

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093468.D
 Acq On : 9 Mar 2017 10:49
 Operator : SJ/MA
 Sample : I2127-29
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 11:43:30 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

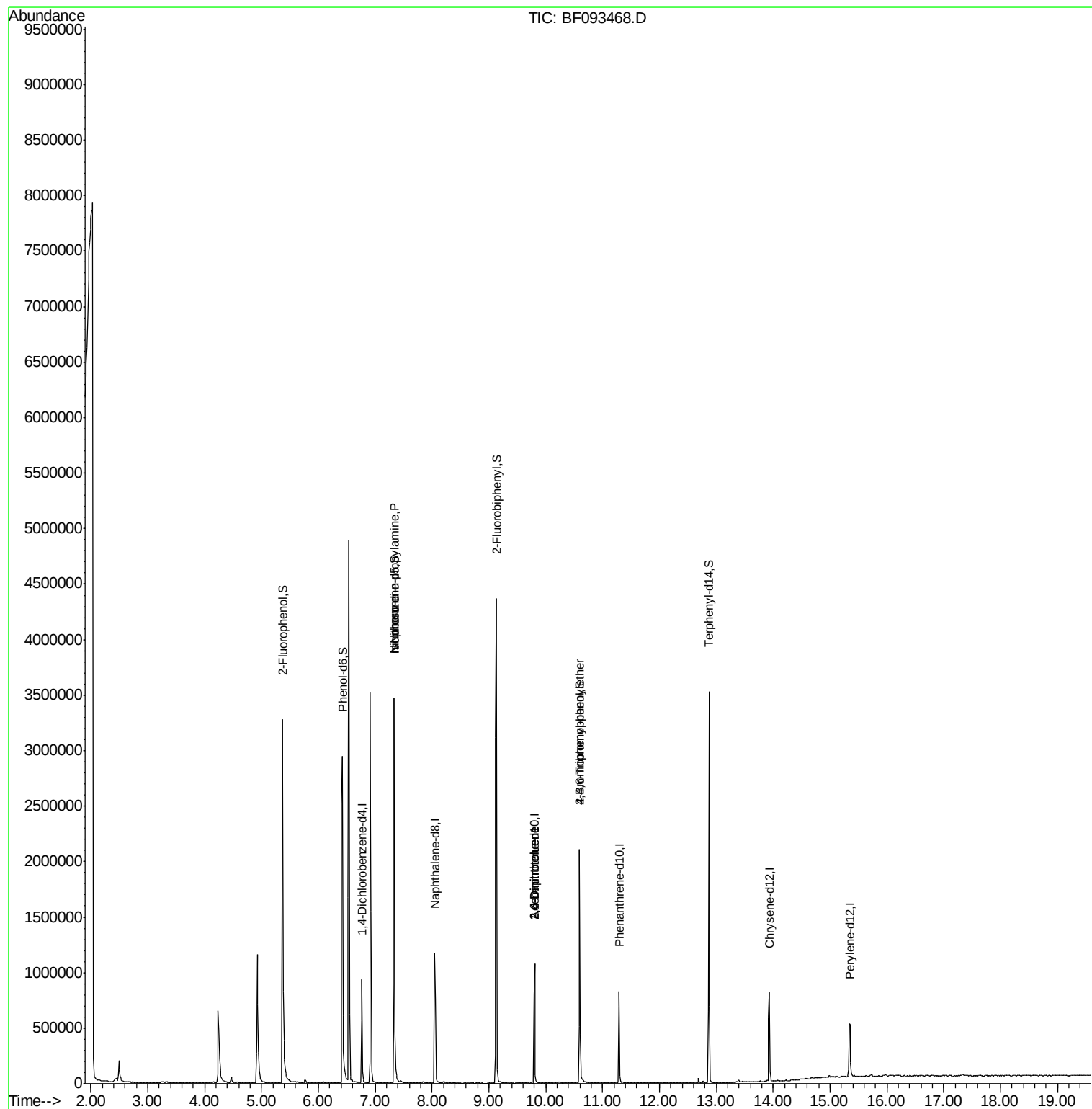
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	181214	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	689582	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	289506	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	438552	20.00	ng	0.01
75) Chrysene-d12	13.93	240	374957	20.00	ng	0.01
86) Perylene-d12	15.35	264	277826	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1439742	132.23	ng	0.02
7) Phenol-d6	6.42	99	1689986	123.08	ng	0.01
23) Nitrobenzene-d5	7.34	82	1184950	95.34	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	232450	123.24	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1866521	119.92	ng	0.00
78) Terphenyl-d14	12.87	244	1071130	74.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	1825	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	159957	16.95	ng	83
25) Isophorone	7.34	82	1184919	47.28	ng	65
50) 2,6-Dinitrotoluene	9.81	165	36657	8.70	ng	31
56) 2,4-Dinitrotoluene	9.81	165	36659	7.09	ng	20
66) 4-Bromophenyl-phenylether	10.60	248	18165	3.92	ng	1

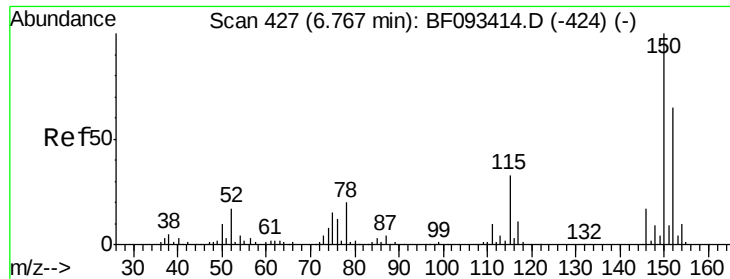
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093468.D
Acq On : 9 Mar 2017 10:49
Operator : SJ/MA
Sample : I2127-29
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 09 11:43:30 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



