

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093630.D
 Acq On : 14 Mar 2017 2:02
 Operator : SJ/MA
 Sample : I2199-22
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-89

Quant Time: Mar 14 02:26:16 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

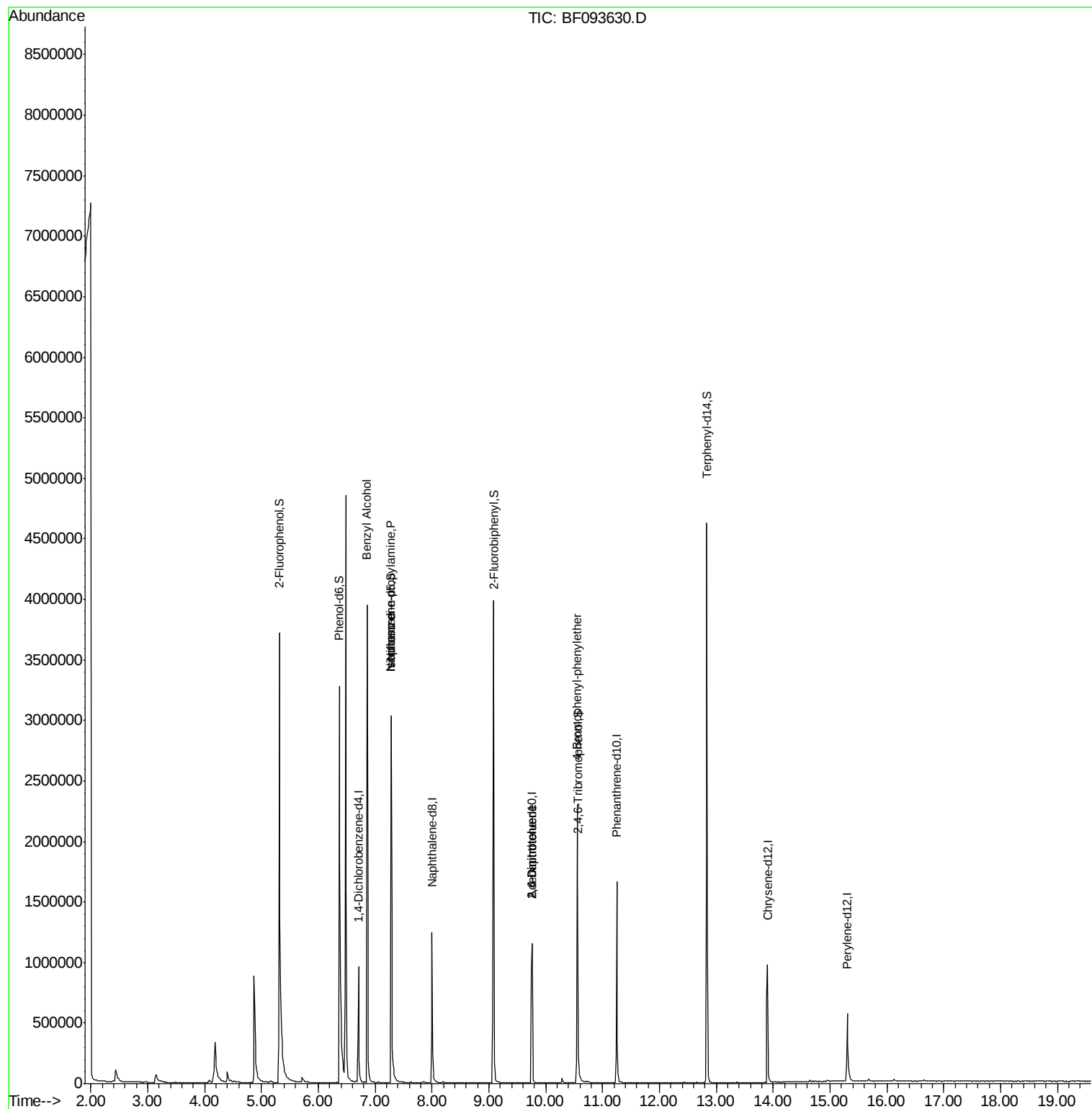
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	169932	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	679154	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	325813	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	636566	20.00	ng	0.00
75) Chrysene-d12	13.90	240	492664	20.00	ng	0.01
86) Perylene-d12	15.31	264	280035	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1480667	145.02	ng	0.00
7) Phenol-d6	6.37	99	1838231	142.77	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1211830	99.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	377847	178.00	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1964397	112.15	ng	0.00
78) Terphenyl-d14	12.84	244	1710957	90.29	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2462	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	19440	2.12	ng	# 45
19) n-Nitroso-di-n-propylamine	7.28	70	159047	17.97	ng	# 86
25) Isophorone	7.28	82	1186879	48.08	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	42087	8.88	ng	# 32
56) 2,4-Dinitrotoluene	9.76	165	42088	7.23	ng	# 21
66) 4-Bromophenyl-phenylether	10.55	248	26499	3.94	ng	# 1

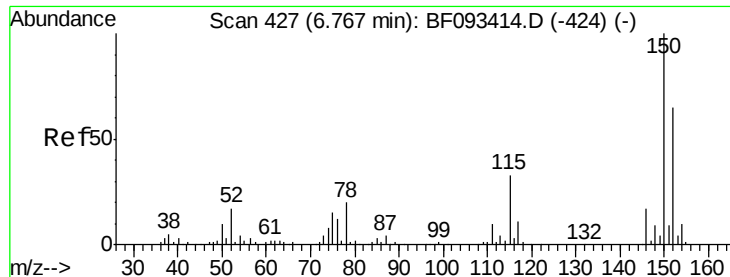
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093630.D

Acq: 14 Mar 2017 2:02

Instrument :

BNA_F

ClientSampleId :

