

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 :

Quant Time: Aug 01 04:03:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

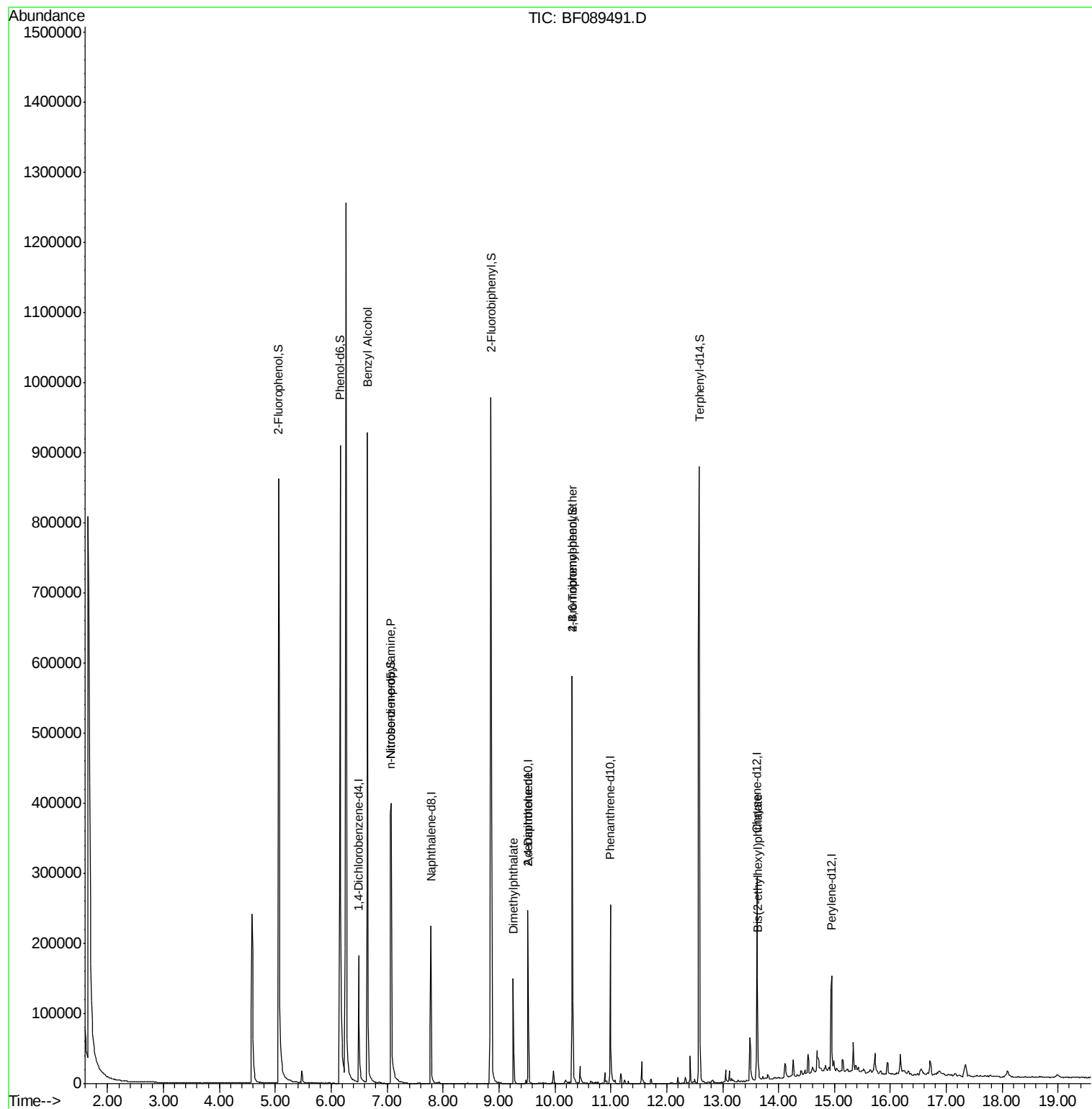
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	38714	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	134356	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	51368	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	102492	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	101484	20.00	ng	-0.06
86) Perylene-d12	14.95	264	74979	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	340459	140.42	ng	-0.05
7) Phenol-d6	6.16	99	435035	135.77	ng	-0.05
23) Nitrobenzene-d5	7.07	82	256391	112.64	ng	-0.05
41) 2,4,6-Tribromophenol	10.31	330	61057	143.52	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	363848	103.95	ng	-0.06
78) Terphenyl-d14	12.58	244	365644	84.33	ng	-0.05
Target Compounds						Qvalue
15) Benzyl Alcohol	6.65	79	4400	2.21	ng	# 44
19) n-Nitroso-di-n-propylamine	7.06	70	33098	17.13	ng	# 83
49) Dimethylphthalate	9.26	163	65128	16.66	ng	99
56) 2,4-Dinitrotoluene	9.52	165	5900	5.58	ng	# 7
66) 4-Bromophenyl-phenylether	10.31	248	4522	4.62	ng	# 1
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. -0.06 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

Instrument :

BNA_F

ClientSampleId :

