

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093644.D
 Acq On : 14 Mar 2017 8:29
 Operator : SJ/MA
 Sample : I2201-20
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D-120

Quant Time: Mar 15 02:29:35 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

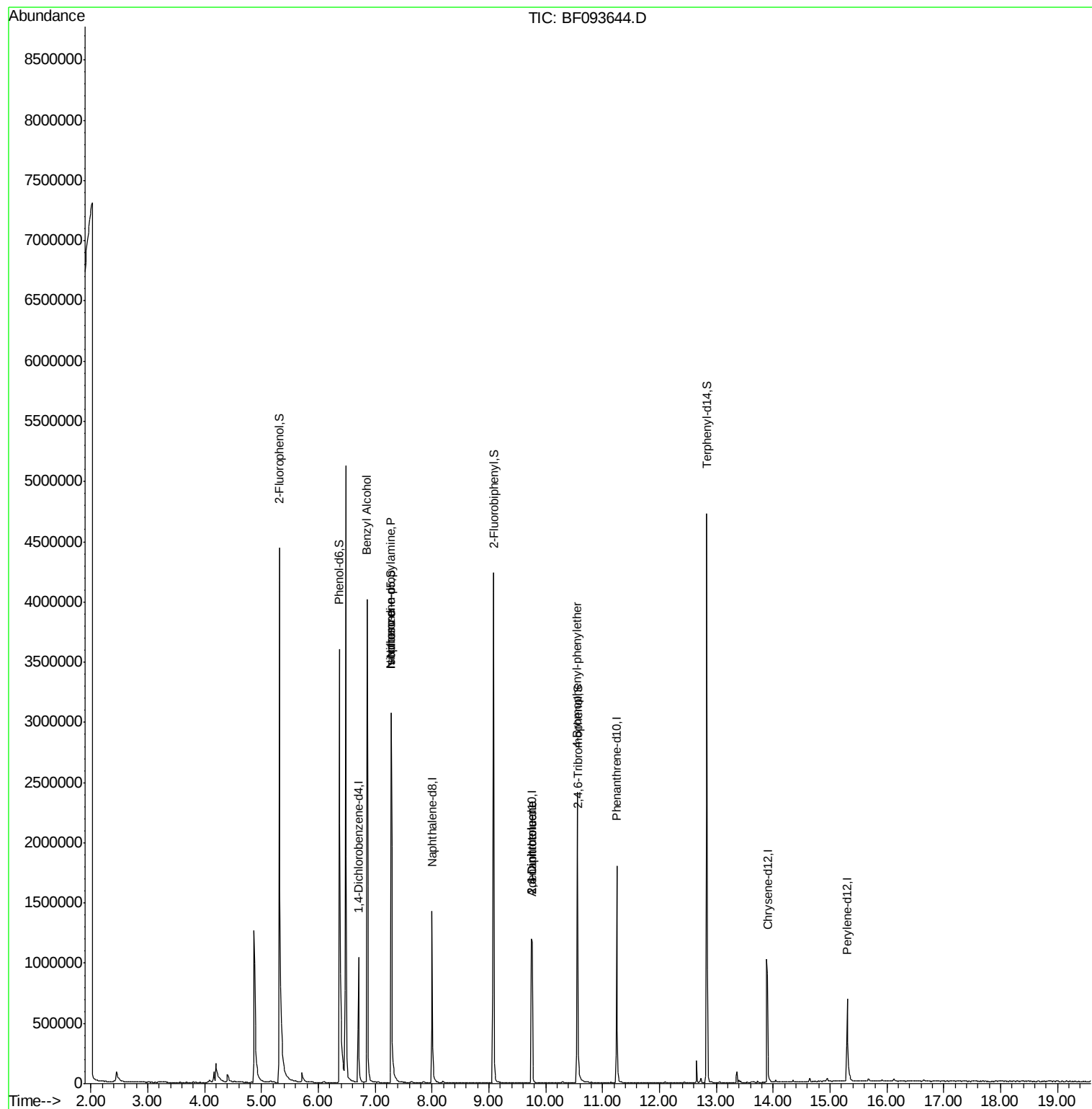
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	185239	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	767454	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	368727	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	705623	20.00	ng	0.00
75) Chrysene-d12	13.90	240	572814	20.00	ng	0.01
86) Perylene-d12	15.31	264	374088	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1651749	148.41	ng	0.00
7) Phenol-d6	6.37	99	2056900	146.55	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1382685	99.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	431468	179.60	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	2161914	109.06	ng	0.00
78) Terphenyl-d14	12.84	244	1787606	81.14	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2419	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	21287	2.13	ng	48
19) n-Nitroso-di-n-propylamine	7.28	70	186182	19.29	ng	83
25) Isophorone	7.28	82	1359575	48.74	ng	65
50) 2,6-Dinitrotoluene	9.75	165	45383	8.46	ng	31
56) 2,4-Dinitrotoluene	9.75	165	45383	6.89	ng	20
66) 4-Bromophenyl-phenylether	10.55	248	29962	4.02	ng	1

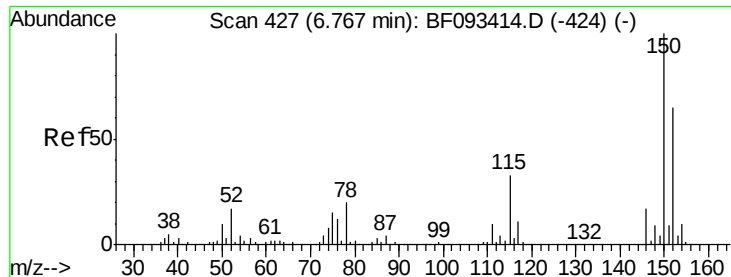
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093644.D

Acq: 14 Mar 2017 8:29

Instrument :

BNA_M

ClientSampleId :

