

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093521.D
 Acq On : 10 Mar 2017 14:51
 Operator : SJ/MA
 Sample : I2160-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B44-B45-001

Quant Time: Mar 10 18:53:29 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

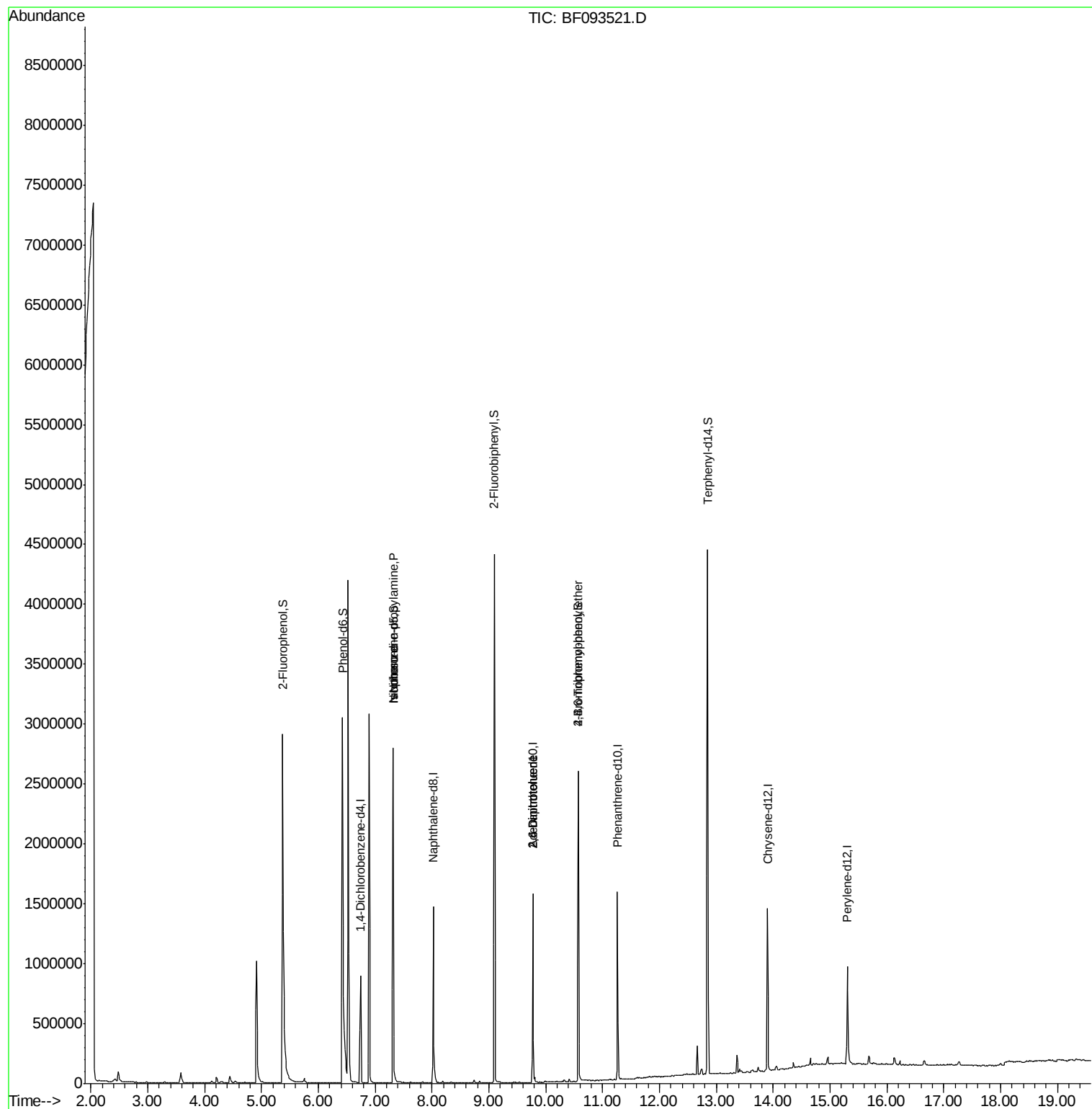
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	166616	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	665585	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	318643	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	584142	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	538750	20.00	ng	-0.02
86) Perylene-d12	15.31	264	400808	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1477475	147.59	ng	0.02
7) Phenol-d6	6.42	99	1734089	137.36	ng	0.01
23) Nitrobenzene-d5	7.32	82	976491	81.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	312055	150.31	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1577222	92.07	ng	-0.03
78) Terphenyl-d14	12.85	244	1506269	72.69	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.42	77	2707	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	128398	14.79	ng	# 81
25) Isophorone	7.32	82	976541	40.37	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	39062	8.43	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	39056	6.86	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	22965	3.72	ng	# 1

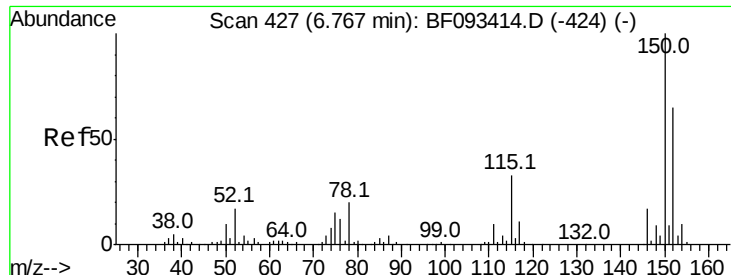
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093521.D

Acq: 10 Mar 2017 14:51

Instrument :

BNA_F

ClientSampleId :

