

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089210.D
 Acq On : 23 Jul 2016 00:04
 Operator : UM/SJ
 Sample : H4152-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-12.5-13.5

Quant Time: Jul 23 02:24:34 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

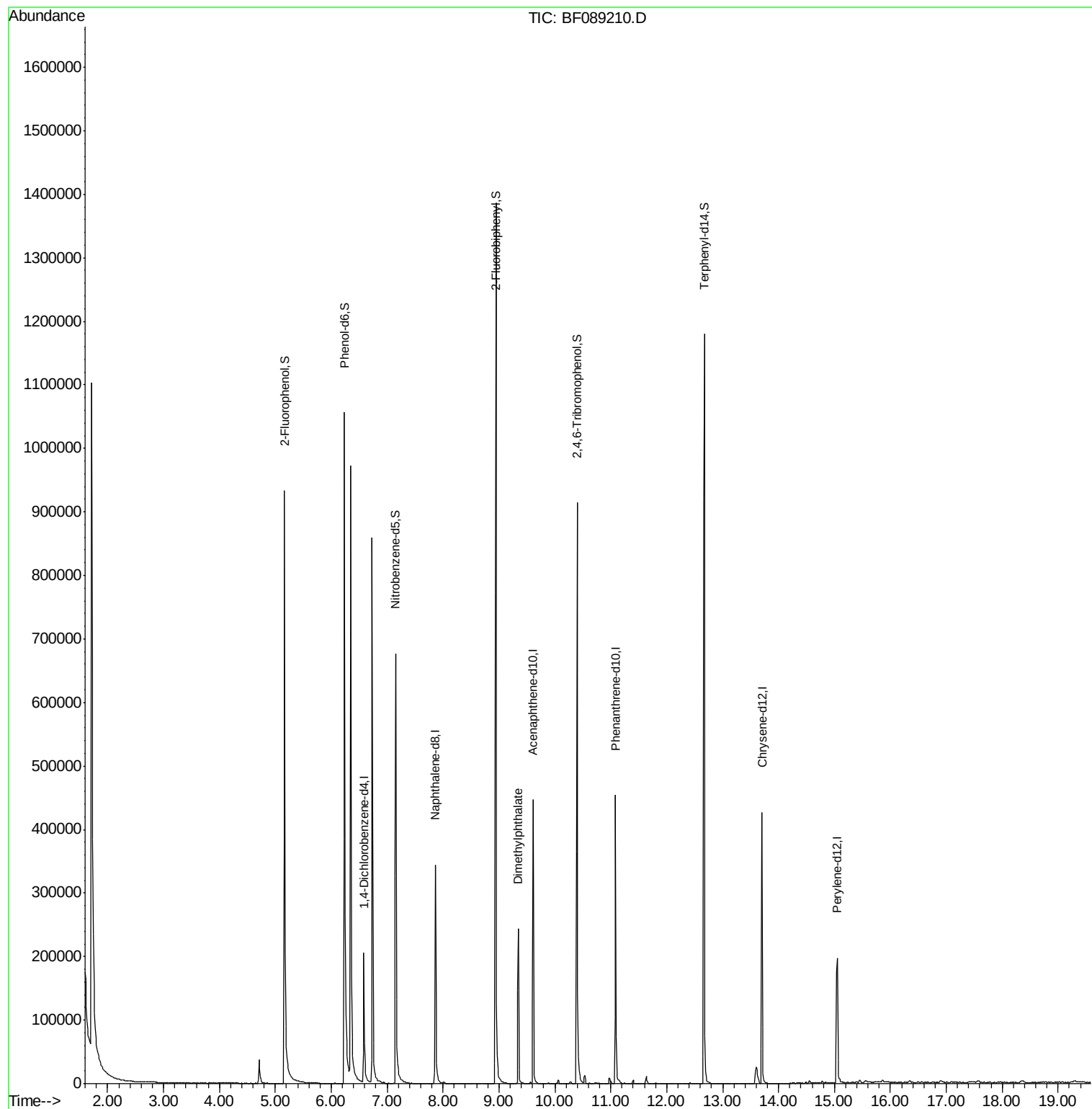
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46021	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	200247	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	96919	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	194380	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	151001	20.00	ng	-0.02
86) Perylene-d12	15.05	264	111188	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	381812	126.18	ng	-0.02
7) Phenol-d6	6.24	99	518580	132.90	ng	-0.03
23) Nitrobenzene-d5	7.15	82	328760	87.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	110656	126.81	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	587828	83.57	ng	-0.02
78) Terphenyl-d14	12.67	244	515175	74.00	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.35	163	143709	19.32	ng	Qvalue 100