D-89

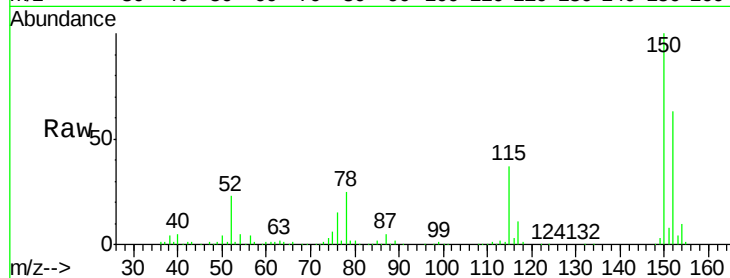
Tgt Ion:152 Resp: 169932

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

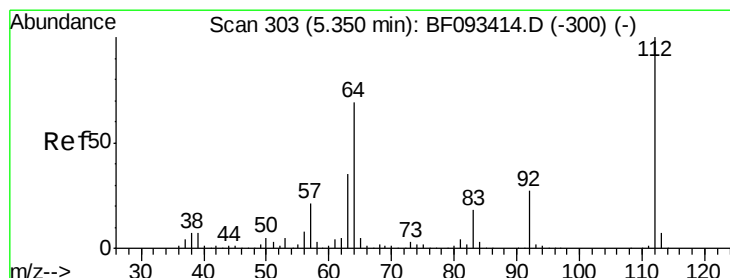
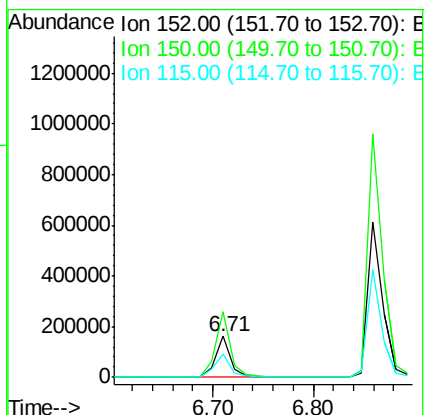
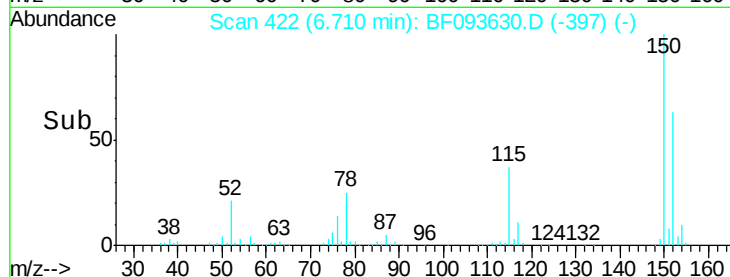
115 58.0 46.0 69.0



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: 145.02 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093630.D

Acq: 14 Mar 2017 2:02

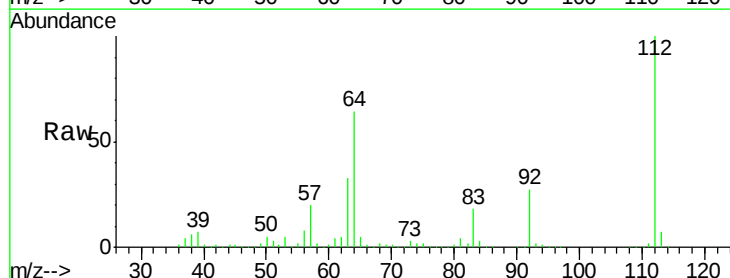
Tgt Ion:112 Resp: 1480667

Ion Ratio Lower Upper

112 100

64 64.1 46.1 69.1

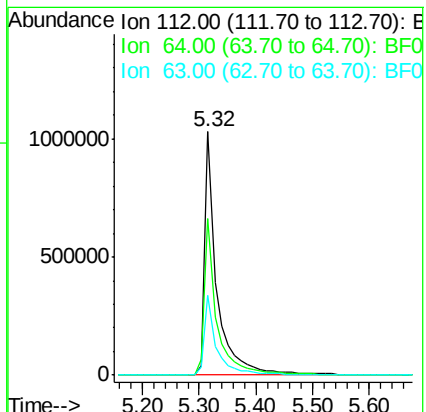
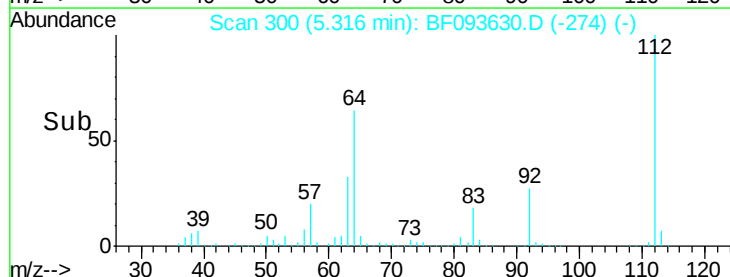
63 32.6 23.8 35.6

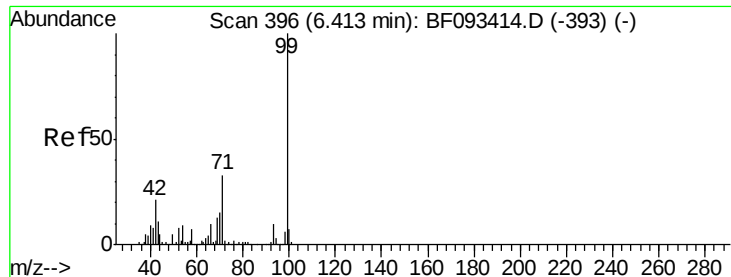


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.77 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093630.D

Acq: 14 Mar 2017 2:02

Instrument :

BNA_F

ClientSampleID :

D-89

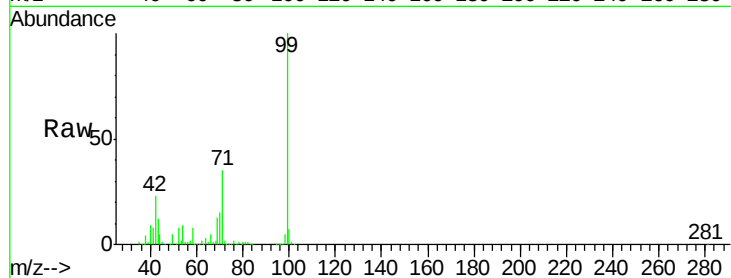
Tgt Ion: 99 Resp: 1838231

Ion Ratio Lower Upper

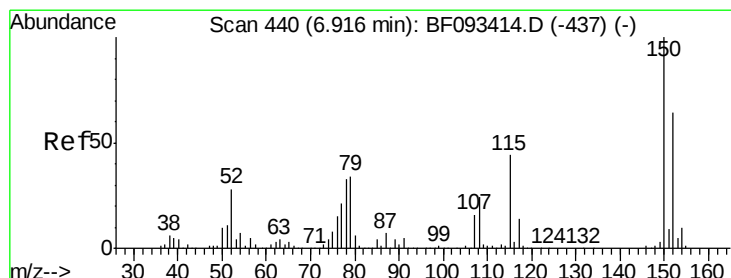
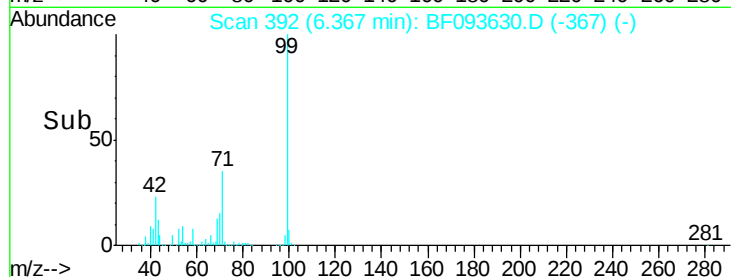
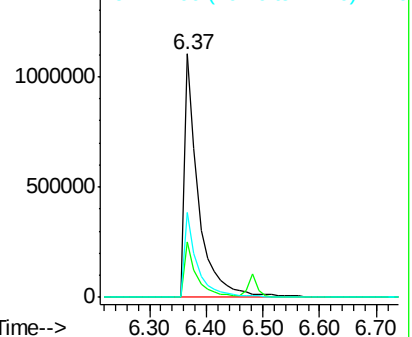
99 100

