

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093639.D
 Acq On : 14 Mar 2017 6:11
 Operator : SJ/MA
 Sample : I2201-17
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-112

Quant Time: Mar 14 08:14:33 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

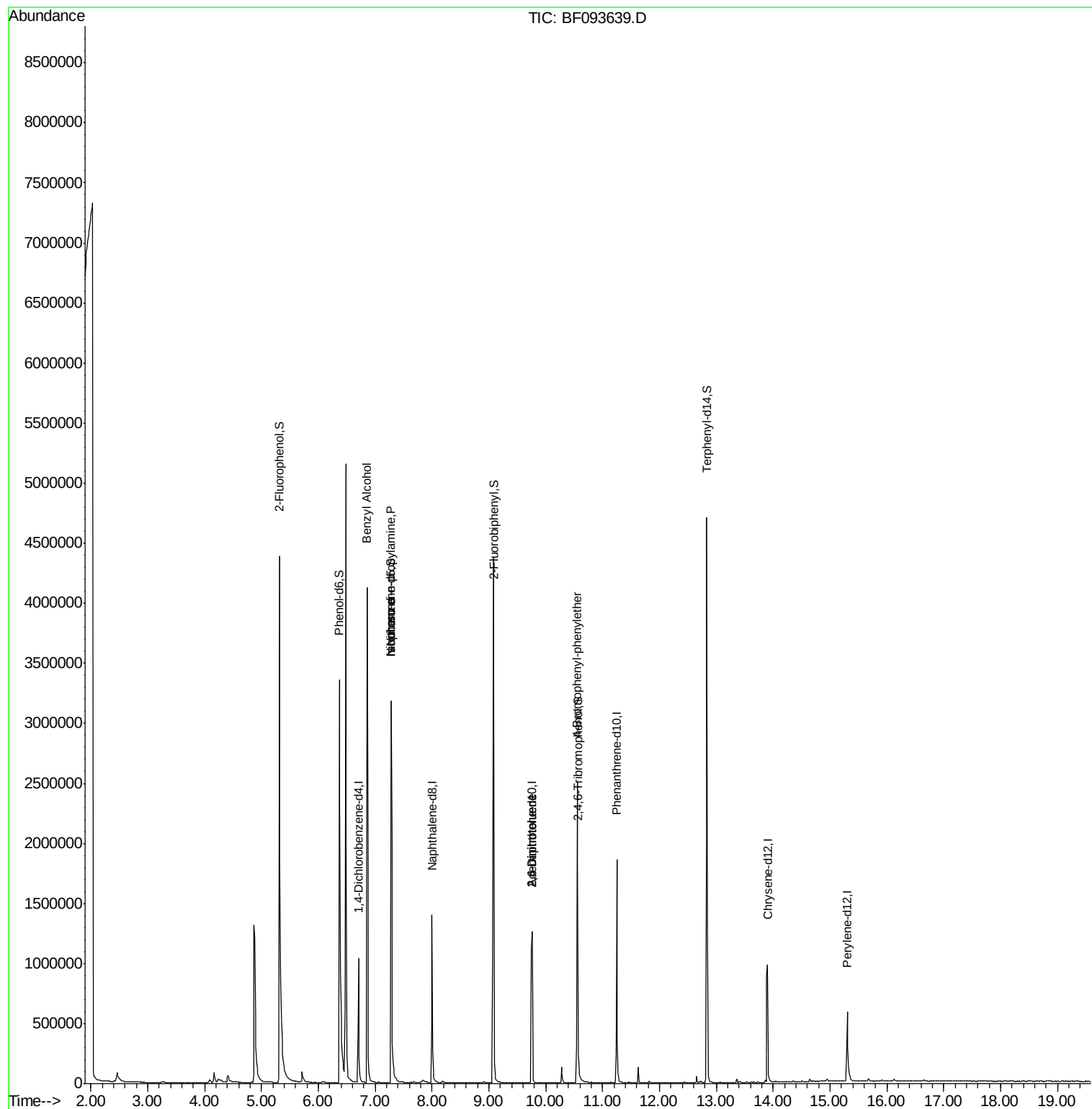
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	185795	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	752094	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	368937	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	696905	20.00	ng	0.00
75) Chrysene-d12	13.90	240	552189	20.00	ng	0.01
86) Perylene-d12	15.31	264	311605	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1693993	151.75	ng	0.00
7) Phenol-d6	6.37	99	2044626	145.24	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1433051	105.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	420749	175.04	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	2197719	110.80	ng	0.00
78) Terphenyl-d14	12.84	244	1800838	84.79	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2608	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	21422	2.13 ng	#	45
19) n-Nitroso-di-n-propylamine	7.28	70	188204	19.45 ng	#	85
25) Isophorone	7.28	82	1396429	51.09 ng	#	65
50) 2,6-Dinitrotoluene	9.76	165	45522	8.48 ng	#	31
56) 2,4-Dinitrotoluene	9.76	165	45516	6.90 ng	#	20
66) 4-Bromophenyl-phenylether	10.55	248	29371	3.99 ng	#	1

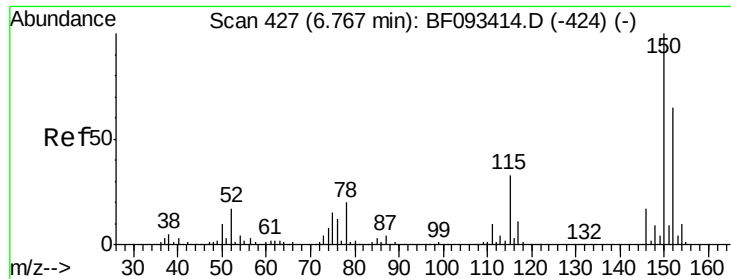
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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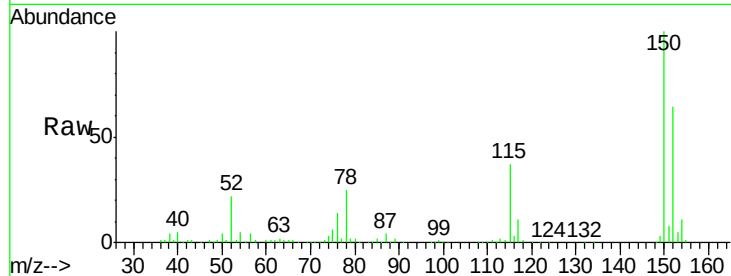


