

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094174.D
 Acq On : 4 Apr 2017 18:30
 Operator : SJ/MA
 Sample : I2516-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Quant Time: Apr 05 00:57:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

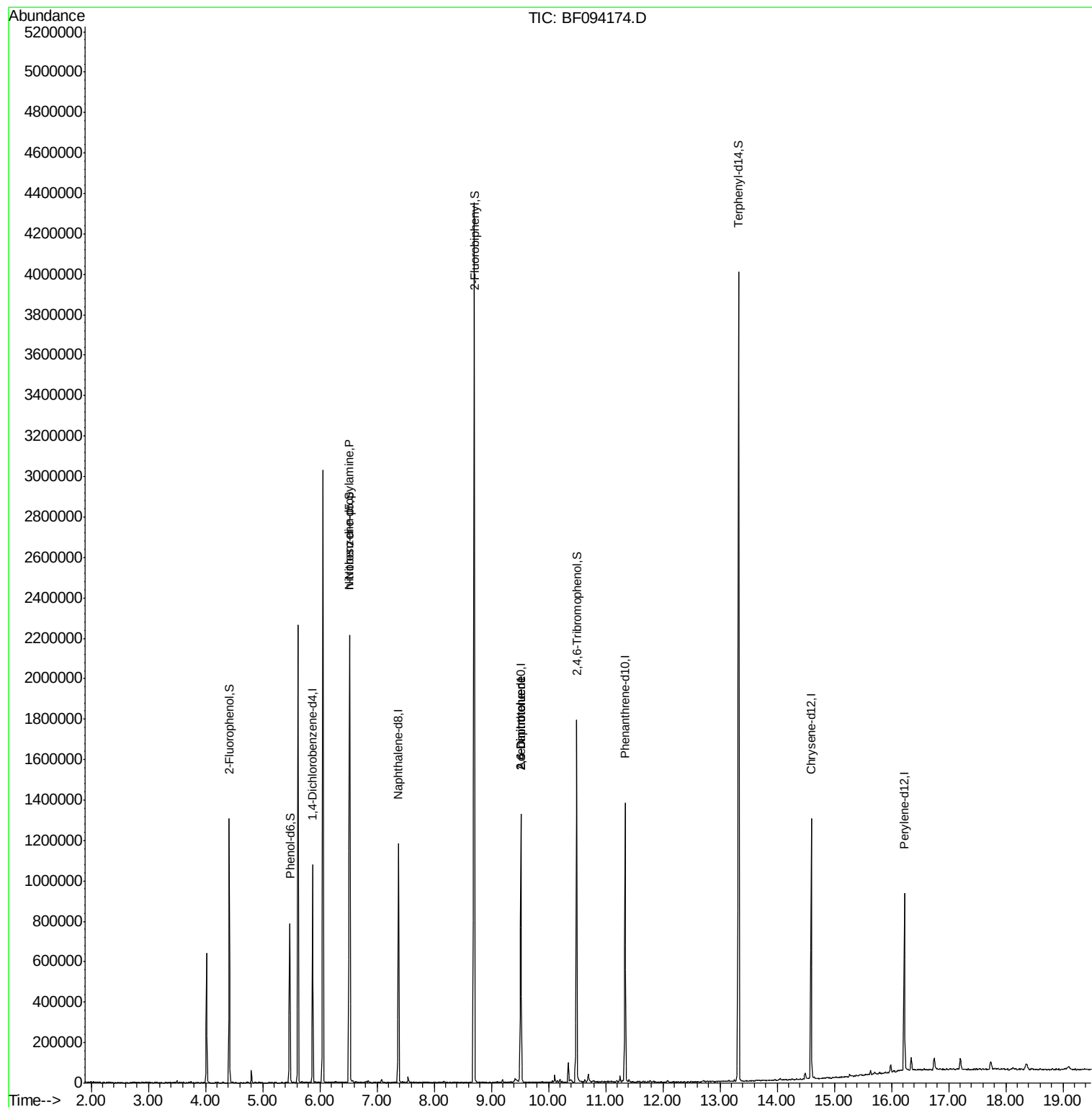
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	171538	20.00	ng	-0.03
21) Naphthalene-d8	7.37	136	700785	20.00	ng	-0.04
38) Acenaphthene-d10	9.52	164	329444	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	605156	20.00	ng	-0.03
75) Chrysene-d12	14.60	240	513955	20.00	ng	-0.03
86) Perylene-d12	16.23	264	365544	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	355119	34.97	ng	-0.02
7) Phenol-d6	5.47	99	296358	23.59	ng	-0.04
23) Nitrobenzene-d5	6.52	82	1046473	85.22	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	228449	87.75	ng	-0.03
44) 2-Fluorobiphenyl	8.70	172	1866139	86.40	ng	-0.03
78) Terphenyl-d14	13.33	244	1659738	72.39	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.52	70	137844	17.07	ng	# 78
50) 2,6-Dinitrotoluene	9.52	165	42661	7.95	ng	# 33
56) 2,4-Dinitrotoluene	9.52	165	42650	6.32	ng	# 33