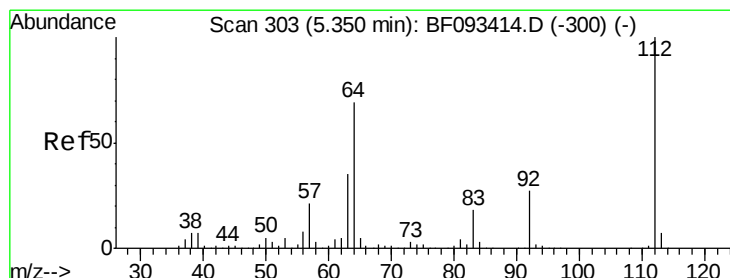
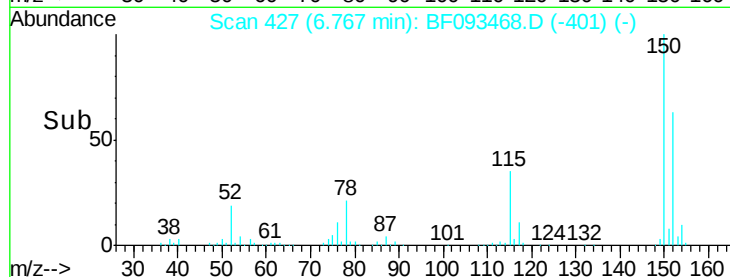
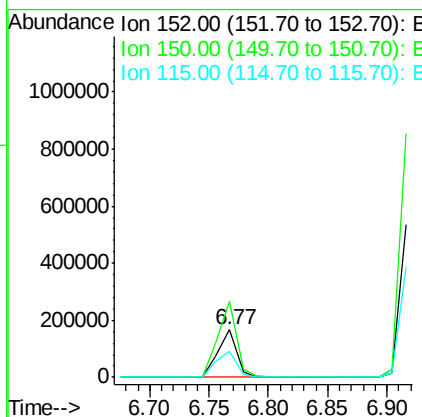
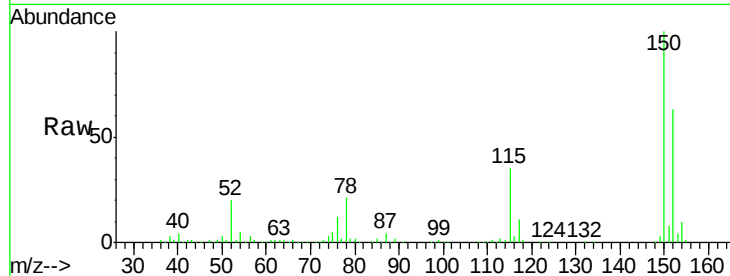


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093468.D
Acq: 9 Mar 2017 10:49

Instrument :
BNA_F
ClientSampleId :

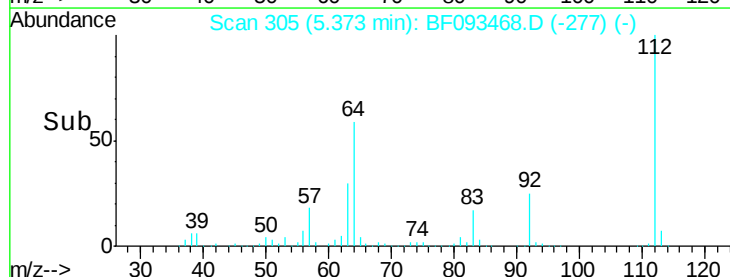
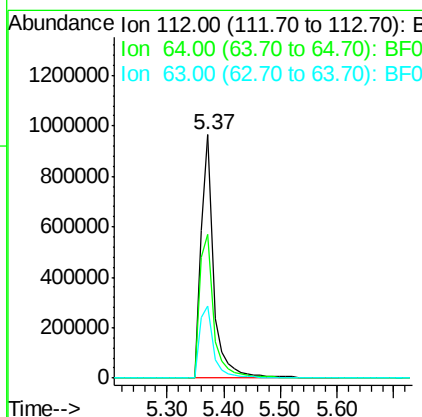
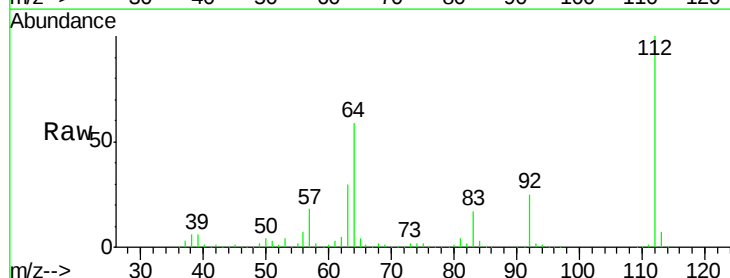
Tot Ion:152 Resp: 181214
Ion Ratio Lower Upper
152 100
150 158.6 124.9 187.3
115 55.3 46.0 69.0

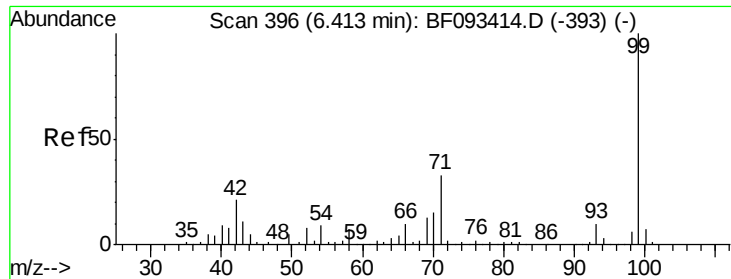


#5

2-Fluorophenol
Concen: 132.23 ng
RT: 5.37 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF093468.D
Acq: 9 Mar 2017 10:49

Tgt Ion:112 Resp: 1439742
Ion Ratio Lower Upper
112 100
64 58.8 46.1 69.1
63 29.7 23.8 35.6





#7

Phenol-d6

Concen: 123.08 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093468.D

Acq: 9 Mar 2017 10:49

Instrument :

BNA_F

ClientSampled :

