

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093436.D
 Acq On : 8 Mar 2017 18:50
 Operator : SJ/MA
 Sample : PB97449BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BL

Quant Time: Mar 09 00:04:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

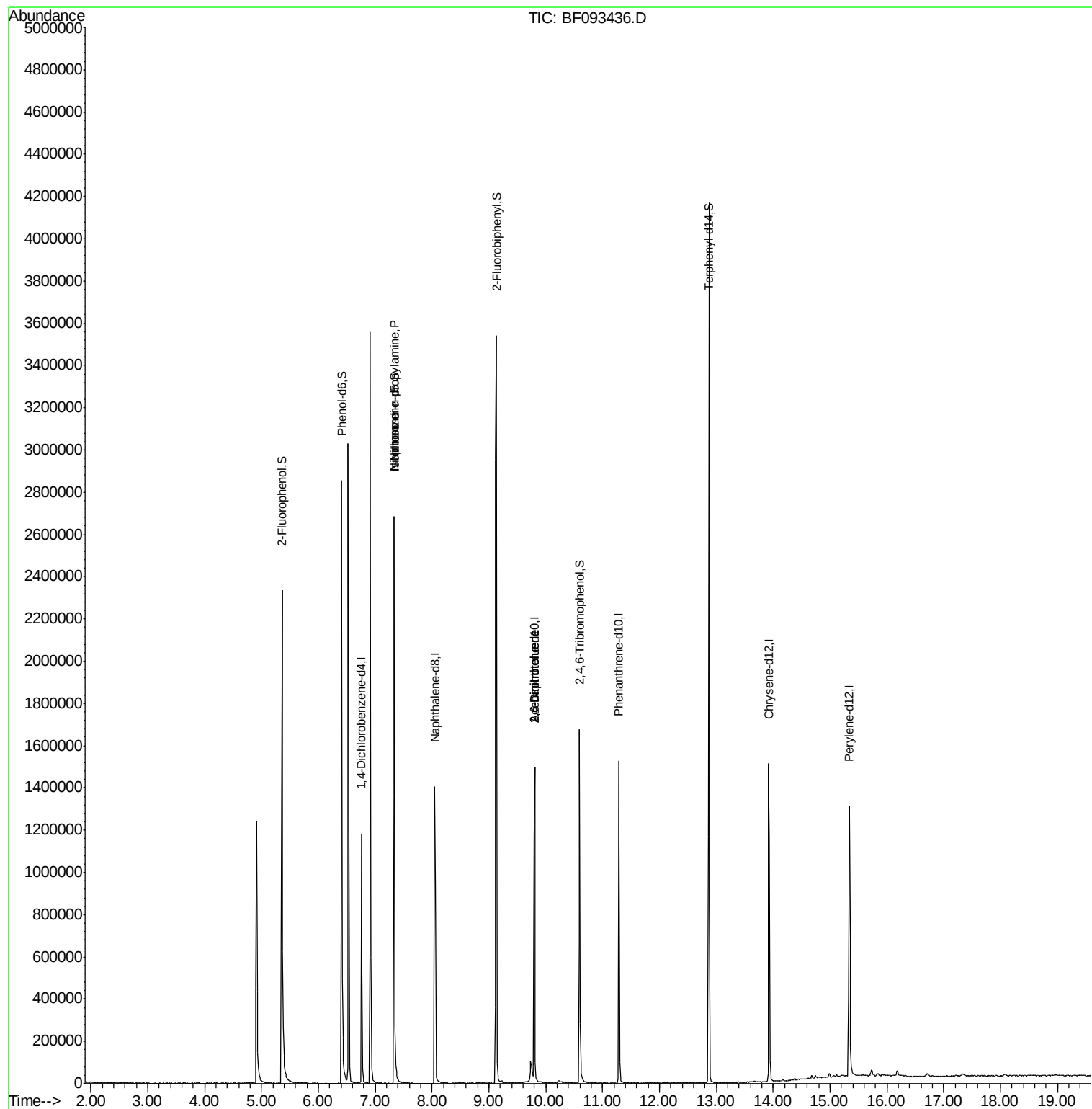
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	214464	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	831640	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	406329	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	791817	20.00	ng	0.00
75) Chrysene-d12	13.92	240	715265	20.00	ng	0.00
86) Perylene-d12	15.34	264	598837	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	900888	69.91	ng	0.01
7) Phenol-d6	6.41	99	1175787	72.36	ng	0.00
23) Nitrobenzene-d5	7.34	82	1065039	71.06	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	208330	78.70	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1650204	75.54	ng	0.00
78) Terphenyl-d14	12.87	244	1367140	49.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	1686	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	142631	12.77 ng	#	77
25) Isophorone	7.34	82	1058949	35.04 ng	#	65
50) 2,6-Dinitrotoluene	9.81	165	51501	8.71 ng	#	31
56) 2,4-Dinitrotoluene	9.81	165	51503	7.09 ng	#	20

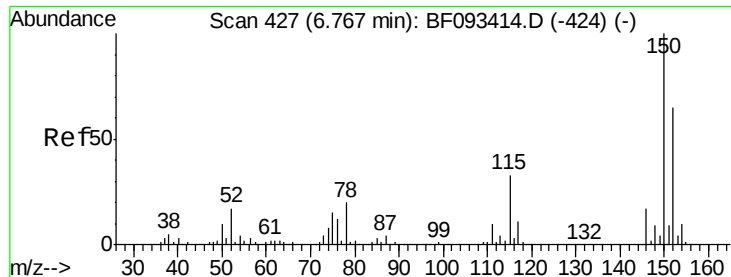
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093436.D

Acq: 8 Mar 2017 18:50

Instrument :

BNA_F

ClientSampleId :

