

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089452.D
 Acq On : 30 Jul 2016 14:43
 Operator : UM/SJ
 Sample : PB92568BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BL

Quant Time: Aug 01 04:47:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	44291	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	190404	20.00	ng	-0.01
38) Acenaphthene-d10	9.53	164	91719	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	178627	20.00	ng	0.00
75) Chrysene-d12	13.62	240	121806	20.00	ng	0.00
86) Perylene-d12	14.95	264	84821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	405259	146.10	ng	0.02
7) Phenol-d6	6.16	99	485649	132.48	ng	-0.01
23) Nitrobenzene-d5	7.07	82	327682	101.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	106272	139.90	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	592170	94.75	ng	0.00
78) Terphenyl-d14	12.58	244	485266	93.24	ng	0.00

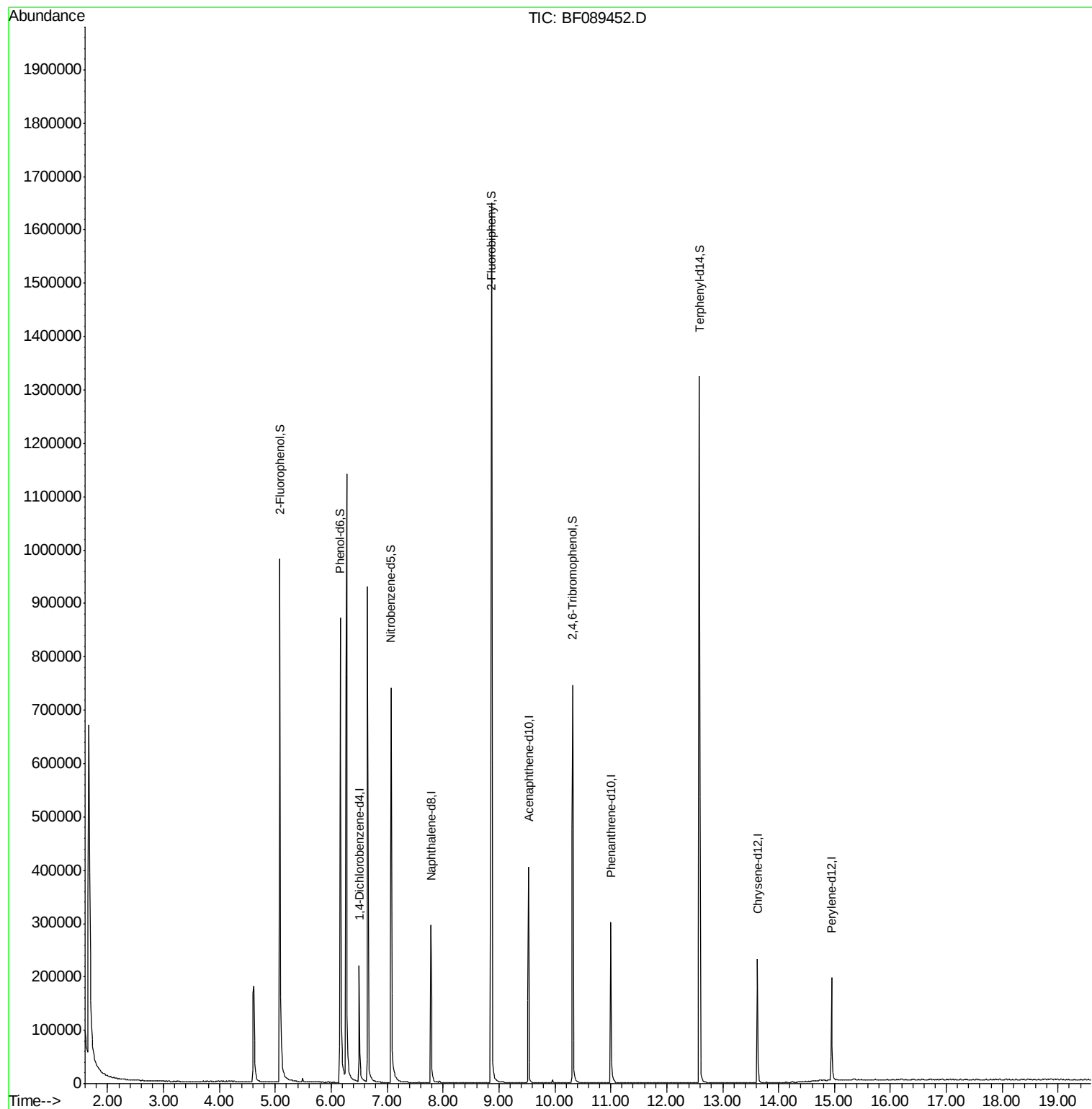
Target Compounds Qvalue

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

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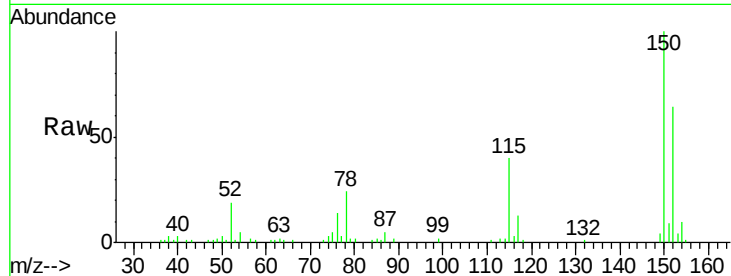




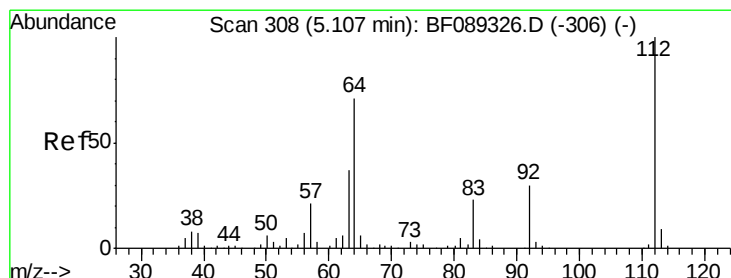
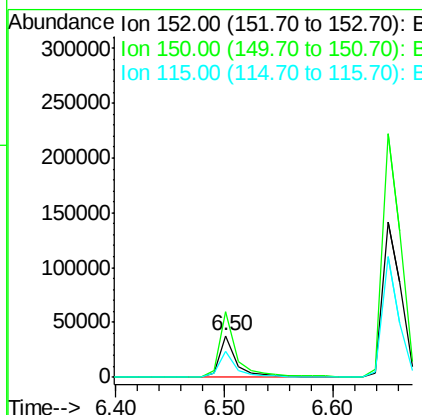
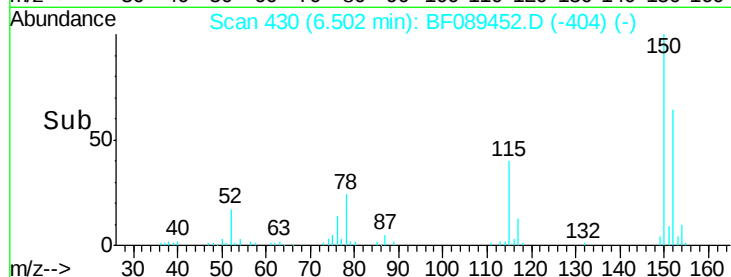
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.50 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF089452.D
 Acq: 30 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BL

Tot Ion:152 Resp: 44291
 Ion Ratio Lower Upper
 152 100
 150 155.5 129.5 194.3
 115 61.8 51.4 77.2

