

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093501.D
 Acq On : 10 Mar 2017 3:09
 Operator : SJ/MA
 Sample : I2176-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-02

Quant Time: Mar 10 04:24:28 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

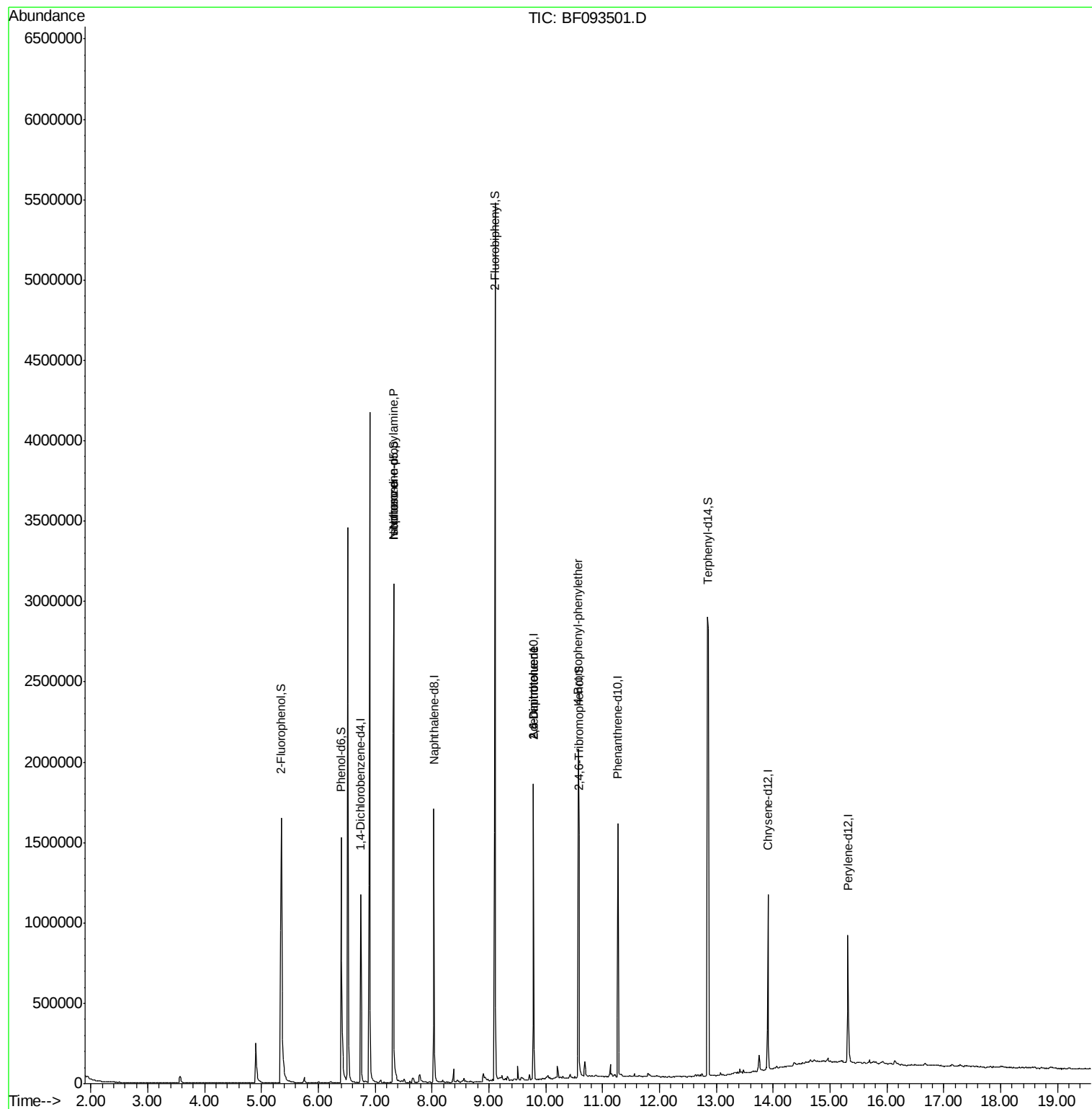
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	189397	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	752199	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	342392	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	564700	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	374448	20.00	ng	-0.01
86) Perylene-d12	15.32	264	347725	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	733835	64.49	ng	0.00
7) Phenol-d6	6.40	99	718935	50.10	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1346743	99.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	315382	141.38	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1699067	92.30	ng	-0.02
78) Terphenyl-d14	12.86	244	1325535	92.04	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.40	77	1421	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	180965	18.34	ng	# 75
25) Isophorone	7.33	82	1329881	48.65	ng	# 65
50) 2,6-Dinitrotoluene	9.78	165	44185	8.87	ng	# 31
56) 2,4-Dinitrotoluene	9.78	165	44389	7.25	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	22637	3.79	ng	# 1

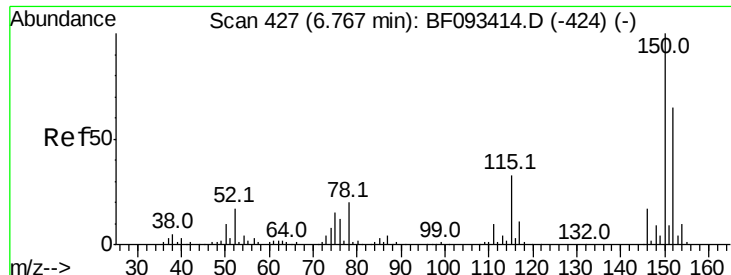
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093501.D

Acq: 10 Mar 2017 3:09

Instrument :

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ClientSampleId :

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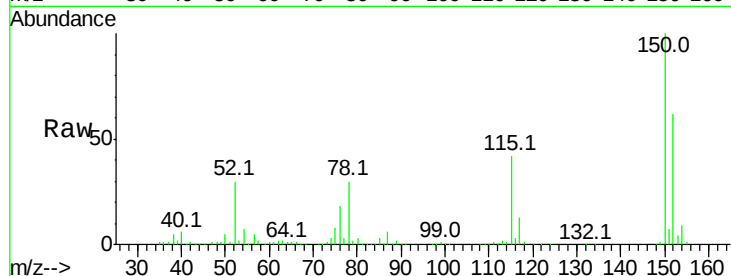
Tot Ion:152 Resp: 189397