PB97449BL

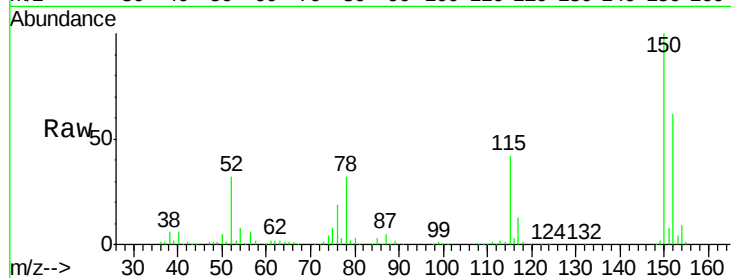
Tgt Ion:152 Resp: 214464

Ion Ratio Lower Upper

152 100

150 160.2 124.9 187.3

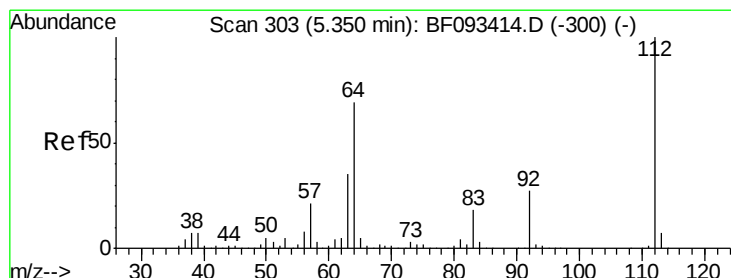
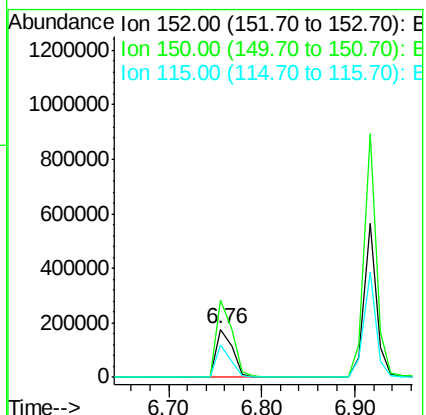
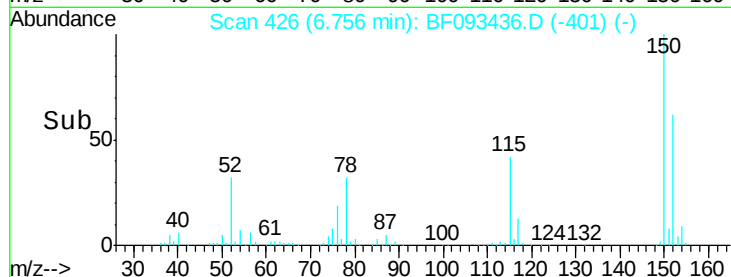
115 67.5 46.0 69.0



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: 69.91 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093436.D

Acq: 8 Mar 2017 18:50

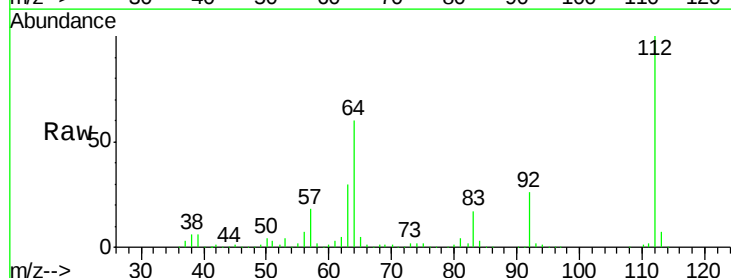
Tgt Ion:112 Resp: 900888

Ion Ratio Lower Upper

112 100

64 59.7 46.1 69.1

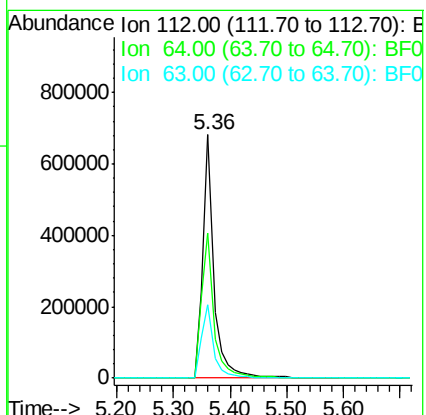
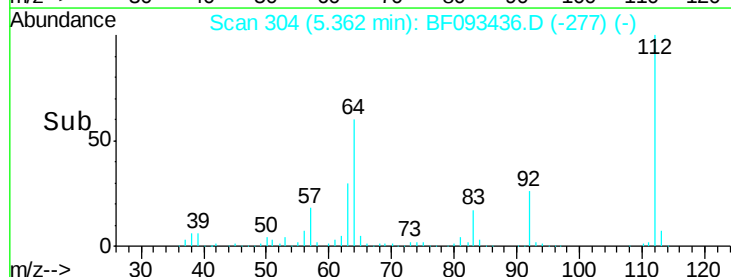
63 30.2 23.8 35.6

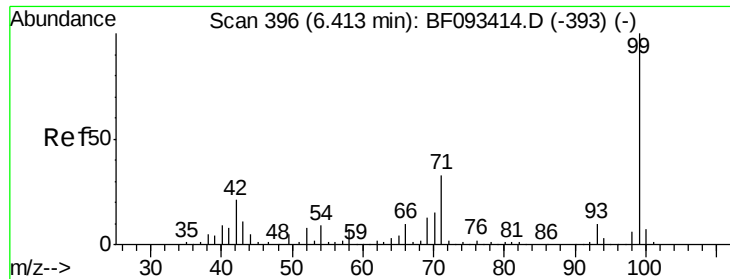


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 72.36 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093436.D

Acq: 8 Mar 2017 18:50

Instrument :

BNA_F

ClientSampled :

