

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093652.D
 Acq On : 14 Mar 2017 12:13
 Operator : SJ/MA
 Sample : PB97542TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97542TB

Quant Time: Mar 15 02:31:17 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

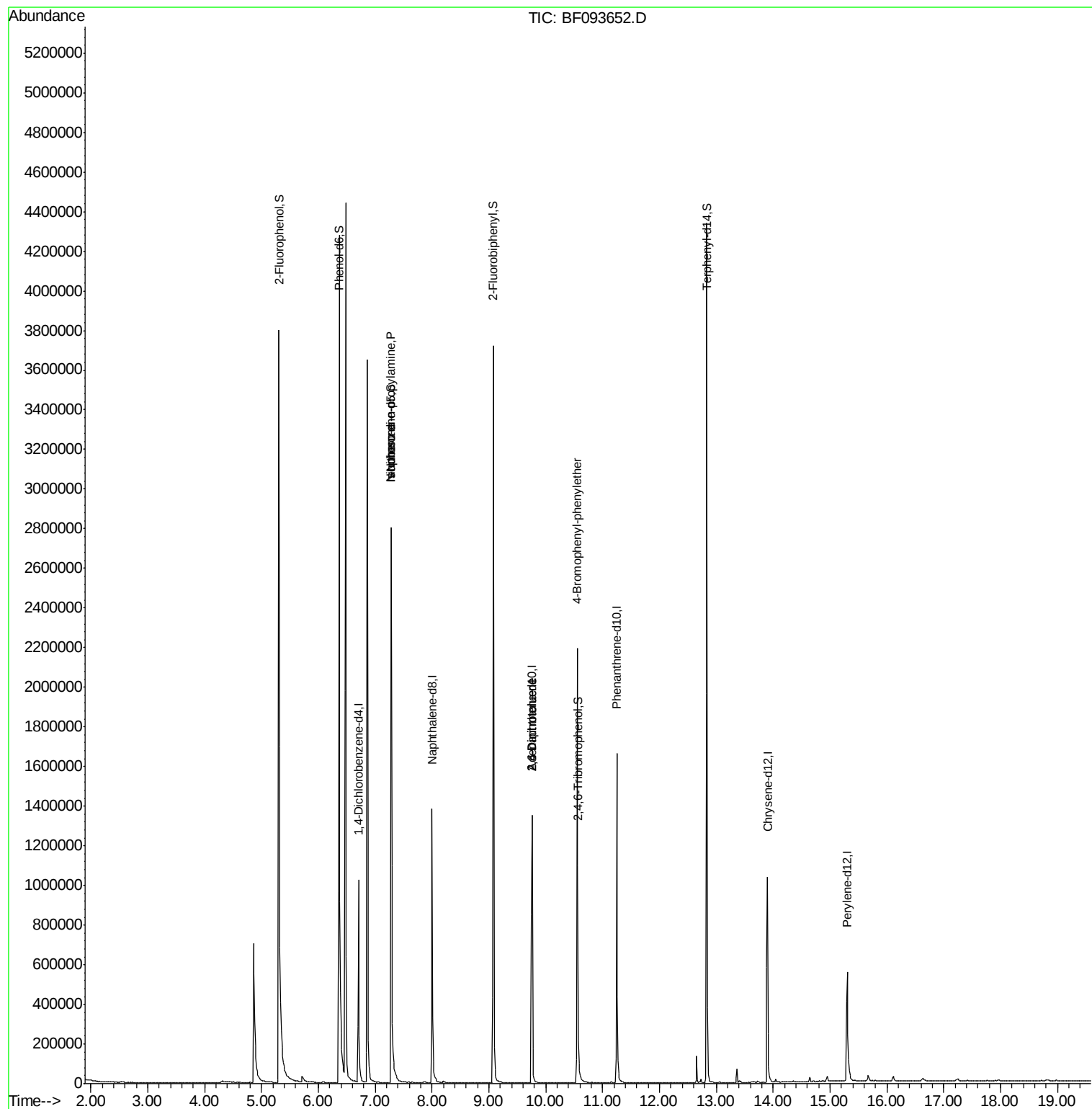
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	179512	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	736339	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	348911	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	661651	20.00	ng	0.00
75) Chrysene-d12	13.90	240	509522	20.00	ng	0.01
86) Perylene-d12	15.31	264	340760	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1439992	133.51	ng	-0.01
7) Phenol-d6	6.37	99	1786453	131.34	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1107032	83.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	290351	127.73	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1711374	91.23	ng	-0.01
78) Terphenyl-d14	12.84	244	1462570	74.63	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2027	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.28	70	146458	15.66	ng	# 83
25) Isophorone	7.28	82	1096944	40.99	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	43867	8.64	ng	# 31
56) 2,4-Dinitrotoluene	9.76	165	43869	7.04	ng	# 20
66) 4-Bromophenyl-phenylether	10.55	248	21609	3.09	ng	# 1

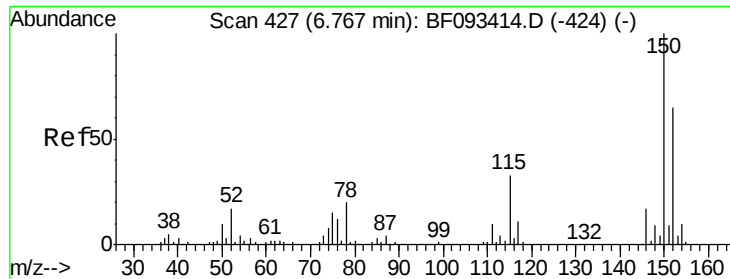
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093652.D

Acq: 14 Mar 2017 12:13

Instrument :

BNA_M

ClientSampleId :