#1

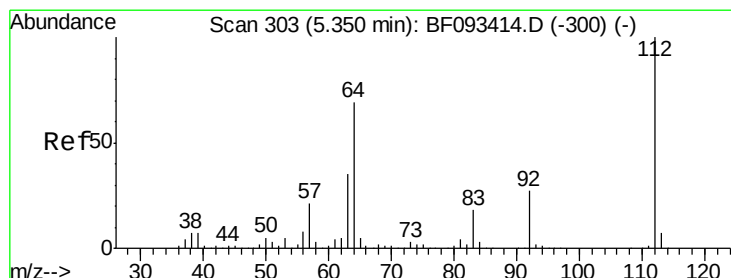
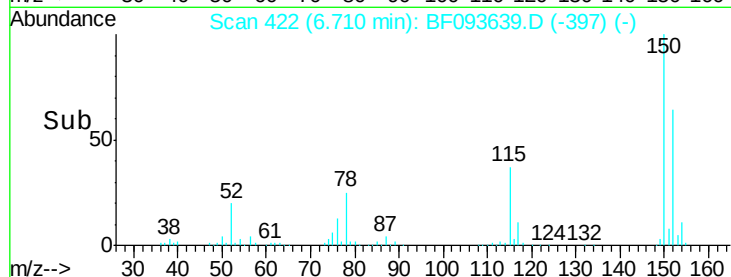
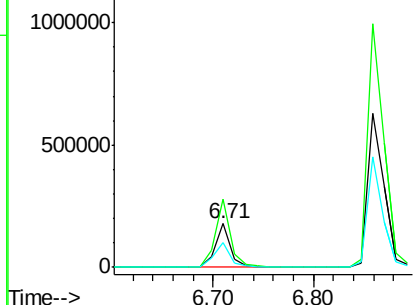
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093639.D
 Acq: 14 Mar 2017 6:11

Instrument :
 BNA_F
 ClientSampled :
 D-112

Tgt Ion:152 Resp: 185795
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.9 187.3
 115 58.0 46.0 69.0



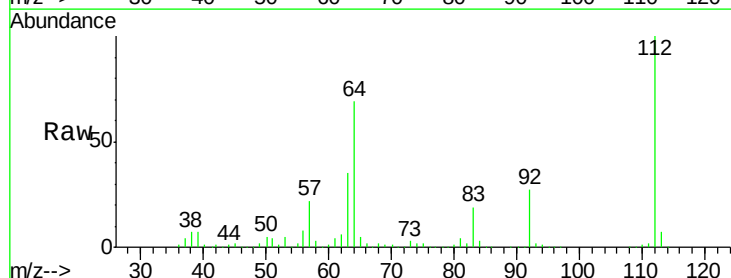
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



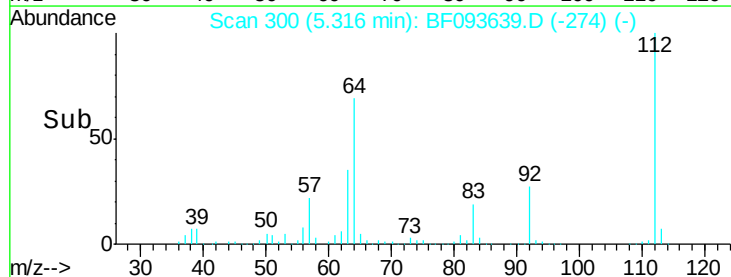
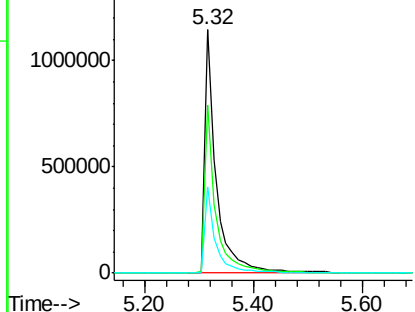
#5

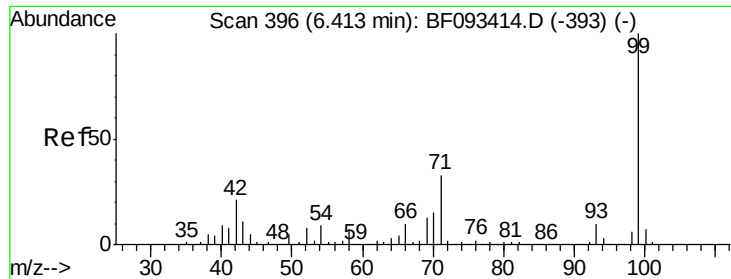
2-Fluorophenol
 Concen: 151.75 ng
 RT: 5.32 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BF093639.D
 Acq: 14 Mar 2017 6:11

Tgt Ion:112 Resp: 1693993
 Ion Ratio Lower Upper
 112 100
 64 69.1 46.1 69.1
 63 35.3 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: 145.24 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093639.D

Acq: 14 Mar 2017 6:11

Instrument :

BNA_F

ClientSampleId :

D-112

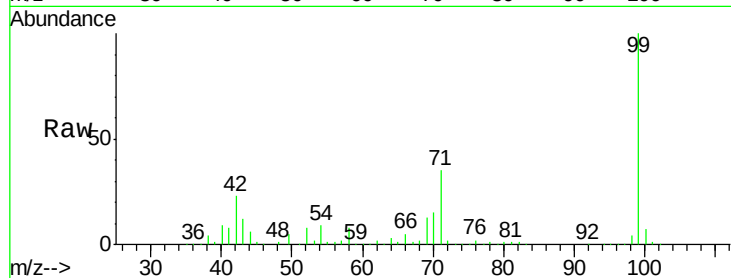
Tgt Ion: 99 Resp: 2044626

Ion Ratio Lower Upper

99 100

42 23.4 15.6 23.4

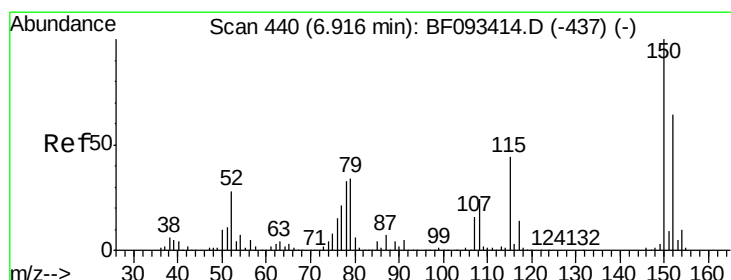
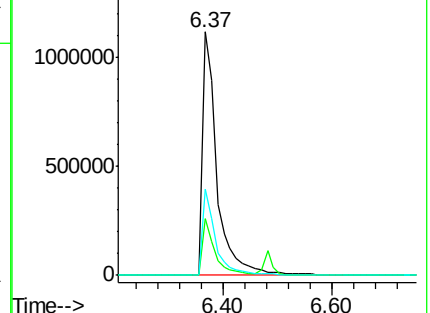
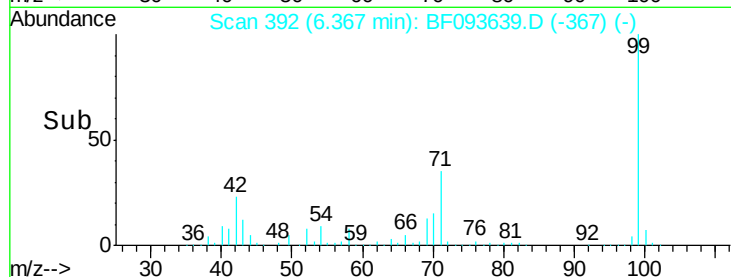
71 35.4 27.5 41.3