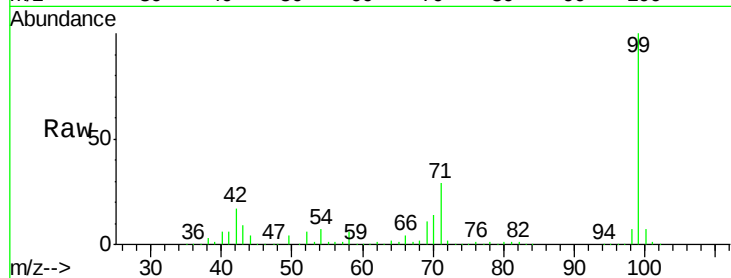
Tot Ion: 99 Resp: 1689986

Ion Ratio Lower Upper

99 100

42 16.6 15.6 23.4

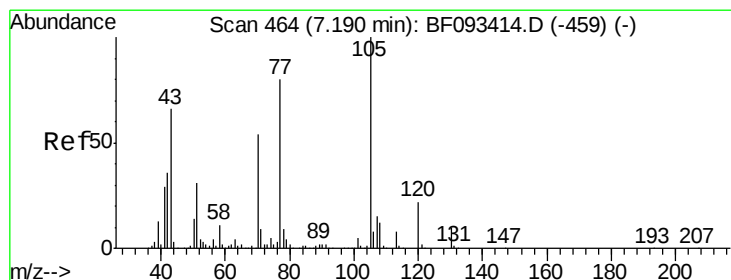
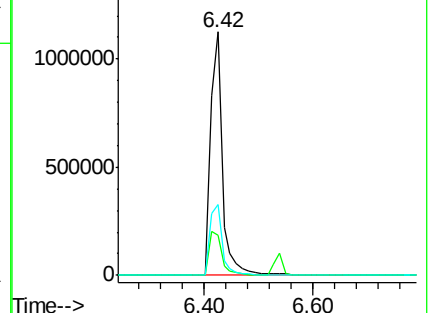
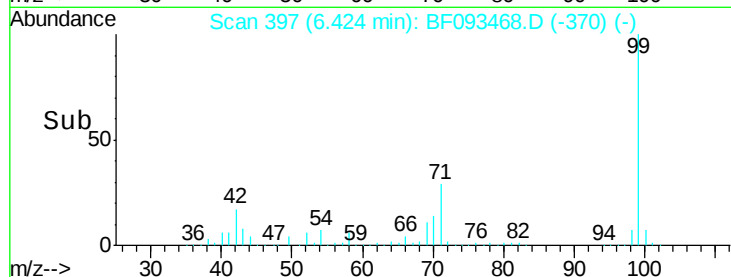
71 29.0 27.5 41.3



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: 16.95 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093468.D

Acq: 9 Mar 2017 10:49

Tgt Ion: 70 Resp: 159957

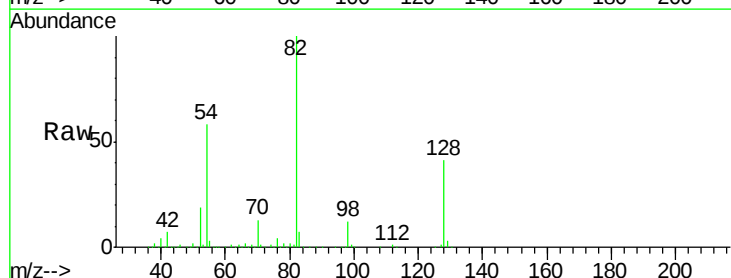
Ion Ratio Lower Upper

70 100

42 53.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

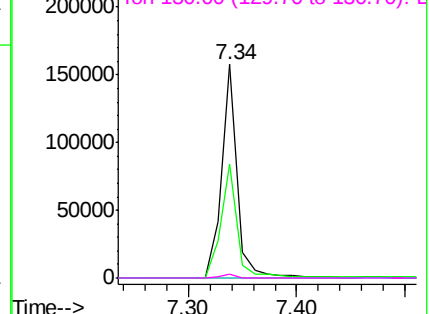
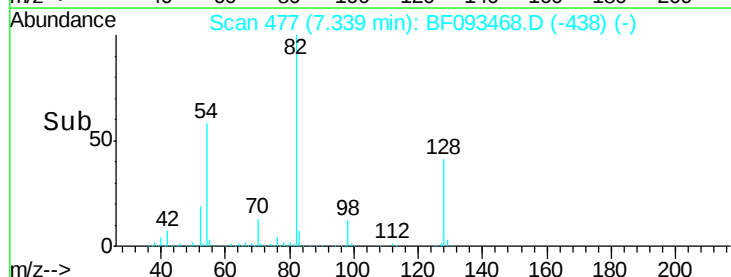


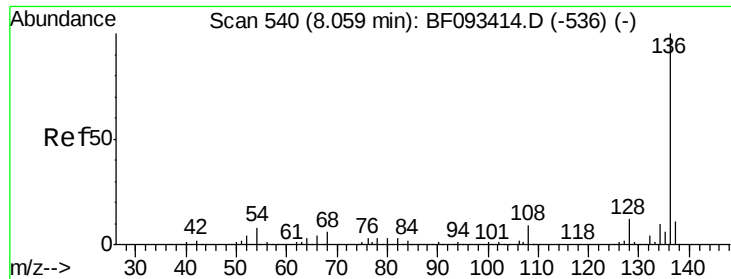
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

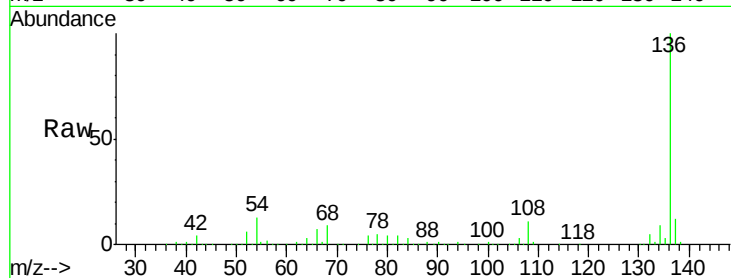




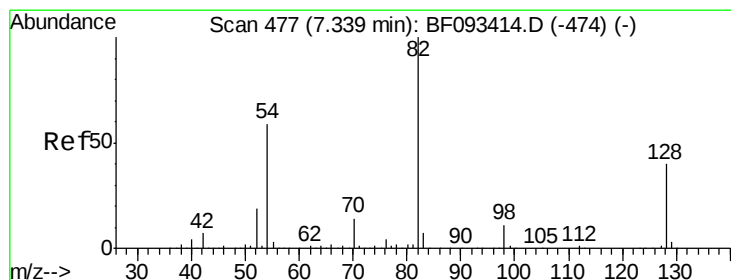
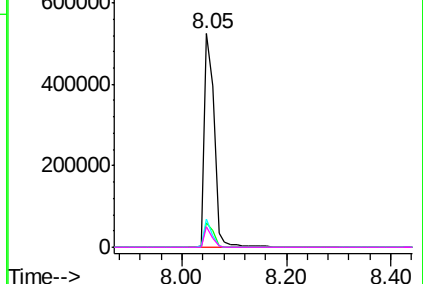
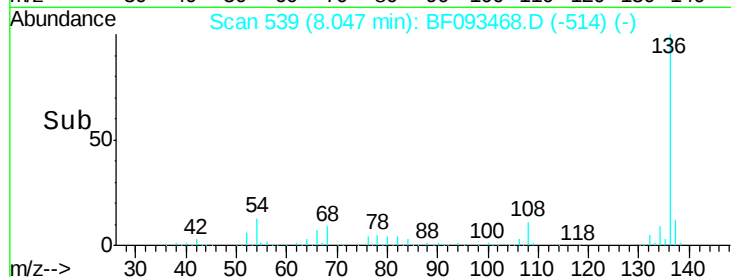
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093468.D
Acq: 9 Mar 2017 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 689582
Ion Ratio	Lower Upper
136 100	
137 11.6	8.4 12.6
54 13.2	4.5 6.7#
68 9.4	3.6 5.4#

