

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089491.D
 Acq On : 1 Aug 2016 3:02
 Operator : UM/SJ
 Sample : H4222-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Aug 01 07:08:17 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

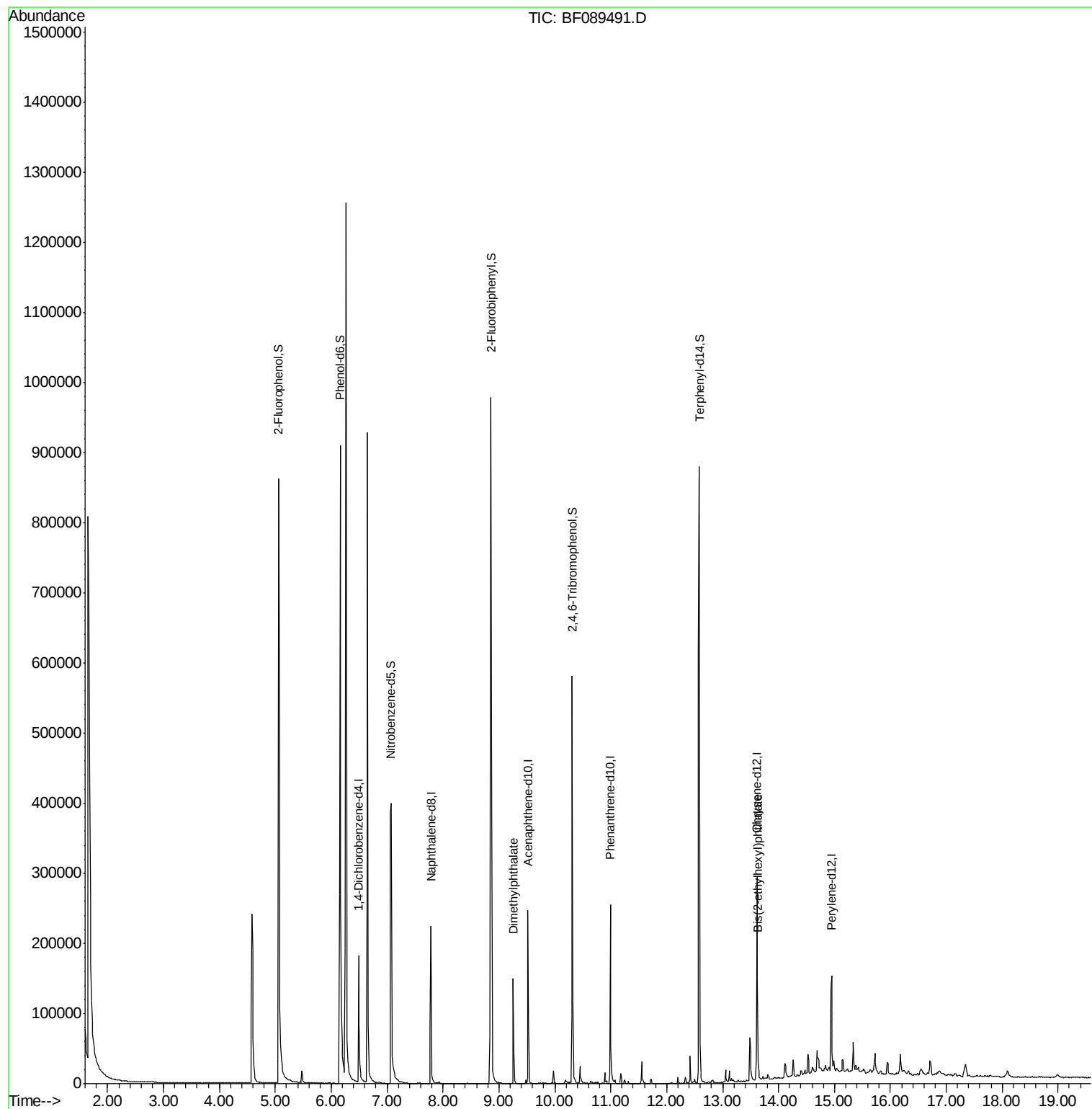
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	38714	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	134797	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	51368	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	102492	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	101484	20.00	ng	-0.01
86) Perylene-d12	14.95	264	74979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	339710	140.11	ng	0.00
7) Phenol-d6	6.16	99	435828	136.02	ng	-0.01
23) Nitrobenzene-d5	7.07	82	256391	112.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	61057	143.52	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	363848	103.95	ng	-0.01
78) Terphenyl-d14	12.58	244	365639	84.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.26	163	65128	16.66	ng	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	18487	3.66	ng	# 96

