

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089208.D
 Acq On : 22 Jul 2016 23:00
 Operator : UM/SJ
 Sample : H4152-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-6.5-7.5

Quant Time: Jul 22 23:34:05 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

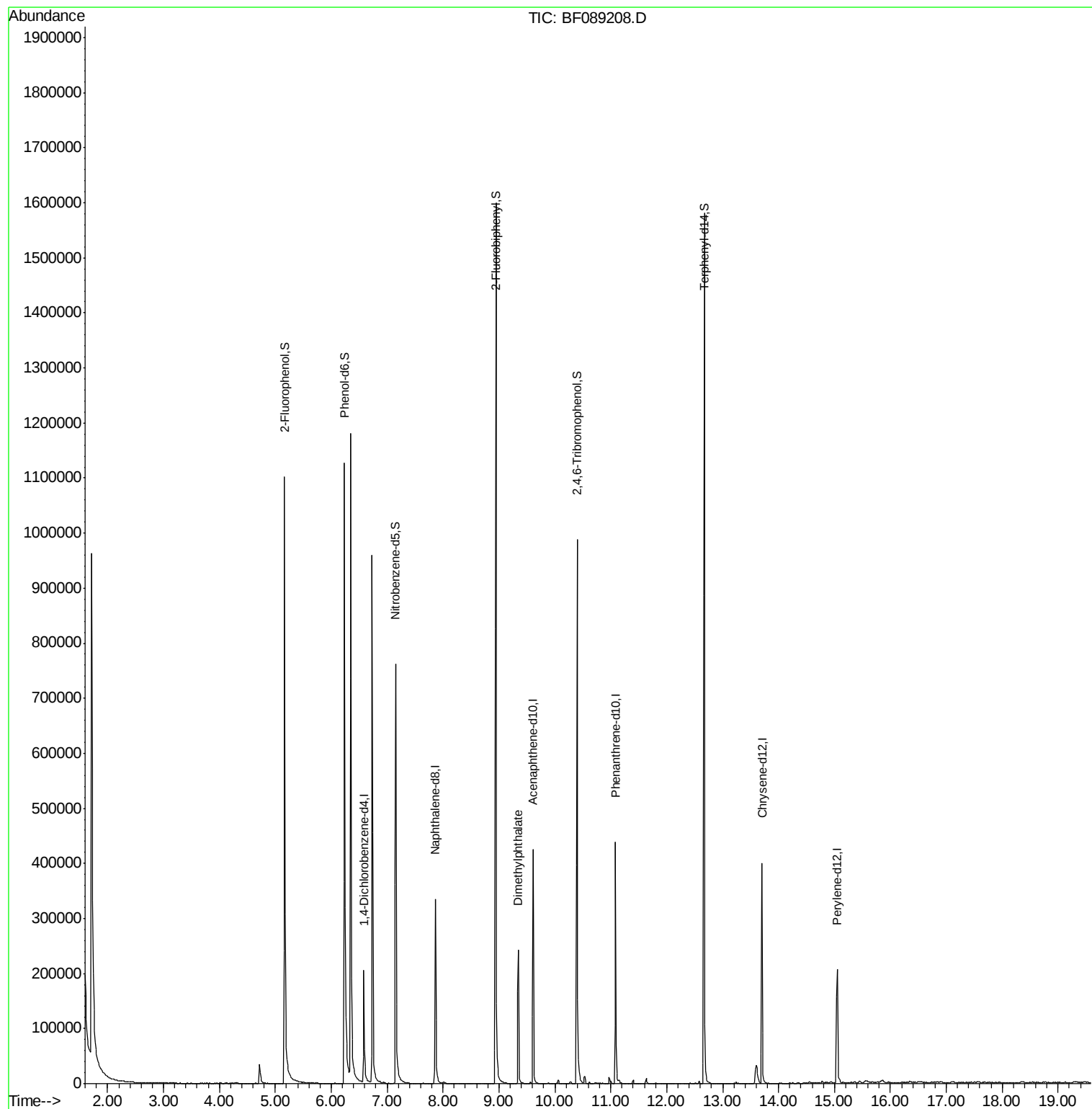
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45216	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	197380	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	94743	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	189749	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	143399	20.00	ng	-0.02
86) Perylene-d12	15.05	264	109818	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	411324	138.35	ng	-0.02
7) Phenol-d6	6.24	99	551302	143.80	ng	-0.03
23) Nitrobenzene-d5	7.15	82	363877	97.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	120117	140.82	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	660401	96.04	ng	-0.02
78) Terphenyl-d14	12.67	244	595306	90.04	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.35	163	149796	20.60	ng	Qvalue 99