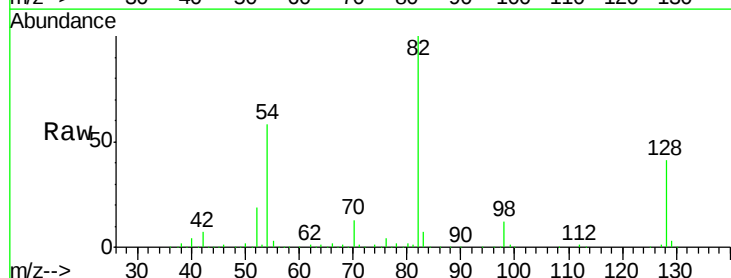


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

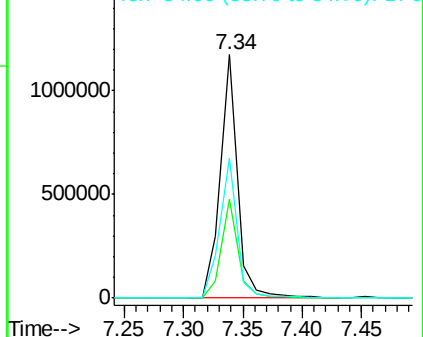
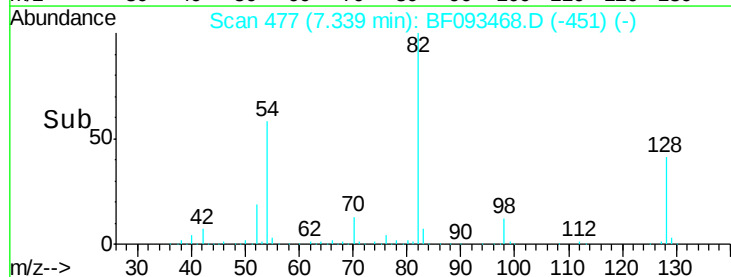


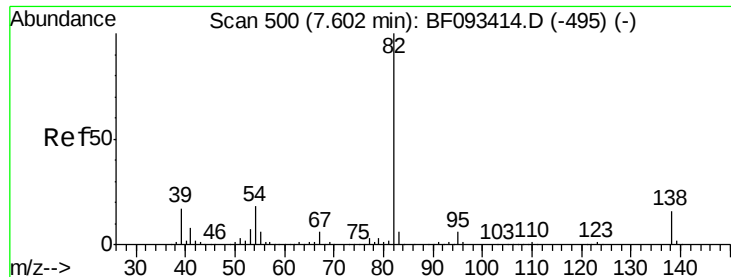
#23
Nitrobenzene-d5
Concen: 95.34 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093468.D
Acq: 9 Mar 2017 10:49

Tgt Ion: 82	Resp: 1184950
Ion Ratio	Lower Upper
82 100	
128 40.8	34.6 52.0
54 57.5	39.5 59.3



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





#25

Isophorone

Concen: 47.28 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093468.D

Acq: 9 Mar 2017 10:49

Instrument :

BNA_F

ClientSampleId :

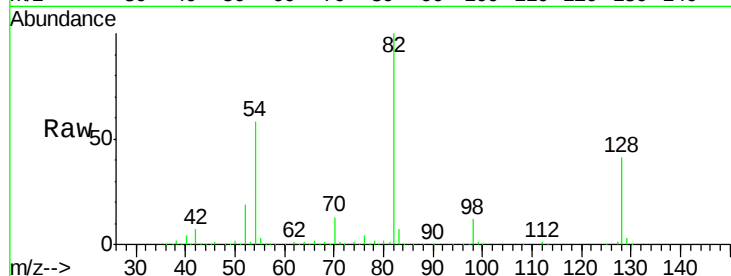
Tot Ion: 82 Resp: 1184919

Ion Ratio Lower Upper

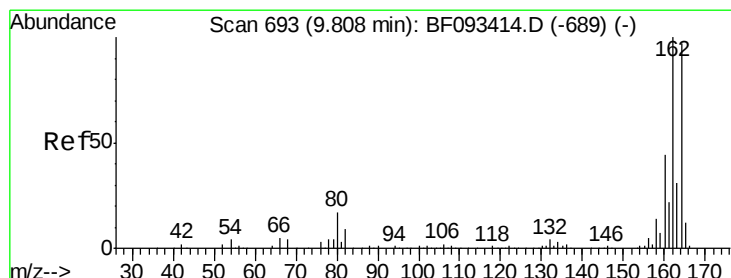
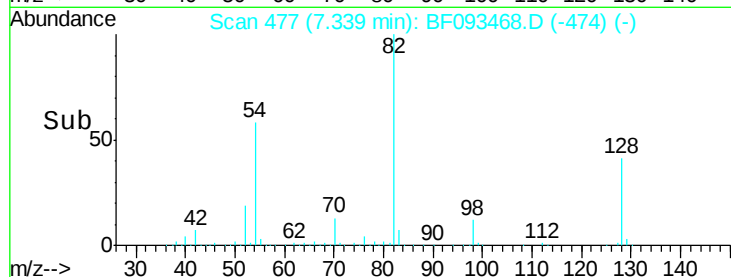
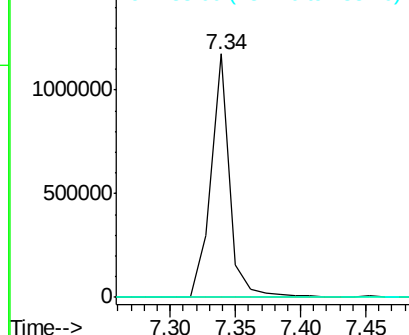
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093468.D