WC-B44-B45-001

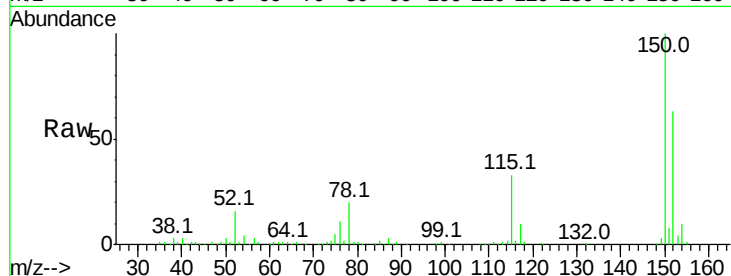
Tot Ion:152 Resp: 166616

Ion Ratio Lower Upper

152 100

150 157.6 124.9 187.3

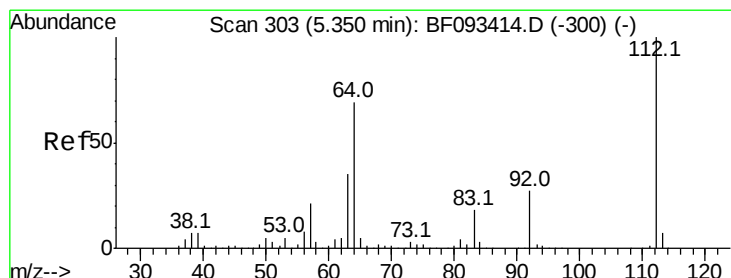
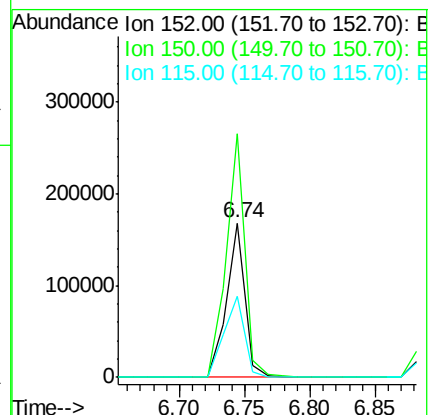
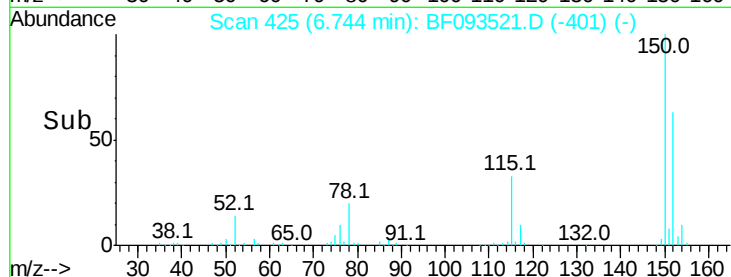
115 52.7 46.0 69.0



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: 147.59 ng

RT: 5.37 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF093521.D

Acq: 10 Mar 2017 14:51

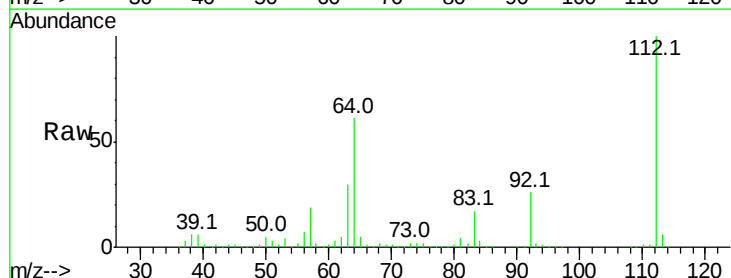
Tgt Ion:112 Resp: 1477475

Ion Ratio Lower Upper

112 100

64 61.3 46.1 69.1

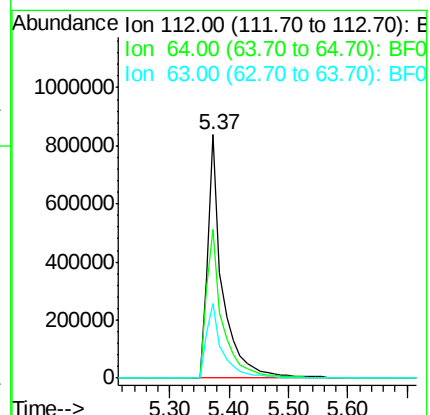
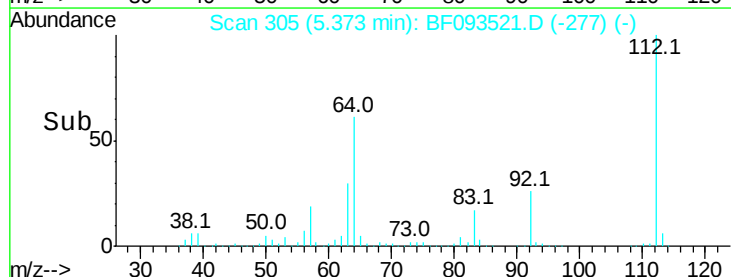
63 30.5 23.8 35.6

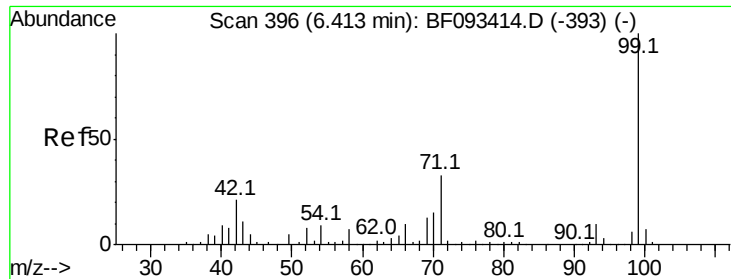


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.36 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093521.D

Acq: 10 Mar 2017 14:51

Instrument :

BNA_F

ClientSampleId :