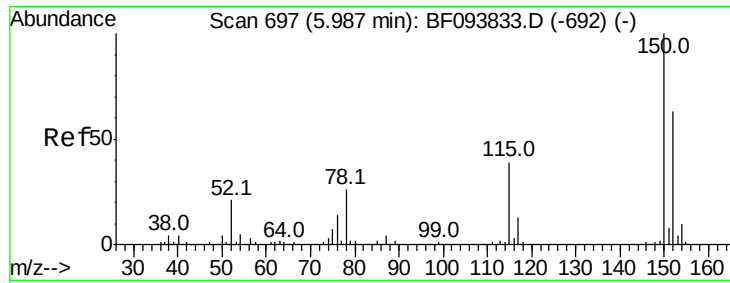
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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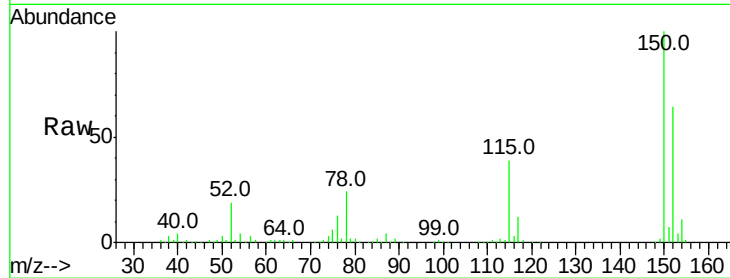


#1

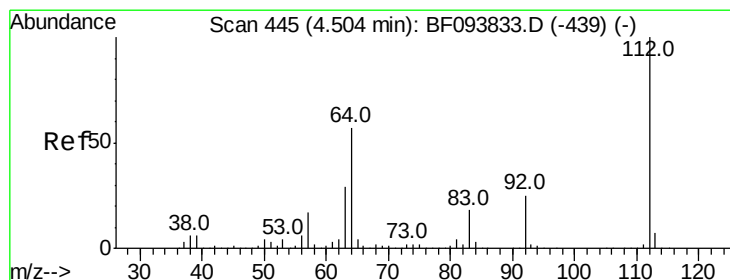
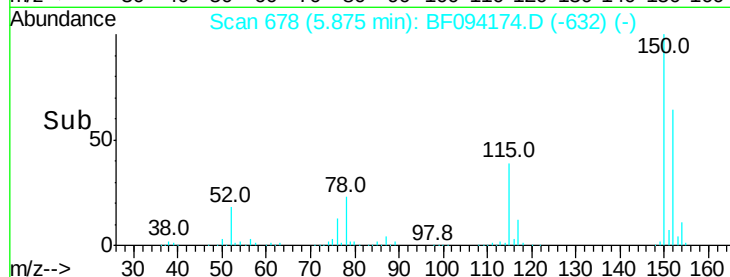
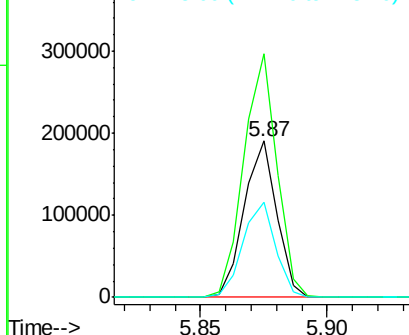
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.03 min
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ClientSampleId :
MW-8

Tot Ion:152 Resp: 171538
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 60.5 52.2 78.2



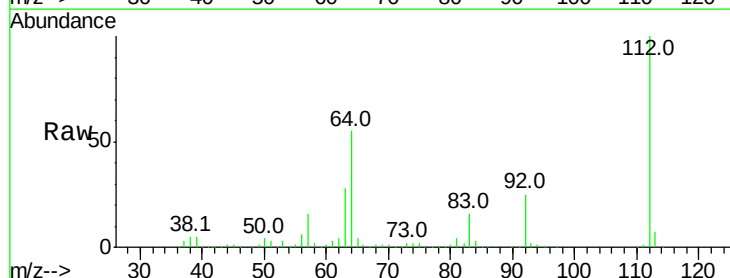
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



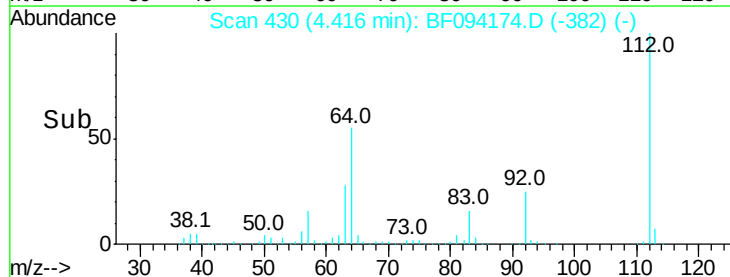
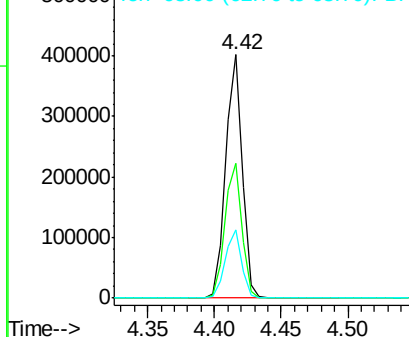
#5

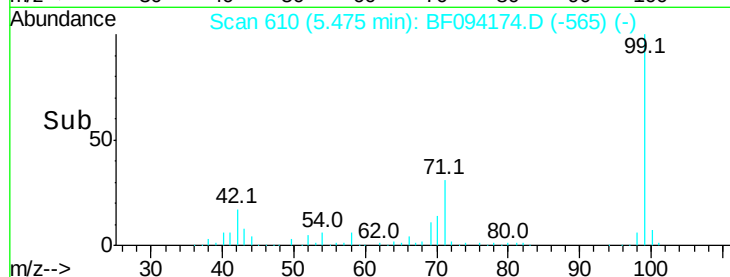
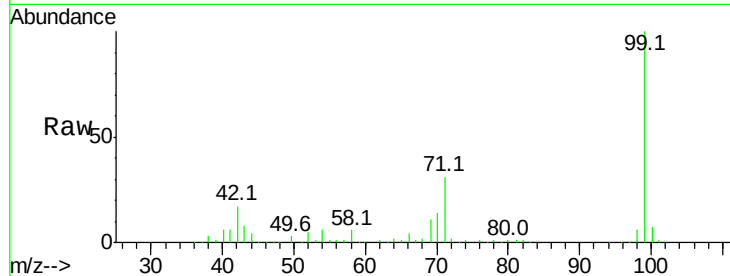
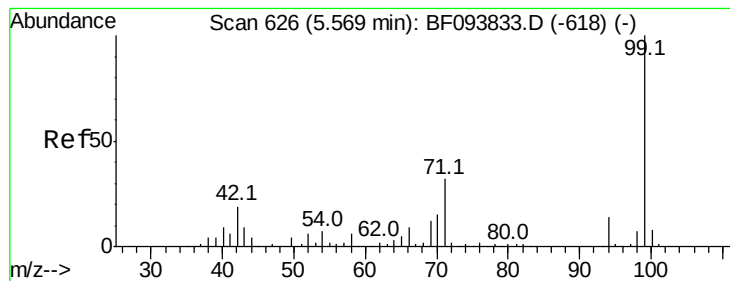
2-Fluorophenol
Concen: 34.97 ng
RT: 4.42 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF094174.D
Acq: 4 Apr 2017 18:30