42 22.7 15.6 23.4

71 34.9 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



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093630.D

Acq: 14 Mar 2017 2:02

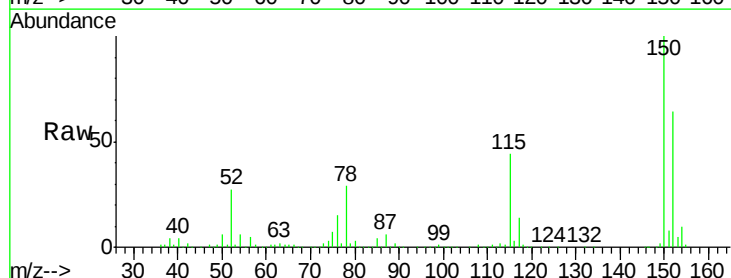
Tgt Ion: 79 Resp: 19440

Ion Ratio Lower Upper

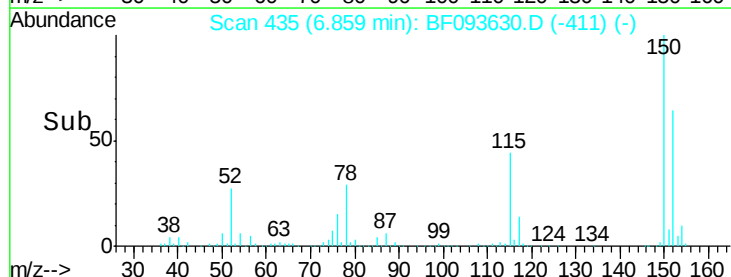
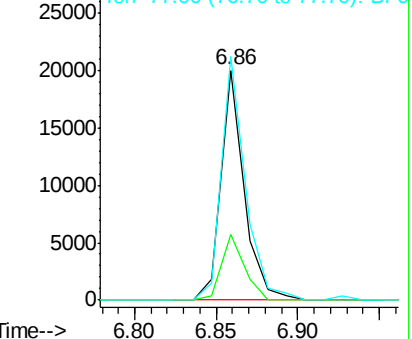
79 100

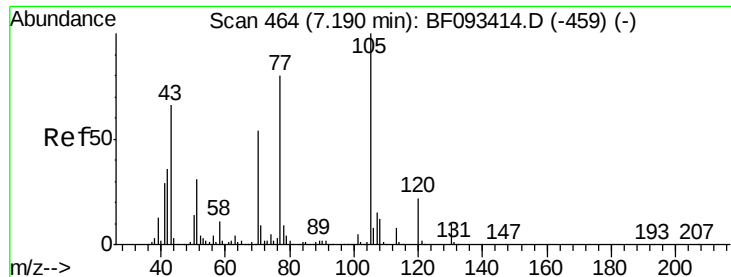
108 28.5 61.4 92.0#

77 106.0 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

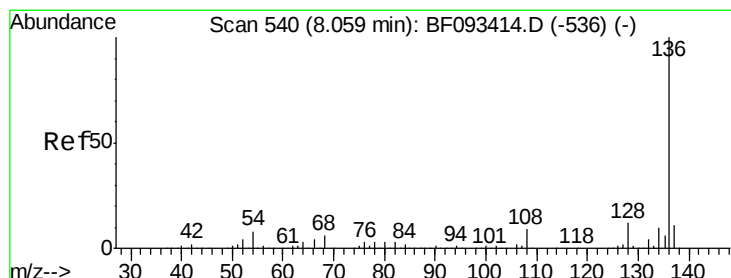
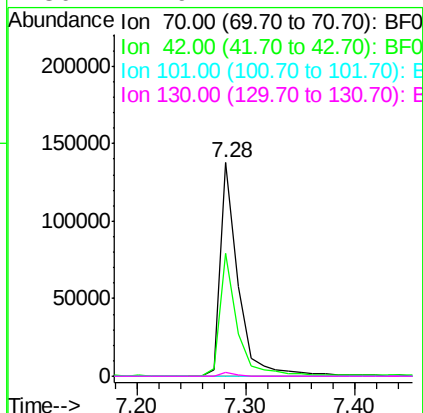
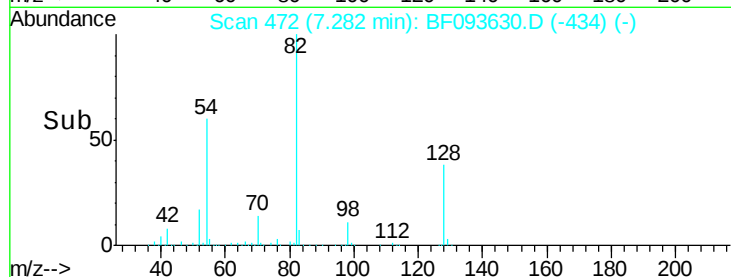
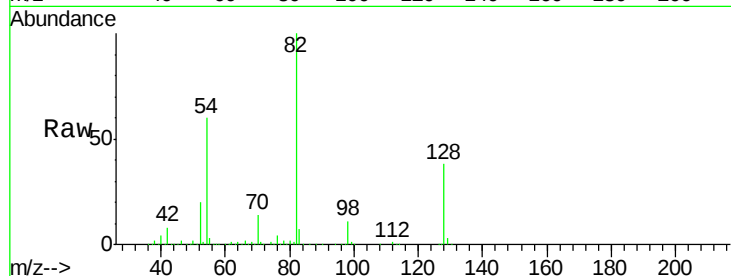




#19
n-Nitroso-di-n-propylamine
Concen: 17.97 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