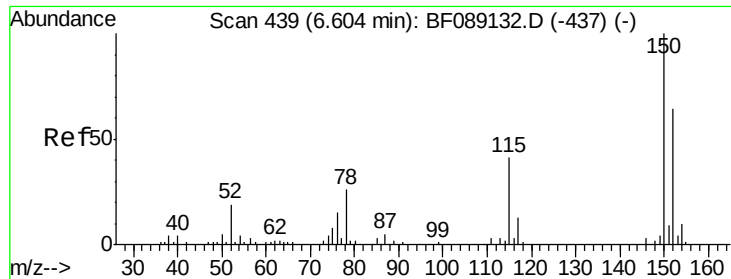
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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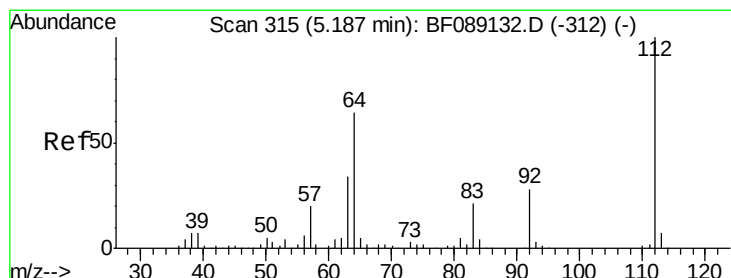
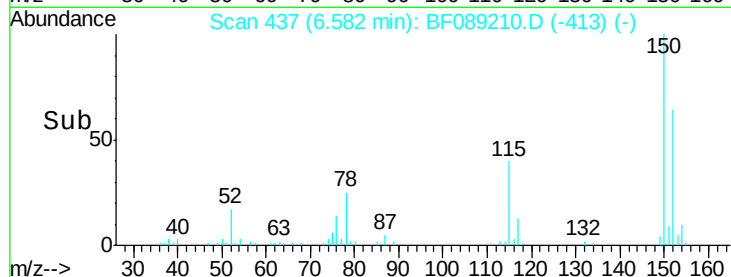
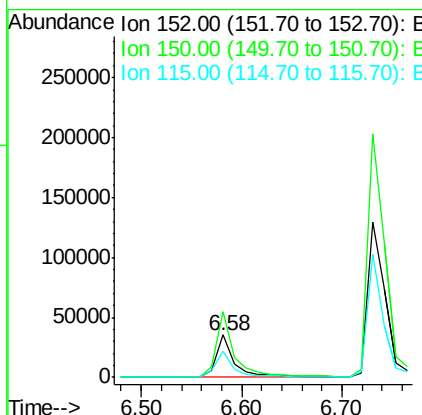
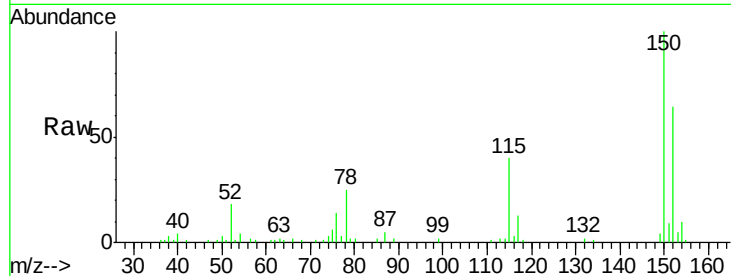




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089210.D
 Acq: 23 Jul 2016 00:04

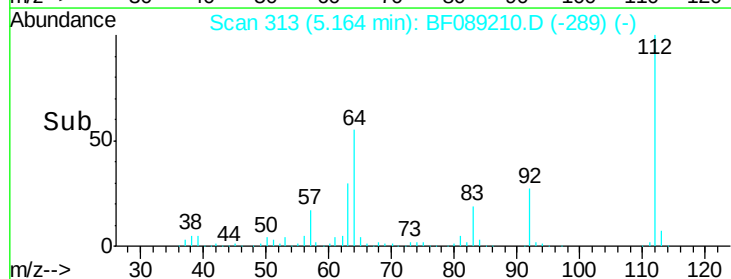
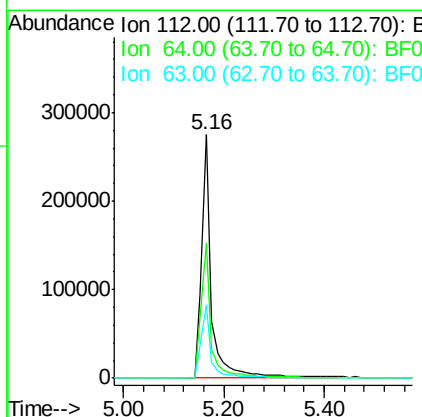
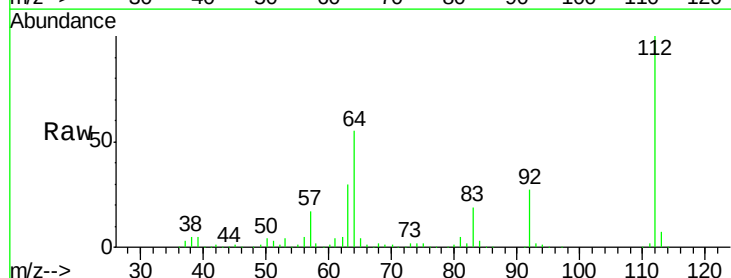
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-12.5-13.5