Acq: 9 Mar 2017 10:49

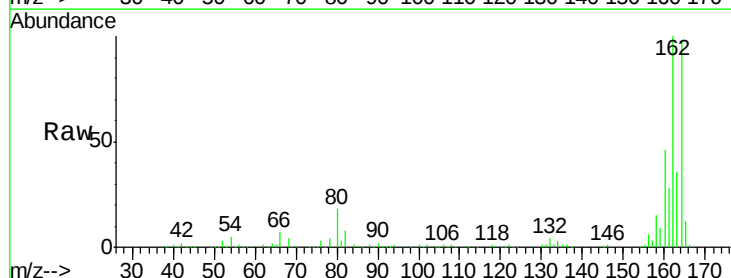
Tgt Ion: 164 Resp: 289506

Ion Ratio Lower Upper

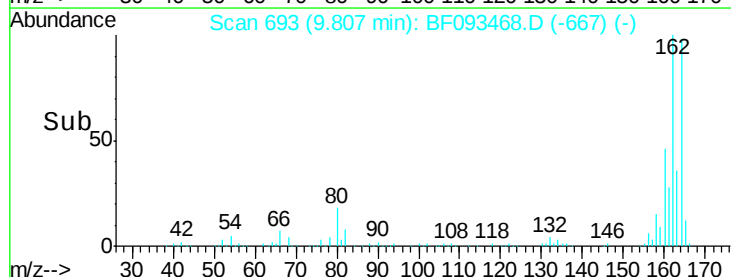
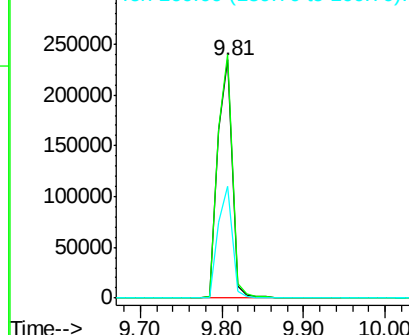
164 100

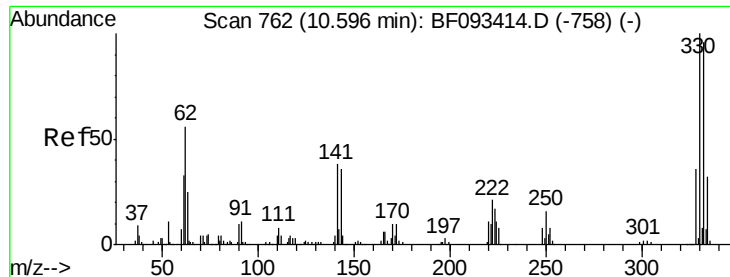
162 102.2 80.2 120.2

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

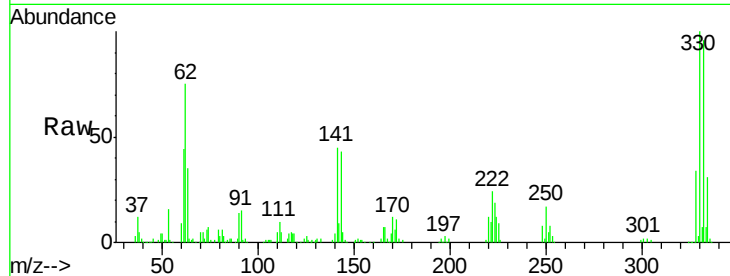




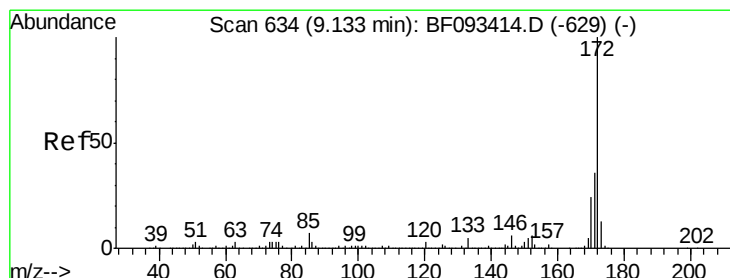
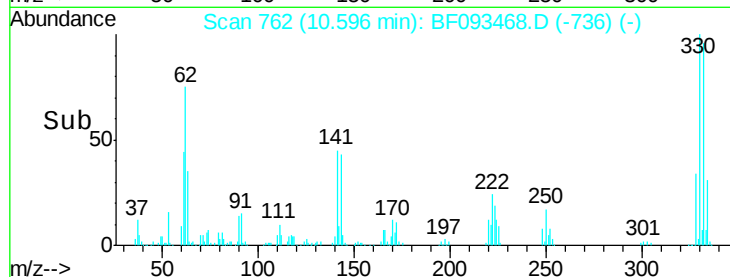
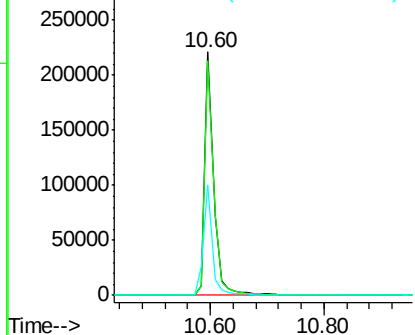
#41
 2,4,6-Tribromophenol
 Concen: 123.24 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093468.D
 Acq: 9 Mar 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	45.7	34.1	51.1