Tgt Ion:112 Resp: 355119
Ion Ratio Lower Upper
112 100
64 55.2 46.0 69.0
63 28.1 23.4 35.0



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: 23.59 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094174.D

Acq: 4 Apr 2017 18:30

Instrument :

BNA_F

ClientSampleId :

MW-8

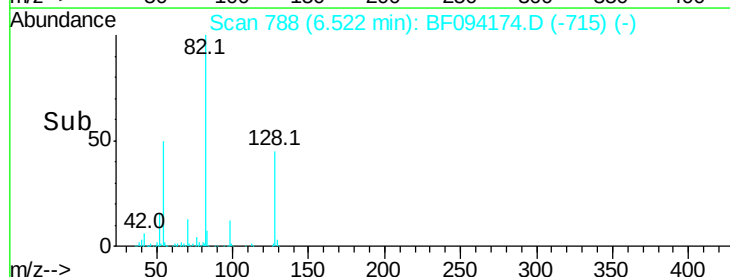
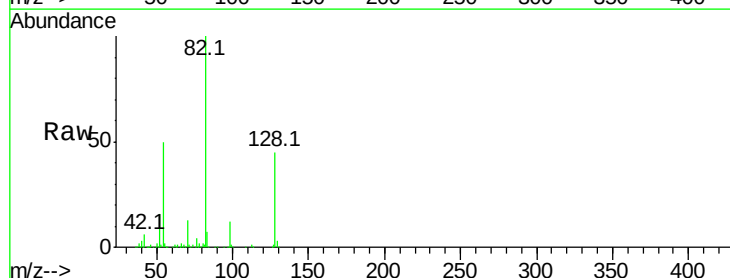
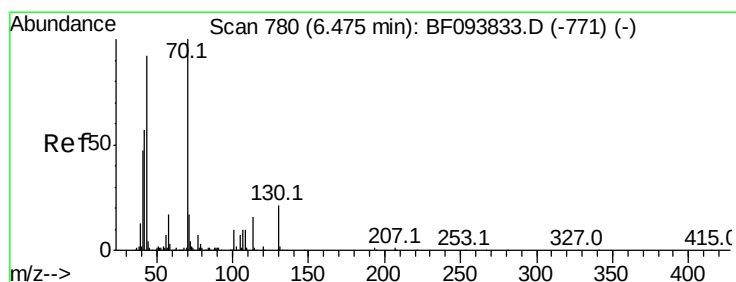
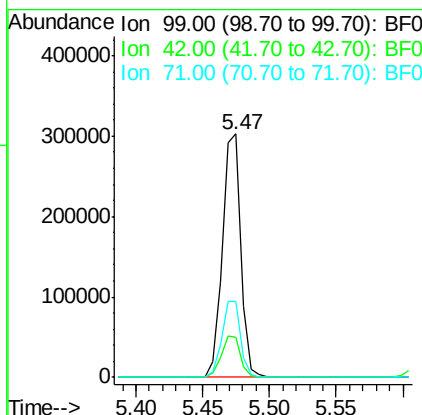
Tot Ion: 99 Resp: 296358

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

71 31.0 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.07 ng

RT: 6.52 min Scan# 788

Delta R.T. 0.13 min

Lab File: BF094174.D

Acq: 4 Apr 2017 18:30

Tgt Ion: 70 Resp: 137844

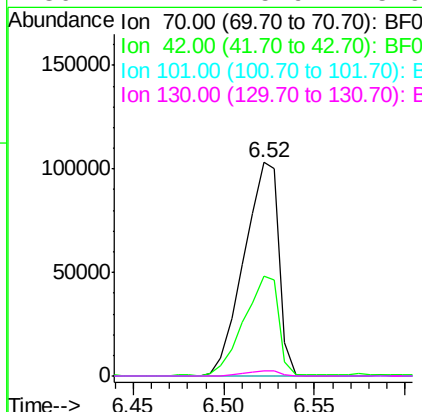
Ion Ratio Lower Upper

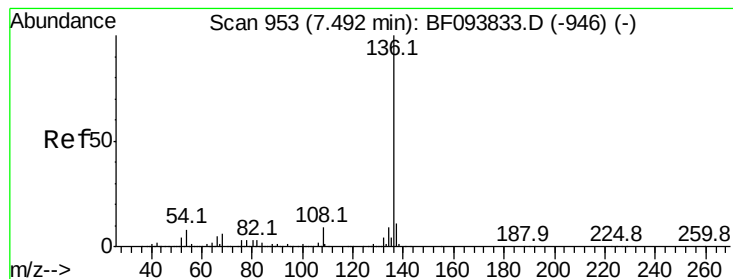
70 100

42 46.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.37 min Scan# 933

Delta R.T. -0.04 min

Lab File: BF094174.D

Acq: 4 Apr 2017 18:30

Instrument :