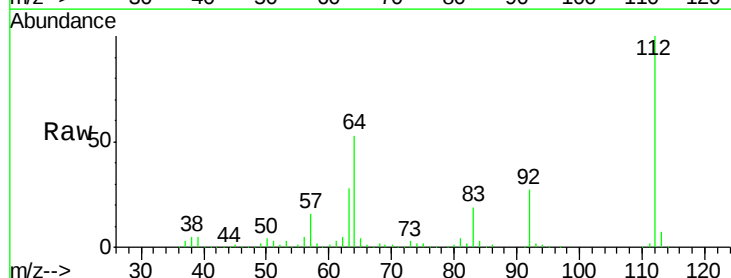


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

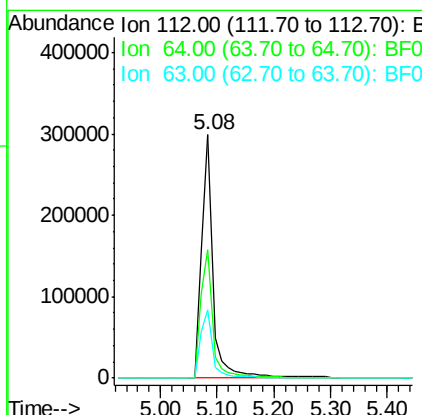
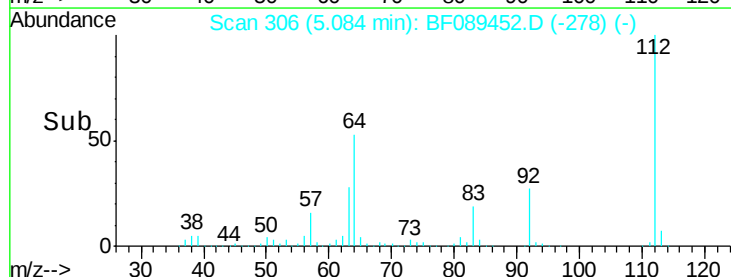


#5
 2-Fluorophenol
 Concen: 146.10 ng
 RT: 5.08 min Scan# 306
 Delta R.T. 0.02 min
 Lab File: BF089452.D
 Acq: 30 Jul 2016 14:43

Tgt Ion:112 Resp: 405259
 Ion Ratio Lower Upper
 112 100
 64 52.8 55.0 82.6#
 63 28.1 29.4 44.2#



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: 132.48 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089452.D

Acq: 30 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92568BL

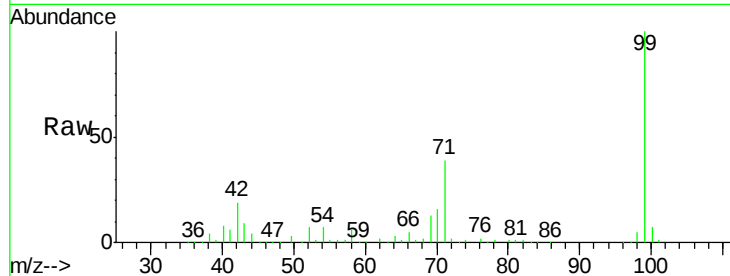
Tot Ion: 99 Resp: 485649

Ion Ratio Lower Upper

99 100

42 19.1 13.6 20.4

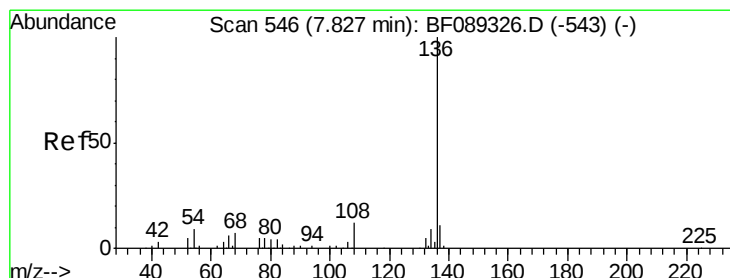
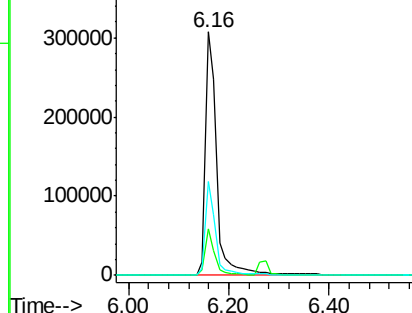
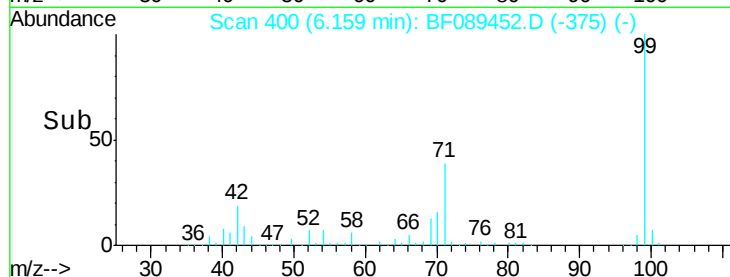
71 38.6 29.4 44.2



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: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF089452.D