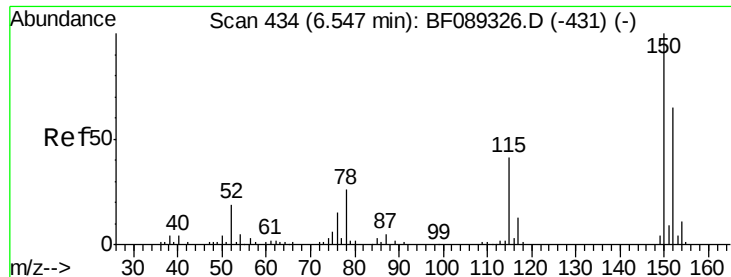
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089491.D

Acq: 1 Aug 2016 3:02

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

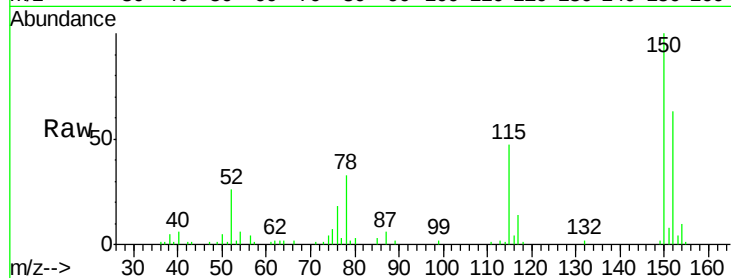
Tot Ion:152 Resp: 38714

Ion Ratio Lower Upper

152 100

150 159.2 129.5 194.3

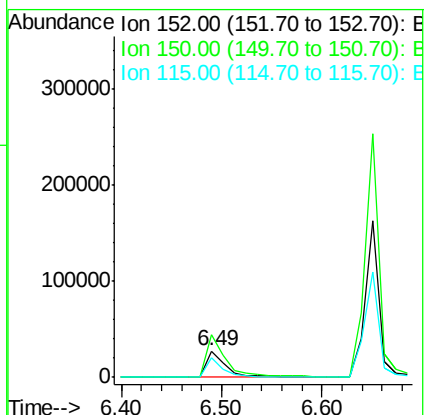
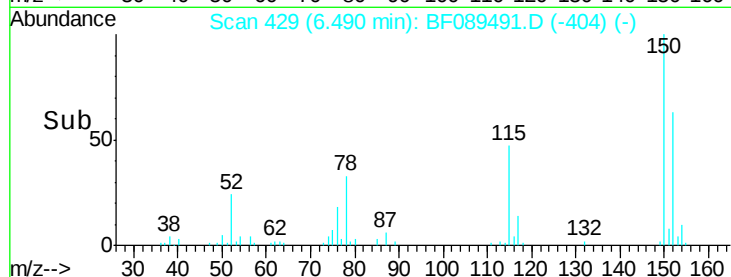
115 74.4 51.4 77.2



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: 140.11 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.00 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

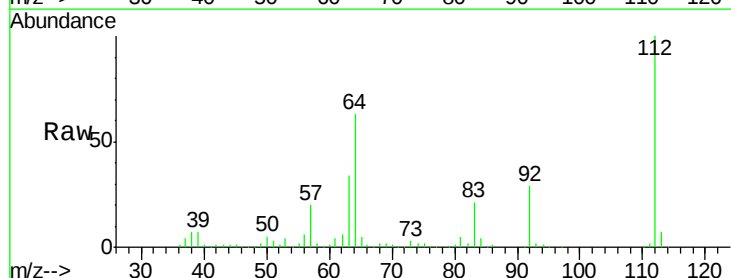
Tgt Ion:112 Resp: 339710

Ion Ratio Lower Upper

112 100

64 63.3 55.0 82.6

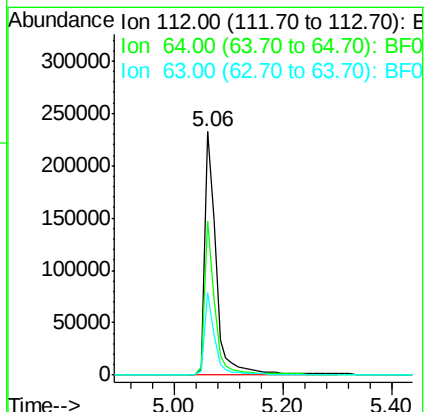
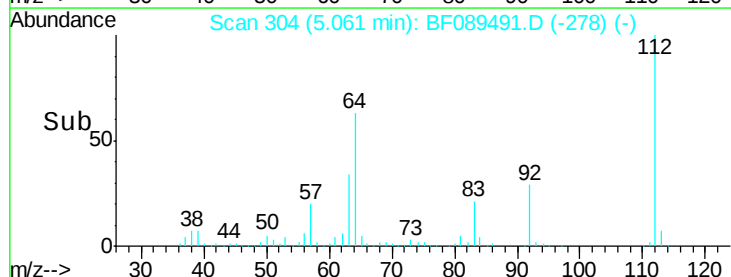
63 33.8 29.4 44.2