PB97449BL

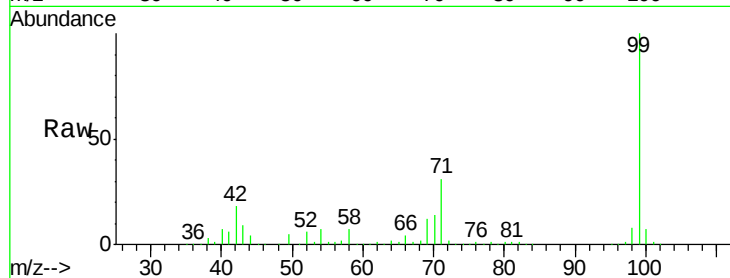
Tgt Ion: 99 Resp: 1175787

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

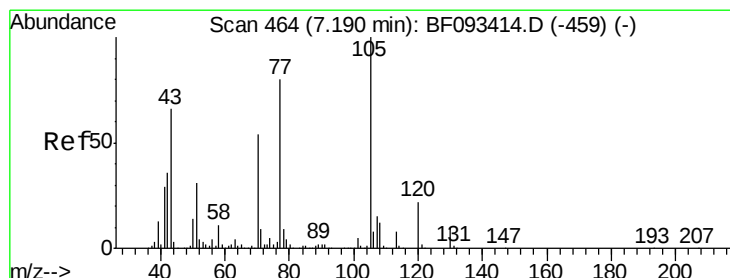
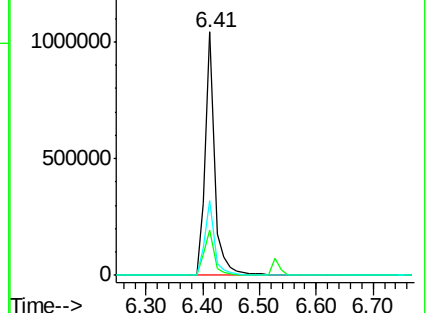
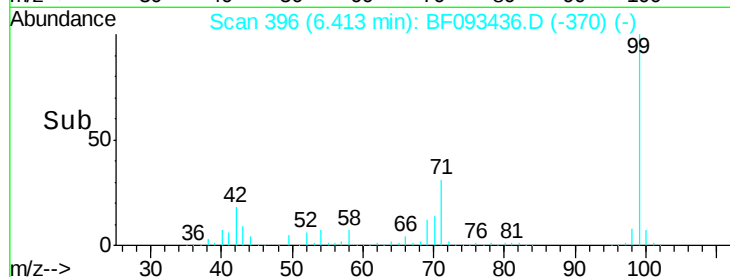
71 30.7 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.77 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093436.D

Acq: 8 Mar 2017 18:50

Tgt Ion: 70 Resp: 142631

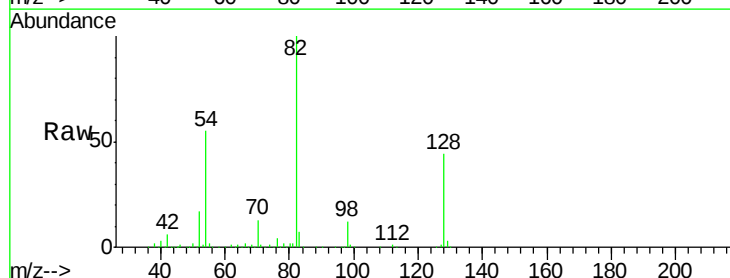
Ion Ratio Lower Upper

70 100

42 47.6 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

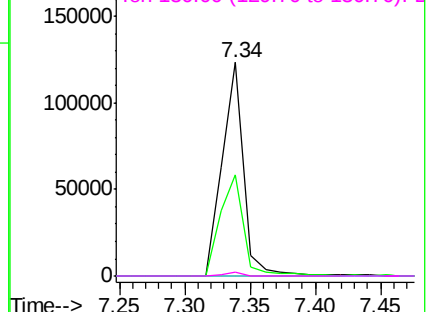
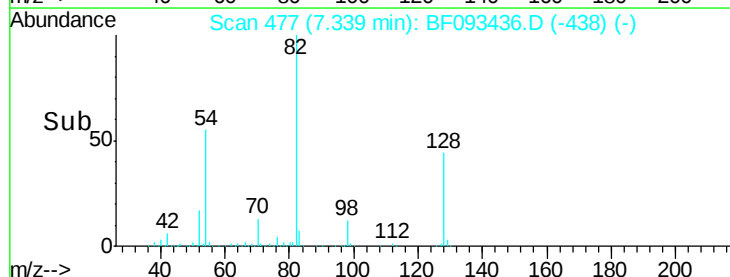


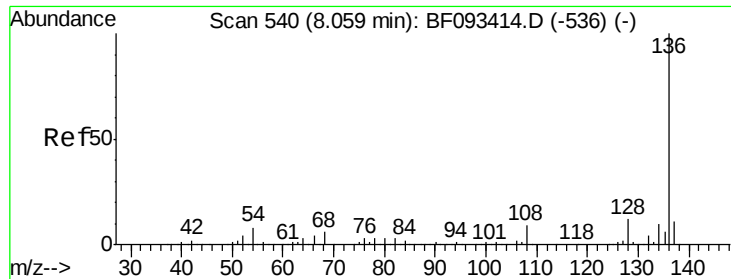
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