Ion Ratio Lower Upper

152 100

150 161.3 124.9 187.3

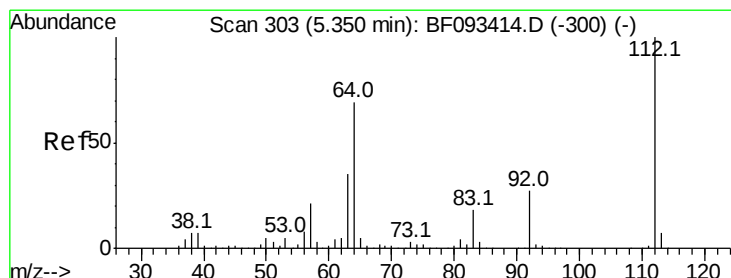
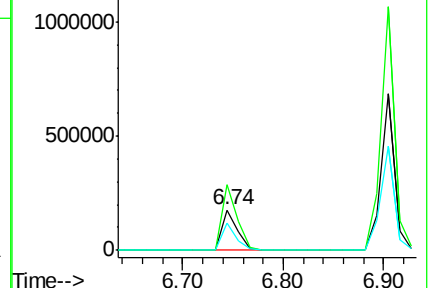
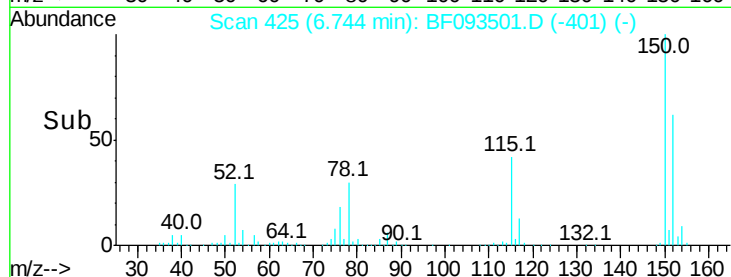
115 67.1 46.0 69.0



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: 64.49 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093501.D

Acq: 10 Mar 2017 3:09

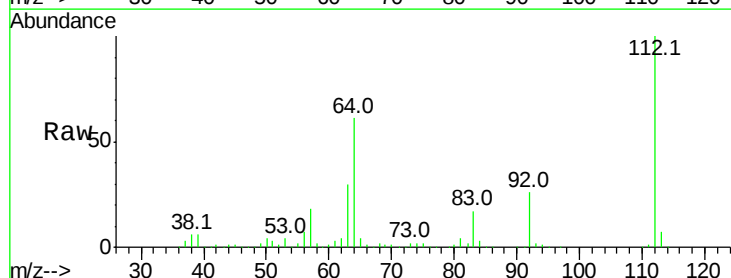
Tgt Ion:112 Resp: 733835

Ion Ratio Lower Upper

112 100

64 60.6 46.1 69.1

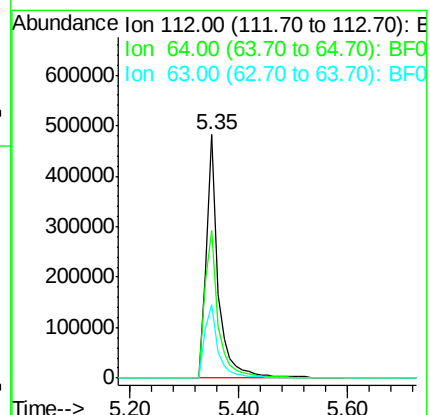
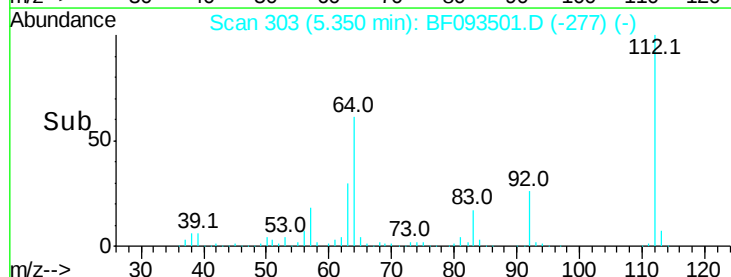
63 30.3 23.8 35.6

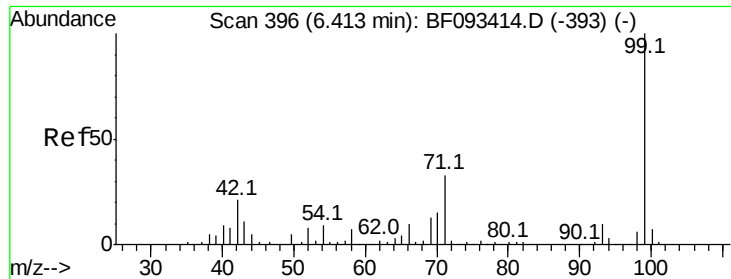


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.10 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093501.D

Acq: 10 Mar 2017 3:09

Instrument :

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ClientSampleId :

