

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089494.D
 Acq On : 1 Aug 2016 4:31
 Operator : UM/SJ
 Sample : H4222-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Aug 01 07:19:47 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

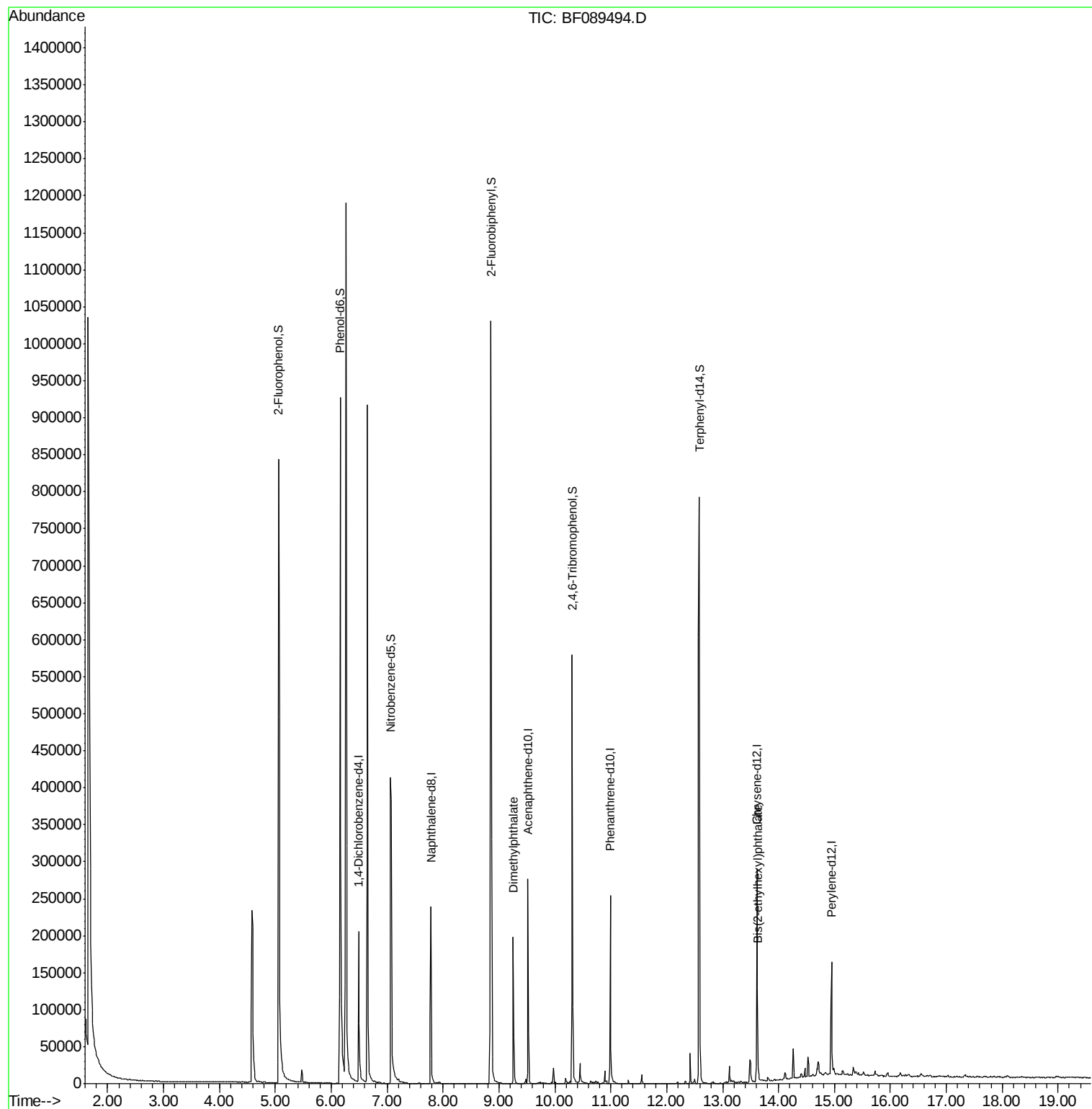
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	41202	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	143581	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	55594	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	103266	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	101765	20.00	ng	-0.01
86) Perylene-d12	14.95	264	76078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	344513	133.51	ng	0.00
7) Phenol-d6	6.16	99	425034	124.64	ng	-0.01
23) Nitrobenzene-d5	7.06	82	259268	106.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	59292	128.77	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	359508	94.90	ng	-0.01
78) Terphenyl-d14	12.58	244	340614	78.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.26	163	86474	20.44	ng	Qvalue 98
83) Bis(2-ethylhexyl)phthalate	13.62	149	13683	2.70	ng	# 97