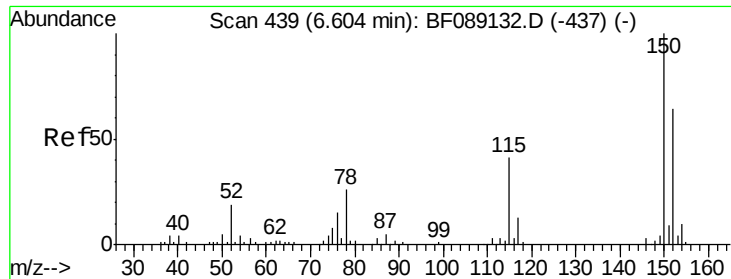
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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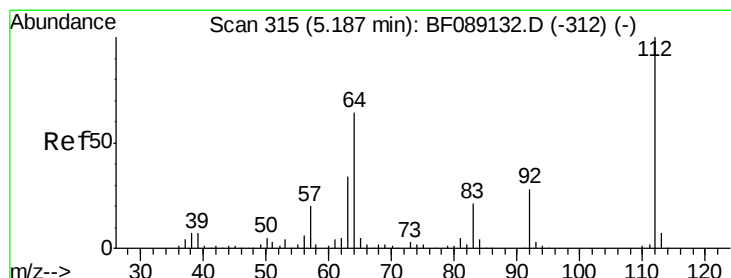
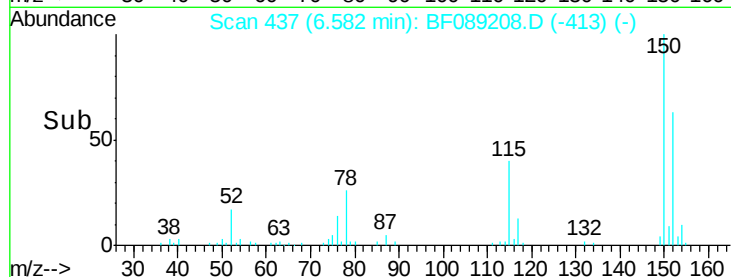
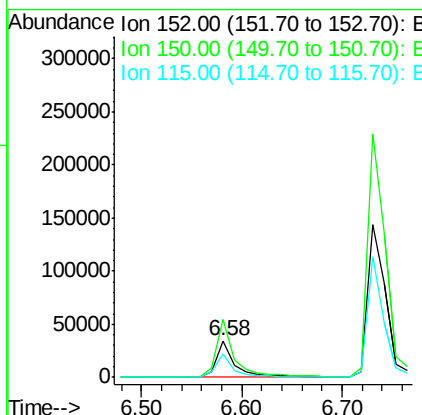
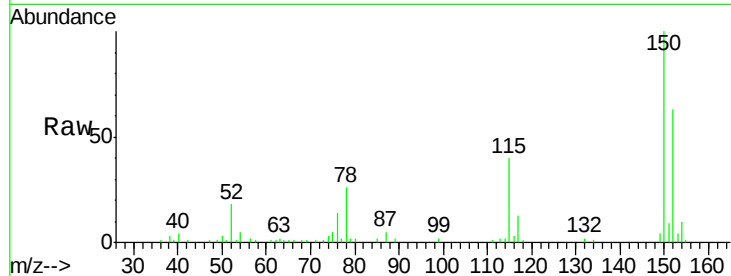




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089208.D
 Acq: 22 Jul 2016 23:00

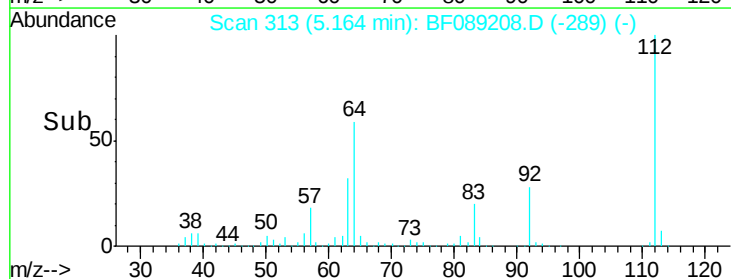
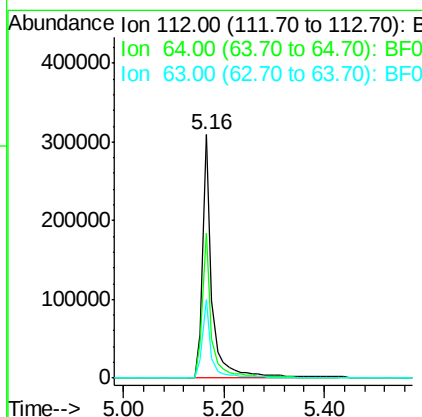
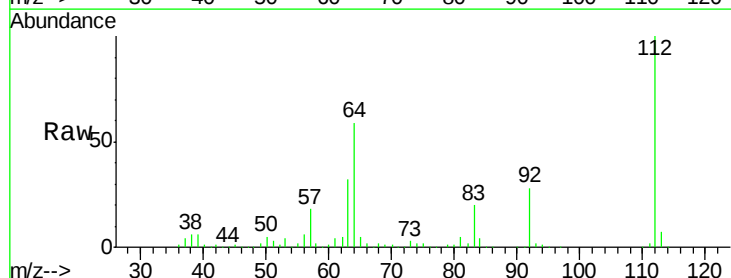
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-6.5-7.5