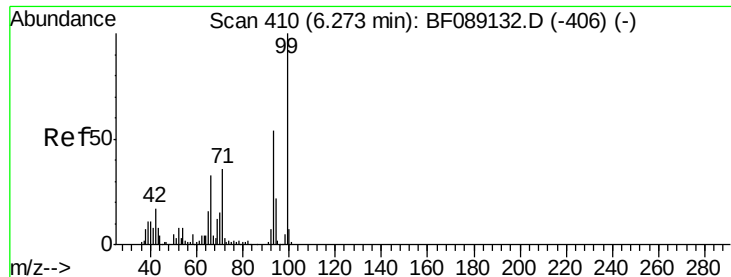
Tgt Ion:152 Resp: 46021
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.1 187.7
 115 62.7 51.1 76.7



#5
 2-Fluorophenol
 Concen: 126.18 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089210.D
 Acq: 23 Jul 2016 00:04

Tgt Ion:112 Resp: 381812
 Ion Ratio Lower Upper
 112 100
 64 55.4 51.0 76.4
 63 30.0 27.3 40.9





#7

Phenol-d6

Concen: 132.90 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089210.D

Acq: 23 Jul 2016 00:04

Instrument :

BNA_F

ClientSampleId :

SB-15-12.5-13.5

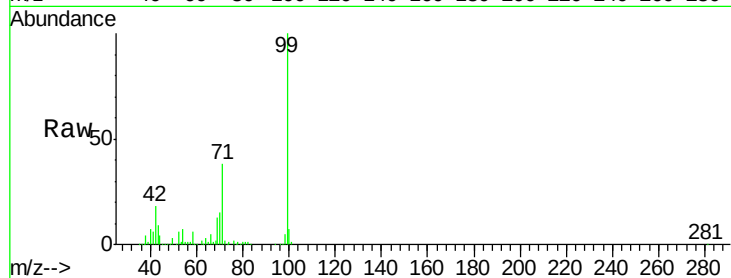
Tgt Ion: 99 Resp: 518580

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

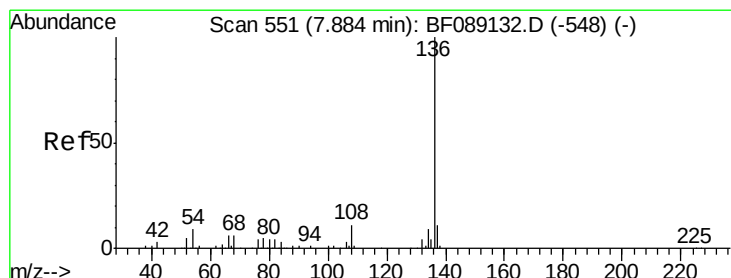
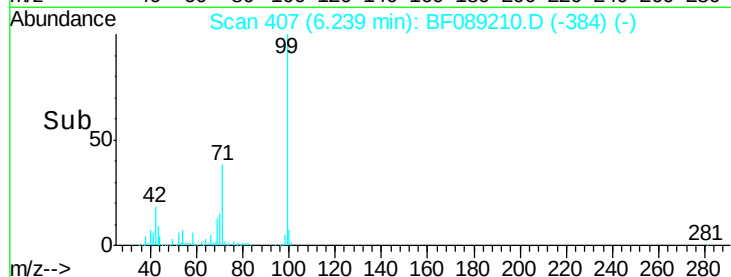
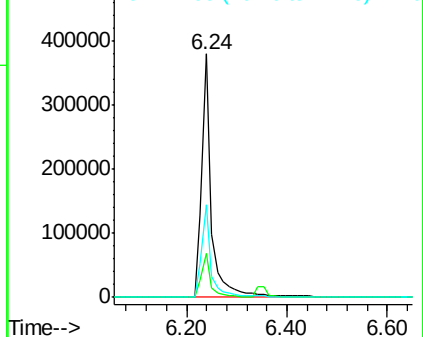
71 37.9 28.9 43.3



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. -0.02 min

Lab File: BF089210.D

Acq: 23 Jul 2016 00:04

Tgt Ion: 136 Resp: 200247

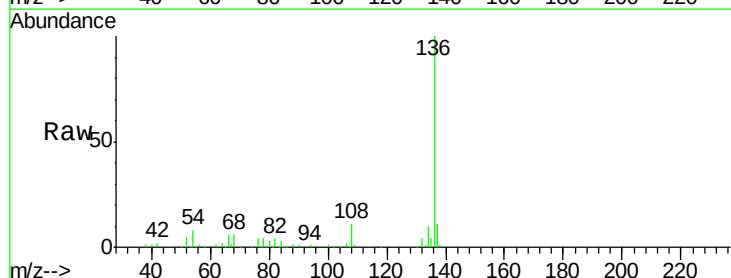
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.9 7.0 10.4

