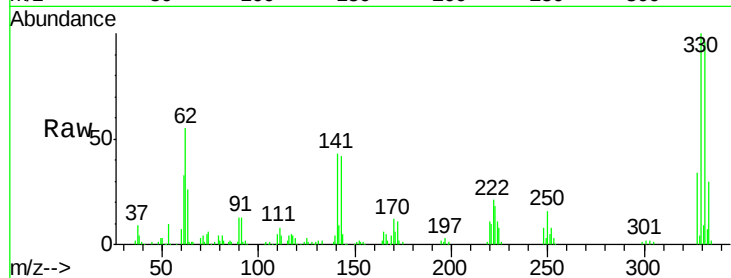




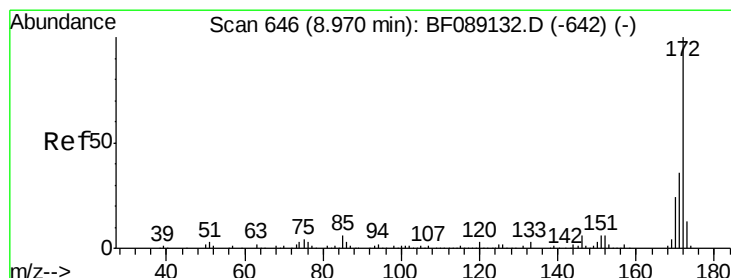
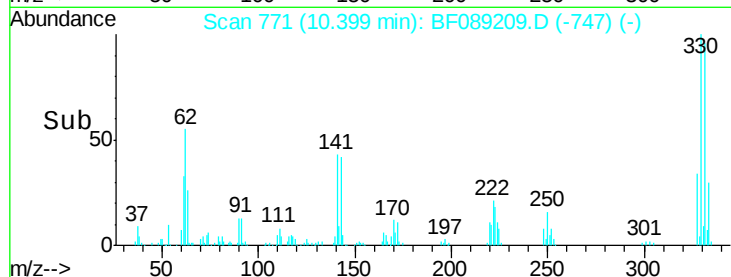
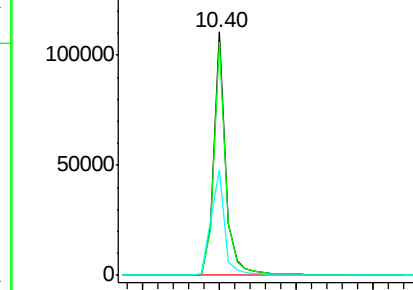
#41
 2,4,6-Tribromophenol
 Concen: 139.14 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

Instrument :
 BNA_F
 ClientSampled :
 SB-16-7.5-8.5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	49.1	42.2	63.2

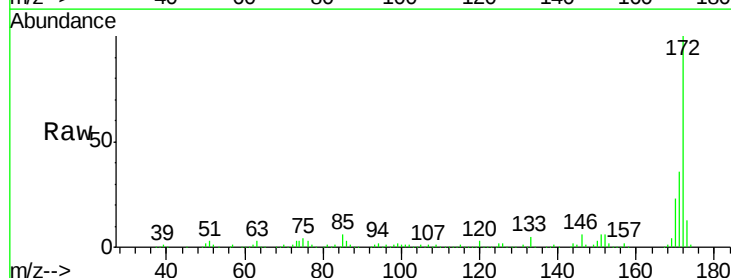


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

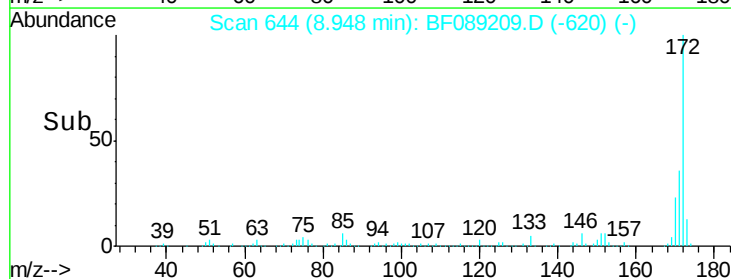
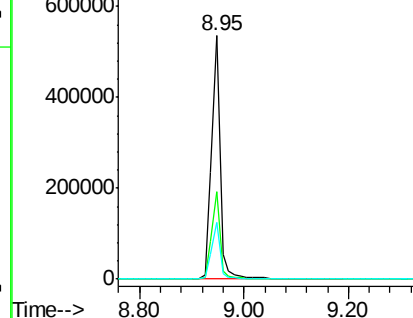


