

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093647.D
 Acq On : 14 Mar 2017 9:52
 Operator : SJ/MA
 Sample : I2201-23
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D-126

Quant Time: Mar 15 02:30:10 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

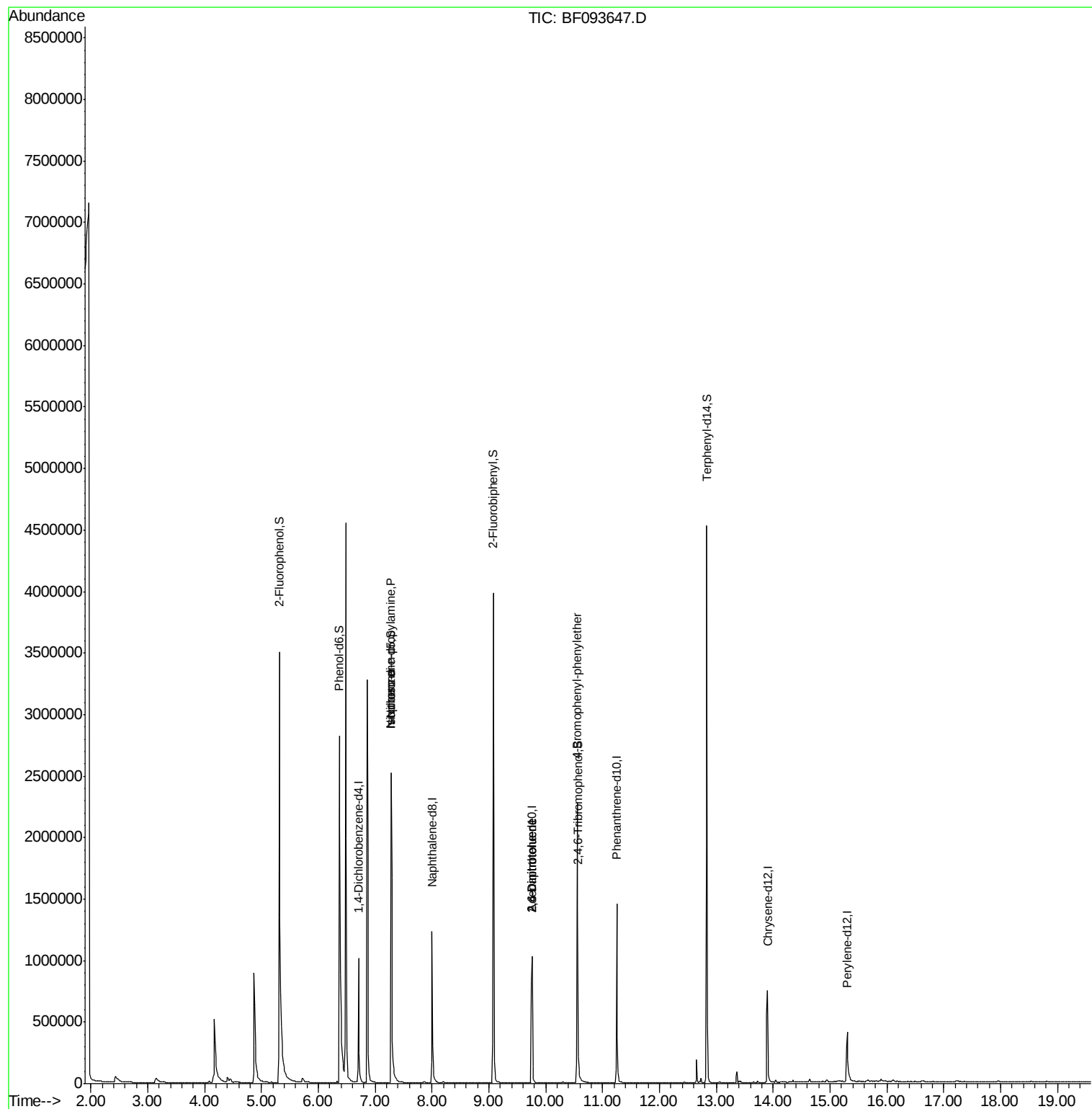
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	166620	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	631227	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	297406	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	569534	20.00	ng	0.00
75) Chrysene-d12	13.90	240	406735	20.00	ng	0.01
86) Perylene-d12	15.31	264	234982	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1451694	145.01	ng	0.00
7) Phenol-d6	6.37	99	1847494	146.34	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1192859	104.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	346647	178.90	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1836348	114.85	ng	-0.01
78) Terphenyl-d14	12.84	244	1537332	98.27	ng	0.01
Target Compounds						
9) Benzaldehyde	6.38	77	2223	Below Cal	#	15
19) n-Nitroso-di-n-propylamine	7.28	70	154777	17.83	ng	# 84
25) Isophorone	7.28	82	1183777	51.60	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	37786	8.73	ng	# 31
56) 2,4-Dinitrotoluene	9.76	165	37780	7.11	ng	# 20
66) 4-Bromophenyl-phenylether	10.55	248	25259	4.19	ng	# 1