68 5.9 5.0 7.6

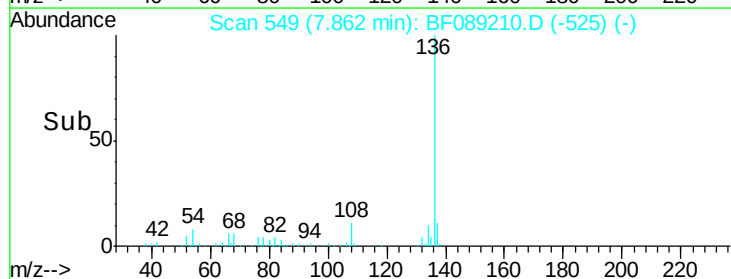
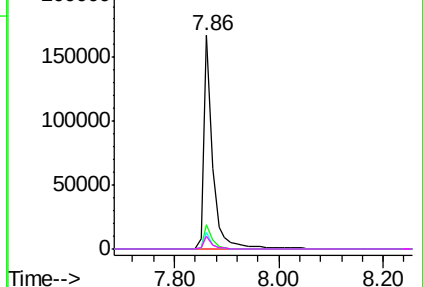


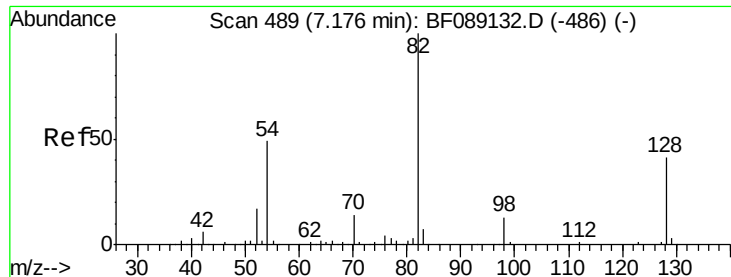
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.23 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089210.D

Acq: 23 Jul 2016 00:04

Instrument :

BNA_F

ClientSampleId :

SB-15-12.5-13.5

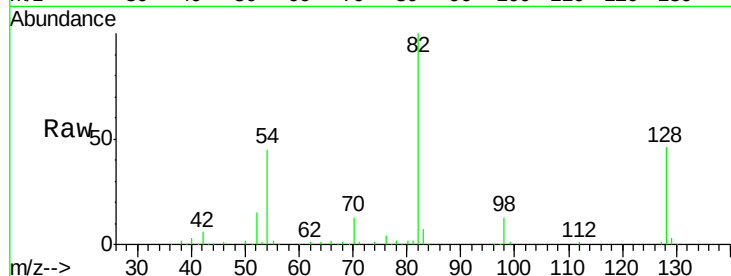
Tgt Ion: 82 Resp: 328760

Ion Ratio Lower Upper

82 100

128 45.6 33.0 49.6

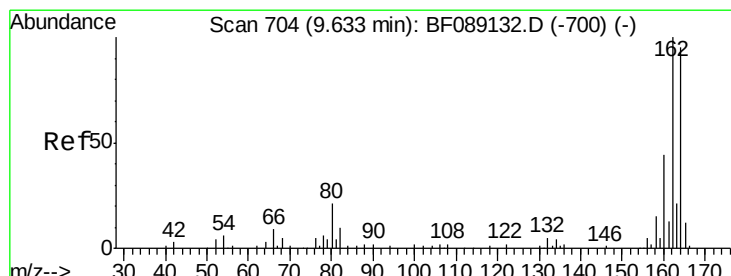
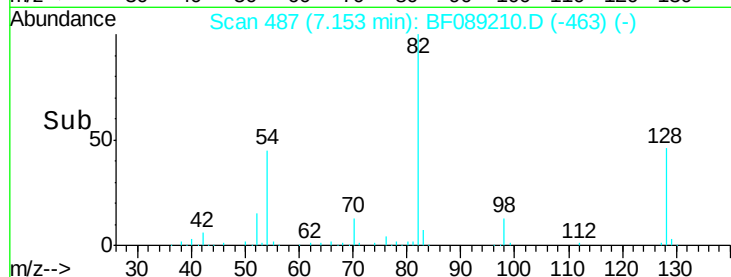
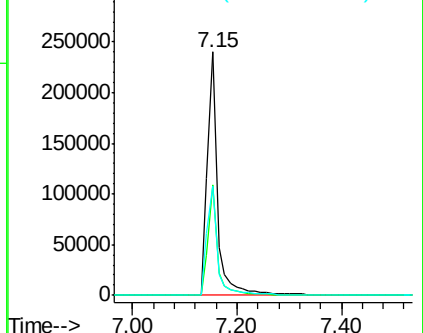
54 45.1 39.0 58.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

