

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089499.D
 Acq On : 1 Aug 2016 7:00
 Operator : UM/SJ
 Sample : H4215-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Quant Time: Aug 01 07:36:02 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

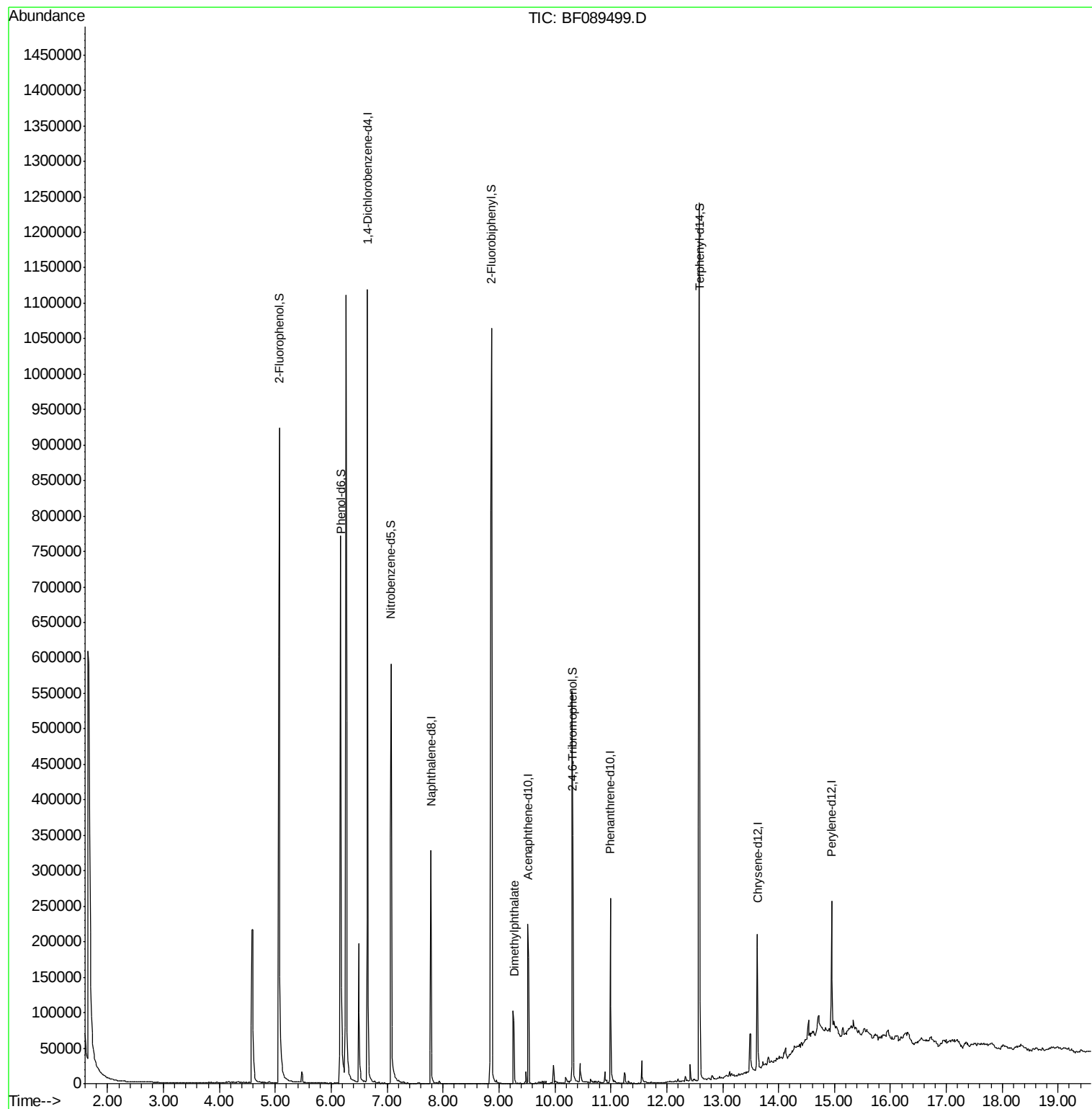
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	169759	20.00	ng	0.15
21) Naphthalene-d8	7.78	136	160455	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	60165	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	112659	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	90345	20.00	ng	0.00
86) Perylene-d12	14.95	264	69956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	382960	36.02	ng	0.01
7) Phenol-d6	6.17	99	470705	33.50	ng	0.00
23) Nitrobenzene-d5	7.07	82	288688	106.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	75283	151.08	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	481406	117.43	ng	0.00
78) Terphenyl-d14	12.58	244	378150	97.96	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.27	163	62474	13.64	ng	99