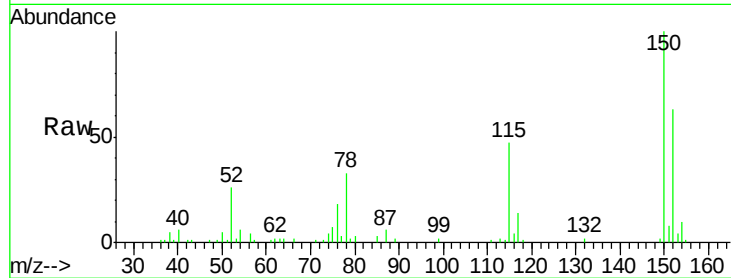
Tot Ion:152 Resp: 38714

Ion Ratio Lower Upper

152 100

150 159.2 129.5 194.3

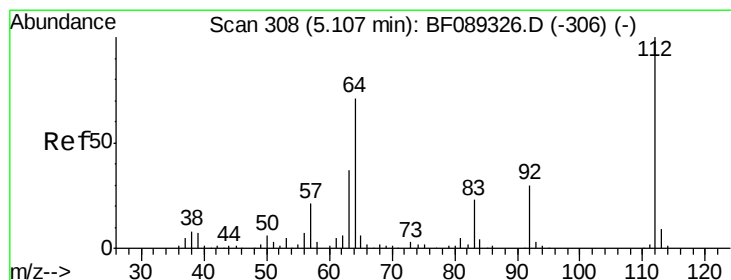
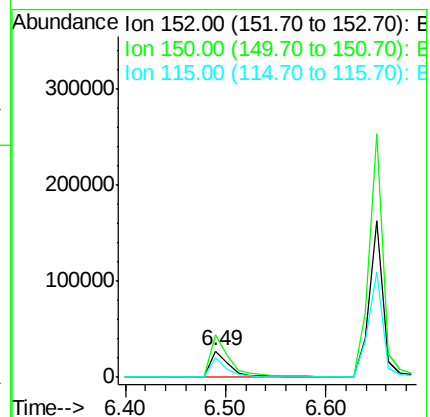
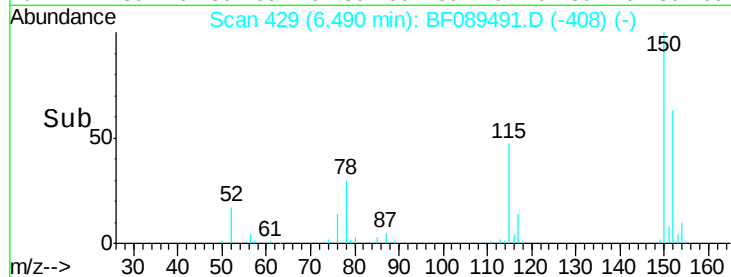
115 74.4 51.4 77.2



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: 140.42 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.05 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

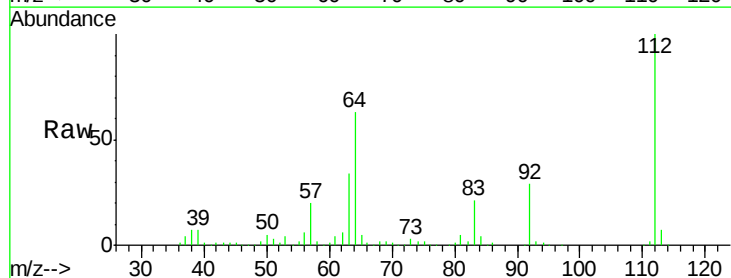
Tgt Ion:112 Resp: 340459

Ion Ratio Lower Upper

112 100

64 63.3 55.0 82.6

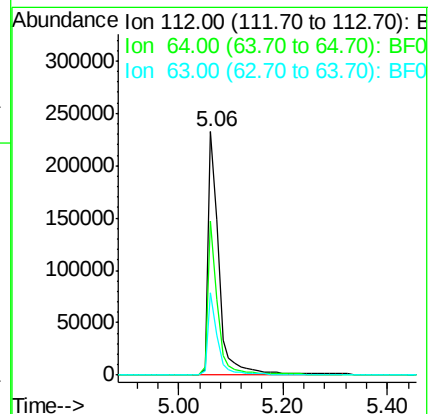
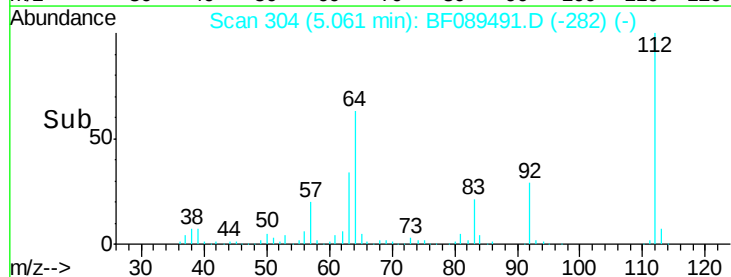
63 33.8 29.4 44.2



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: 135.77 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

Instrument :

BNA_F

ClientSampleId :

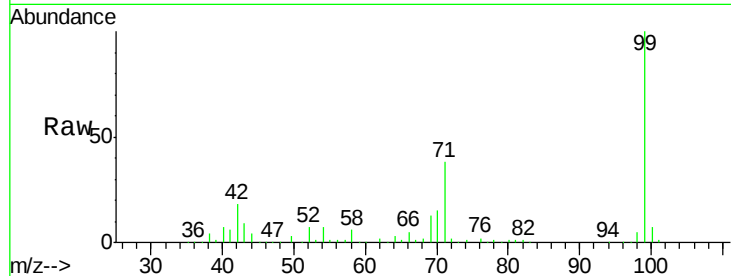
Tot Ion: 99 Resp: 435035

Ion Ratio Lower Upper

99 100

42 18.4 13.6 20.4

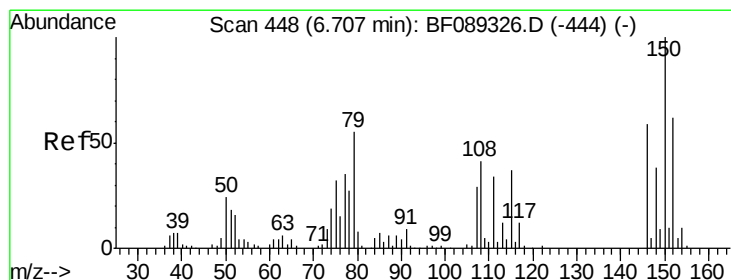
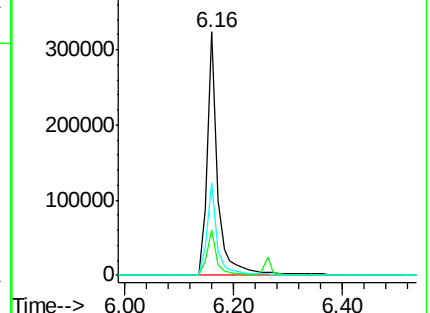
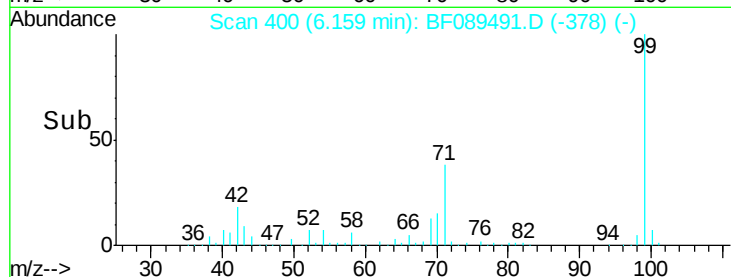
71 38.2 29.4 44.2



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



#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.06 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