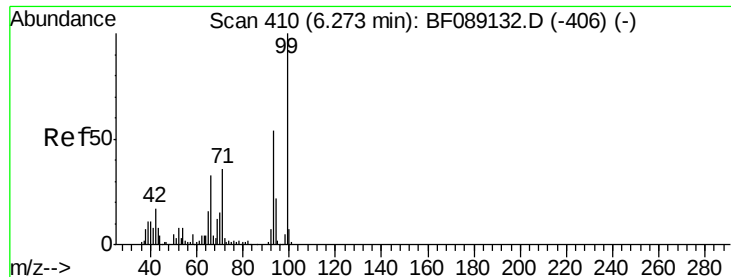
Tgt Ion:152 Resp: 45216
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.1 187.7
 115 63.3 51.1 76.7



#5
 2-Fluorophenol
 Concen: 138.35 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089208.D
 Acq: 22 Jul 2016 23:00

Tgt Ion:112 Resp: 411324
 Ion Ratio Lower Upper
 112 100
 64 59.4 51.0 76.4
 63 32.0 27.3 40.9





#7

Phenol-d6

Concen: 143.80 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089208.D

Acq: 22 Jul 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SB-15-6.5-7.5

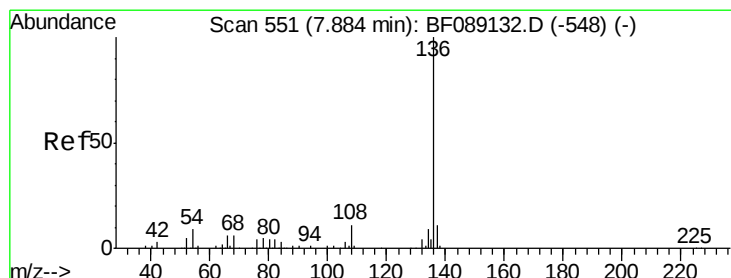
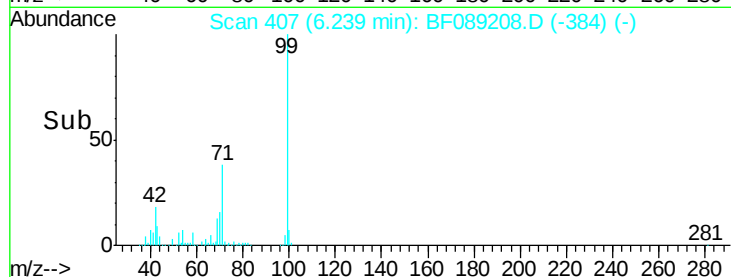
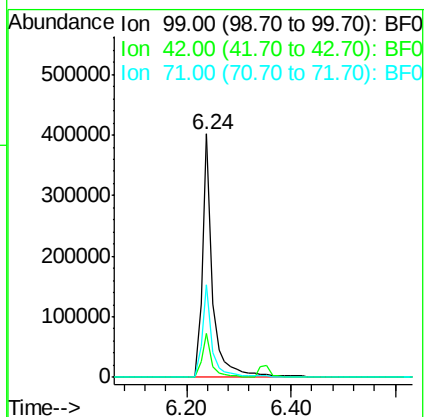
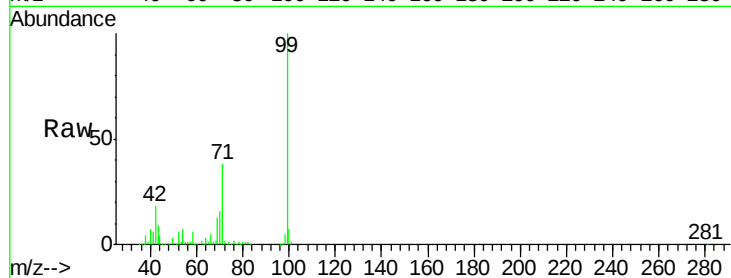
Tgt Ion: 99 Resp: 551302