P-02

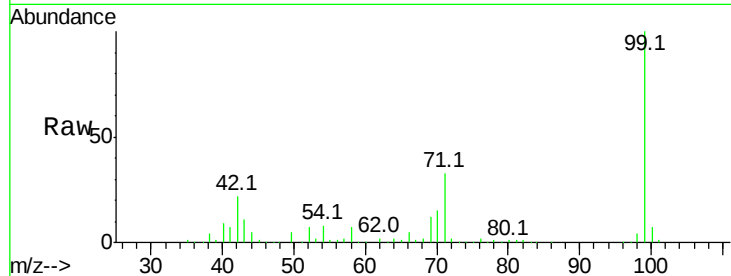
Tot Ion: 99 Resp: 718935

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

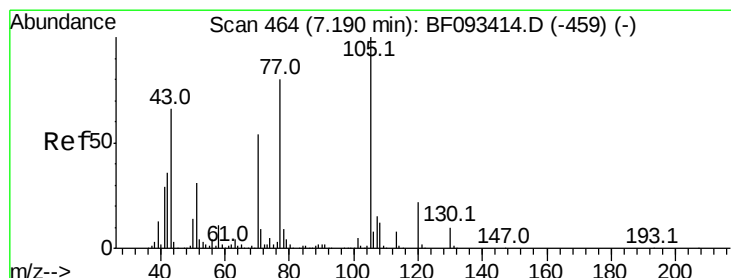
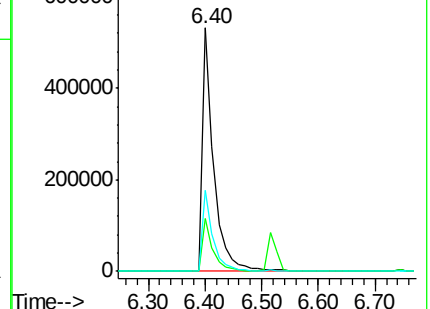
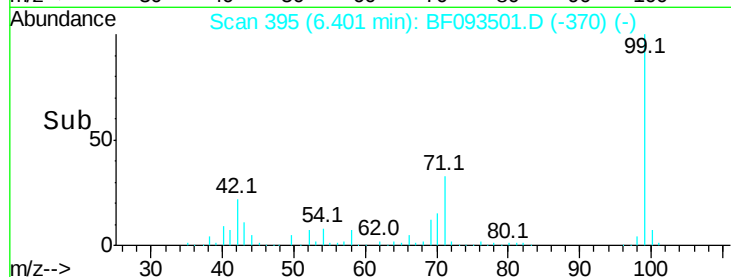
71 33.1 27.5 41.3



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: 18.34 ng

RT: 7.33 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF093501.D

Acq: 10 Mar 2017 3:09

Tgt Ion: 70 Resp: 180965

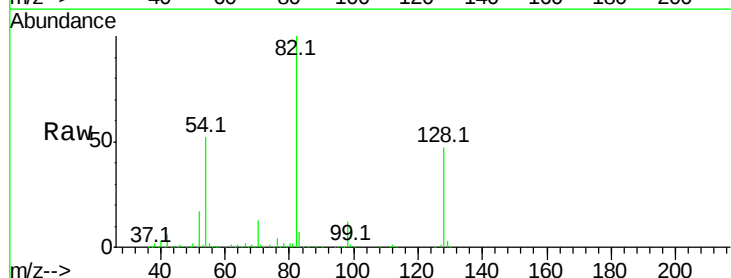
Ion Ratio Lower Upper

70 100

42 45.3 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

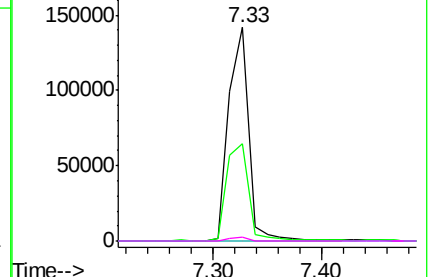
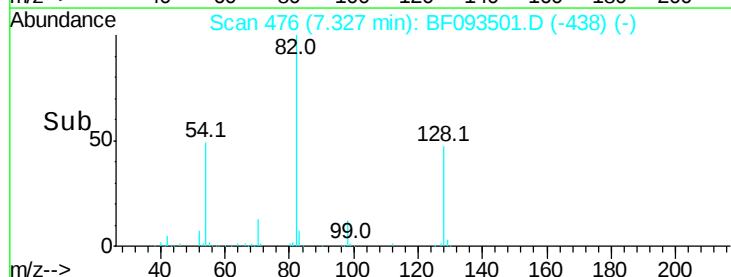


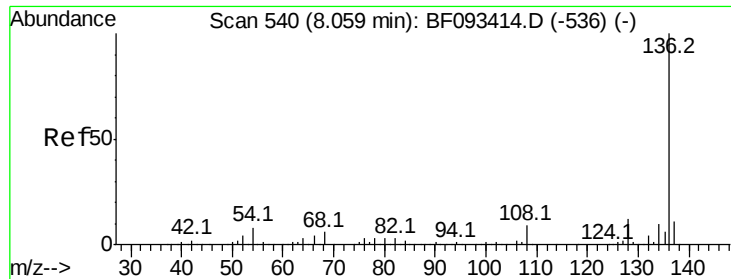
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

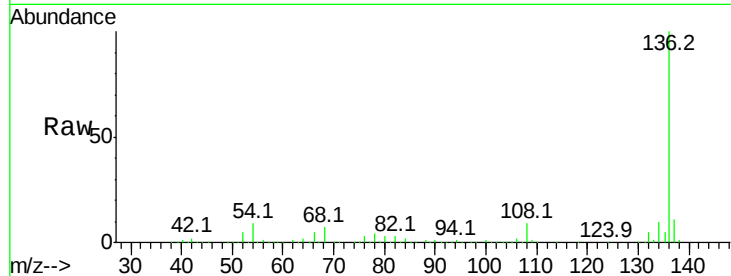




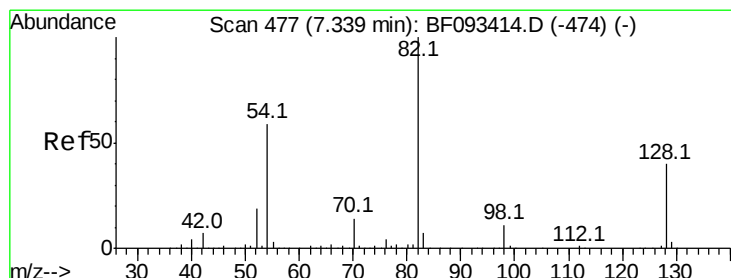
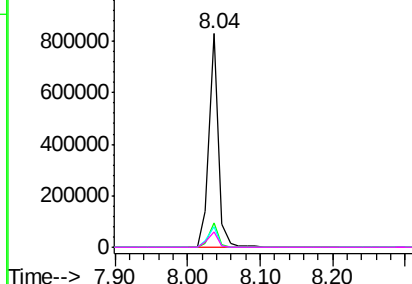
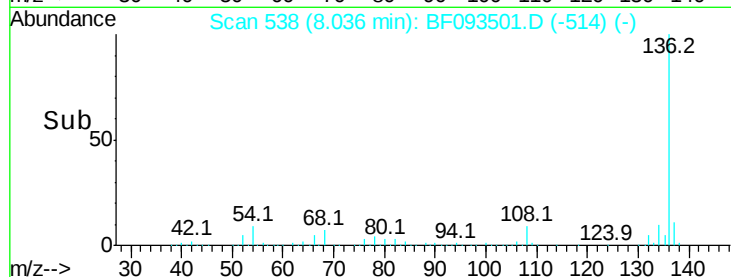
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093501.D
Acq: 10 Mar 2017 3:09