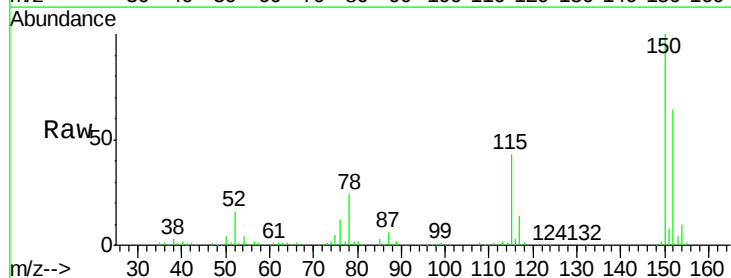
Tgt Ion: 79 Resp: 4400

Ion Ratio Lower Upper

79 100

108 32.3 59.8 89.6#

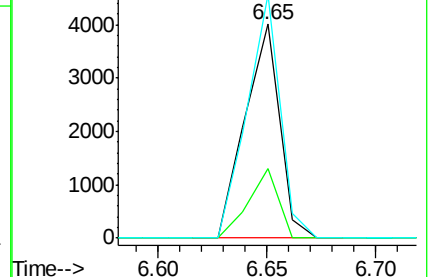
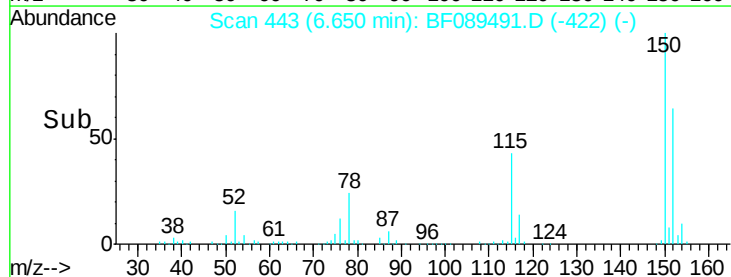
77 113.7 51.7 77.5#

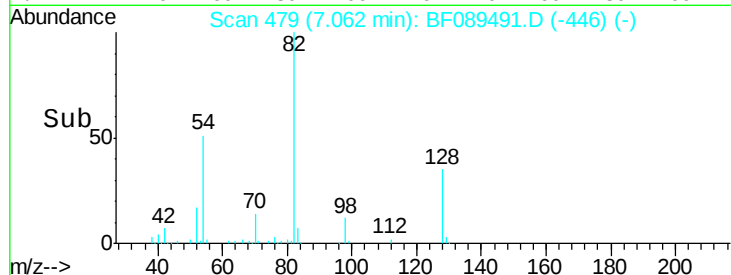
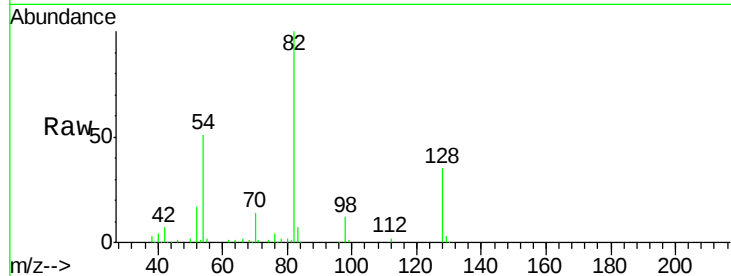
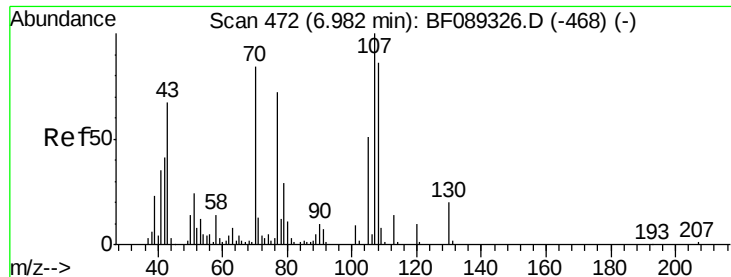


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

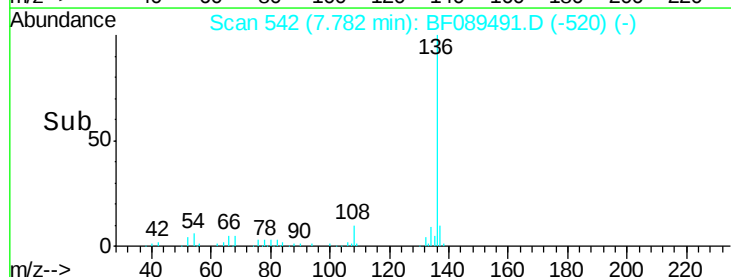
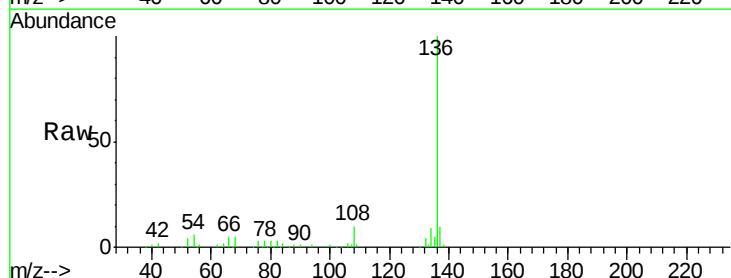
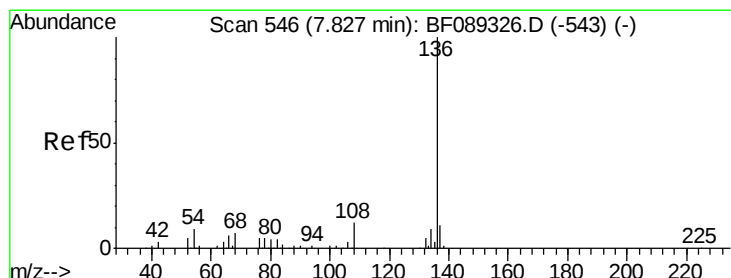
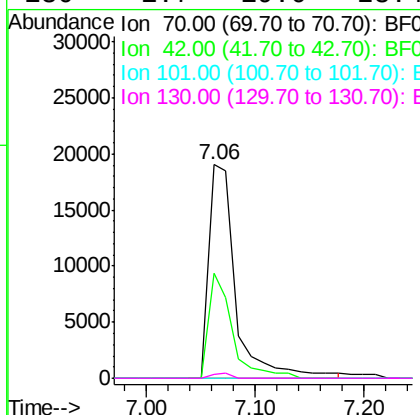