D-120

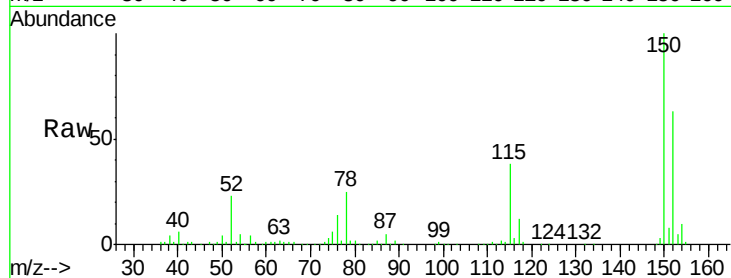
Tot Ion:152 Resp: 185239

Ion Ratio Lower Upper

152 100

150 158.8 124.9 187.3

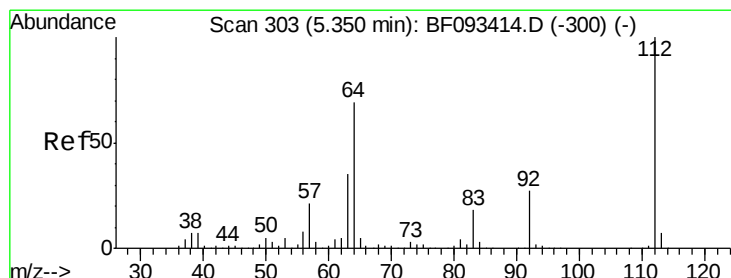
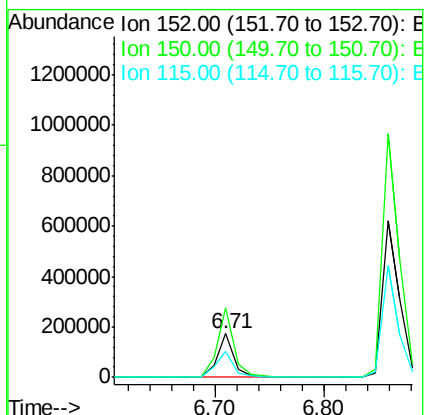
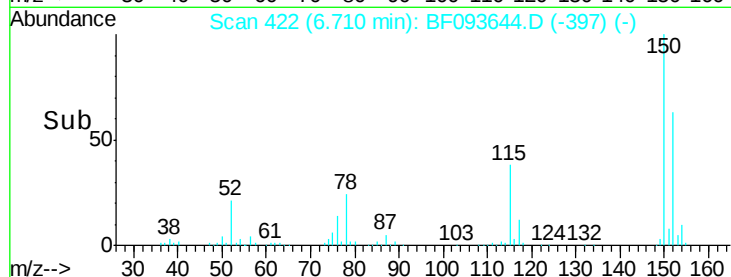
115 60.4 46.0 69.0



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: 148.41 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093644.D

Acq: 14 Mar 2017 8:29

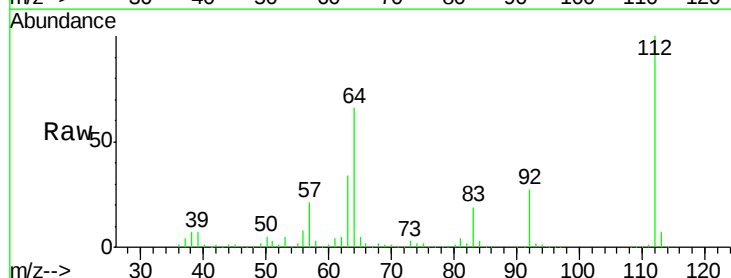
Tgt Ion:112 Resp: 1651749

Ion Ratio Lower Upper

112 100

64 66.2 46.1 69.1

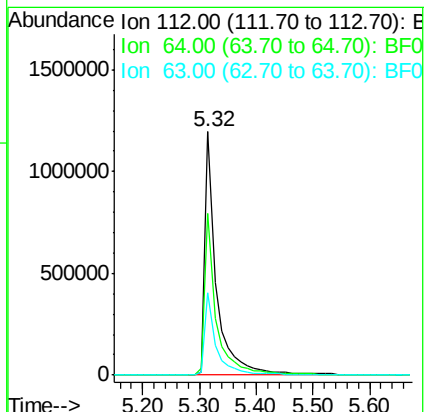
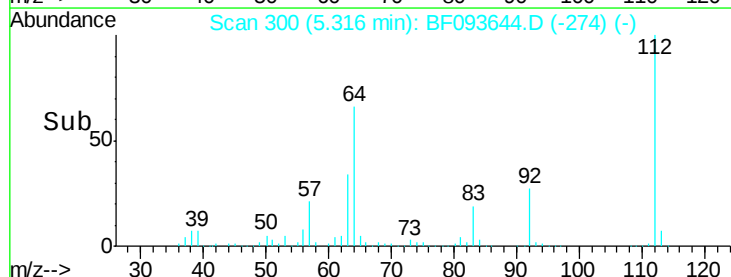
63 34.0 23.8 35.6

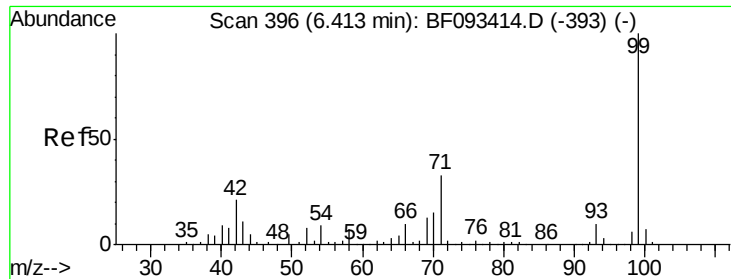


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.55 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093644.D

Acq: 14 Mar 2017 8:29

Instrument :

BNA_M

ClientSampleId :

D-120

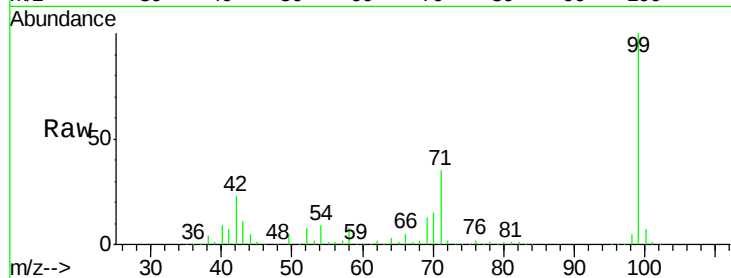
Tot Ion: 99 Resp: 2056900

Ion Ratio Lower Upper

99 100

42 22.6 15.6 23.4

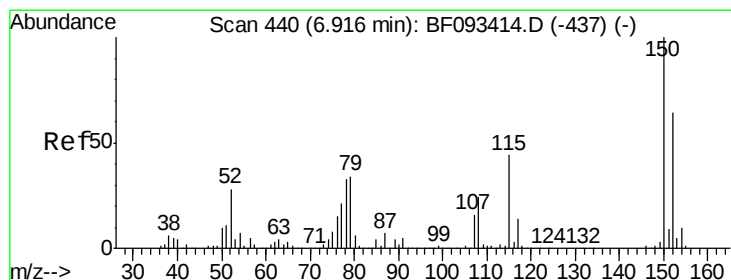
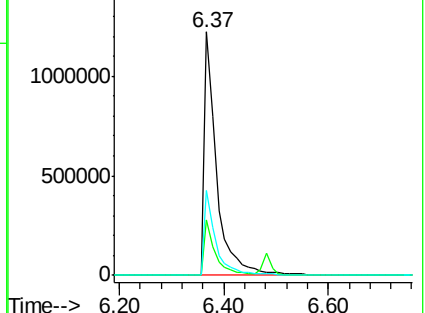
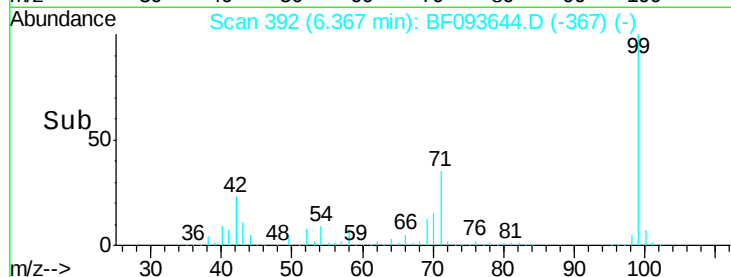
71 34.8 27.5 41.3