BNA_F

ClientSampleId :

MW-8

Tot Ion:136 Resp: 700785

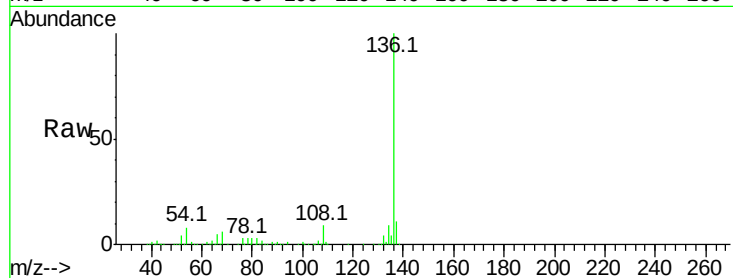
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.8 4.9 7.3#

68 6.4 4.1 6.1#

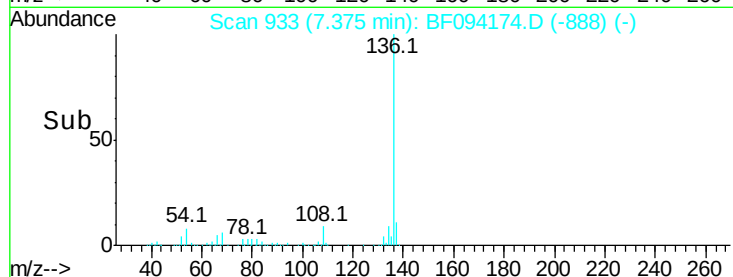


Abundance Ion 136.00 (135.70 to 136.70): E

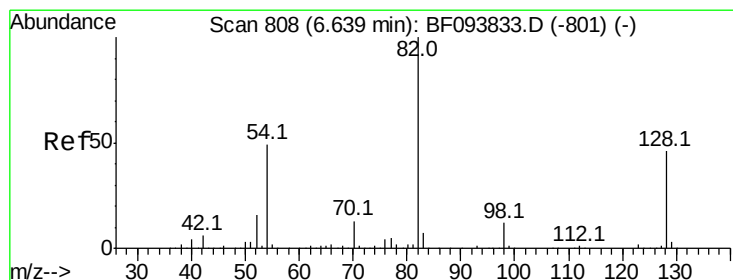
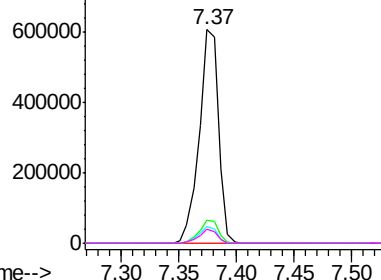
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 85.22 ng

RT: 6.52 min Scan# 788

Delta R.T. -0.04 min

Lab File: BF094174.D

Acq: 4 Apr 2017 18:30

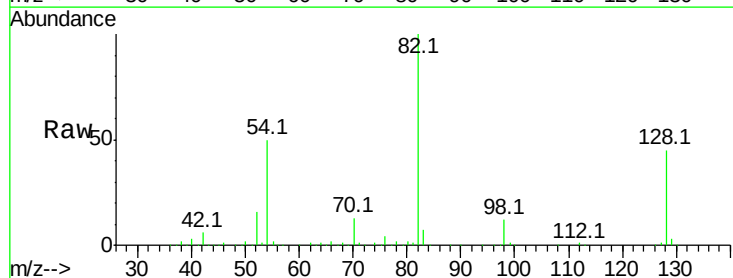
Tgt Ion: 82 Resp: 1046473

Ion Ratio Lower Upper

82 100

128 45.2 34.0 51.0

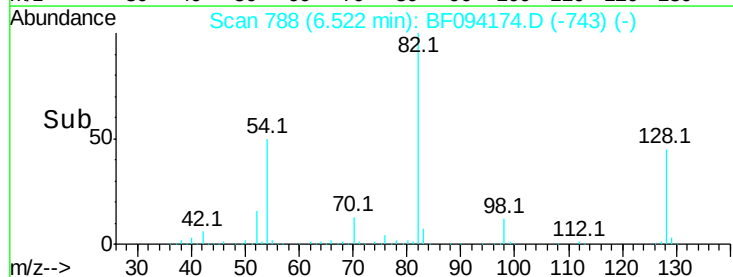
54 49.5 42.2 63.2



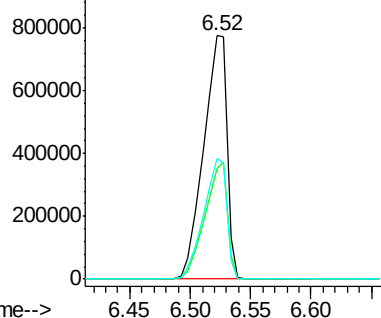
Abundance Ion 82.00 (81.70 to 82.70): BF0

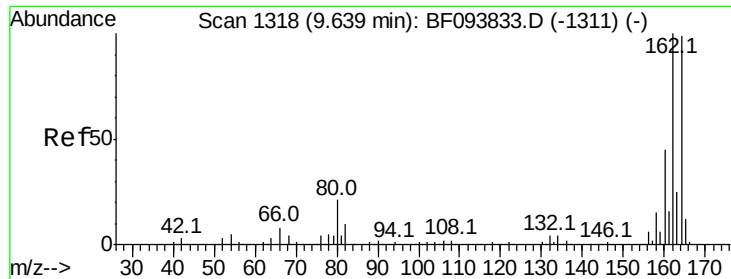
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.04 min