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	136	Resp:	752199
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.4	4.5	6.7#
68	7.0	3.6	5.4#

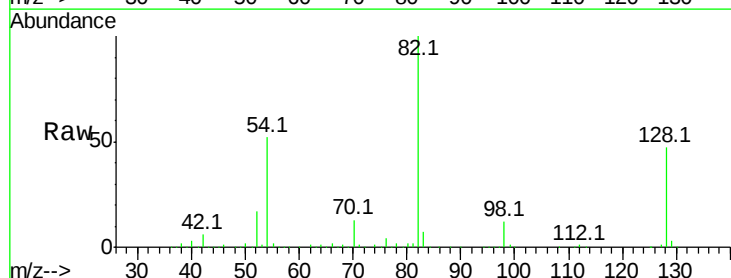


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

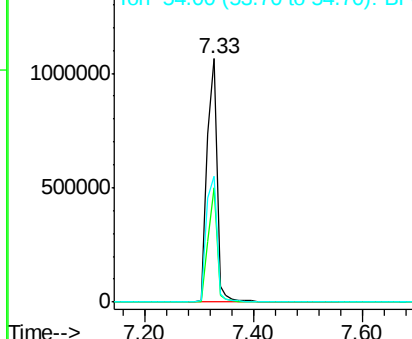
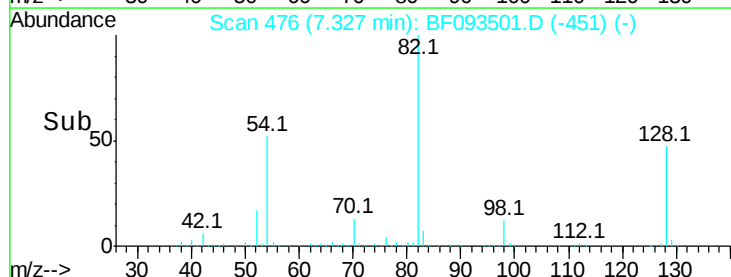


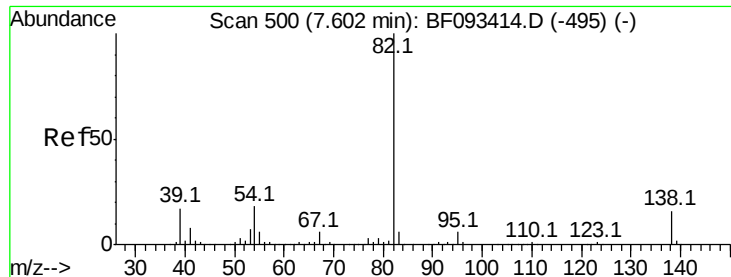
#23
Nitrobenzene-d5
Concen: 99.34 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093501.D
Acq: 10 Mar 2017 3:09

Tgt Ion:	82	Resp:	1346743
Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.6	52.0
54	51.9	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

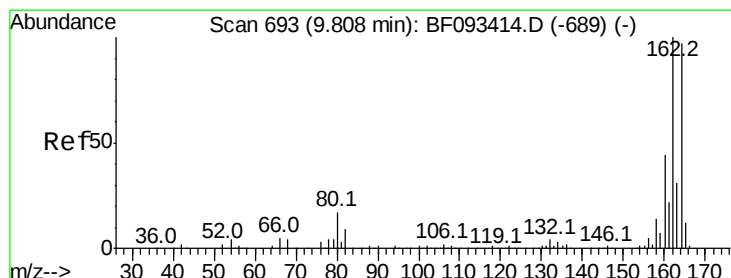
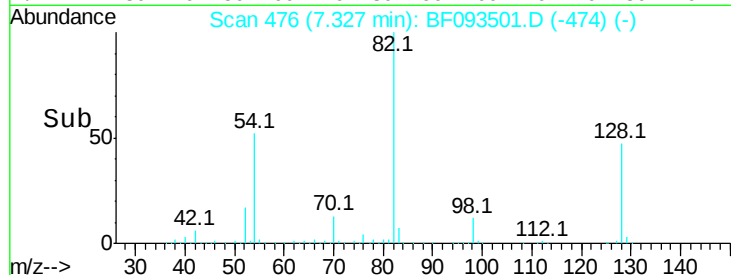
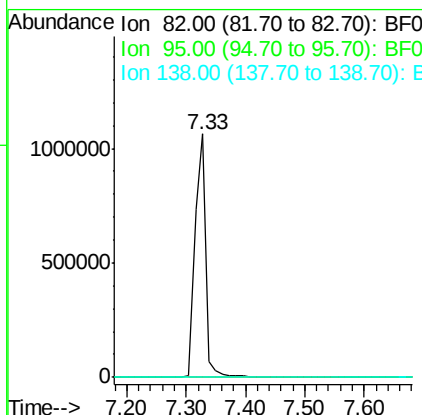
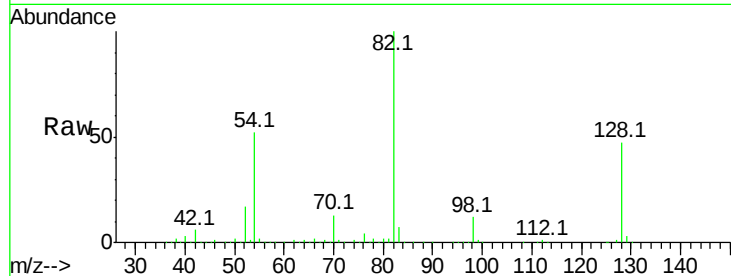




#25
Isophorone
Concen: 48.65 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF093501.D
Acq: 10 Mar 2017 3:09