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: BF093644.D

Acq: 14 Mar 2017 8:29

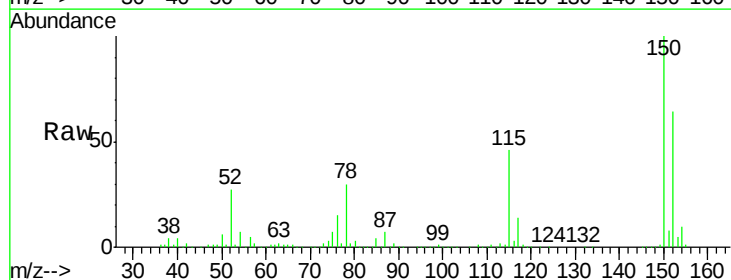
Tgt Ion: 79 Resp: 21287

Ion Ratio Lower Upper

79 100

108 27.0 61.4 92.0#

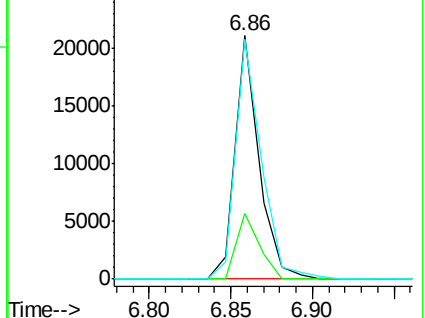
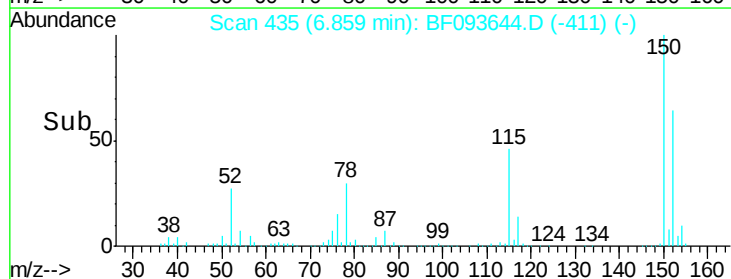
77 98.3 50.9 76.3#

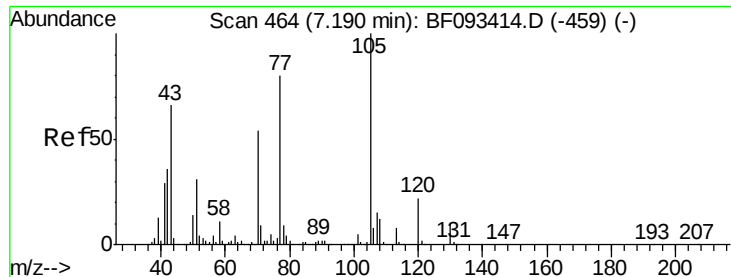


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

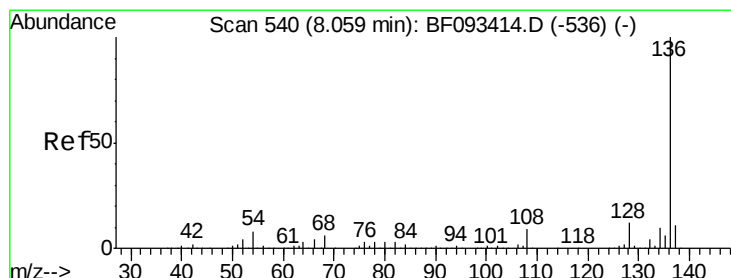
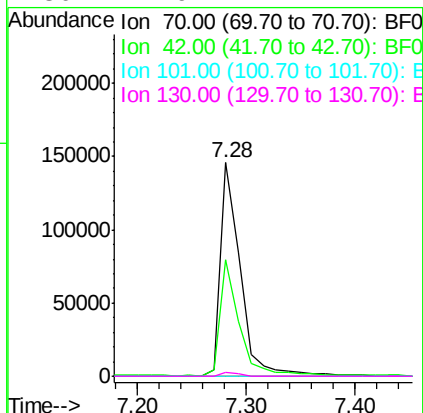
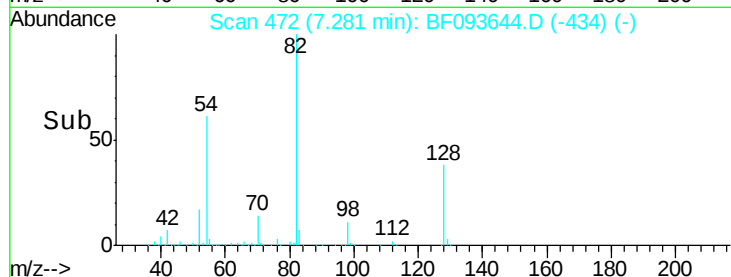
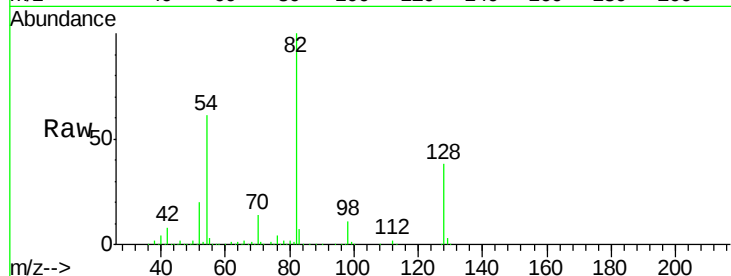




#19
n-Nitroso-di-n-propylamine
Concen: 19.29 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093644.D
Acq: 14 Mar 2017 8:29