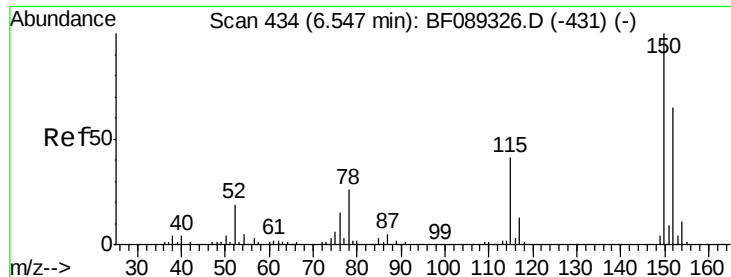
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 01 04:11:30 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF089494.D

Acq: 1 Aug 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

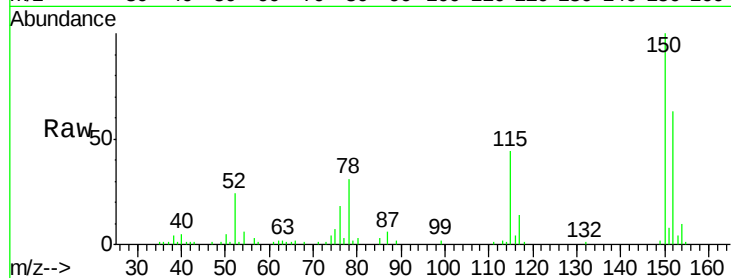
Tot Ion:152 Resp: 41202

Ion Ratio Lower Upper

152 100

150 159.7 129.5 194.3

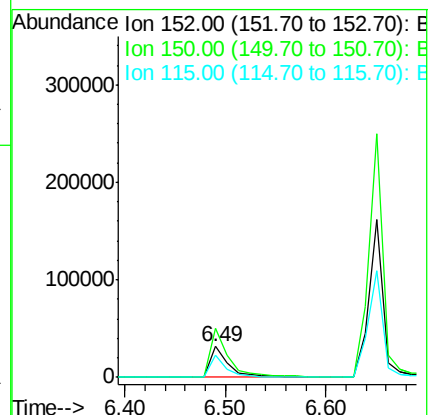
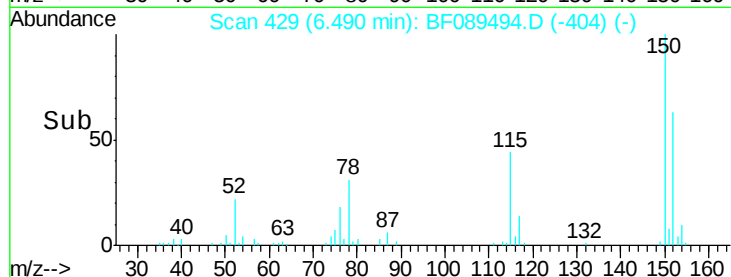
115 70.3 51.4 77.2



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: 133.51 ng

RT: 5.06 min Scan# 304

Delta R.T. 0.00 min

Lab File: BF089494.D

Acq: 1 Aug 2016 4:31

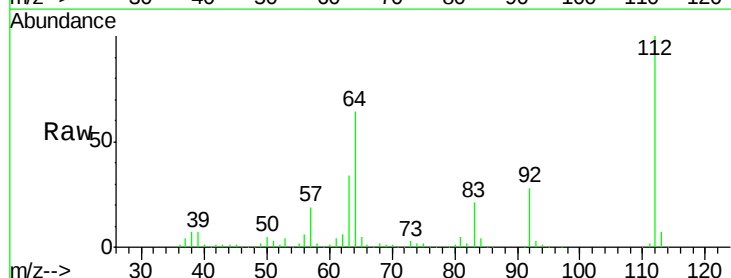
Tgt Ion:112 Resp: 344513

Ion Ratio Lower Upper

112 100

64 63.7 55.0 82.6

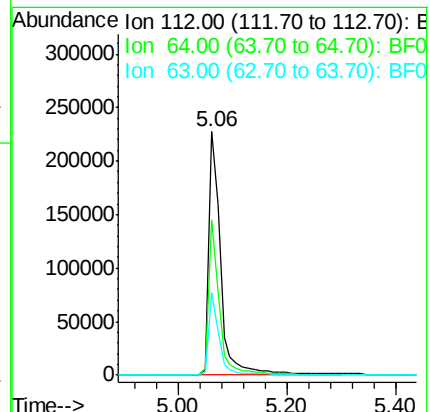
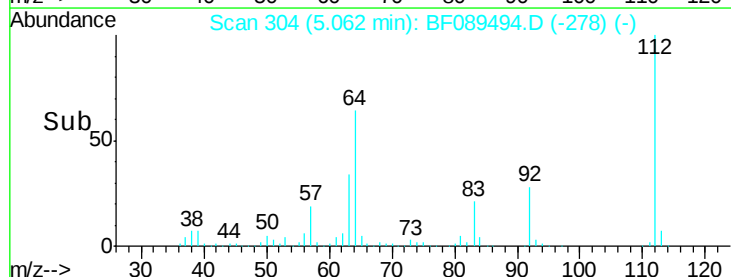
63 34.0 29.4 44.2