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: 136.02 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

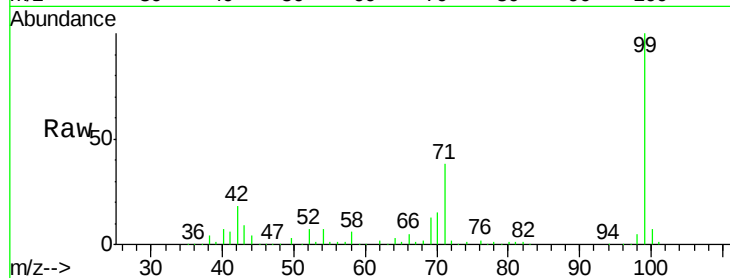
Tot Ion: 99 Resp: 435828

Ion Ratio Lower Upper

99 100

42 18.4 13.6 20.4

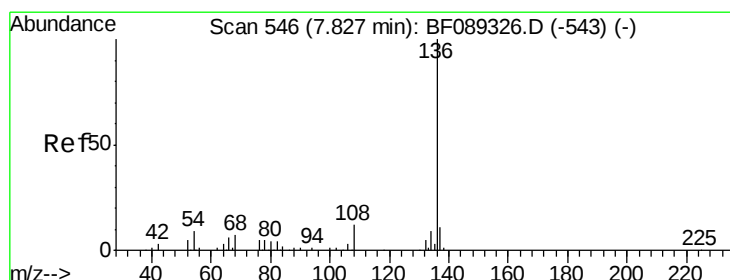
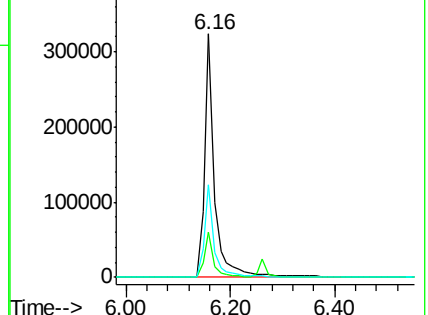
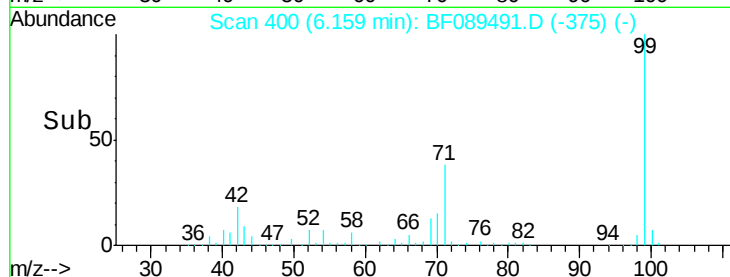
71 38.2 29.4 44.2



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: BF089491.D

Acq: 1 Aug 2016 3:02

Tgt Ion: 136 Resp: 134797

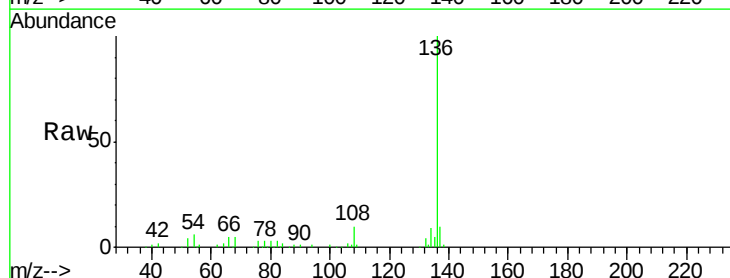
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 5.8 7.0 10.4#

68 4.7 4.9 7.3#

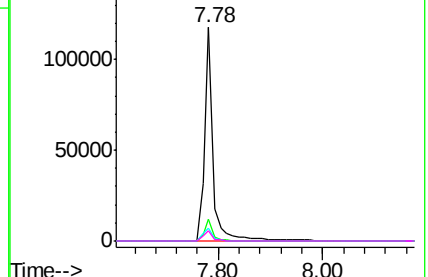
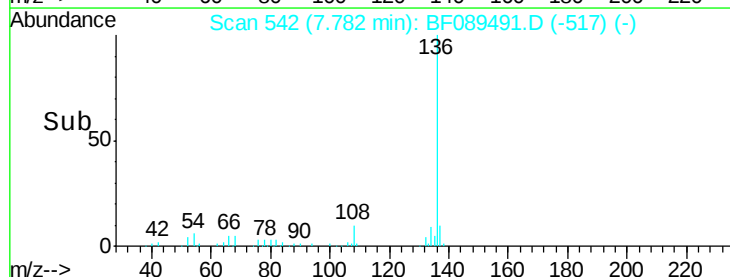