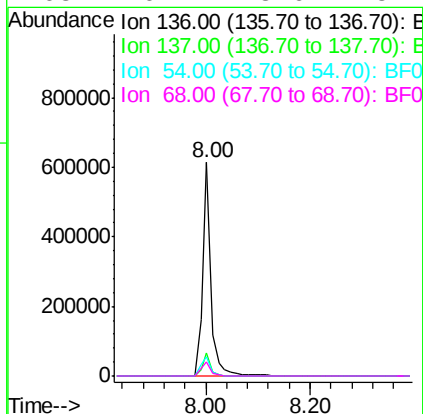
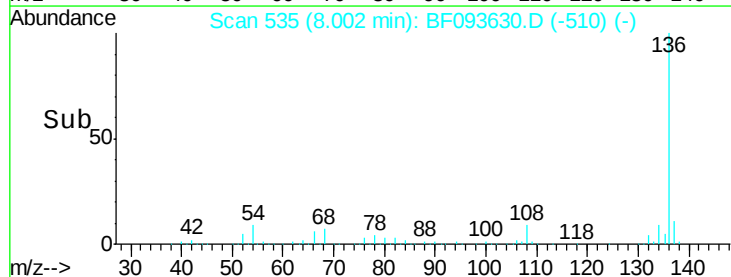
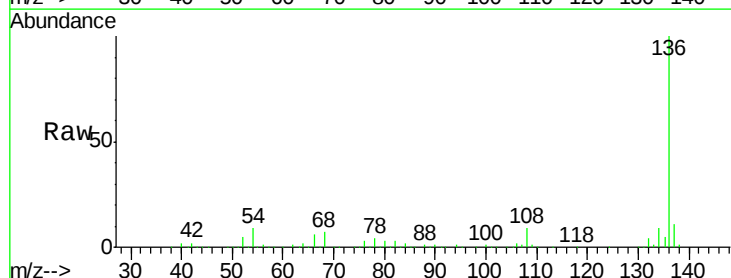
Instrument :
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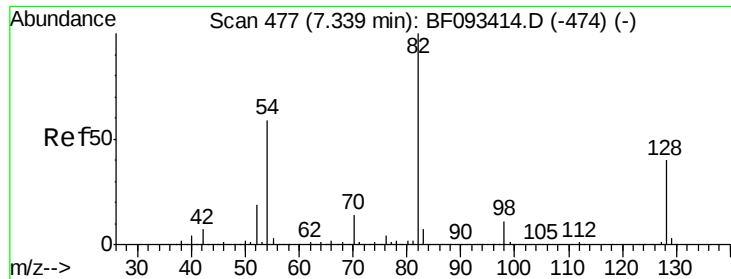
Tgt Ion: 70 Resp: 159047
Ion Ratio Lower Upper
70 100
42 57.5 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Tgt Ion: 136 Resp: 679154
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.9 4.5 6.7#
68 6.7 3.6 5.4#

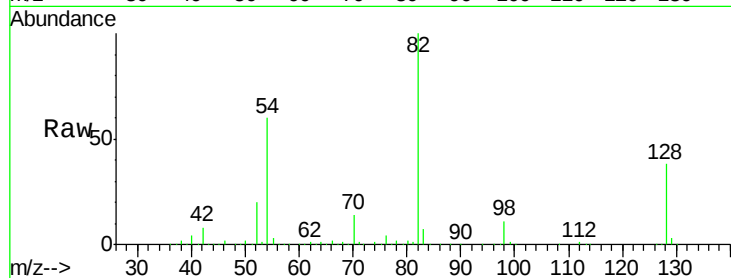




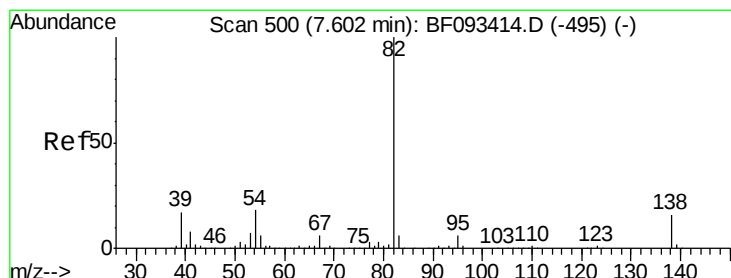
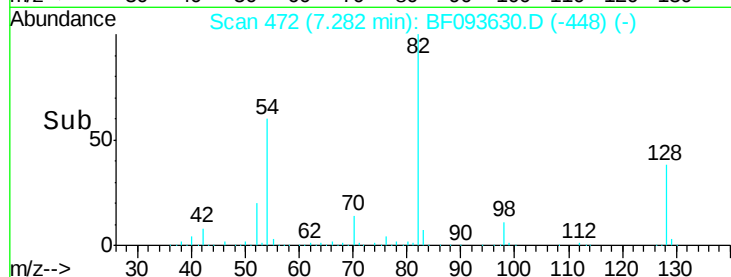
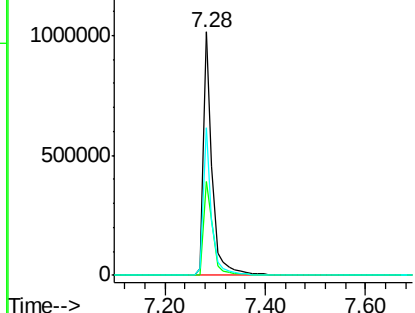
#23
 Nitrobenzene-d5
 Concen: 99.00 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093630.D
 Acq: 14 Mar 2017 2:02

Instrument :
 BNA_F
 ClientSampleId :
 D-89

Tgt Ion: 82 Resp: 1211830
 Ion Ratio Lower Upper
 82 100
 128 38.4 34.6 52.0
 54 60.4 39.5 59.3#

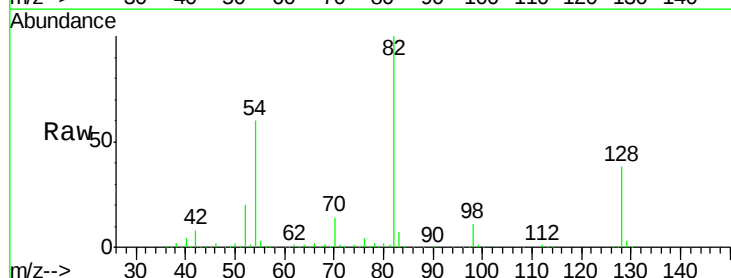


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

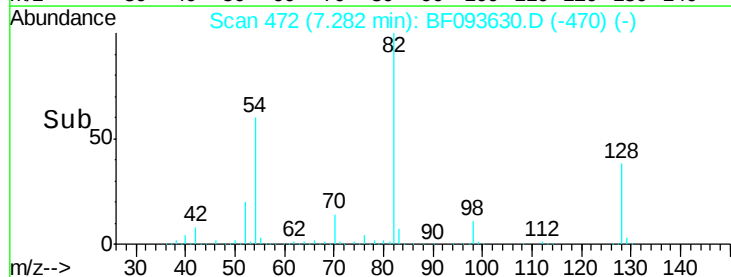
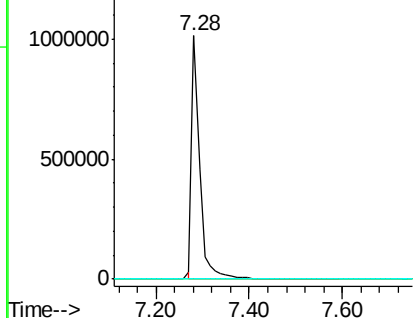