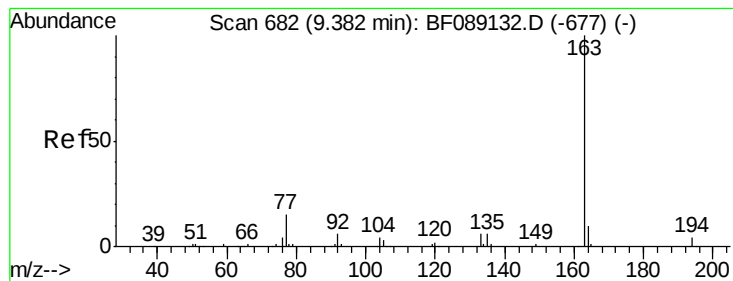
#44
 2-Fluorobiphenyl
 Concen: 89.58 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.3	19.1	28.7



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





#49

Dimethylphthalate

Concen: 21.80 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF089209.D

Acq: 22 Jul 2016 23:32

Instrument :

BNA_F

ClientSampleId :

SB-16-7.5-8.5

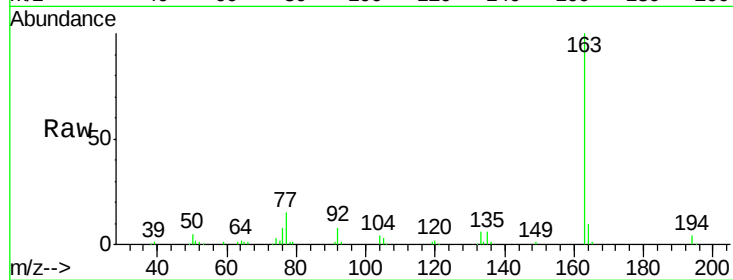
Tgt Ion:163 Resp: 158968

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

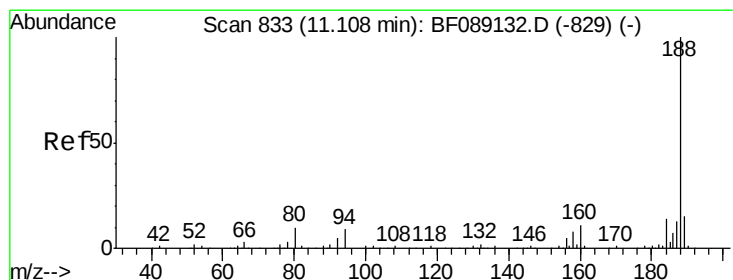
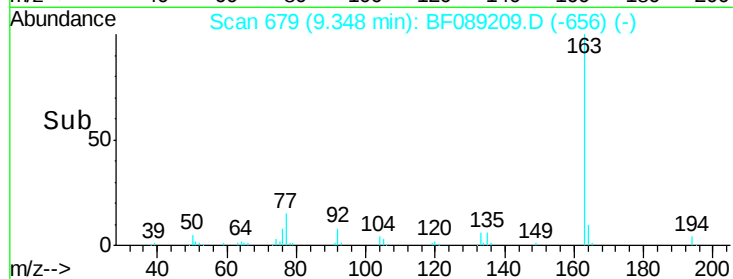
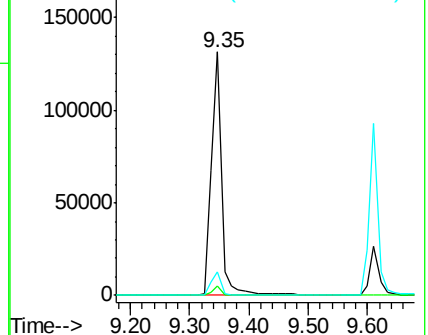
164 9.7 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF089209.D