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: 2.13 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093639.D

Acq: 14 Mar 2017 6:11

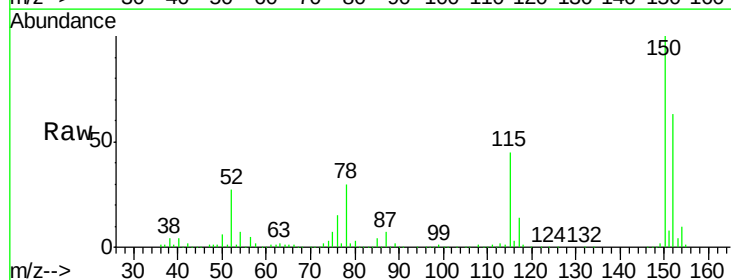
Tgt Ion: 79 Resp: 21422

Ion Ratio Lower Upper

79 100

108 27.4 61.4 92.0#

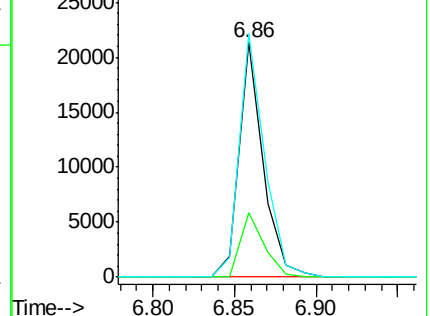
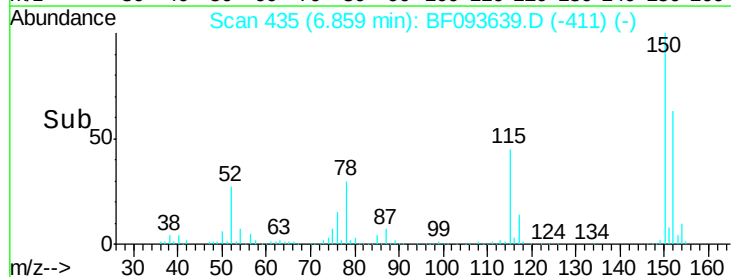
77 103.9 50.9 76.3#

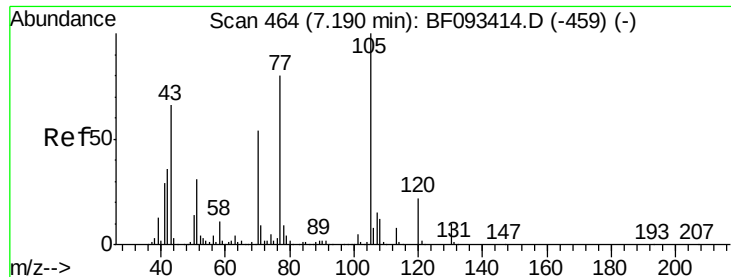


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

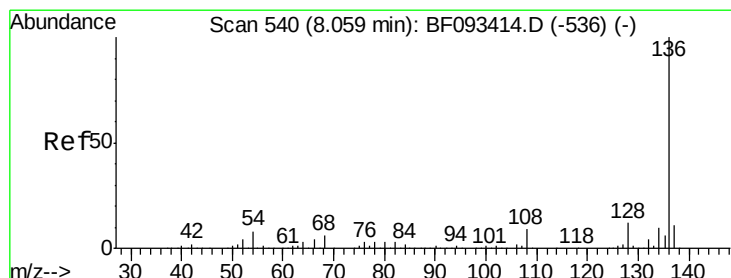
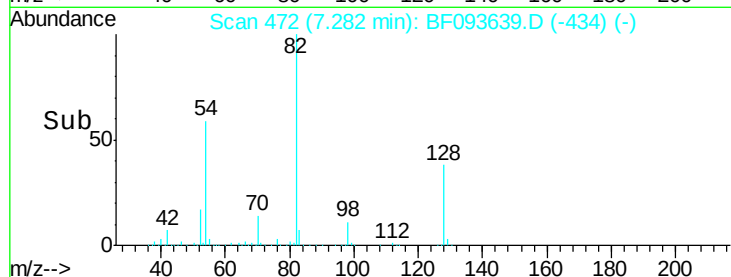
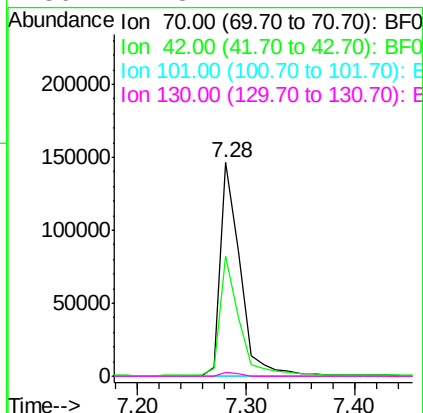
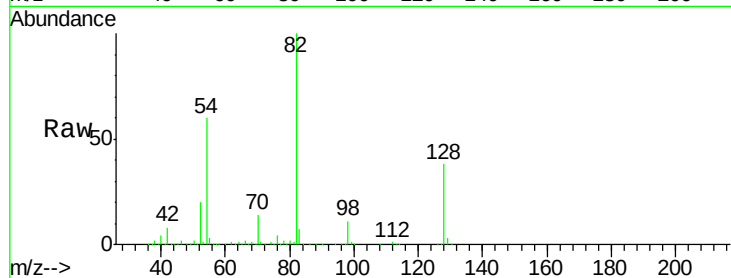




#19
n-Nitroso-di-n-propylamine
Concen: 19.45 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093639.D
Acq: 14 Mar 2017 6:11