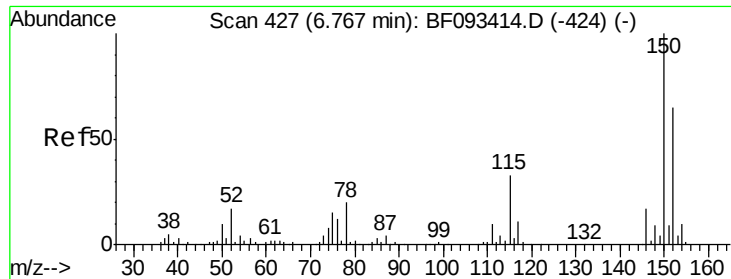
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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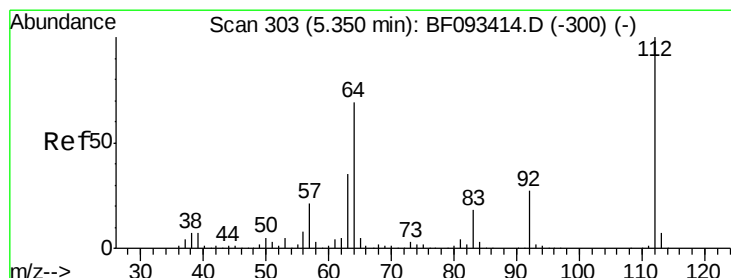
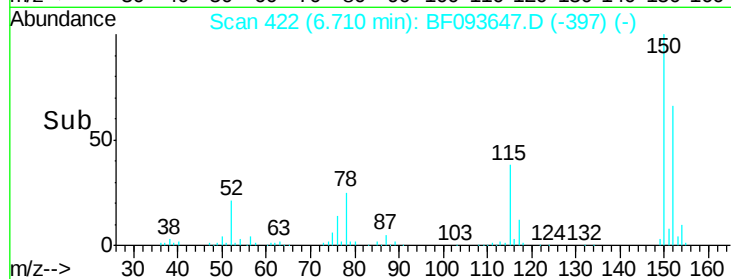
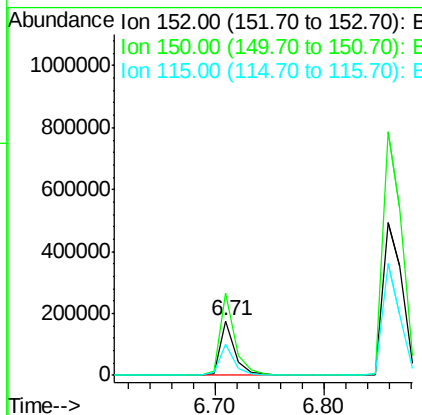
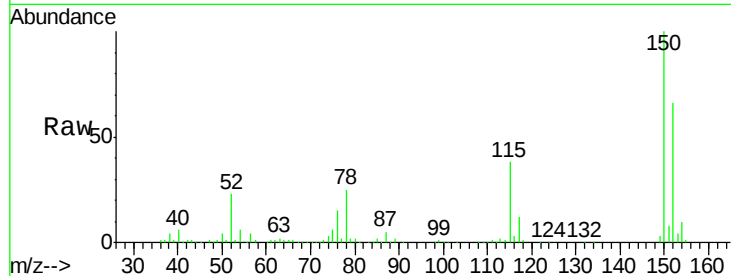


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093647.D
 Acq: 14 Mar 2017 9:52

Instrument :
 BNA_M
 ClientSampled :
 D-126

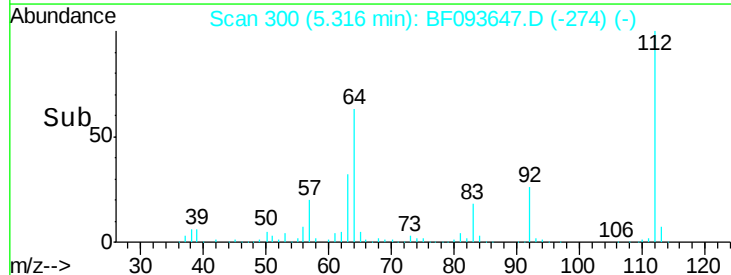
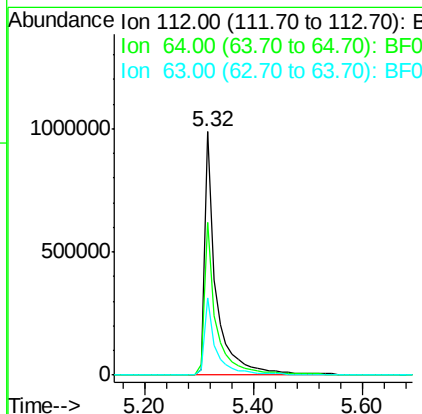
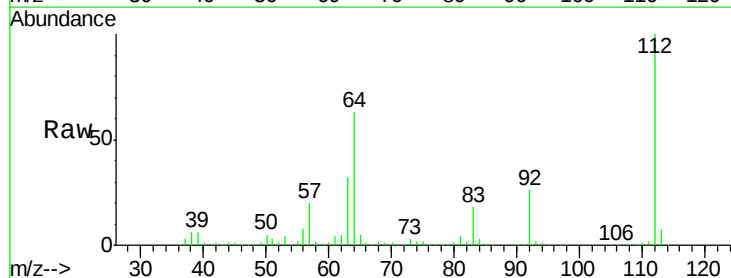
Tot Ion:152 Resp: 166620
 Ion Ratio Lower Upper
 152 100
 150 152.1 124.9 187.3
 115 57.3 46.0 69.0

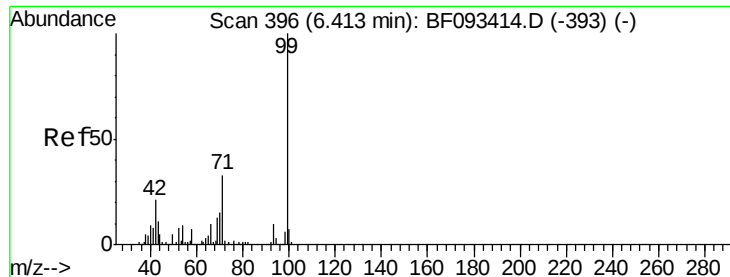


#5

2-Fluorophenol
 Concen: 145.01 ng
 RT: 5.32 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: BF093647.D
 Acq: 14 Mar 2017 9:52

Tgt Ion:112 Resp: 1451694
 Ion Ratio Lower Upper
 112 100
 64 62.7 46.1 69.1
 63 31.7 23.8 35.6





#7

Phenol-d6

Concen: 146.34 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093647.D

Acq: 14 Mar 2017 9:52

Instrument :

BNA_M

ClientSampleId :