PB97542TB

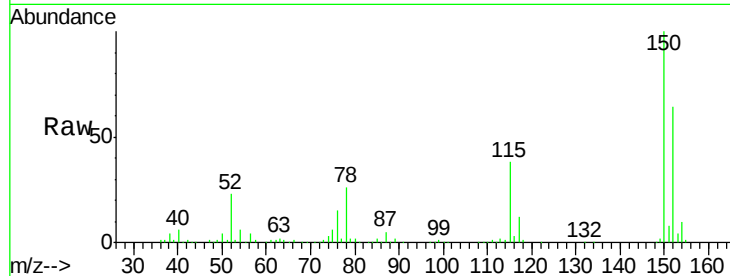
Tot Ion:152 Resp: 179512

Ion Ratio Lower Upper

152 100

150 157.1 124.9 187.3

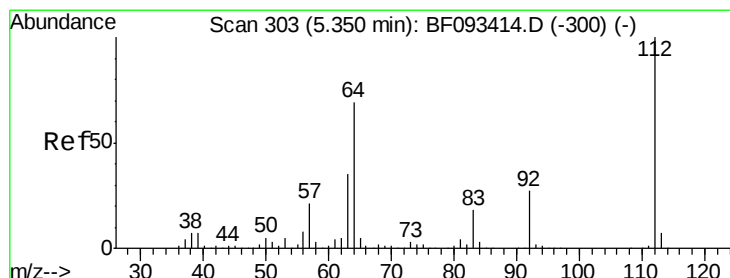
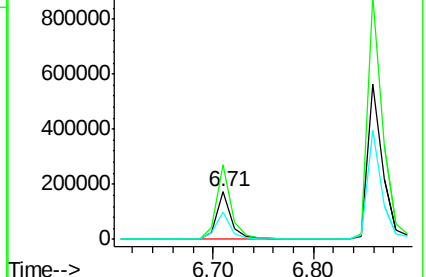
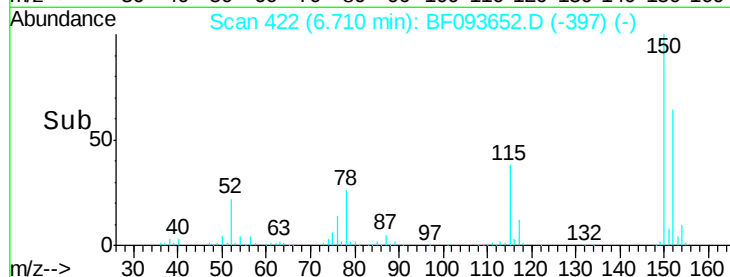
115 59.1 46.0 69.0



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: 133.51 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093652.D

Acq: 14 Mar 2017 12:13

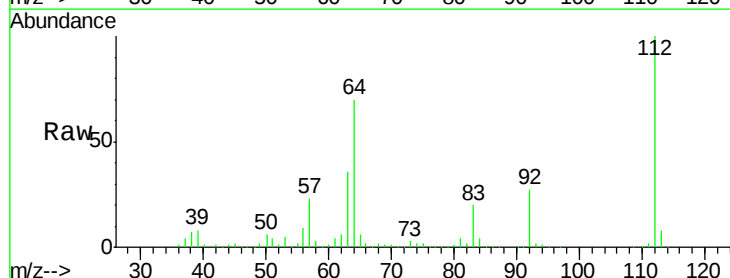
Tgt Ion:112 Resp: 1439992

Ion Ratio Lower Upper

112 100

64 70.0 46.1 69.1#

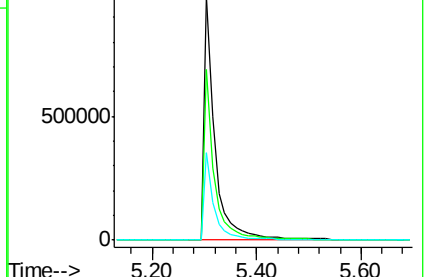
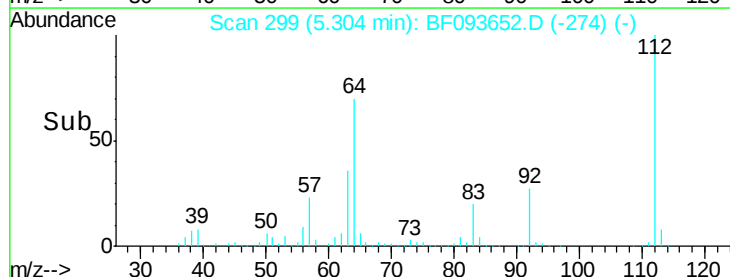
63 36.0 23.8 35.6#

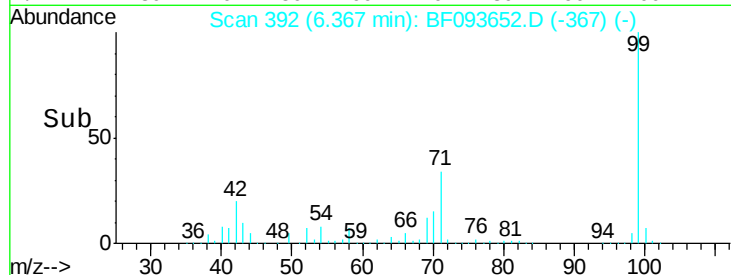
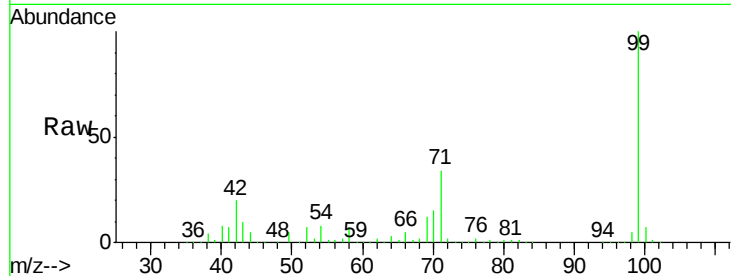
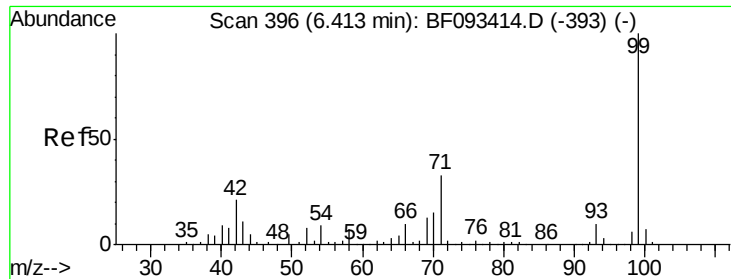


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.34 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093652.D

Acq: 14 Mar 2017 12:13

Instrument :

BNA_M

ClientSampleId :