#19
n-Nitroso-di-n-propylamine
Concen: 17.13 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF089491.D
Acq: 1 Aug 2016 3:02

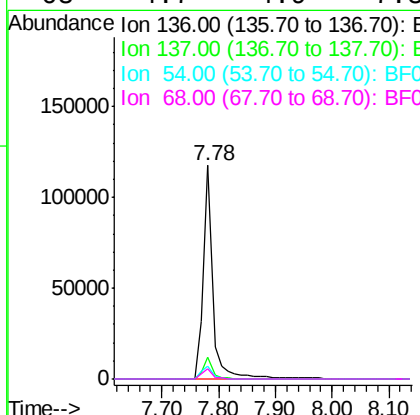
Instrument :
BNA_F
ClientSampled :

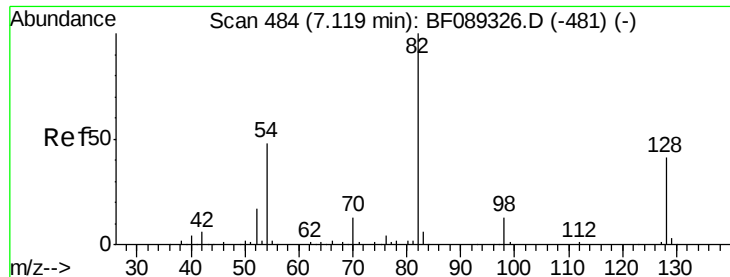
Tot Ion: 70 Resp: 33098
Ion Ratio Lower Upper
70 100
42 49.2 38.6 57.8
101 0.0 8.3 12.5#
130 1.7 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089491.D
Acq: 1 Aug 2016 3:02

Tgt Ion:136 Resp: 134356
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#

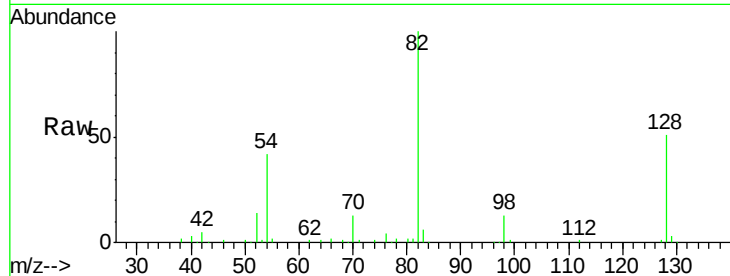




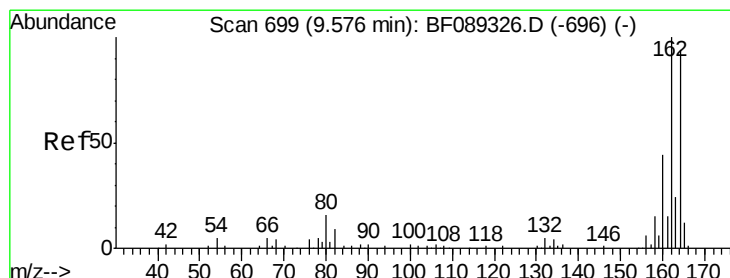
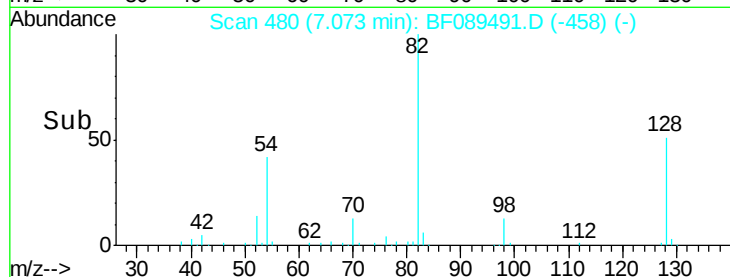
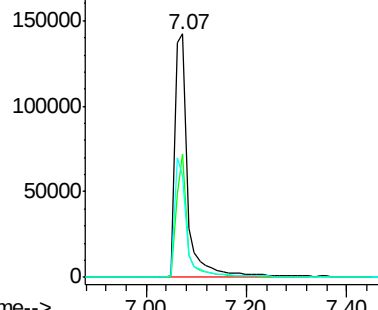
#23
Nitrobenzene-d5
Concen: 112.64 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF089491.D
Acq: 1 Aug 2016 3:02

Instrument :
BNA_F
ClientSampleId :

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

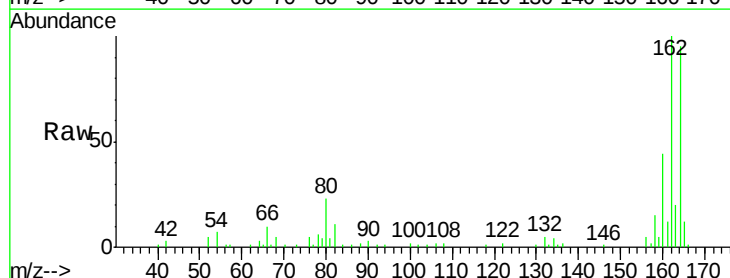


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

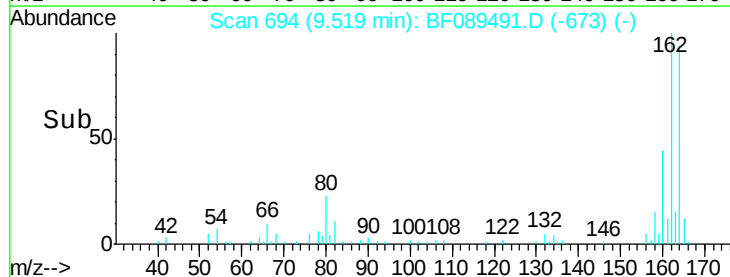
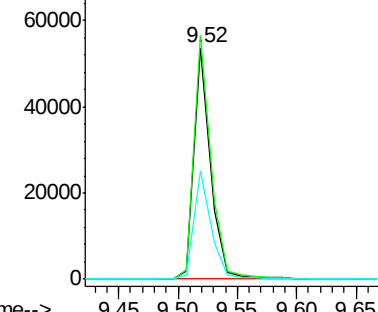


