

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093628.D
 Acq On : 14 Mar 2017 1:07
 Operator : SJ/MA
 Sample : PB97546TB
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97546TB

Quant Time: Mar 14 01:51:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

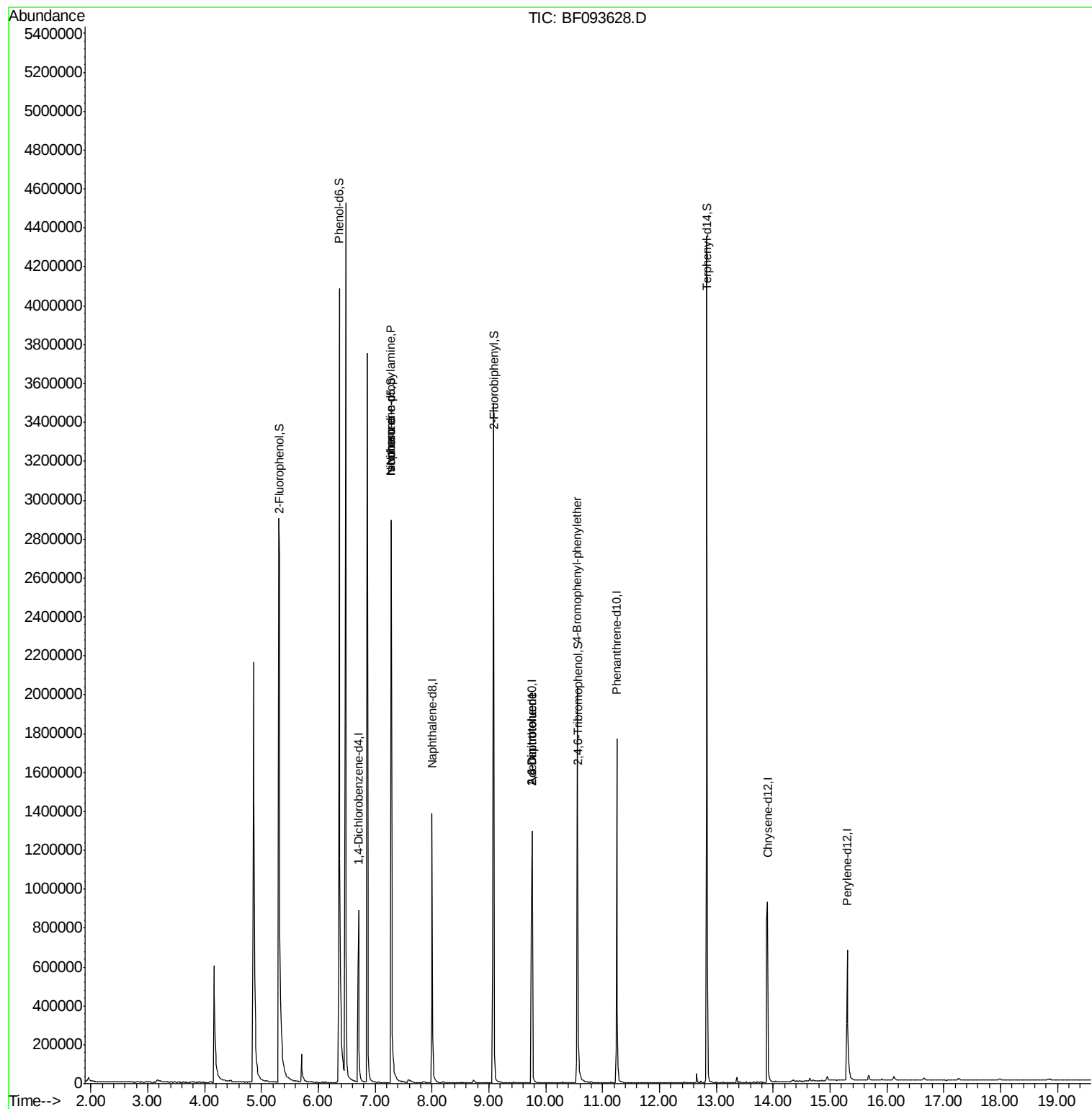
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	182529	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	722256	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	339871	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	662677	20.00	ng	0.00
75) Chrysene-d12	13.90	240	510099	20.00	ng	0.01
86) Perylene-d12	15.31	264	345191	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1450864	132.29	ng	0.00
7) Phenol-d6	6.37	99	1775052	128.35	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1085426	83.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	312604	141.17	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1735776	95.00	ng	0.00
78) Terphenyl-d14	12.84	244	1425990	72.68	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2033	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.28	70	144629	15.21	ng	# 83
25) Isophorone	7.28	82	1051447	40.06	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	42434	8.58	ng	# 32
56) 2,4-Dinitrotoluene	9.76	165	42434	6.99	ng	# 21
66) 4-Bromophenyl-phenylether	10.55	248	22858	3.26	ng	# 1

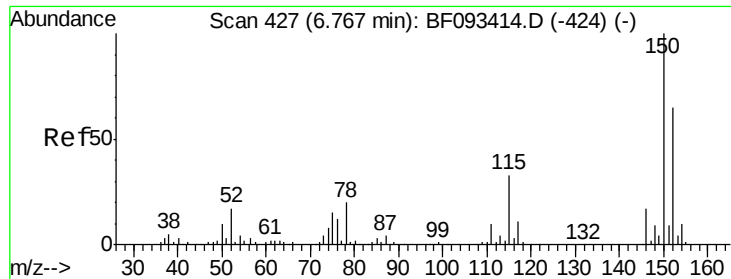
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093628.D

Acq: 14 Mar 2017 1:07

Instrument :

BNA_F

ClientSampleId :