D-126

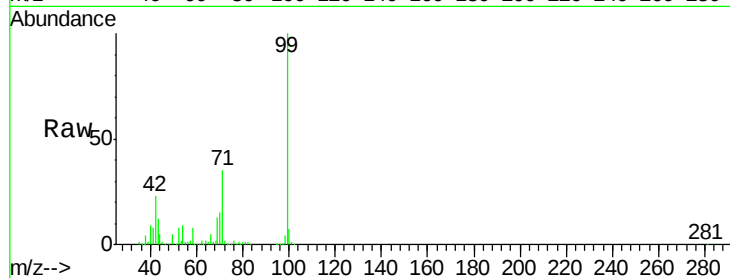
Tot Ion: 99 Resp: 1847494

Ion Ratio Lower Upper

99 100

42 23.0 15.6 23.4

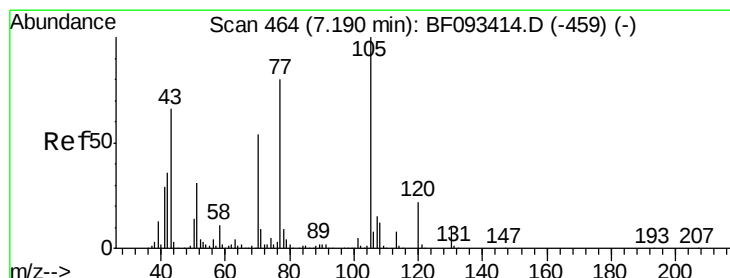
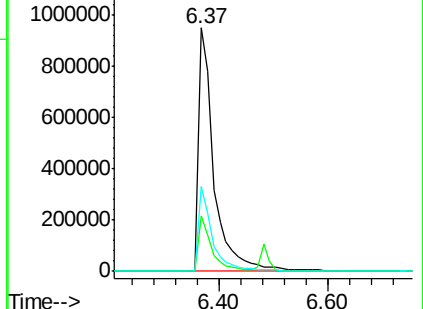
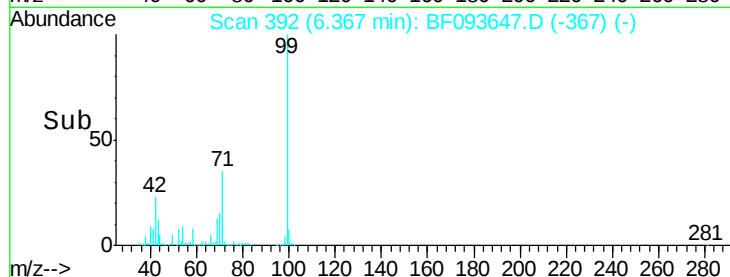
71 34.7 27.5 41.3



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: 17.83 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093647.D

Acq: 14 Mar 2017 9:52

Tgt Ion: 70 Resp: 154777

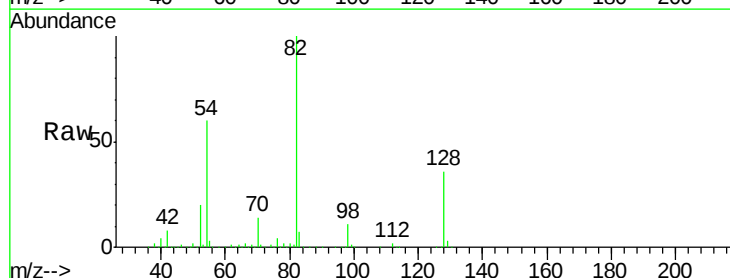
Ion Ratio Lower Upper

70 100

42 54.6 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

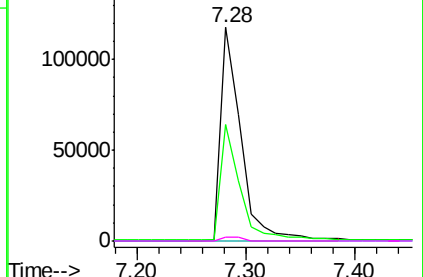
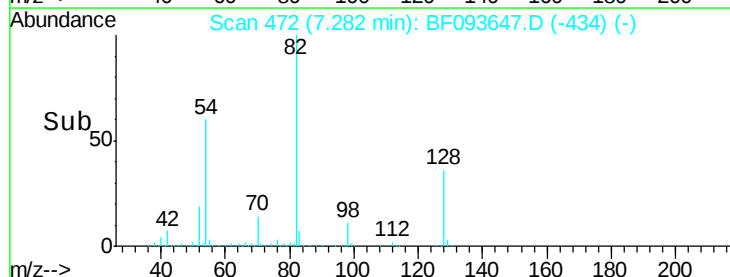


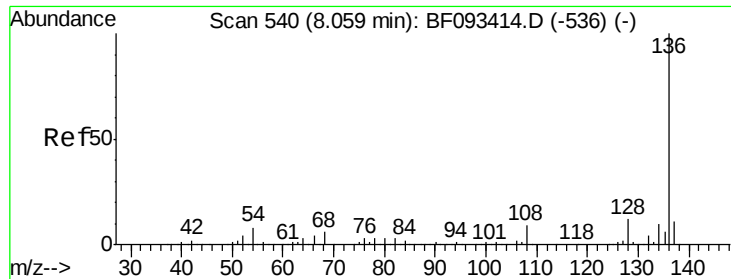
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

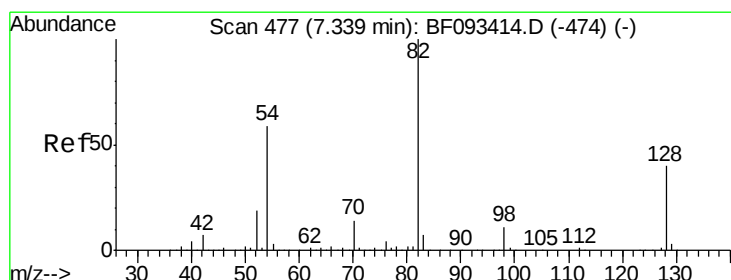
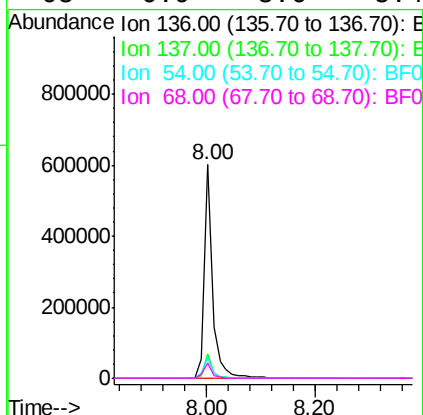
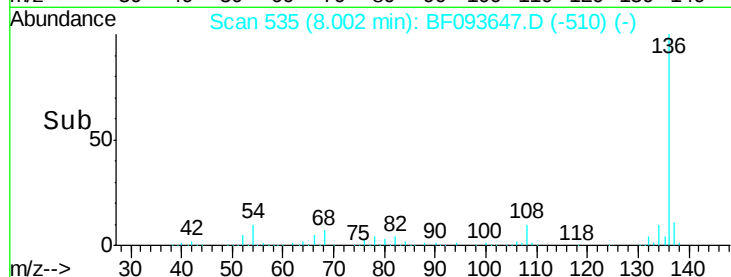
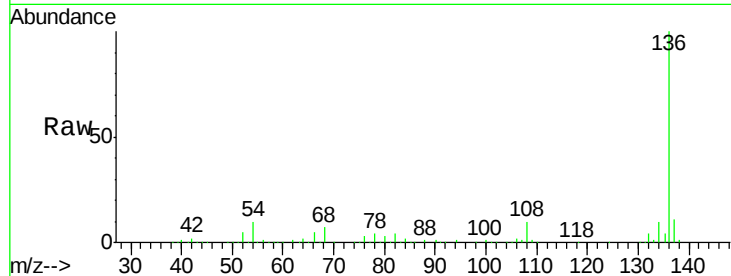