Acq: 22 Jul 2016 23:32

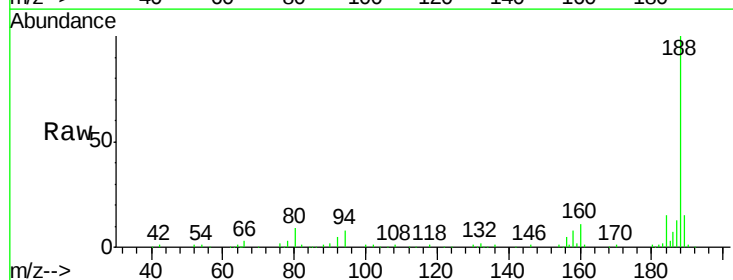
Tgt Ion:188 Resp: 190316

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

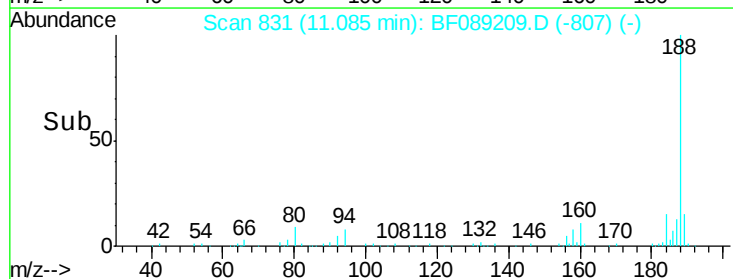
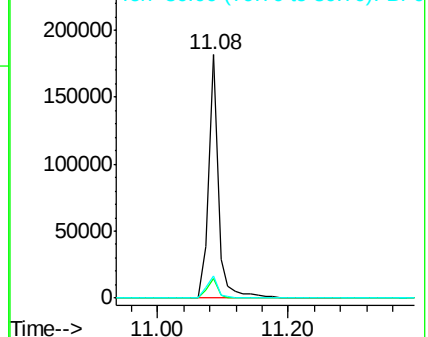
80 9.0 7.7 11.5



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. -0.02 min

Lab File: BF089209.D

Acq: 22 Jul 2016 23:32

Instrument :

BNA_F

ClientSampleId :

SB-16-7.5-8.5

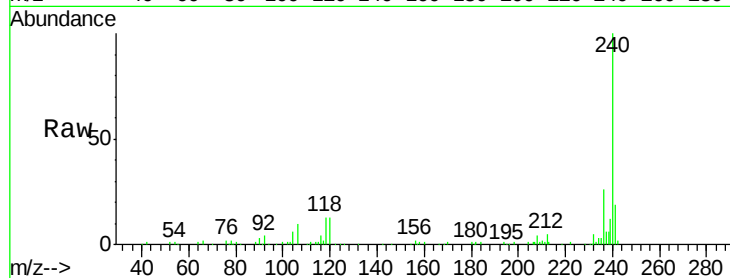
Tgt Ion:240 Resp: 144023

Ion Ratio Lower Upper

240 100

120 13.5 13.6 20.4#

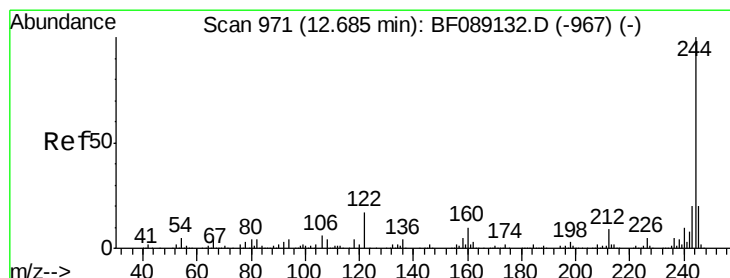
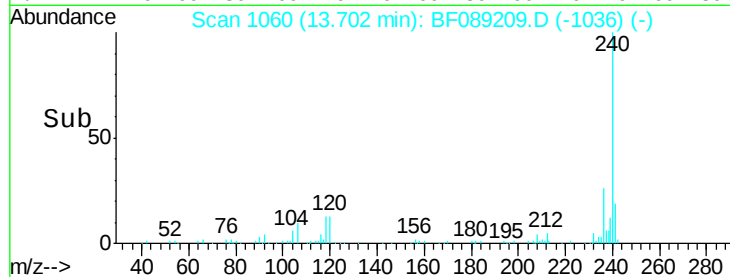
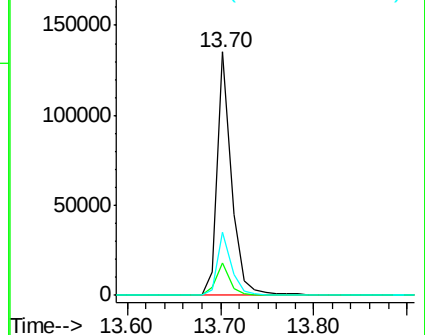
236 25.8 20.5 30.7