Lab File: BF094174.D

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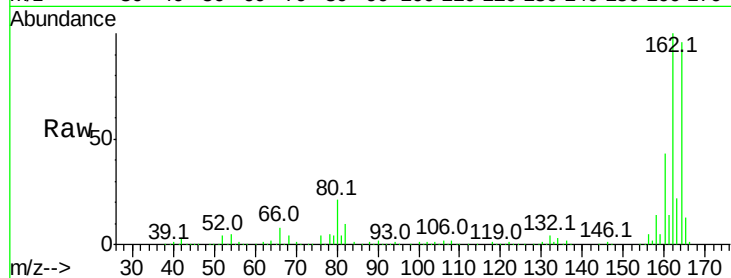
Tot Ion:164 Resp: 329444

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

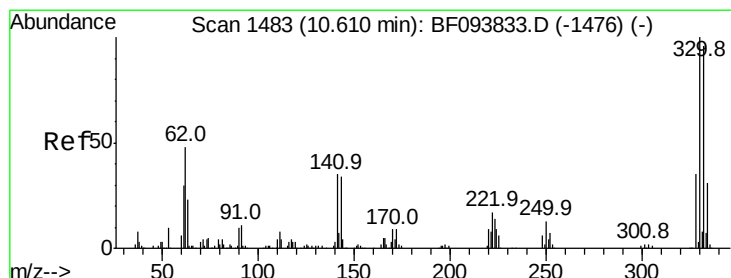
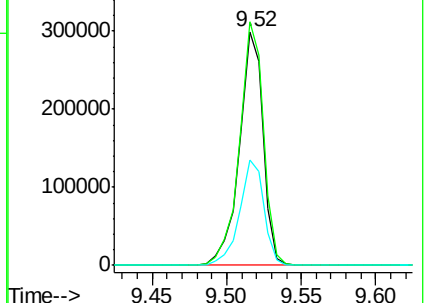
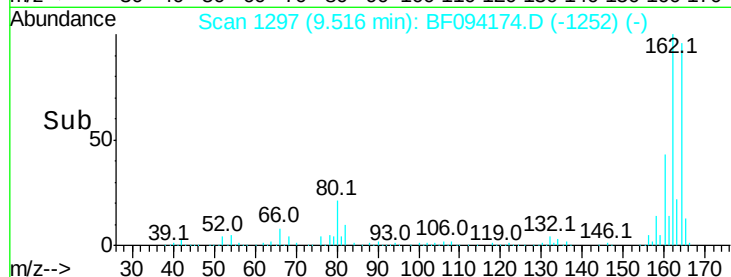
160 45.3 36.2 54.2



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: 87.75 ng

RT: 10.49 min Scan# 1463

Delta R.T. -0.03 min

Lab File: BF094174.D

Acq: 4 Apr 2017 18:30

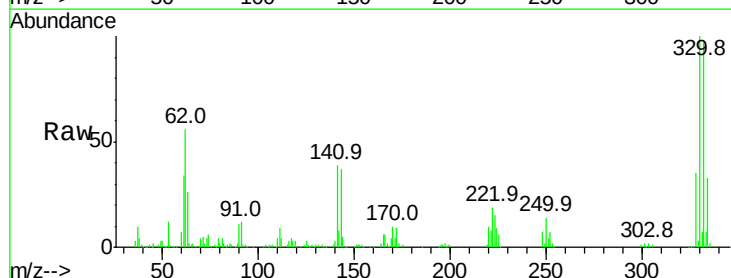
Tgt Ion:330 Resp: 228449

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

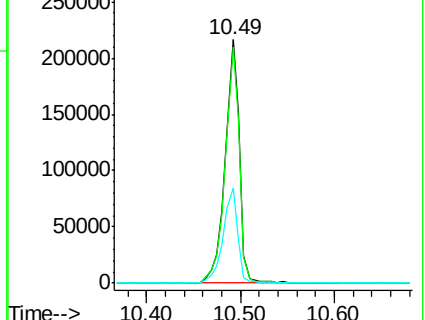
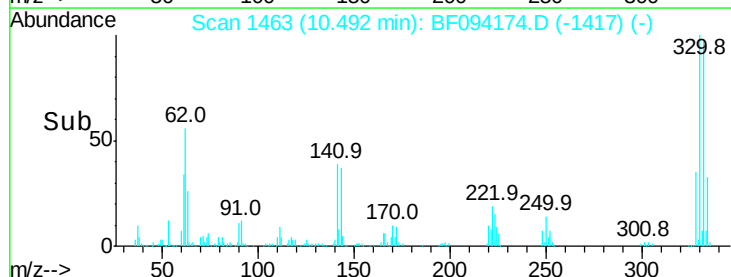
141 39.7 31.4 47.2