Acq: 30 Jul 2016 14:43

Tgt Ion: 136 Resp: 190404

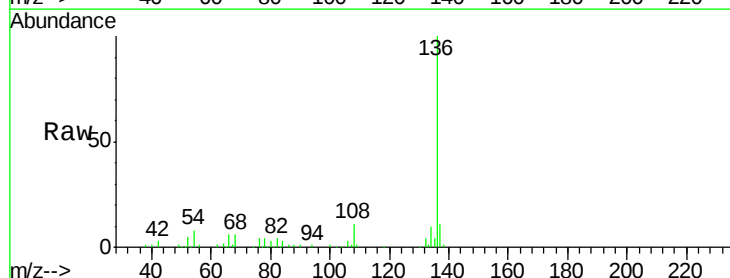
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 8.2 7.0 10.4

68 6.4 4.9 7.3

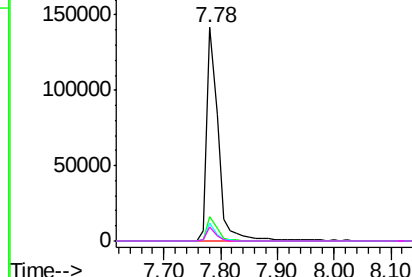
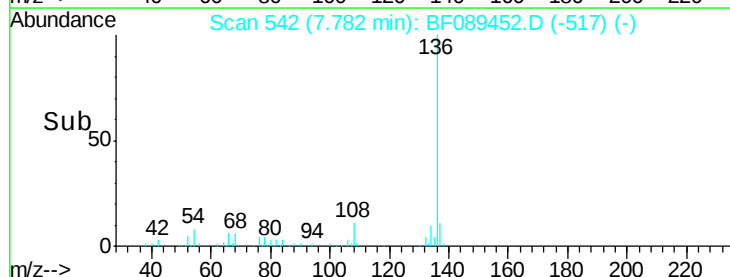


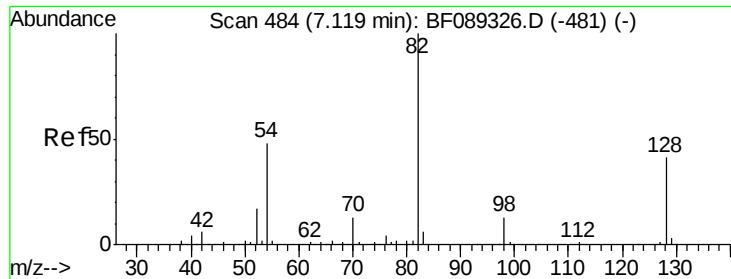
Abundance Ion 136.00 (135.70 to 136.70): E

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

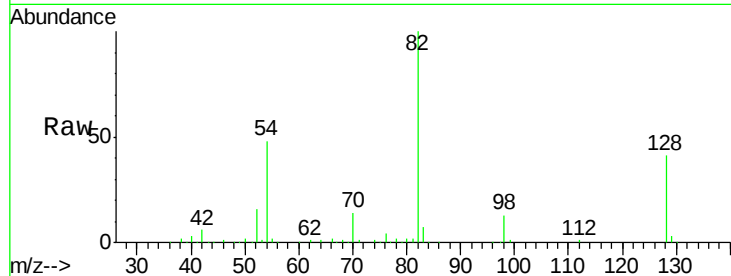




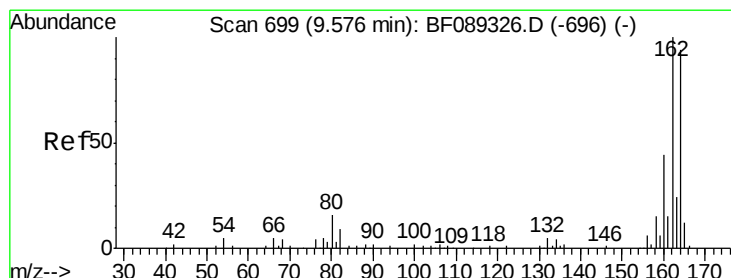
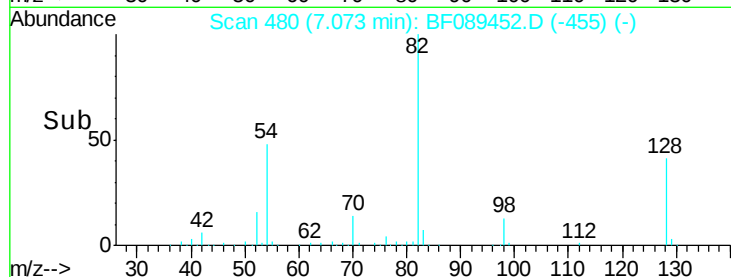
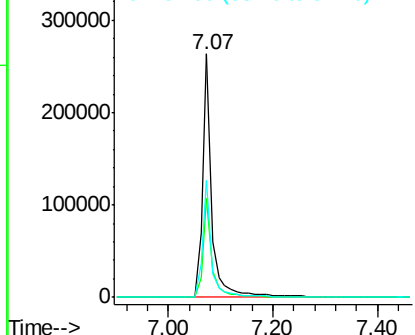
#23
 Nitrobenzene-d5
 Concen: 101.58 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BF089452.D
 Acq: 30 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BL