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093647.D
Acq: 14 Mar 2017 9:52

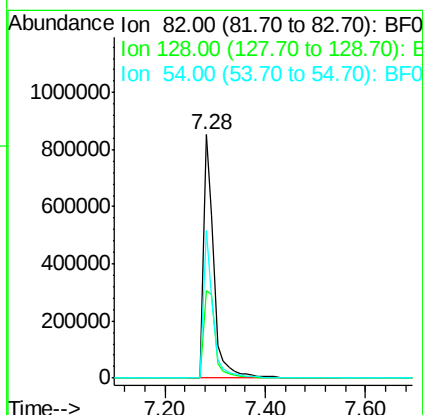
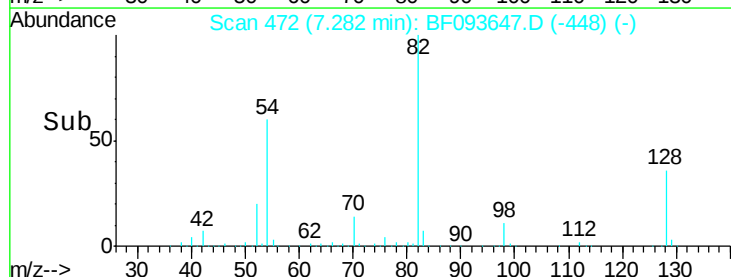
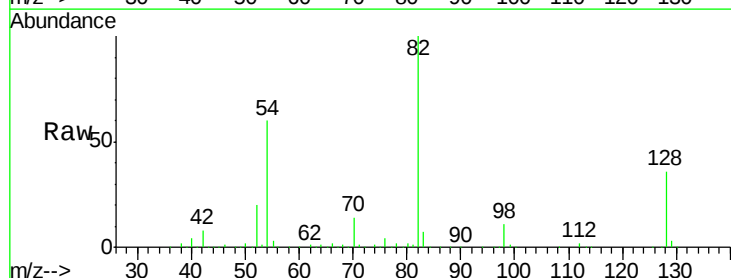
Instrument :
BNA_M
ClientSampleId :
D-126

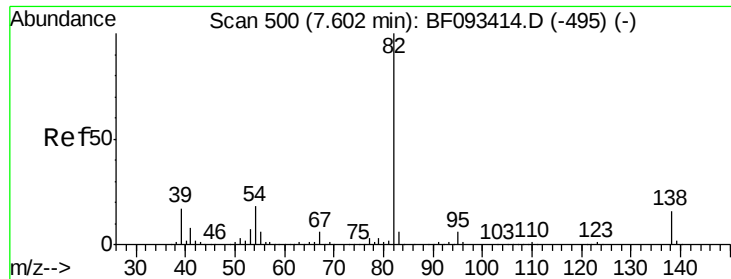
Tot Ion:136	Resp:	631227
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.4 12.6
54	9.8	4.5 6.7#
68	6.9	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 104.85 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093647.D
Acq: 14 Mar 2017 9:52

Tgt Ion: 82	Resp:	1192859
Ion Ratio	Lower	Upper
82	100	
128	36.2	34.6 52.0
54	60.4	39.5 59.3#





#25

Isophorone

Concen: 51.60 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093647.D

Acq: 14 Mar 2017 9:52

Instrument :

BNA_M

ClientSampleId :

D-126

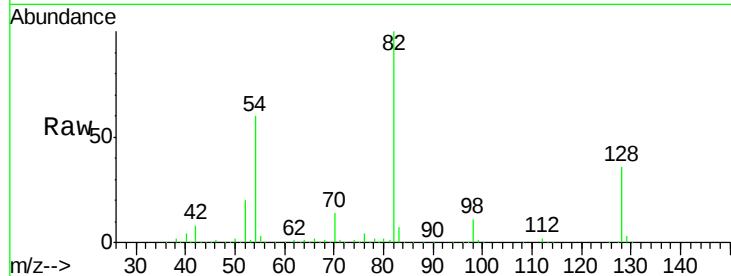
Tot Ion: 82 Resp: 1183777

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

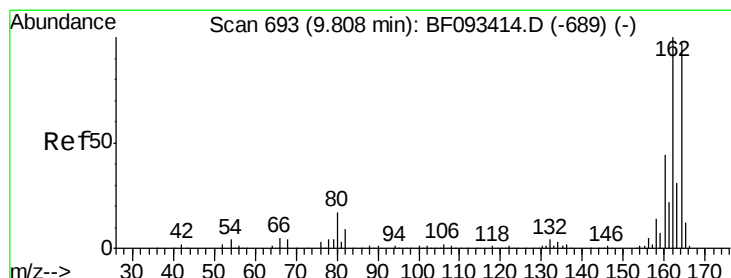
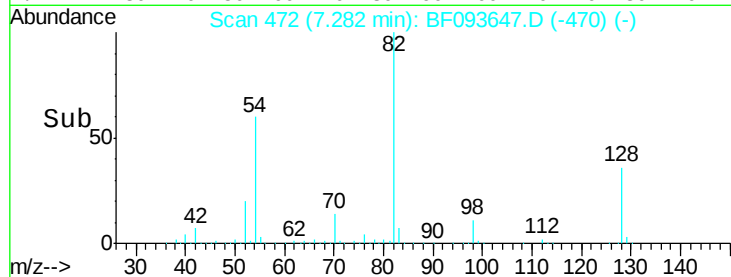
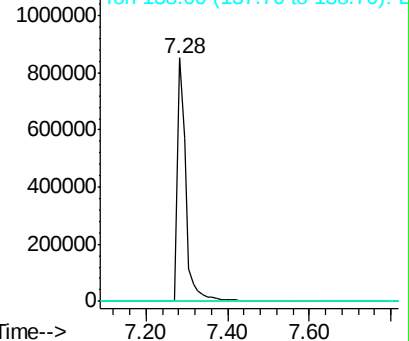
138 0.0 14.6 22.0#