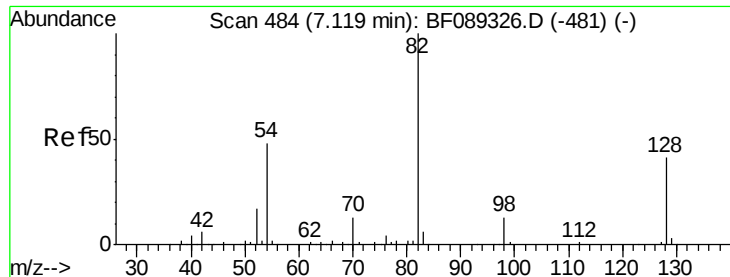
Abundance Ion 136.00 (135.70 to 136.70): E

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

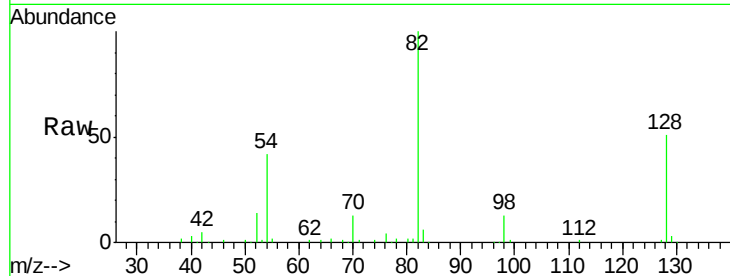




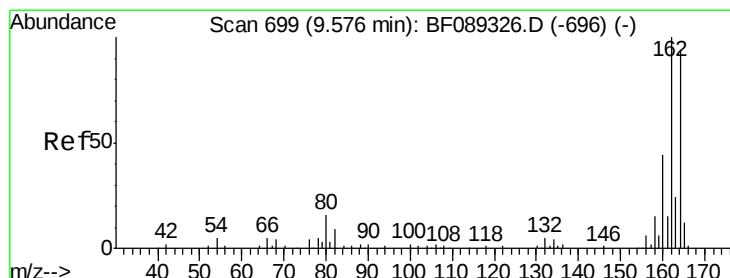
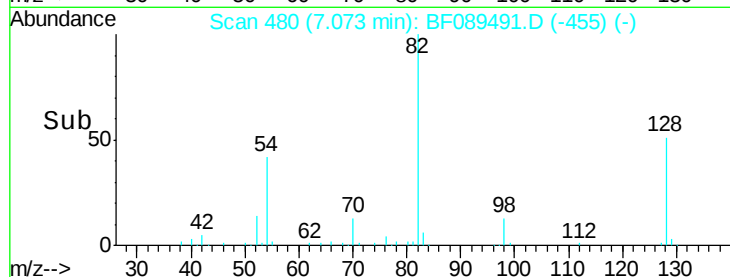
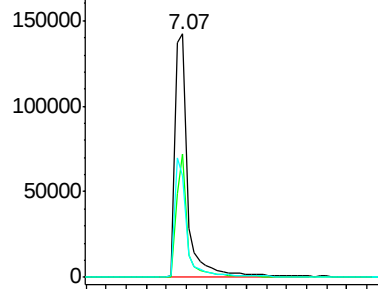
#23
 Nitrobenzene-d5
 Concen: 112.27 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BF089491.D
 Acq: 1 Aug 2016 3:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion: 82 Resp: 256391
 Ion Ratio Lower Upper
 82 100
 128 50.7 32.5 48.7#
 54 41.8 38.8 58.2