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: 124.64 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089494.D

Acq: 1 Aug 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

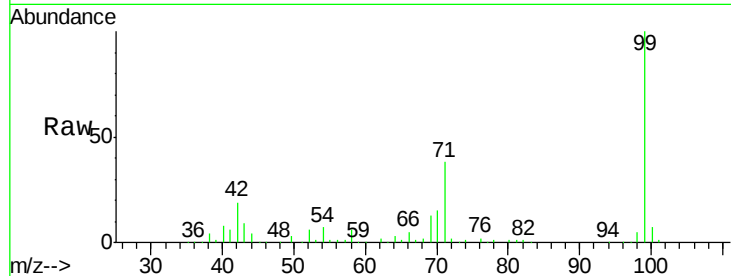
Tot Ion: 99 Resp: 425034

Ion Ratio Lower Upper

99 100

42 18.6 13.6 20.4

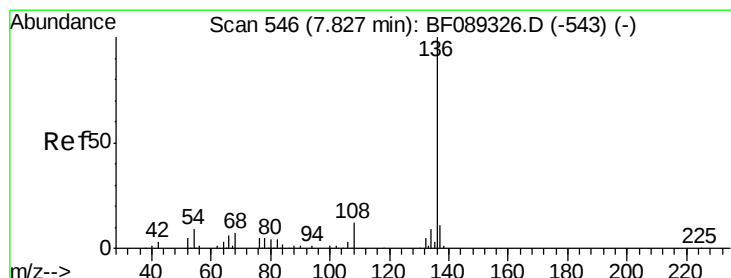
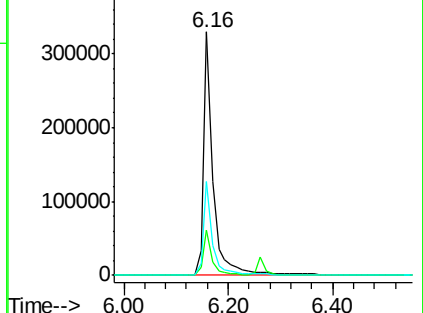
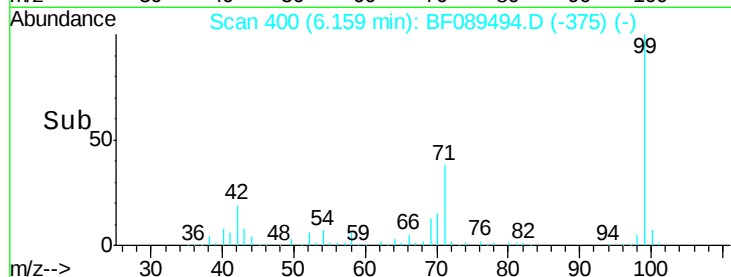
71 38.3 29.4 44.2



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: BF089494.D

Acq: 1 Aug 2016 4:31

Tgt Ion: 136 Resp: 143581

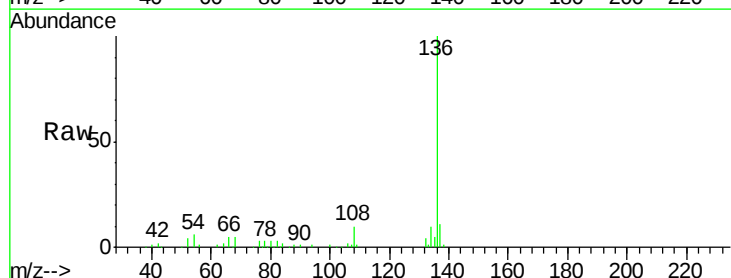
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.0 7.0 10.4#

68 4.7 4.9 7.3#

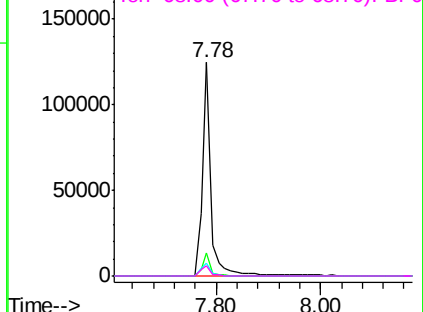
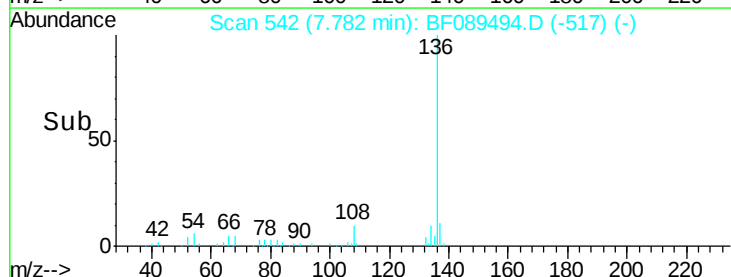