PB97542TB

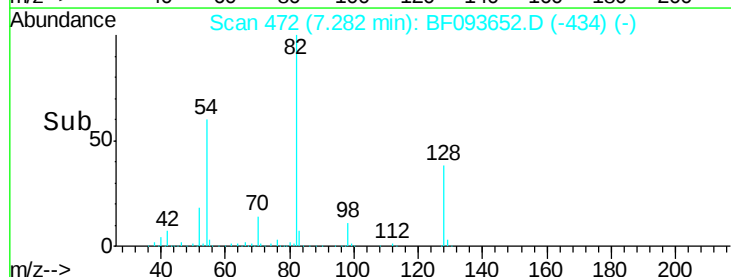
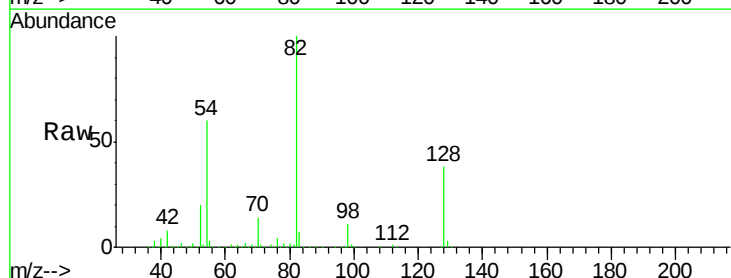
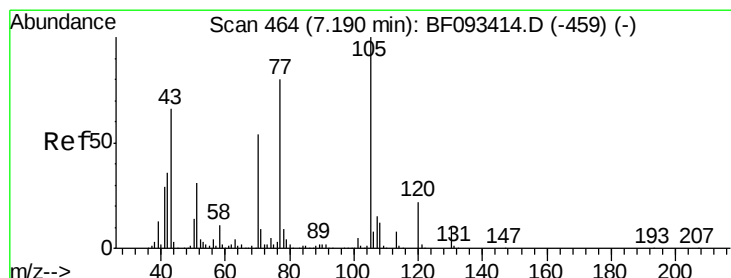
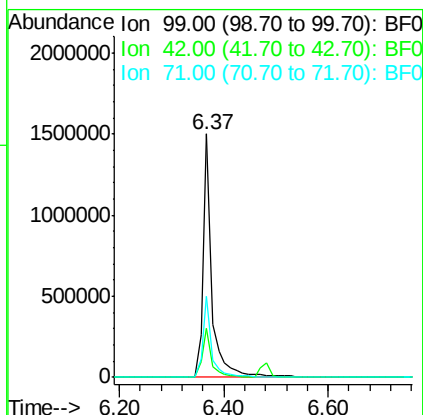
Tot Ion: 99 Resp: 1786453

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

71 33.5 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.66 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093652.D

Acq: 14 Mar 2017 12:13

Tgt Ion: 70 Resp: 146458

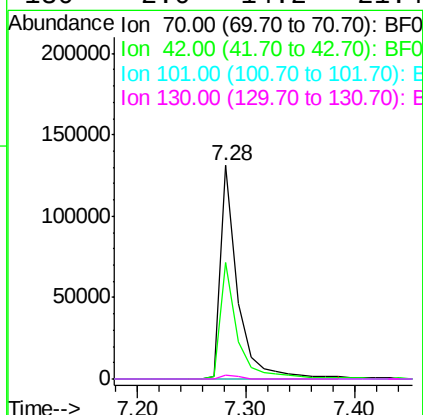
Ion Ratio Lower Upper

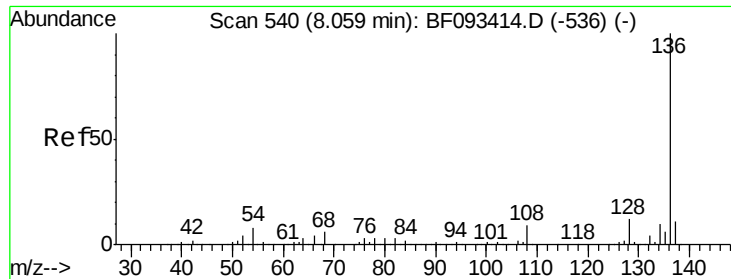
70 100

42 54.3 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

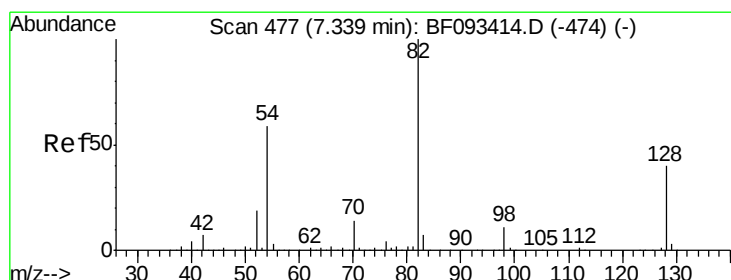
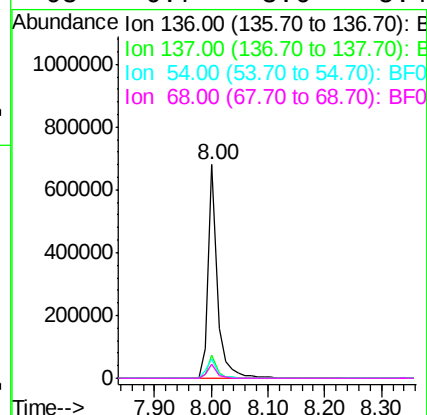
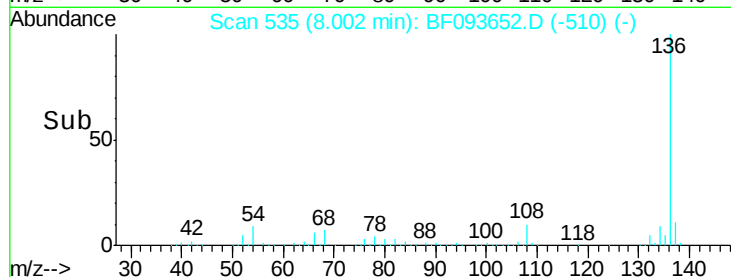
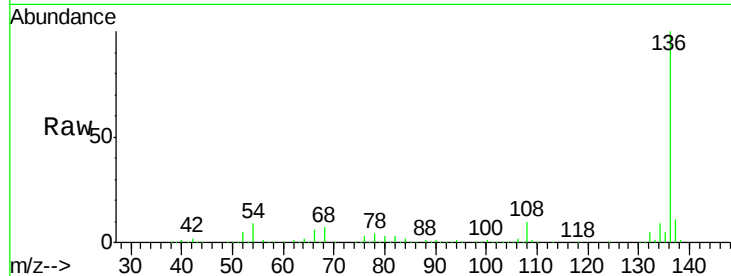