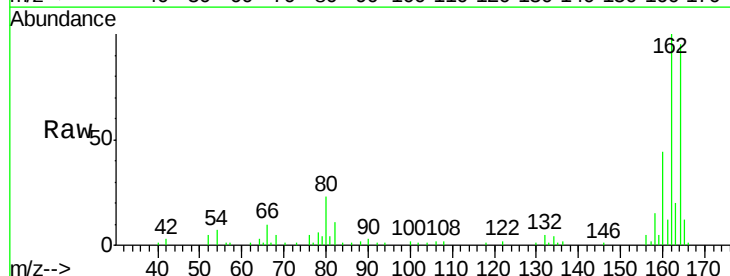


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

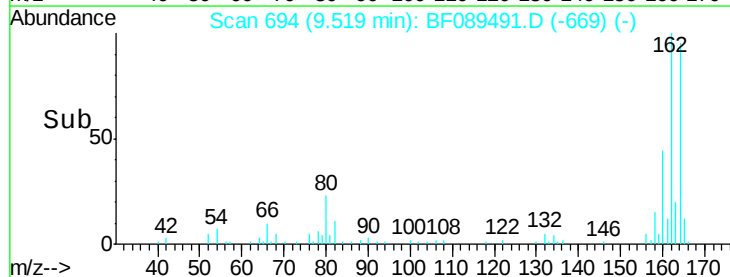
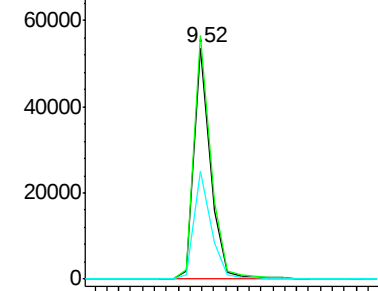


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF089491.D
 Acq: 1 Aug 2016 3:02

Tgt Ion:164 Resp: 51368
 Ion Ratio Lower Upper
 164 100
 162 105.2 83.7 125.5
 160 46.5 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

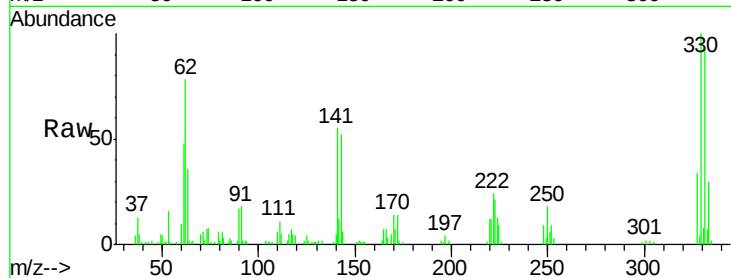




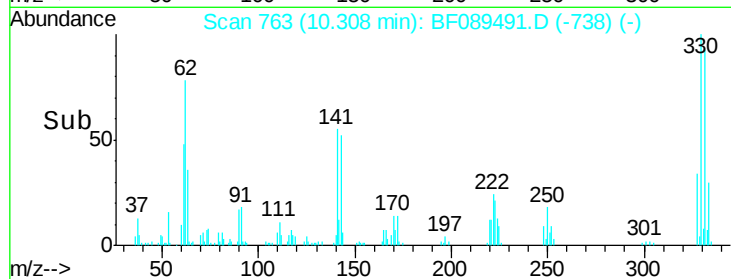
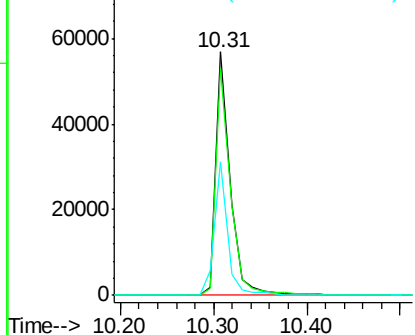
#41
 2,4,6-Tribromophenol
 Concen: 143.52 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF089491.D
 Acq: 1 Aug 2016 3:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.8	115.2
141	50.6	37.3	55.9

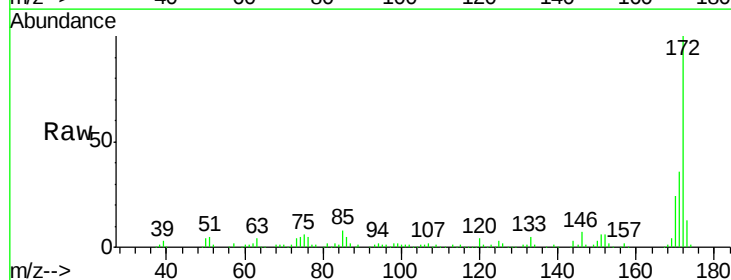


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

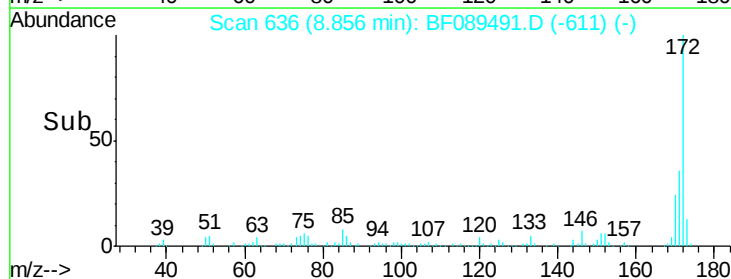
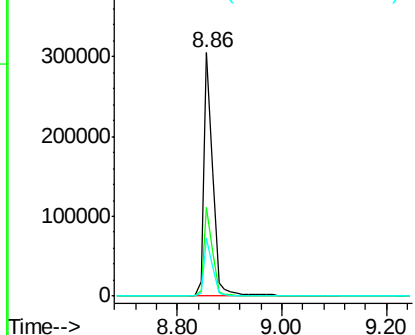