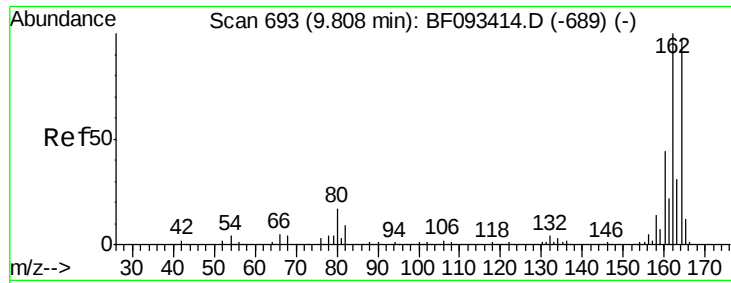
#25
 Isophorone
 Concen: 48.08 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093630.D
 Acq: 14 Mar 2017 2:02

Tgt Ion: 82 Resp: 1186879
 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

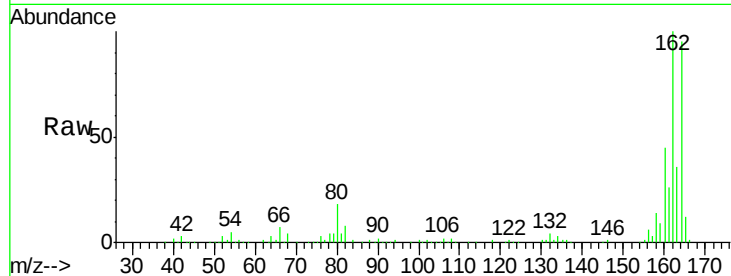




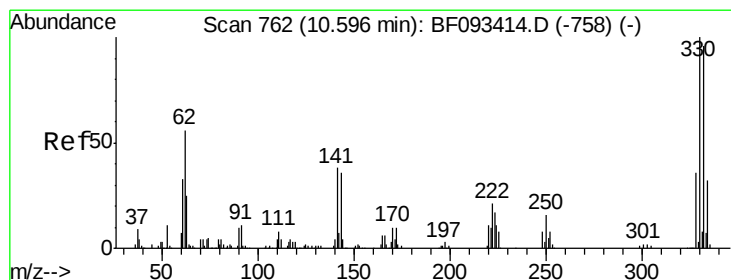
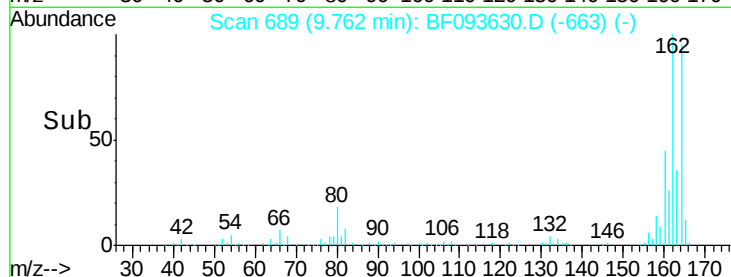
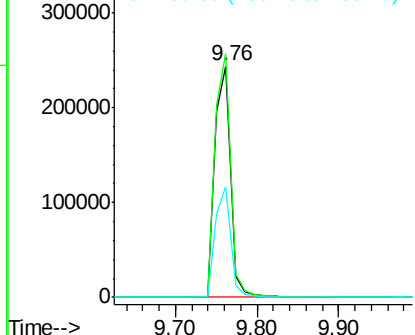
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF093630.D
 Acq: 14 Mar 2017 2:02

Instrument :
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 ClientSampleId :
 D-89

Tgt Ion:164 Resp: 325813
 Ion Ratio Lower Upper
 164 100
 162 105.3 80.2 120.2
 160 47.5 36.9 55.3

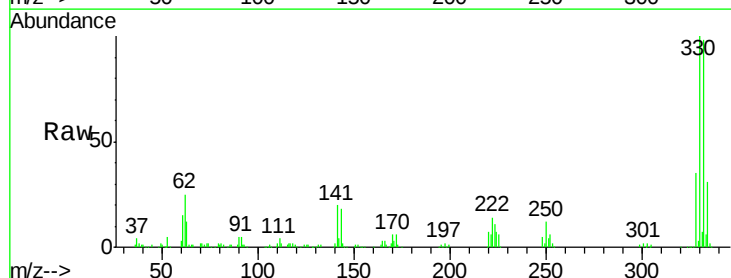


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

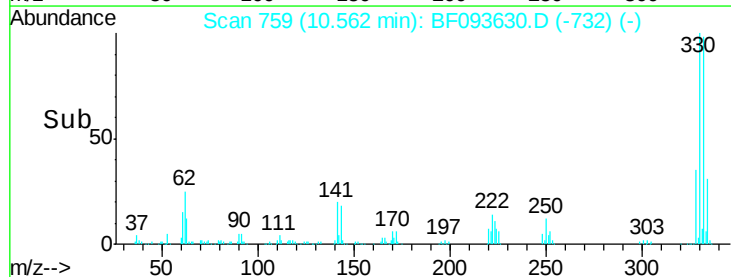
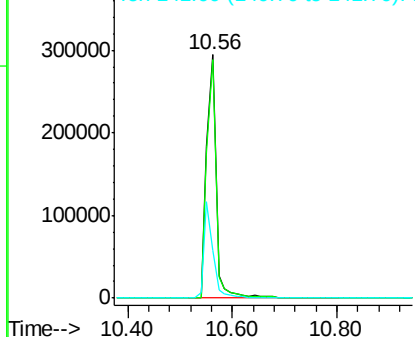


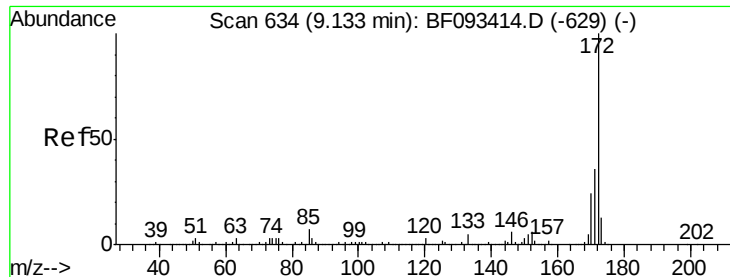
#41
 2,4,6-Tribromophenol
 Concen: 178.00 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093630.D
 Acq: 14 Mar 2017 2:02