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093652.D
Acq: 14 Mar 2017 12:13

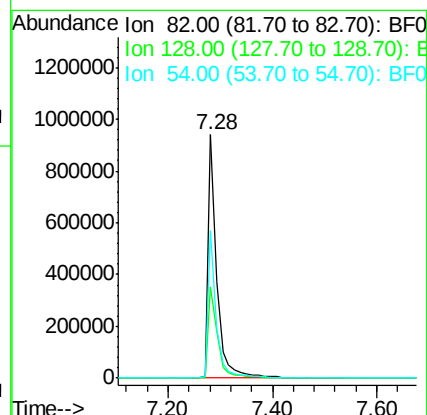
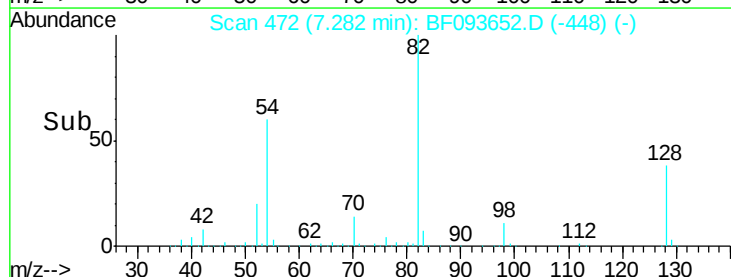
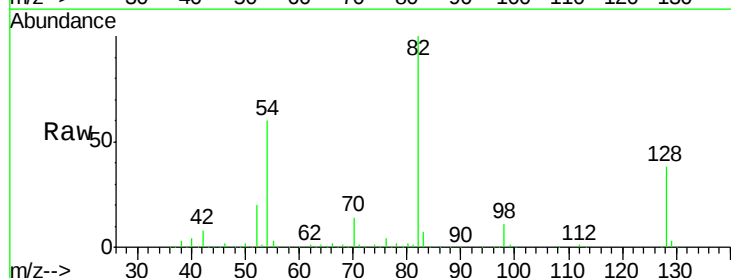
Instrument :
BNA_M
ClientSampleId :
PB97542TB

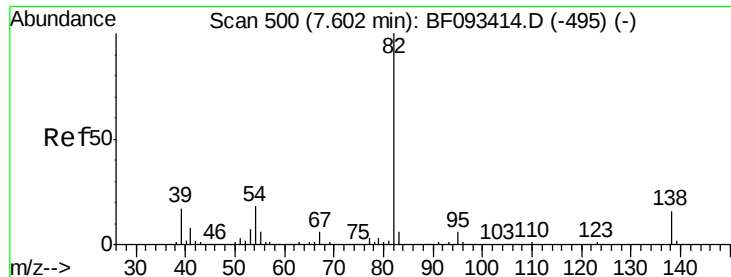
Tot Ion:136	Resp:	736339
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.4 12.6
54	8.9	4.5 6.7#
68	6.7	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 83.42 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093652.D
Acq: 14 Mar 2017 12:13

Tgt Ion: 82	Resp:	1107032
Ion	Ratio	Lower Upper
82	100	
128	37.6	34.6 52.0
54	60.4	39.5 59.3#





#25

Isophorone

Concen: 40.99 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093652.D

Acq: 14 Mar 2017 12:13

Instrument :

BNA_M

ClientSampleId :

PB97542TB

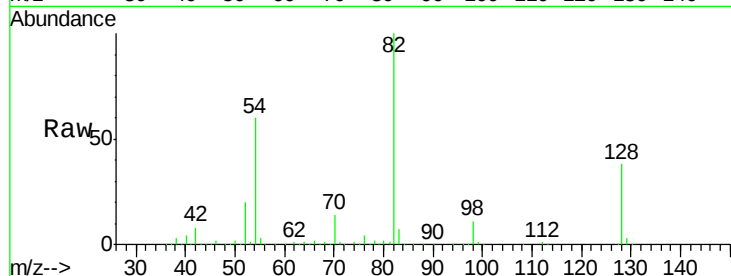
Tot Ion: 82 Resp: 1096944

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

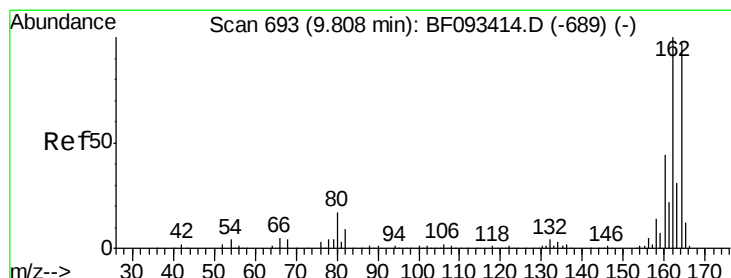
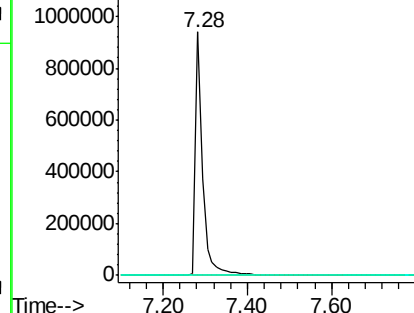
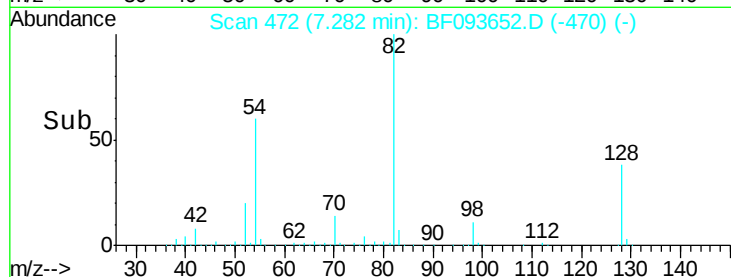
138 0.0 14.6 22.0#



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: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093652.D