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

71 38.3 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: BF089208.D

Acq: 22 Jul 2016 23:00

Tgt Ion: 136 Resp: 197380

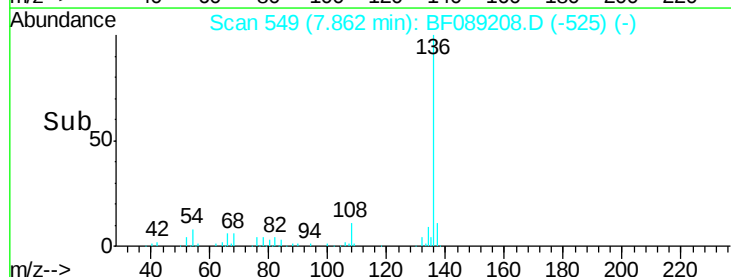
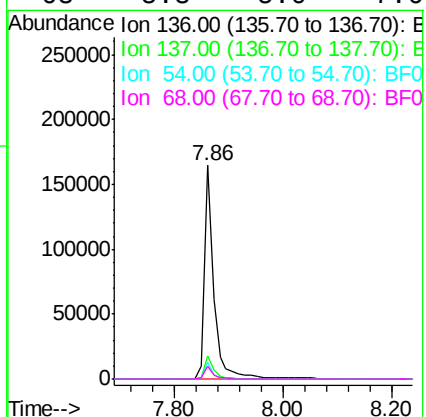
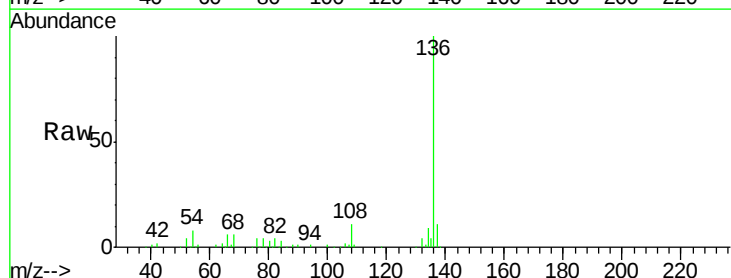
Ion Ratio Lower Upper

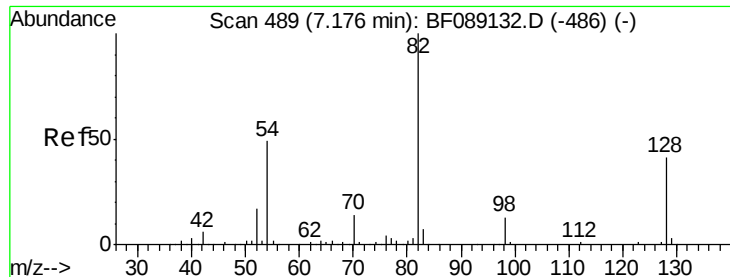
136 100

137 10.7 8.8 13.2

54 7.9 7.0 10.4

68 5.8 5.0 7.6

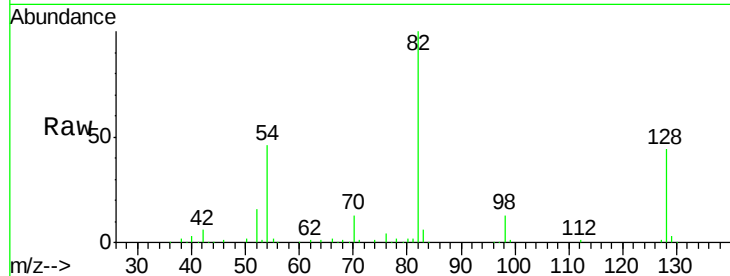




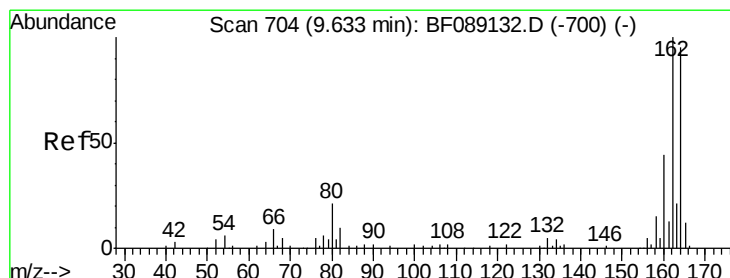
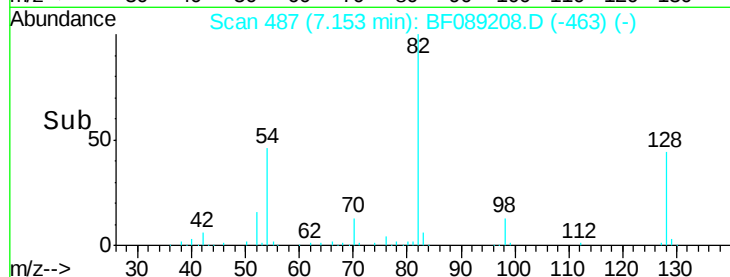
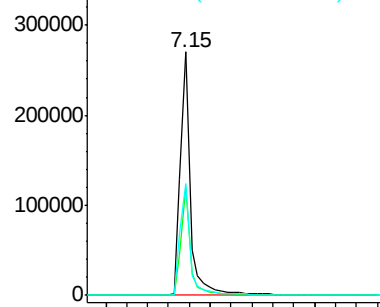
#23
 Nitrobenzene-d5
 Concen: 97.95 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089208.D
 Acq: 22 Jul 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-6.5-7.5