PB97546TB

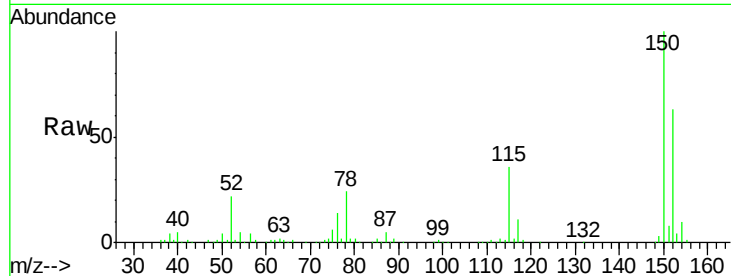
Tgt Ion:152 Resp: 182529

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

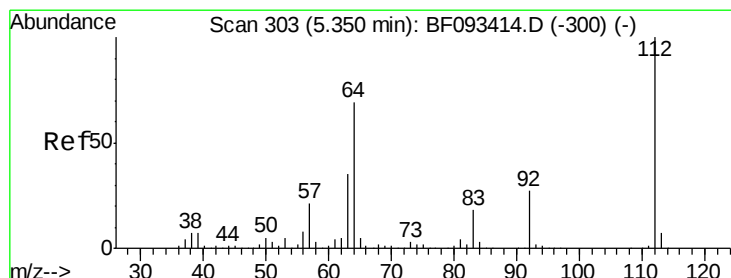
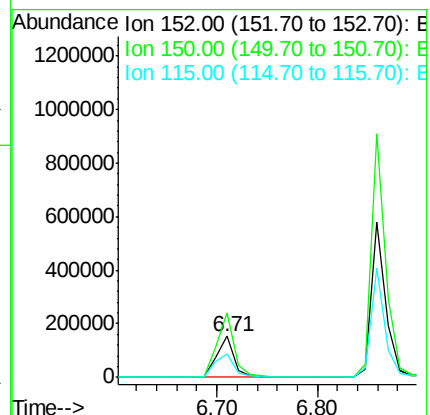
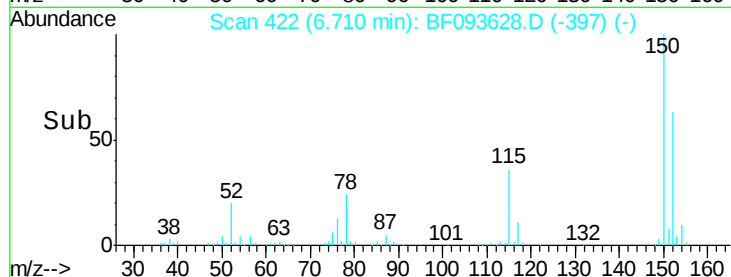
115 57.1 46.0 69.0



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: 132.29 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093628.D

Acq: 14 Mar 2017 1:07

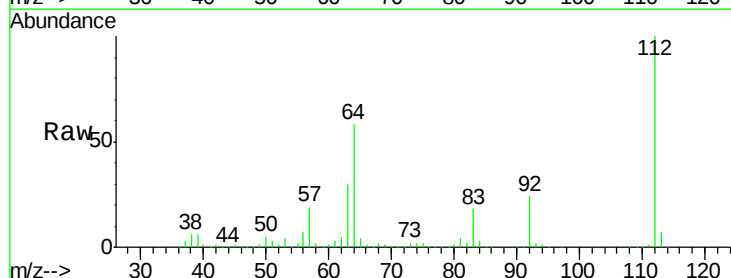
Tgt Ion:112 Resp: 1450864

Ion Ratio Lower Upper

112 100

64 58.3 46.1 69.1

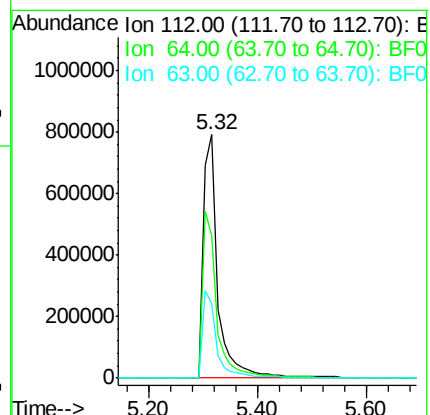
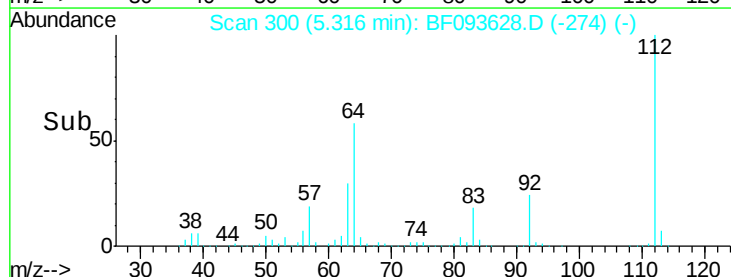
63 30.5 23.8 35.6

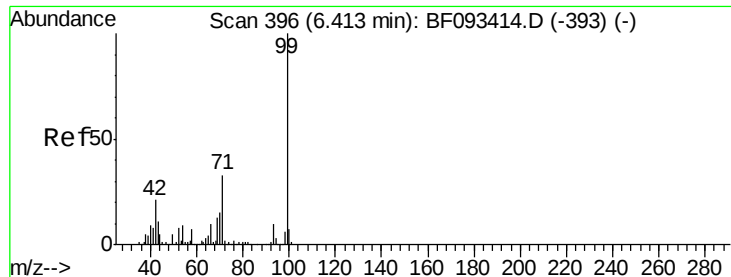


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.35 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093628.D

Acq: 14 Mar 2017 1:07

Instrument :