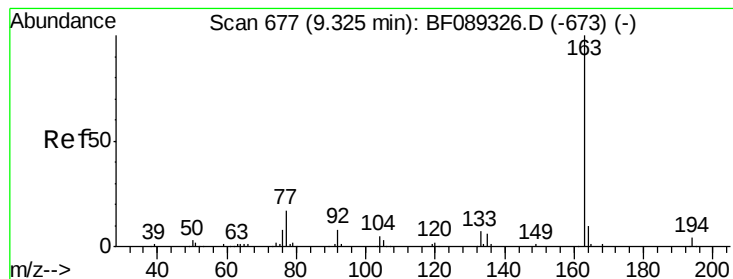
#44
 2-Fluorobiphenyl
 Concen: 103.95 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089491.D
 Acq: 1 Aug 2016 3:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	23.6	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: 16.66 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

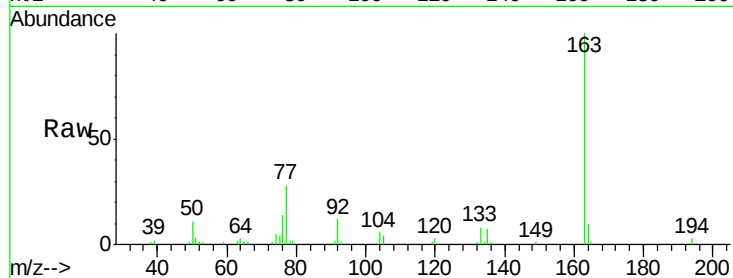
Tot Ion:163 Resp: 65128

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

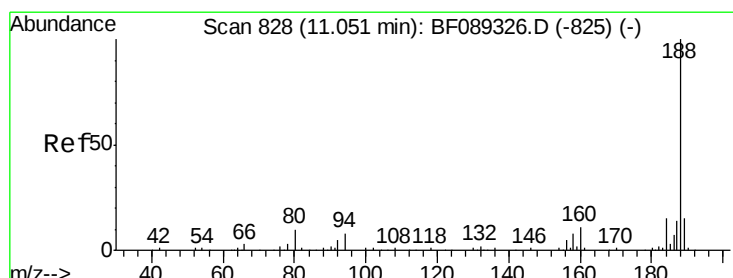
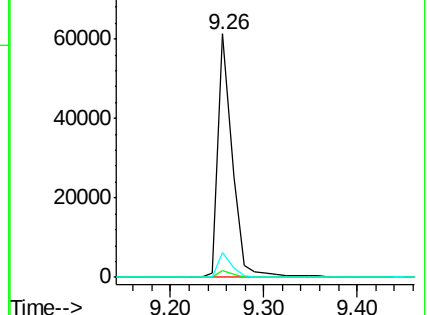
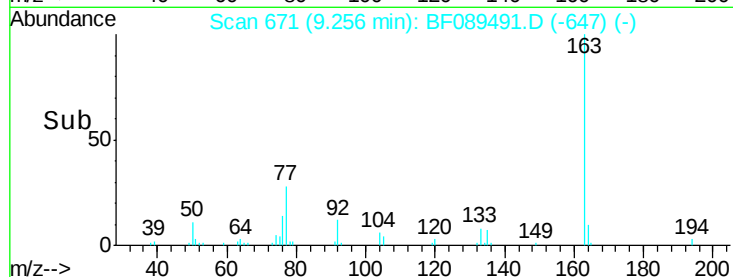
164 10.1 7.8 11.8