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: BF093647.D

Acq: 14 Mar 2017 9:52

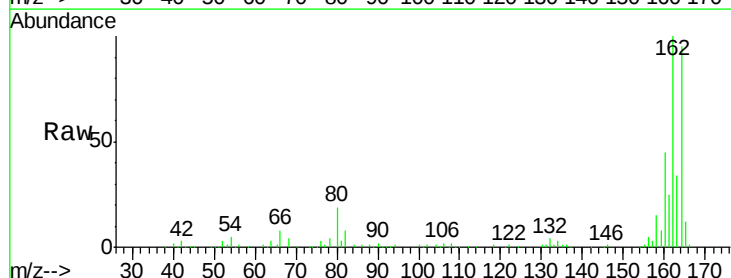
Tgt Ion:164 Resp: 297406

Ion Ratio Lower Upper

164 100

162 105.2 80.2 120.2

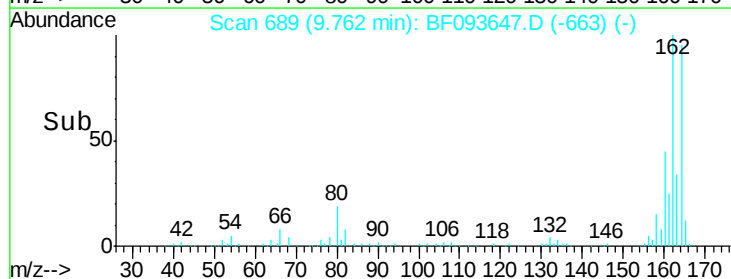
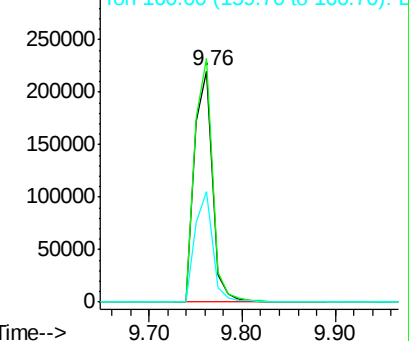
160 47.6 36.9 55.3

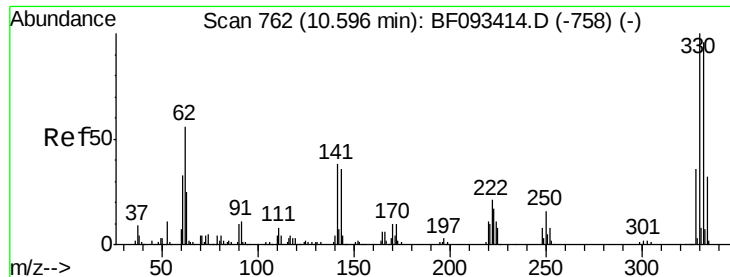


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

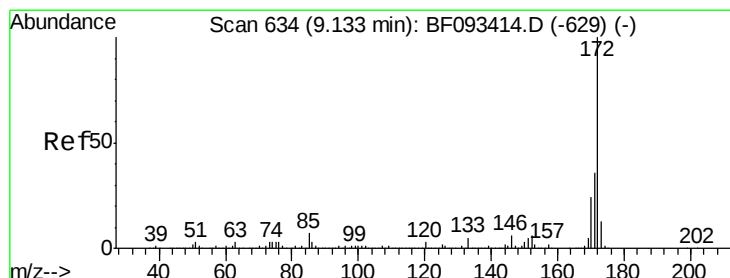
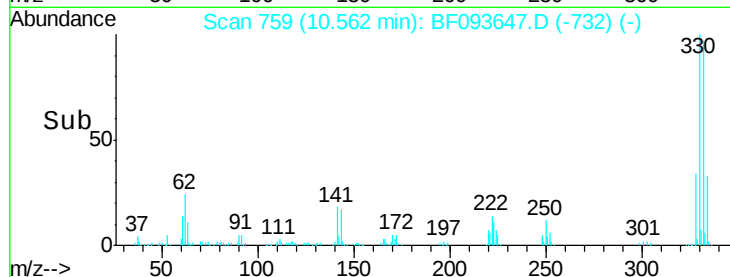
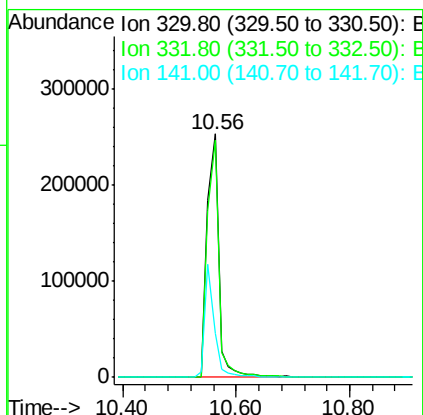
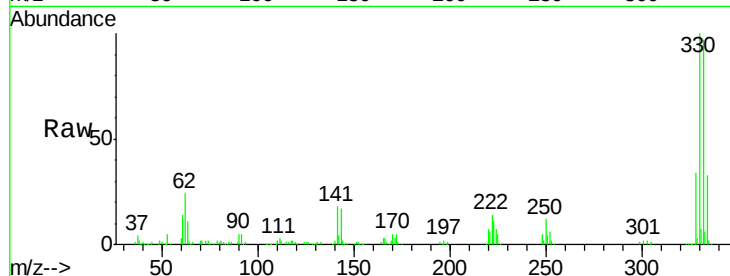




#41
 2,4,6-Tribromophenol
 Concen: 178.90 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093647.D
 Acq: 14 Mar 2017 9:52