Tot Ion	82	Resp	327682
Ion Ratio	100		
Lower	32.5		
Upper	48.7		
54	47.9	38.8	58.2

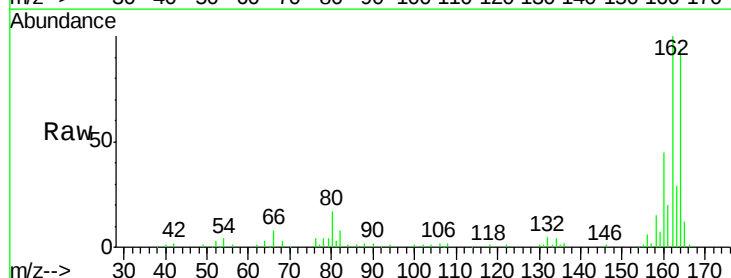


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

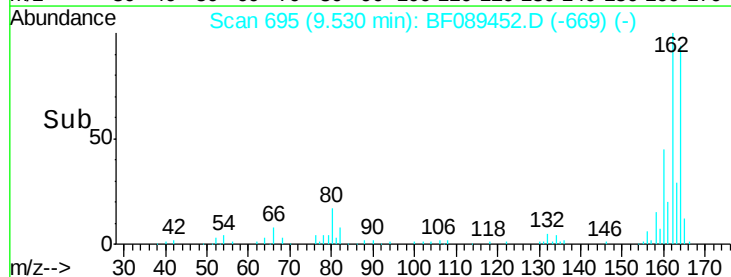
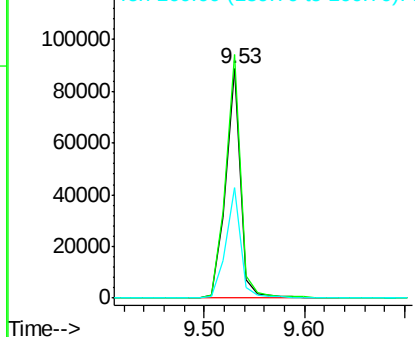


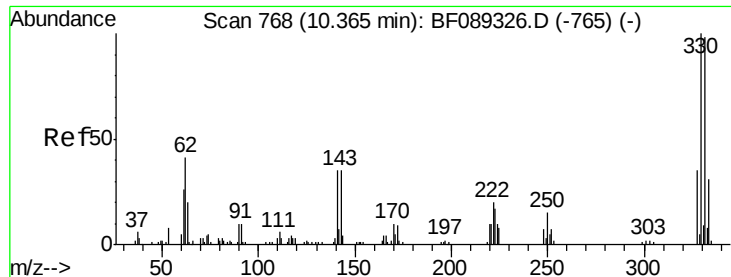
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF089452.D
 Acq: 30 Jul 2016 14:43

Tgt Ion	164	Resp	91719
Ion Ratio	100		
Lower	83.7		
Upper	125.5		
162	106.3	37.8	56.6