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: BF089210.D

Acq: 23 Jul 2016 00:04

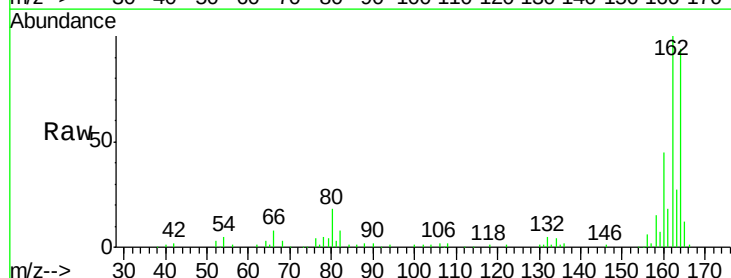
Tgt Ion: 164 Resp: 96919

Ion Ratio Lower Upper

164 100

162 106.0 84.1 126.1

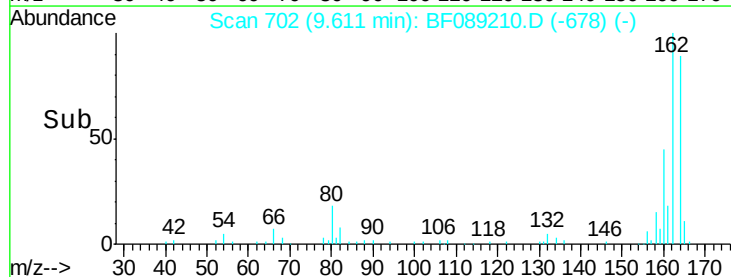
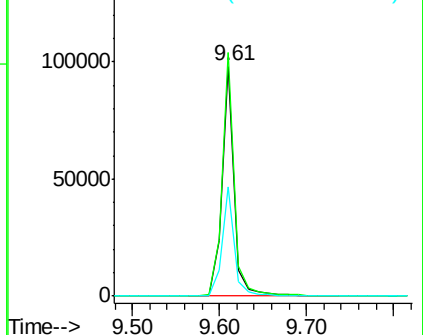
160 47.8 37.1 55.7

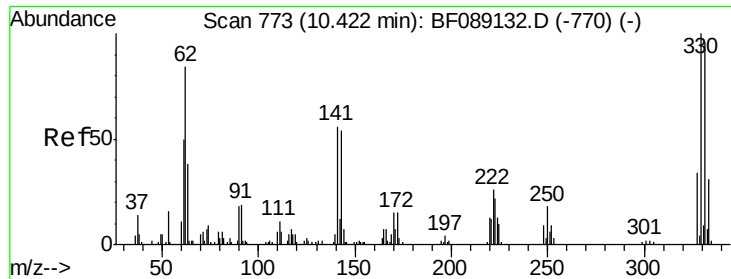


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

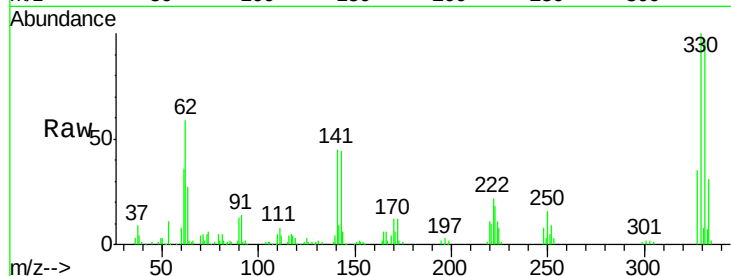




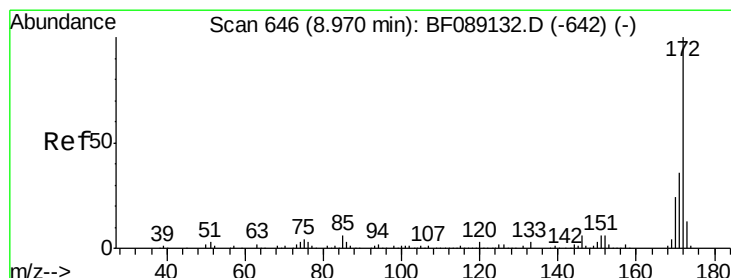
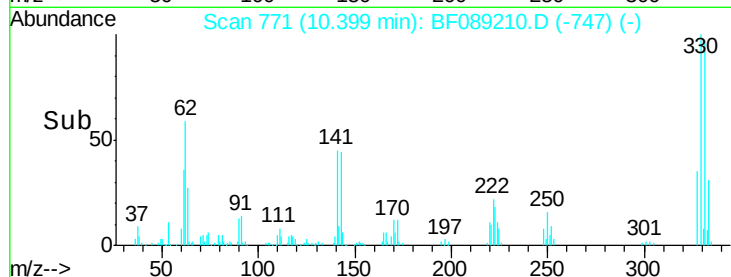
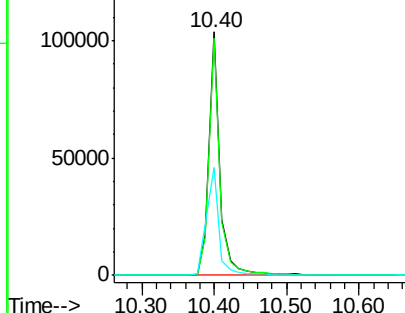
#41
 2,4,6-Tribromophenol
 Concen: 126.81 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089210.D
 Acq: 23 Jul 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-12.5-13.5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	50.0	42.2	63.2