Tgt Ion:330 Resp: 377847
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 38.2 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

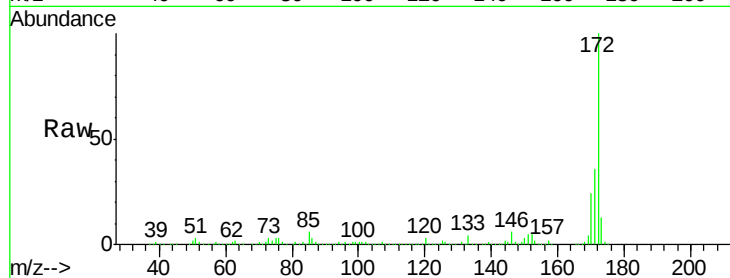




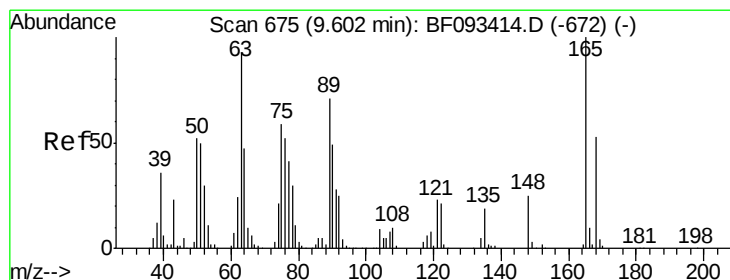
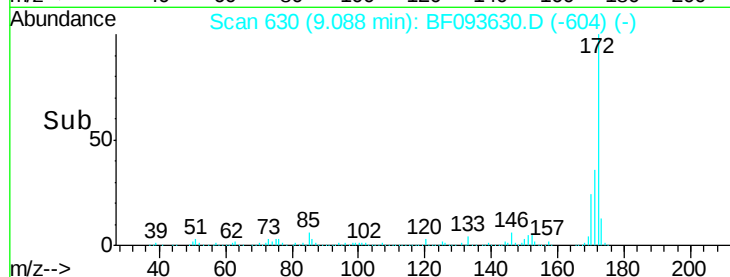
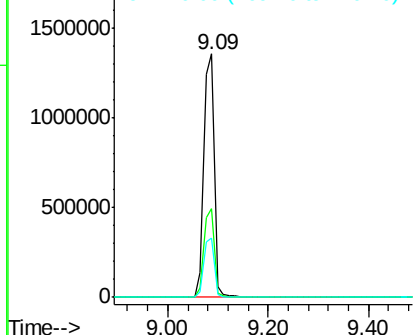
#44
 2-Fluorobiphenyl
 Concen: 112.15 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093630.D
 Acq: 14 Mar 2017 2:02

Instrument :
 BNA_F
 ClientSampleId :
 D-89

Tgt Ion:172 Resp: 1964397
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 20.2 30.4

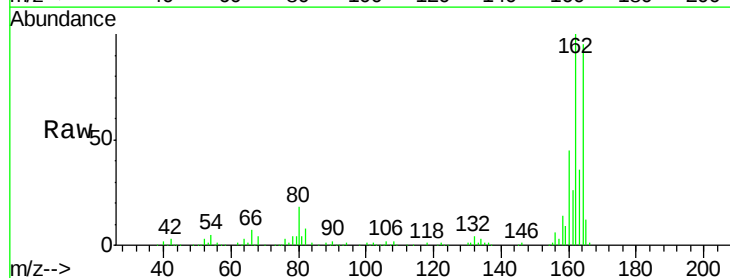


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

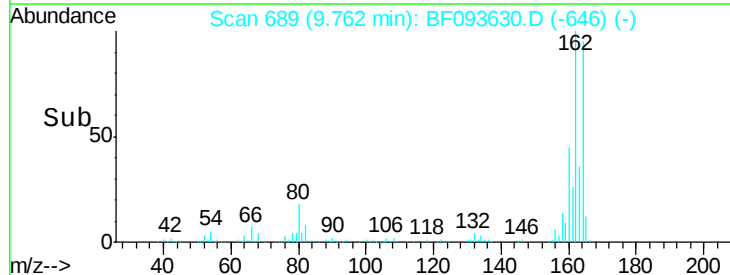
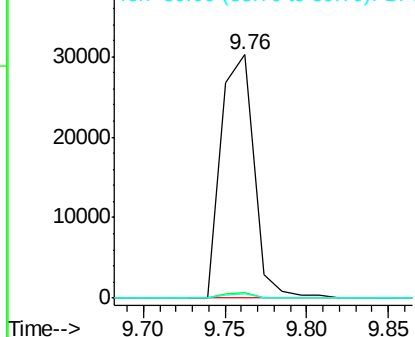


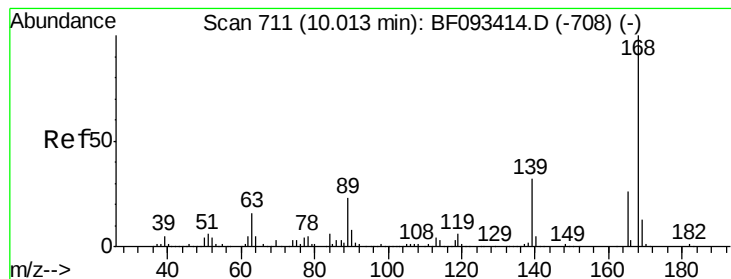
#50
 2,6-Dinitrotoluene
 Concen: 8.88 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.19 min
 Lab File: BF093630.D
 Acq: 14 Mar 2017 2:02

Tgt Ion:165 Resp: 42087
 Ion Ratio Lower Upper
 165 100
 63 2.1 36.2 54.4#
 89 1.6 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: 7.23 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.22 min

Lab File: BF093630.D

Acq: 14 Mar 2017 2:02

Instrument :

BNA_F

ClientSampleId :