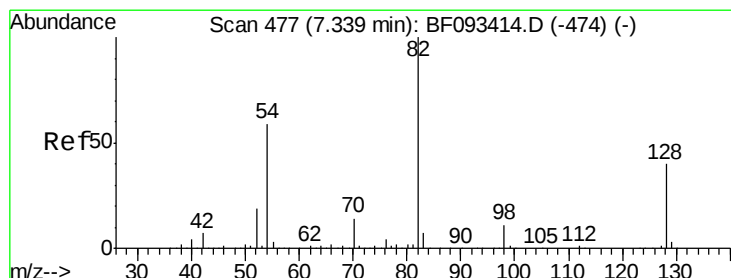
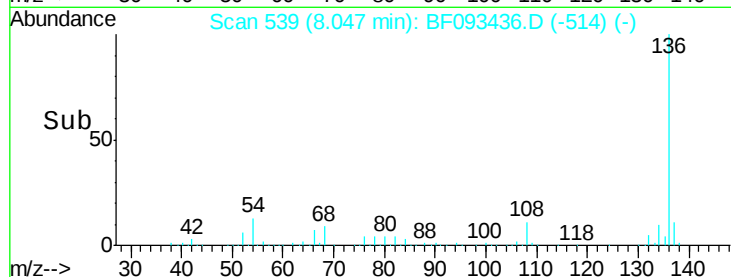
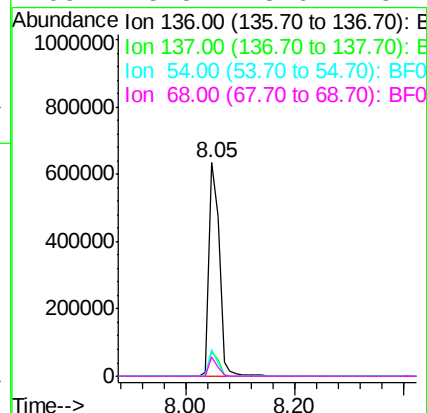
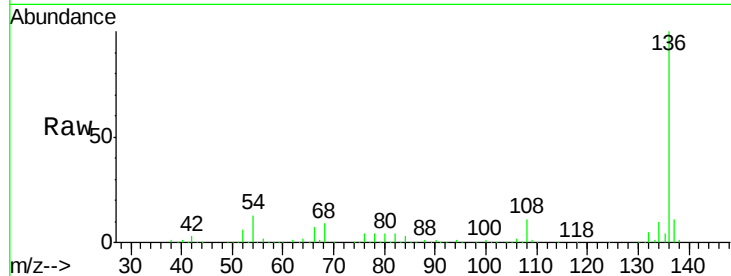




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093436.D
Acq: 8 Mar 2017 18:50

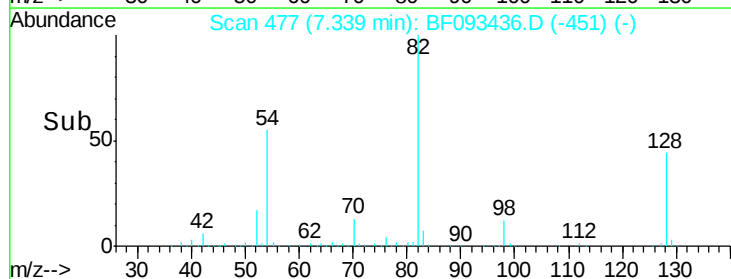
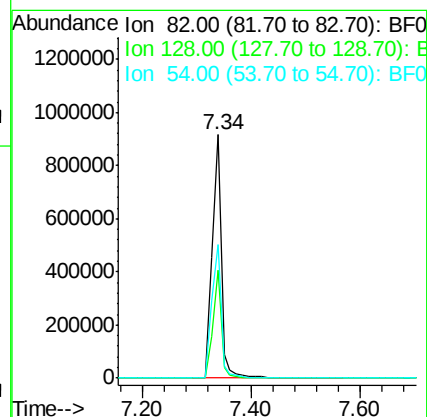
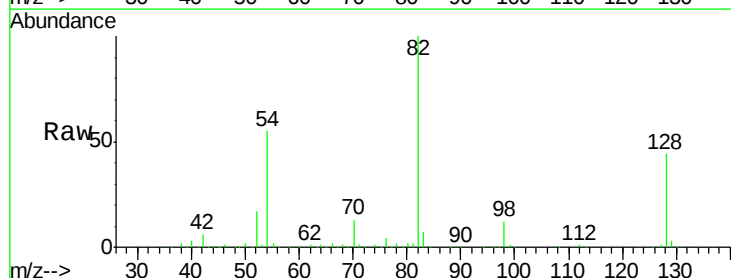
Instrument :
BNA_F
ClientSampleId :
PB97449BL

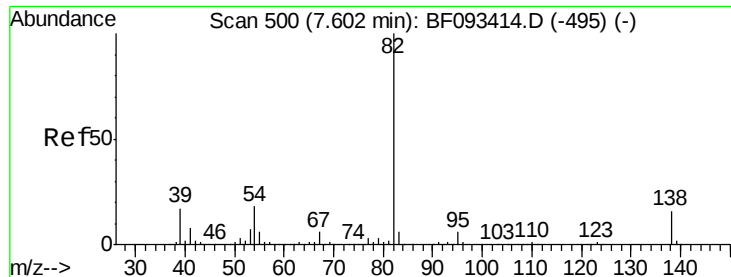
Tgt Ion:	136	Resp:	831640
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	12.9	4.5	6.7#
68	8.8	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 71.06 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093436.D
Acq: 8 Mar 2017 18:50

Tgt Ion:	82	Resp:	1065039
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	52.0
54	54.7	39.5	59.3





#25

Isophorone

Concen: 35.04 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093436.D

Acq: 8 Mar 2017 18:50

Instrument :

BNA_F

ClientSampleId :

