

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093548.D
 Acq On : 11 Mar 2017 3:33
 Operator : SJ/MA
 Sample : I2198-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-4

Quant Time: Mar 11 03:56:50 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

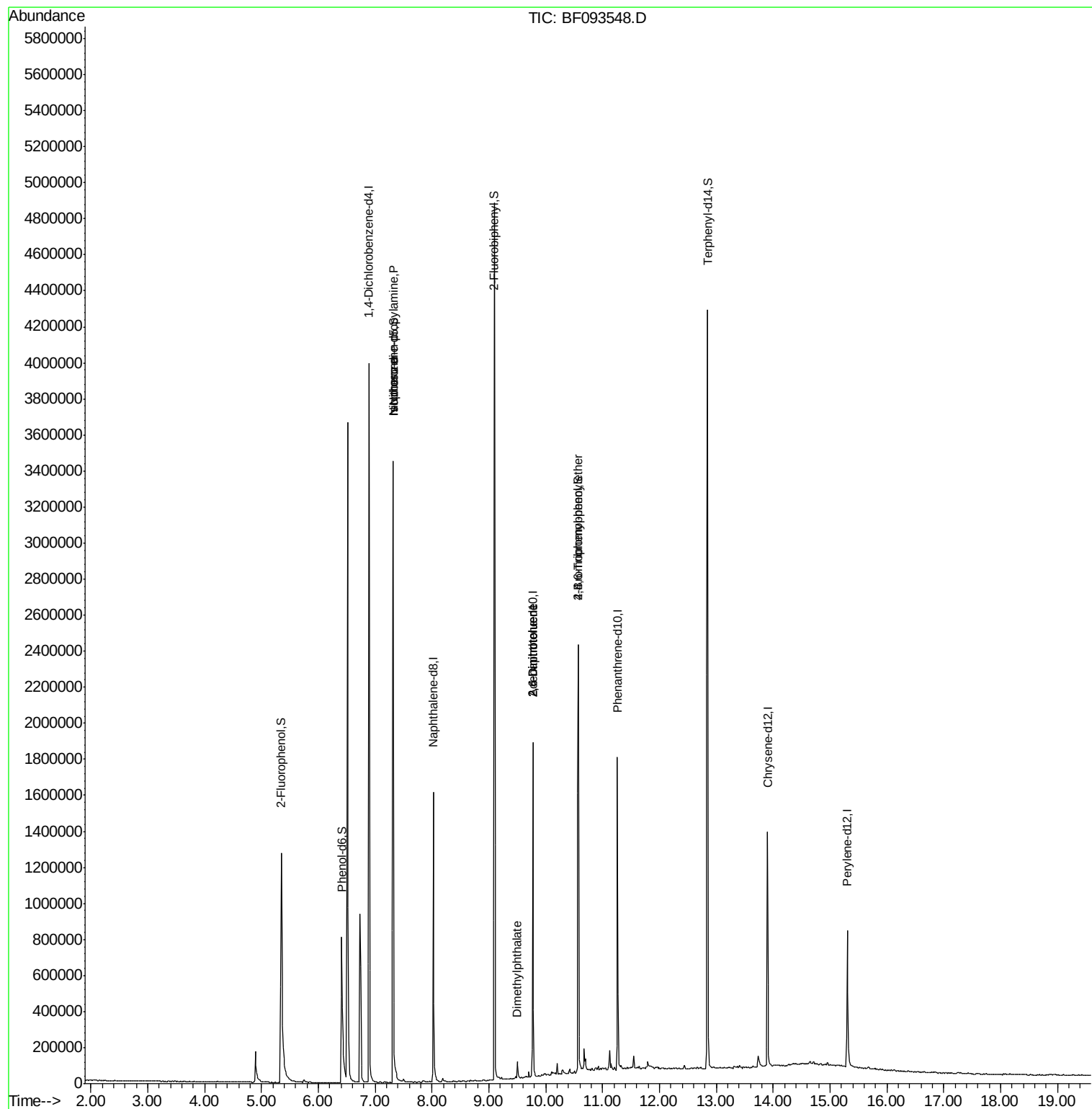
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	606676	20.00	ng	0.13
21) Naphthalene-d8	8.02	136	749217	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	350884	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	623781	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	479897	20.00	ng	-0.02
86) Perylene-d12	15.31	264	352252	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	663256	18.20	ng	0.00
7) Phenol-d6	6.41	99	560356	12.19	ng	0.00
23) Nitrobenzene-d5	7.32	82	1211290	89.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	327786	143.38	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1662518	88.13	ng	-0.03
78) Terphenyl-d14	12.85	244	1475189	79.92	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	1378	Below Cal	#	30
19) n-Nitroso-di-n-propylamine	7.32	70	162097	5.13	ng	# 81
25) Isophorone	7.32	82	1213344	44.56	ng	# 65
49) Dimethylphthalate	9.50	163	53088	2.28	ng	# 96
50) 2,6-Dinitrotoluene	9.77	165	45514	8.92	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	45509	7.26	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	25334	3.84	ng	# 1

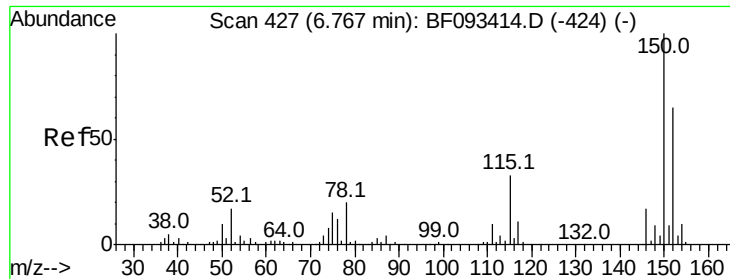
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 438

Delta R.T. 0.13 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

Instrument :

BNA_F

ClientSampleId :

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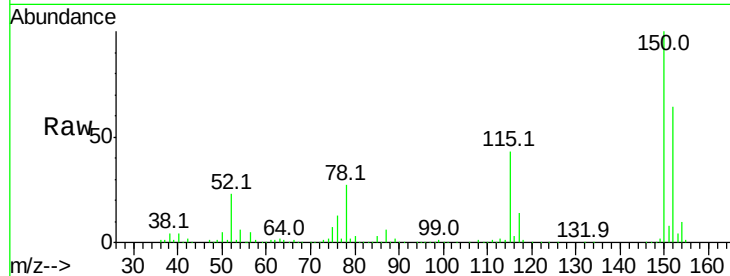
Tot Ion:152 Resp: 606676