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

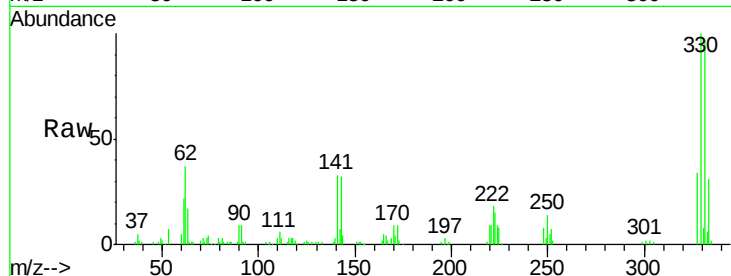




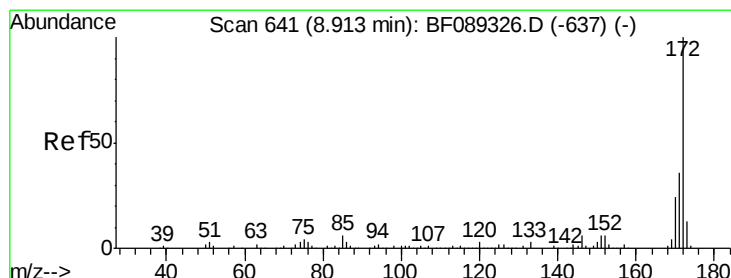
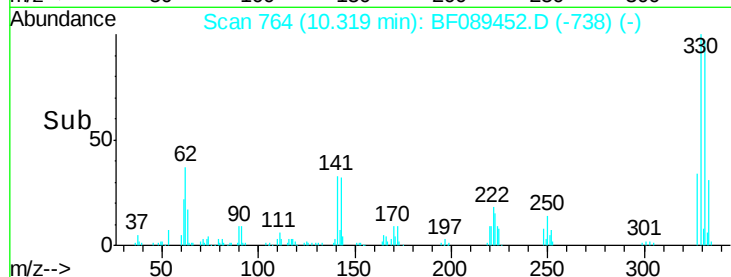
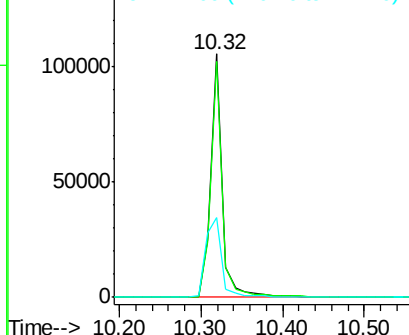
#41
 2,4,6-Tribromophenol
 Concen: 139.90 ng
 RT: 10.32 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF089452.D
 Acq: 30 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92568BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.8	115.2
141	45.9	37.3	55.9

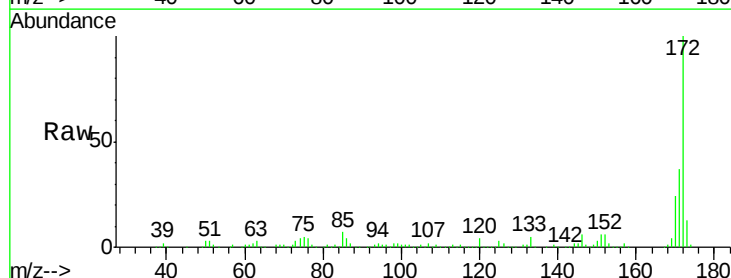


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

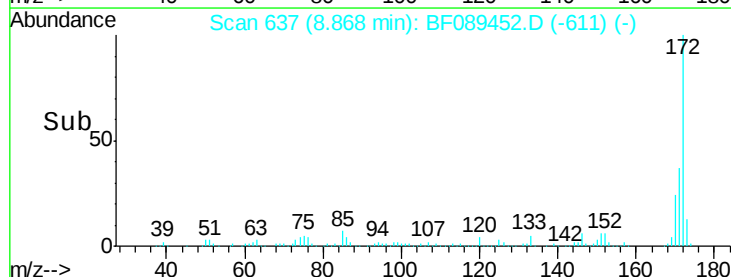
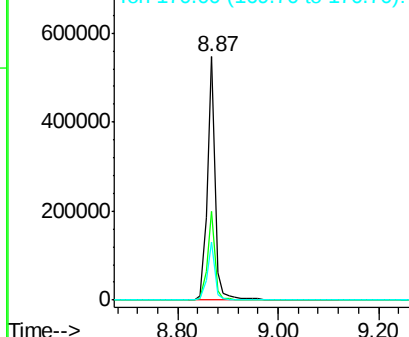


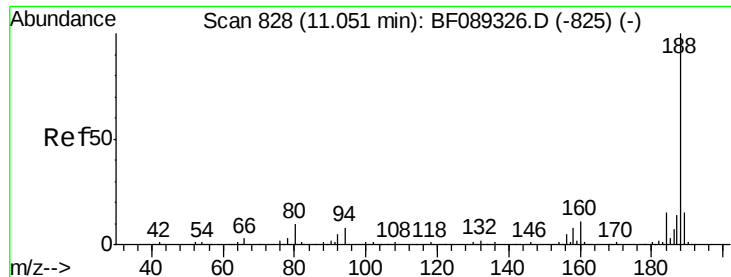
#44
 2-Fluorobiphenyl
 Concen: 94.75 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089452.D
 Acq: 30 Jul 2016 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.2	43.8
170	23.9	19.2	28.8