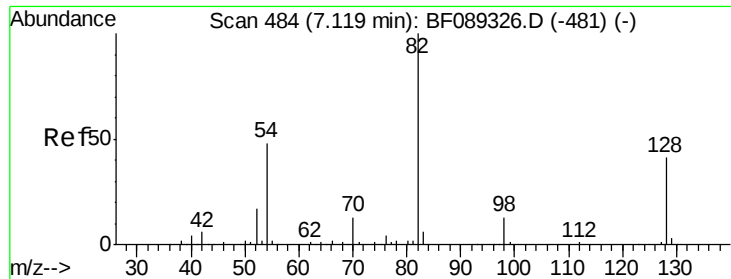
Abundance Ion 136.00 (135.70 to 136.70): E

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

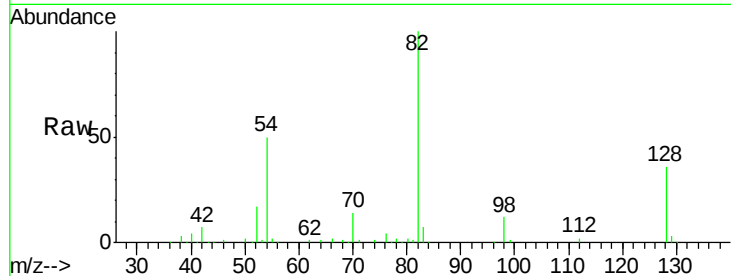




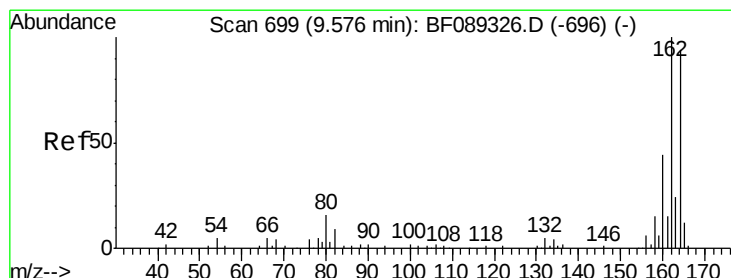
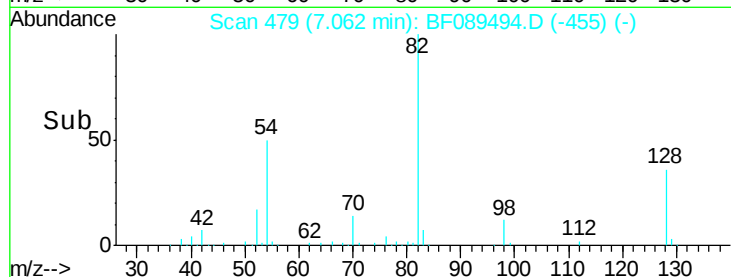
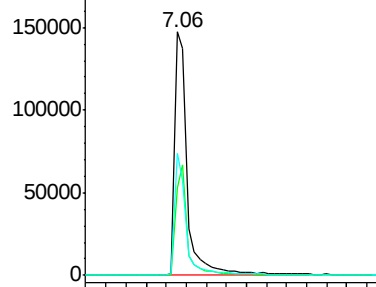
#23
 Nitrobenzene-d5
 Concen: 106.58 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.02 min
 Lab File: BF089494.D
 Acq: 1 Aug 2016 4:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tot Ion	82	Resp	259268
Ion Ratio	Lower	Upper	
82	100		
128	36.1	32.5	48.7
54	50.3	38.8	58.2

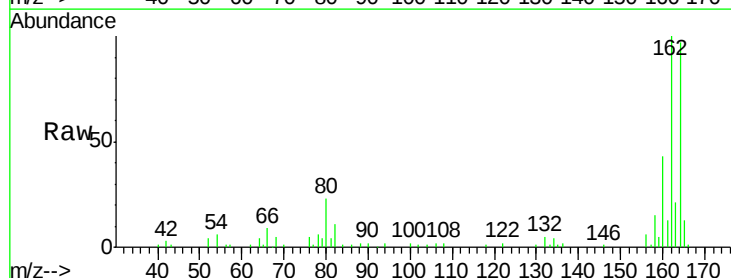


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

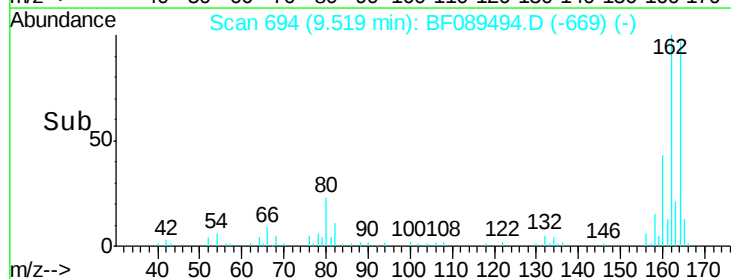
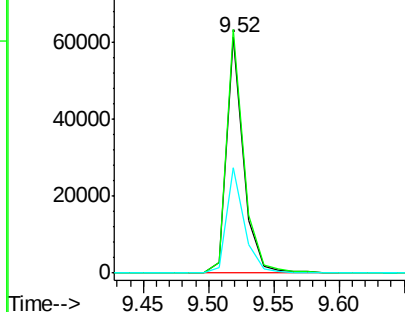