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: BF089491.D

Acq: 1 Aug 2016 3:02

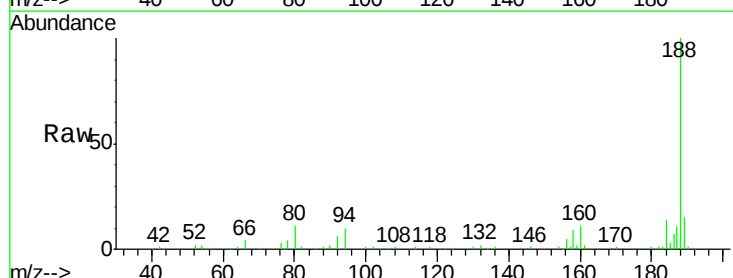
Tgt Ion:188 Resp: 102492

Ion Ratio Lower Upper

188 100

94 10.4 6.5 9.7#

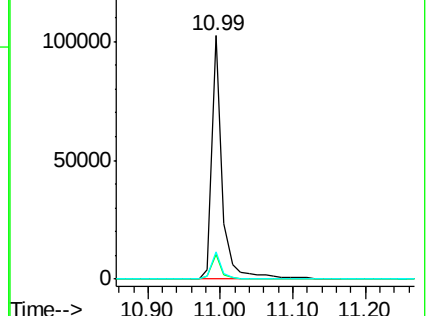
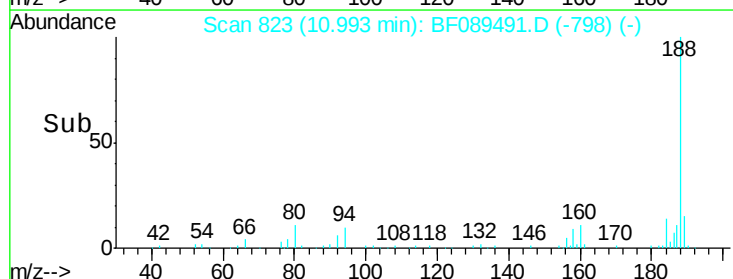
80 11.5 7.2 10.8#



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: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

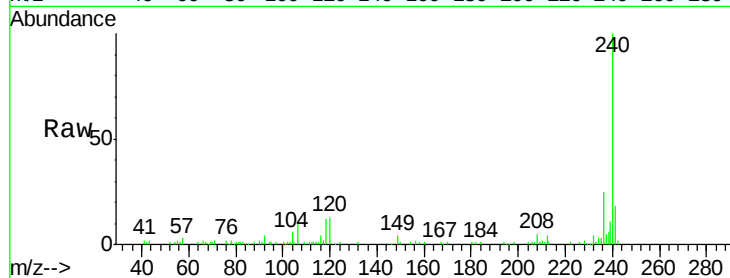
Tot Ion:240 Resp: 101484

Ion Ratio Lower Upper

240 100

120 13.3 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

120000

100000

80000

60000

40000

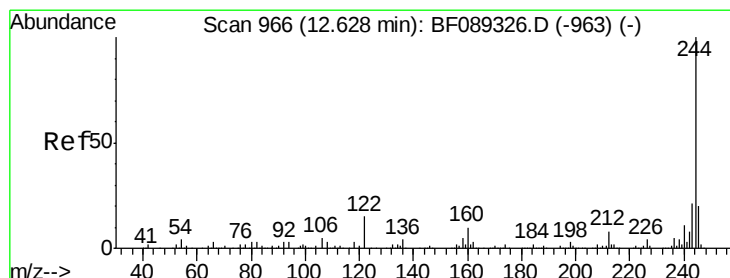
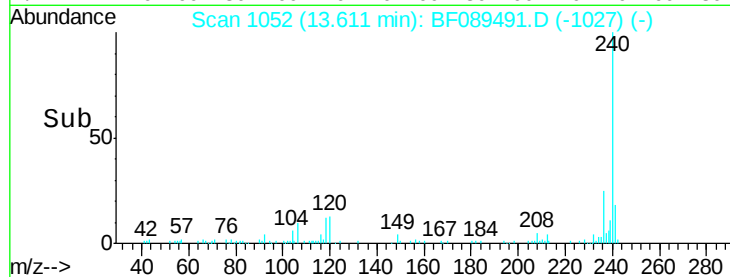
20000

0

13.61

13.50 13.60 13.70 13.80

Time-->



#78

Terphenyl-d14

Concen: 84.32 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

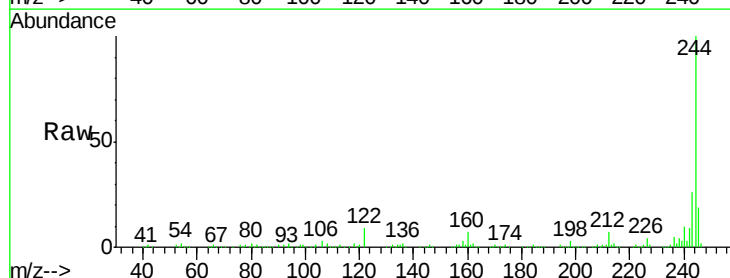
Tgt Ion:244 Resp: 365639

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.8 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