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

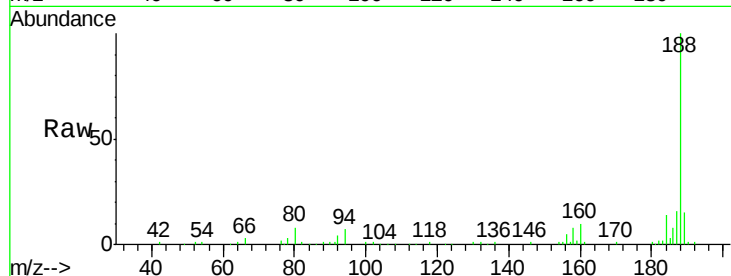




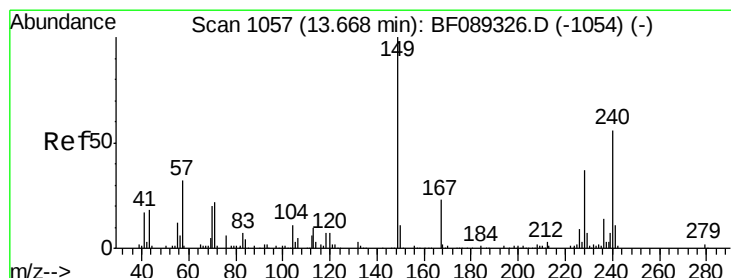
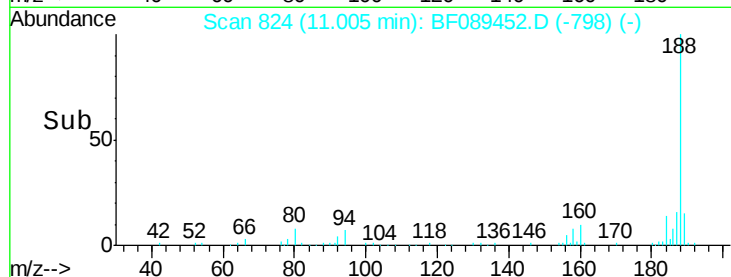
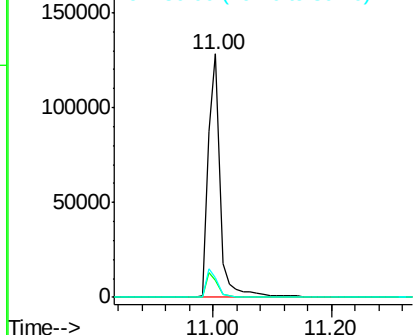
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF089452.D
Acq: 30 Jul 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB92568BL

Tot Ion:188 Resp: 178627
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 7.9 7.2 10.8

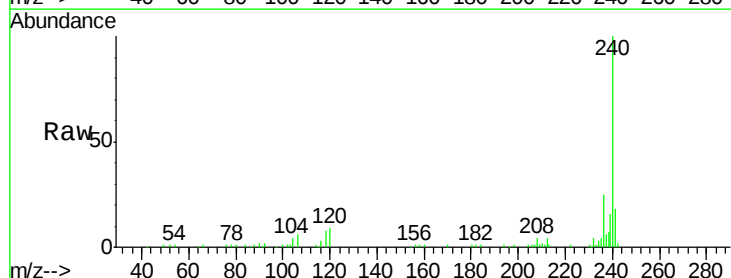


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

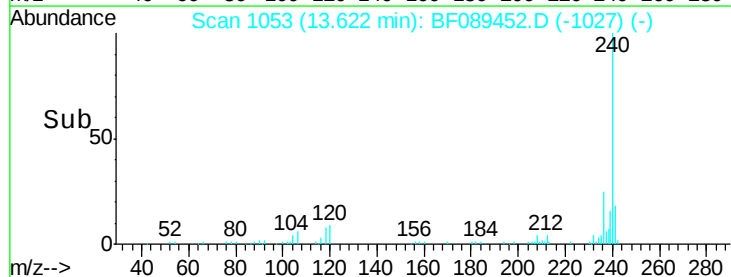
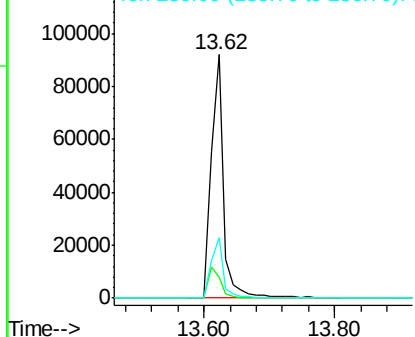