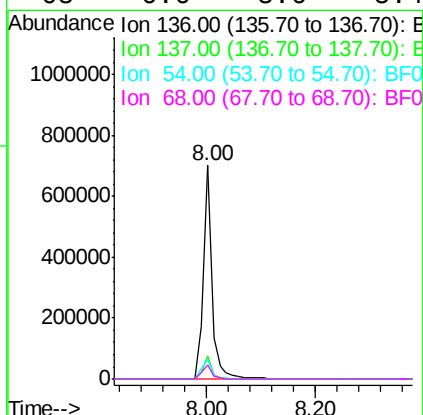
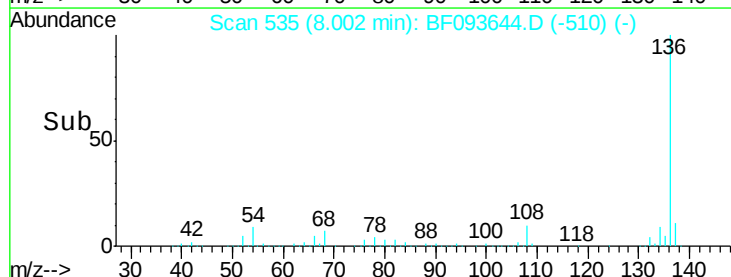
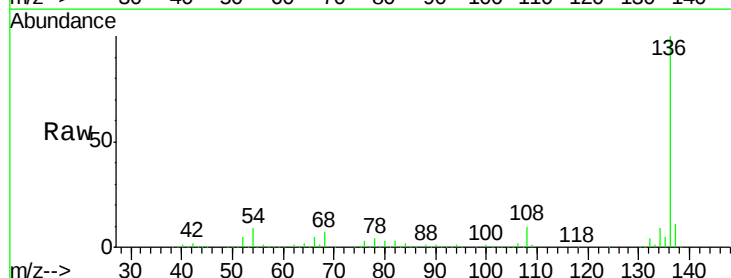
Instrument :
BNA_M
ClientSampleId :
D-120

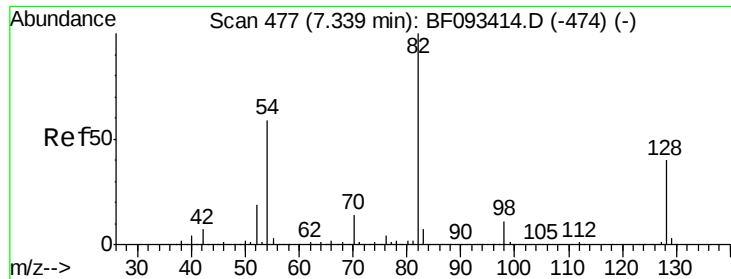
Tot Ion: 70 Resp: 186182
Ion Ratio Lower Upper
70 100
42 54.4 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093644.D
Acq: 14 Mar 2017 8:29

Tgt Ion: 136 Resp: 767454
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 9.1 4.5 6.7#
68 6.6 3.6 5.4#



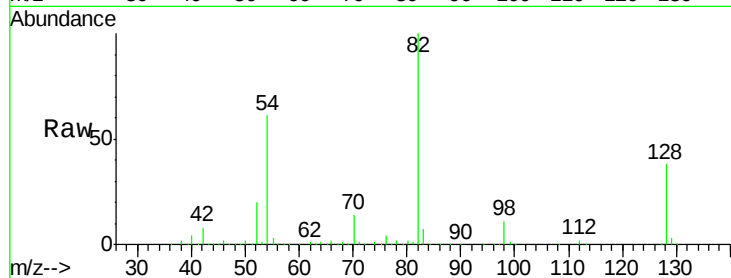


#23
 Nitrobenzene-d5
 Concen: 99.96 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093644.D
 Acq: 14 Mar 2017 8:29

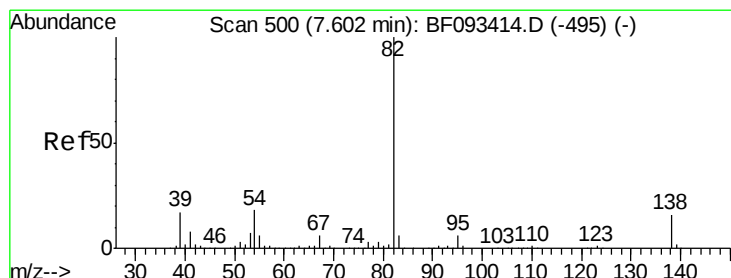
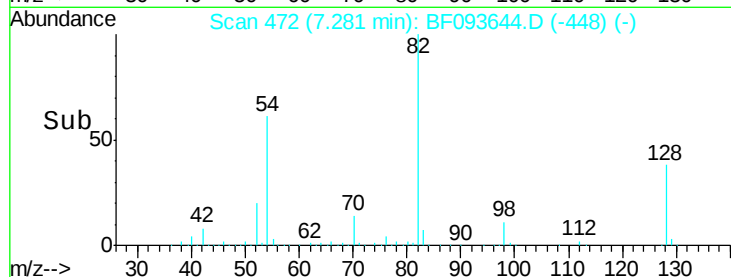
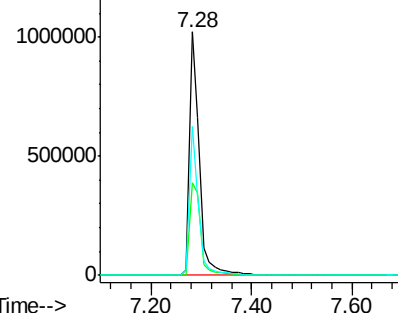
Instrument :
 BNA_M
 ClientSampleID :
 D-120

Tot Ion: 82 Resp: 1382685

Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.6	52.0
54	61.3	39.5	59.3#



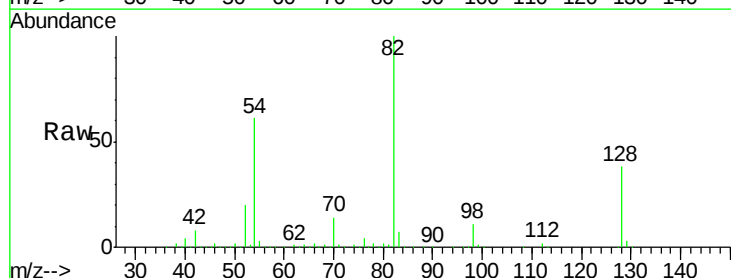
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



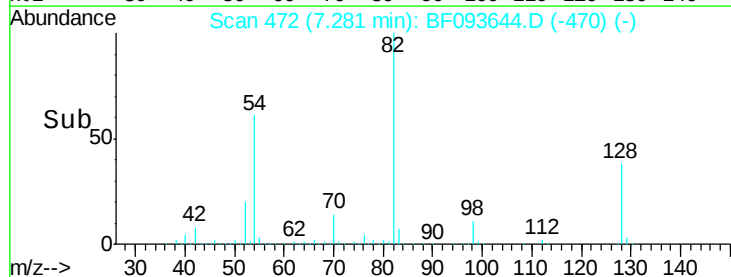
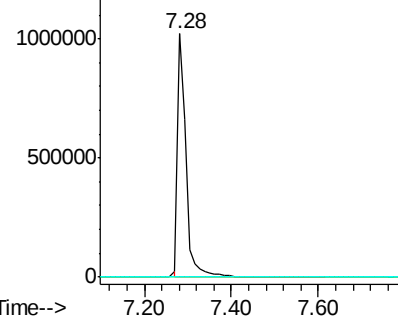
#25
 Isophorone
 Concen: 48.74 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093644.D
 Acq: 14 Mar 2017 8:29