Acq: 14 Mar 2017 12:13

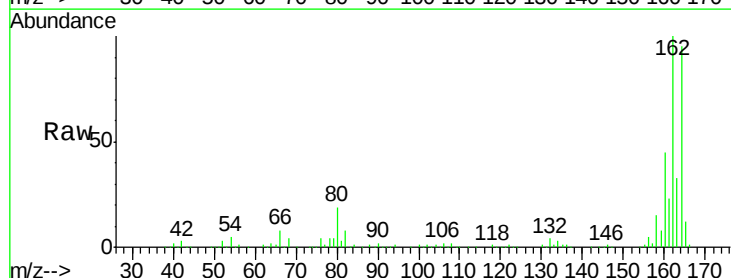
Tgt Ion: 164 Resp: 348911

Ion Ratio Lower Upper

164 100

162 105.6 80.2 120.2

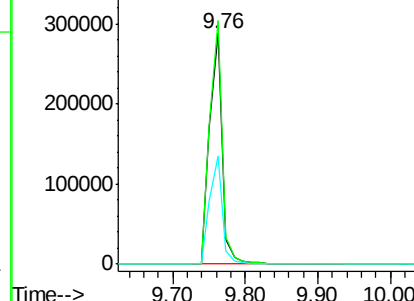
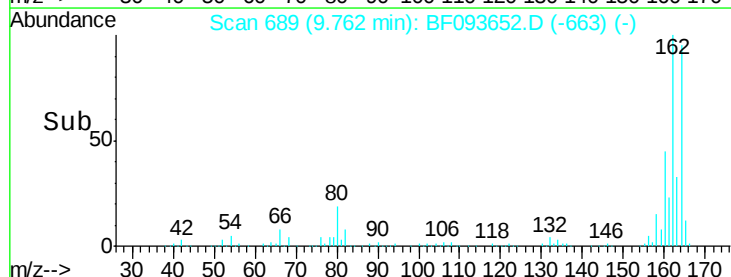
160 47.1 36.9 55.3

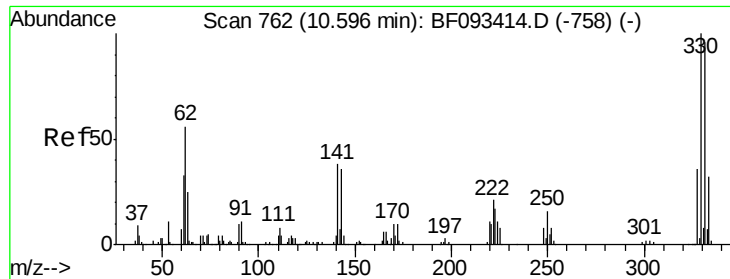


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

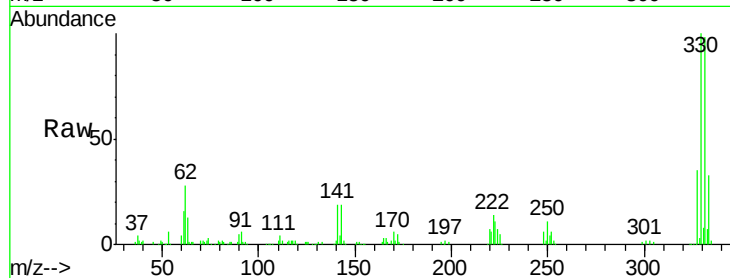




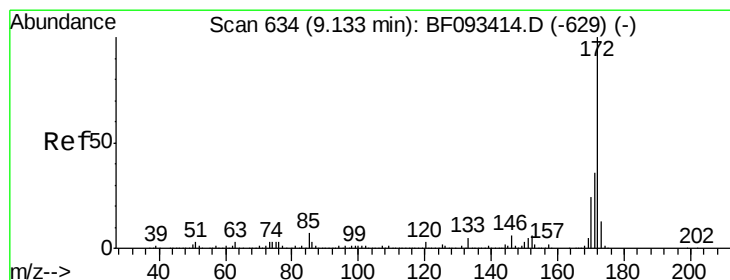
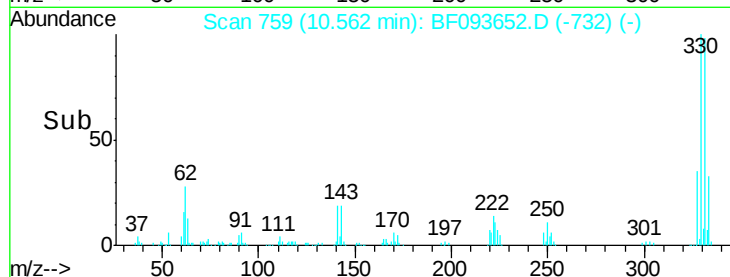
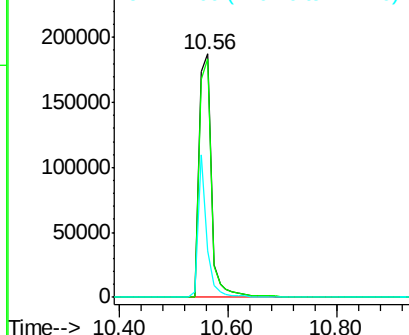
#41
 2,4,6-Tribromophenol
 Concen: 127.73 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093652.D
 Acq: 14 Mar 2017 12:13

Instrument :
 BNA_M
 ClientSampleId :
 PB97542TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	40.8	34.1	51.1

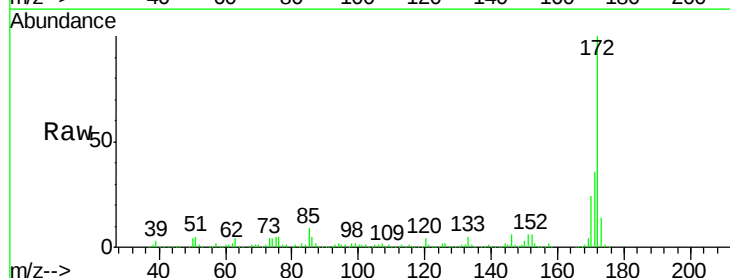


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

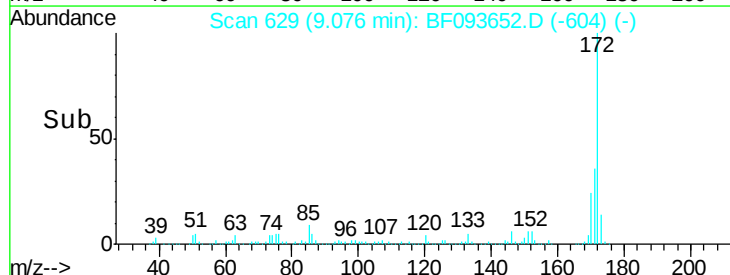
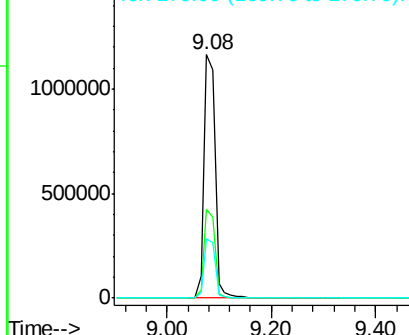