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PB97546TB

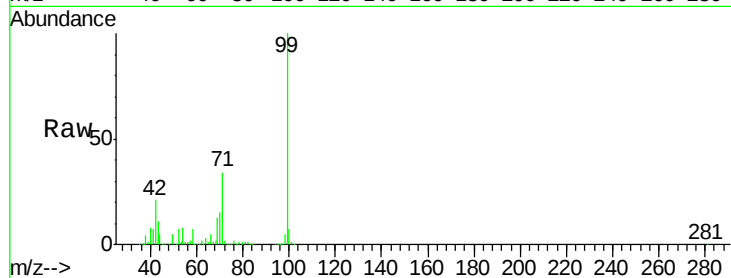
Tgt Ion: 99 Resp: 1775052

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

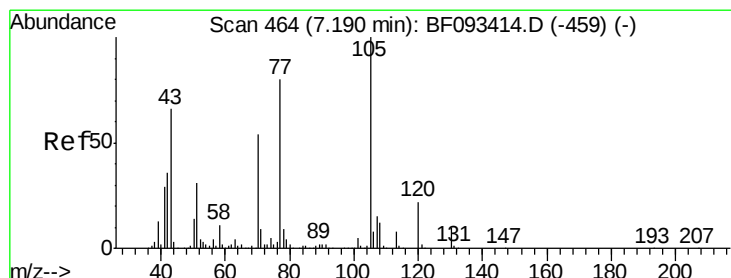
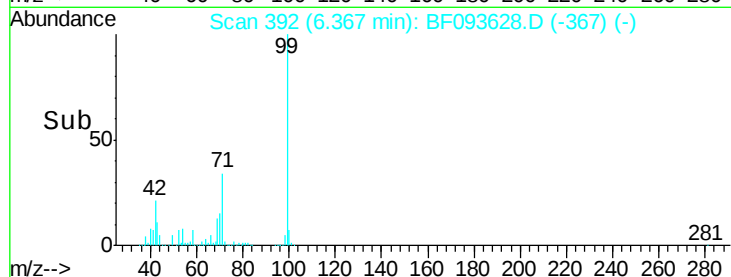
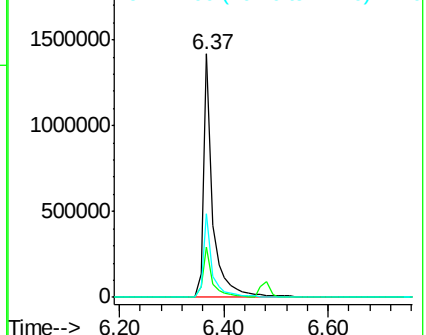
71 34.1 27.5 41.3



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: 15.21 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093628.D

Acq: 14 Mar 2017 1:07

Tgt Ion: 70 Resp: 144629

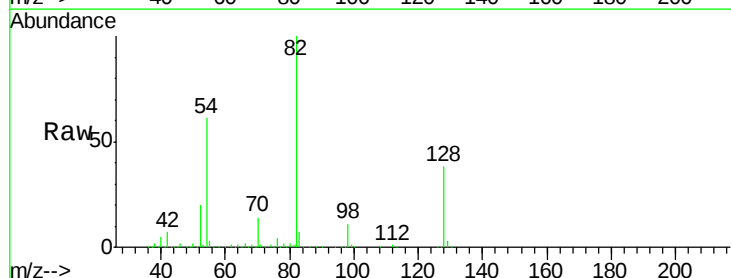
Ion Ratio Lower Upper

70 100

42 54.2 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

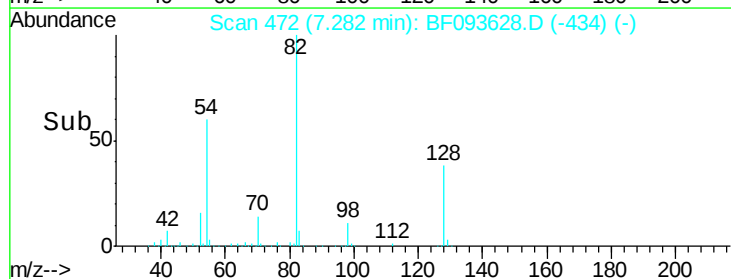
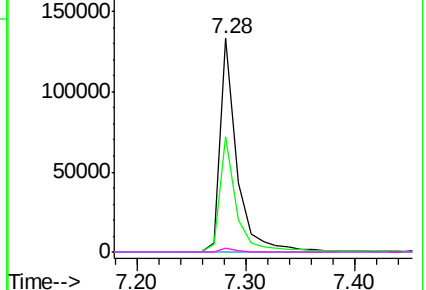


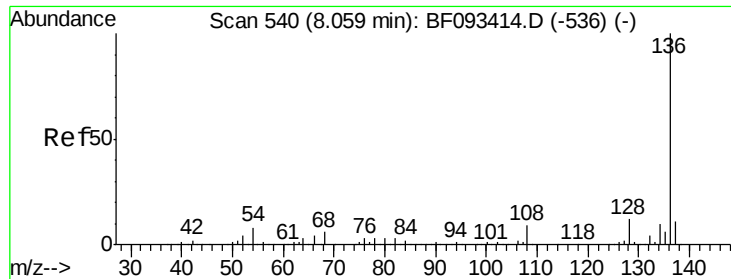
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

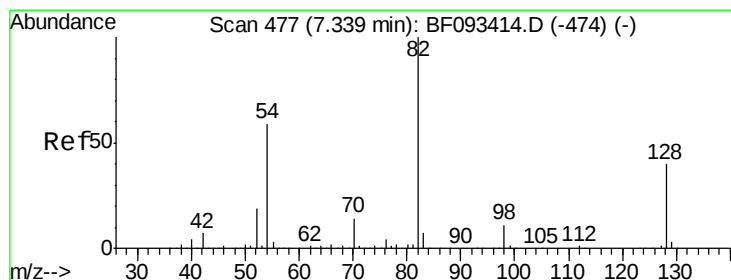
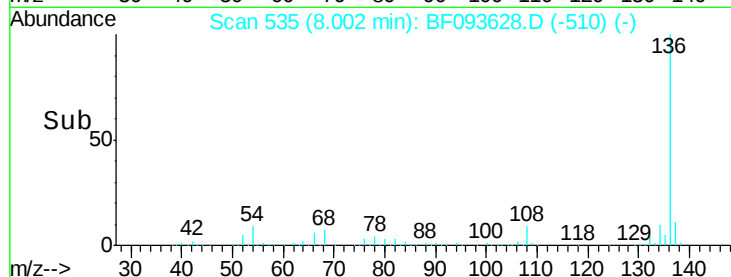
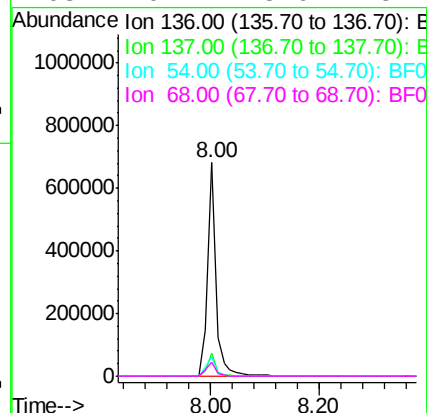
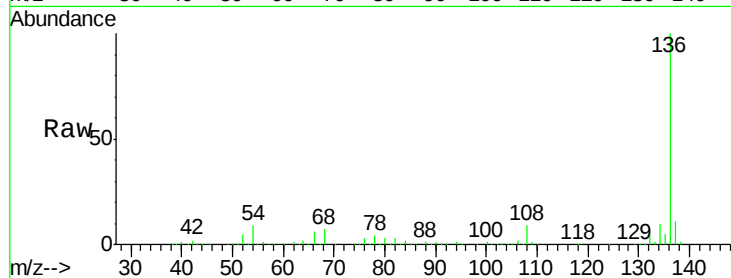