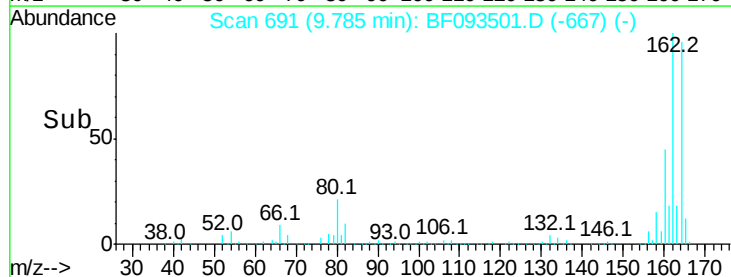
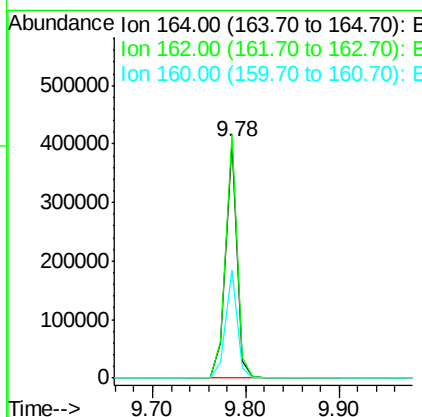
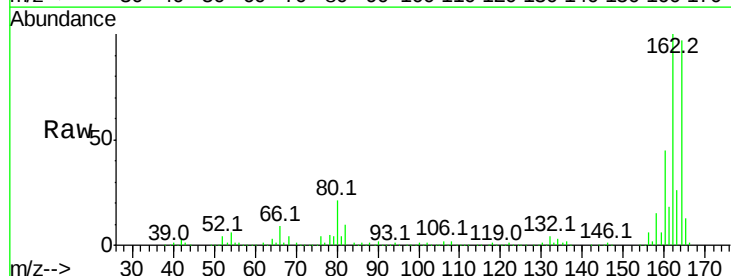
Instrument :
BNA_F
ClientSampleId :
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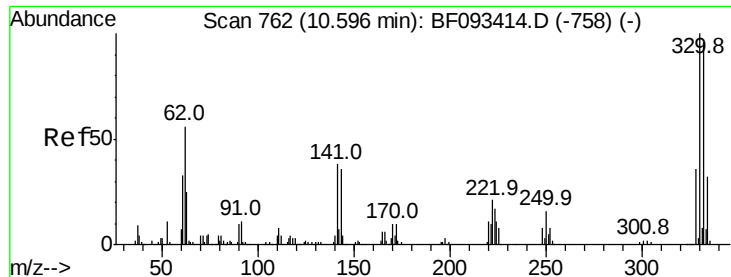
Tot Ion: 82 Resp: 1329881
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF093501.D
Acq: 10 Mar 2017 3:09

Tgt Ion:164 Resp: 342392
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 45.9 36.9 55.3

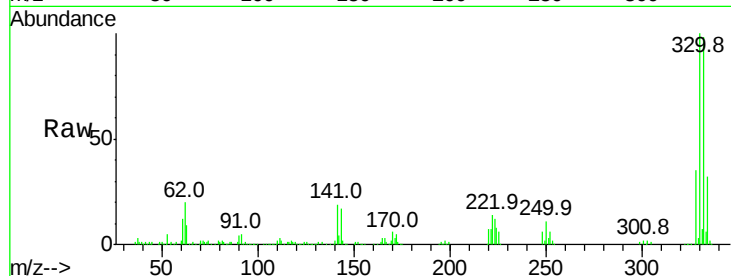




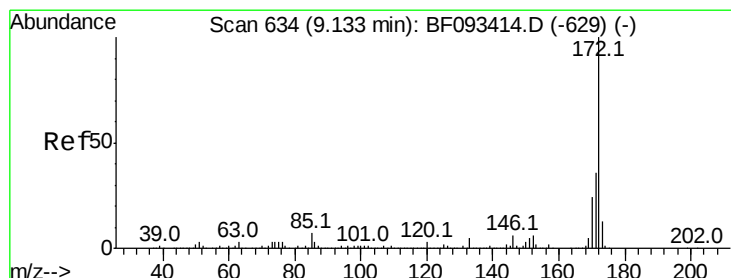
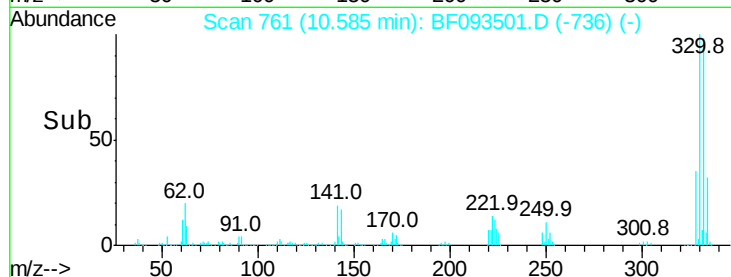
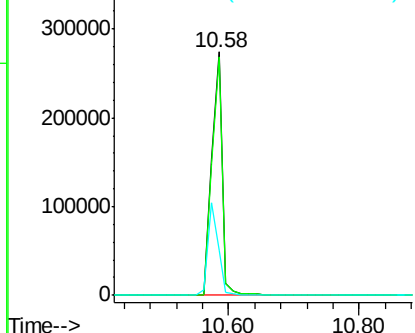
#41
 2,4,6-Tribromophenol
 Concen: 141.38 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093501.D
 Acq: 10 Mar 2017 3:09

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:330 Resp: 315382
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 36.9 34.1 51.1

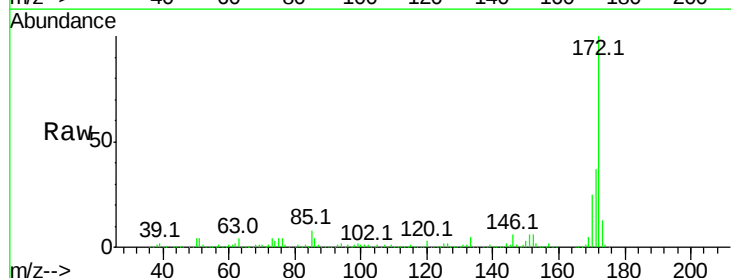


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

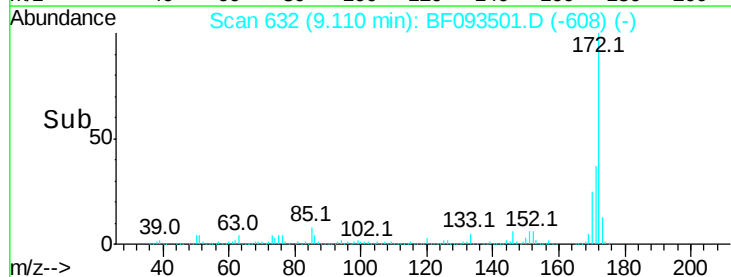
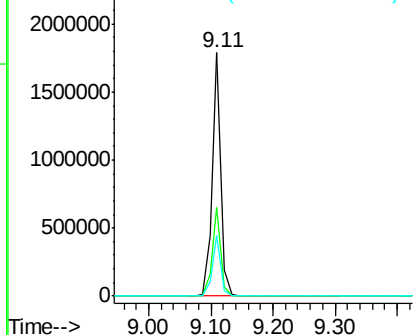