#44
 2-Fluorobiphenyl
 Concen: 91.23 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093652.D
 Acq: 14 Mar 2017 12:13

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

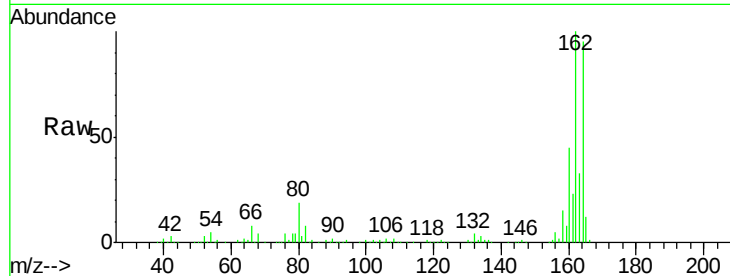




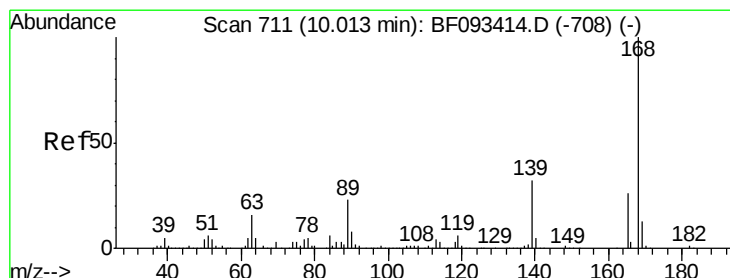
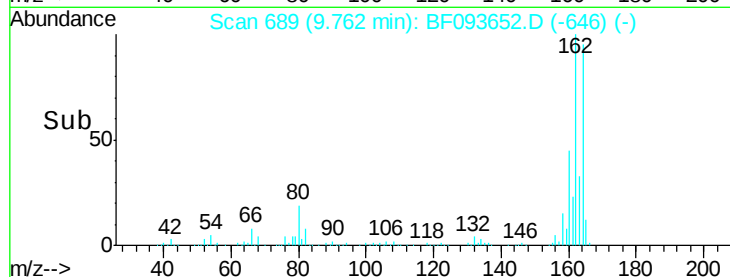
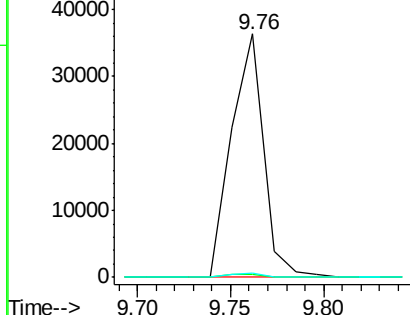
#50
2,6-Dinitrotoluene
Concen: 8.64 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.19 min
Lab File: BF093652.D
Acq: 14 Mar 2017 12:13

Instrument :
BNA_M
ClientSampleId :
PB97542TB

Tot Ion:165 Resp: 43867
Ion Ratio Lower Upper
165 100
63 1.4 36.2 54.4#
89 1.8 40.2 60.4#

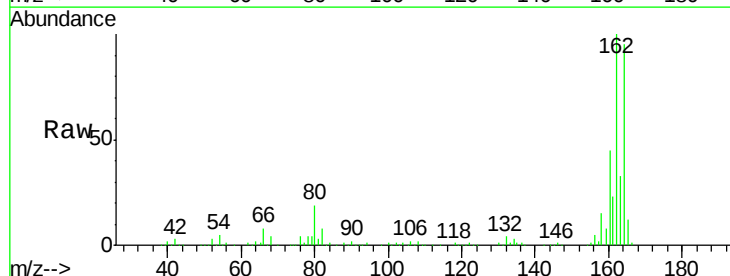


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

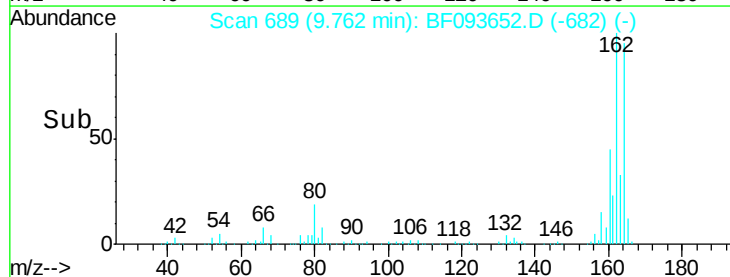
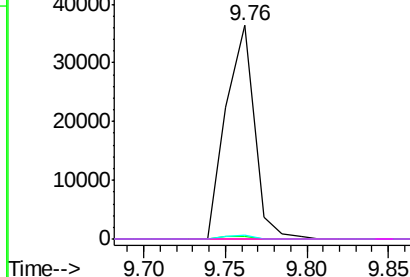


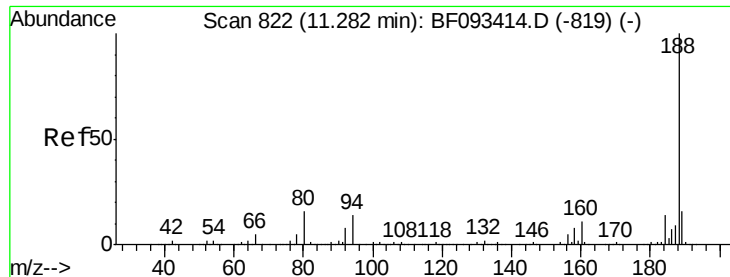
#56
2,4-Dinitrotoluene
Concen: 7.04 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.22 min
Lab File: BF093652.D
Acq: 14 Mar 2017 12:13