Tgt Ion: 82 Resp: 363877
 Ion Ratio Lower Upper
 82 100
 128 44.3 33.0 49.6
 54 45.7 39.0 58.4

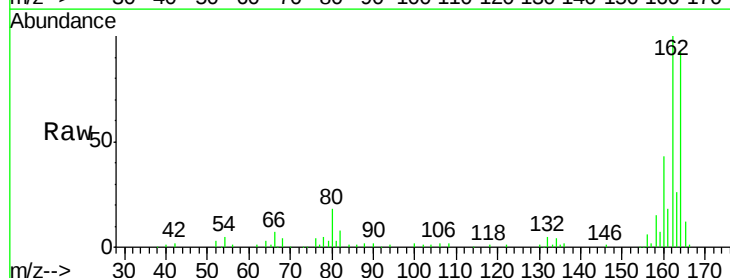


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

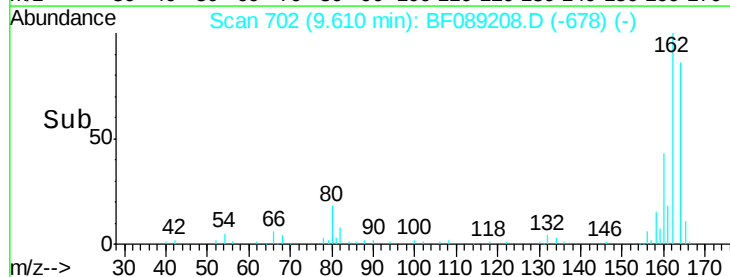
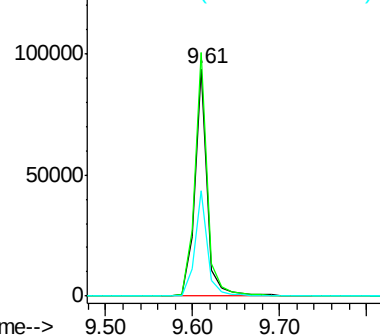


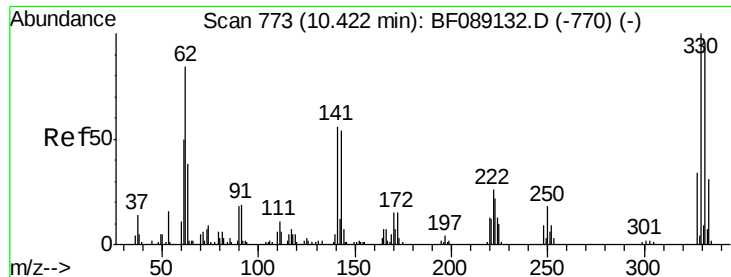
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089208.D
 Acq: 22 Jul 2016 23:00

Tgt Ion: 164 Resp: 94743
 Ion Ratio Lower Upper
 164 100
 162 107.1 84.1 126.1
 160 46.4 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

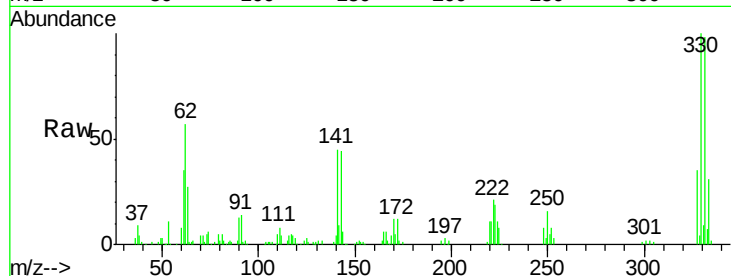




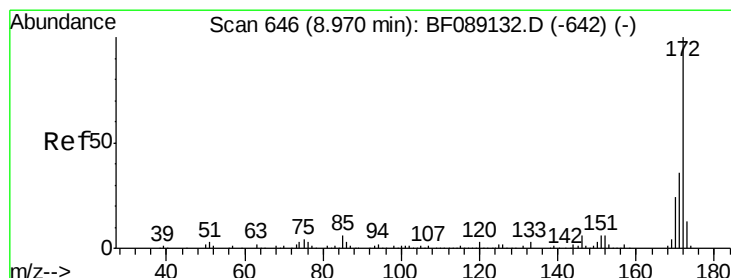
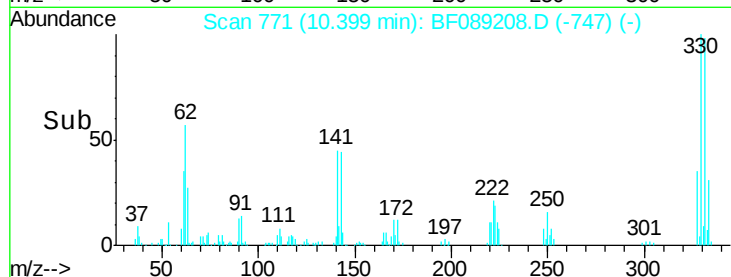
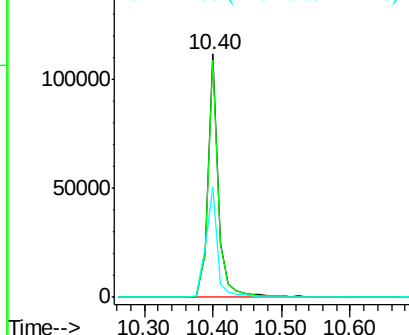
#41
 2,4,6-Tribromophenol
 Concen: 140.82 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089208.D
 Acq: 22 Jul 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-6.5-7.5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	49.9	42.2	63.2