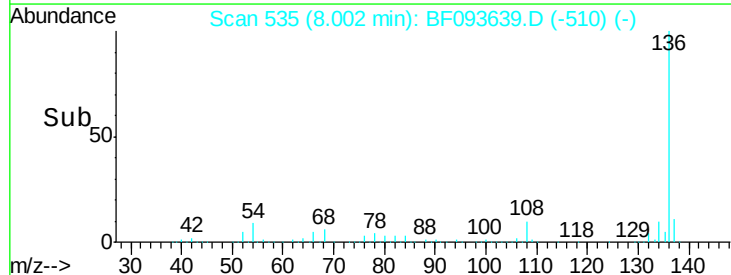
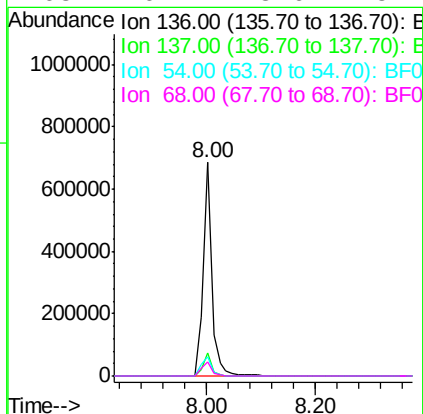
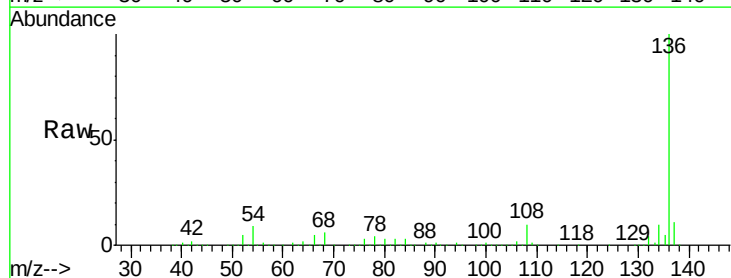
Instrument :
BNA_F
ClientSampleId :
D-112

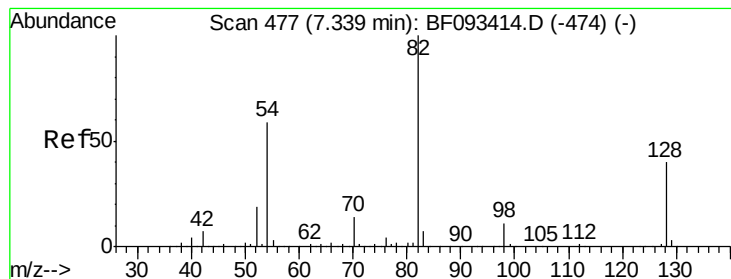
Tgt Ion: 70 Resp: 188204
Ion Ratio Lower Upper
70 100
42 56.6 49.4 74.0
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093639.D
Acq: 14 Mar 2017 6:11

Tgt Ion: 136 Resp: 752094
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.9 4.5 6.7#
68 6.4 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 105.72 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF093639.D

Acq: 14 Mar 2017 6:11

Instrument :

BNA_F

ClientSampleId :

D-112

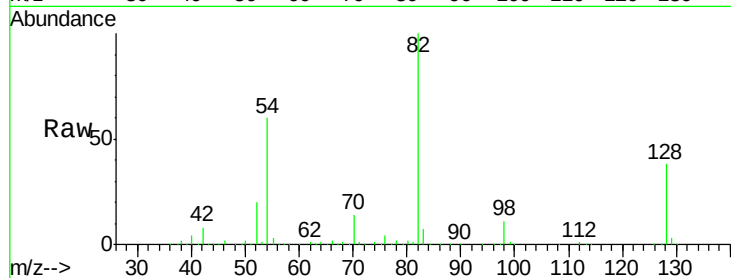
Tgt Ion: 82 Resp: 1433051

Ion Ratio Lower Upper

82 100

128 38.3 34.6 52.0

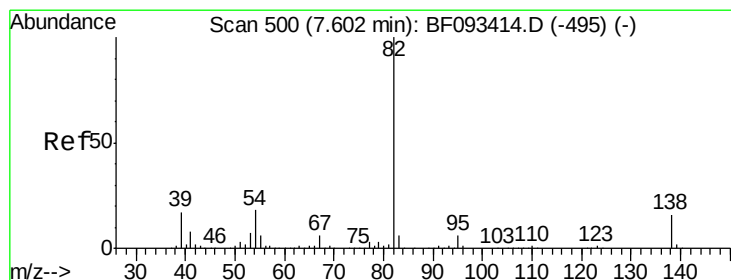
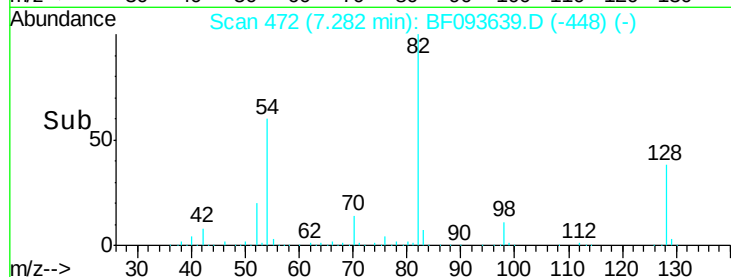
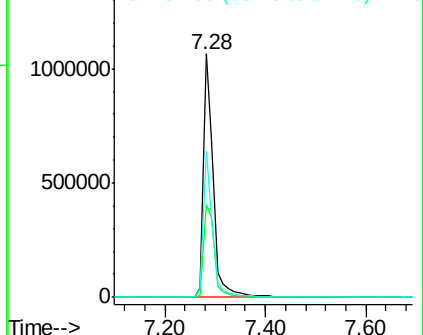
54 60.1 39.5 59.3#



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: 51.09 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093639.D

Acq: 14 Mar 2017 6:11

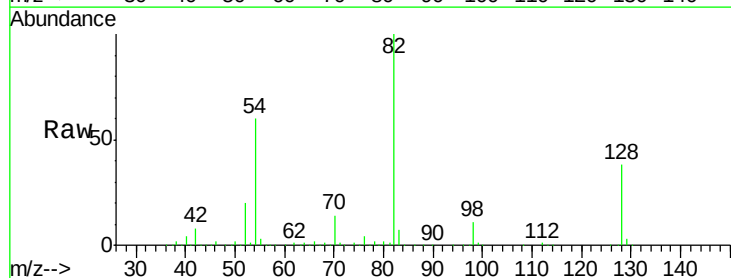
Tgt Ion: 82 Resp: 1396429

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

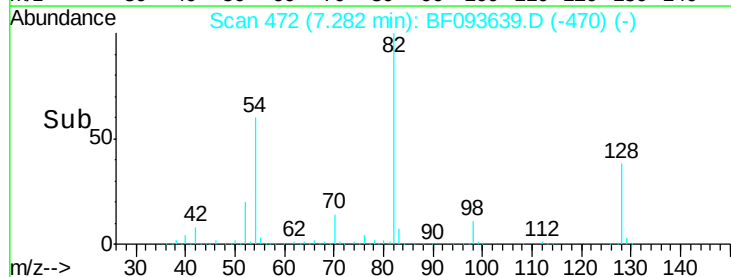
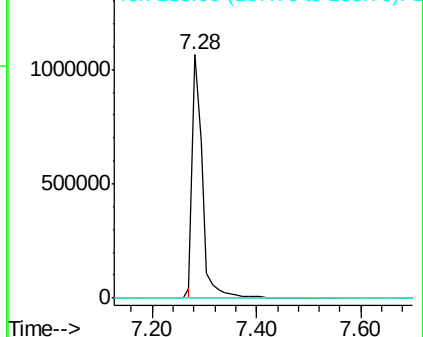
138 0.0 14.6 22.0#