WC-B44-B45-001

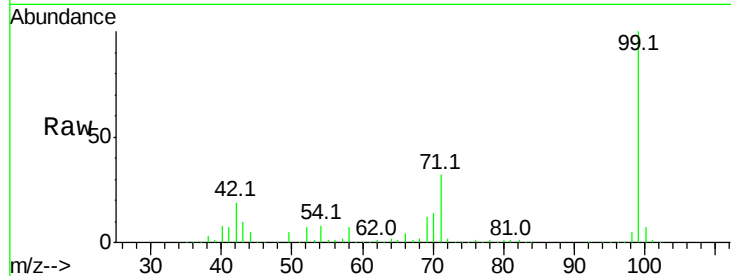
Tot Ion: 99 Resp: 1734089

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

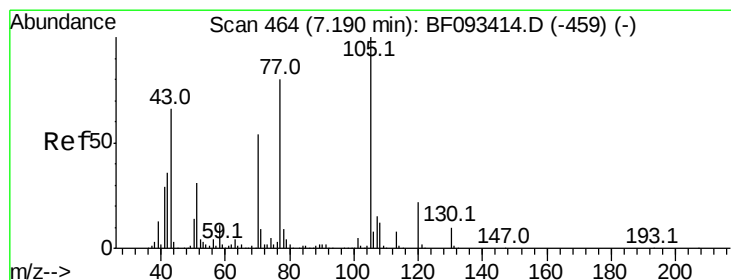
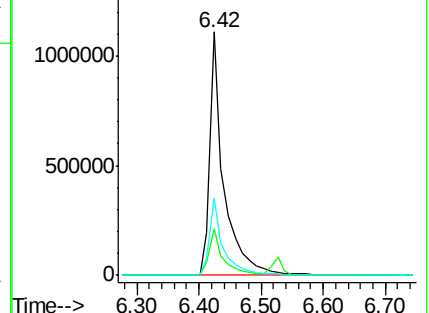
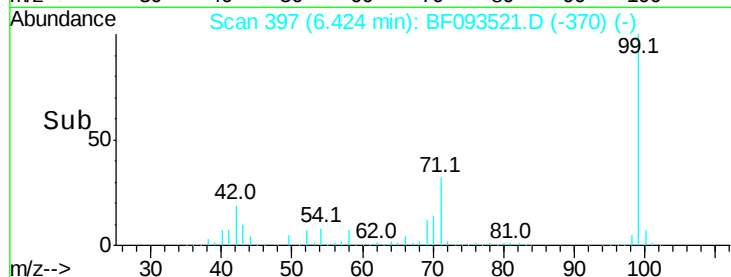
71 31.5 27.5 41.3



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: 14.79 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093521.D

Acq: 10 Mar 2017 14:51

Tgt Ion: 70 Resp: 128398

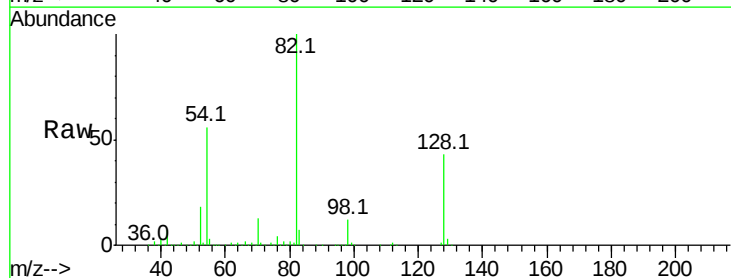
Ion Ratio Lower Upper

70 100

42 51.0 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

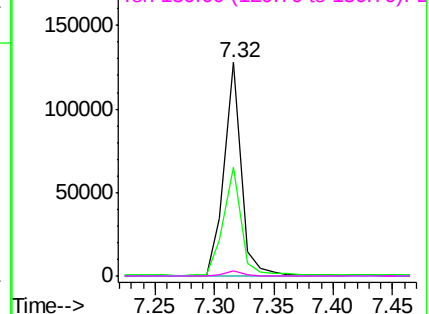
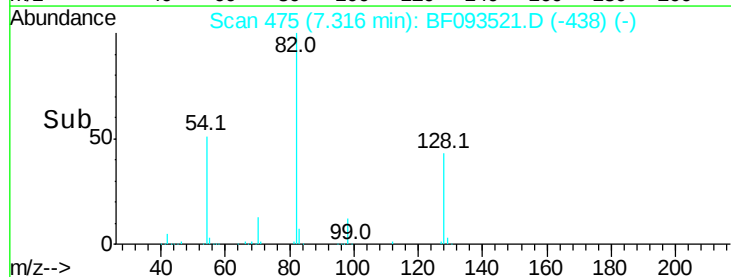


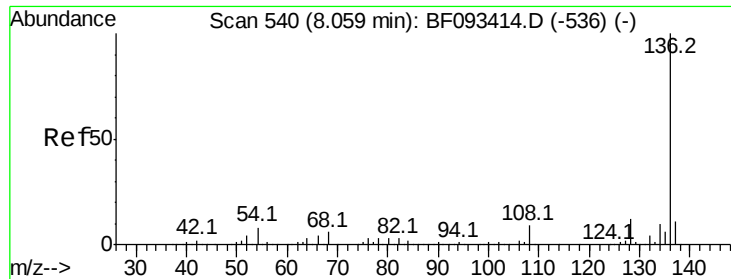
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

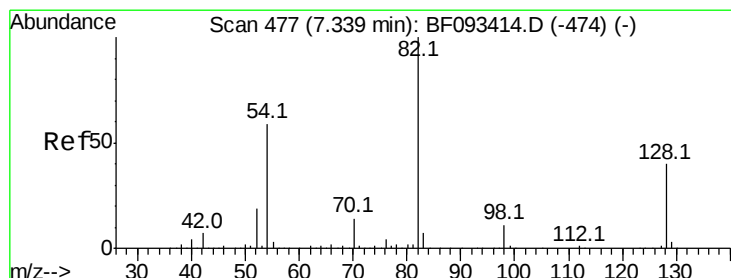
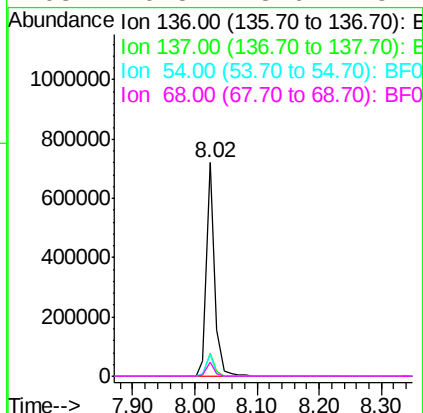
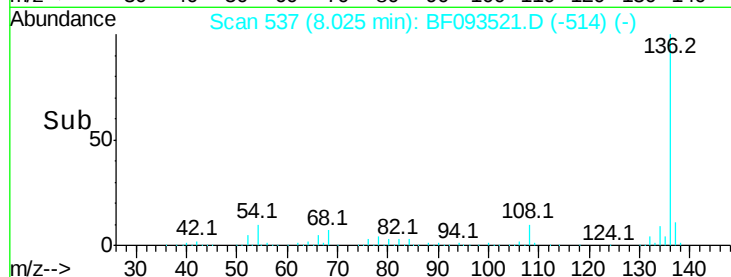
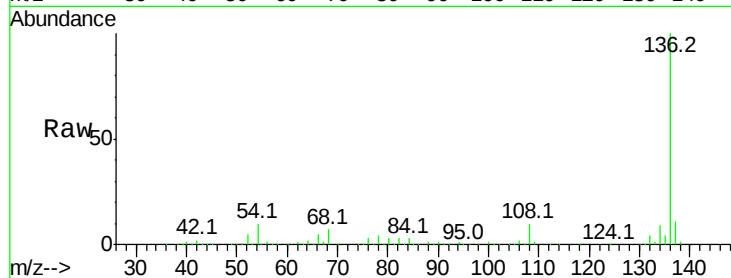