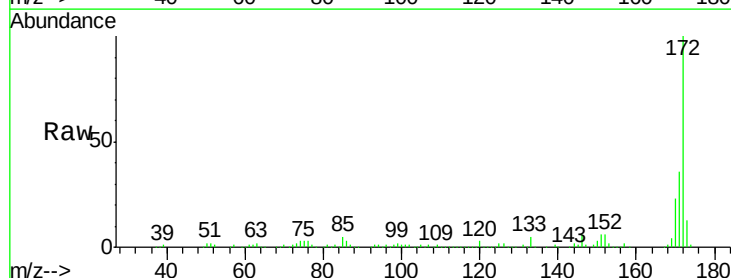


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

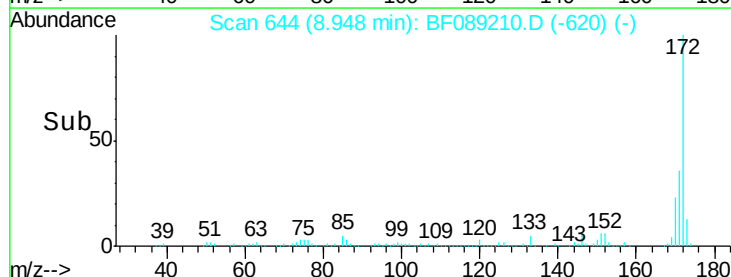
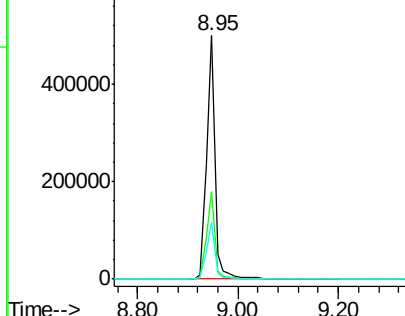


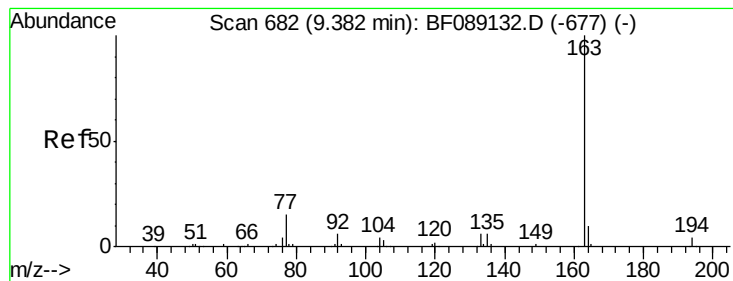
#44
 2-Fluorobiphenyl
 Concen: 83.57 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089210.D
 Acq: 23 Jul 2016 00:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.4	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: 19.32 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF089210.D

Acq: 23 Jul 2016 00:04

Instrument :

BNA_F

ClientSampleId :

SB-15-12.5-13.5

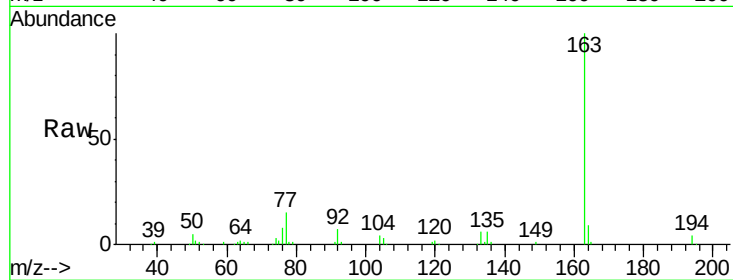
Tgt Ion:163 Resp: 143709

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

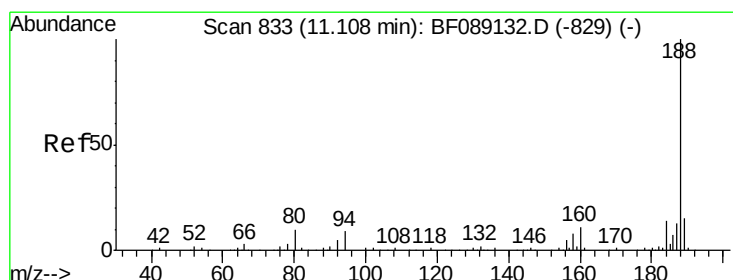
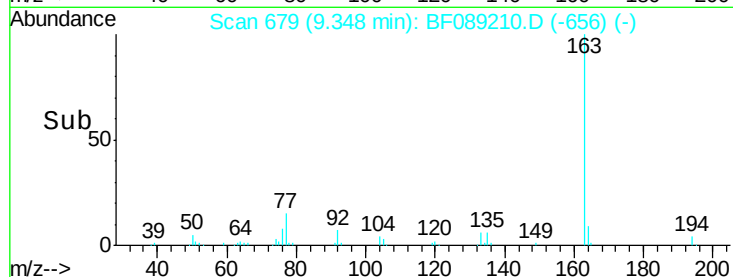
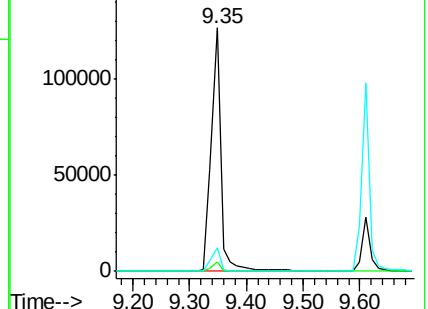
164 9.5 7.6 11.4