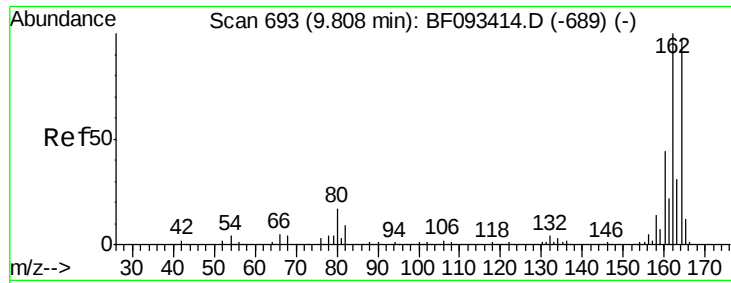
Tgt Ion: 82 Resp: 1359575

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

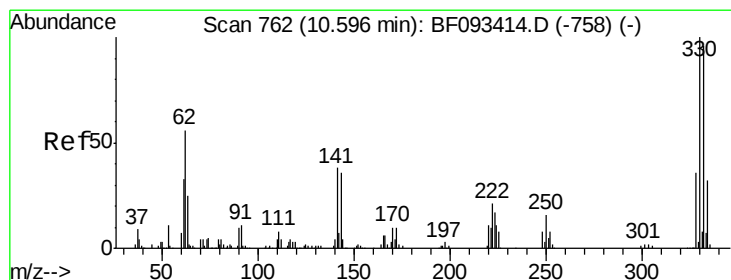
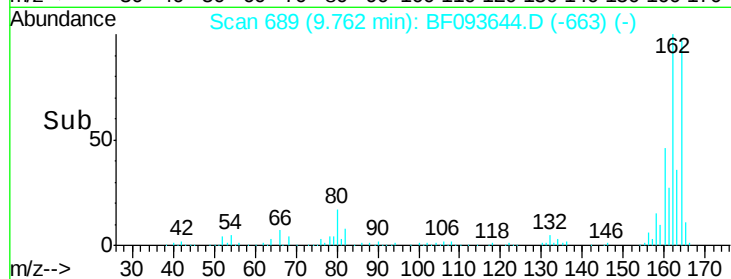
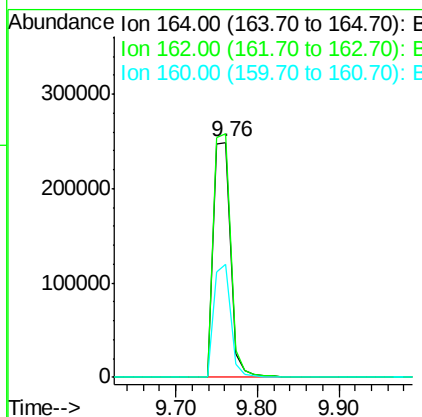
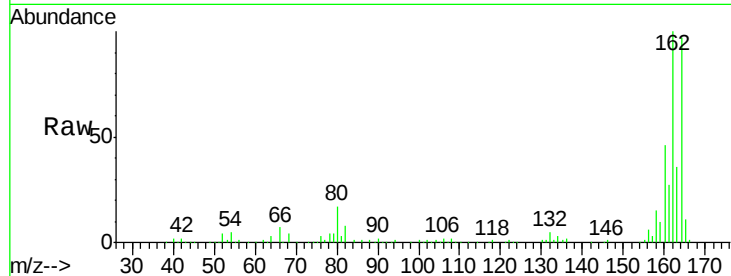




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093644.D
 Acq: 14 Mar 2017 8:29

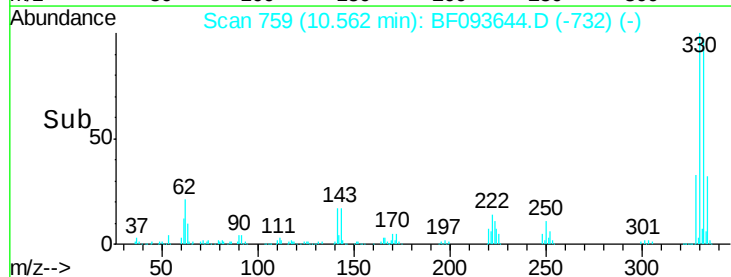
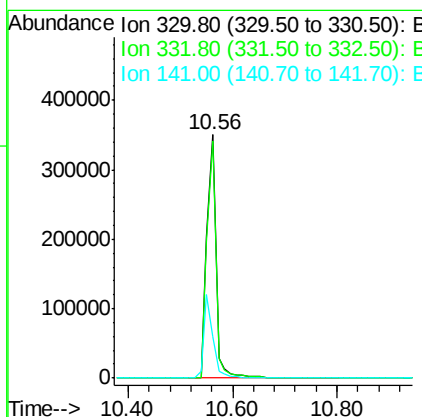
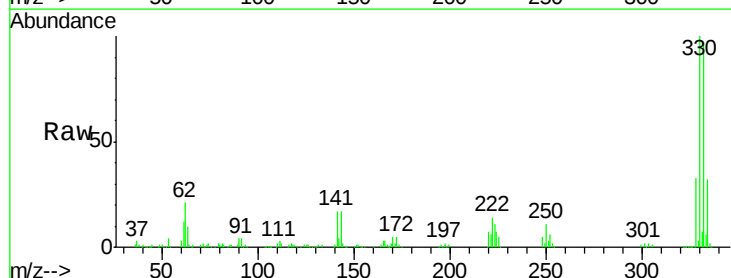
Instrument :
 BNA_M
 ClientSampleId :
 D-120

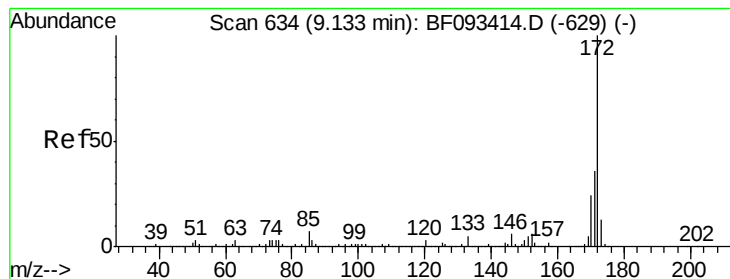
Tot Ion:164 Resp: 368727
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.2 120.2
 160 48.0 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 179.60 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093644.D
 Acq: 14 Mar 2017 8:29