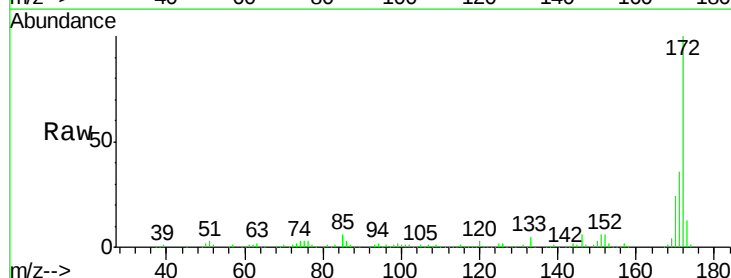


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

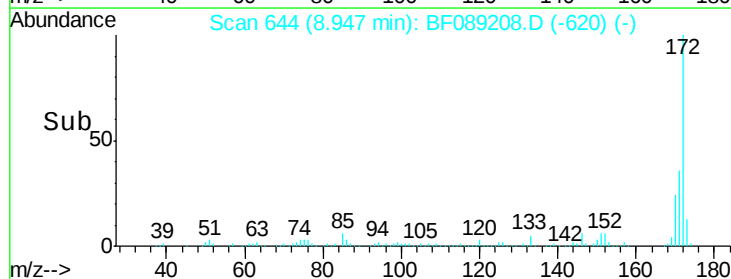
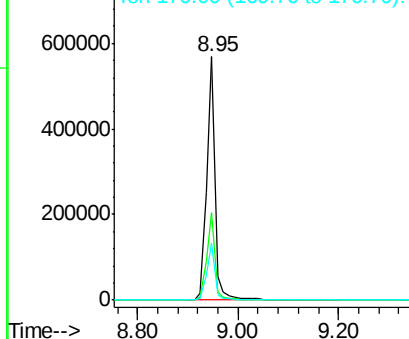


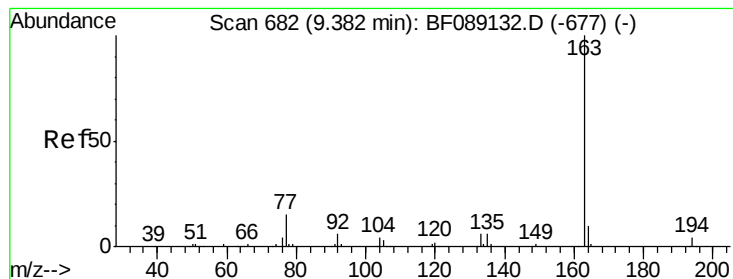
#44
 2-Fluorobiphenyl
 Concen: 96.04 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089208.D
 Acq: 22 Jul 2016 23:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.5	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: 20.60 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF089208.D