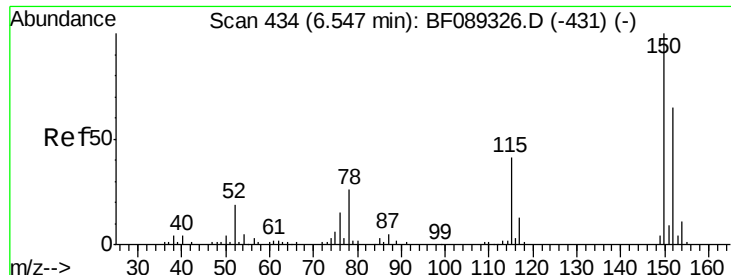
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.15 min

Lab File: BF089499.D

Acq: 1 Aug 2016 7:00

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

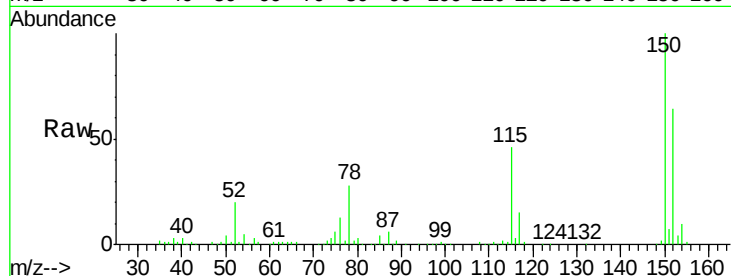
Tot Ion:152 Resp: 169759

Ion Ratio Lower Upper

152 100

150 156.9 129.5 194.3

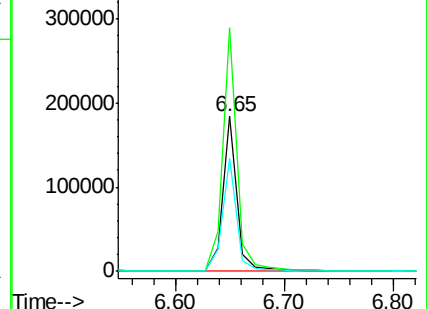
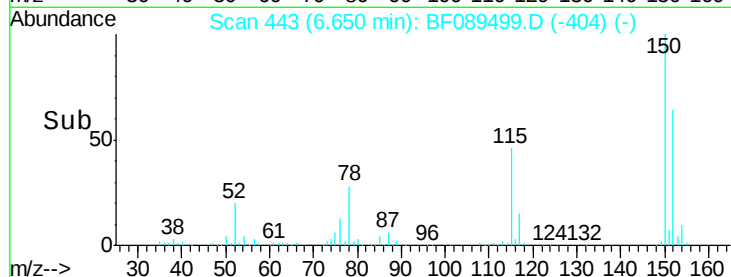
115 72.6 51.4 77.2



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: 36.02 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.01 min

Lab File: BF089499.D

Acq: 1 Aug 2016 7:00

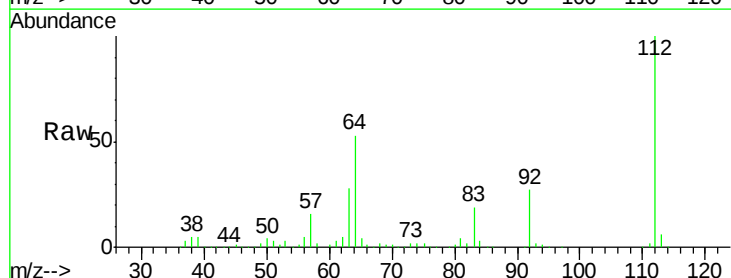
Tgt Ion:112 Resp: 382960

Ion Ratio Lower Upper

112 100

64 52.7 55.0 82.6#

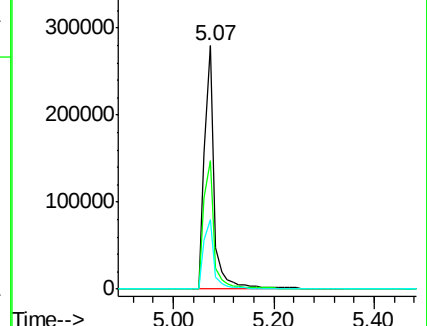
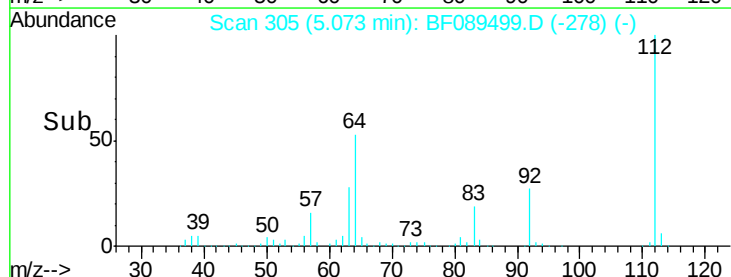
63 28.4 29.4 44.2#