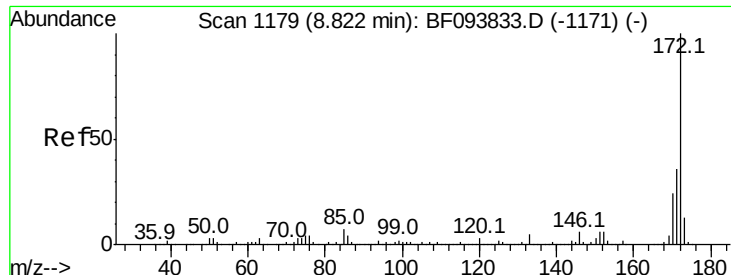


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

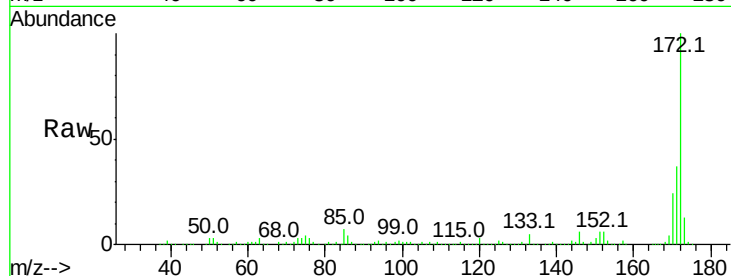




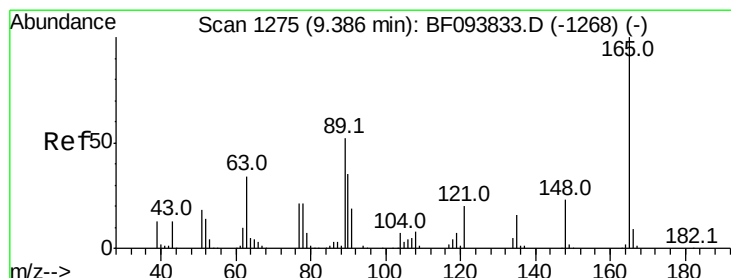
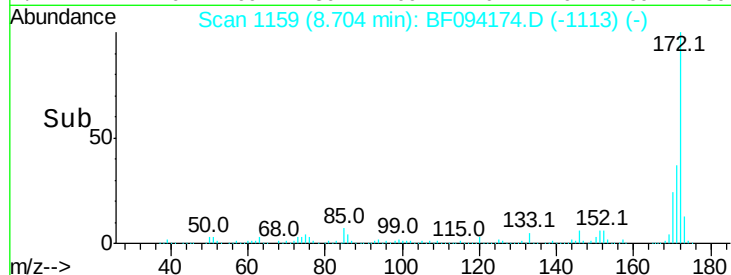
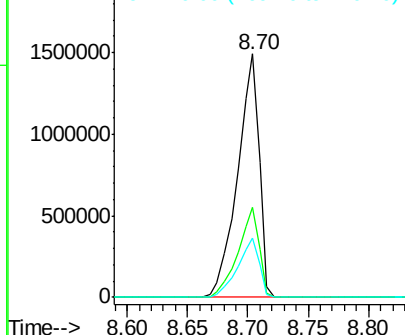
#44
 2-Fluorobiphenyl
 Concen: 86.40 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BF094174.D
 Acq: 4 Apr 2017 18:30

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Tot Ion:172 Resp: 1866139
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.2 19.8 29.8

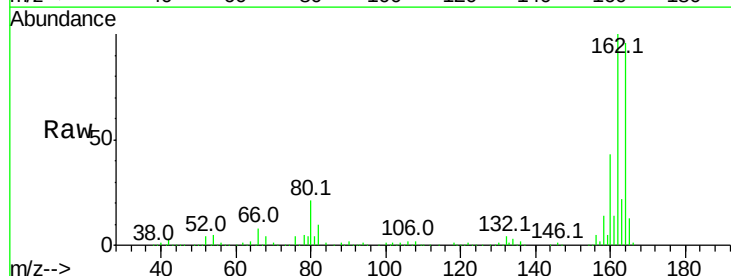


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

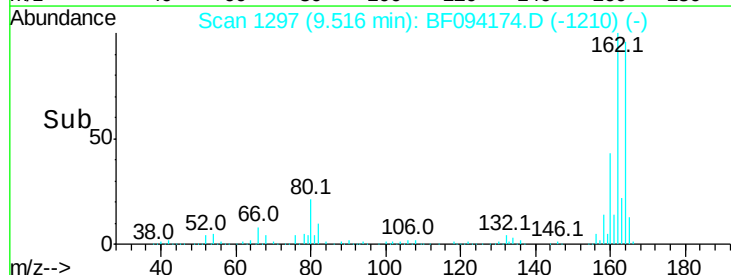
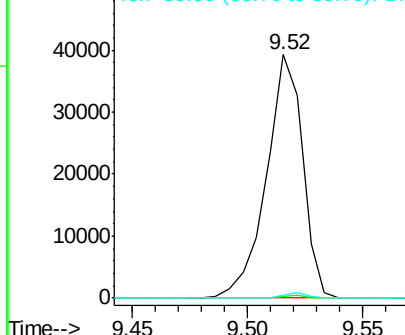


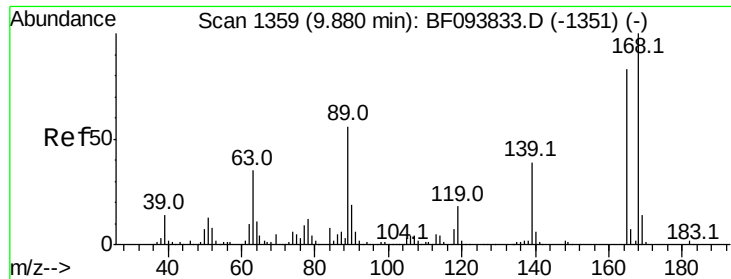
#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. 0.21 min
 Lab File: BF094174.D
 Acq: 4 Apr 2017 18:30

Tgt Ion:165 Resp: 42661
 Ion Ratio Lower Upper
 165 100
 63 0.9 34.3 51.5#
 89 1.4 37.1 55.7#