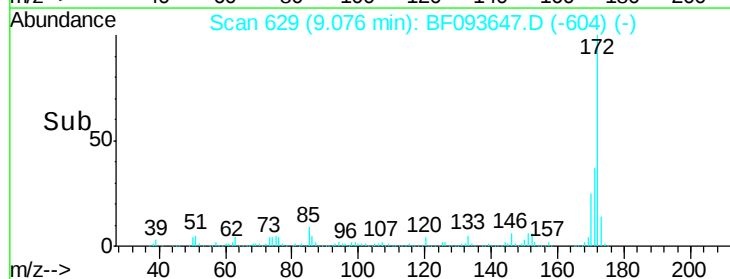
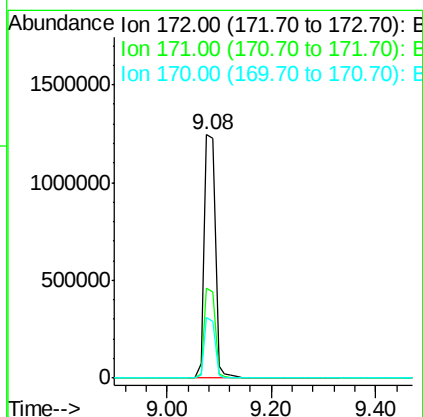
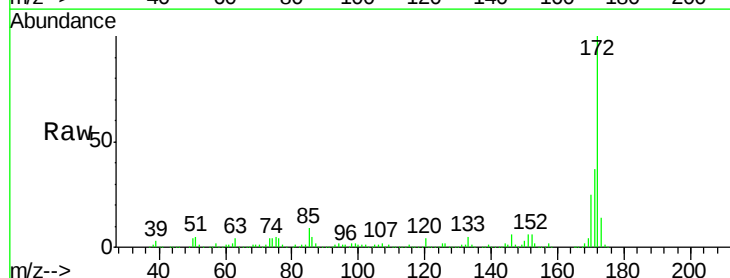
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 BNA_M
 ClientSampleId :
 D-126

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	38.4	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 114.85 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093647.D
 Acq: 14 Mar 2017 9:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.1	20.2	30.4

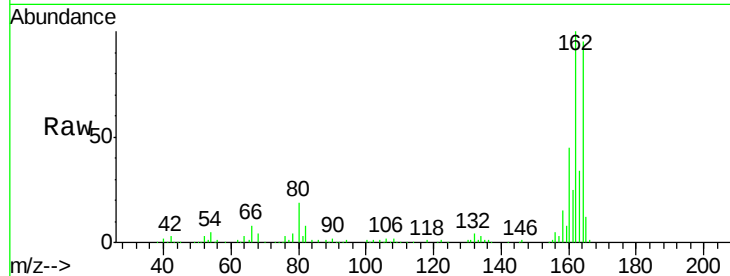




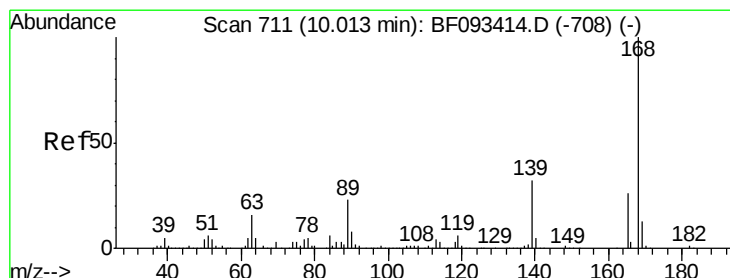
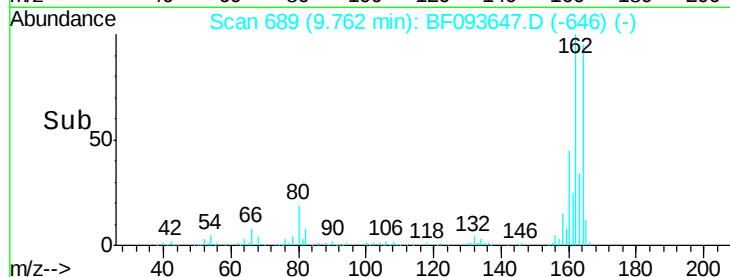
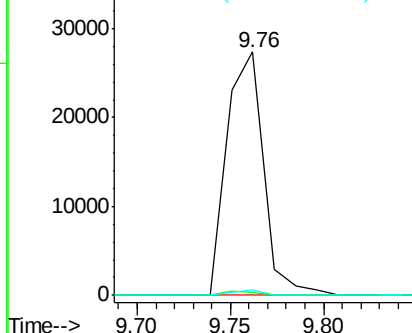
#50
 2,6-Dinitrotoluene
 Concen: 8.73 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.19 min
 Lab File: BF093647.D
 Acq: 14 Mar 2017 9:52

Instrument :
 BNA_M
 ClientSampleId :
 D-126

Tot Ion:165 Resp: 37786
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.2 54.4#
 89 2.1 40.2 60.4#

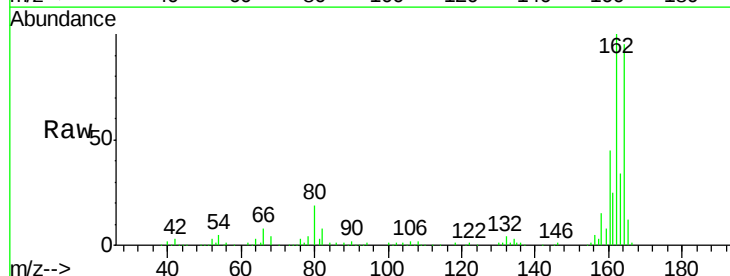


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

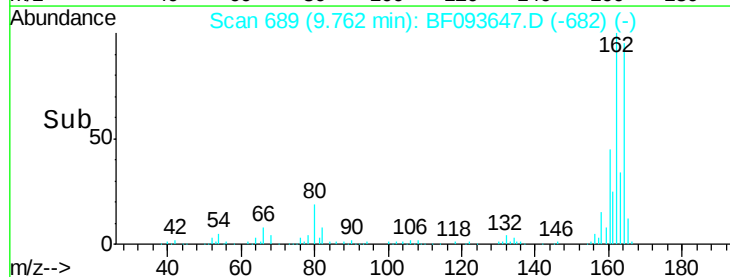
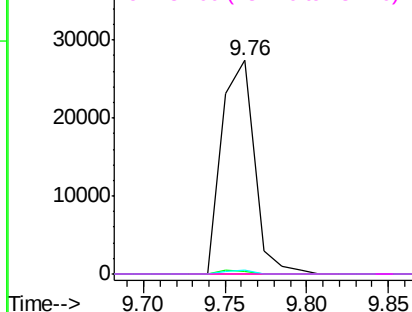