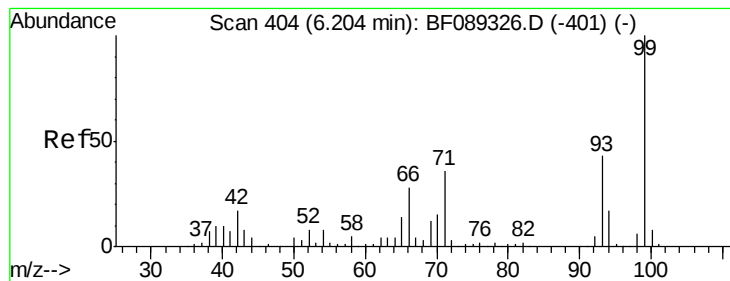


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.50 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF089499.D

Acq: 1 Aug 2016 7:00

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

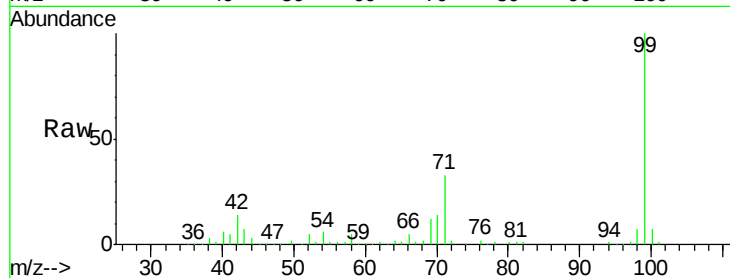
Tot Ion: 99 Resp: 470705

Ion Ratio Lower Upper

99 100

42 13.7 13.6 20.4

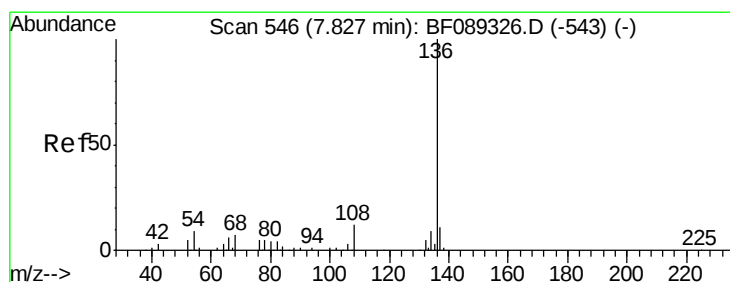
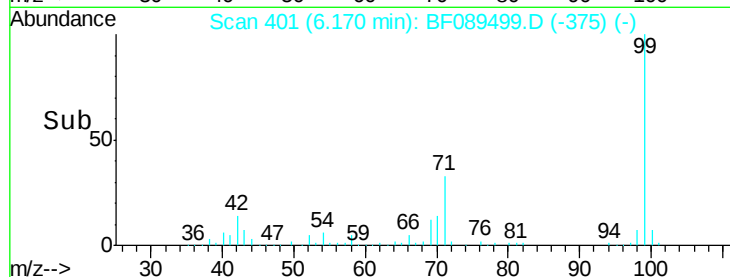
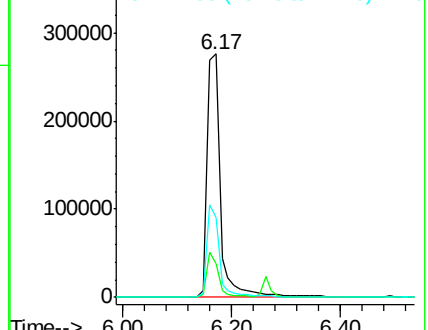
71 32.7 29.4 44.2



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: BF089499.D

Acq: 1 Aug 2016 7:00

Tgt Ion: 136 Resp: 160455

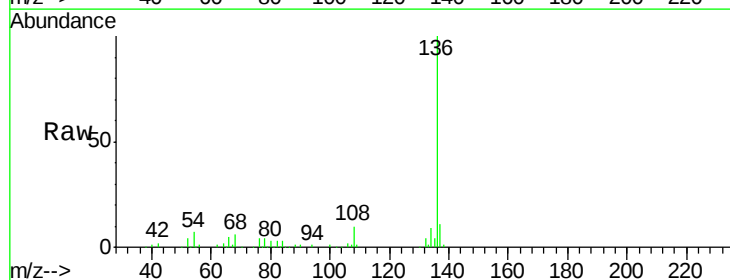
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.8 7.0 10.4