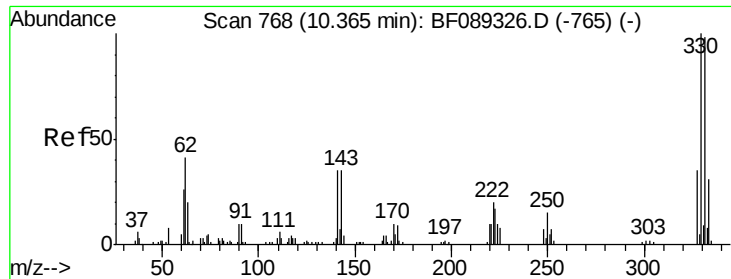
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF089494.D
 Acq: 1 Aug 2016 4:31

Tgt Ion	164	Resp	55594
Ion Ratio	Lower	Upper	
164	100		
162	103.2	83.7	125.5
160	44.9	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

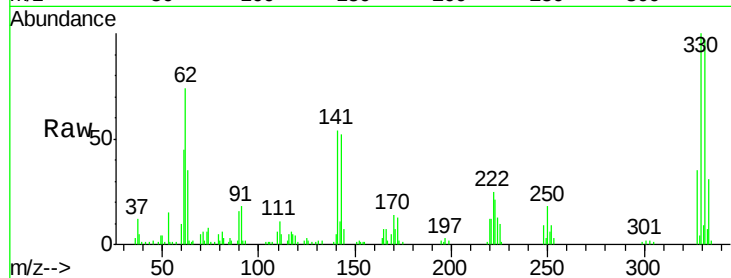




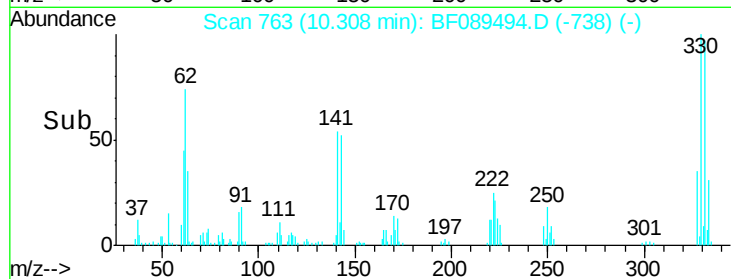
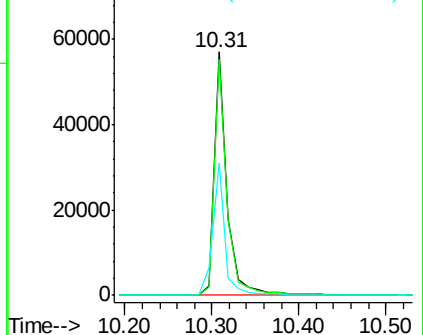
#41
 2,4,6-Tribromophenol
 Concen: 128.77 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF089494.D
 Acq: 1 Aug 2016 4:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tot Ion:330 Resp: 59292
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 51.9 37.3 55.9

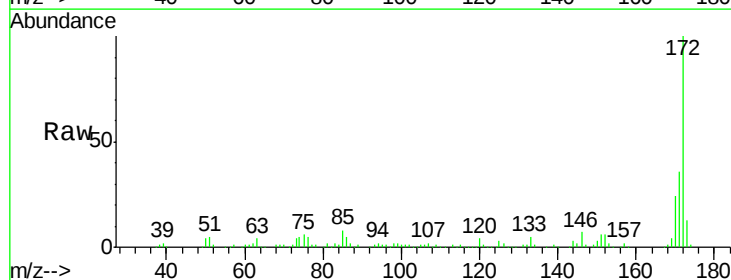


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

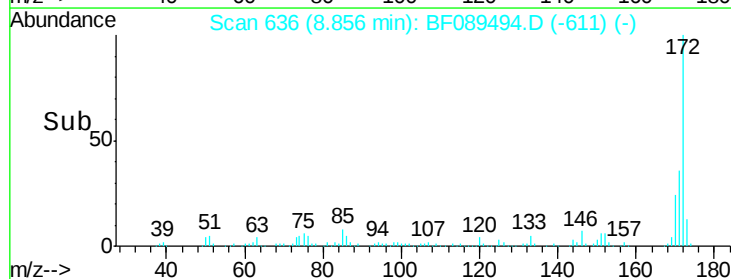
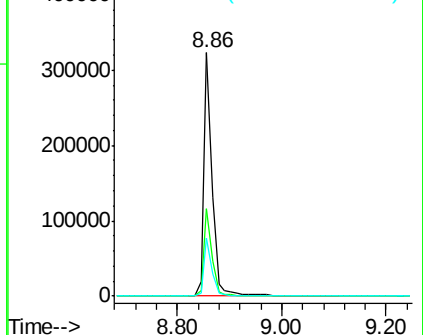