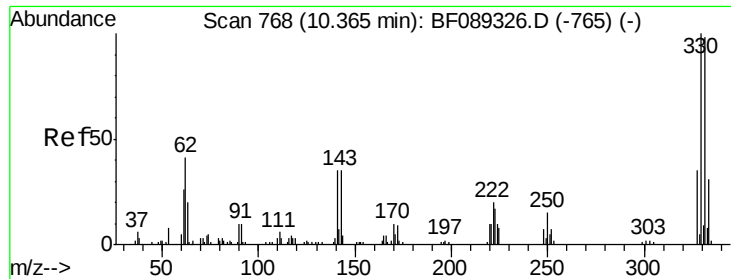
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF089491.D
Acq: 1 Aug 2016 3:02

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

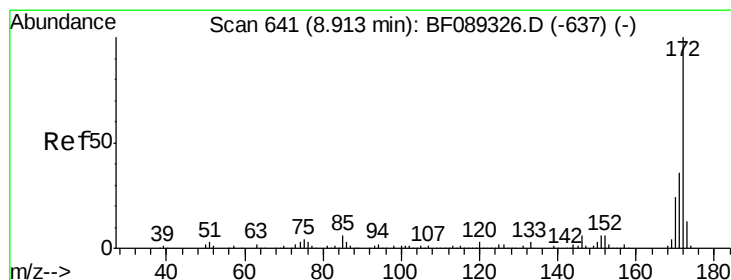
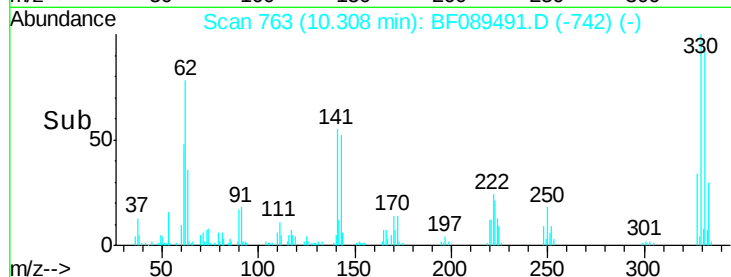
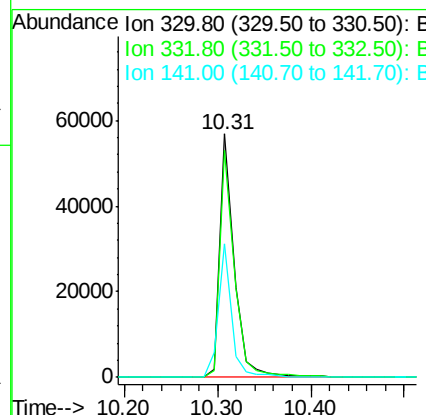
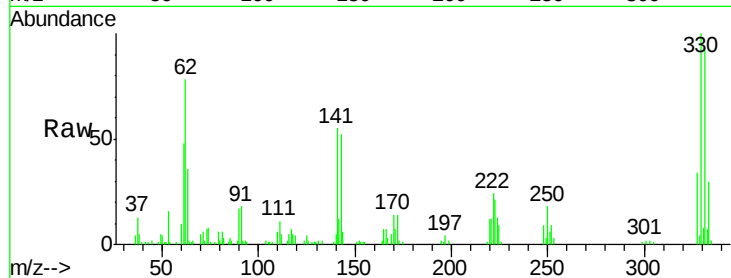




#41
 2,4,6-Tribromophenol
 Concen: 143.52 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF089491.D
 Acq: 1 Aug 2016 3:02

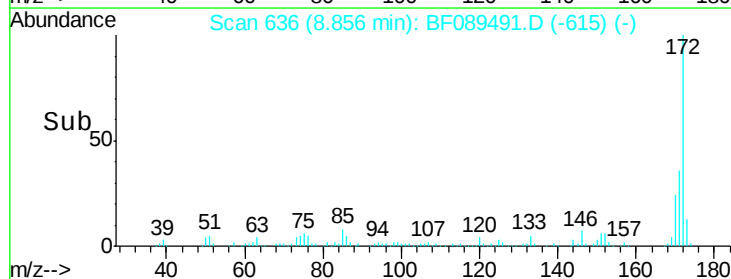
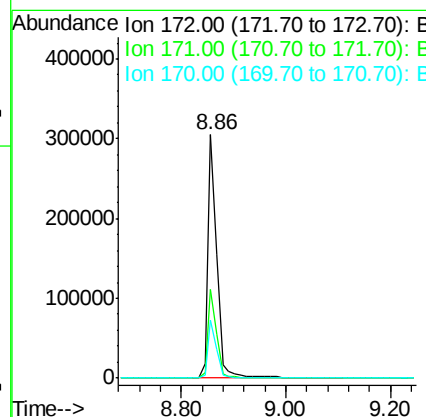
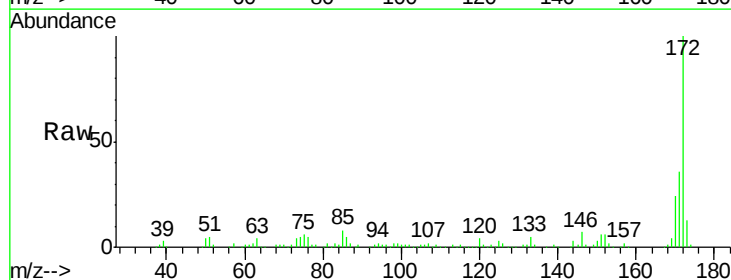
Instrument :
 BNA_F
 ClientSampleId :

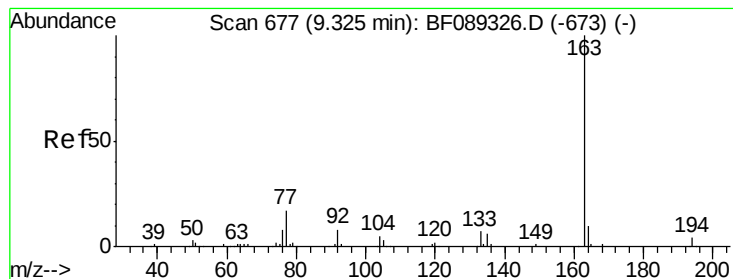
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.8	115.2
141	50.6	37.3	55.9



#44
 2-Fluorobiphenyl
 Concen: 103.95 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.06 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





#49

Dimethylphthalate

Concen: 16.66 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.07 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

Instrument :

BNA_F

ClientSampleId :