PB97449BL

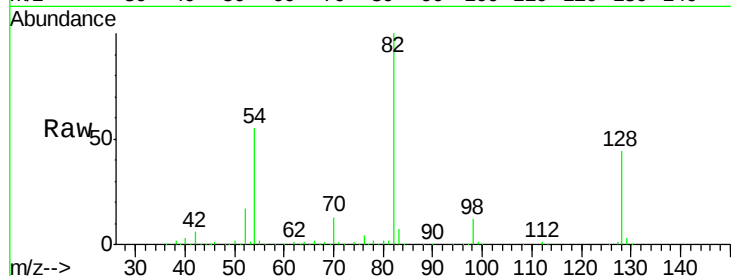
Tgt Ion: 82 Resp: 1058949

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

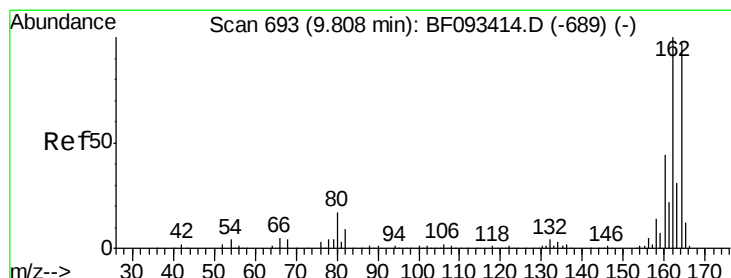
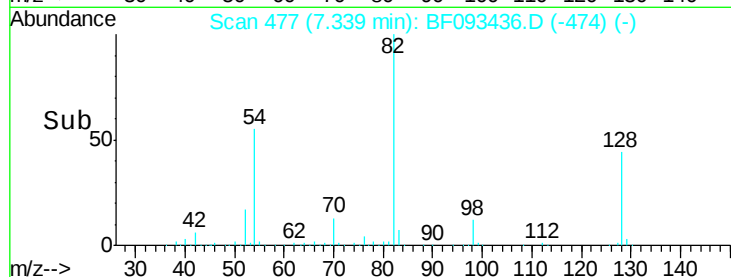
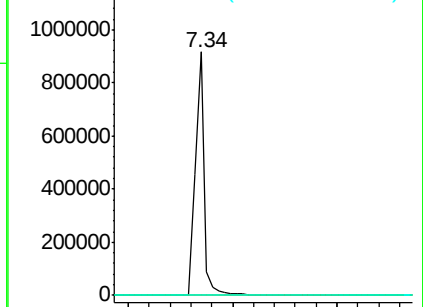
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093436.D

Acq: 8 Mar 2017 18:50

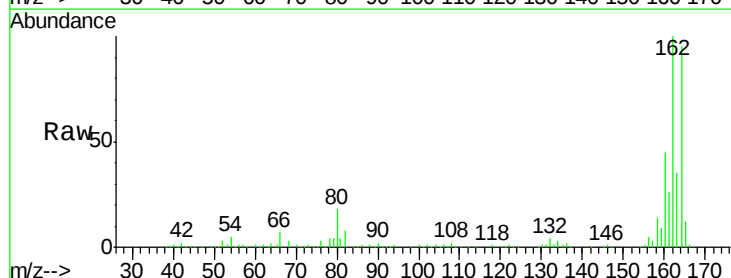
Tgt Ion: 164 Resp: 406329

Ion Ratio Lower Upper

164 100

162 105.5 80.2 120.2

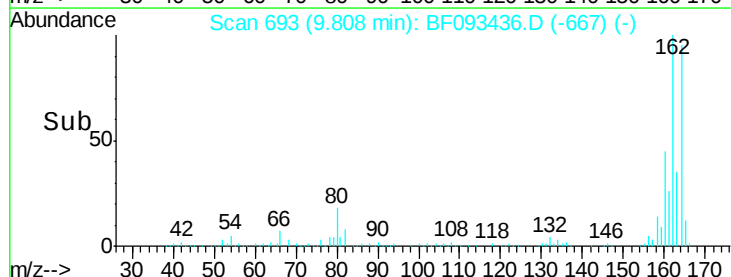
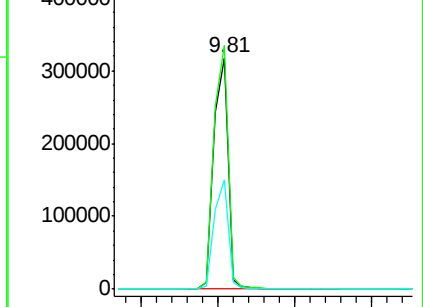
160 47.2 36.9 55.3

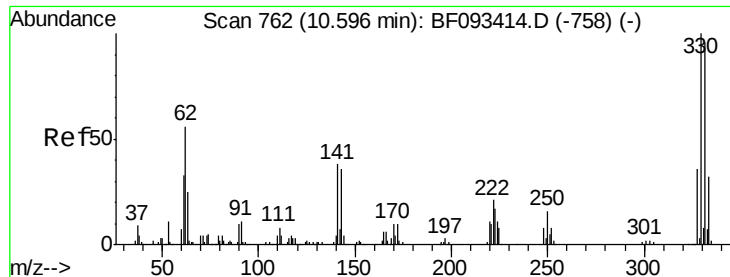


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

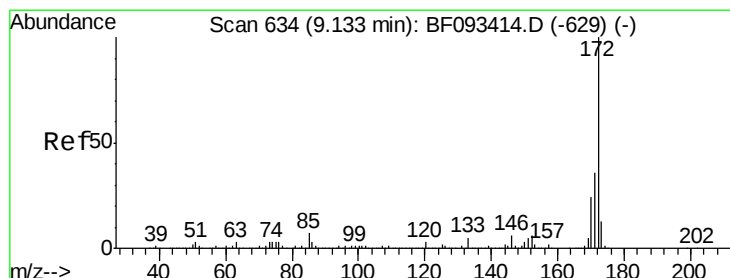
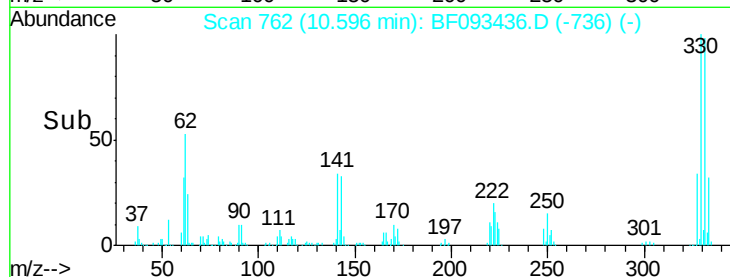
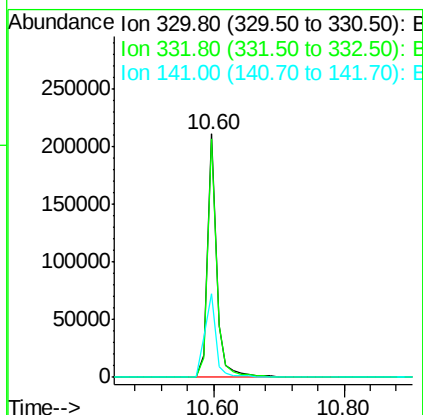
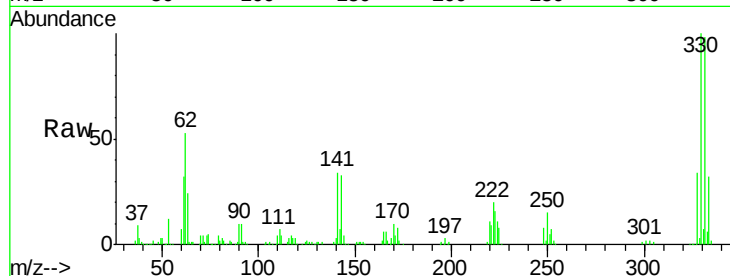