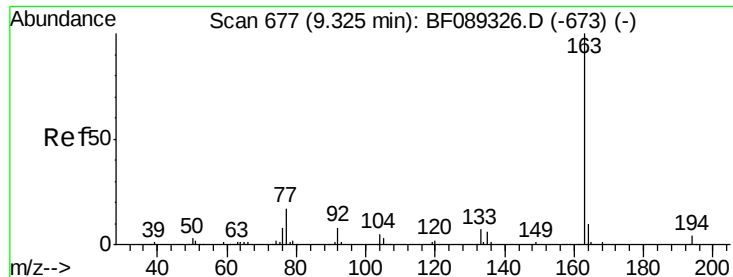
#44
 2-Fluorobiphenyl
 Concen: 94.90 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089494.D
 Acq: 1 Aug 2016 4:31

Tgt Ion:172 Resp: 359508
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.8 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

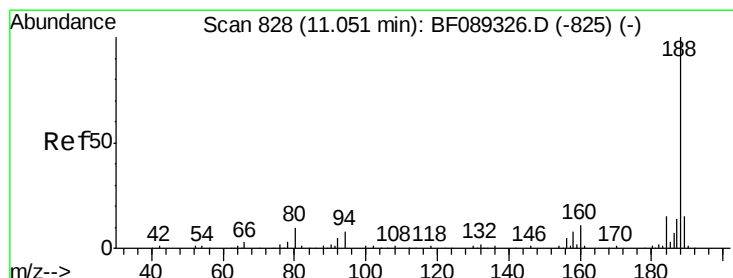
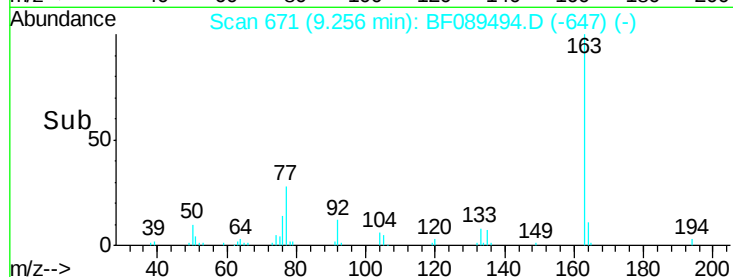
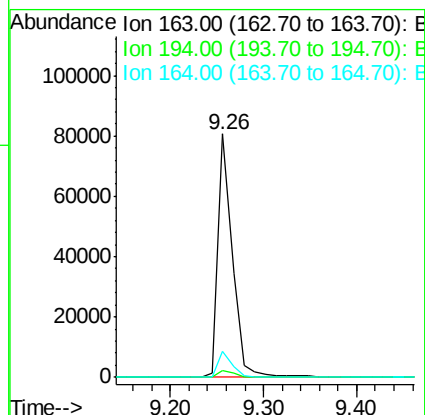
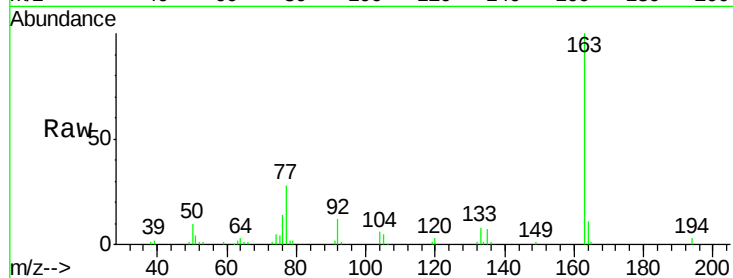




#49
Dimethylphthalate
Concen: 20.44 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF089494.D
Acq: 1 Aug 2016 4:31