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

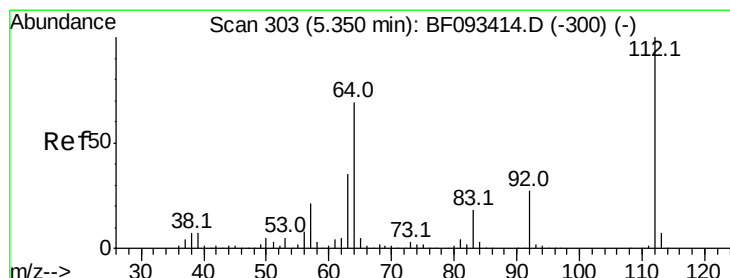
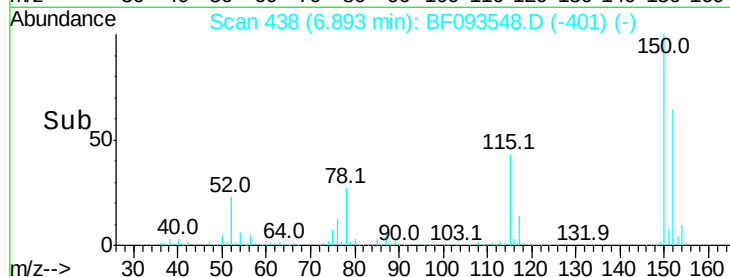
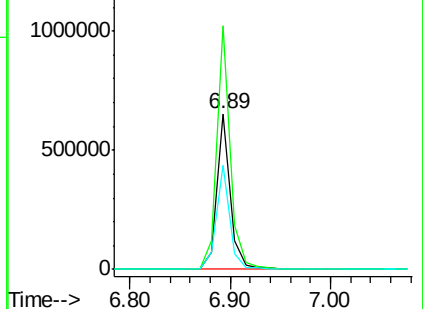
115 66.5 46.0 69.0



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: 18.20 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

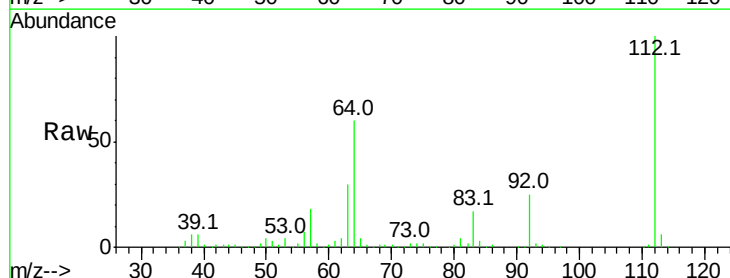
Tgt Ion:112 Resp: 663256

Ion Ratio Lower Upper

112 100

64 60.4 46.1 69.1

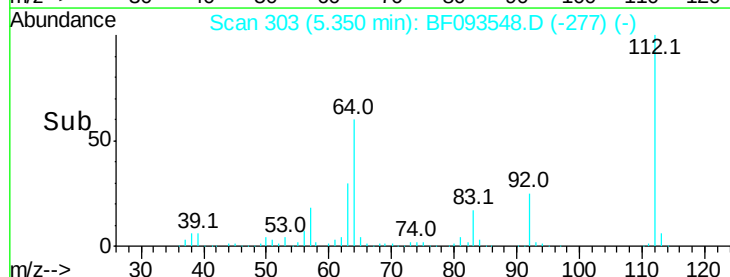
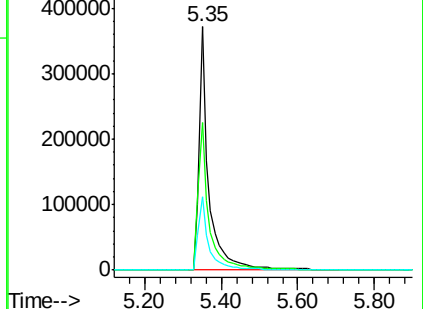
63 30.3 23.8 35.6

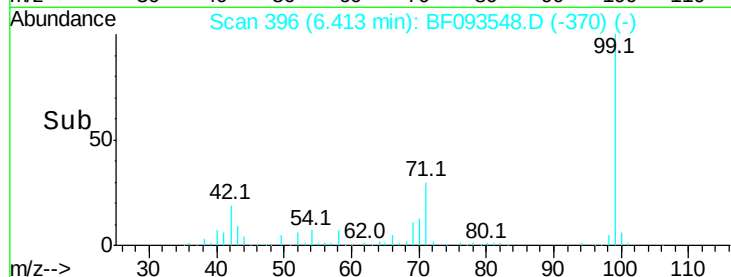
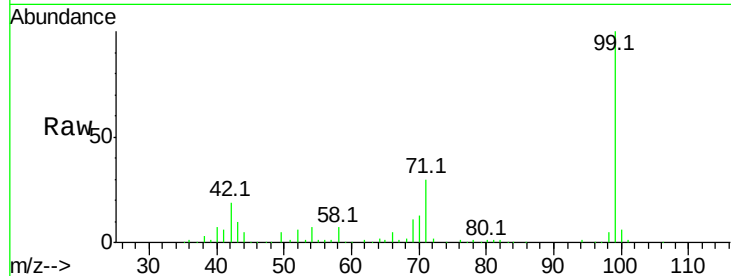
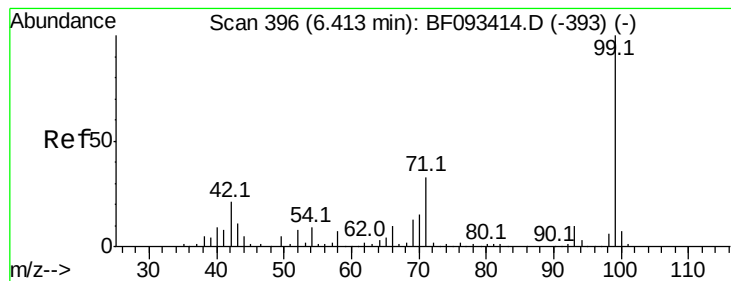


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.19 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

Instrument :

BNA_F

ClientSampleId :