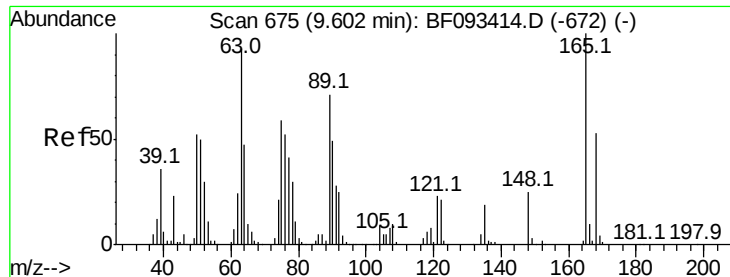
#44
 2-Fluorobiphenyl
 Concen: 92.30 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093501.D
 Acq: 10 Mar 2017 3:09

Tgt Ion:172 Resp: 1699067
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 25.0 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: 8.87 ng

RT: 9.78 min Scan# 691

Delta R.T. 0.18 min

Lab File: BF093501.D

Acq: 10 Mar 2017 3:09

Instrument :

BNA_F

ClientSampleId :

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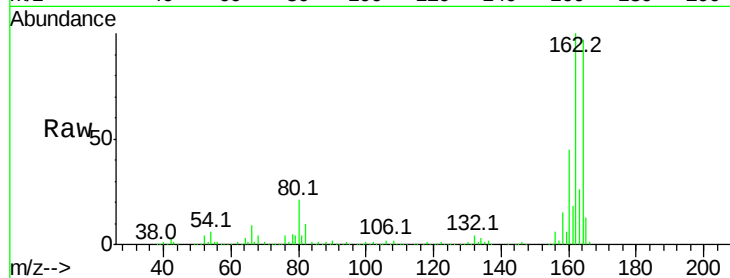
Tot Ion:165 Resp: 44185

Ion Ratio Lower Upper

165 100

63 1.7 36.2 54.4#

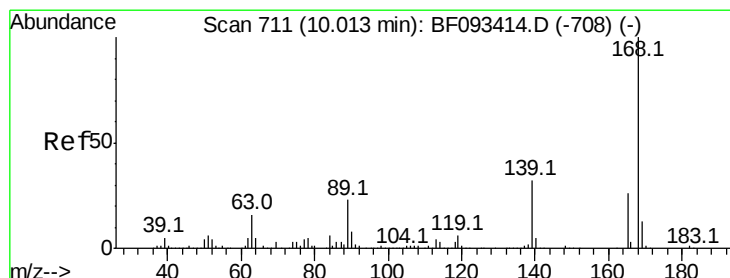
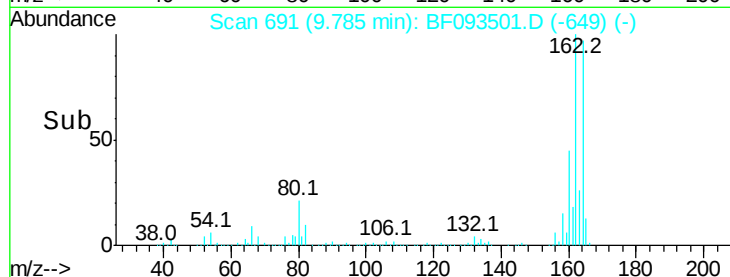
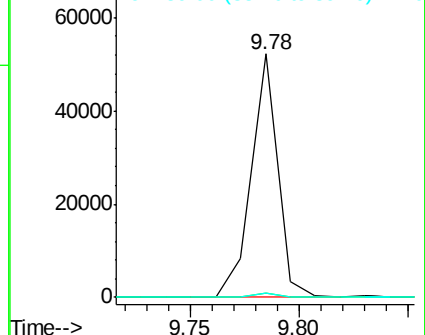
89 1.5 40.2 60.4#



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: 7.25 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.23 min

Lab File: BF093501.D

Acq: 10 Mar 2017 3:09

Tgt Ion:165 Resp: 44389

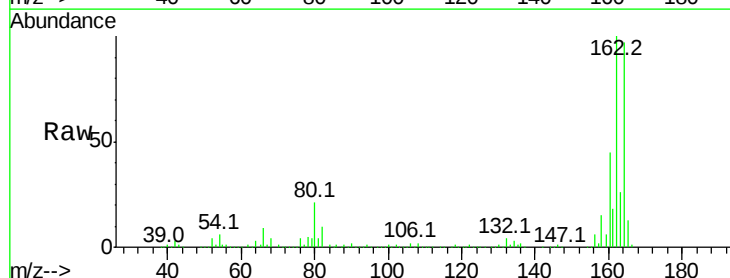
Ion Ratio Lower Upper

165 100

63 1.7 40.2 60.4#

89 1.5 62.5 93.7#

182 0.0 1.8 2.8#

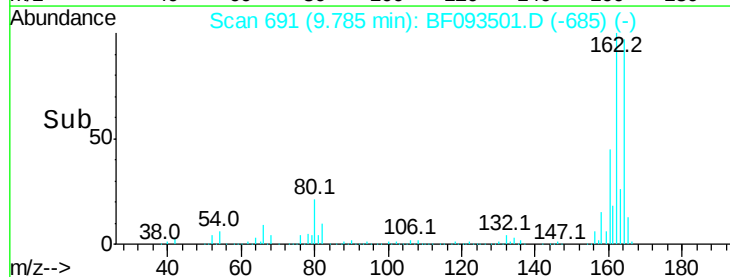
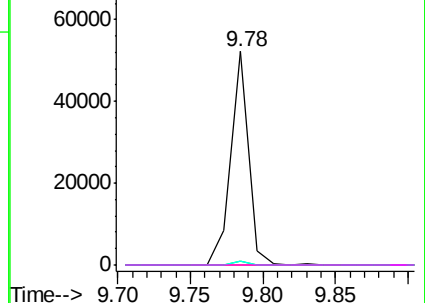