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093628.D
Acq: 14 Mar 2017 1:07

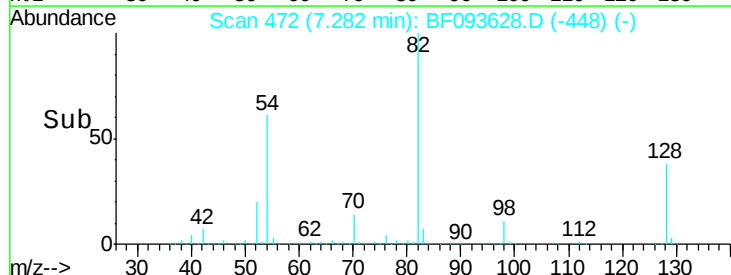
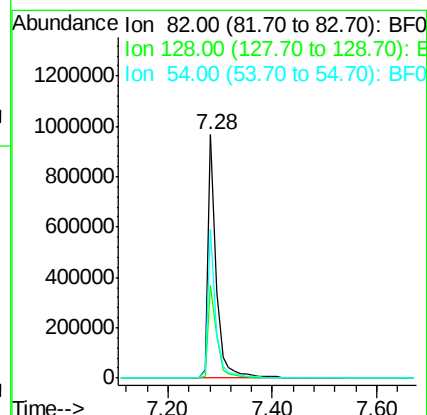
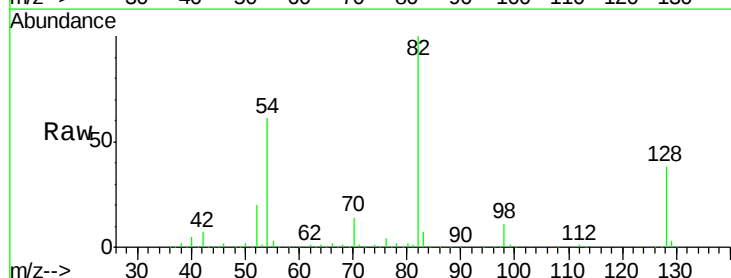
Instrument :
BNA_F
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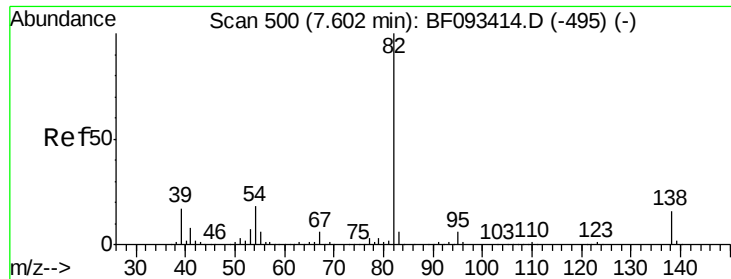
Tgt Ion:	136	Resp:	722256
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.4	12.6
54	9.1	4.5	6.7#
68	6.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 83.38 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093628.D
Acq: 14 Mar 2017 1:07

Tgt Ion:	82	Resp:	1085426
Ion Ratio	Lower	Upper	
82	100		
128	38.0	34.6	52.0
54	61.1	39.5	59.3#





#25

Isophorone

Concen: 40.06 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093628.D

Acq: 14 Mar 2017 1:07

Instrument :

BNA_F

ClientSampleId :

PB97546TB

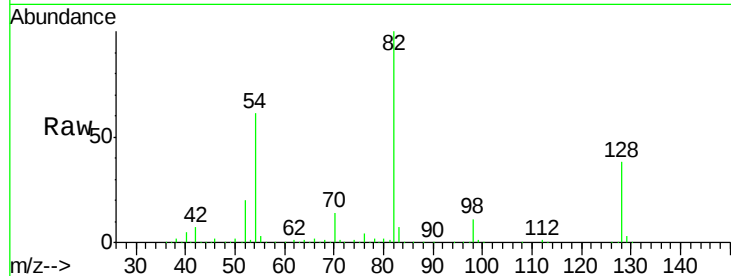
Tgt Ion: 82 Resp: 1051447

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

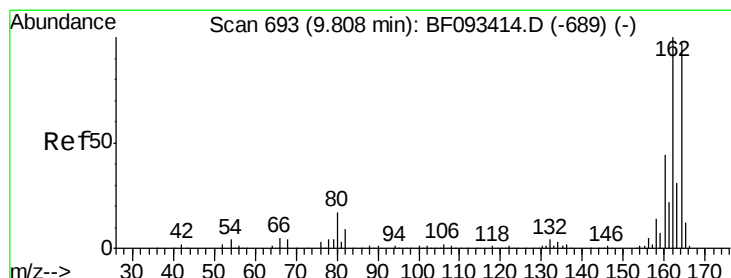
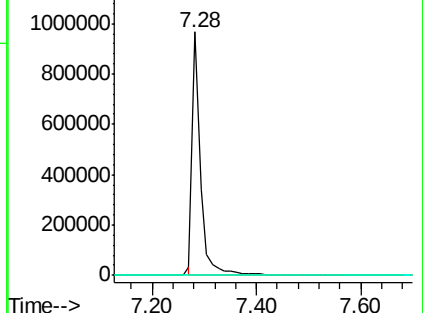
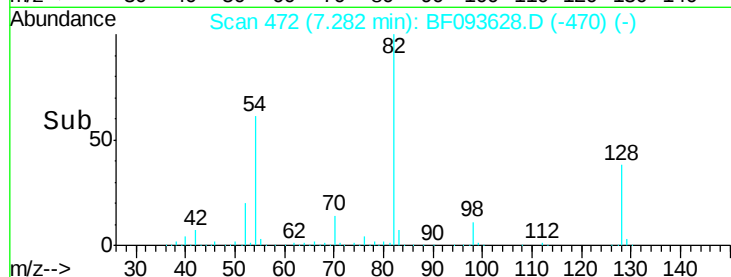
138 0.0 14.6 22.0#