P-4

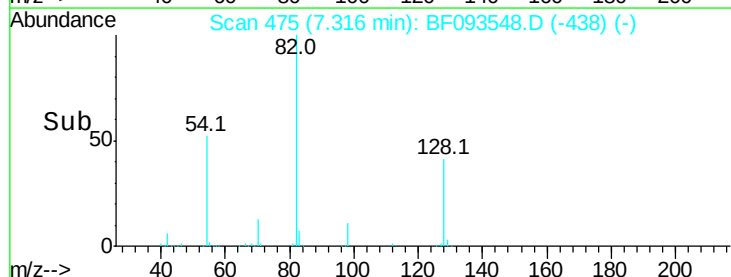
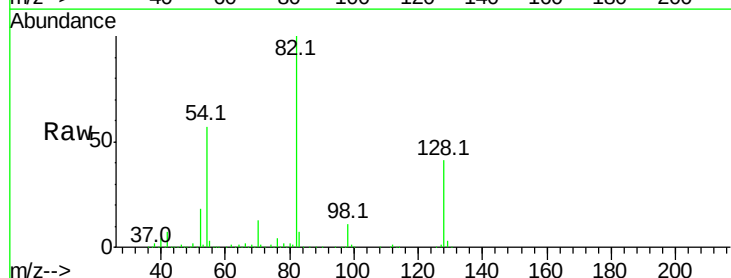
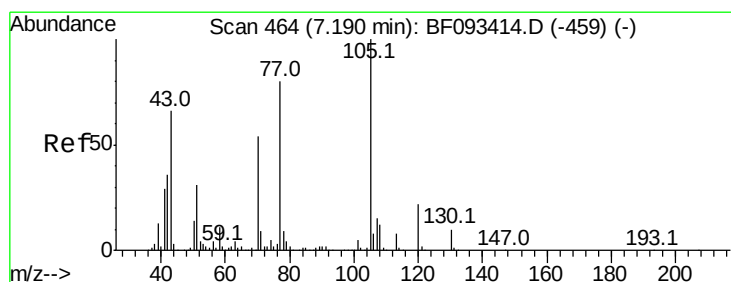
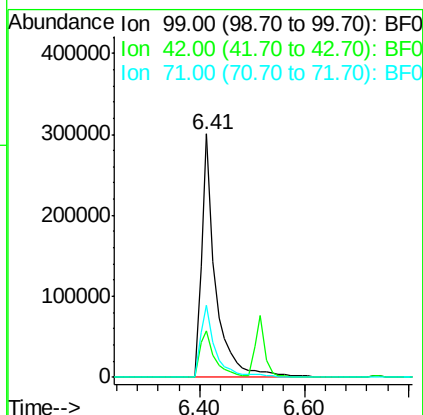
Tot Ion: 99 Resp: 560356

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 29.6 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 5.13 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

Tgt Ion: 70 Resp: 162097

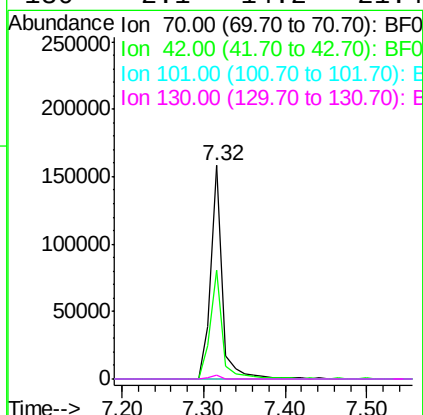
Ion Ratio Lower Upper

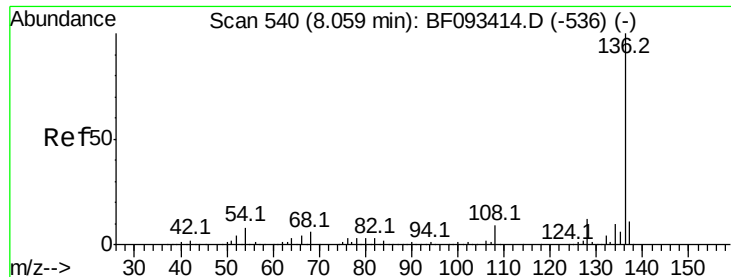
70 100

42 51.2 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

Instrument :

BNA_F

ClientSampleId :

P-4

Tot Ion:136 Resp: 749217

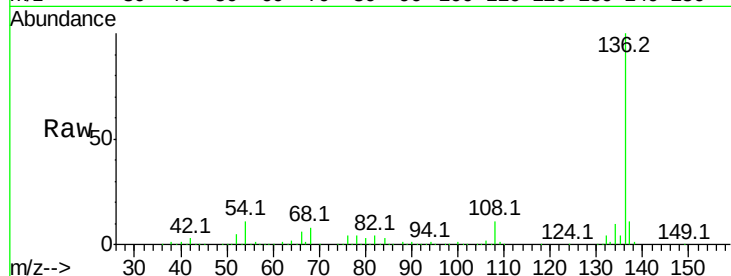
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.2 4.5 6.7#

68 7.8 3.6 5.4#

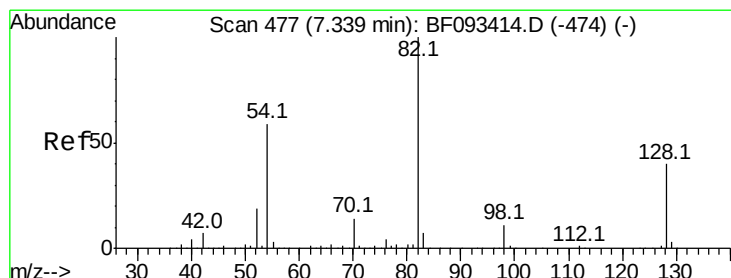
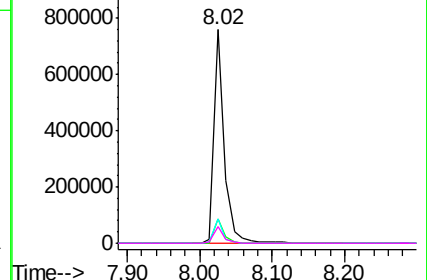
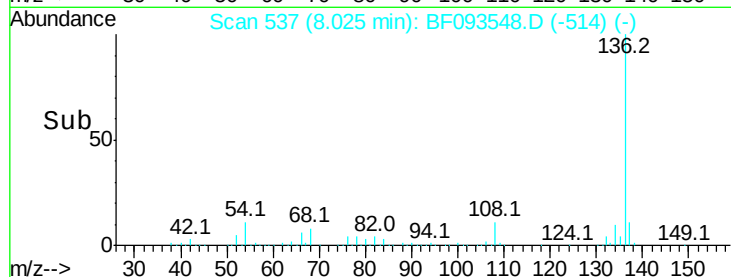


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.70 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