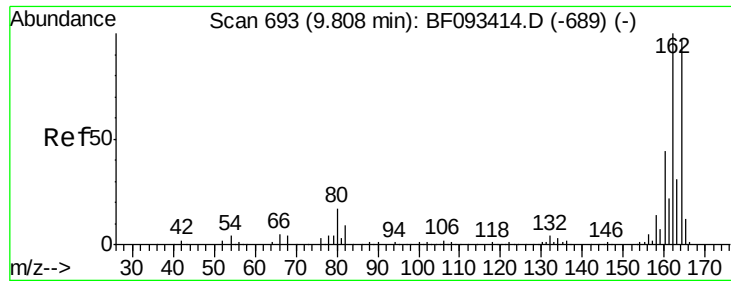


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF093639.D

Acq: 14 Mar 2017 6:11

Instrument :

BNA_F

ClientSampleId :

D-112

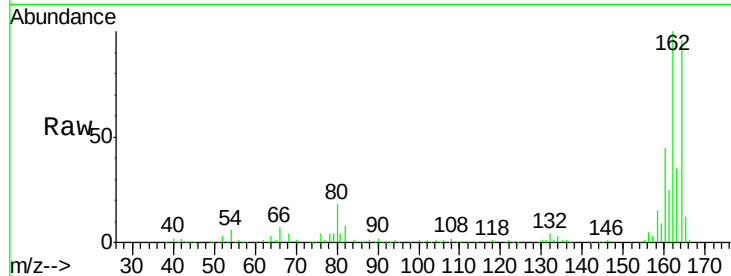
Tgt Ion:164 Resp: 368937

Ion Ratio Lower Upper

164 100

162 104.7 80.2 120.2

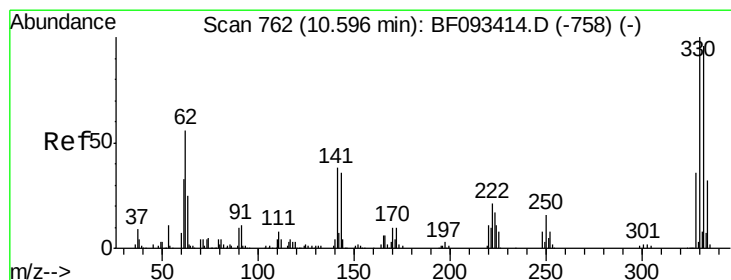
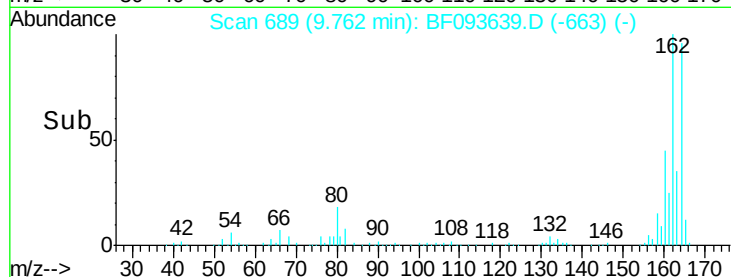
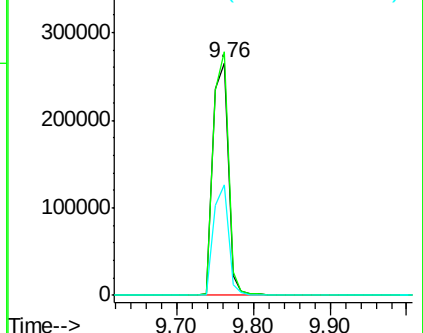
160 47.4 36.9 55.3



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: 175.04 ng

RT: 10.56 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF093639.D

Acq: 14 Mar 2017 6:11

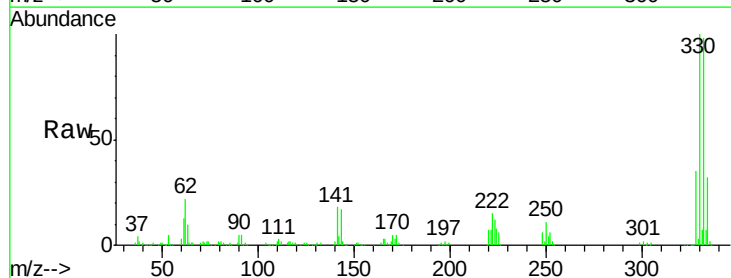
Tgt Ion:330 Resp: 420749

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

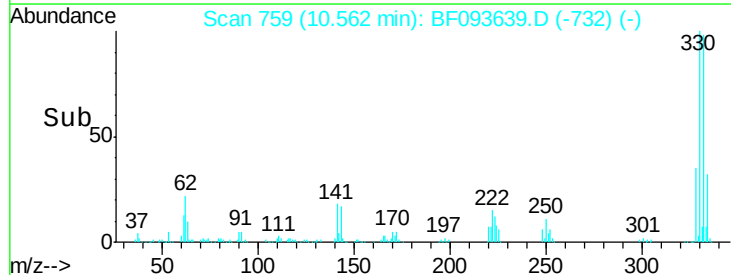
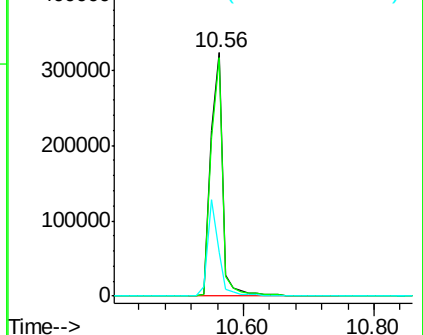
141 37.2 34.1 51.1