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: 9.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF093628.D

Acq: 14 Mar 2017 1:07

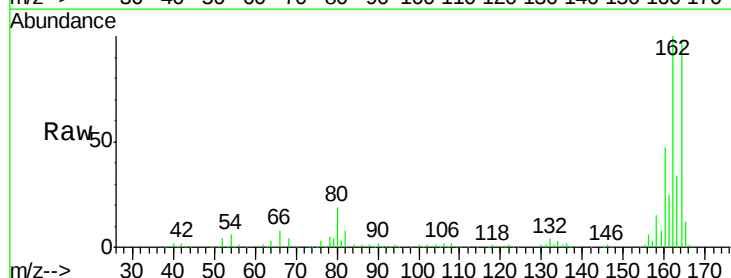
Tgt Ion: 164 Resp: 339871

Ion Ratio Lower Upper

164 100

162 102.4 80.2 120.2

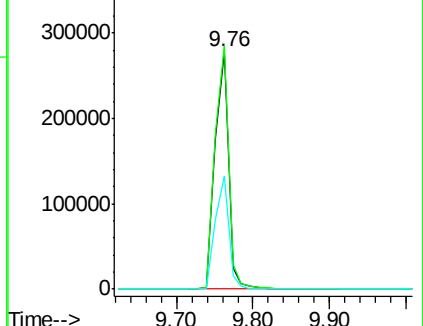
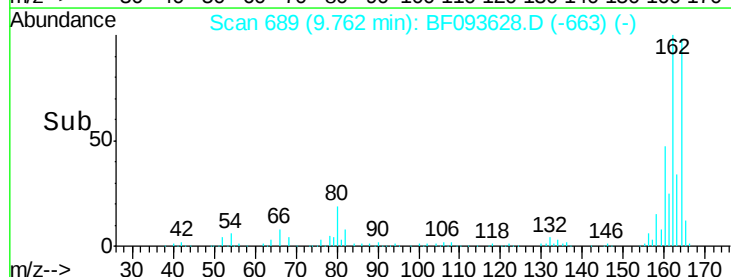
160 47.7 36.9 55.3

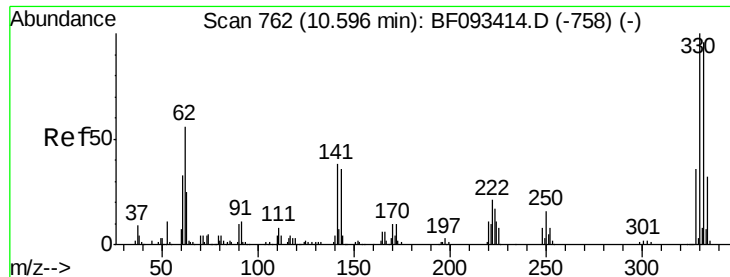


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

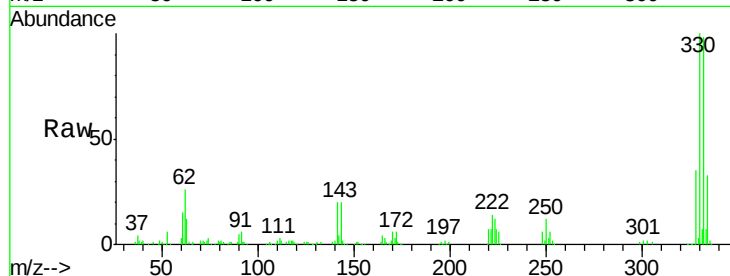




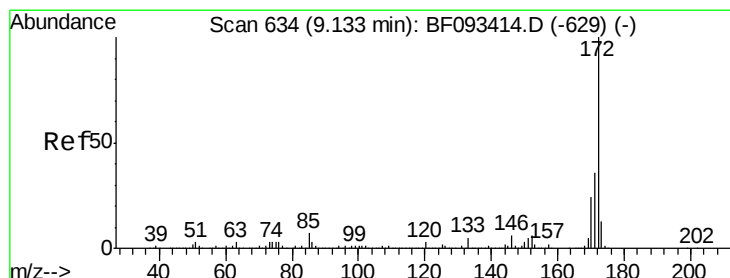
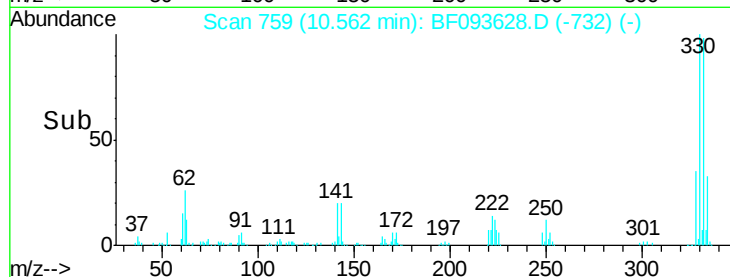
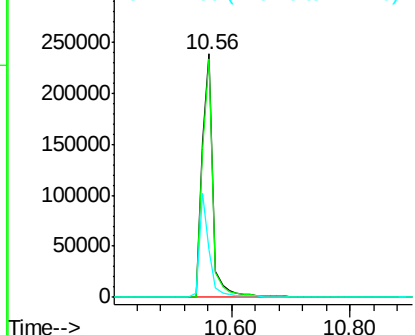
#41
 2,4,6-Tribromophenol
 Concen: 141.17 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093628.D
 Acq: 14 Mar 2017 1:07

Instrument :
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Tgt Ion:330 Resp: 312604
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 39.9 34.1 51.1