Tgt Ion:330 Resp: 431468
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 34.9 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 109.06 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF093644.D

Acq: 14 Mar 2017 8:29

Instrument :

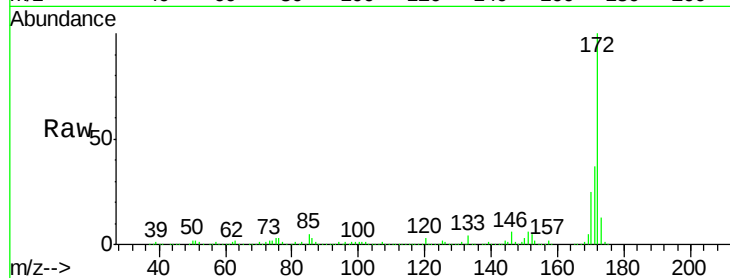
BNA_M

ClientSampleId :

D-120

Tot Ion:172 Resp: 2161914

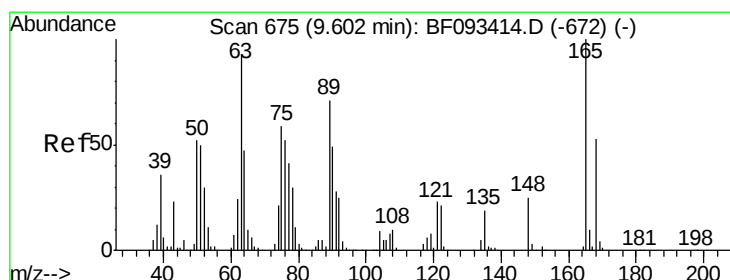
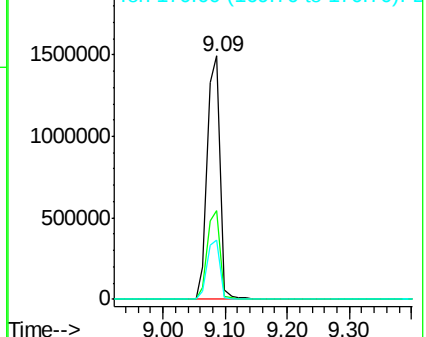
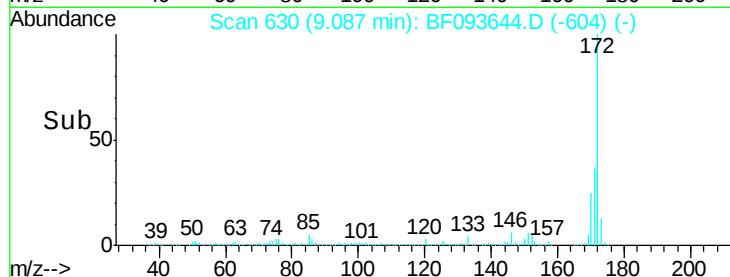
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.6	20.2	30.4



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: 8.46 ng

RT: 9.75 min Scan# 688

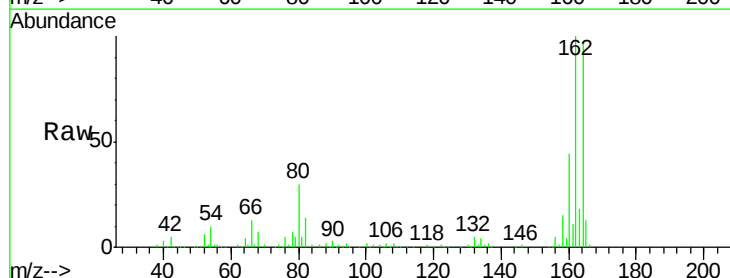
Delta R.T. 0.18 min

Lab File: BF093644.D

Acq: 14 Mar 2017 8:29

Tgt Ion:165 Resp: 45383

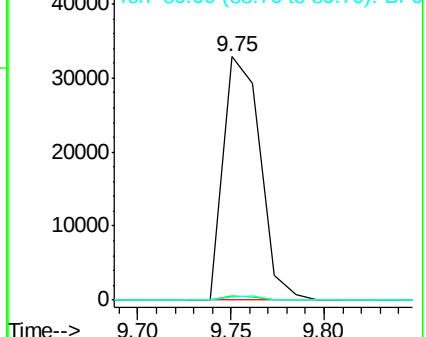
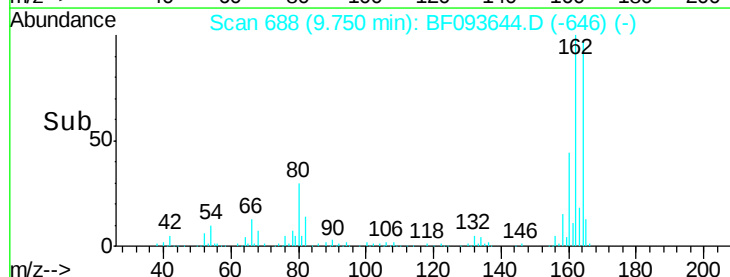
Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.2	54.4#
89	1.2	40.2	60.4#

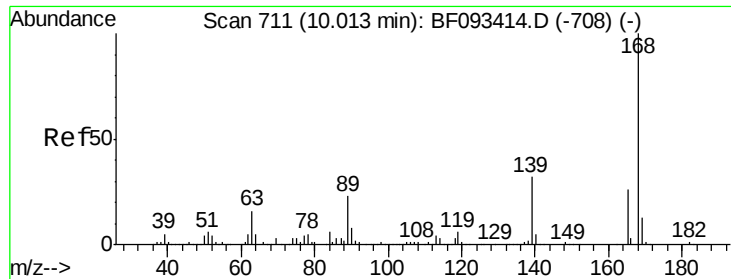


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

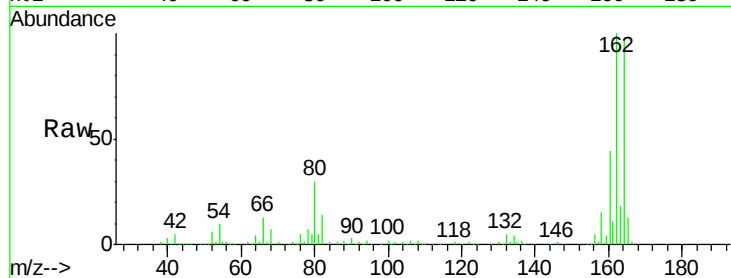




#56
 2,4-Dinitrotoluene
 Concen: 6.89 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.23 min
 Lab File: BF093644.D
 Acq: 14 Mar 2017 8:29