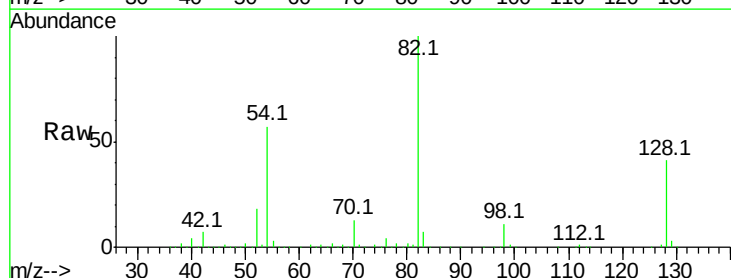
Tgt Ion: 82 Resp: 1211290

Ion Ratio Lower Upper

82 100

128 41.2 34.6 52.0

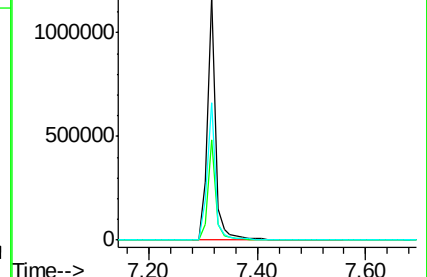
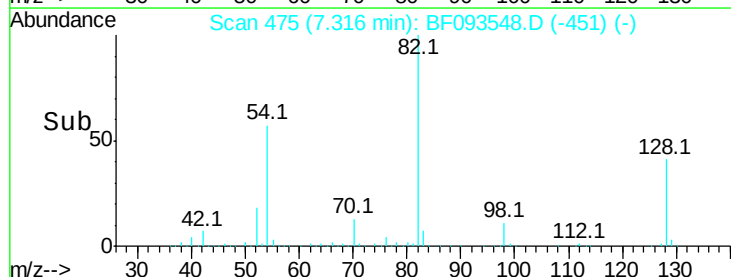
54 56.7 39.5 59.3

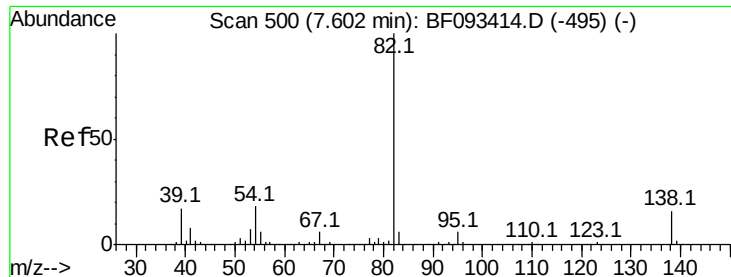


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 44.56 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

Instrument :

BNA_F

ClientSampleId :

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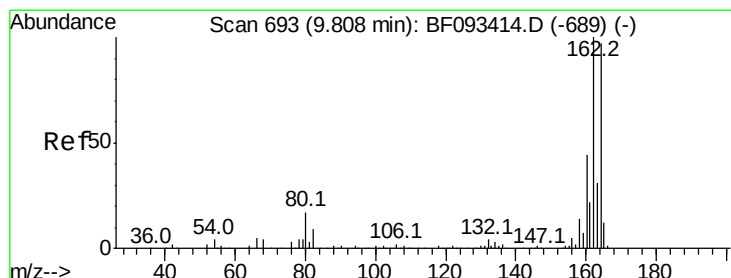
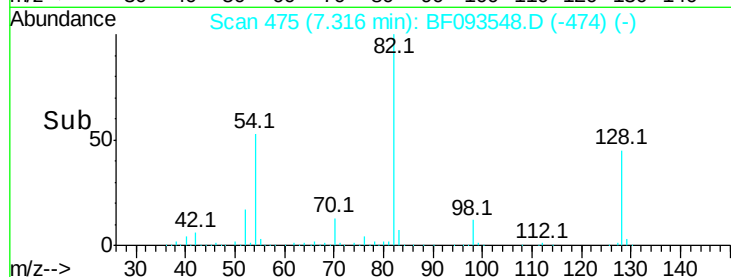
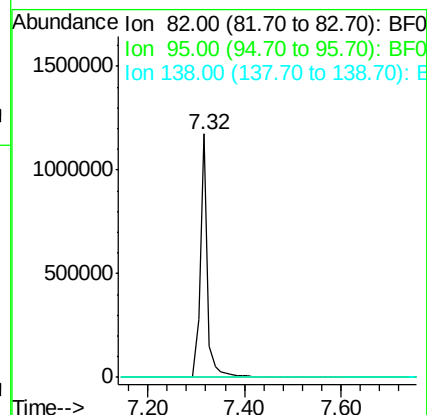
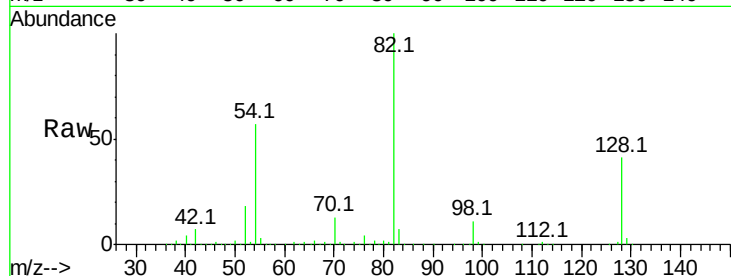
Tot Ion: 82 Resp: 1213344

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

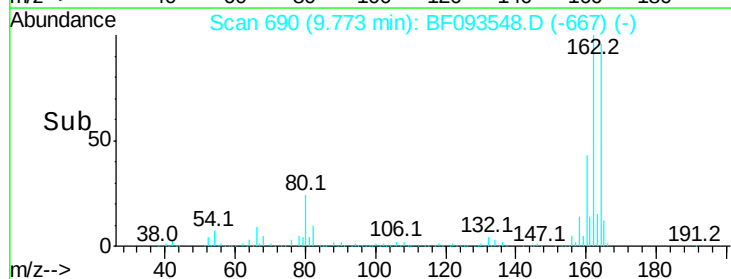
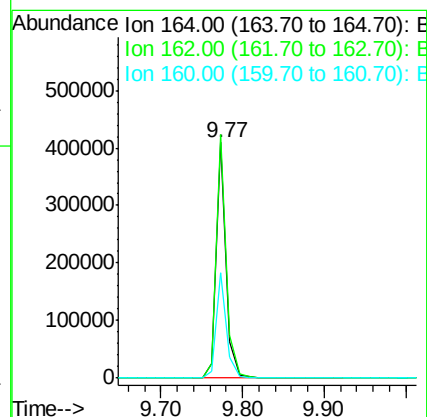
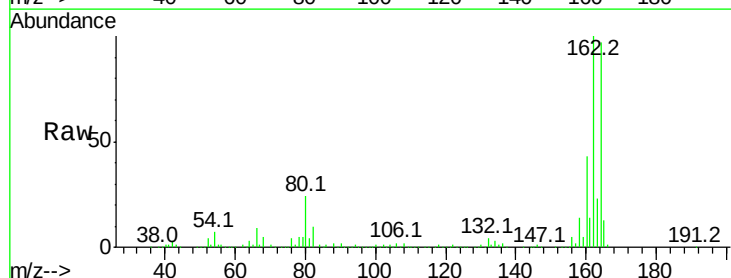
Tgt Ion:164 Resp: 350884