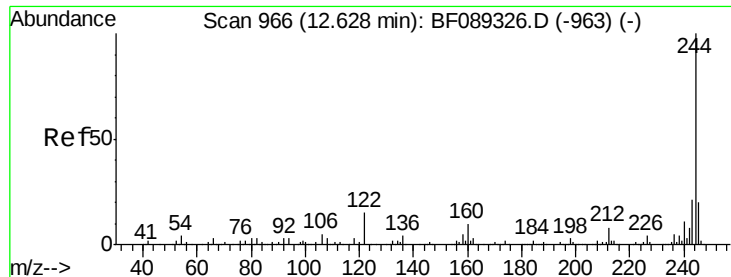
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF089452.D
Acq: 30 Jul 2016 14:43

Tgt Ion:240 Resp: 121806
Ion Ratio Lower Upper
240 100
120 8.7 9.1 13.7#
236 25.0 20.6 30.8



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

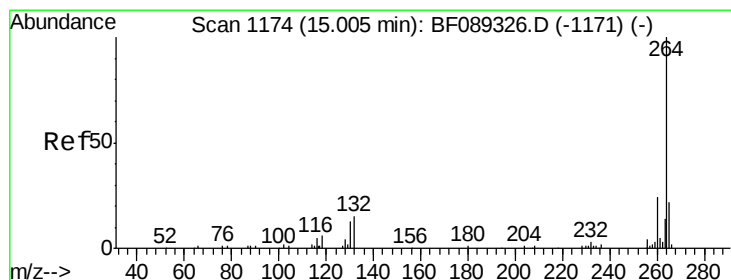
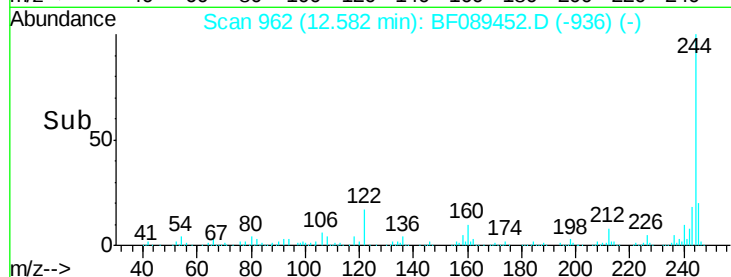
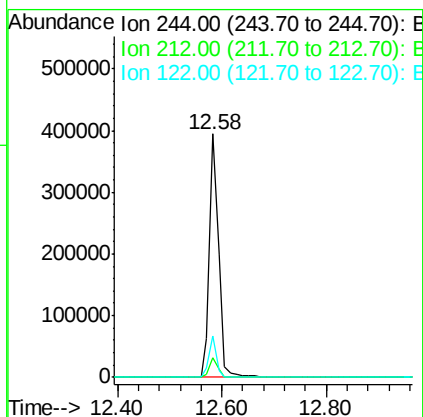
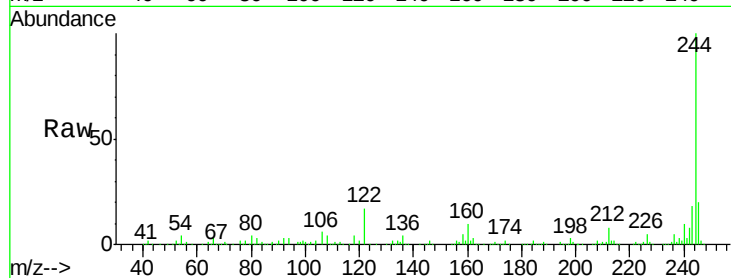




#78
 Terphenyl-d14
 Concen: 93.24 ng
 RT: 12.58 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF089452.D
 Acq: 30 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleID :
 PB92568BL

Tot Ion:244 Resp: 485266
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 17.0 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF089452.D
 Acq: 30 Jul 2016 14:43

Tgt Ion:264 Resp: 84821
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.2 17.5 26.3