68 5.5 4.9 7.3

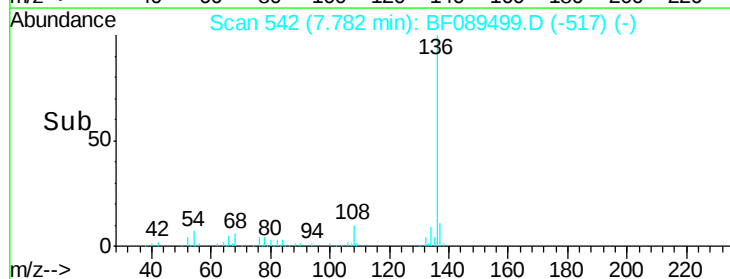
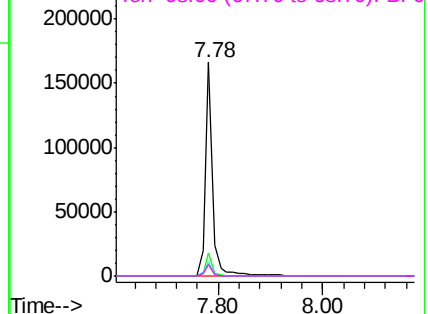


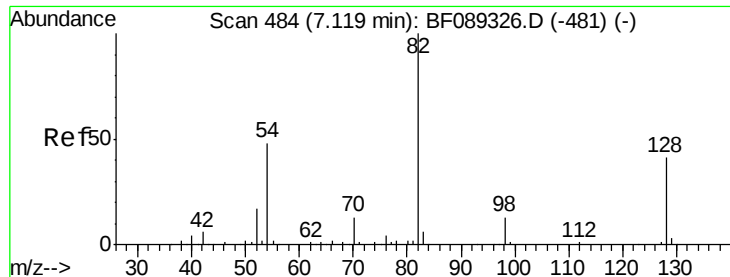
Abundance Ion 136.00 (135.70 to 136.70): E

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

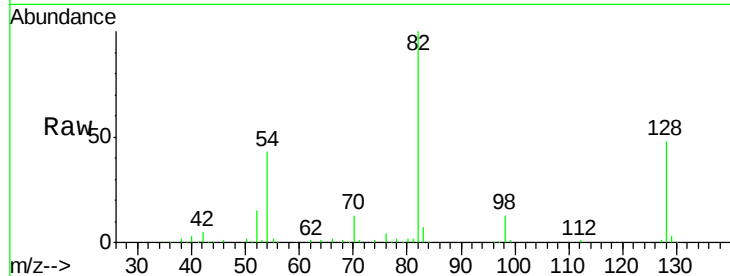




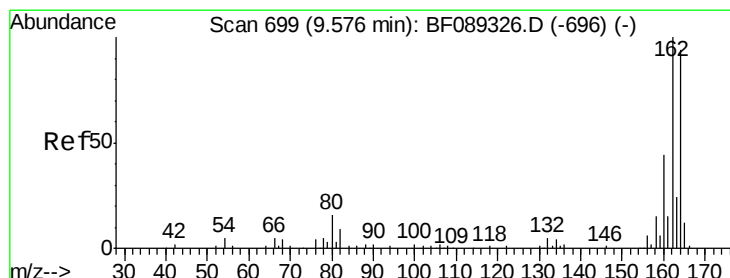
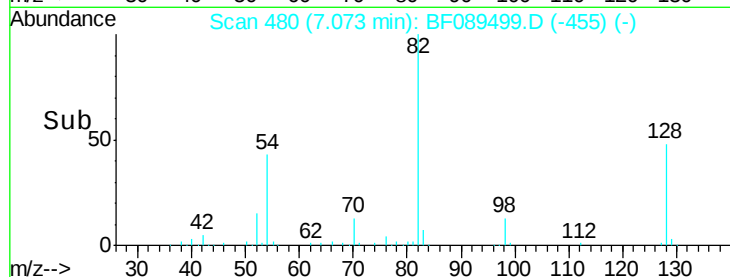
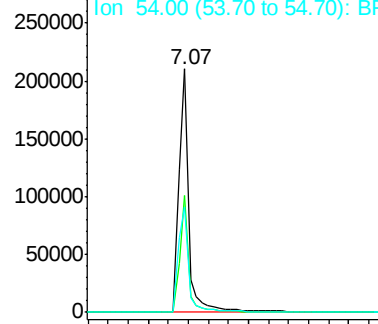
#23
 Nitrobenzene-d5
 Concen: 106.20 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BF089499.D
 Acq: 1 Aug 2016 7:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tot Ion: 82 Resp: 288688
 Ion Ratio Lower Upper
 82 100
 128 48.1 32.5 48.7
 54 43.2 38.8 58.2