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: BF089210.D

Acq: 23 Jul 2016 00:04

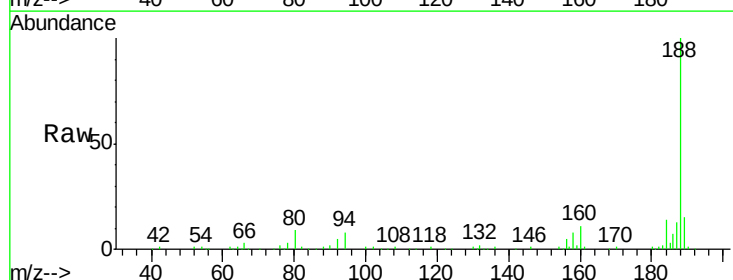
Tgt Ion:188 Resp: 194380

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

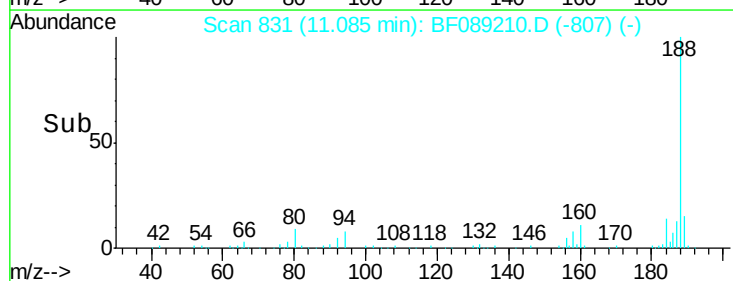
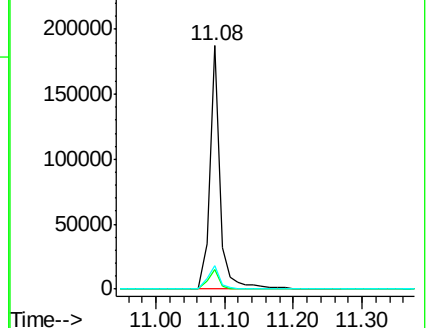
80 9.4 7.7 11.5

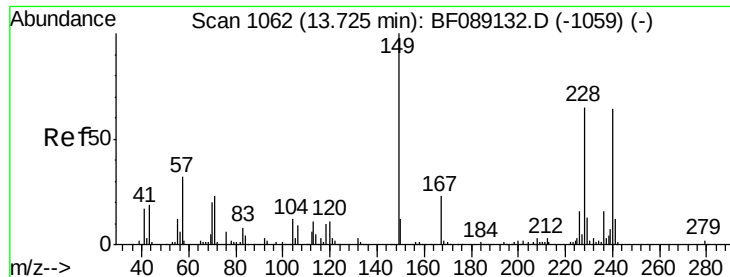


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF089210.D

Acq: 23 Jul 2016 00:04

Instrument :

BNA_F

ClientSampleId :