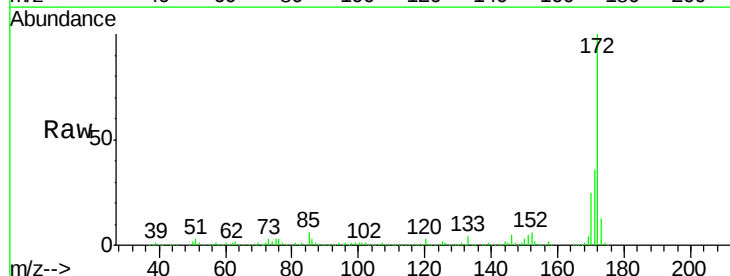


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

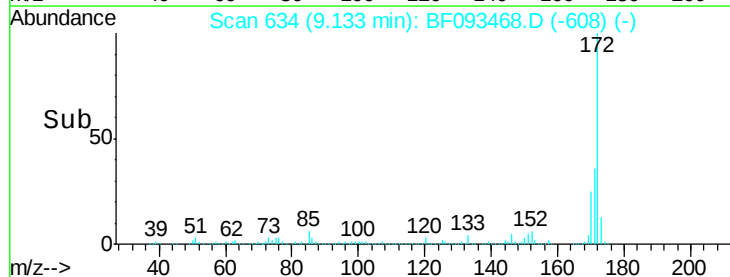
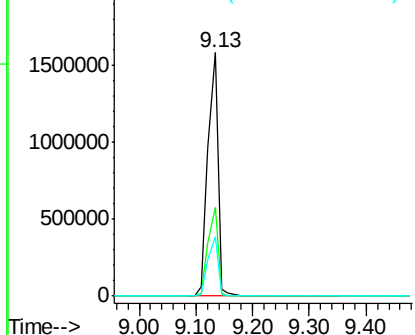


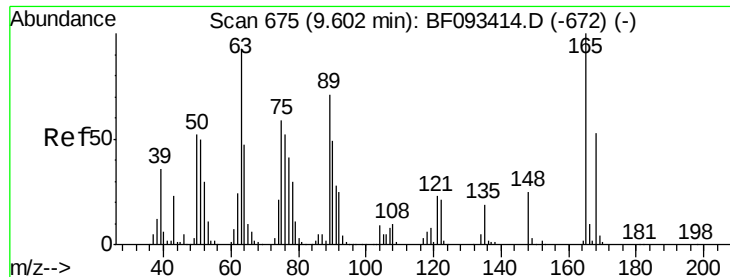
#44
 2-Fluorobiphenyl
 Concen: 119.92 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093468.D
 Acq: 9 Mar 2017 10:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.5	20.2	30.4



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

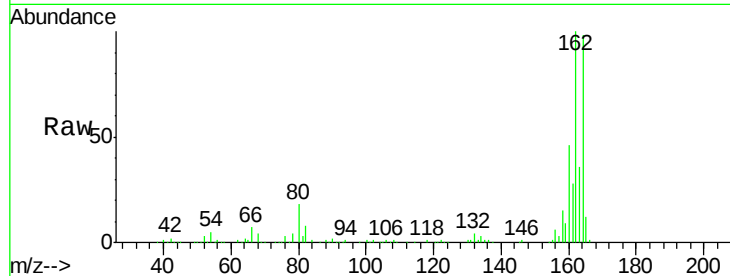




#50
 2,6-Dinitrotoluene
 Concen: 8.70 ng
 RT: 9.81 min Scan# 693
 Delta R.T. 0.21 min
 Lab File: BF093468.D
 Acq: 9 Mar 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :

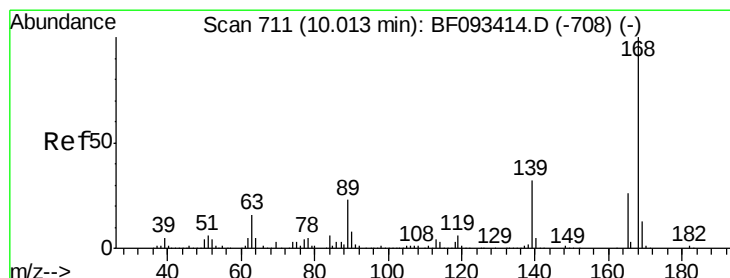
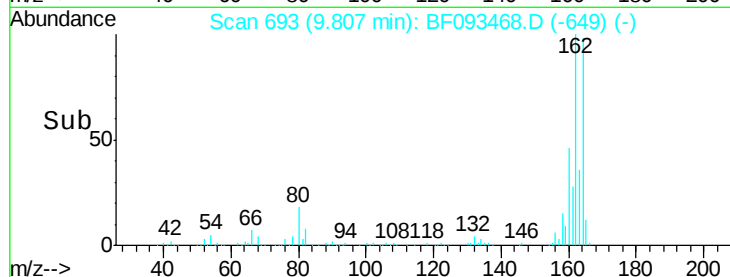
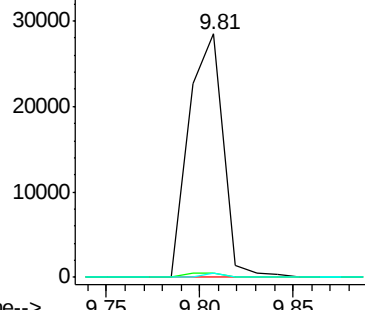
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.2	54.4#
89	1.6	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

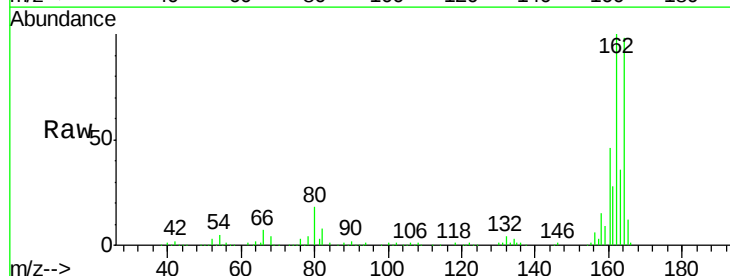
Ion 63.00 (62.70 to 63.70): BF0

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: BF093468.D
 Acq: 9 Mar 2017 10:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	1.6	62.5	93.7#
182	0.0	1.8	2.8#

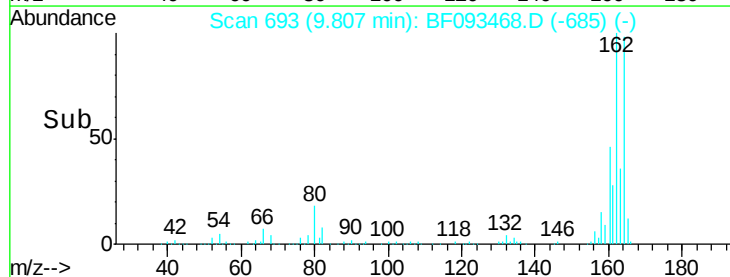
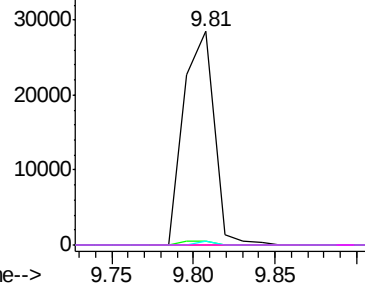