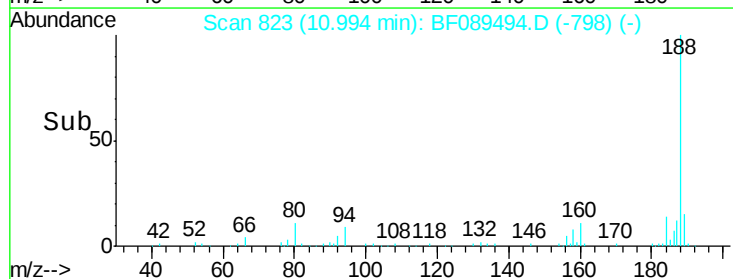
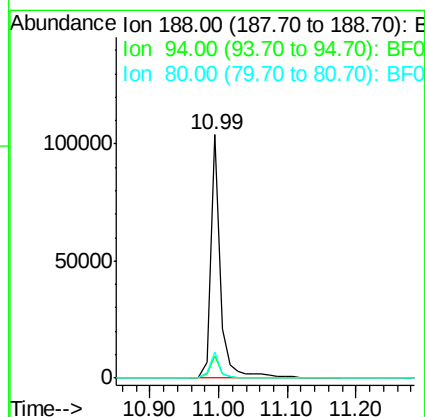
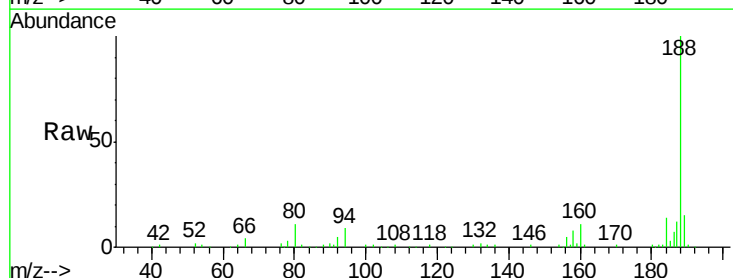
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion:163 Resp: 86474
Ion Ratio Lower Upper
163 100
194 2.8 2.8 4.2
164 10.5 7.8 11.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF089494.D
Acq: 1 Aug 2016 4:31

Tgt Ion:188 Resp: 103266
Ion Ratio Lower Upper
188 100
94 9.4 6.5 9.7
80 10.6 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF089494.D

Acq: 1 Aug 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

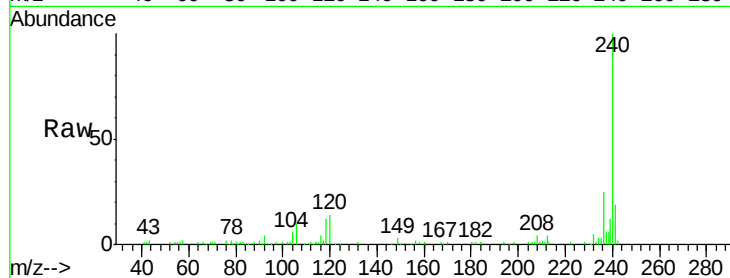
Tot Ion:240 Resp: 101765

Ion Ratio Lower Upper

240 100

120 13.5 9.1 13.7

236 25.3 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

120000

100000

80000

60000

40000

20000

0

13.61

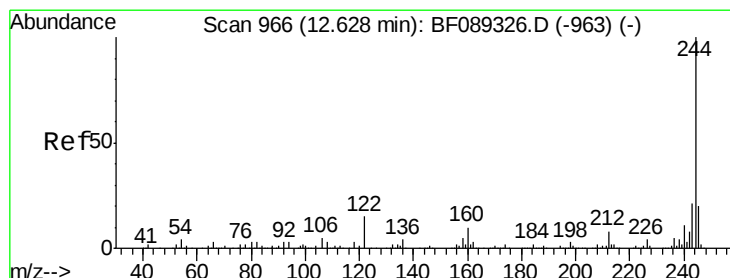
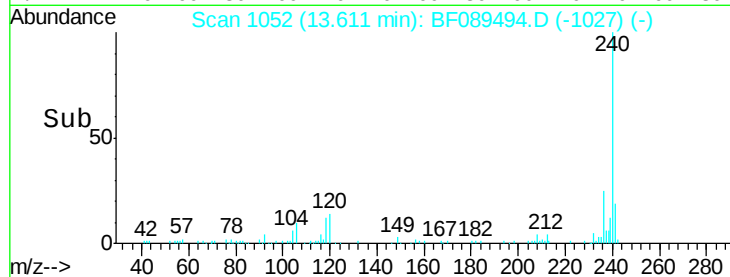
13.50

13.60

13.70

13.80

Time-->



#78

Terphenyl-d14

Concen: 78.34 ng

RT: 12.58 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF089494.D

Acq: 1 Aug 2016 4:31

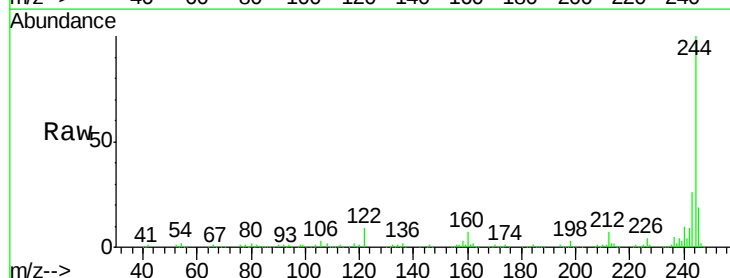
Tgt Ion:244 Resp: 340614

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 8.6 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