Tgt Ion:165 Resp: 43869
Ion Ratio Lower Upper
165 100
63 1.4 40.2 60.4#
89 1.8 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

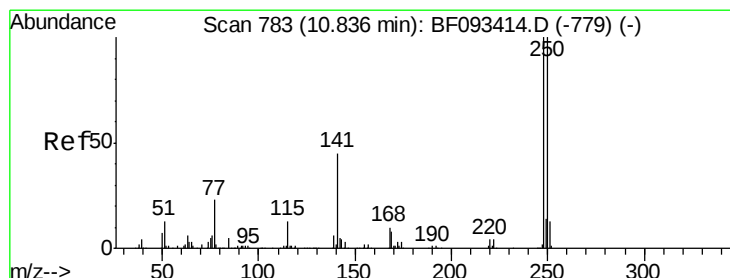
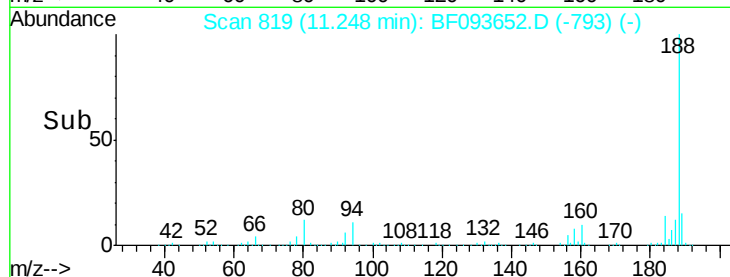
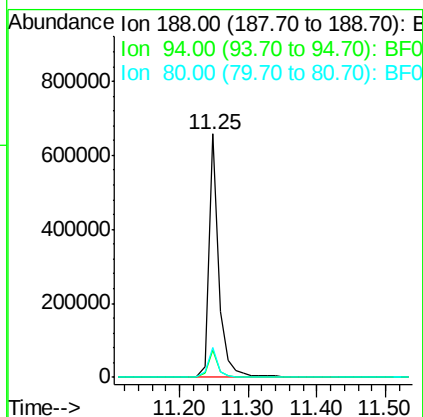
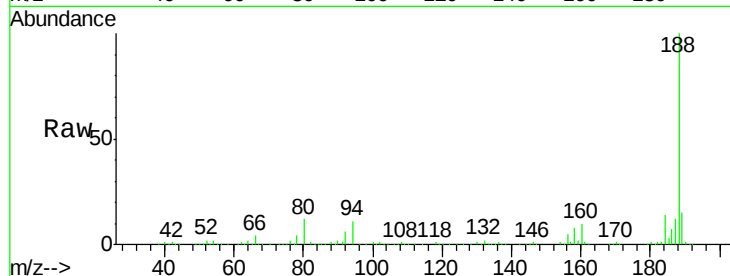




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093652.D
Acq: 14 Mar 2017 12:13

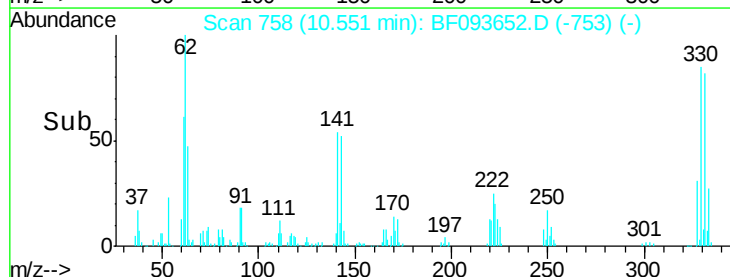
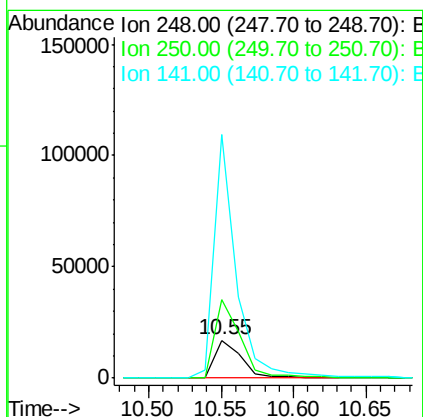
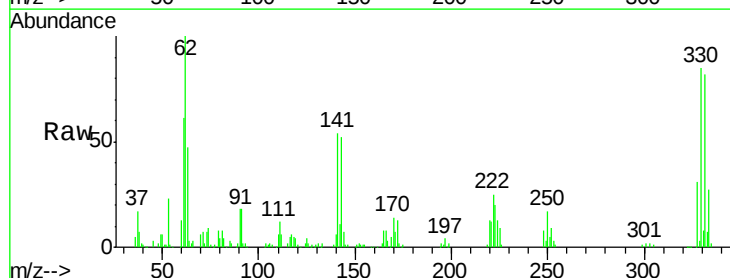
Instrument :
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PB97542TB

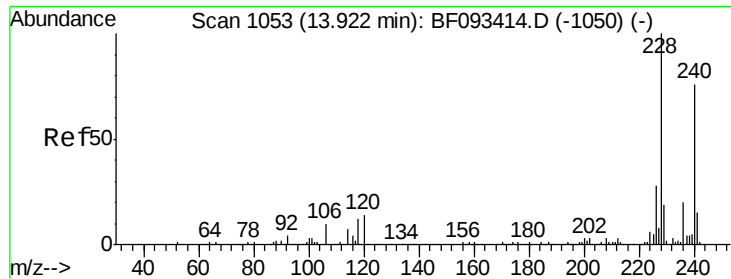
Tot Ion:188 Resp: 661651
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 12.2 11.2 16.8



#66
4-Bromophenyl-phenylether
Concen: 3.09 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093652.D
Acq: 14 Mar 2017 12:13

Tgt Ion:248 Resp: 21609
Ion Ratio Lower Upper
248 100
250 205.9 76.9 115.3#
141 640.6 68.2 102.4#