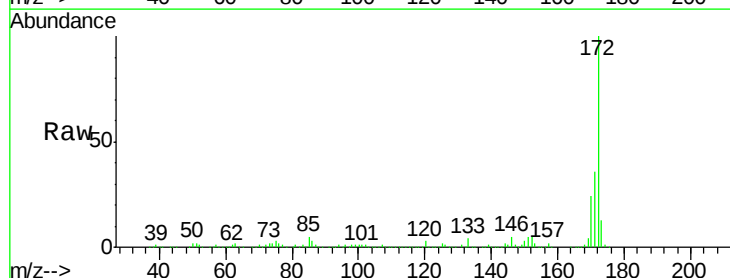


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

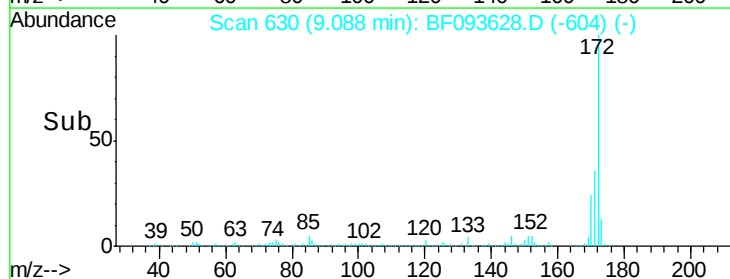
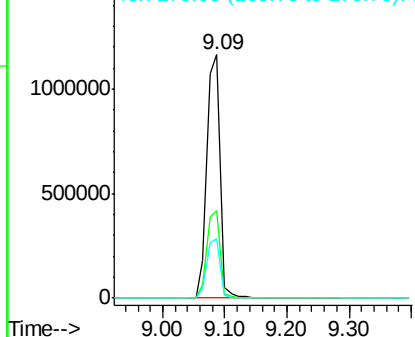


#44
 2-Fluorobiphenyl
 Concen: 95.00 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093628.D
 Acq: 14 Mar 2017 1:07

Tgt Ion:172 Resp: 1735776
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.4 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

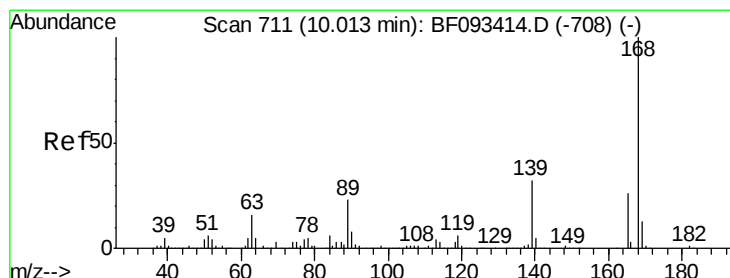
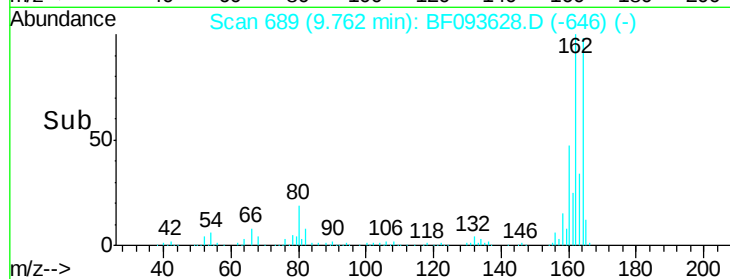
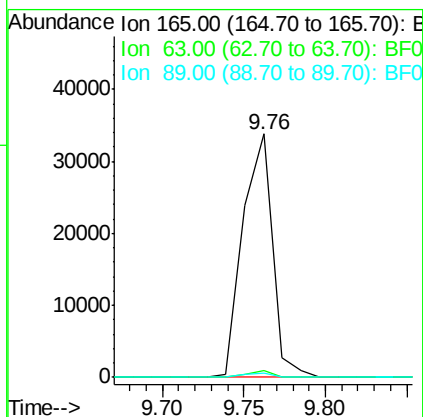
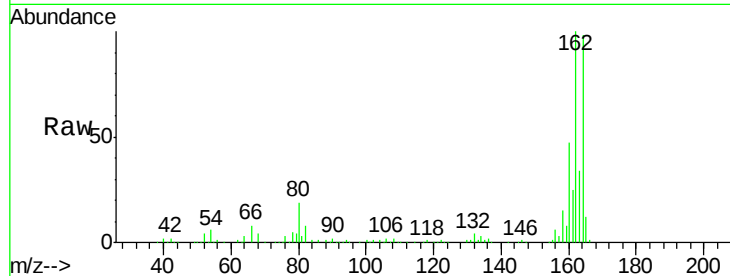




#50
2,6-Dinitrotoluene
Concen: 8.58 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.19 min
Lab File: BF093628.D
Acq: 14 Mar 2017 1:07

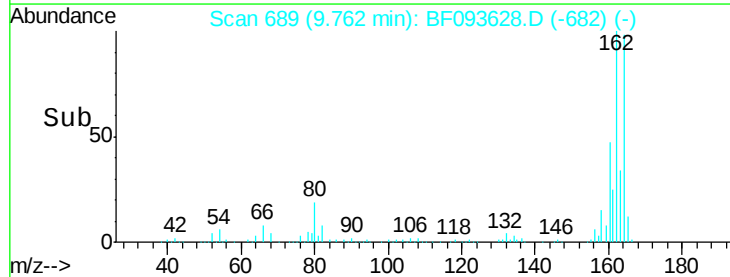
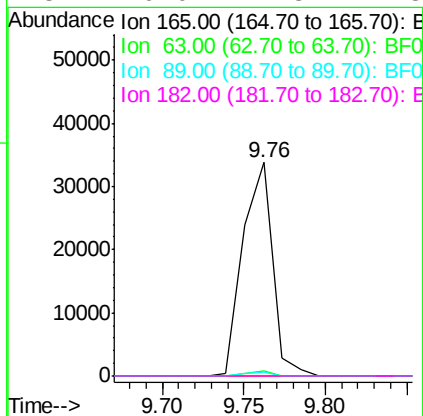
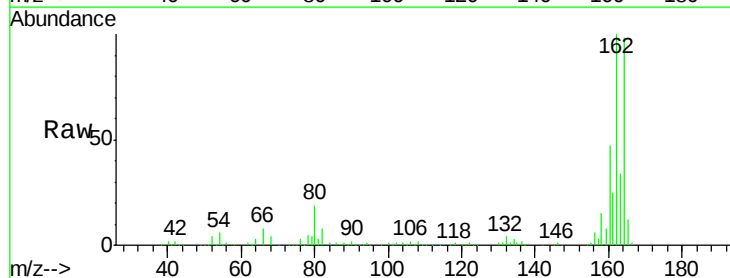
Instrument :
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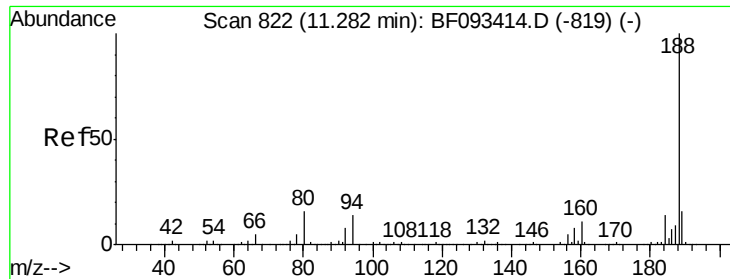
Tgt Ion:165 Resp: 42434
Ion Ratio Lower Upper
165 100
63 2.7 36.2 54.4#
89 1.8 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 6.99 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.22 min
Lab File: BF093628.D
Acq: 14 Mar 2017 1:07