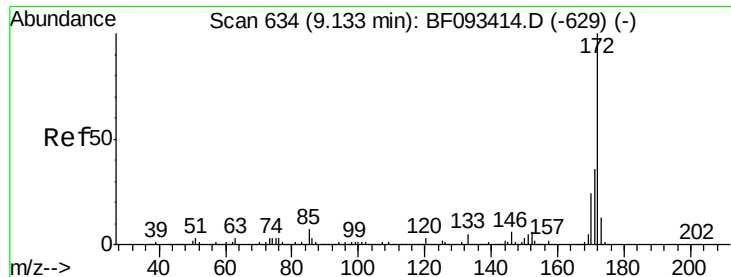


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

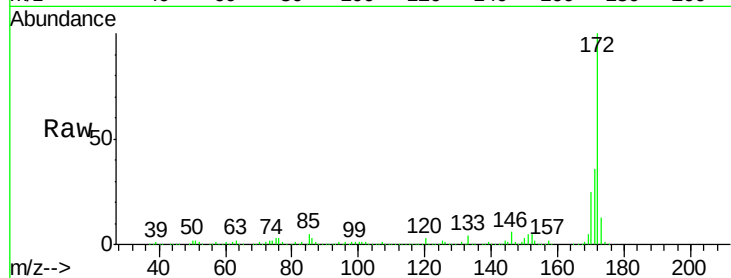




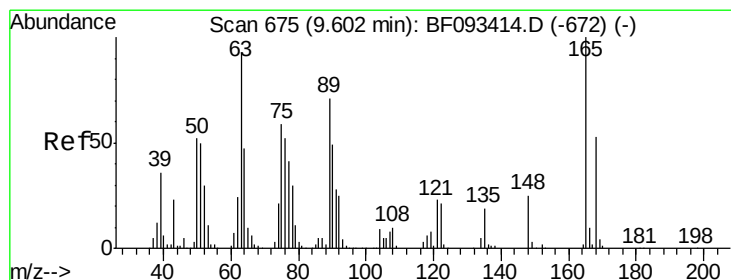
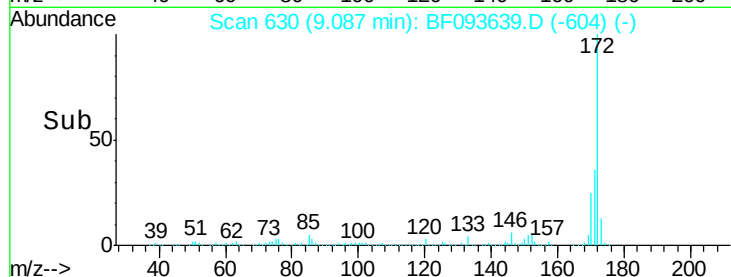
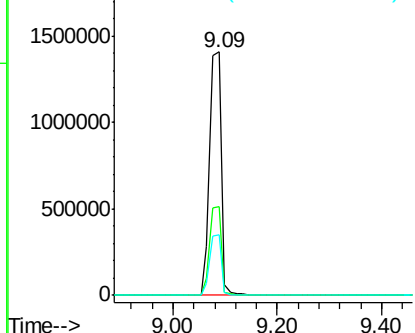
#44
2-Fluorobiphenyl
Concen: 110.80 ng
RT: 9.09 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF093639.D
Acq: 14 Mar 2017 6:11

Instrument :
BNA_F
ClientSampleId :
D-112

Tgt Ion:172 Resp: 2197719
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.7 20.2 30.4

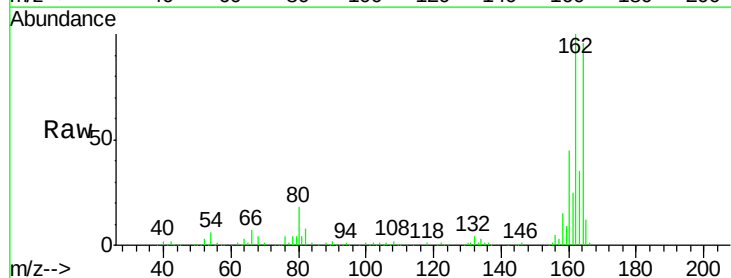


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

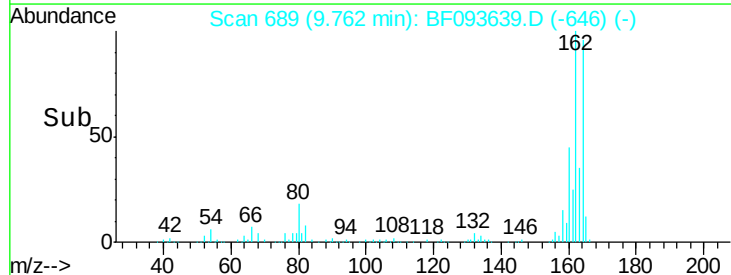
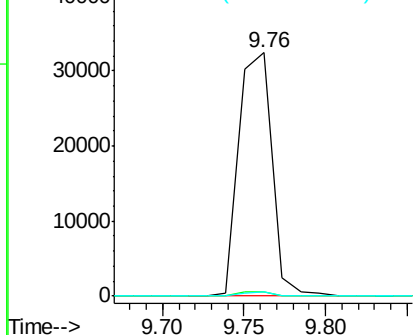


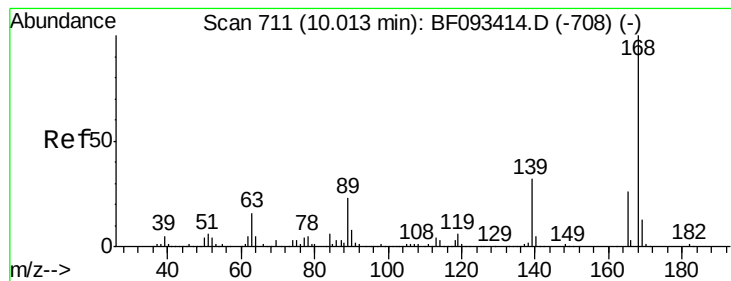
#50
2,6-Dinitrotoluene
Concen: 8.48 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.19 min
Lab File: BF093639.D
Acq: 14 Mar 2017 6:11

Tgt Ion:165 Resp: 45522
Ion Ratio Lower Upper
165 100
63 1.6 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

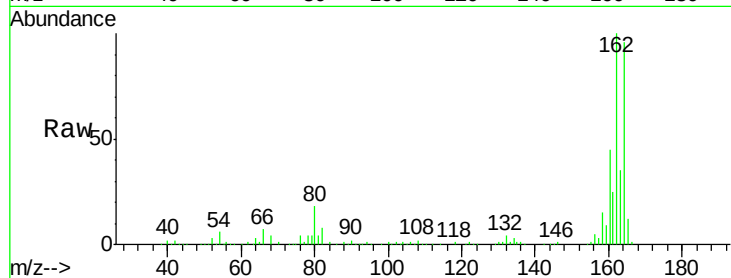




#56
 2,4-Dinitrotoluene
 Concen: 6.90 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.22 min
 Lab File: BF093639.D
 Acq: 14 Mar 2017 6:11

Instrument :
 BNA_F
 ClientSampleID :
 D-112

Tgt Ion:	165	Resp:	45516
Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	1.6	62.5	93.7#
182	0.0	1.8	2.8#