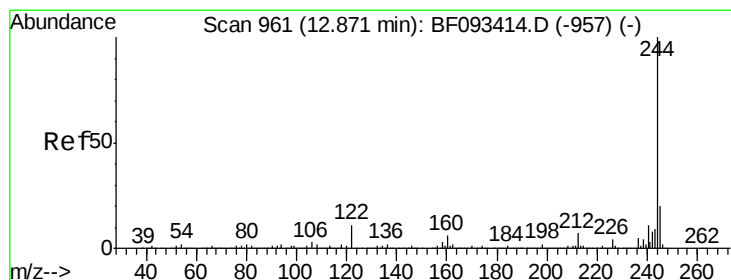
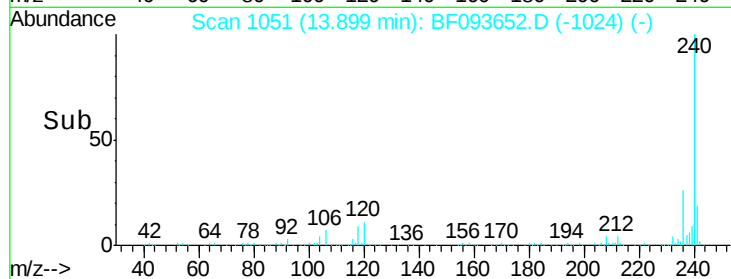
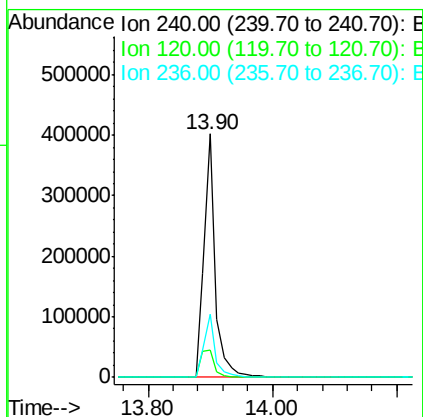
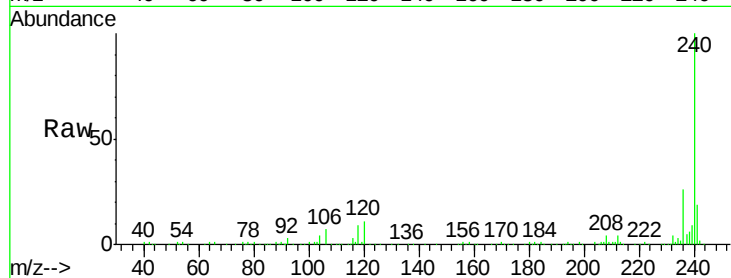




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF093652.D
 Acq: 14 Mar 2017 12:13

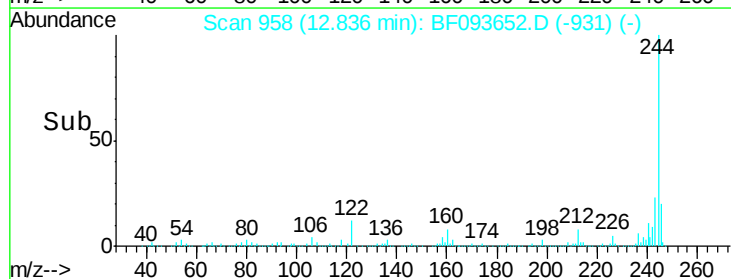
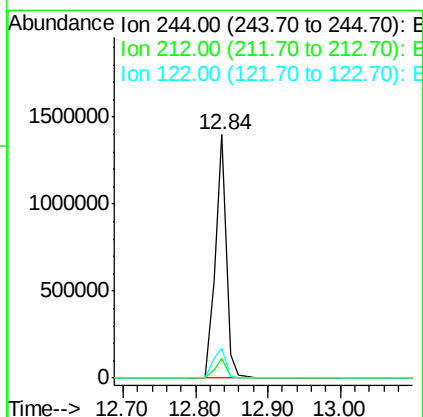
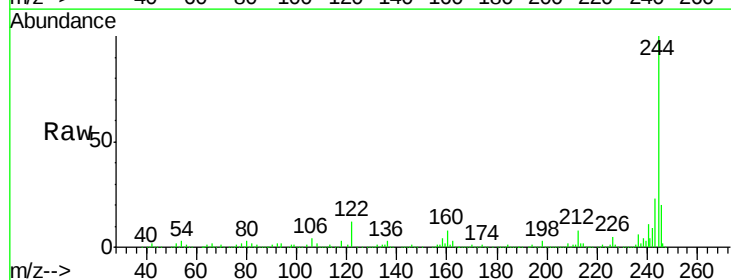
Instrument :
 BNA_M
 ClientSampleID :
 PB97542TB

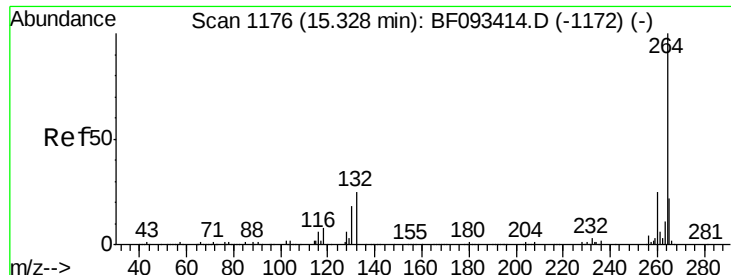
Tot Ion:240 Resp: 509522
 Ion Ratio Lower Upper
 240 100
 120 11.3 12.9 19.3#
 236 26.2 20.9 31.3



#78
 Terphenyl-d14
 Concen: 74.63 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093652.D
 Acq: 14 Mar 2017 12:13

Tgt Ion:244 Resp: 1462570
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 12.1 11.4 17.2



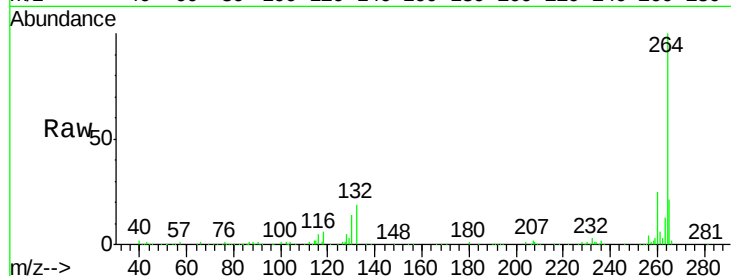


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093652.D
Acq: 14 Mar 2017 12:13

Instrument :
BNA_M
ClientSampleId :
PB97542TB

Tot Ion: 264 Resp: 340760

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.0	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