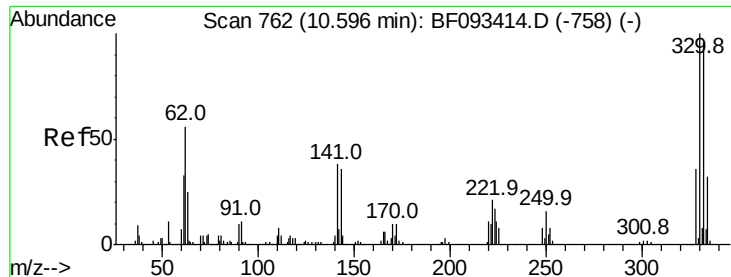
Ion Ratio Lower Upper

164 100

162 103.5 80.2 120.2

160 44.8 36.9 55.3

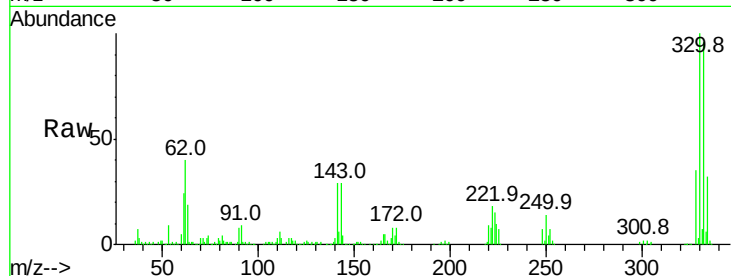




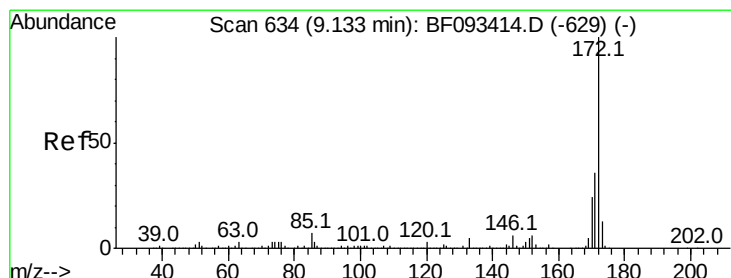
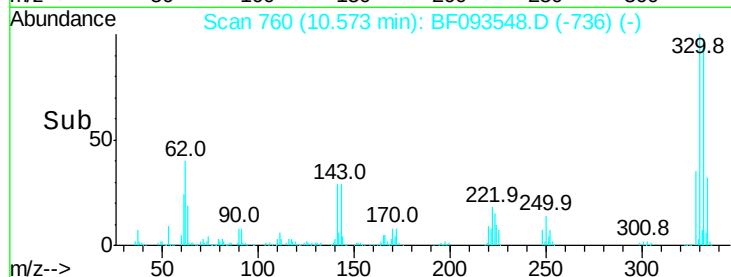
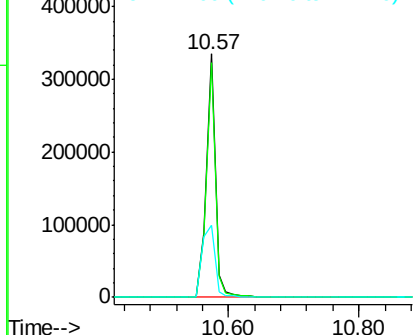
#41
 2,4,6-Tribromophenol
 Concen: 143.38 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093548.D
 Acq: 11 Mar 2017 3:33

Instrument :
 BNA_F
 ClientSampleId :
 P-4

Tot Ion:330 Resp: 327786
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 41.6 34.1 51.1

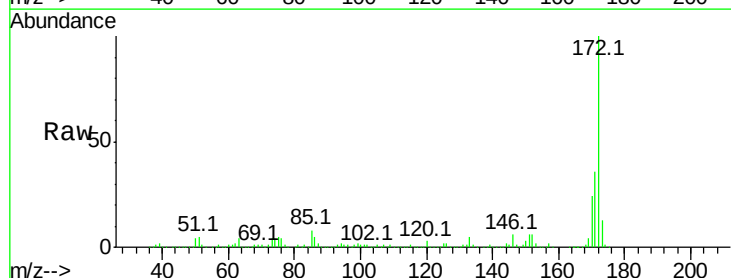


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

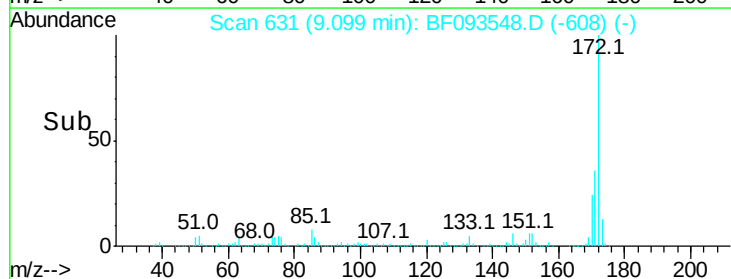
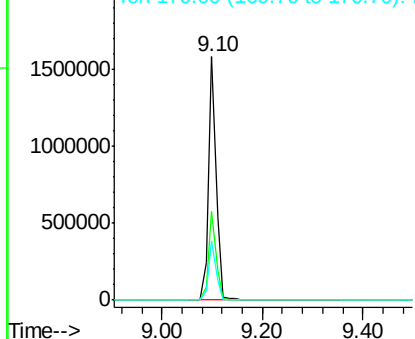


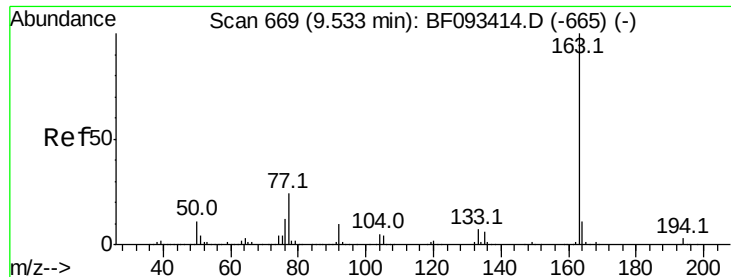
#44
 2-Fluorobiphenyl
 Concen: 88.13 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093548.D
 Acq: 11 Mar 2017 3:33