Acq: 22 Jul 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SB-15-6.5-7.5

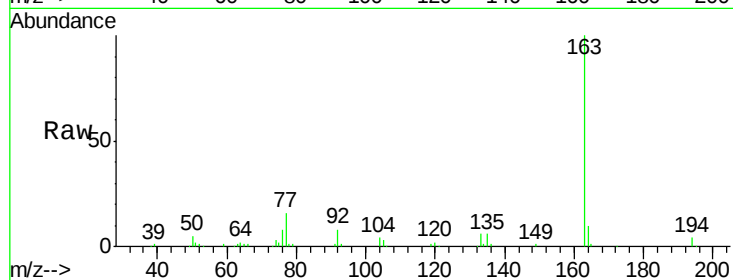
Tgt Ion:163 Resp: 149796

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

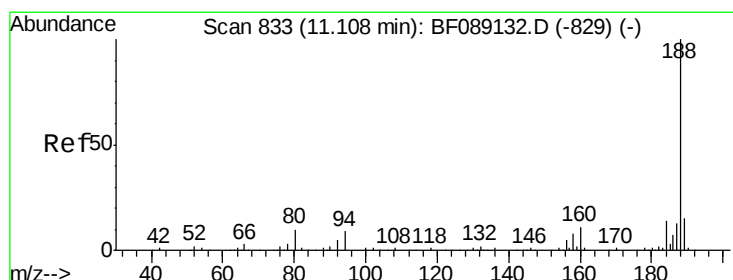
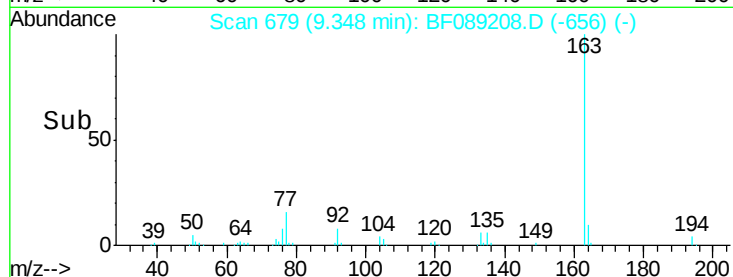
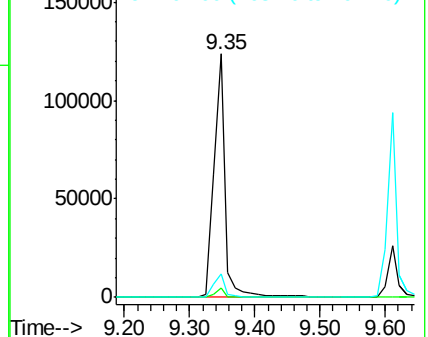
164 9.9 7.6 11.4



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: BF089208.D

Acq: 22 Jul 2016 23:00

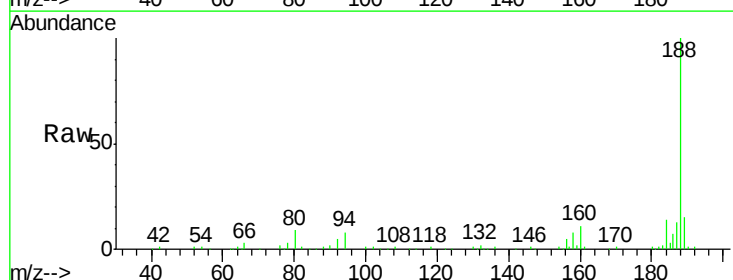
Tgt Ion:188 Resp: 189749

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

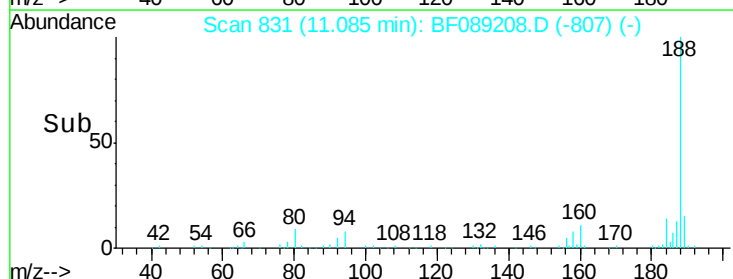
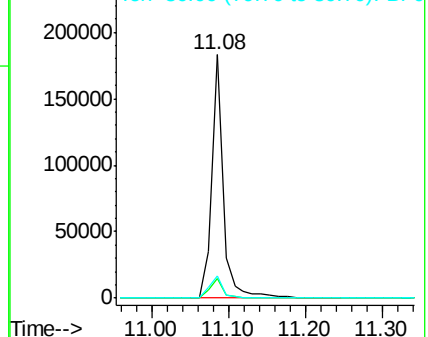
80 8.9 7.7 11.5