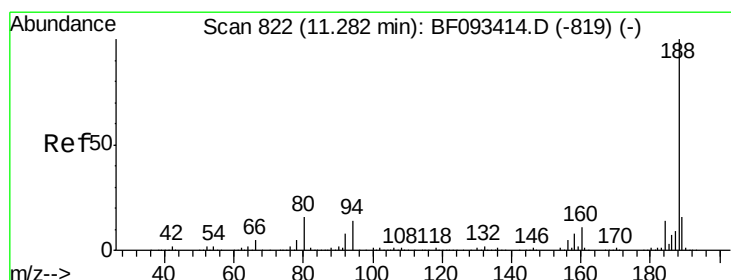
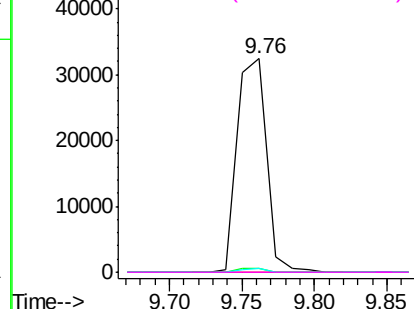
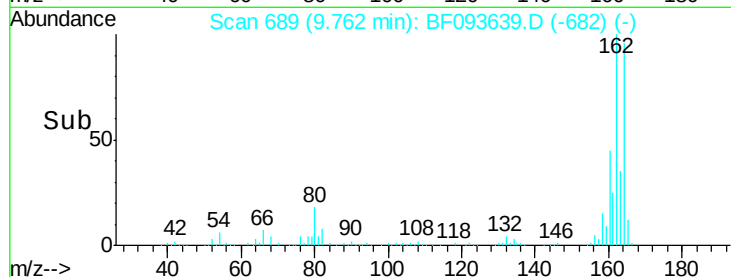


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

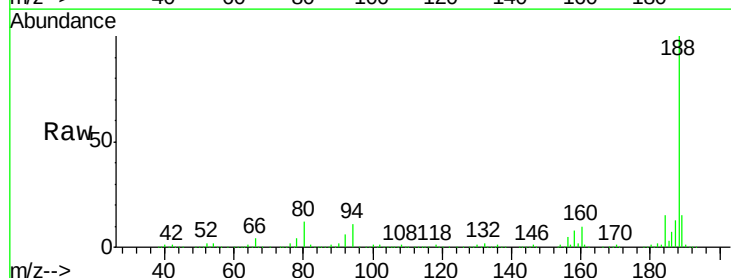
Ion 89.00 (88.70 to 89.70): BF0

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: BF093639.D
 Acq: 14 Mar 2017 6:11

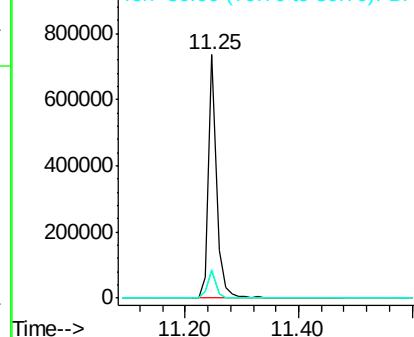
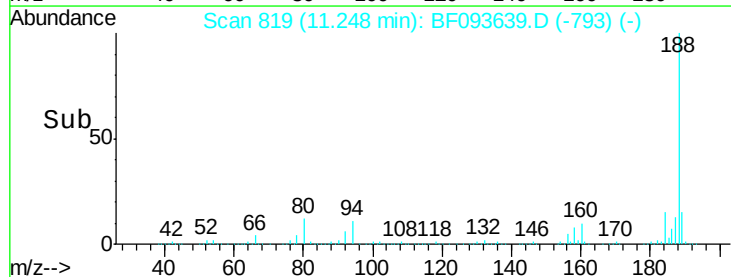
Tgt Ion:	188	Resp:	696905
Ion	Ratio	Lower	Upper
188	100		
94	11.2	10.0	15.0
80	11.9	11.2	16.8

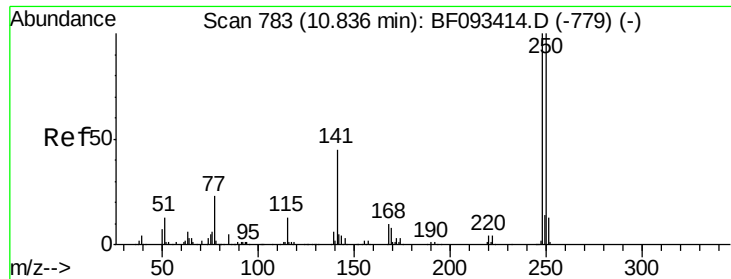


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

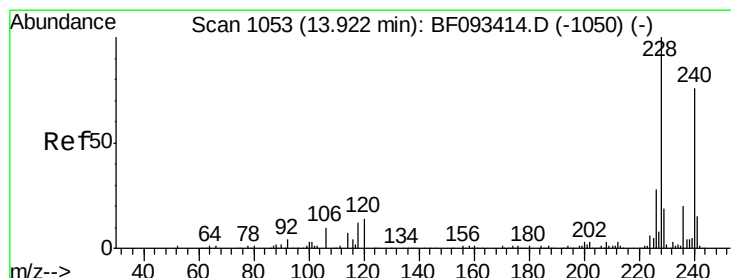
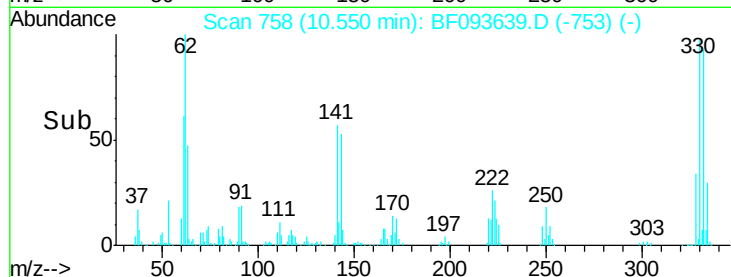
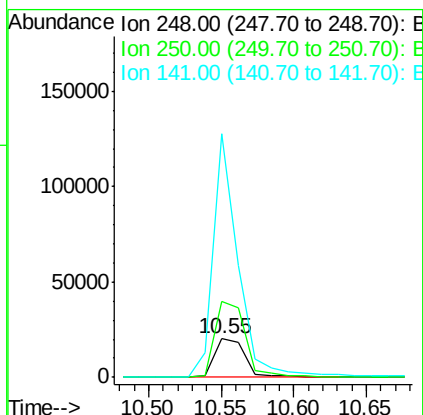
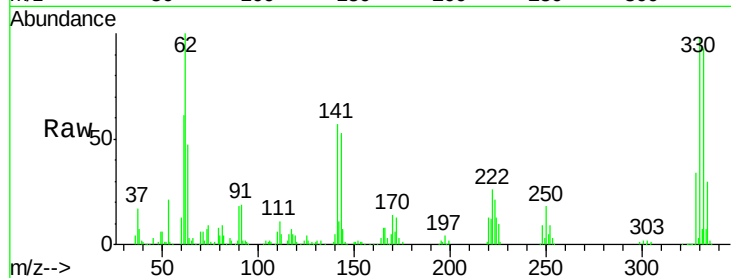