Tgt Ion:165 Resp: 42434
Ion Ratio Lower Upper
165 100
63 2.7 40.2 60.4#
89 1.8 62.5 93.7#
182 0.0 1.8 2.8#

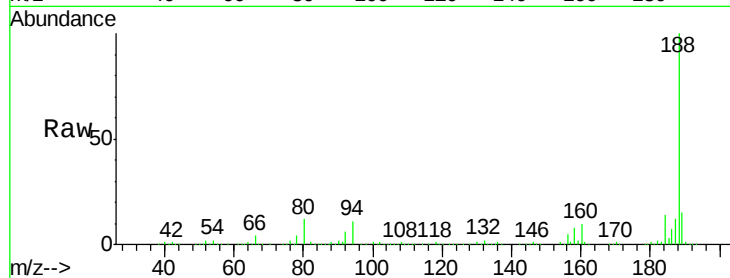




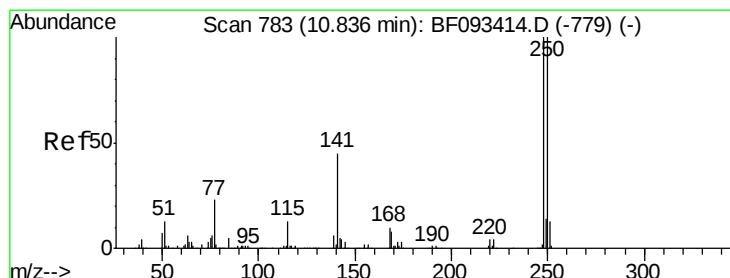
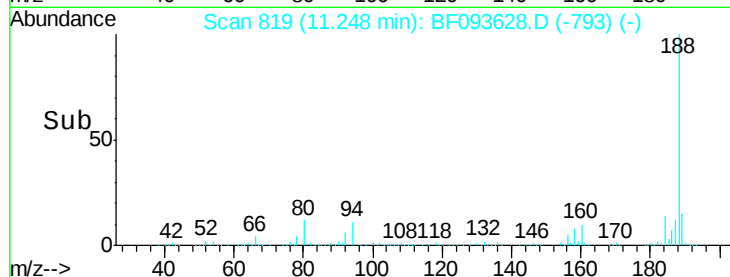
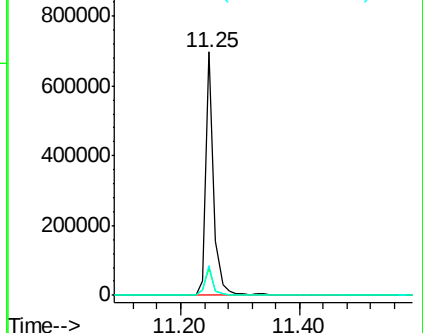
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093628.D
Acq: 14 Mar 2017 1:07

Instrument :
BNA_F
ClientSampleId :
PB97546TB

Tgt Ion:188 Resp: 662677
Ion Ratio Lower Upper
188 100
94 11.5 10.0 15.0
80 12.2 11.2 16.8

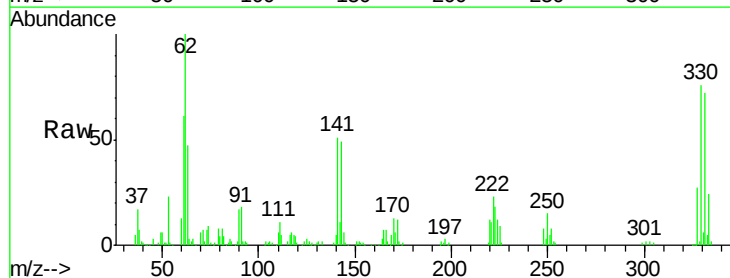


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

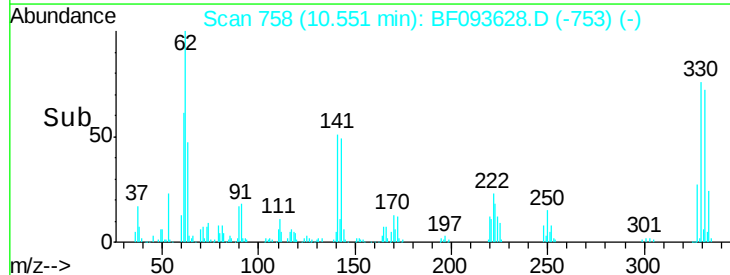
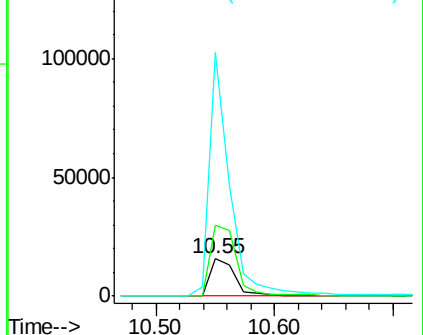


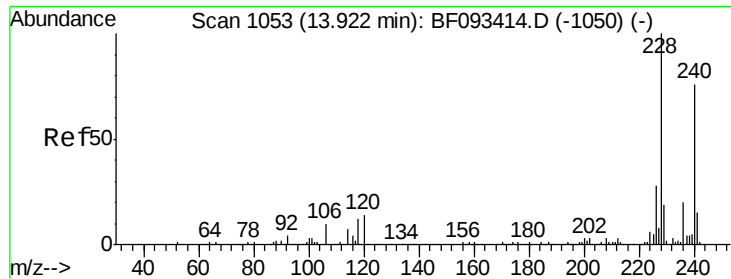
#66
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093628.D
Acq: 14 Mar 2017 1:07