D-89

Tgt Ion:165 Resp: 42088

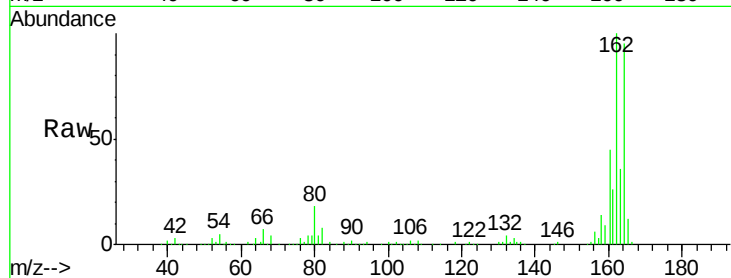
Ion Ratio Lower Upper

165 100

63 2.1 40.2 60.4#

89 1.6 62.5 93.7#

182 0.0 1.8 2.8#

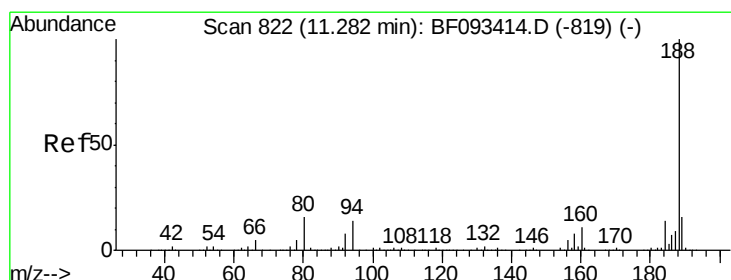
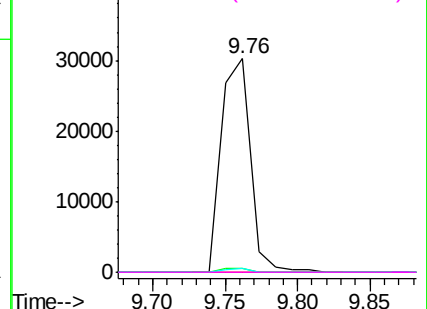
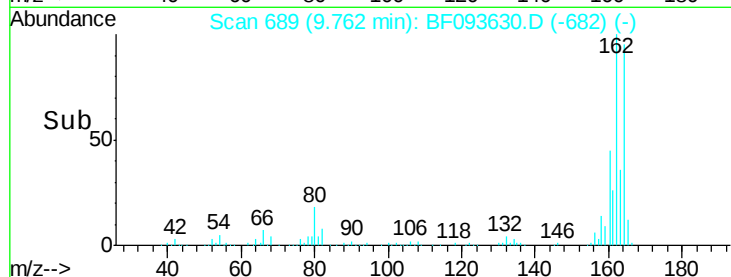


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF093630.D

Acq: 14 Mar 2017 2:02

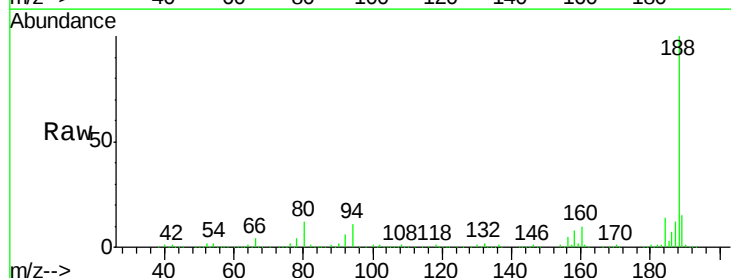
Tgt Ion:188 Resp: 636566

Ion Ratio Lower Upper

188 100

94 11.0 10.0 15.0

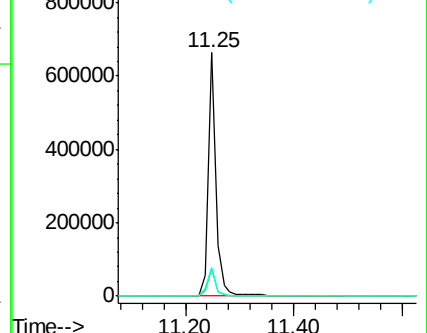
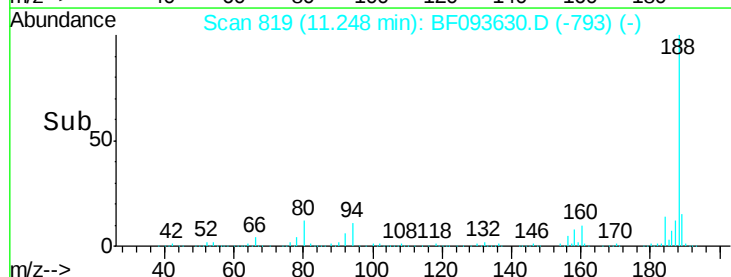
80 11.8 11.2 16.8

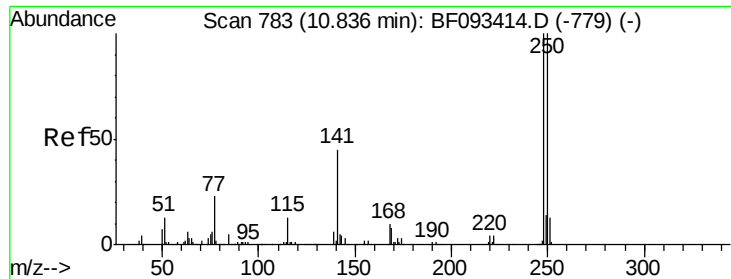


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

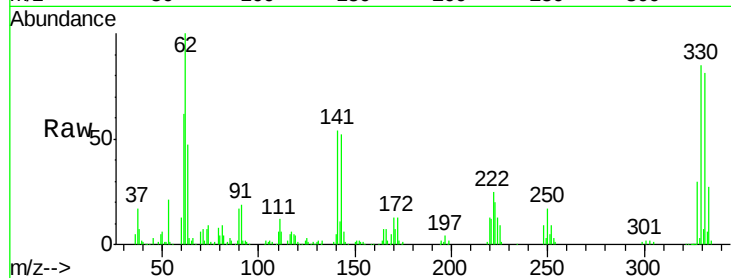




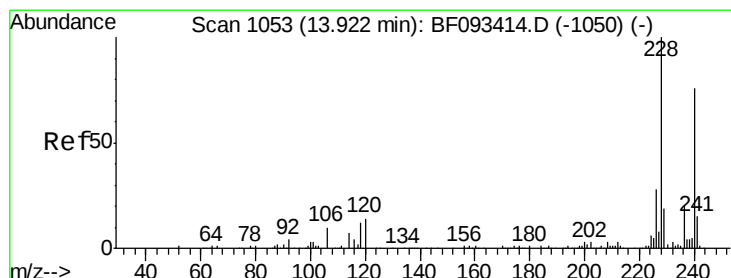
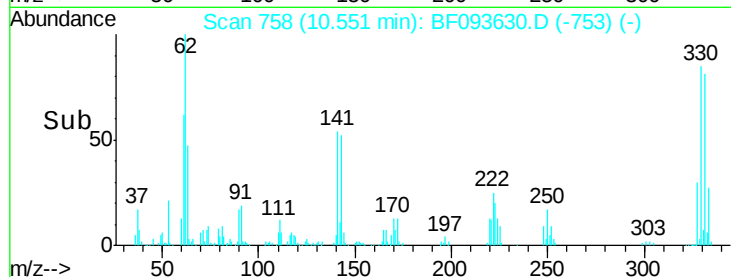
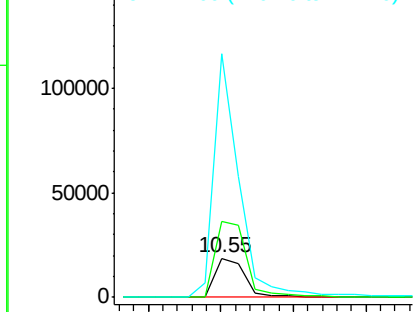
#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
D-89