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

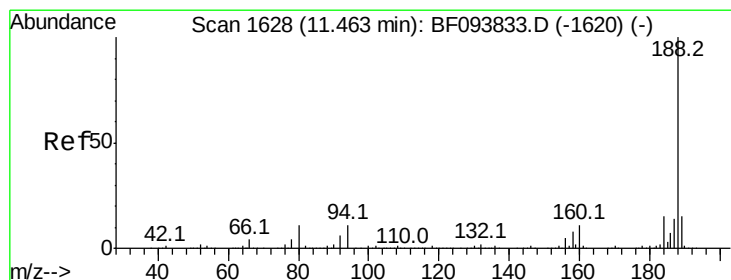
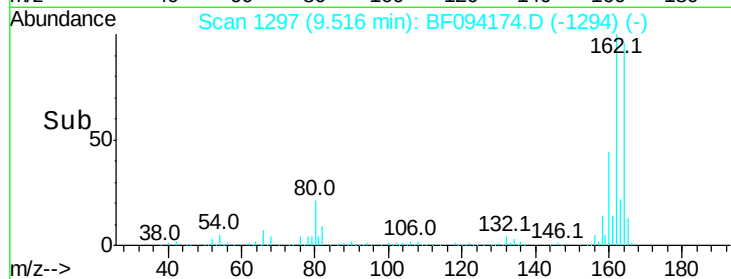
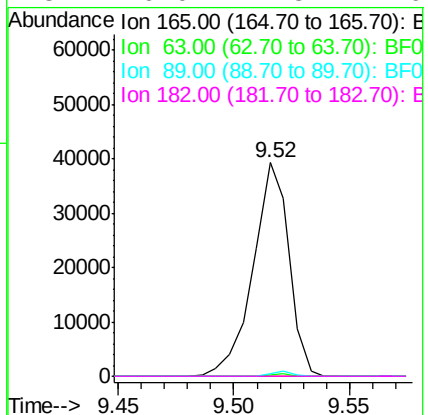
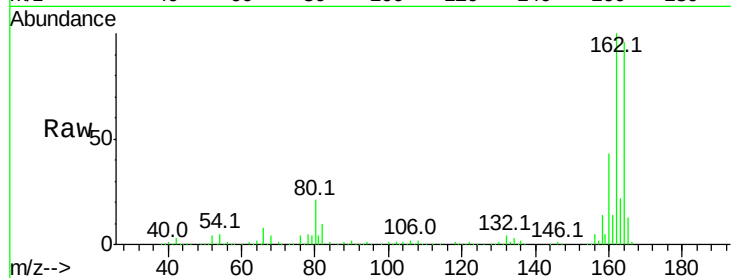




#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.28 min
 Lab File: BF094174.D
 Acq: 4 Apr 2017 18:30

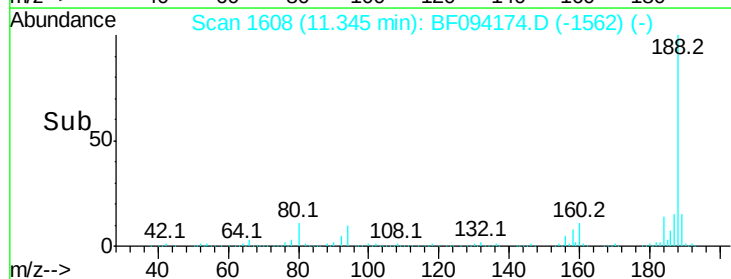
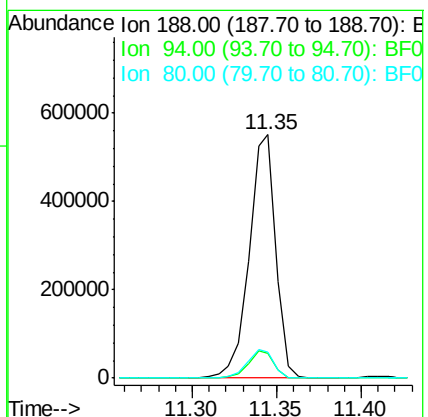
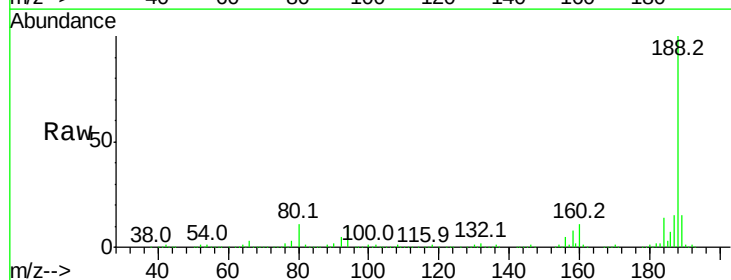
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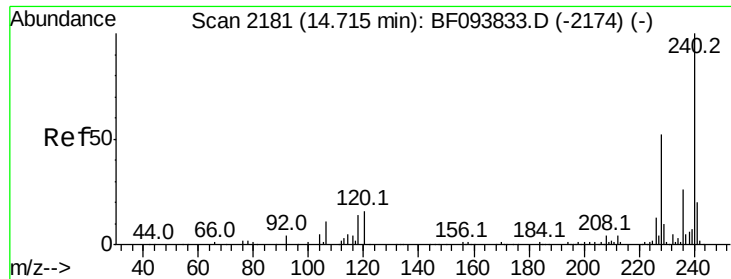
Tot Ion:	165	Resp:	42650
Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1608
 Delta R.T. -0.03 min
 Lab File: BF094174.D
 Acq: 4 Apr 2017 18:30

Tgt Ion:	188	Resp:	605156
Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	10.9	10.2	15.2