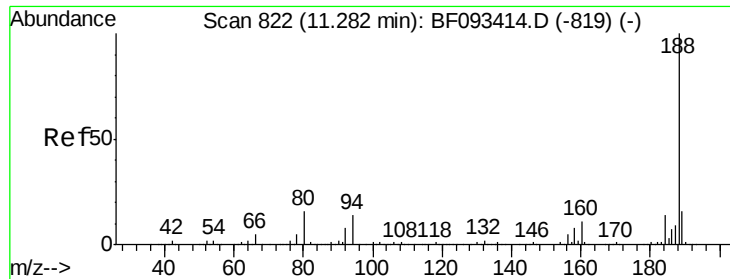
#56
 2,4-Dinitrotoluene
 Concen: 7.11 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.22 min
 Lab File: BF093647.D
 Acq: 14 Mar 2017 9:52

Tgt Ion:165 Resp: 37780
 Ion Ratio Lower Upper
 165 100
 63 1.2 40.2 60.4#
 89 2.1 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

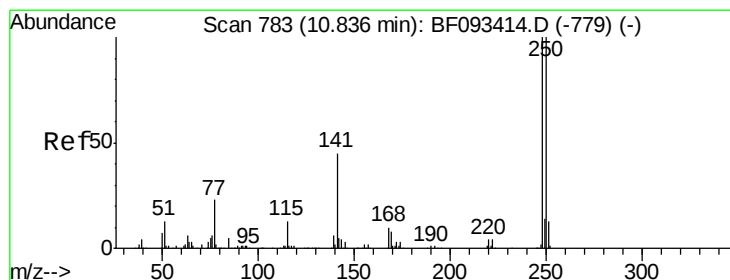
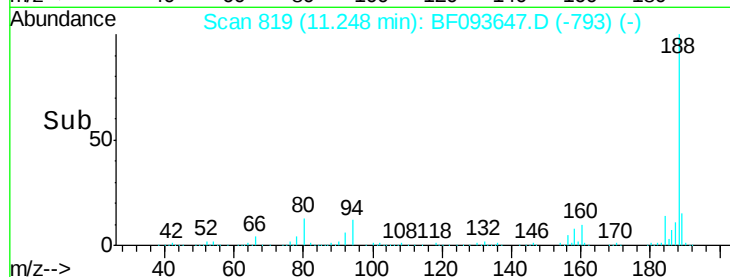
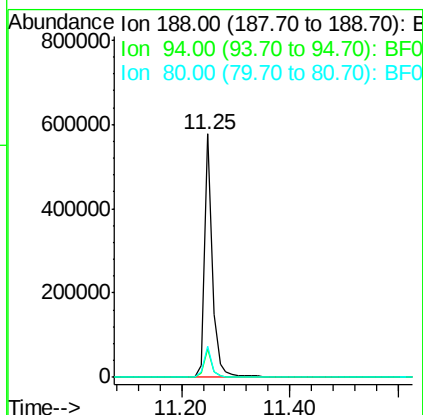
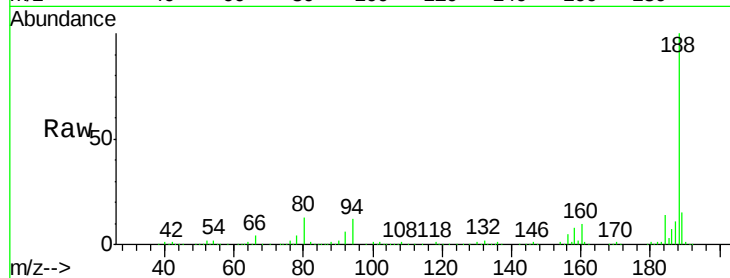




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093647.D
Acq: 14 Mar 2017 9:52

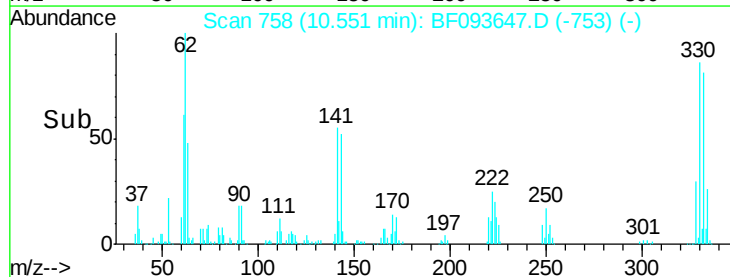
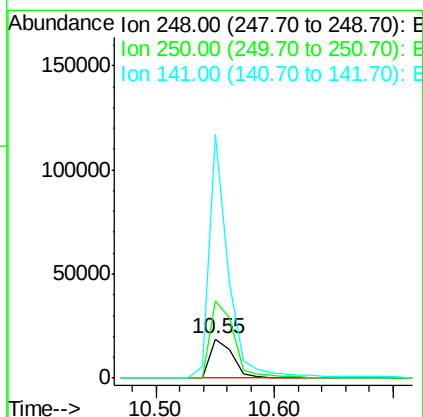
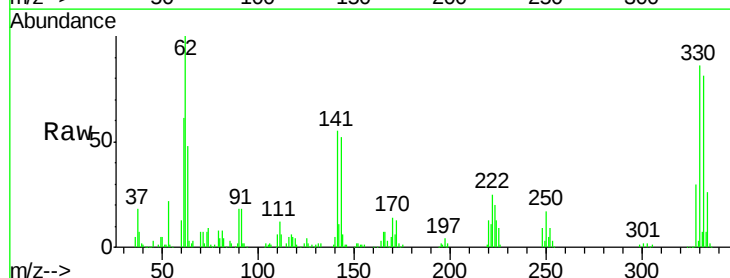
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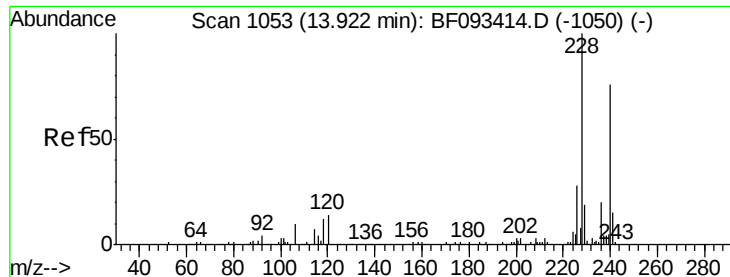
Tot Ion:188 Resp: 569534
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 12.6 11.2 16.8



#66
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093647.D
Acq: 14 Mar 2017 9:52