Tgt Ion:248 Resp: 26499
Ion Ratio Lower Upper
248 100
250 195.7 76.9 115.3#
141 623.1 68.2 102.4#

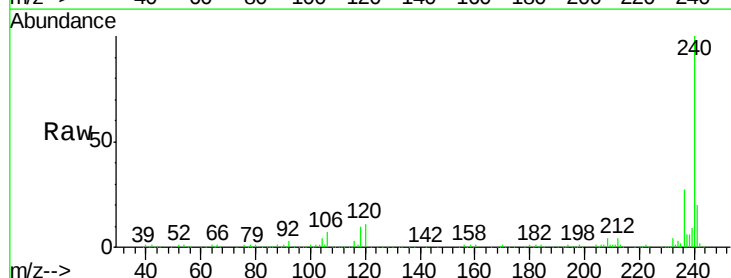


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

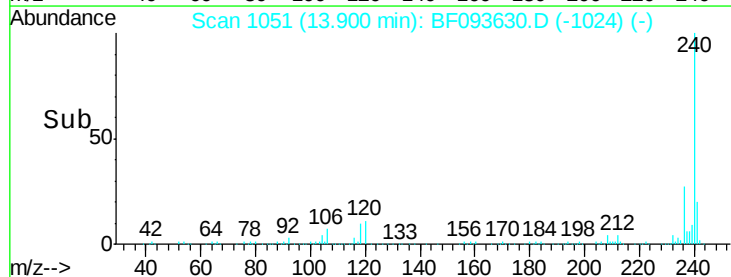
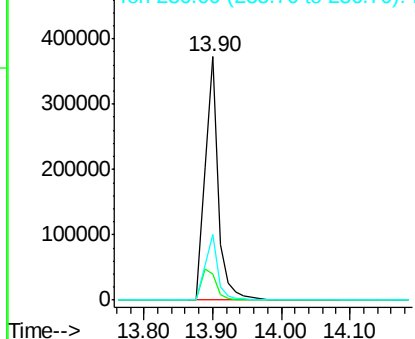


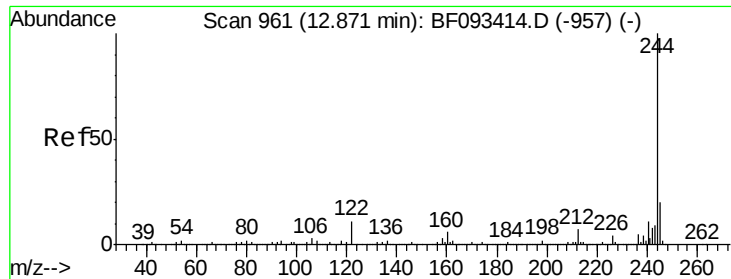
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Tgt Ion:240 Resp: 492664
Ion Ratio Lower Upper
240 100
120 10.7 12.9 19.3#
236 26.8 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

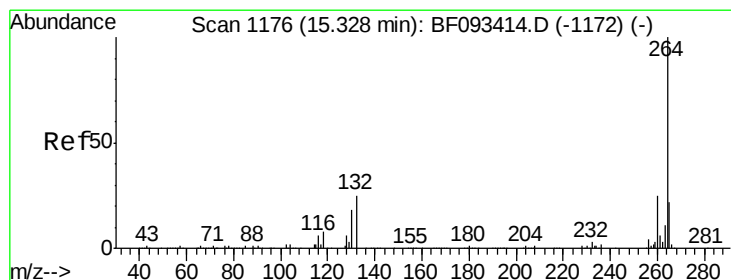
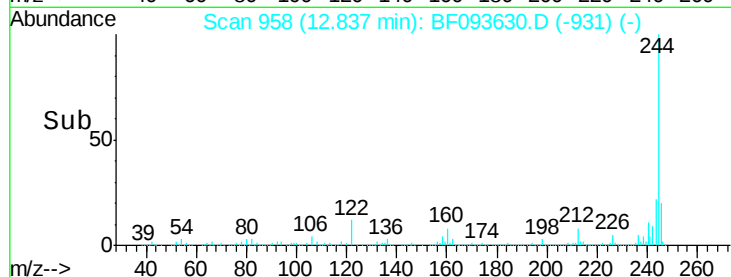
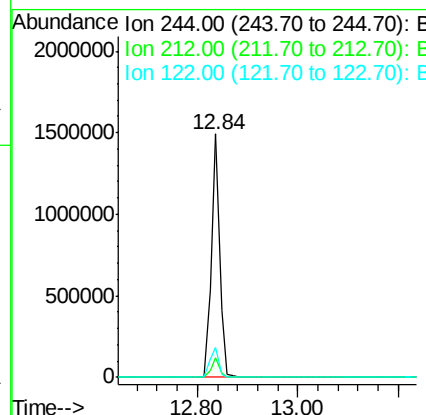
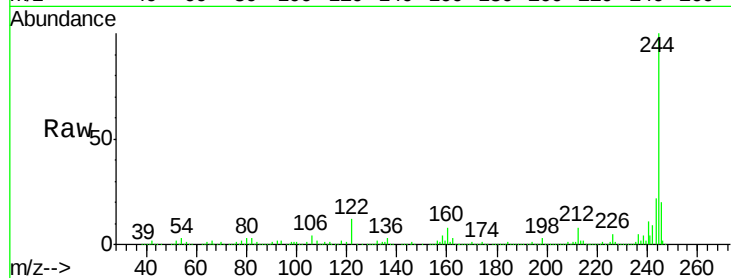




#78
 Terphenyl-d14
 Concen: 90.29 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093630.D
 Acq: 14 Mar 2017 2:02

Instrument :
 BNA_F
 ClientSampleId :
 D-89

Tgt Ion:244 Resp: 1710957
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 12.1 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: BF093630.D
 Acq: 14 Mar 2017 2:02

Tgt Ion:264 Resp: 280035
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.7 17.4 26.0