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093521.D
Acq: 10 Mar 2017 14:51

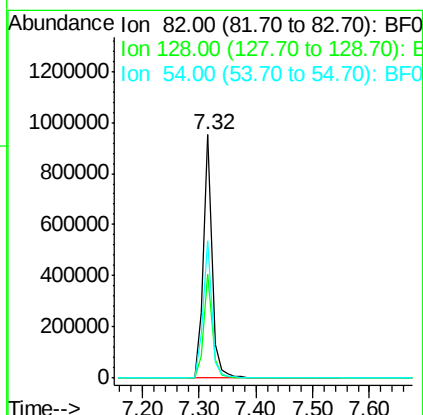
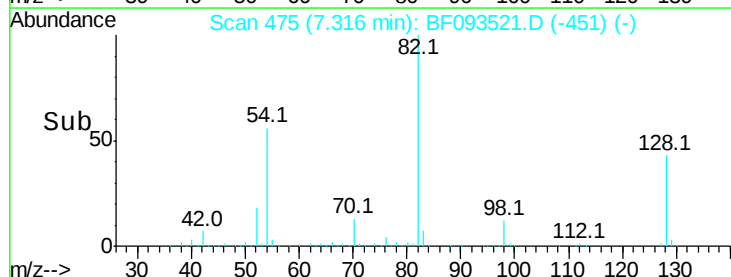
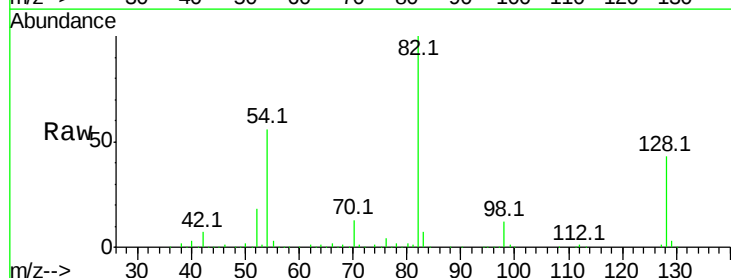
Instrument :
BNA_F
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WC-B44-B45-001

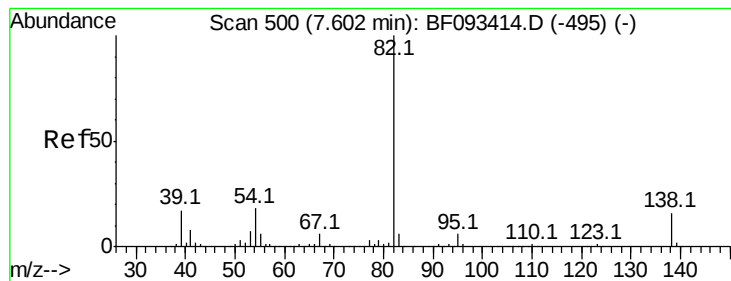
Tot Ion:	136	Resp:	665585
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.2	4.5	6.7#
68	6.8	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 81.40 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093521.D
Acq: 10 Mar 2017 14:51

Tgt Ion:	82	Resp:	976491
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	56.4	39.5	59.3





#25

Isophorone

Concen: 40.37 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093521.D

Acq: 10 Mar 2017 14:51

Instrument :

BNA_F

ClientSampleId :

WC-B44-B45-001

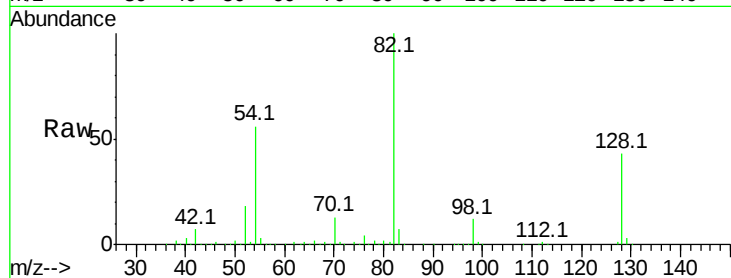
Tot Ion: 82 Resp: 976541

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

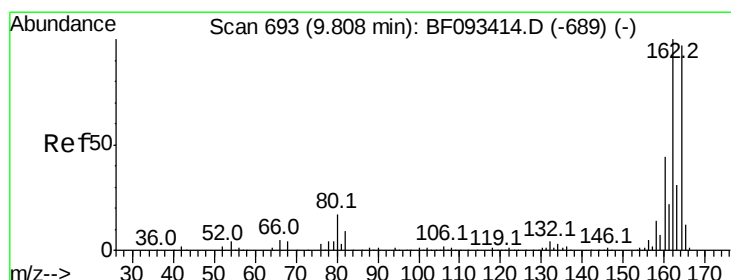
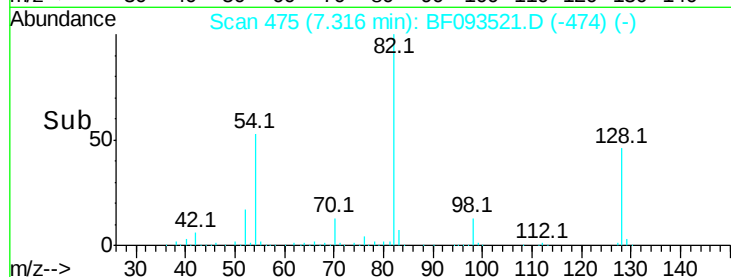
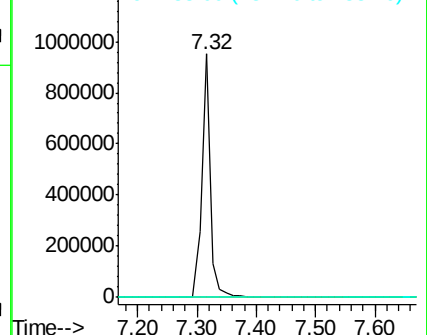
138 0.0 14.6 22.0#



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: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093521.D