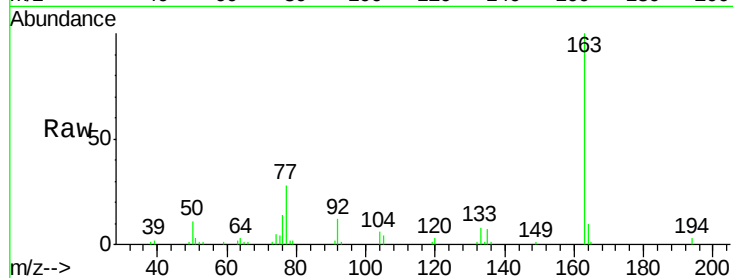
Tot Ion:163 Resp: 65128

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

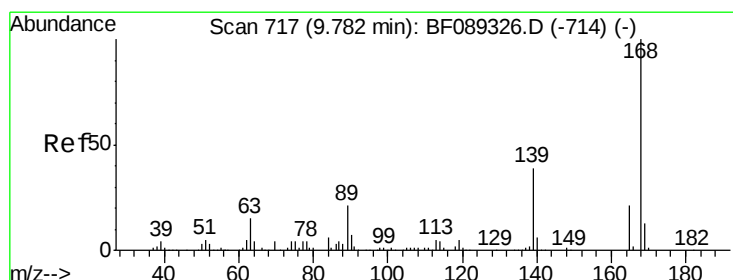
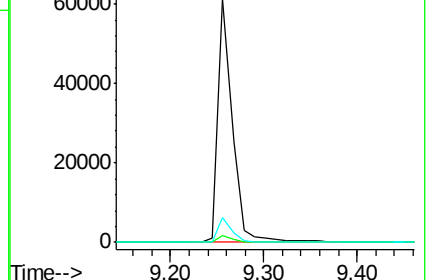
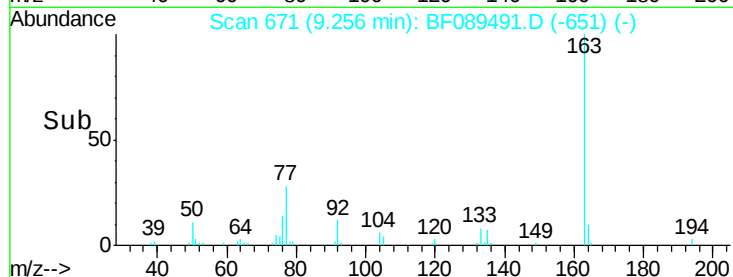
164 10.1 7.8 11.8



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



#56

2,4-Dinitrotoluene

Concen: 5.58 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.26 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

Tgt Ion:165 Resp: 5900

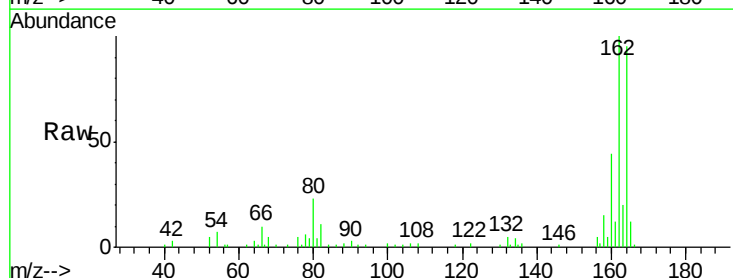
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.2#

89 0.0 79.1 118.7#

182 0.0 1.8 2.8#

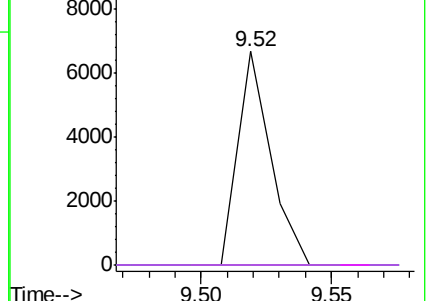
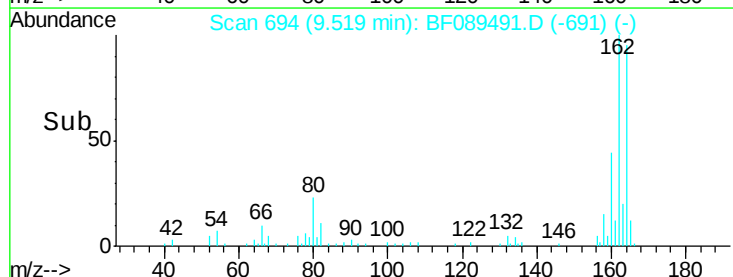


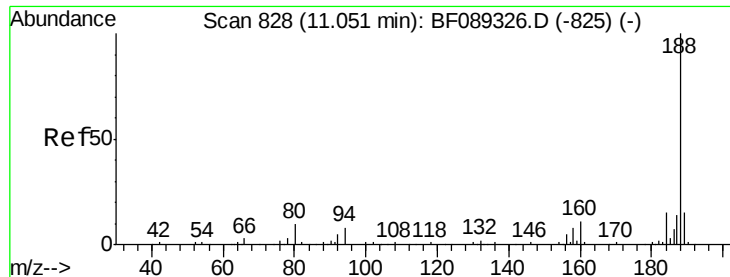
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