Instrument :
 BNA_M
 ClientSampleId :
 D-120

Tot Ion:165	Resp:	45383
Ion Ratio	Lower	Upper
165	100	
63	1.9	40.2 60.4#
89	1.2	62.5 93.7#
182	0.0	1.8 2.8#

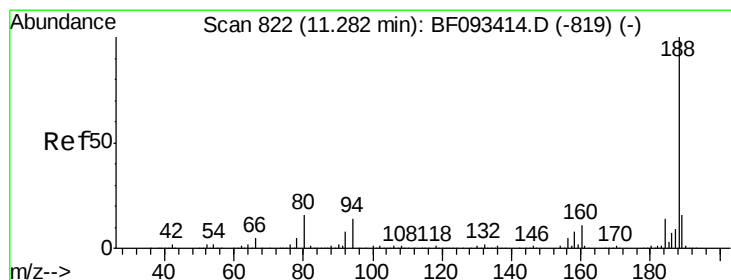
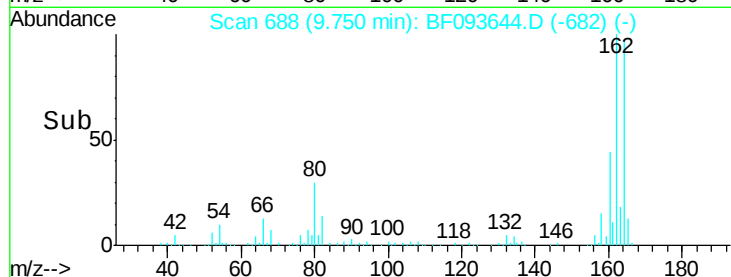
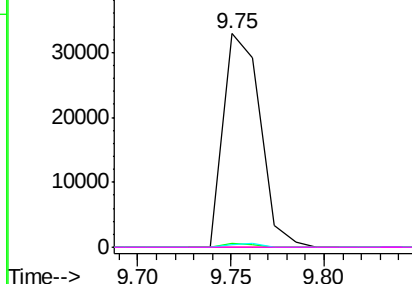


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

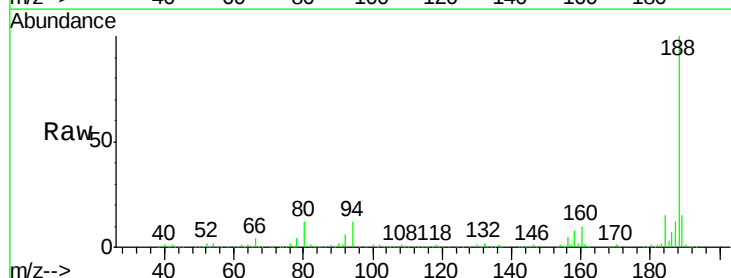
Ion 89.00 (88.70 to 89.70): BF0

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: BF093644.D
 Acq: 14 Mar 2017 8:29

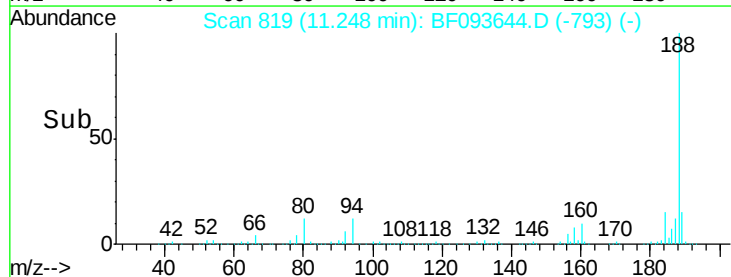
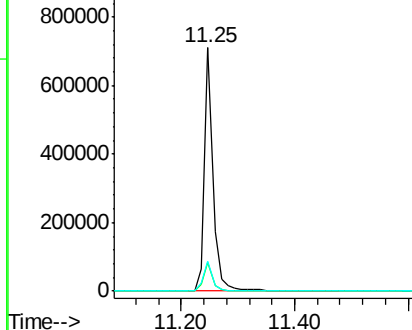
Tgt Ion:188	Resp:	705623
Ion Ratio	Lower	Upper
188	100	
94	11.5	10.0 15.0
80	12.1	11.2 16.8

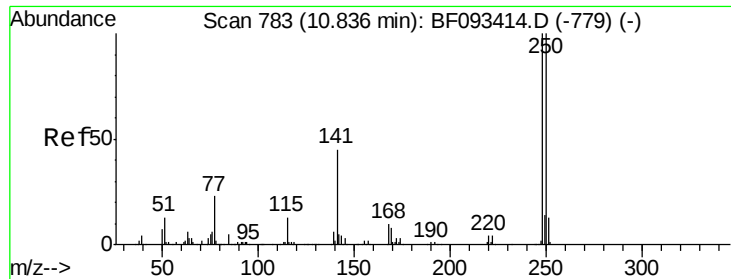


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

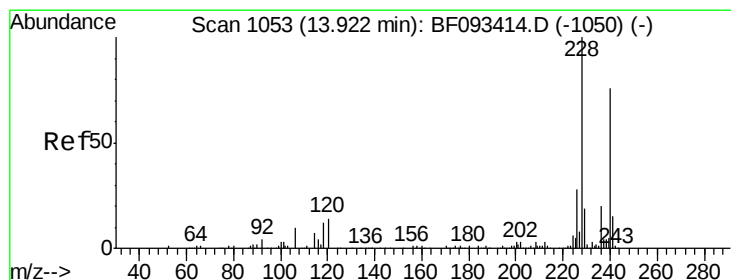
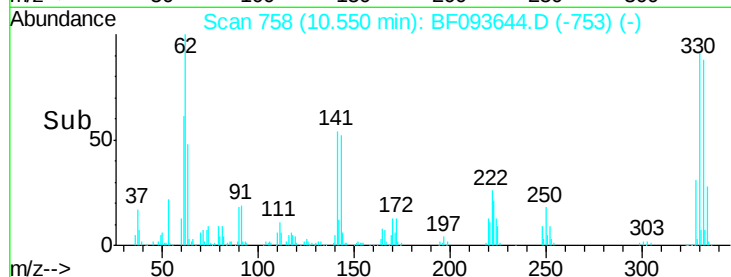
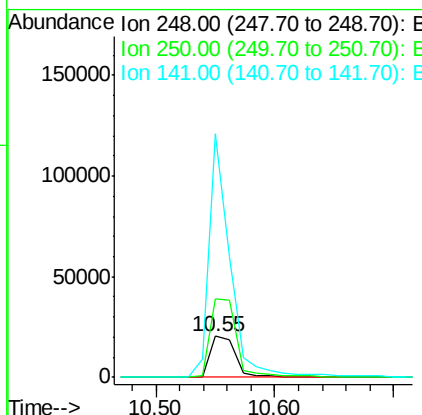
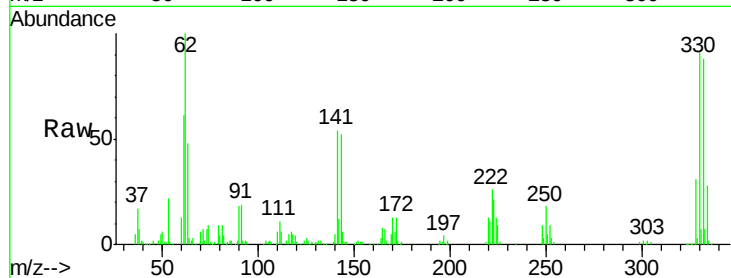