#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093639.D
Acq: 14 Mar 2017 6:11

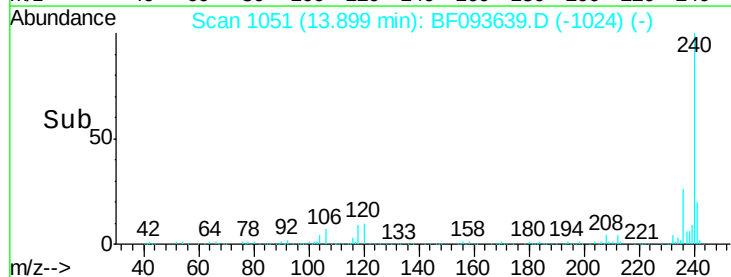
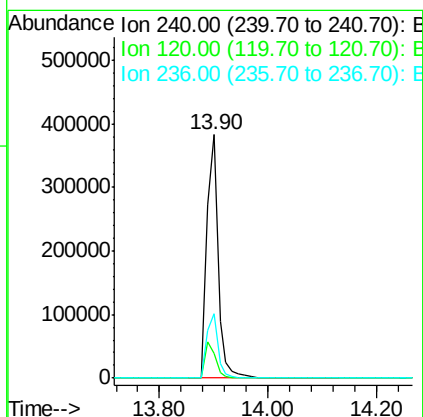
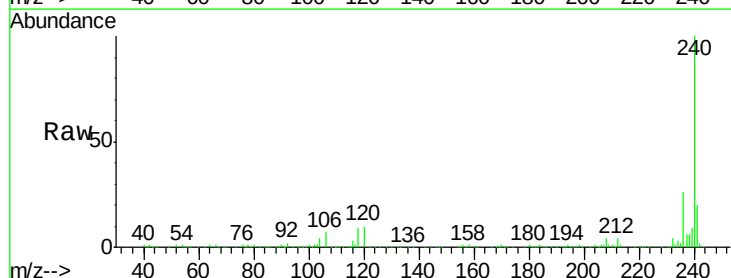
Instrument :
BNA_F
ClientSampleId :
D-112

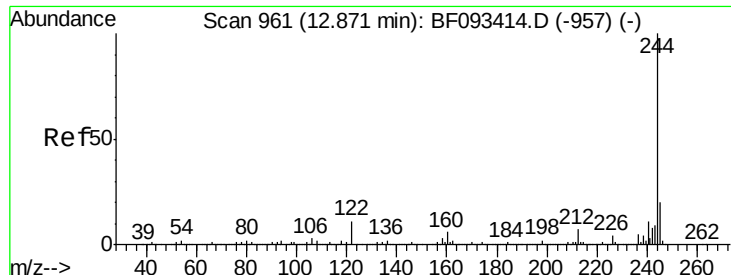
Tgt Ion: 248 Resp: 29371
Ion Ratio Lower Upper
248 100
250 196.9 76.9 115.3#
141 634.4 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093639.D
Acq: 14 Mar 2017 6:11

Tgt Ion: 240 Resp: 552189
Ion Ratio Lower Upper
240 100
120 10.3 12.9 19.3#
236 26.3 20.9 31.3

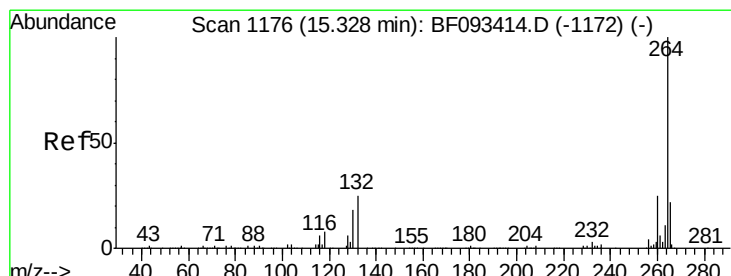
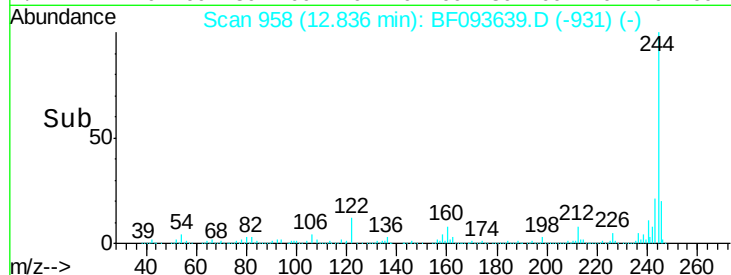
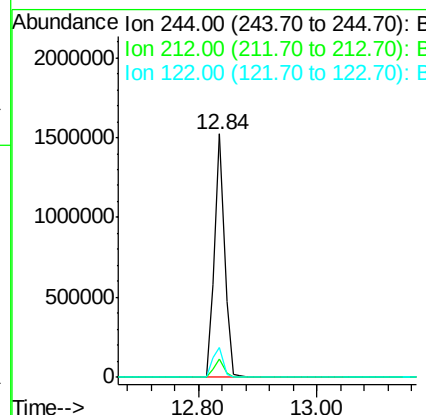
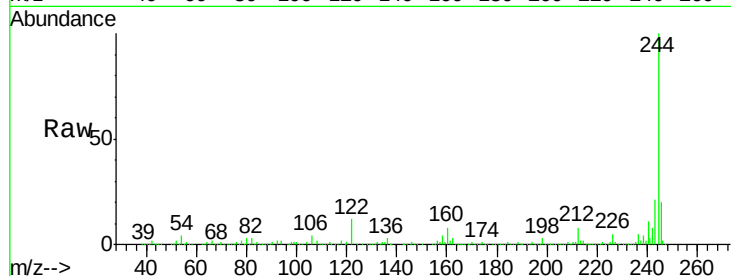




#78
 Terphenyl-d14
 Concen: 84.79 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093639.D
 Acq: 14 Mar 2017 6:11

Instrument :
 BNA_F
 ClientSampleId :
 D-112

Tgt Ion:244 Resp: 1800838
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.0 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: BF093639.D
 Acq: 14 Mar 2017 6:11

Tgt Ion:264 Resp: 311605
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 17.4 26.0