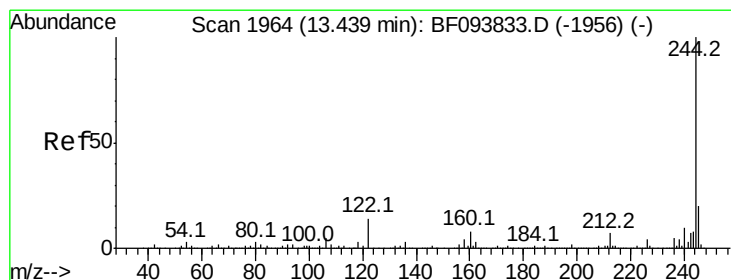
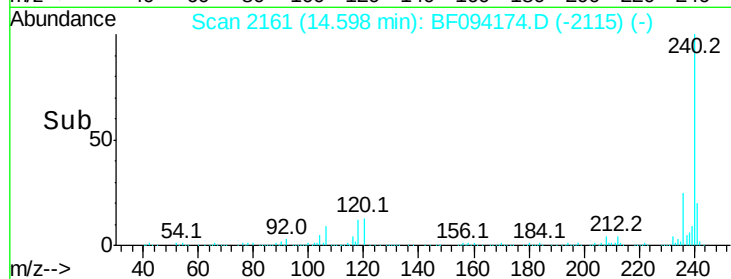
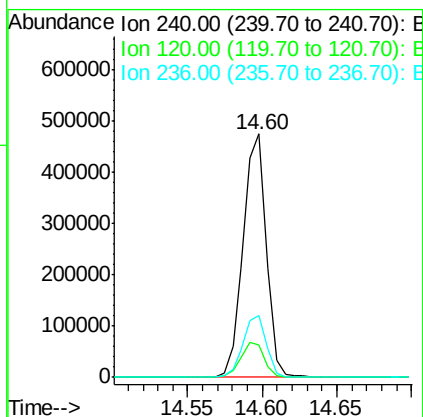
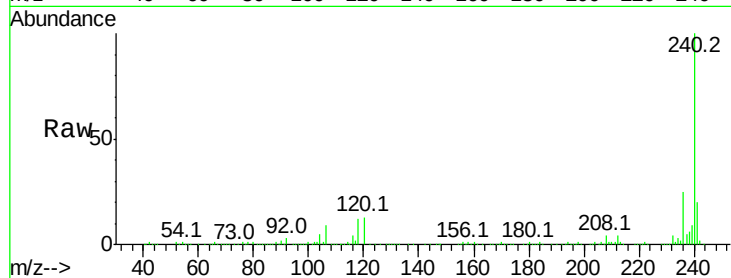




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.60 min Scan# 2161
 Delta R.T. -0.03 min
 Lab File: BF094174.D
 Acq: 4 Apr 2017 18:30

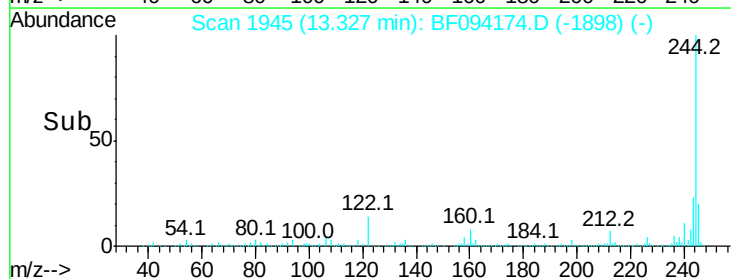
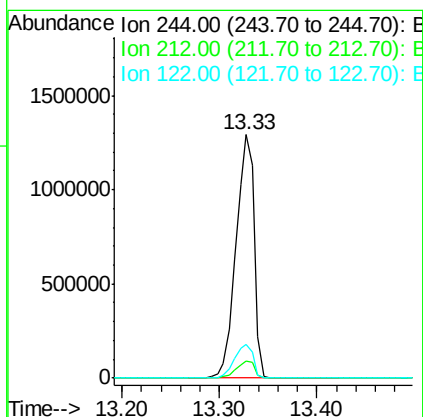
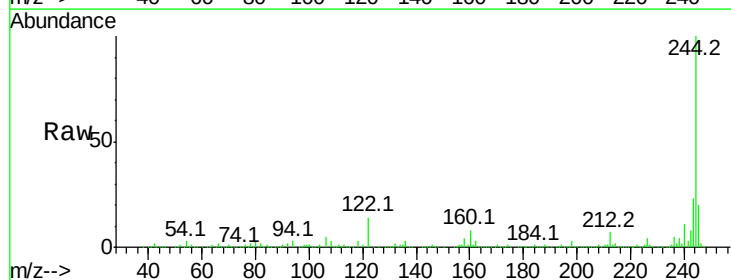
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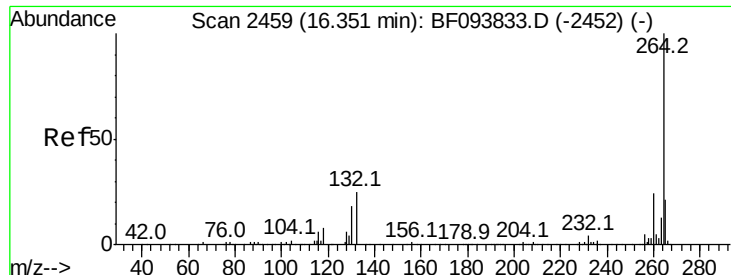
Tot Ion:240 Resp: 513955
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.8 8.8#
 236 25.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 72.39 ng
 RT: 13.33 min Scan# 1945
 Delta R.T. -0.02 min
 Lab File: BF094174.D
 Acq: 4 Apr 2017 18:30

Tgt Ion:244 Resp: 1659738
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.0 10.3 15.5

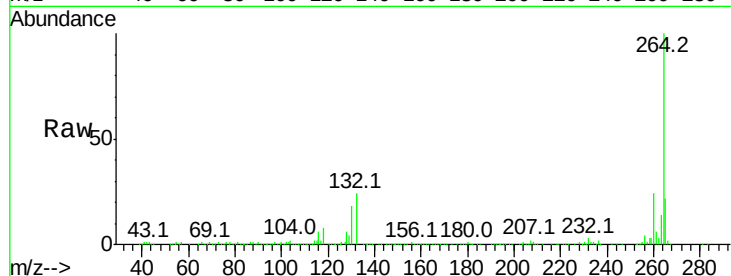




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BF094174.D
 Acq: 4 Apr 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tot Ion:264 Resp: 365544
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.7 17.2 25.8



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