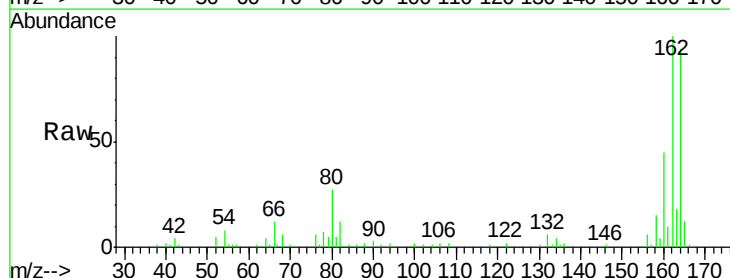


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

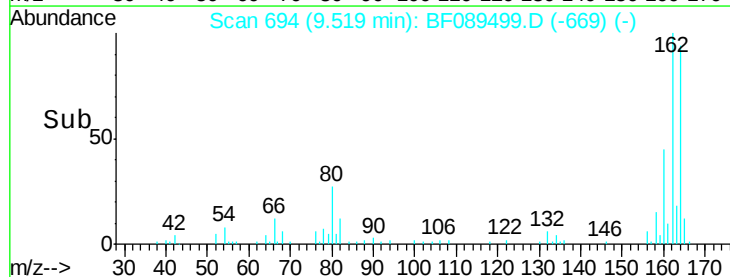
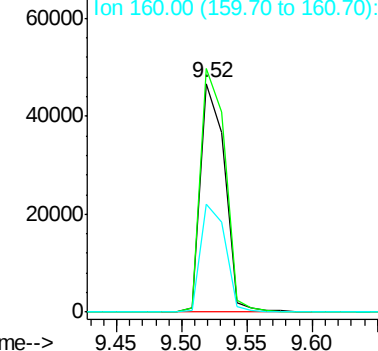


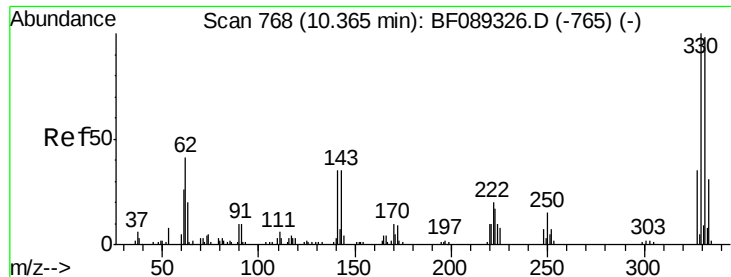
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF089499.D
 Acq: 1 Aug 2016 7:00

Tgt Ion:164 Resp: 60165
 Ion Ratio Lower Upper
 164 100
 162 106.4 83.7 125.5
 160 47.4 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

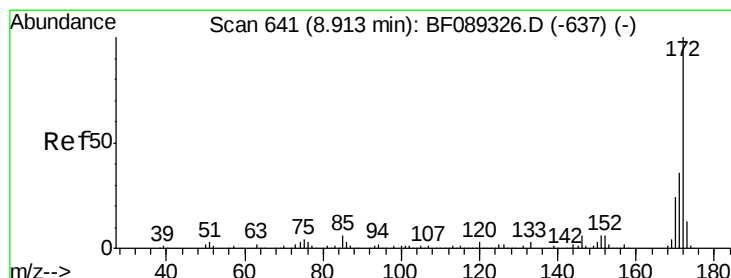
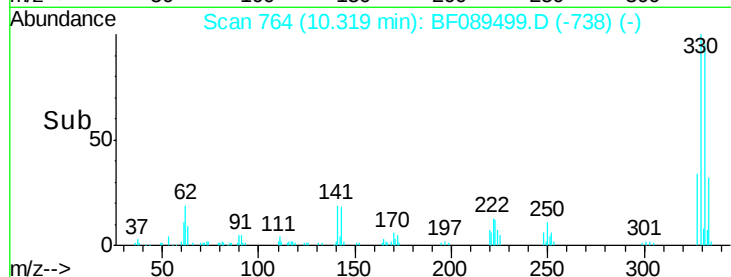
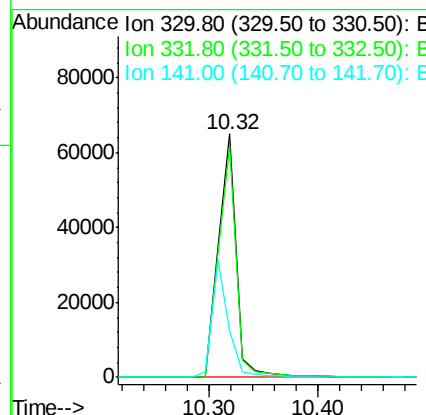
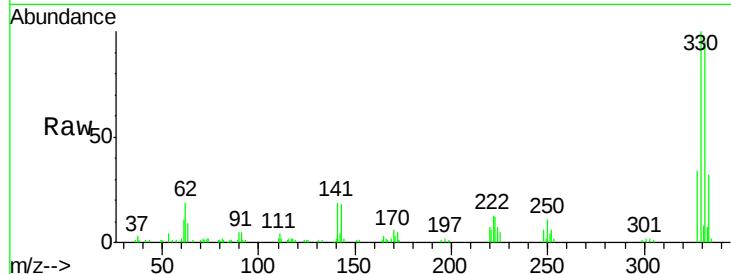