Tgt Ion:172 Resp: 1662518
 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





#49

Dimethylphthalate

Concen: 2.28 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

Instrument :

BNA_F

ClientSampleId :

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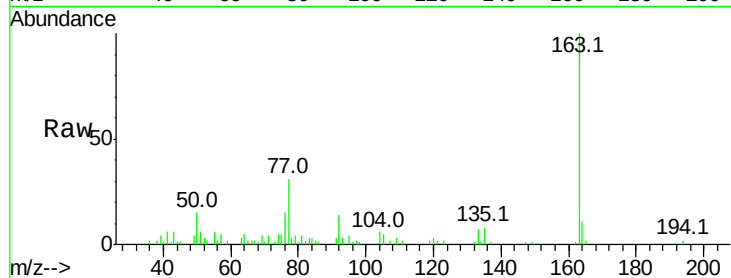
Tot Ion:163 Resp: 53088

Ion Ratio Lower Upper

163 100

194 2.3 3.0 4.4#

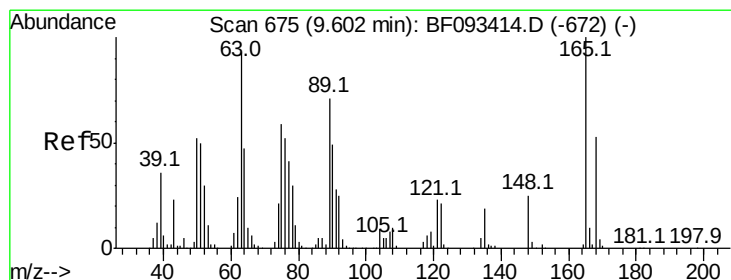
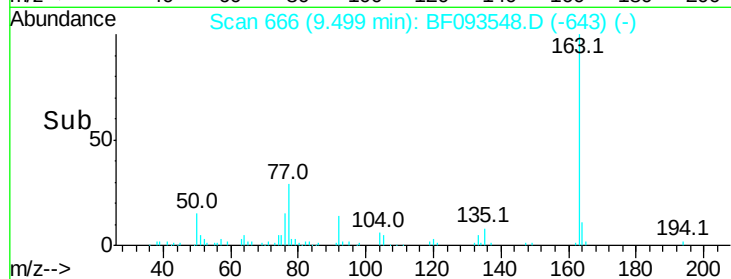
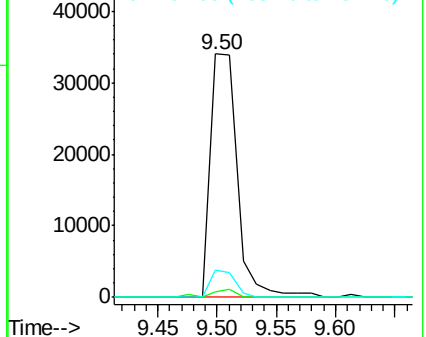
164 11.4 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 8.92 ng

RT: 9.77 min Scan# 690

Delta R.T. 0.17 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

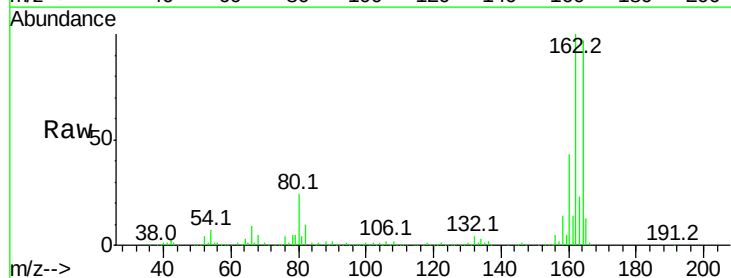
Tgt Ion:165 Resp: 45514

Ion Ratio Lower Upper

165 100

63 1.5 36.2 54.4#

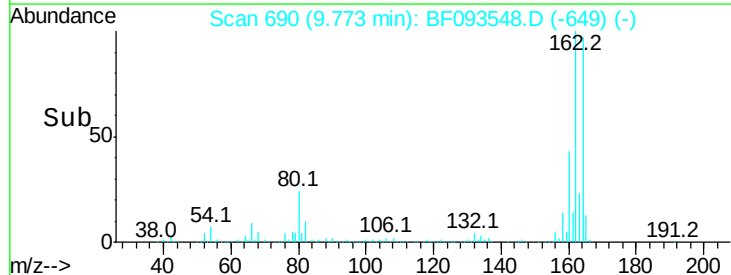
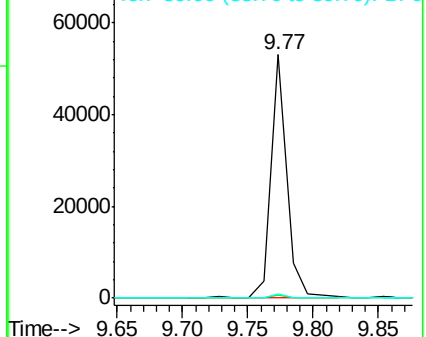
89 1.7 40.2 60.4#

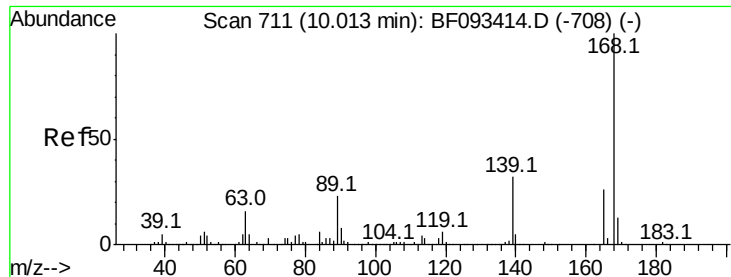


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

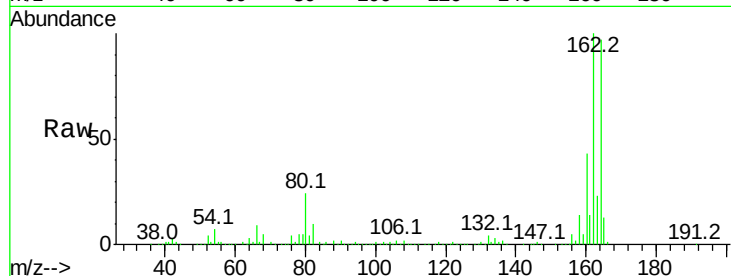




#56
 2,4-Dinitrotoluene
 Concen: 7.26 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.24 min
 Lab File: BF093548.D
 Acq: 11 Mar 2017 3:33