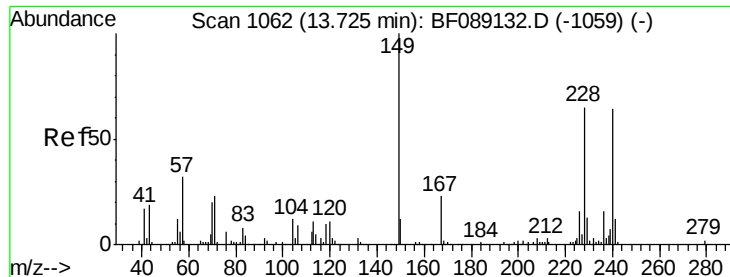


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF089208.D

Acq: 22 Jul 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SB-15-6.5-7.5

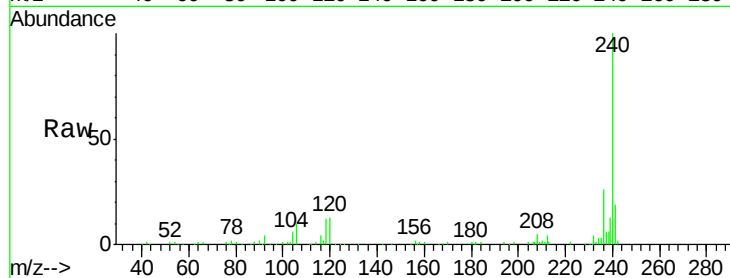
Tgt Ion:240 Resp: 143399

Ion Ratio Lower Upper

240 100

120 12.8 13.6 20.4#

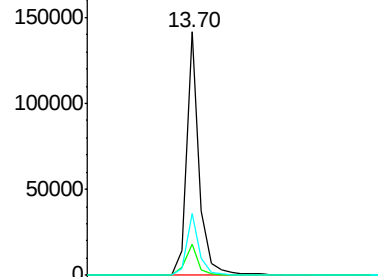
236 25.6 20.5 30.7



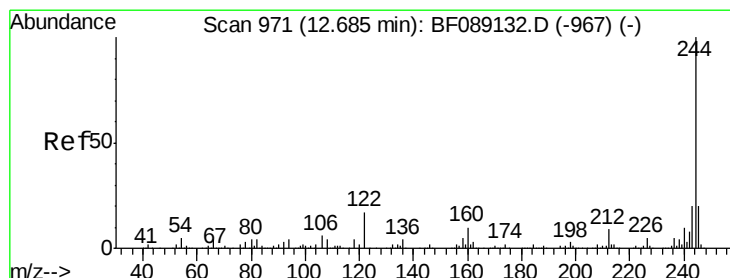
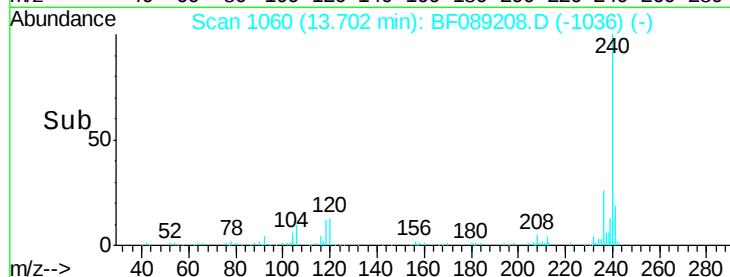
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.60 13.70 13.80



#78

Terphenyl-d14

Concen: 90.04 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089208.D

Acq: 22 Jul 2016 23:00

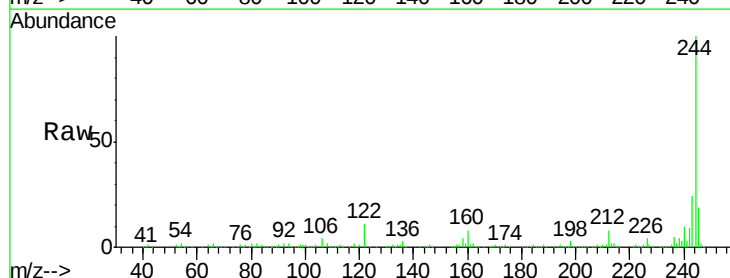
Tgt Ion:244 Resp: 595306

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.4

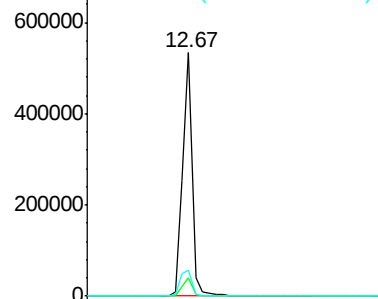
122 10.6 13.8 20.8#



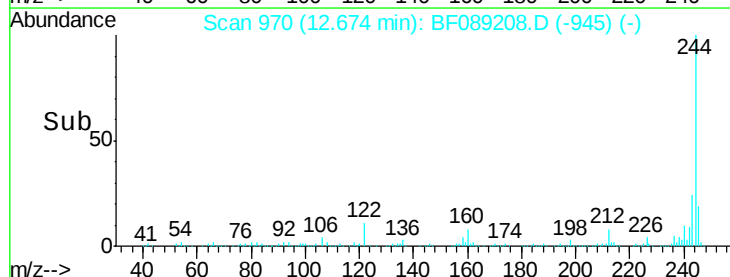
Abundance Ion 244.00 (243.70 to 244.70): E

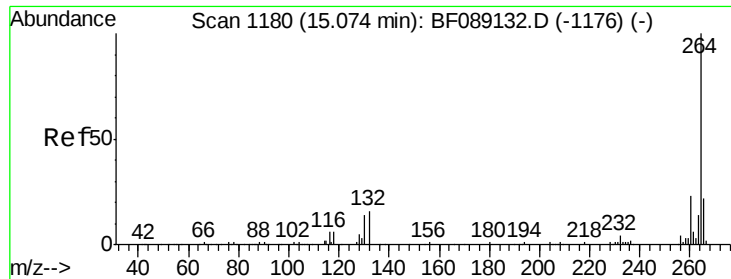
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.60 12.80





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089208.D
 Acq: 22 Jul 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-6.5-7.5

Tgt Ion: 264 Resp: 109818
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.5 27.7
 265 21.2 17.3 25.9