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: 83.34 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089209.D

Acq: 22 Jul 2016 23:32

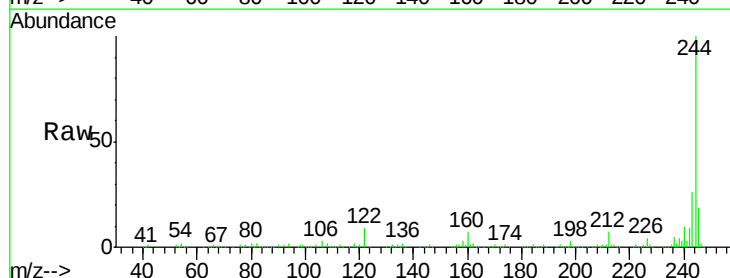
Tgt Ion:244 Resp: 553384

Ion Ratio Lower Upper

244 100

212 7.2 7.0 10.4

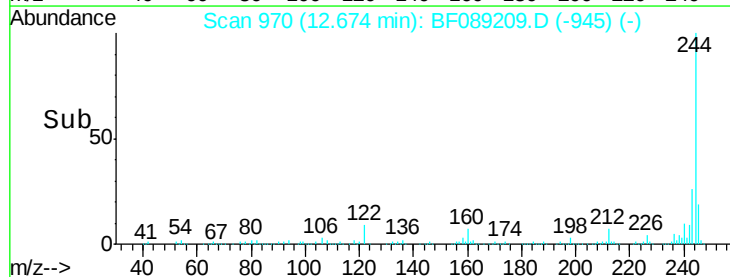
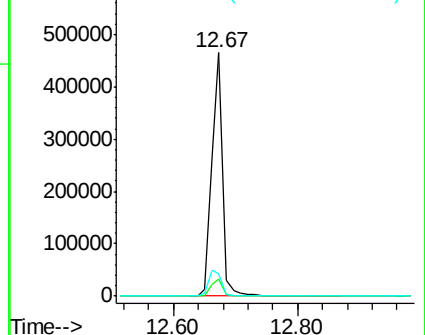
122 8.9 13.8 20.8#

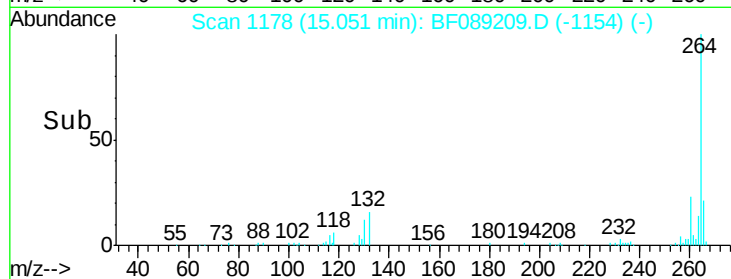
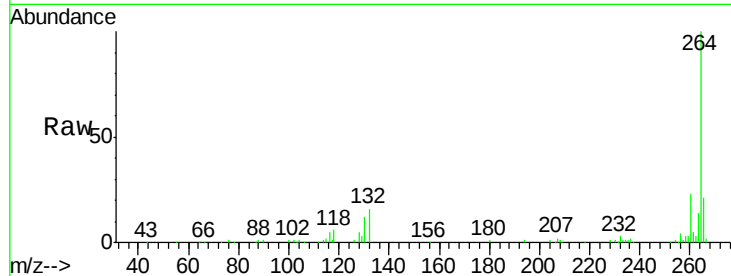
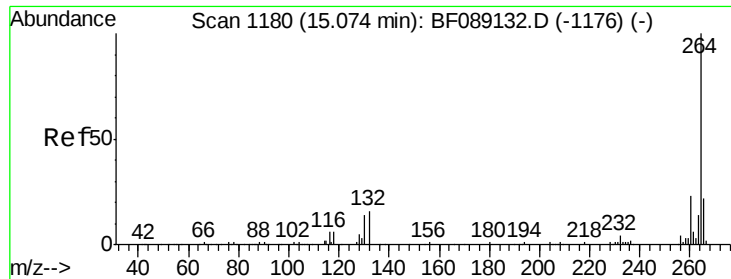


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BF089209.D

Acq: 22 Jul 2016 23:32

Instrument :

BNA_F

ClientSampleId :

SB-16-7.5-8.5

Tgt Ion: 264 Resp: 113308

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 20.7 17.3 25.9