Acq: 10 Mar 2017 14:51

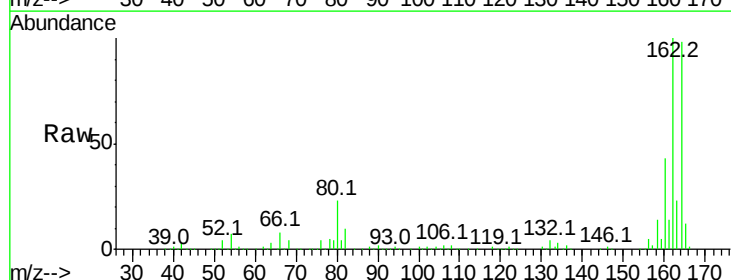
Tgt Ion:164 Resp: 318643

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

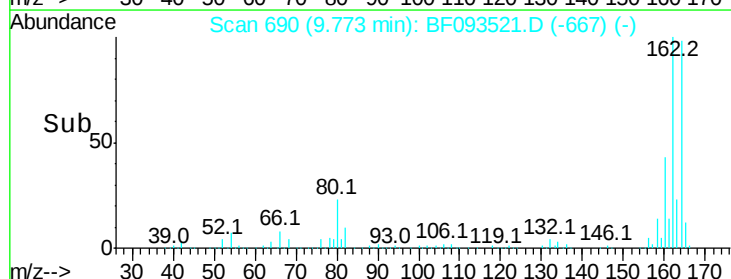
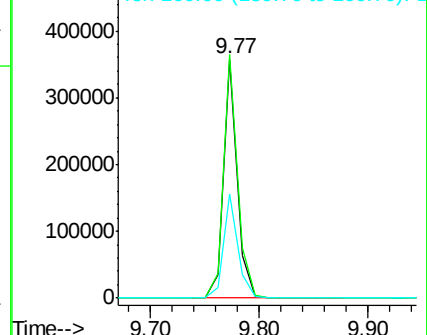
160 43.8 36.9 55.3

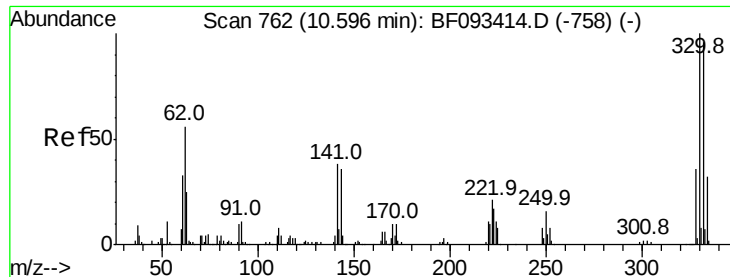


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

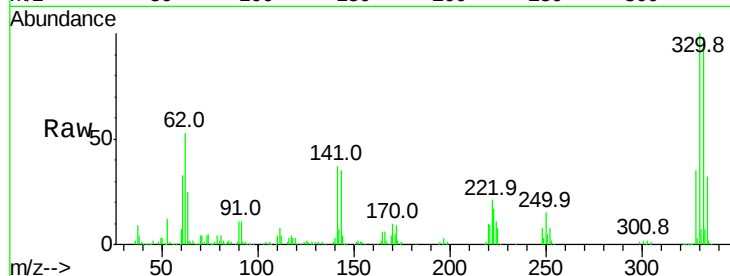




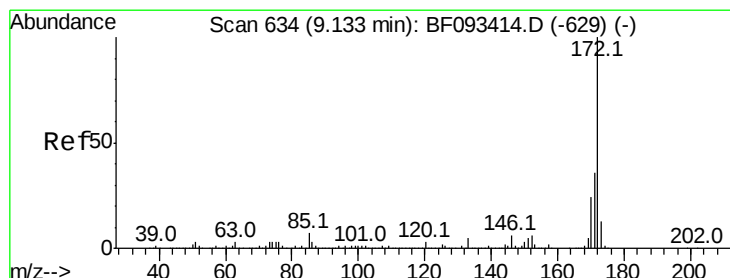
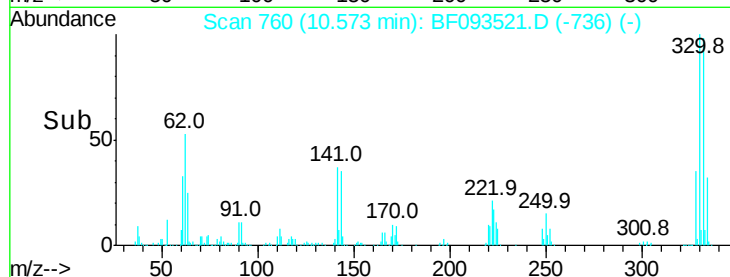
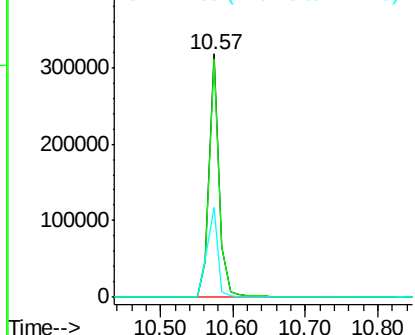
#41
 2,4,6-Tribromophenol
 Concen: 150.31 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093521.D
 Acq: 10 Mar 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-B44-B45-001

Tot Ion:330 Resp: 312055
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 40.1 34.1 51.1

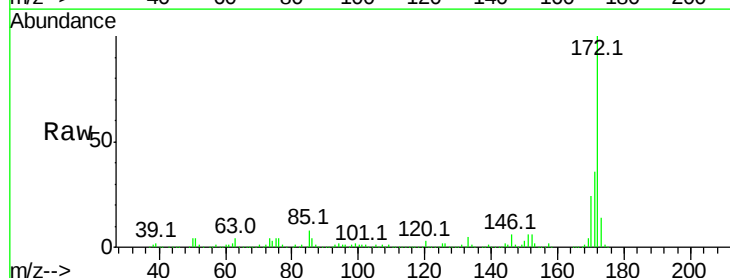


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

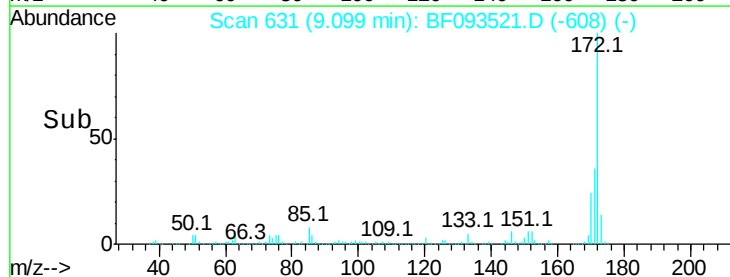
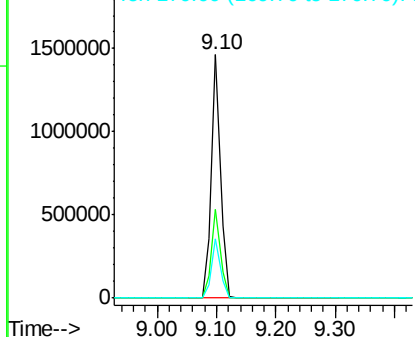