#41
 2,4,6-Tribromophenol
 Concen: 151.08 ng
 RT: 10.32 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF089499.D
 Acq: 1 Aug 2016 7:00

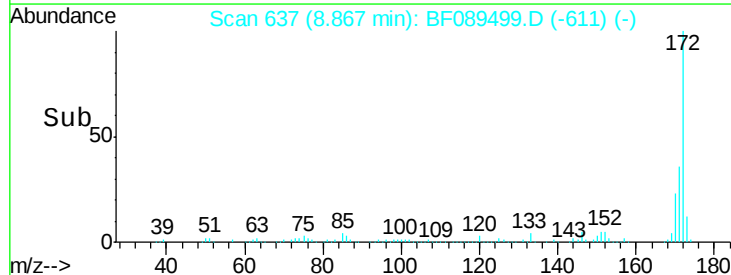
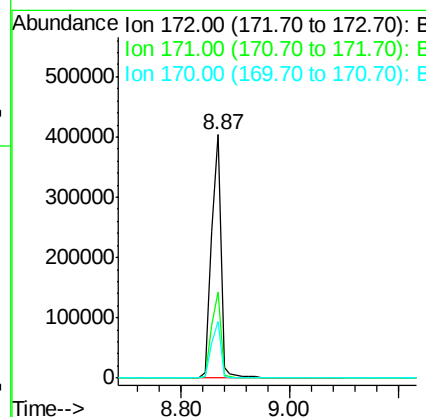
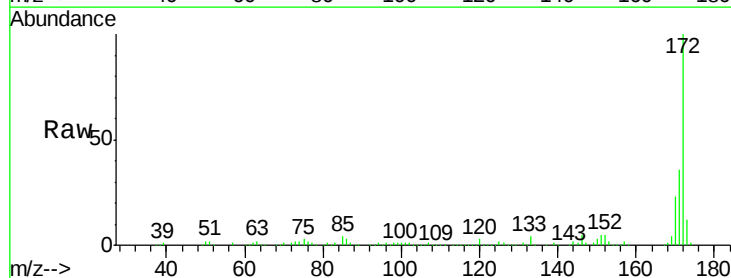
Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

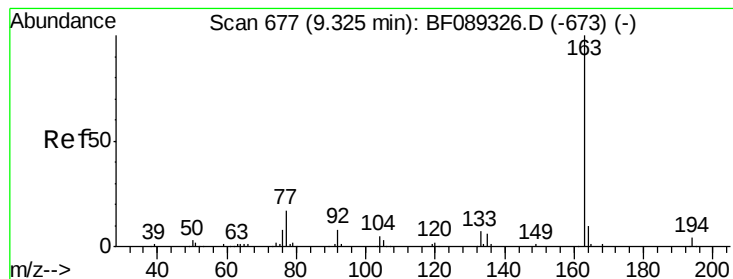
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.8	115.2
141	43.8	37.3	55.9



#44
 2-Fluorobiphenyl
 Concen: 117.43 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089499.D
 Acq: 1 Aug 2016 7:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	23.4	19.2	28.8