#41
 2,4,6-Tribromophenol
 Concen: 78.70 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093436.D
 Acq: 8 Mar 2017 18:50

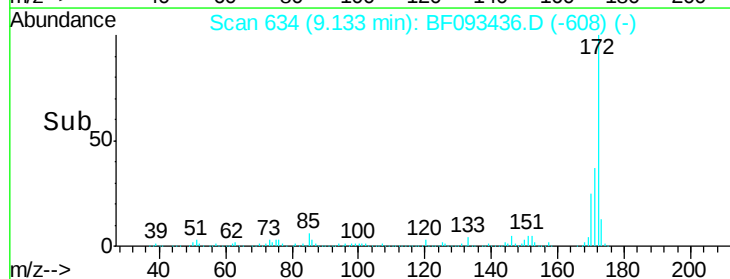
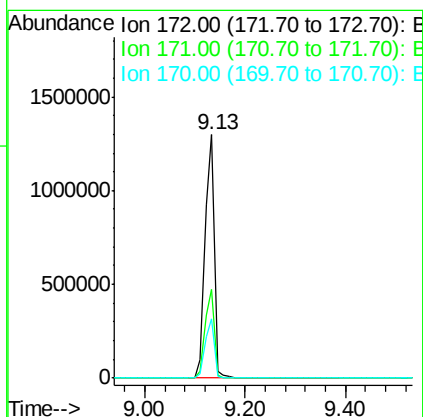
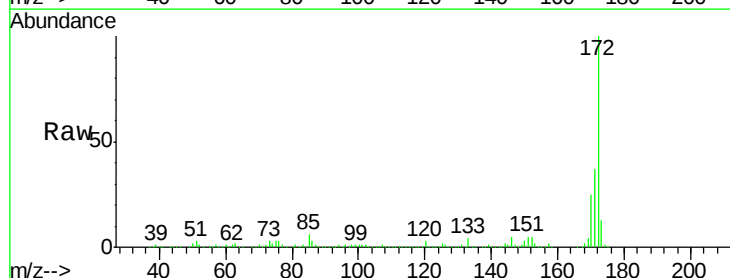
Instrument :
 BNA_F
 ClientSampled :
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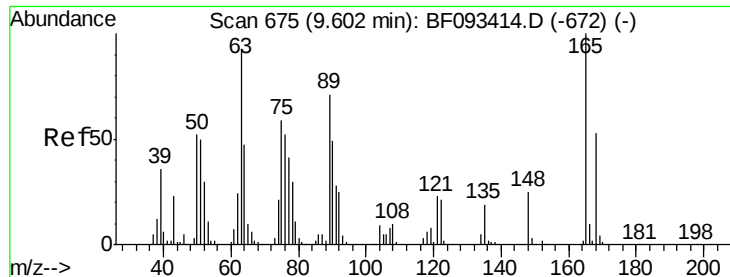
Tgt Ion:330 Resp: 208330
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 41.9 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 75.54 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093436.D
 Acq: 8 Mar 2017 18:50

Tgt Ion:172 Resp: 1650204
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 20.2 30.4

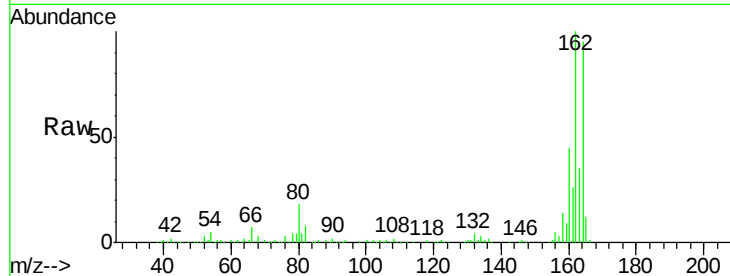




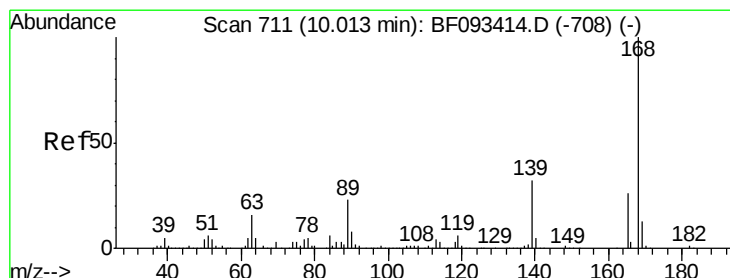
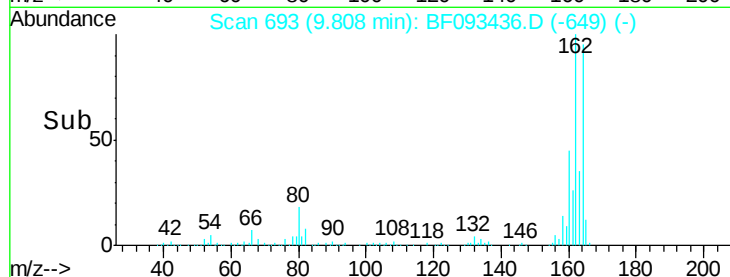
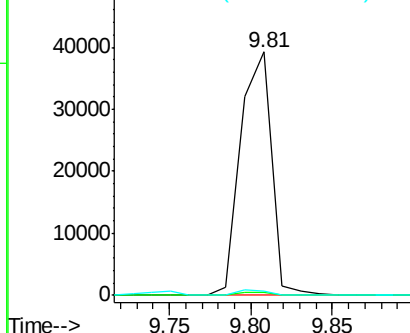
#50
 2,6-Dinitrotoluene
 Concen: 8.71 ng
 RT: 9.81 min Scan# 693
 Delta R.T. 0.21 min
 Lab File: BF093436.D
 Acq: 8 Mar 2017 18:50