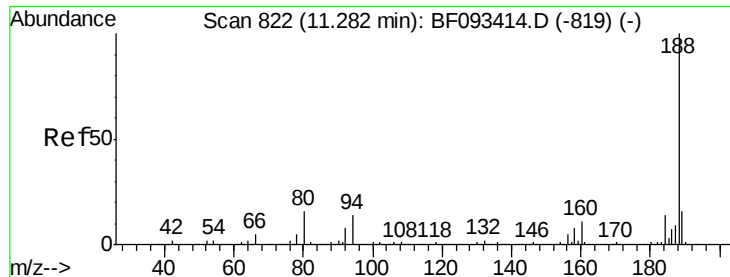
Abundance Ion 165.00 (164.70 to 165.70): E

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

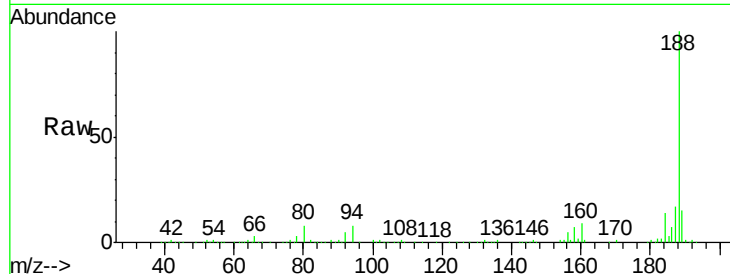




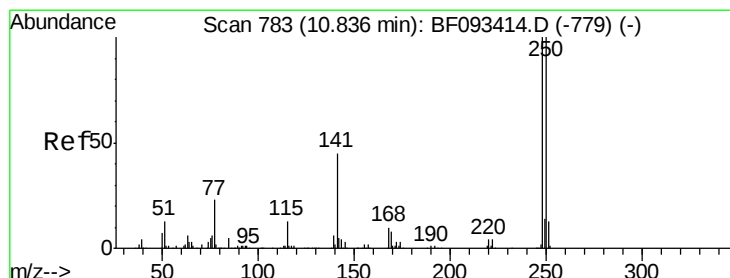
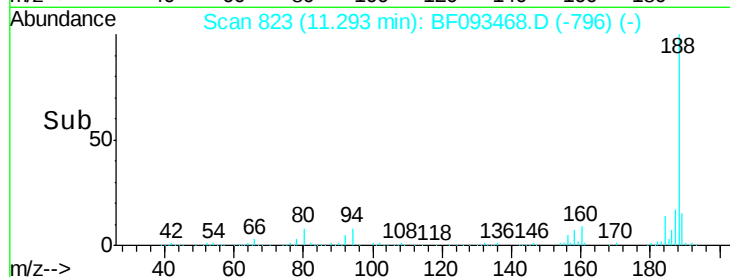
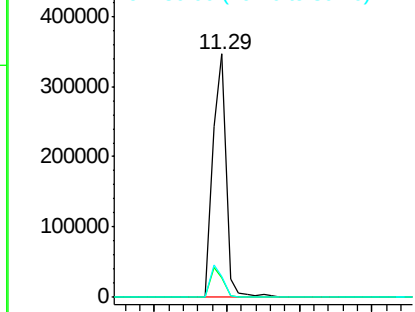
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093468.D
Acq: 9 Mar 2017 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 438552
Ion Ratio Lower Upper
188 100
94 8.2 10.0 15.0#
80 8.4 11.2 16.8#

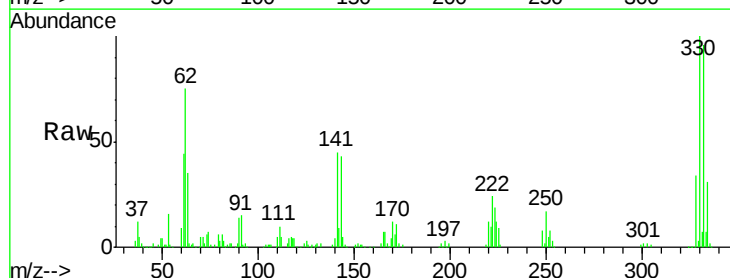


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

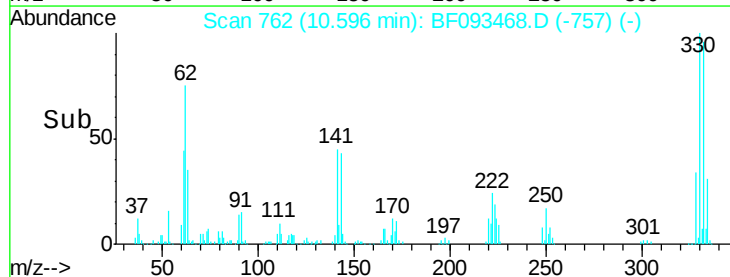
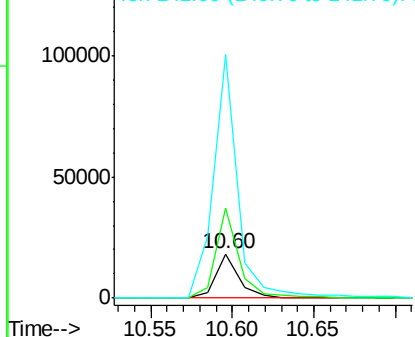


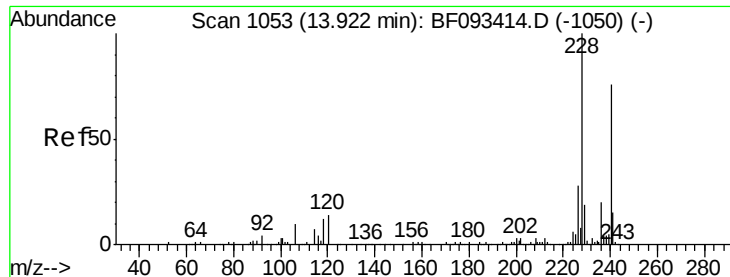
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093468.D
Acq: 9 Mar 2017 10:49