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.7	62.5	93.7#
182	0.0	1.8	2.8#

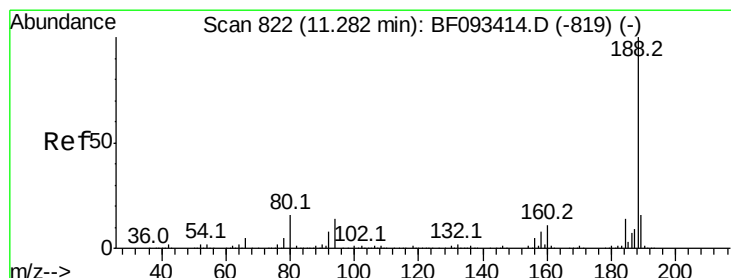
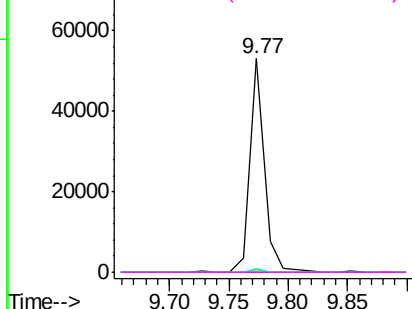
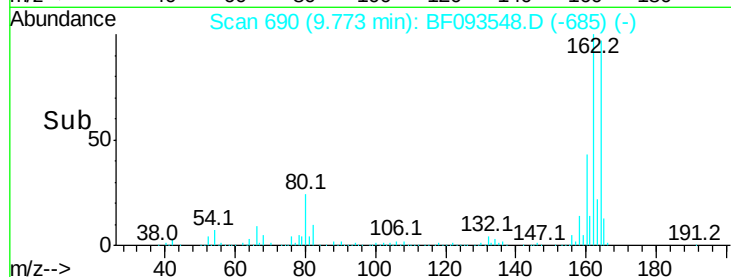


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

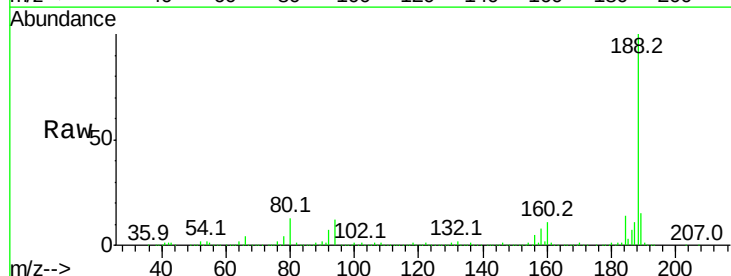
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093548.D
 Acq: 11 Mar 2017 3:33

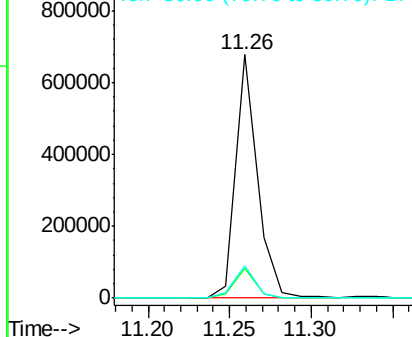
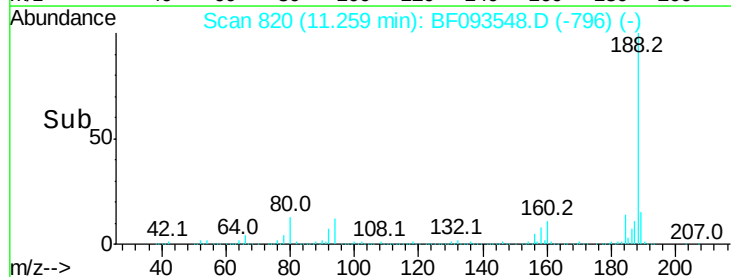
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	10.0	15.0
80	13.2	11.2	16.8

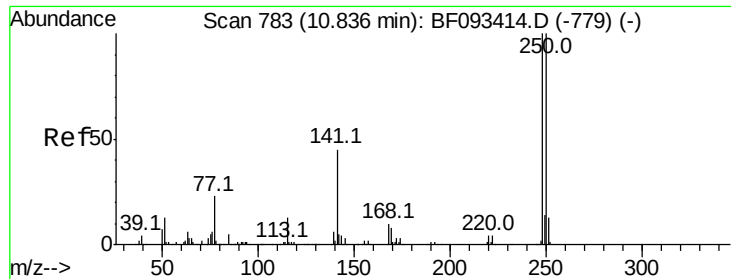


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

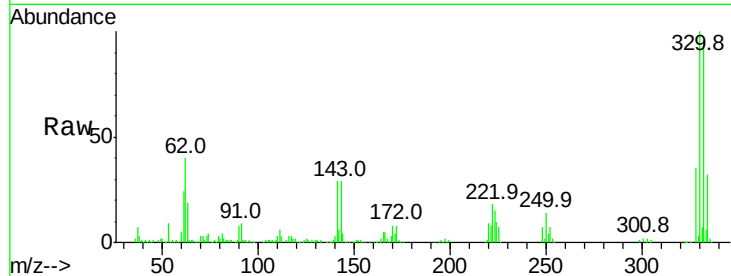




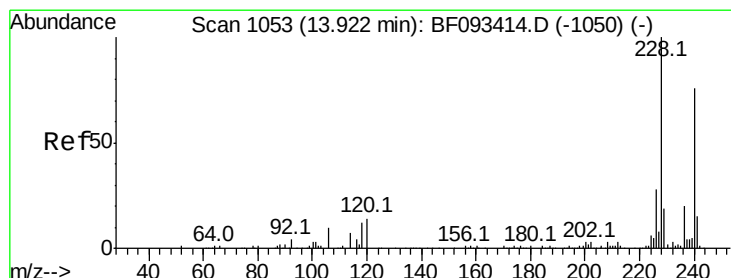
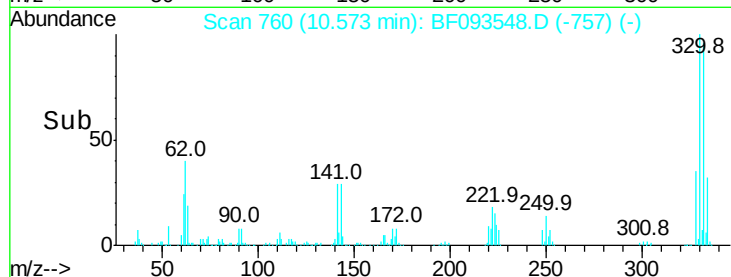
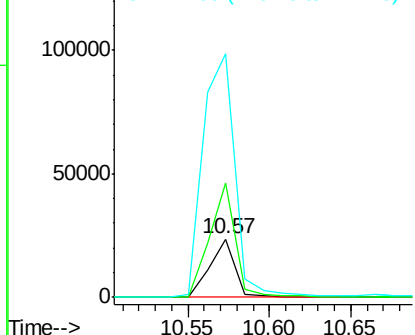
#66
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF093548.D
Acq: 11 Mar 2017 3:33