Tgt Ion:248 Resp: 22858
Ion Ratio Lower Upper
248 100
250 191.2 76.9 115.3#
141 653.9 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

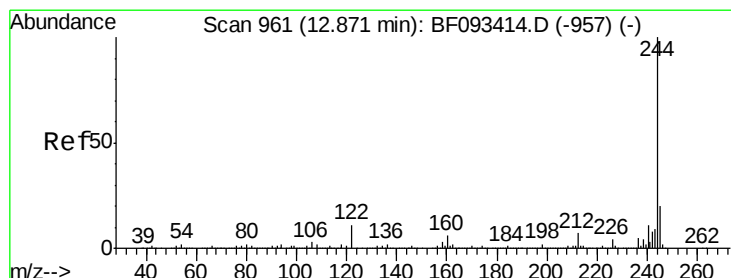
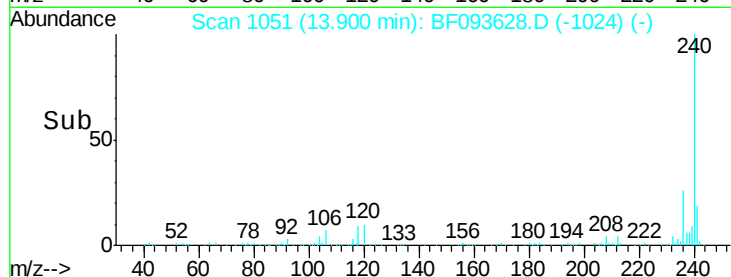
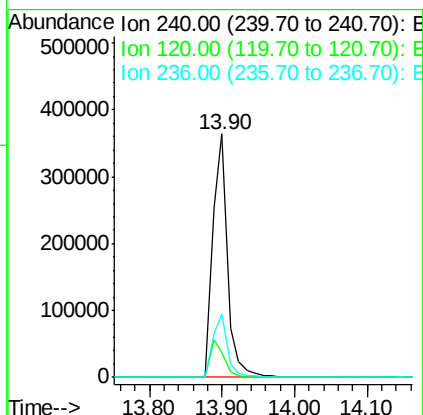
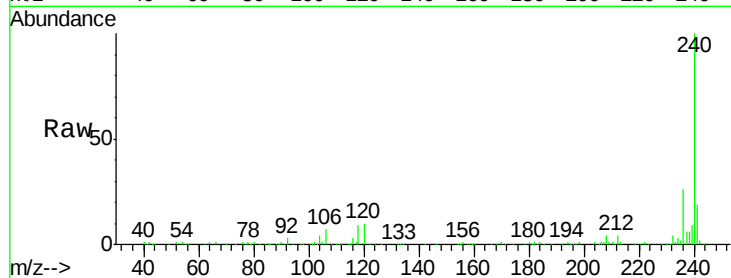




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF093628.D
 Acq: 14 Mar 2017 1:07

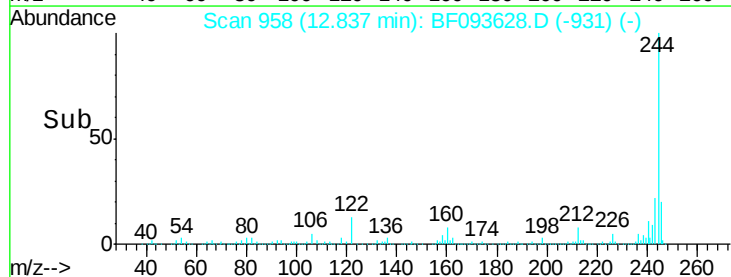
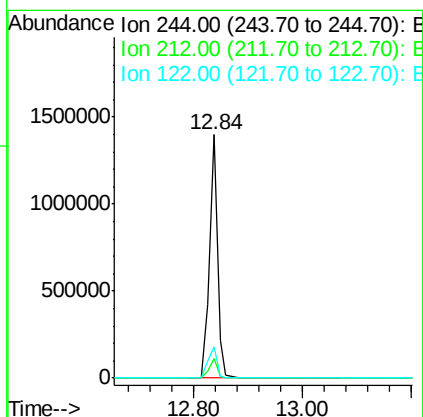
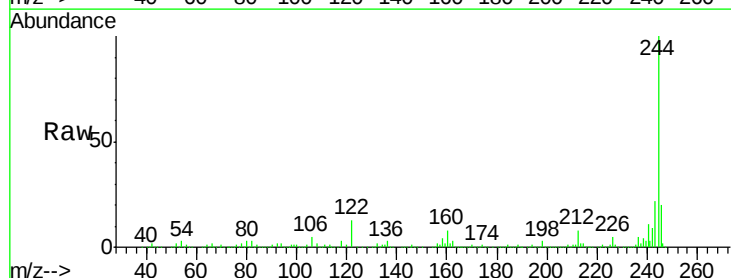
Instrument :
 BNA_F
 ClientSampleId :
 PB97546TB

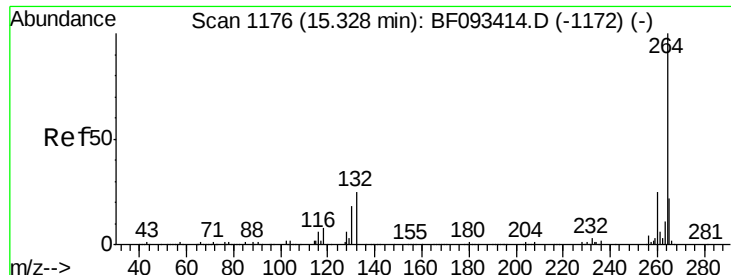
Tgt Ion:240 Resp: 510099
 Ion Ratio Lower Upper
 240 100
 120 10.1 12.9 19.3#
 236 26.0 20.9 31.3



#78
 Terphenyl-d14
 Concen: 72.68 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093628.D
 Acq: 14 Mar 2017 1:07

Tgt Ion:244 Resp: 1425990
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 12.6 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: BF093628.D
Acq: 14 Mar 2017 1:07

Instrument :
BNA_F
ClientSampleId :
PB97546TB

Tgt Ion: 264 Resp: 345191
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.5 17.4 26.0