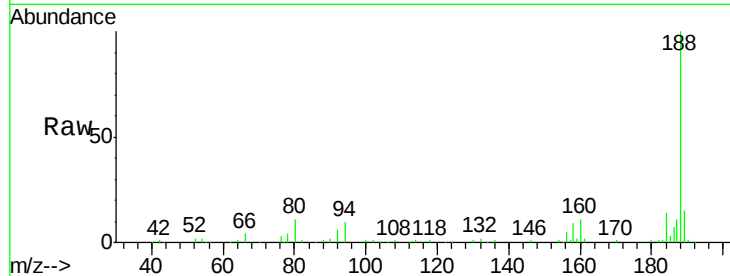




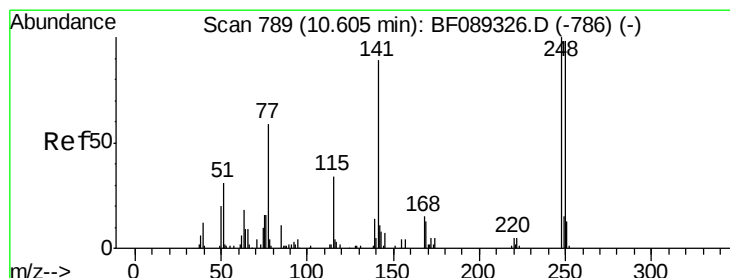
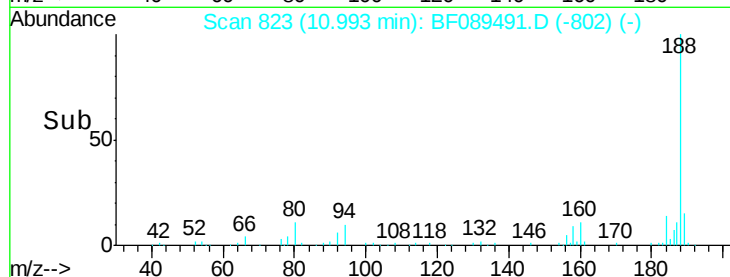
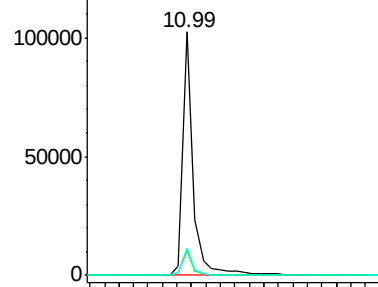
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089491.D
 Acq: 1 Aug 2016 3:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 102492
 Ion Ratio Lower Upper
 188 100
 94 10.4 6.5 9.7#
 80 11.5 7.2 10.8#

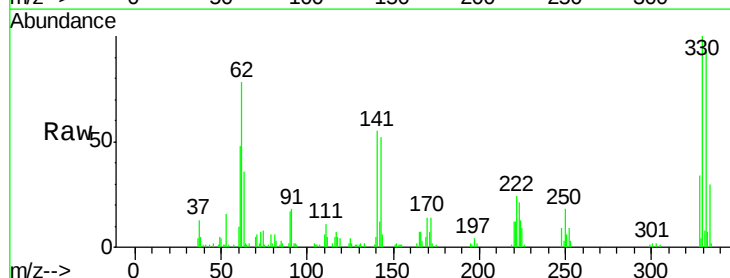


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

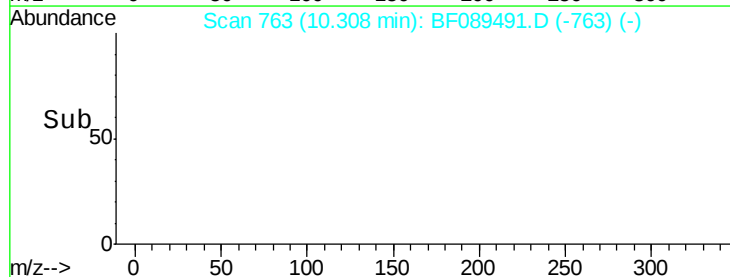
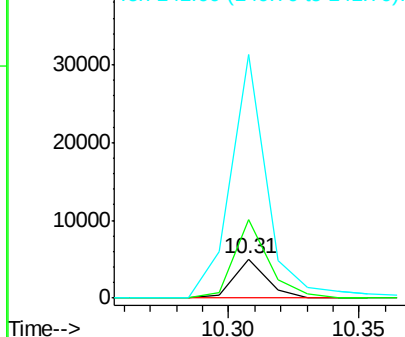


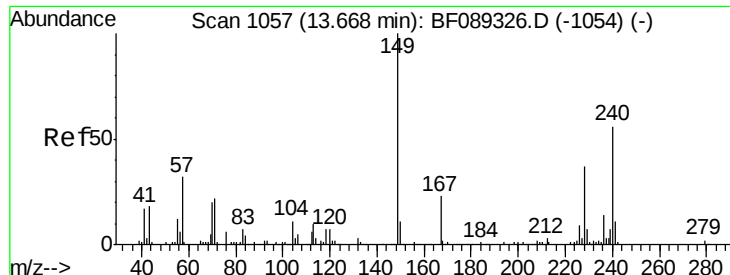
#66
 4-Bromophenyl-phenylether
 Concen: 4.62 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.30 min
 Lab File: BF089491.D
 Acq: 1 Aug 2016 3:02

Tgt Ion:248 Resp: 4522
 Ion Ratio Lower Upper
 248 100
 250 198.4 78.2 117.2#
 141 618.6 62.0 93.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.06 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

Instrument :

BNA_F

ClientSampleId :

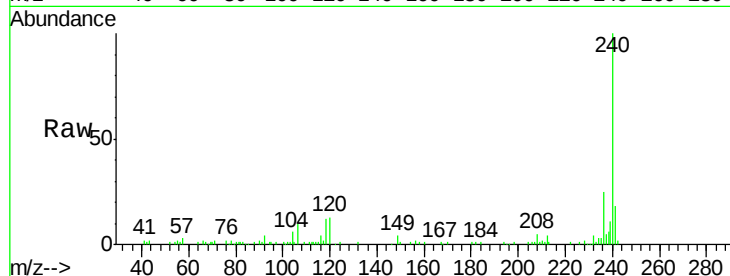
Tot Ion:240 Resp: 101484

Ion Ratio Lower Upper

240 100

120 13.3 9.1 13.7

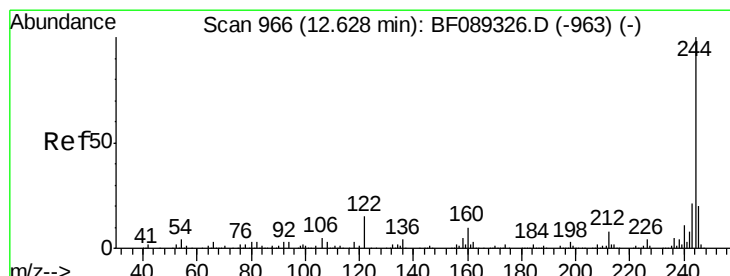
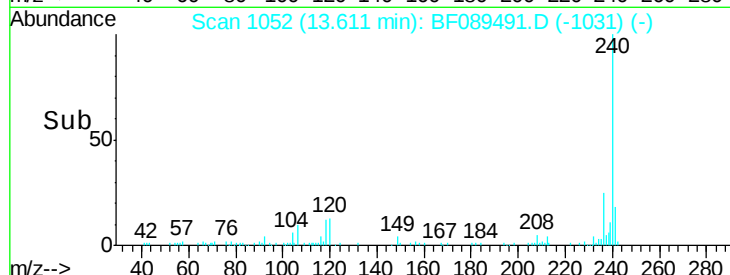
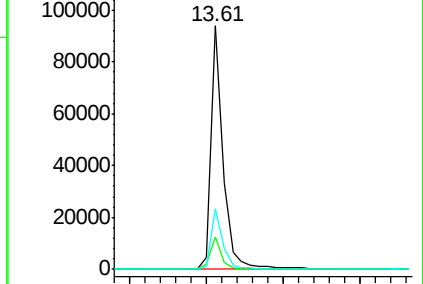
236 24.9 20.6 30.8