300000

200000

100000

0

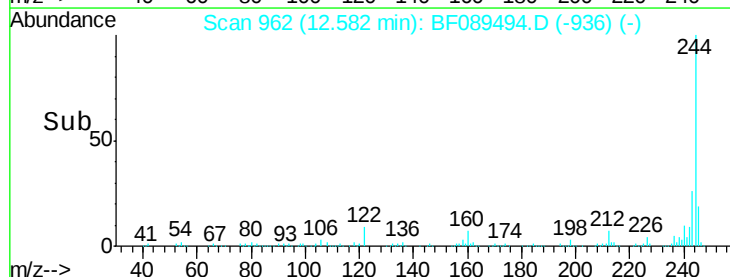
12.58

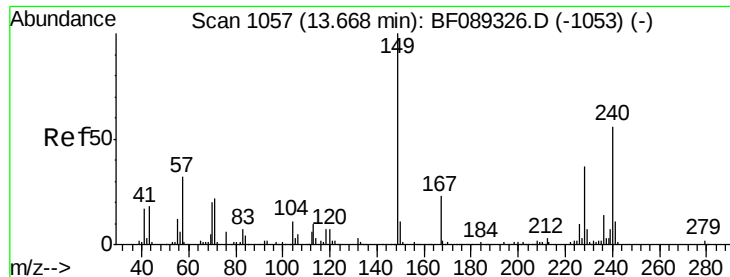
12.40

12.60

12.80

Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.70 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF089494.D

Acq: 1 Aug 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

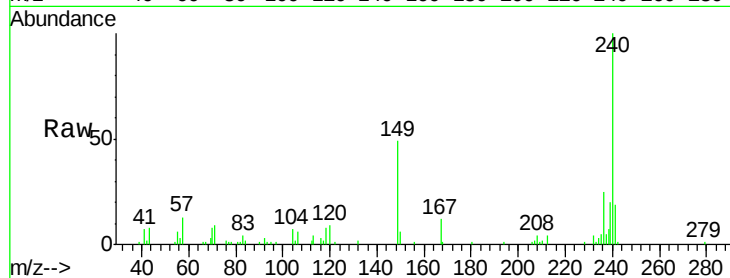
Tot Ion:149 Resp: 13683

Ion Ratio Lower Upper

149 100

167 24.8 18.8 28.2

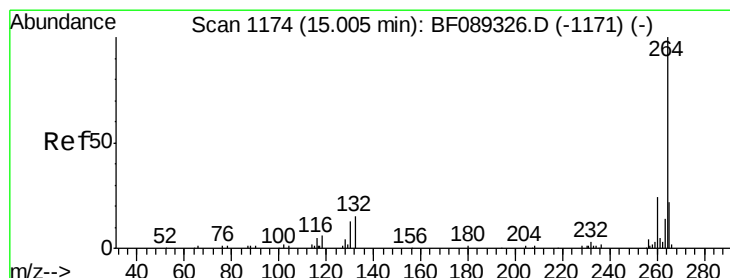
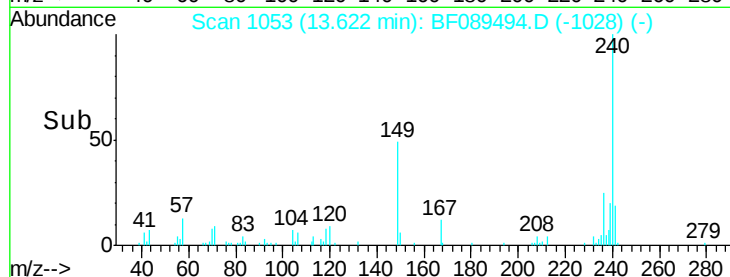
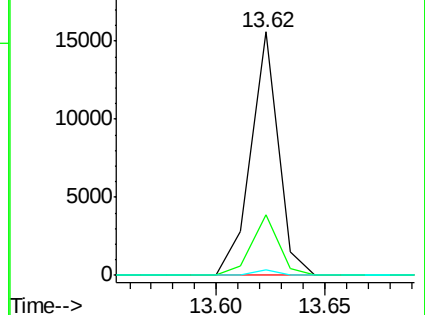
279 2.4 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.95 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF089494.D

Acq: 1 Aug 2016 4:31

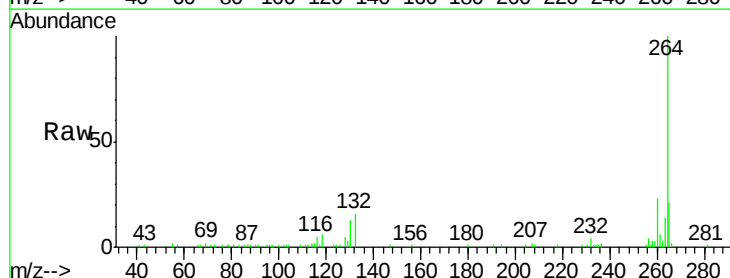
Tgt Ion:264 Resp: 76078

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.3 17.5 26.3



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