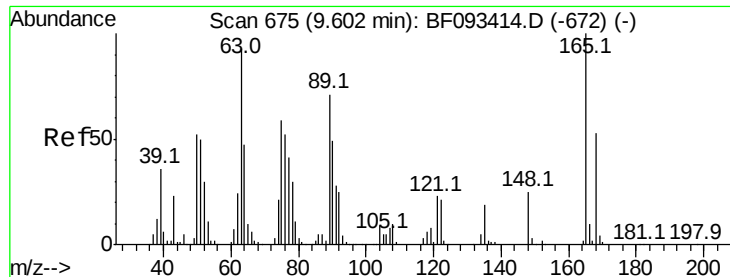
#44
 2-Fluorobiphenyl
 Concen: 92.07 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093521.D
 Acq: 10 Mar 2017 14:51

Tgt Ion:172 Resp: 1577222
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

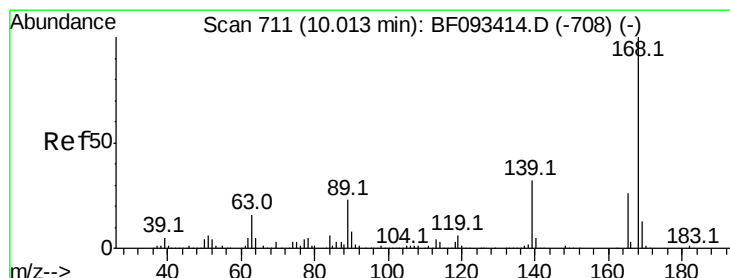
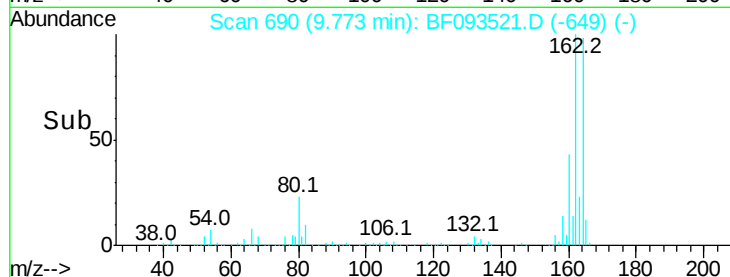
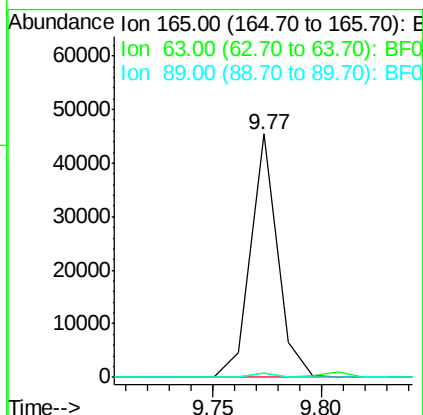
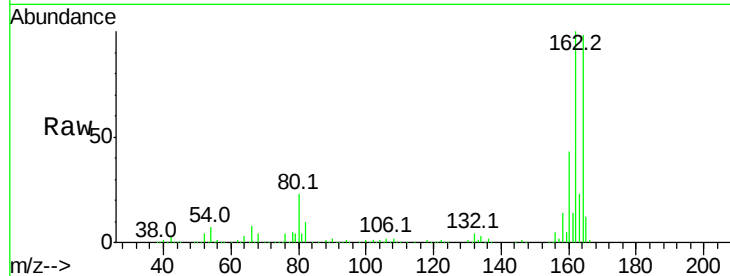




#50
2,6-Dinitrotoluene
Concen: 8.43 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.17 min
Lab File: BF093521.D
Acq: 10 Mar 2017 14:51

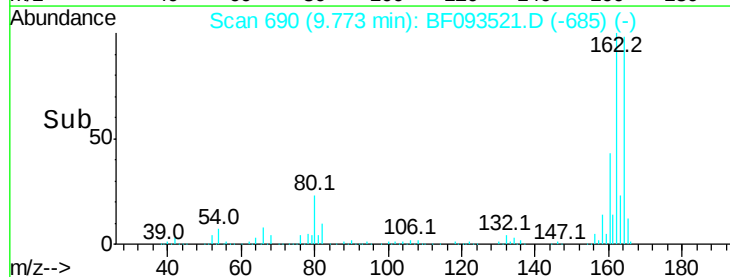
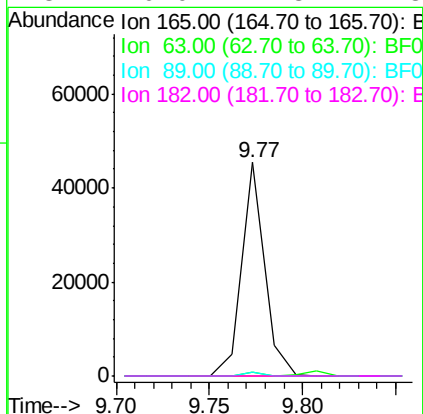
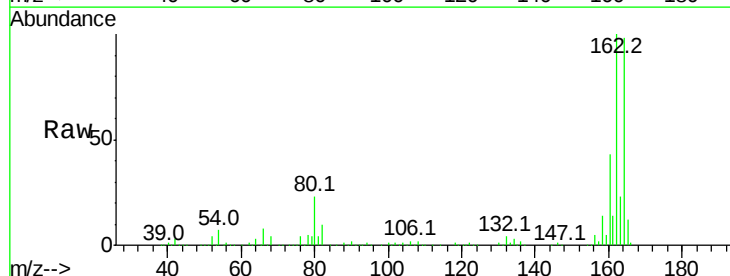
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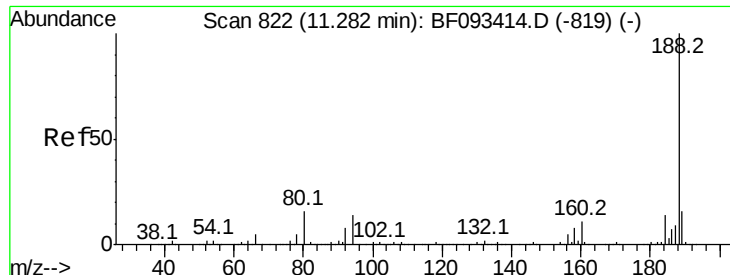
Tot Ion:165 Resp: 39062
Ion Ratio Lower Upper
165 100
63 1.5 36.2 54.4#
89 1.6 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 6.86 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.24 min
Lab File: BF093521.D
Acq: 10 Mar 2017 14:51