Tgt Ion:248 Resp: 18165
Ion Ratio Lower Upper
248 100
250 203.6 76.9 115.3#
141 547.4 68.2 102.4#



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: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093468.D

Acq: 9 Mar 2017 10:49

Instrument :

BNA_F

ClientSampleId :

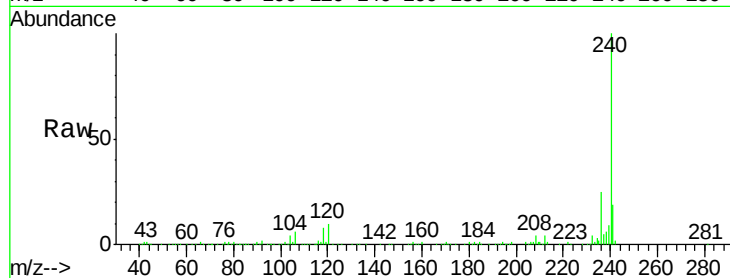
Tot Ion:240 Resp: 374957

Ion Ratio Lower Upper

240 100

120 9.8 12.9 19.3#

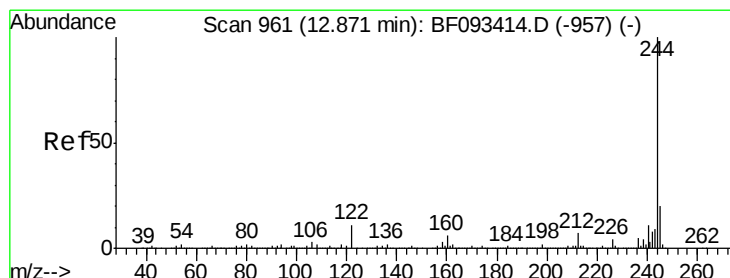
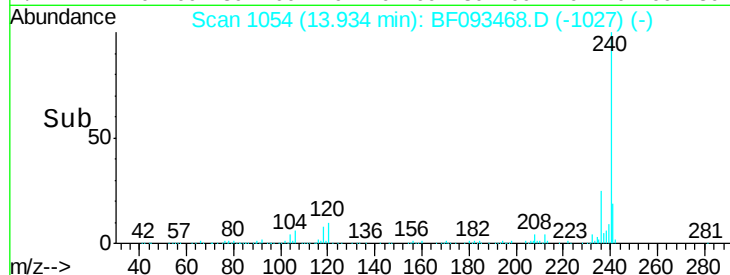
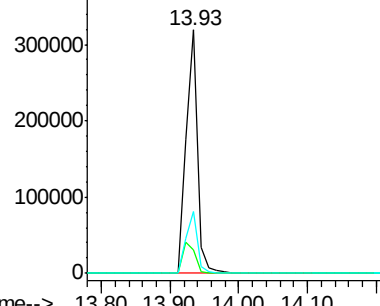
236 25.4 20.9 31.3



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: 74.27 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093468.D

Acq: 9 Mar 2017 10:49

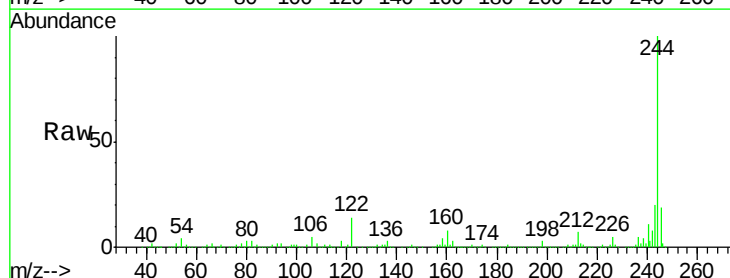
Tgt Ion:244 Resp: 1071130

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

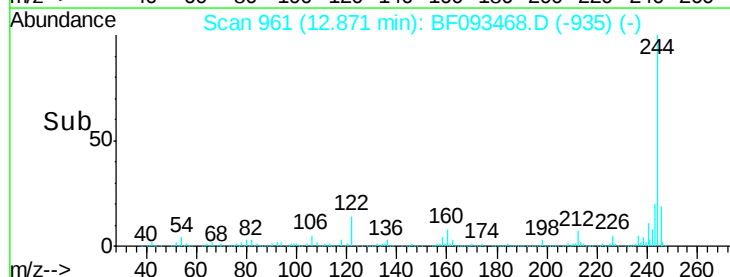
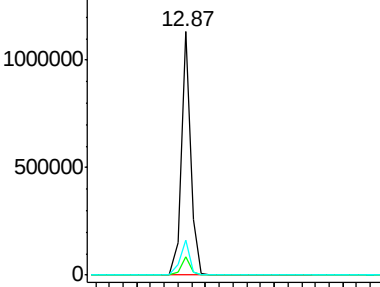
122 14.3 11.4 17.2

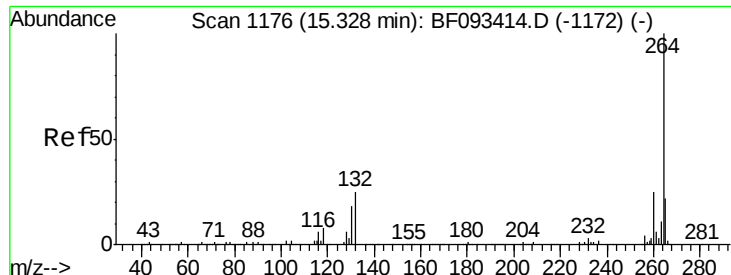


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

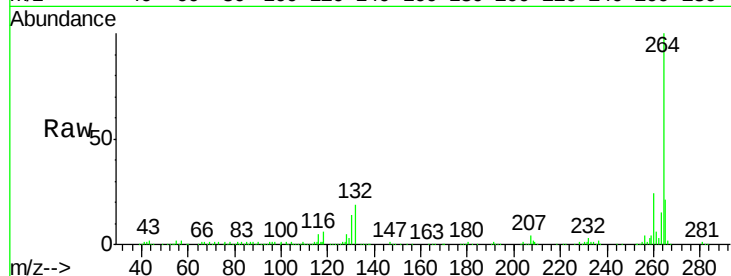




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093468.D
Acq: 9 Mar 2017 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	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