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



#78

Terphenyl-d14

Concen: 84.33 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

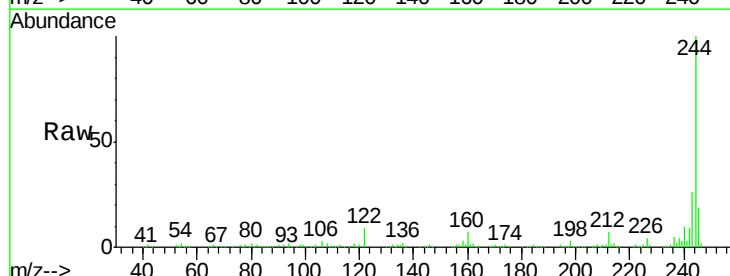
Tgt Ion:244 Resp: 365644

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

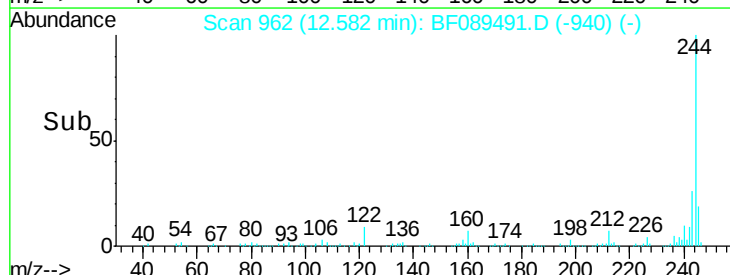
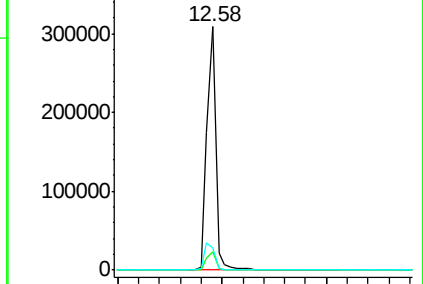
122 8.8 11.4 17.0#

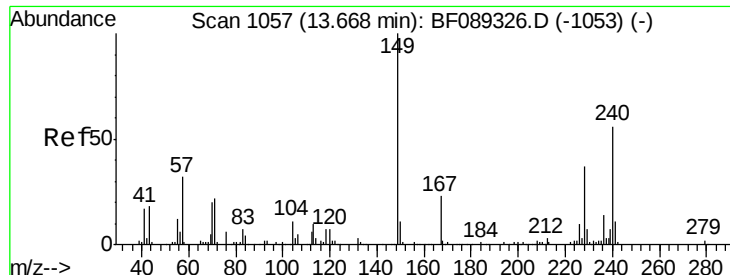


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.66 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

Instrument :

BNA_F

ClientSampleId :

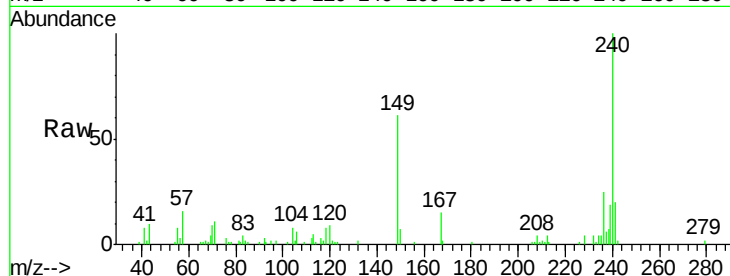
Tot Ion:149 Resp: 18487

Ion Ratio Lower Upper

149 100

167 25.5 18.8 28.2

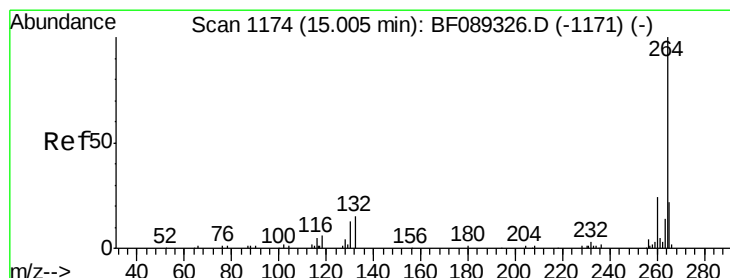
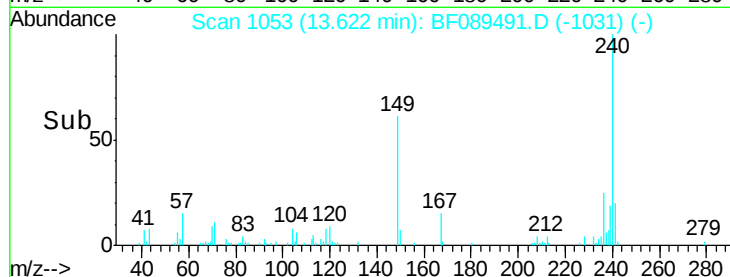
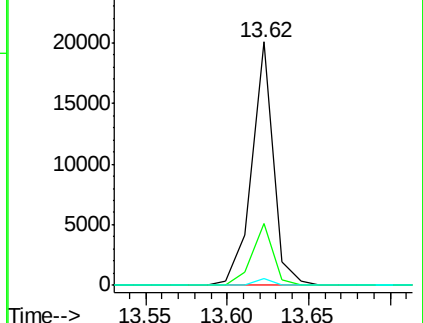
279 2.7 1.4 2.0#



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. -0.06 min

Lab File: BF089491.D

Acq: 1 Aug 2016 3:02

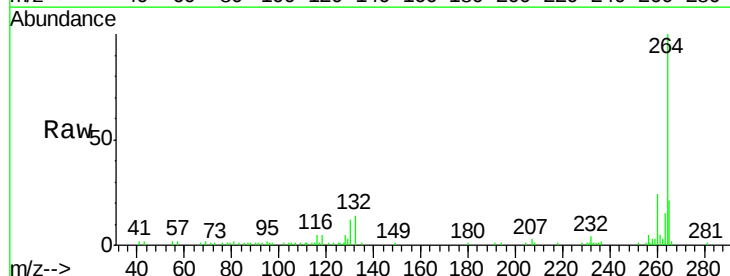
Tgt Ion:264 Resp: 74979

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