Tgt Ion:248 Resp: 25259
Ion Ratio Lower Upper
248 100
250 196.3 76.9 115.3#
141 618.4 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: BF093647.D

Acq: 14 Mar 2017 9:52

Instrument :

BNA_M

ClientSampleId :

D-126

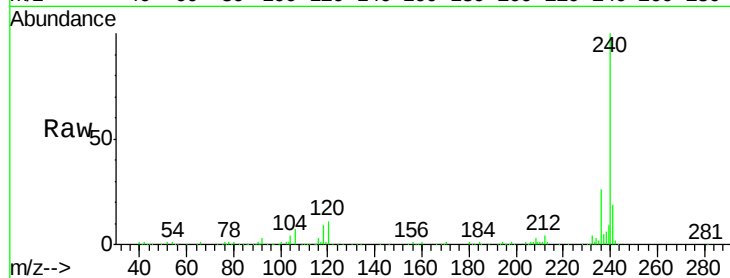
Tot Ion:240 Resp: 406735

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

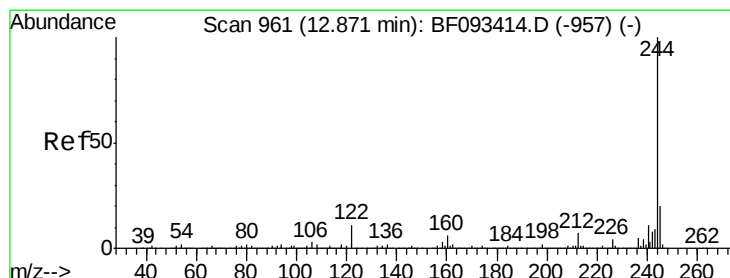
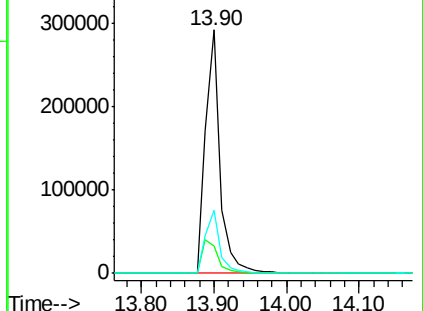
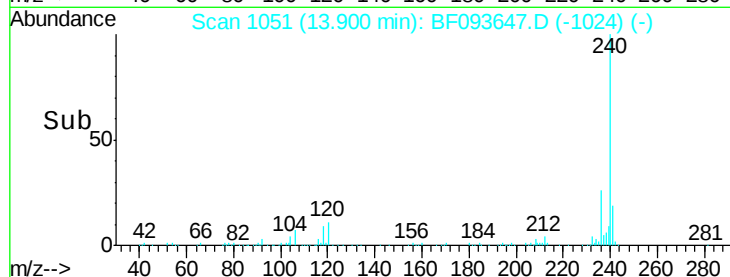
236 25.9 20.9 31.3



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: 98.27 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093647.D

Acq: 14 Mar 2017 9:52

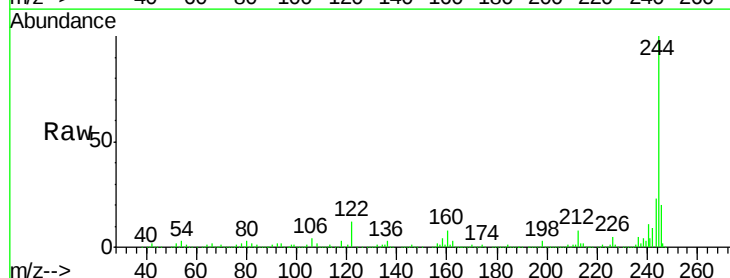
Tgt Ion:244 Resp: 1537332

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

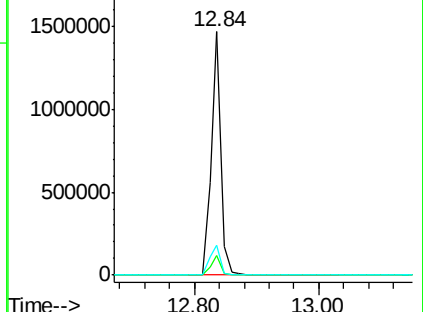
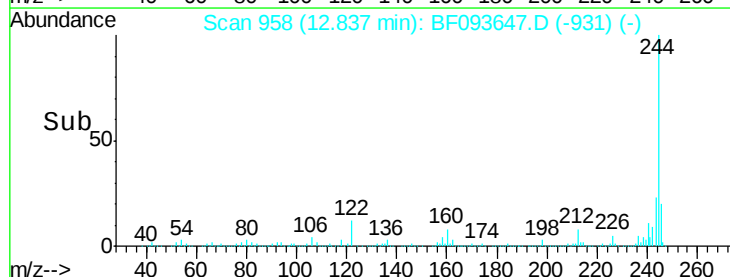
122 12.2 11.4 17.2

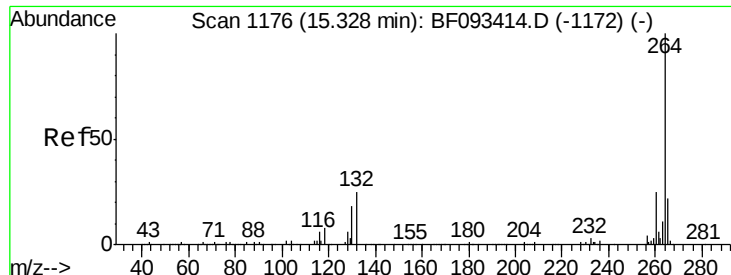


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



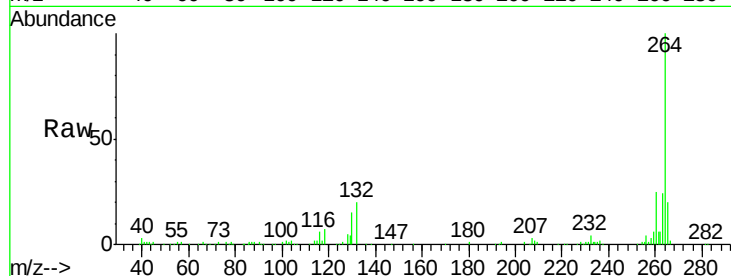


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093647.D
Acq: 14 Mar 2017 9:52

Instrument :
BNA_M
ClientSampleId :
D-126

Tot Ion: 264 Resp: 234982

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	19.9	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