Tgt Ion:165 Resp: 39056
Ion Ratio Lower Upper
165 100
63 1.5 40.2 60.4#
89 1.6 62.5 93.7#
182 0.0 1.8 2.8#

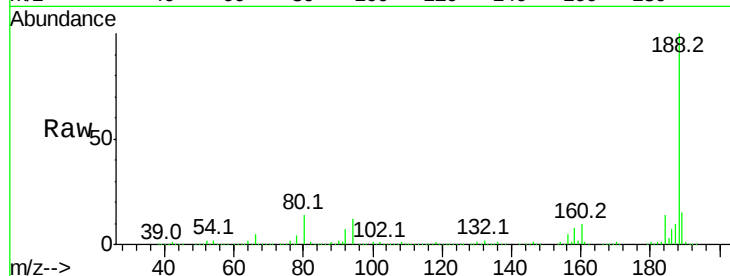




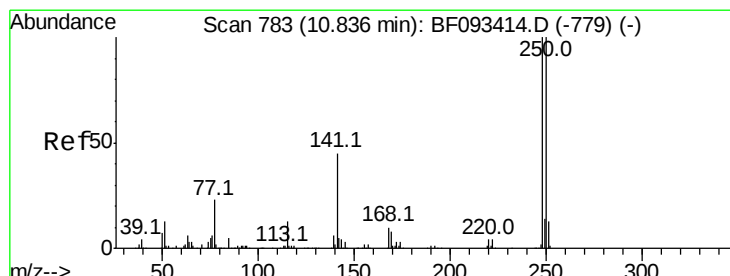
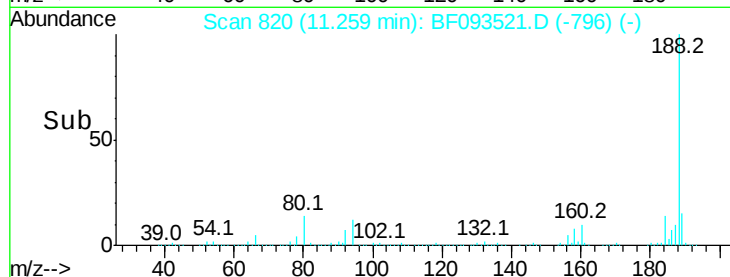
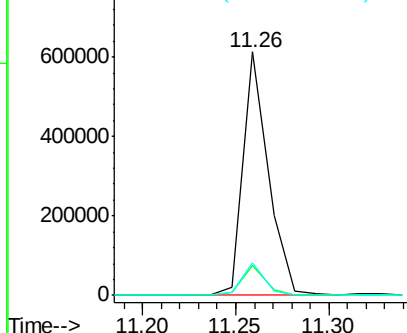
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093521.D
Acq: 10 Mar 2017 14:51

Instrument :
BNA_F
ClientSampleId :
WC-B44-B45-001

Tot Ion:188 Resp: 584142
Ion Ratio Lower Upper
188 100
94 12.4 10.0 15.0
80 13.5 11.2 16.8

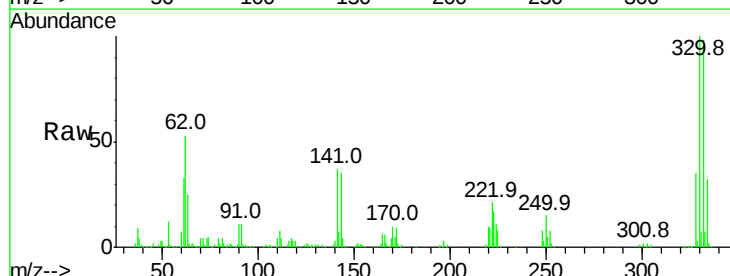


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

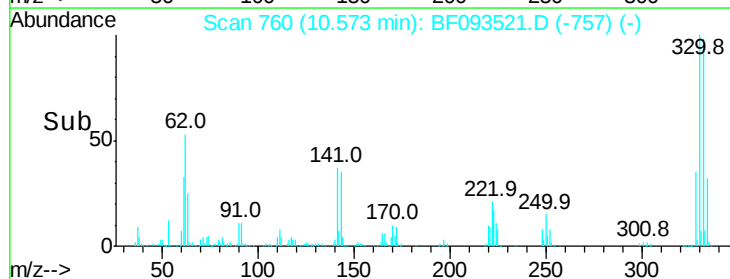
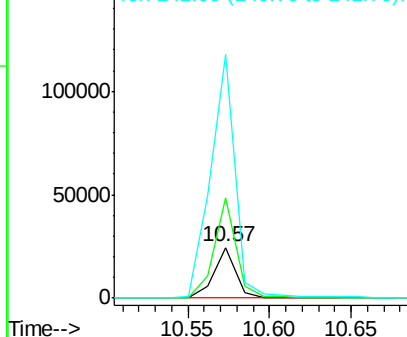


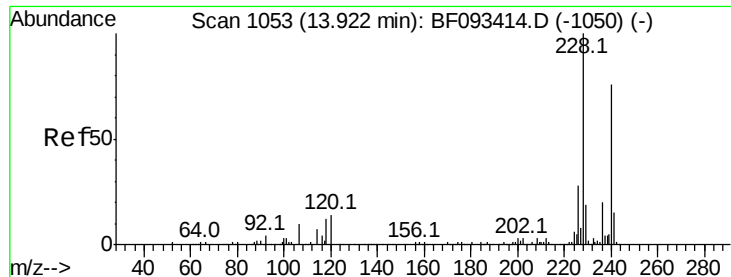
#66
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF093521.D
Acq: 10 Mar 2017 14:51

Tgt Ion:248 Resp: 22965
Ion Ratio Lower Upper
248 100
250 197.6 76.9 115.3#
141 481.0 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