SB-15-12.5-13.5

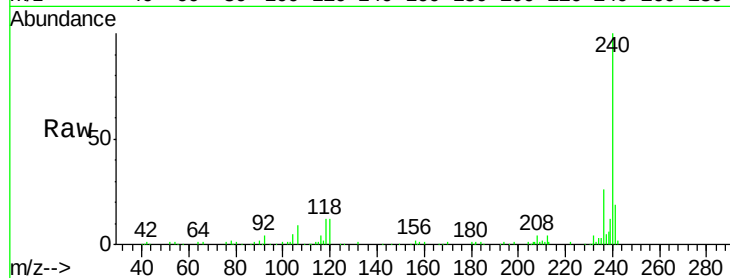
Tgt Ion:240 Resp: 151001

Ion Ratio Lower Upper

240 100

120 12.4 13.6 20.4#

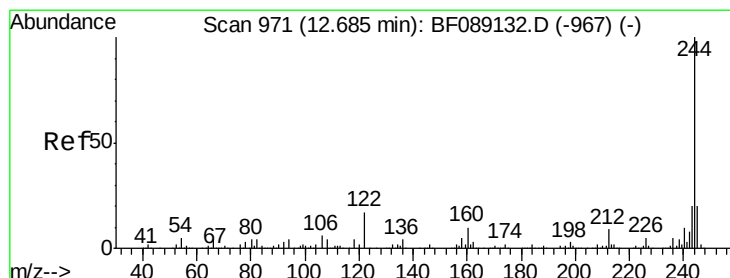
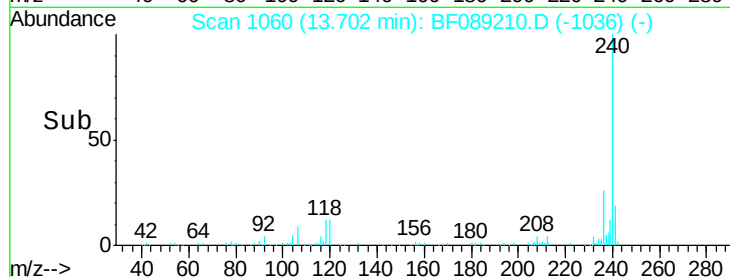
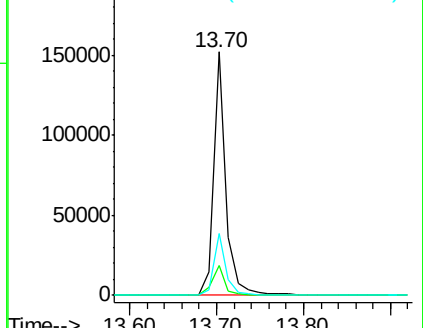
236 25.6 20.5 30.7



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: 74.00 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089210.D

Acq: 23 Jul 2016 00:04

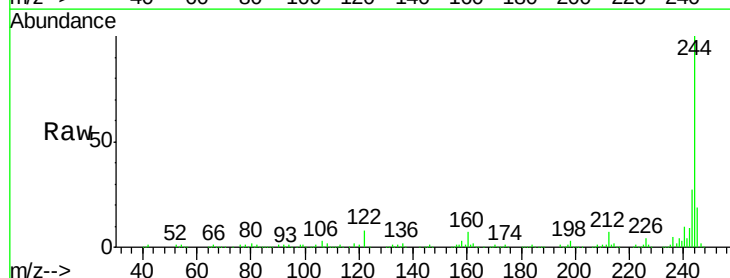
Tgt Ion:244 Resp: 515175

Ion Ratio Lower Upper

244 100

212 7.3 7.0 10.4

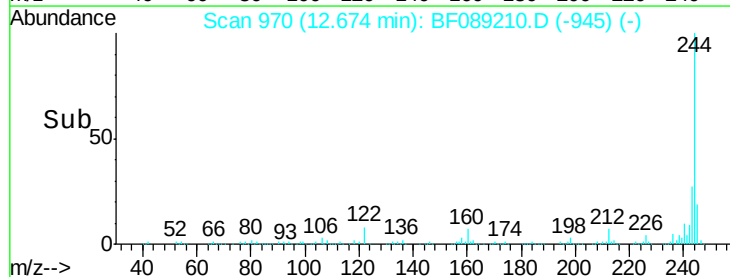
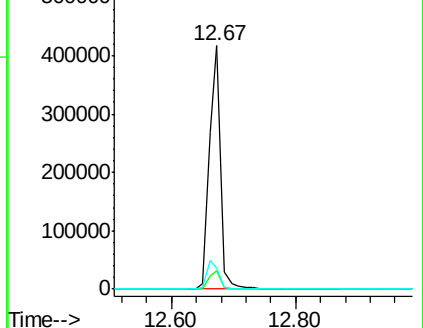
122 8.5 13.8 20.8#

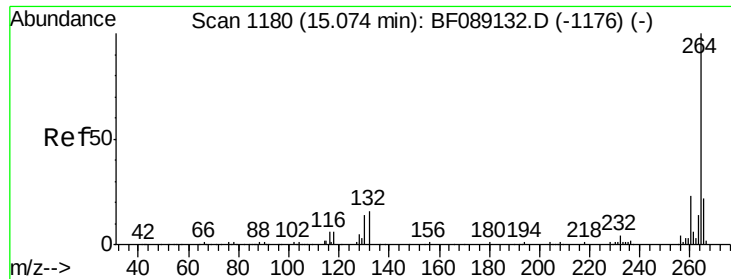


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

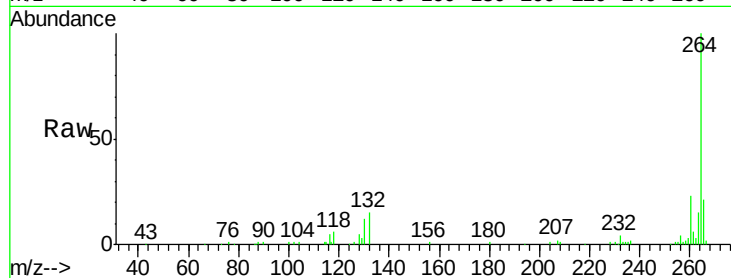




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089210.D
 Acq: 23 Jul 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-12.5-13.5

Tgt Ion: 264 Resp: 111188
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 21.0 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