#49

Dimethylphthalate

Concen: 13.64 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF089499.D

Acq: 1 Aug 2016 7:00

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

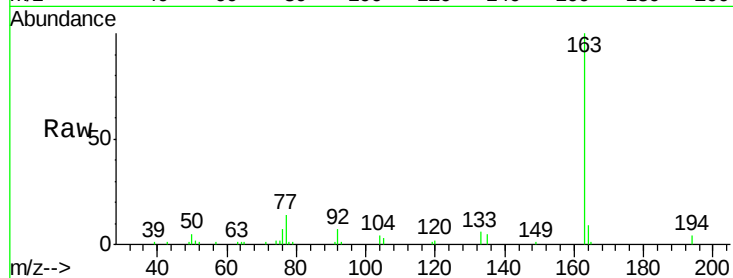
Tot Ion:163 Resp: 62474

Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

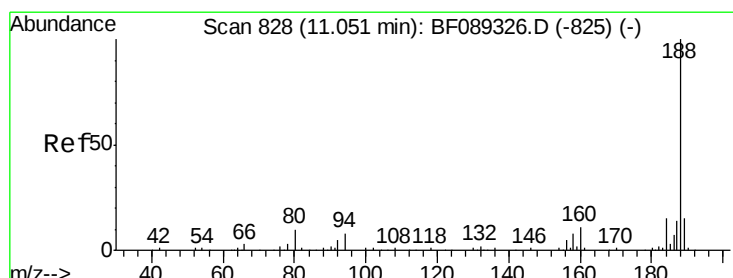
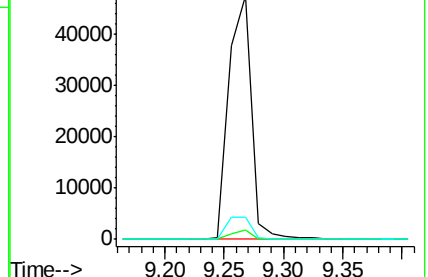
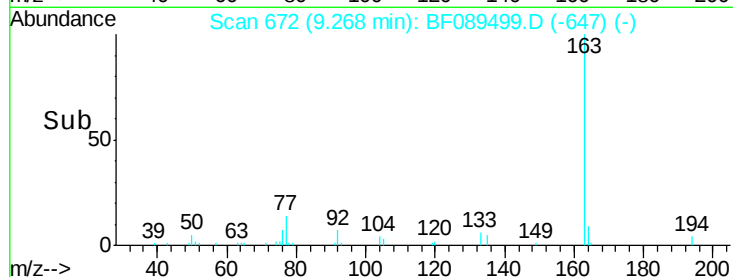
164 9.3 7.8 11.8



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: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089499.D

Acq: 1 Aug 2016 7:00

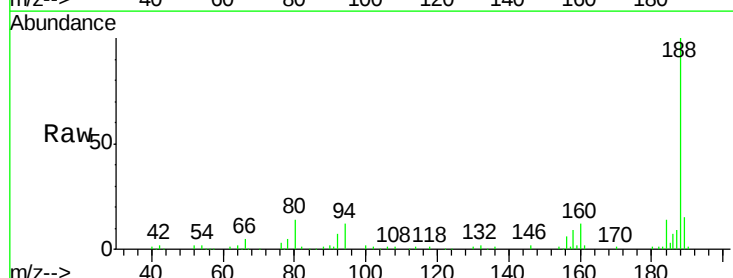
Tgt Ion:188 Resp: 112659

Ion Ratio Lower Upper

188 100

94 12.2 6.5 9.7#

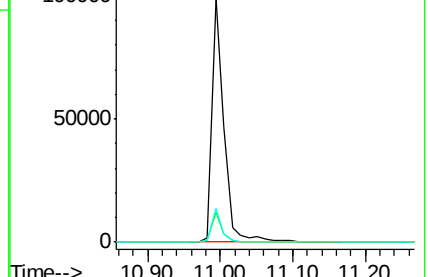
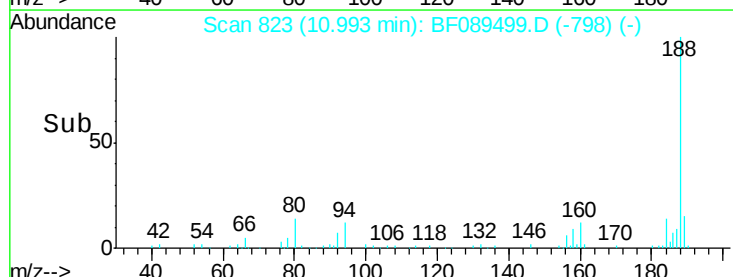
80 14.1 7.2 10.8#



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: BF089499.D

Acq: 1 Aug 2016 7:00

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

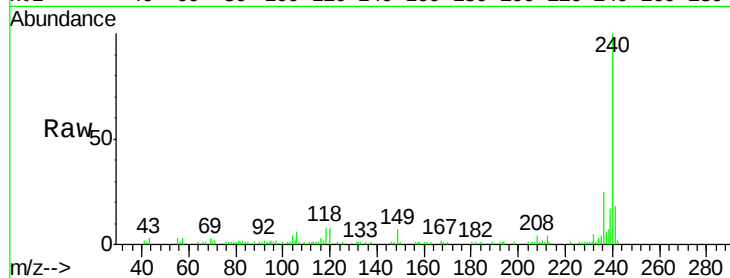
Tot Ion:240 Resp: 90345

Ion Ratio Lower Upper

240 100

120 8.2 9.1 13.7#

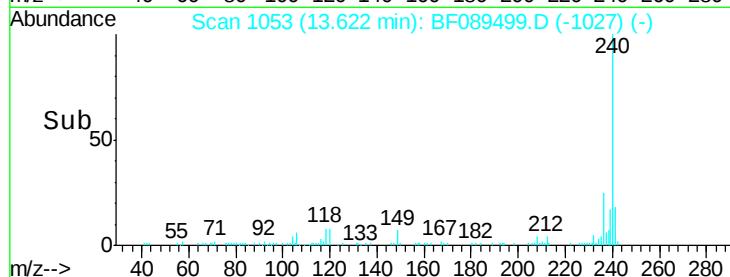
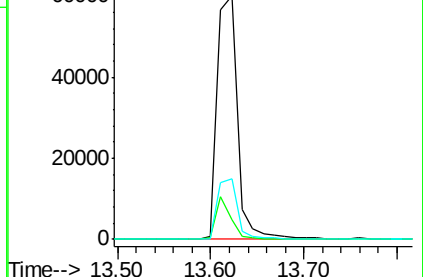
236 24.9 20.6 30.8