Instrument :
BNA_F
ClientSampled :
P-4

Tot Ion:248 Resp: 25334
Ion Ratio Lower Upper
248 100
250 194.6 76.9 115.3#
141 416.0 68.2 102.4#

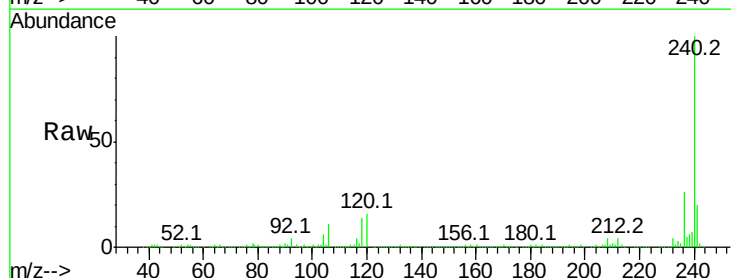


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

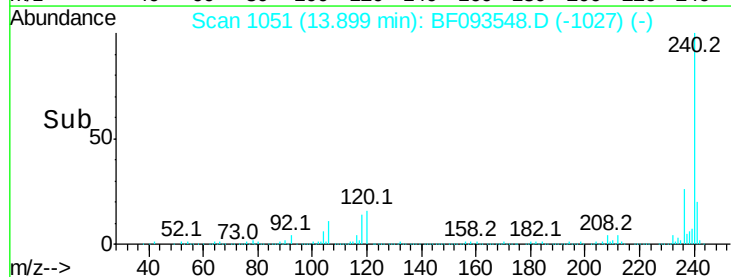
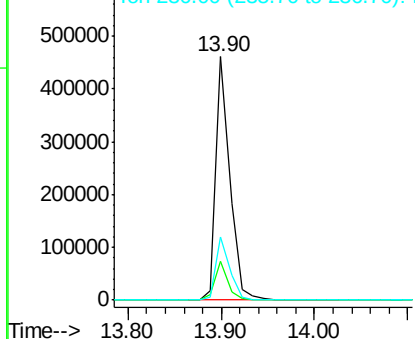


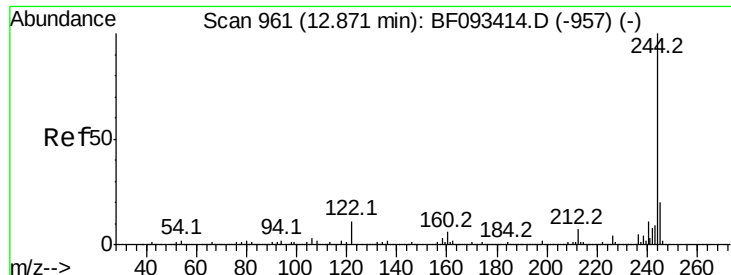
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF093548.D
Acq: 11 Mar 2017 3:33

Tgt Ion:240 Resp: 479897
Ion Ratio Lower Upper
240 100
120 15.9 12.9 19.3
236 26.2 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

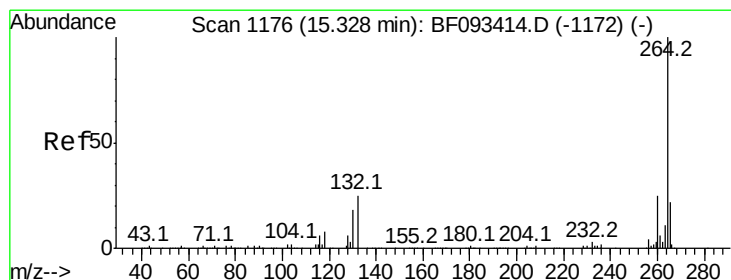
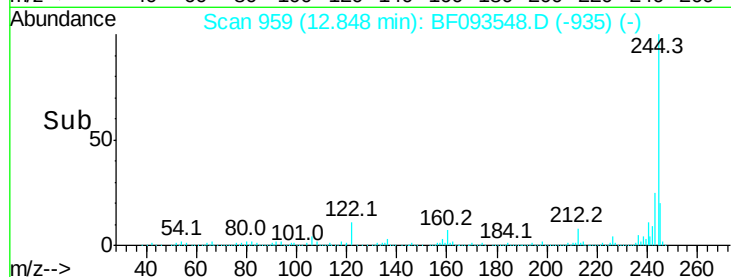
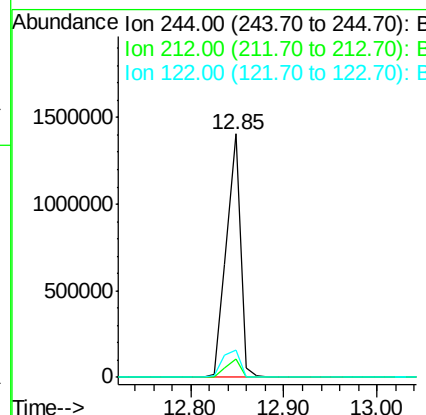
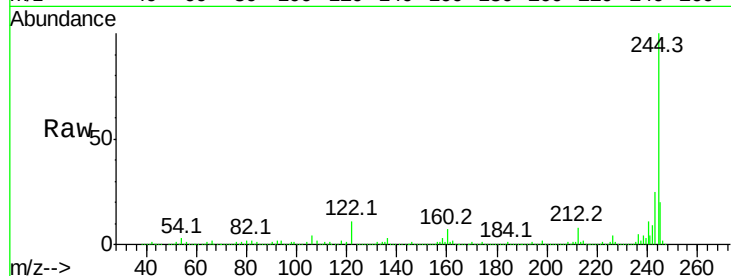




#78
 Terphenyl-d14
 Concen: 79.92 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093548.D
 Acq: 11 Mar 2017 3:33

Instrument :
 BNA_F
 ClientSampleId :
 P-4

Tot Ion:244 Resp: 1475189
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 11.5 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF093548.D
 Acq: 11 Mar 2017 3:33

Tgt Ion:264 Resp: 352252
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.1 17.4 26.0