Chrvsene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF093521.D

Acq: 10 Mar 2017 14:51

Instrument :

BNA_F

ClientSampleId :

WC-B44-B45-001

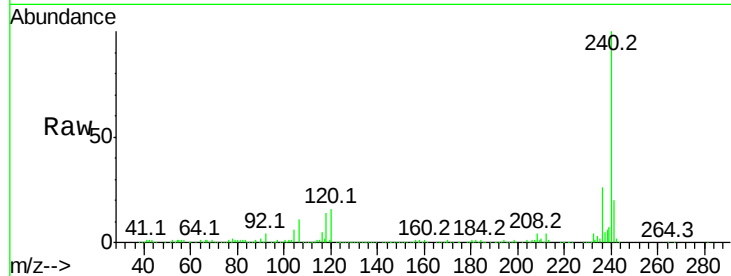
Tot Ion:240 Resp: 538750

Ion Ratio Lower Upper

240 100

120 15.8 12.9 19.3

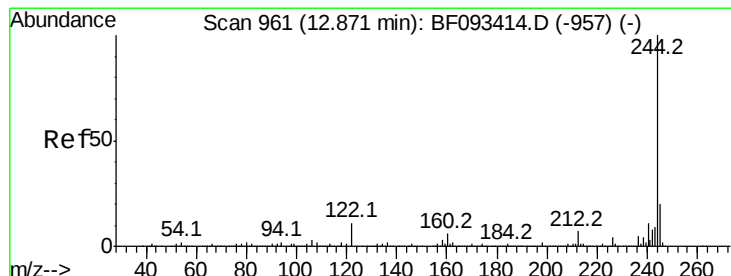
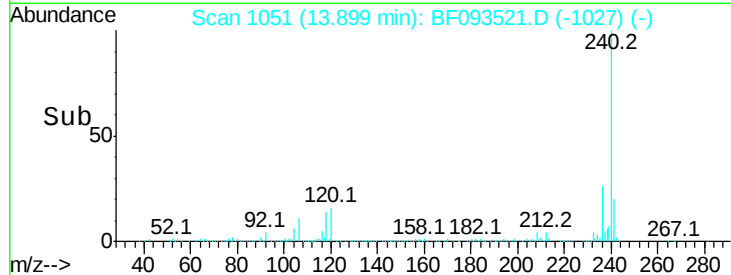
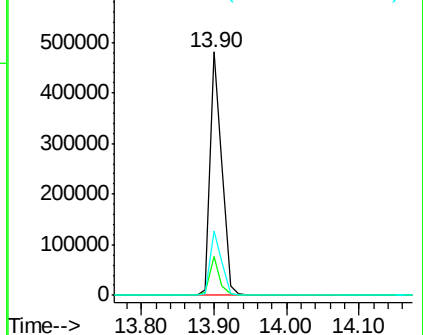
236 26.5 20.9 31.3



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: 72.69 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093521.D

Acq: 10 Mar 2017 14:51

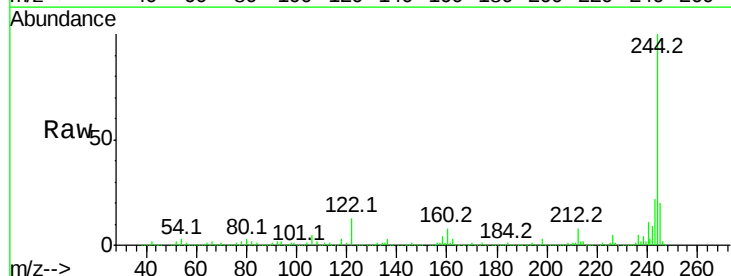
Tgt Ion:244 Resp: 1506269

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

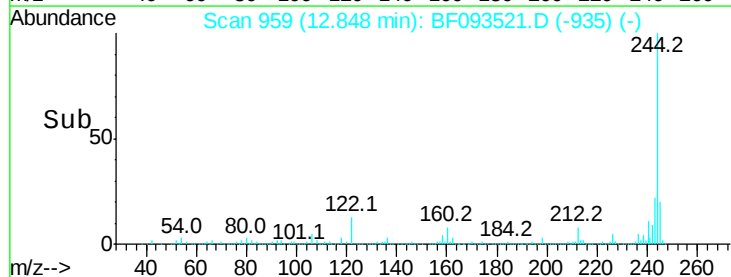
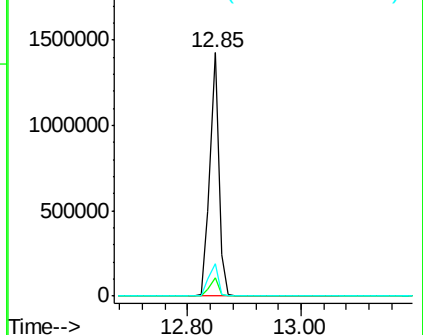
122 13.2 11.4 17.2

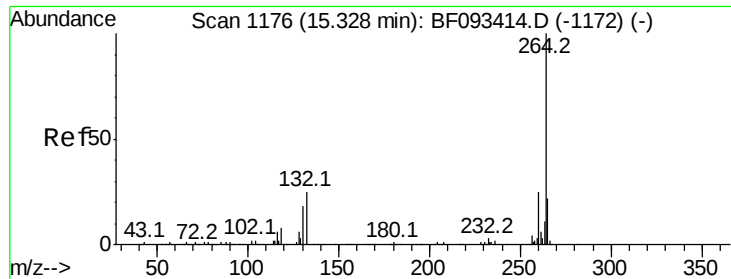


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

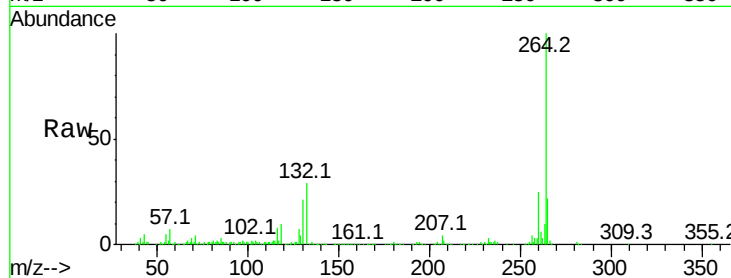




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093521.D
Acq: 10 Mar 2017 14:51

Instrument :
BNA_F
ClientSampleId :
WC-B44-B45-001

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	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