400000

300000

200000

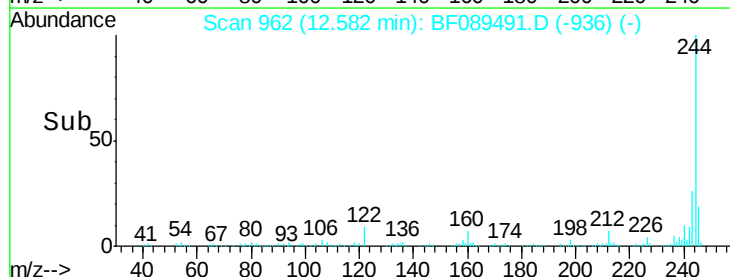
100000

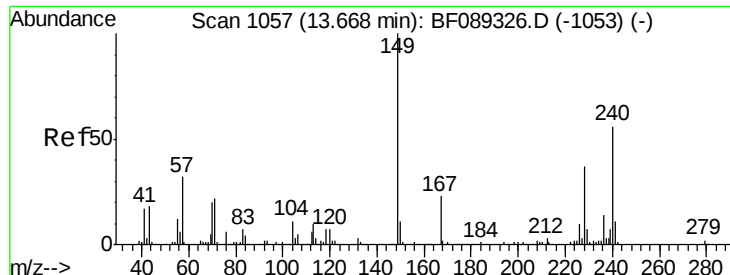
0

12.58

12.40 12.60 12.80

Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.66 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

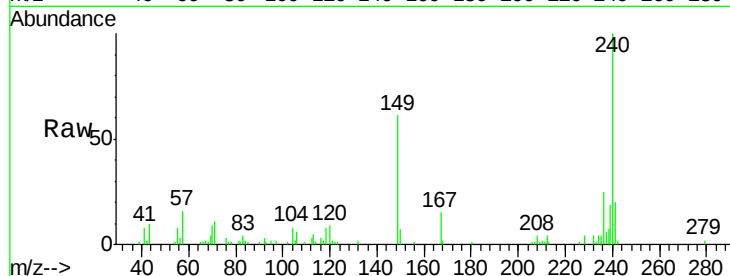
Tot Ion:149 Resp: 18487

Ion Ratio Lower Upper

149 100

167 25.5 18.8 28.2

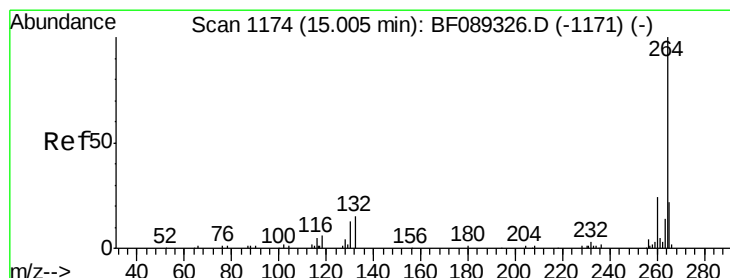
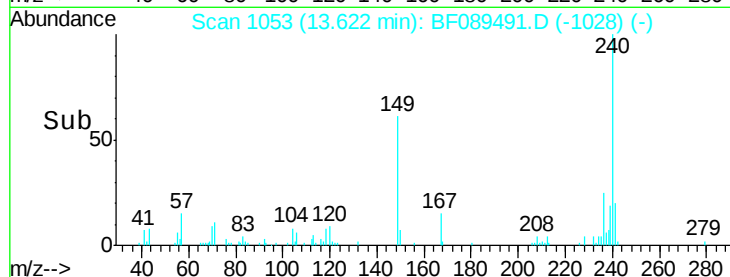
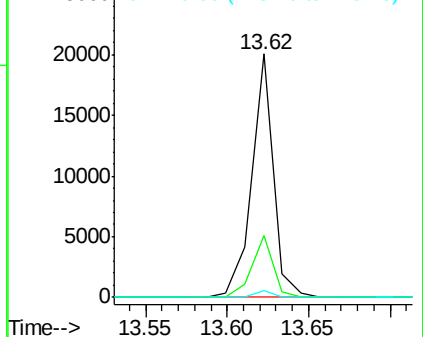
279 2.7 1.4 2.0#



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: BF089491.D

Acq: 1 Aug 2016 3:02

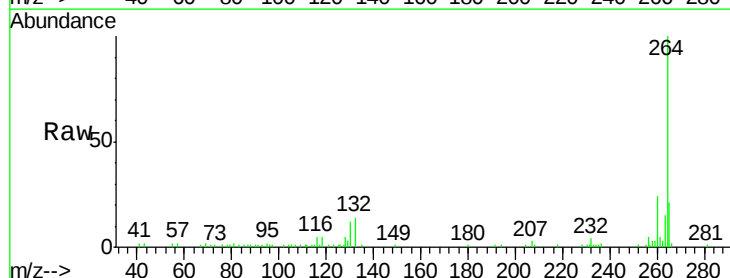
Tgt Ion:264 Resp: 74979

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 20.7 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