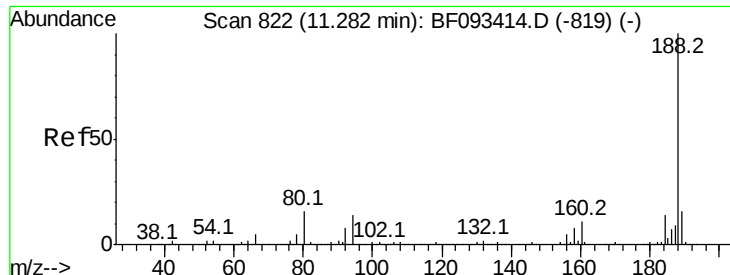
Abundance Ion 165.00 (164.70 to 165.70): E

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

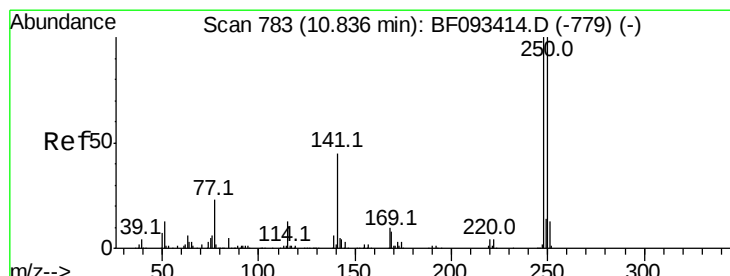
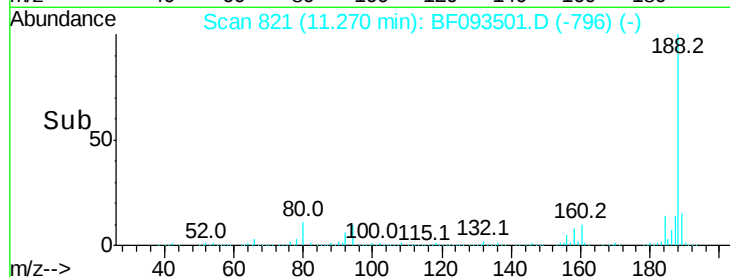
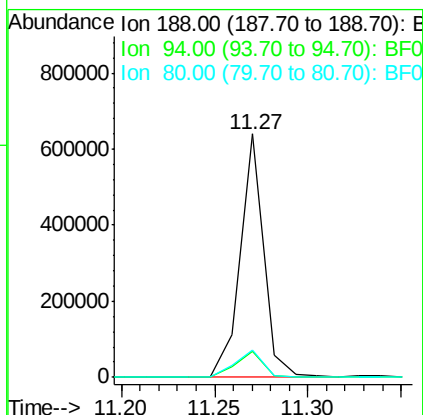
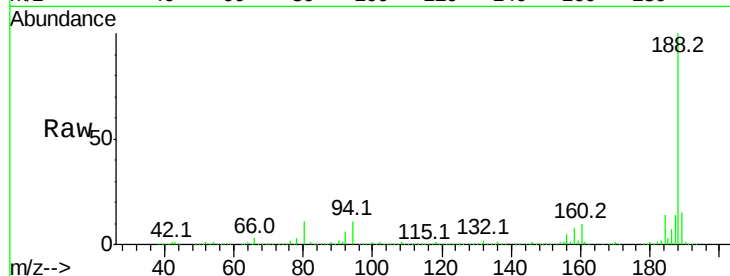




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF093501.D
 Acq: 10 Mar 2017 3:09

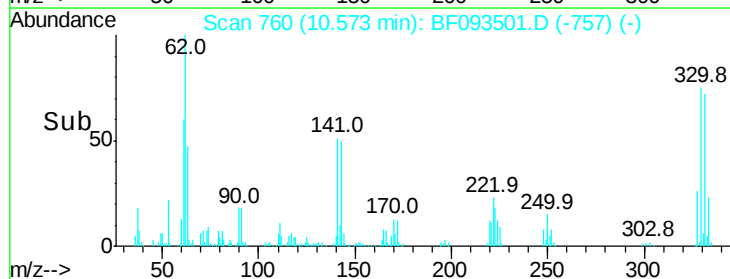
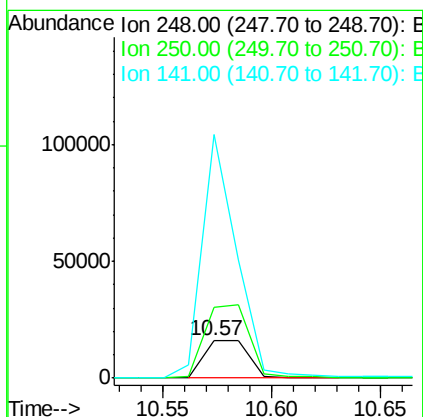
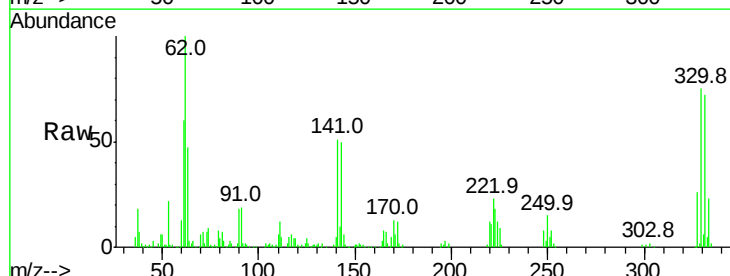
Instrument :
 BNA_F
 ClientSampleId :
 P-02

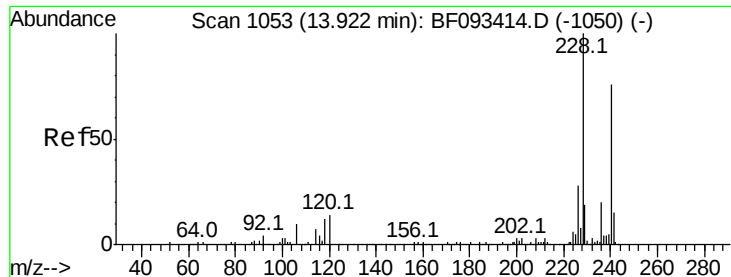
Tot Ion:188 Resp: 564700
 Ion Ratio Lower Upper
 188 100
 94 10.5 10.0 15.0
 80 11.1 11.2 16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.79 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093501.D
 Acq: 10 Mar 2017 3:09

Tgt Ion:248 Resp: 22637
 Ion Ratio Lower Upper
 248 100
 250 190.7 76.9 115.3#
 141 650.4 68.2 102.4#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093501.D