Instrument :
 BNA_F
 ClientSampleID :
 PB97449BL

Tgt Ion:165 Resp: 51501
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.2 54.4#
 89 1.8 40.2 60.4#



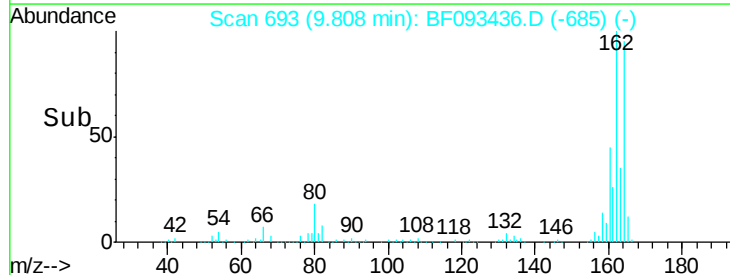
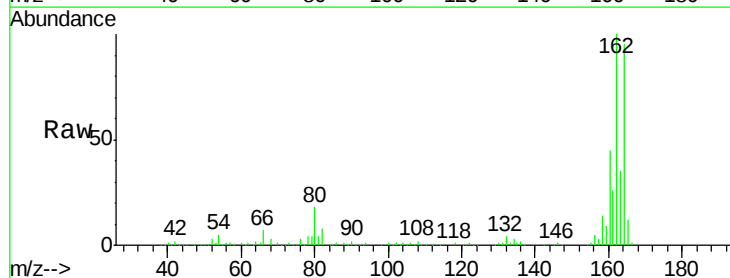
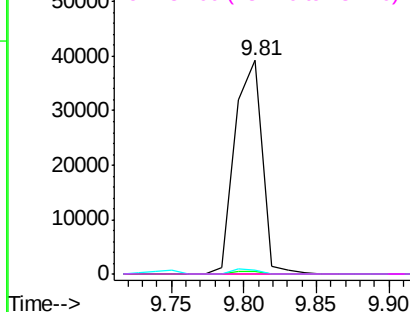
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

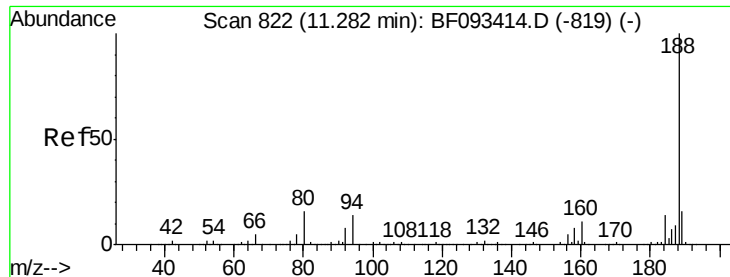


#56
 2,4-Dinitrotoluene
 Concen: 7.09 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.21 min
 Lab File: BF093436.D
 Acq: 8 Mar 2017 18:50

Tgt Ion:165 Resp: 51503
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.2 60.4#
 89 1.8 62.5 93.7#
 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

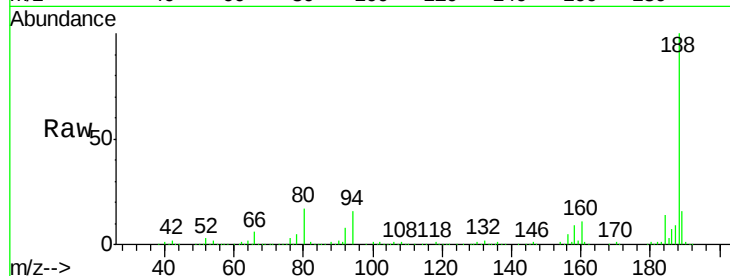




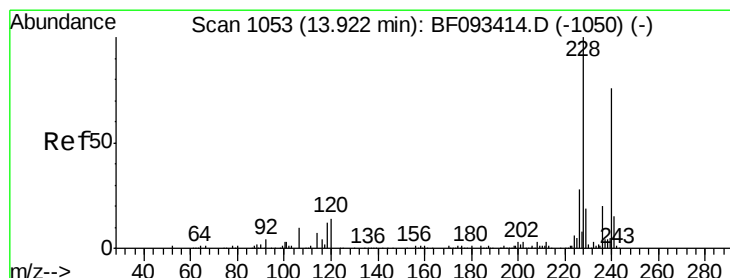
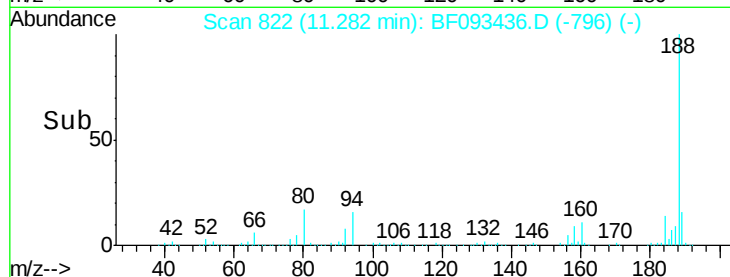
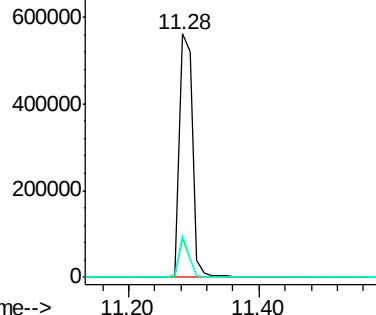
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093436.D
Acq: 8 Mar 2017 18:50

Instrument :
BNA_F
ClientSampleId :
PB97449BL

Tgt Ion:188 Resp: 791817
Ion Ratio Lower Upper
188 100
94 15.8 10.0 15.0#
80 17.3 11.2 16.8#