#66
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093644.D
Acq: 14 Mar 2017 8:29

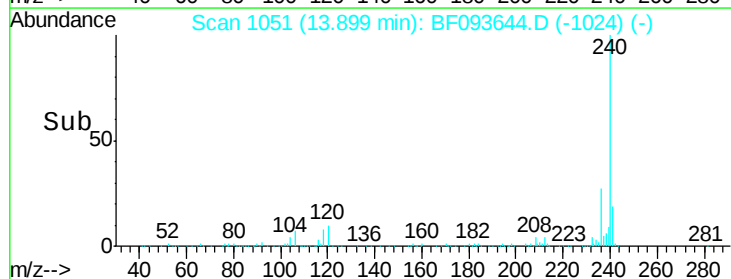
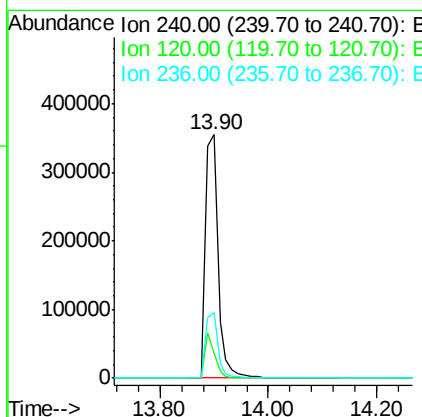
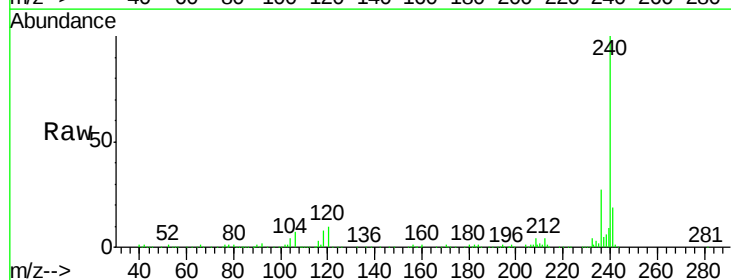
Instrument :
BNA_M
ClientSampleId :
D-120

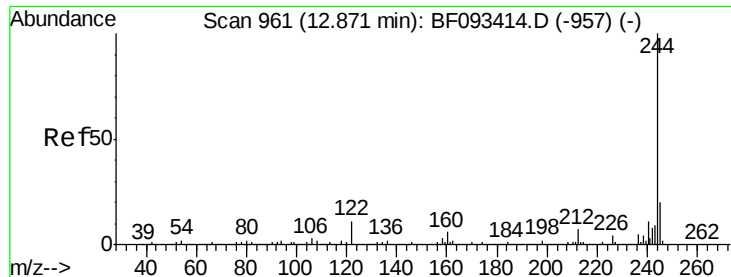
Tot Ion:248 Resp: 29962
Ion Ratio Lower Upper
248 100
250 190.9 76.9 115.3#
141 590.2 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093644.D
Acq: 14 Mar 2017 8:29

Tgt Ion:240 Resp: 572814
Ion Ratio Lower Upper
240 100
120 10.2 12.9 19.3#
236 26.8 20.9 31.3

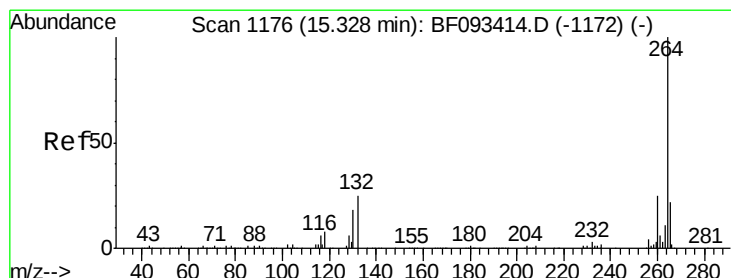
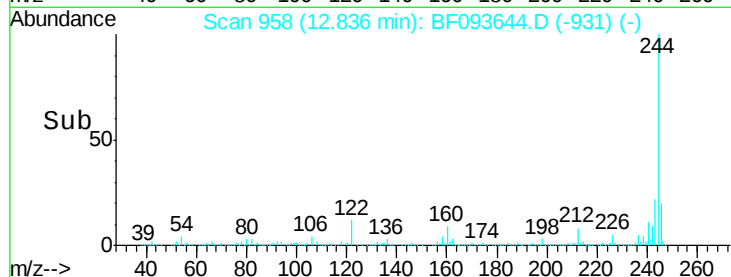
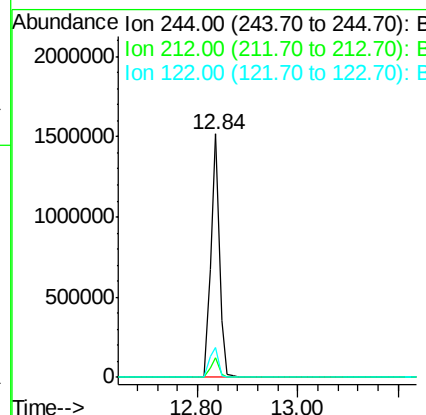
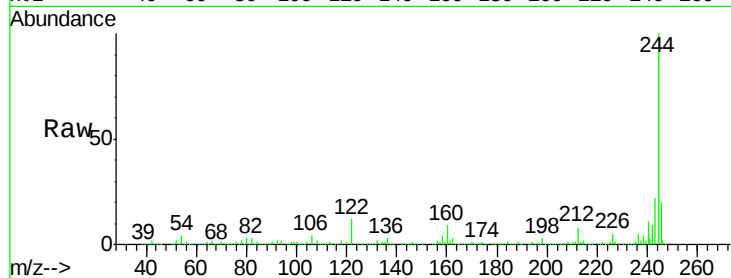




#78
 Terphenyl-d14
 Concen: 81.14 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093644.D
 Acq: 14 Mar 2017 8:29

Instrument :
 BNA_M
 ClientSampleId :
 D-120

Tot Ion:244 Resp: 1787606
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 12.3 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: BF093644.D
 Acq: 14 Mar 2017 8:29

Tgt Ion:264 Resp: 374088
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.2 17.4 26.0