Acq: 10 Mar 2017 3:09

Instrument :

BNA_F

ClientSampled :

P-02

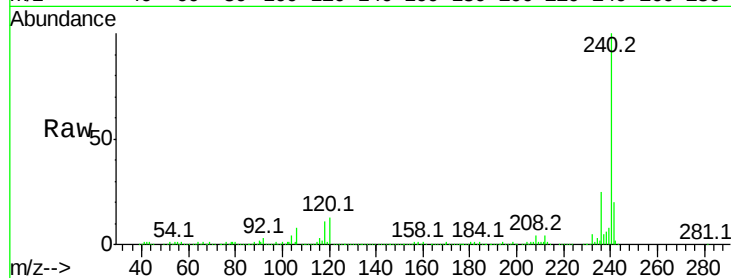
Tot Ion:240 Resp: 374448

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

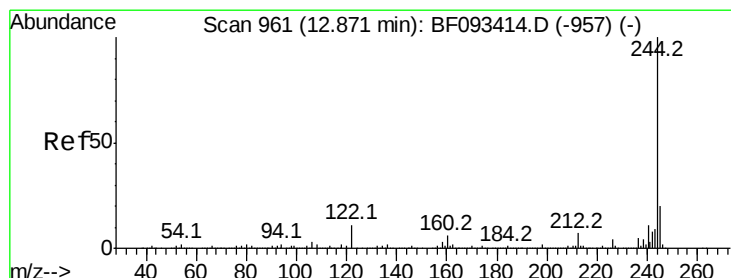
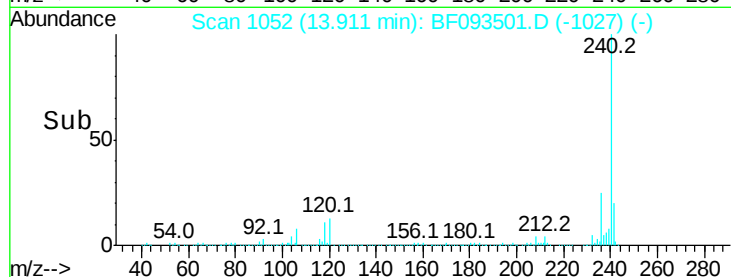
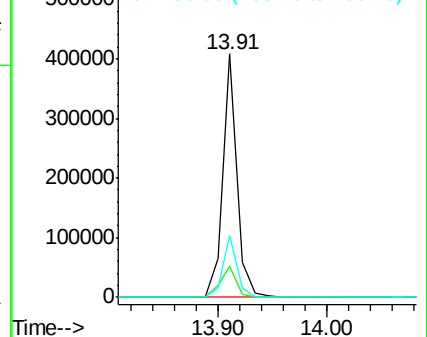
236 25.4 20.9 31.3



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: 92.04 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093501.D

Acq: 10 Mar 2017 3:09

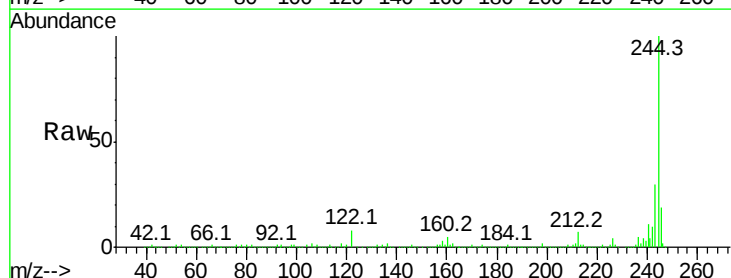
Tgt Ion:244 Resp: 1325535

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

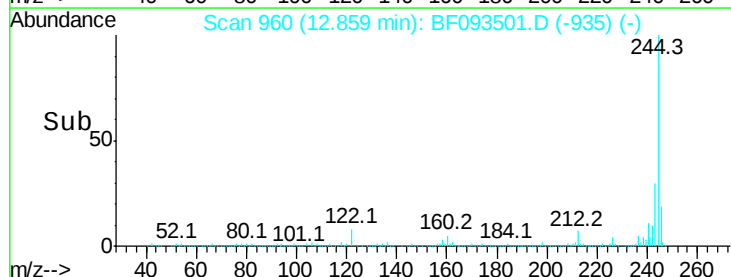
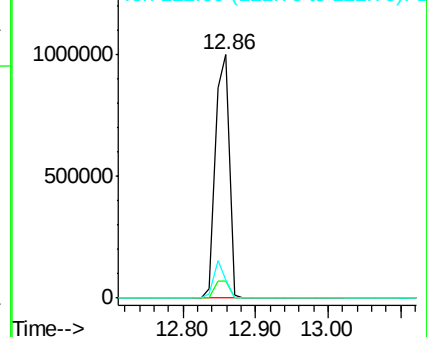
122 7.7 11.4 17.2#

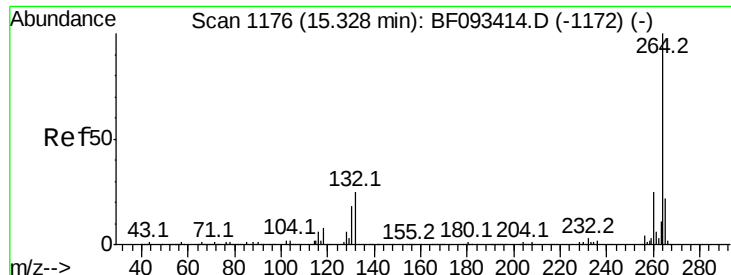


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

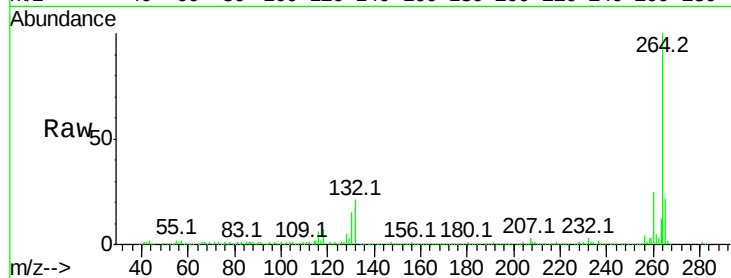




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093501.D
Acq: 10 Mar 2017 3:09

Instrument :
BNA_F
ClientSampleId :
P-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.6	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