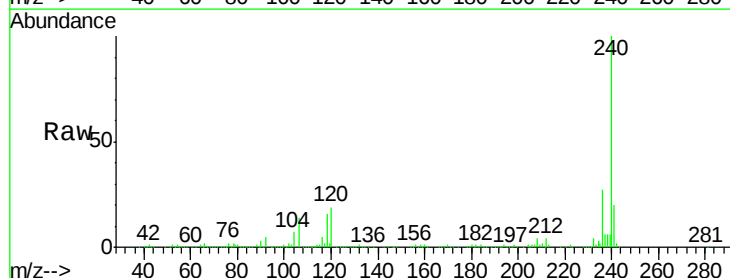


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

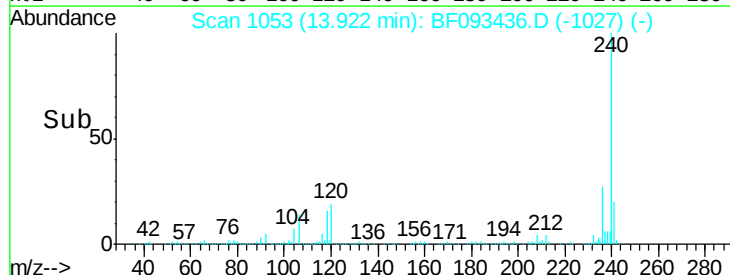
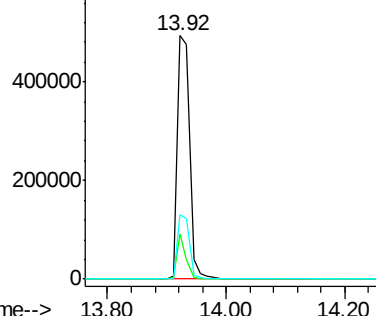


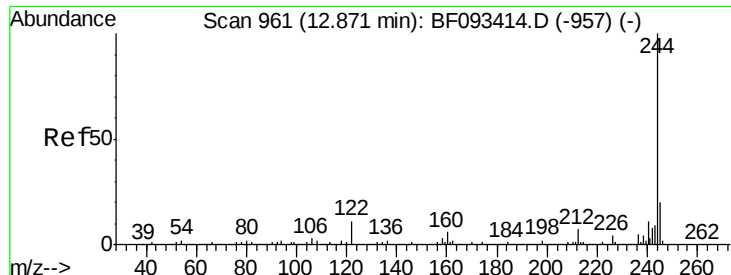
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF093436.D
Acq: 8 Mar 2017 18:50

Tgt Ion:240 Resp: 715265
Ion Ratio Lower Upper
240 100
120 18.8 12.9 19.3
236 26.6 20.9 31.3



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

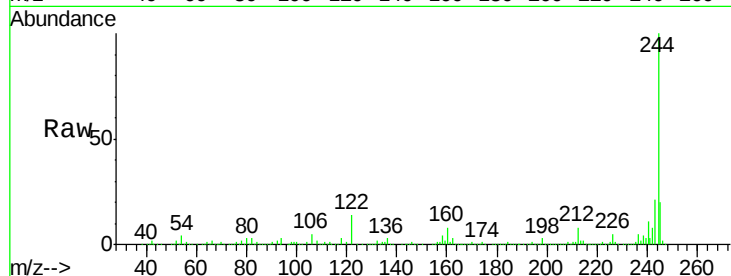




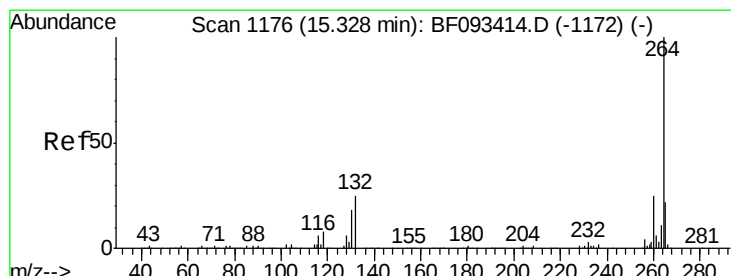
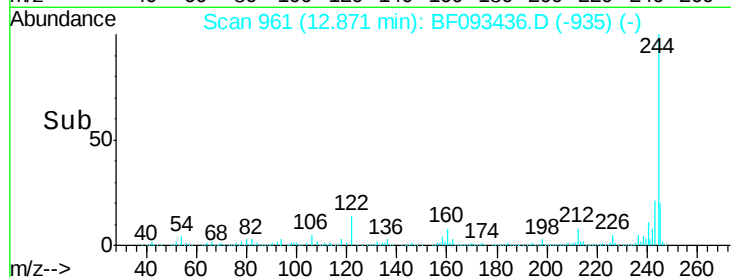
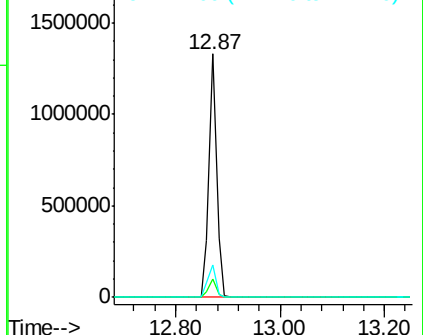
#78
 Terphenyl-d14
 Concen: 49.69 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093436.D
 Acq: 8 Mar 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BL

Tgt Ion:244 Resp: 1367140
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.5 11.4 17.2

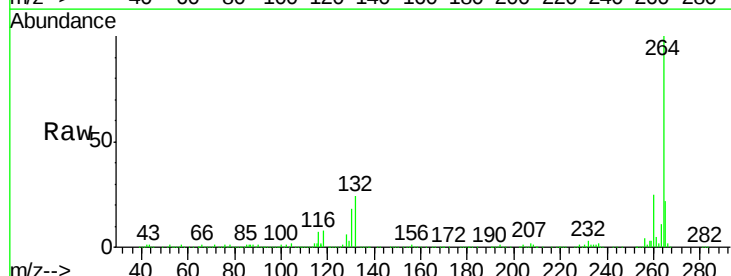


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF093436.D
 Acq: 8 Mar 2017 18:50

Tgt Ion:264 Resp: 598837
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 22.0 17.4 26.0



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