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: 97.96 ng

RT: 12.58 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF089499.D

Acq: 1 Aug 2016 7:00

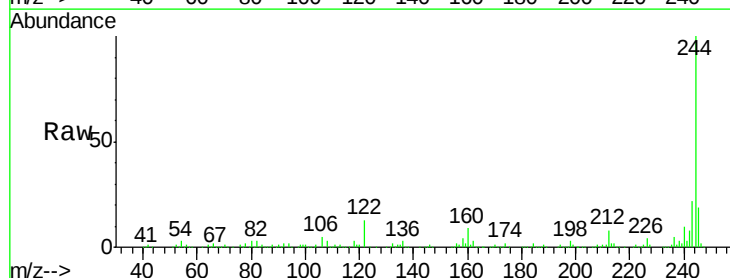
Tgt Ion:244 Resp: 378150

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

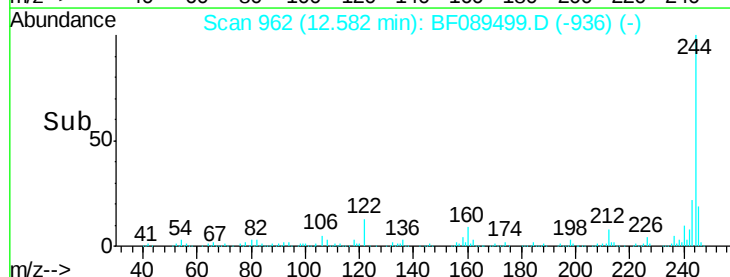
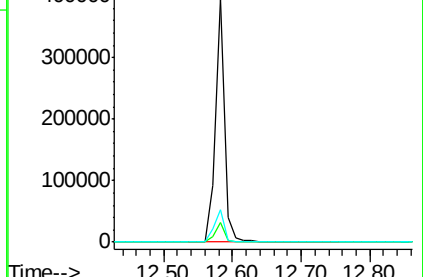
122 13.1 11.4 17.0

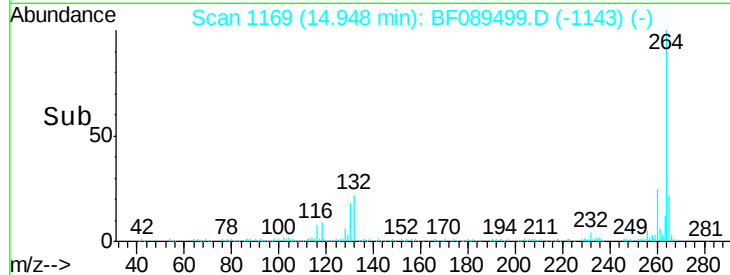
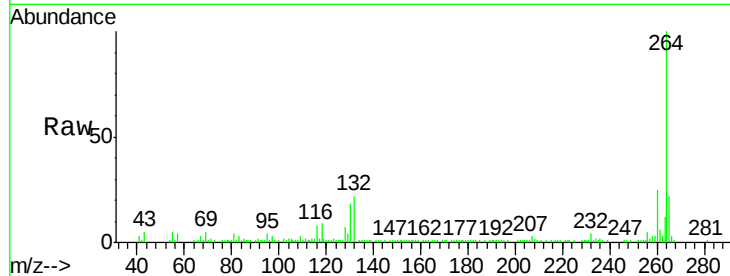
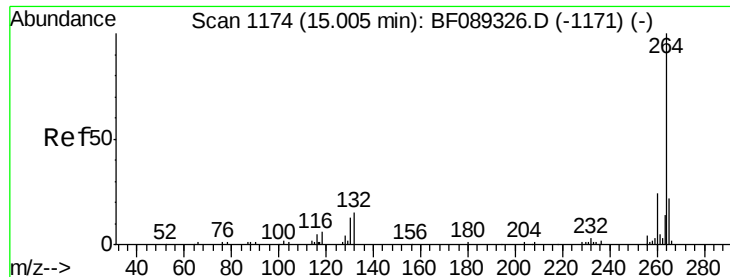


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF089499.D
Acq: 1 Aug 2016 7:00

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Tot Ion:	264	Resp:	69956
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.4
265	22.0	17.5	26.3

