

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093638.D
 Acq On : 14 Mar 2017 5:44
 Operator : SJ/MA
 Sample : I2199-30
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-111

Quant Time: Mar 14 06:08:42 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

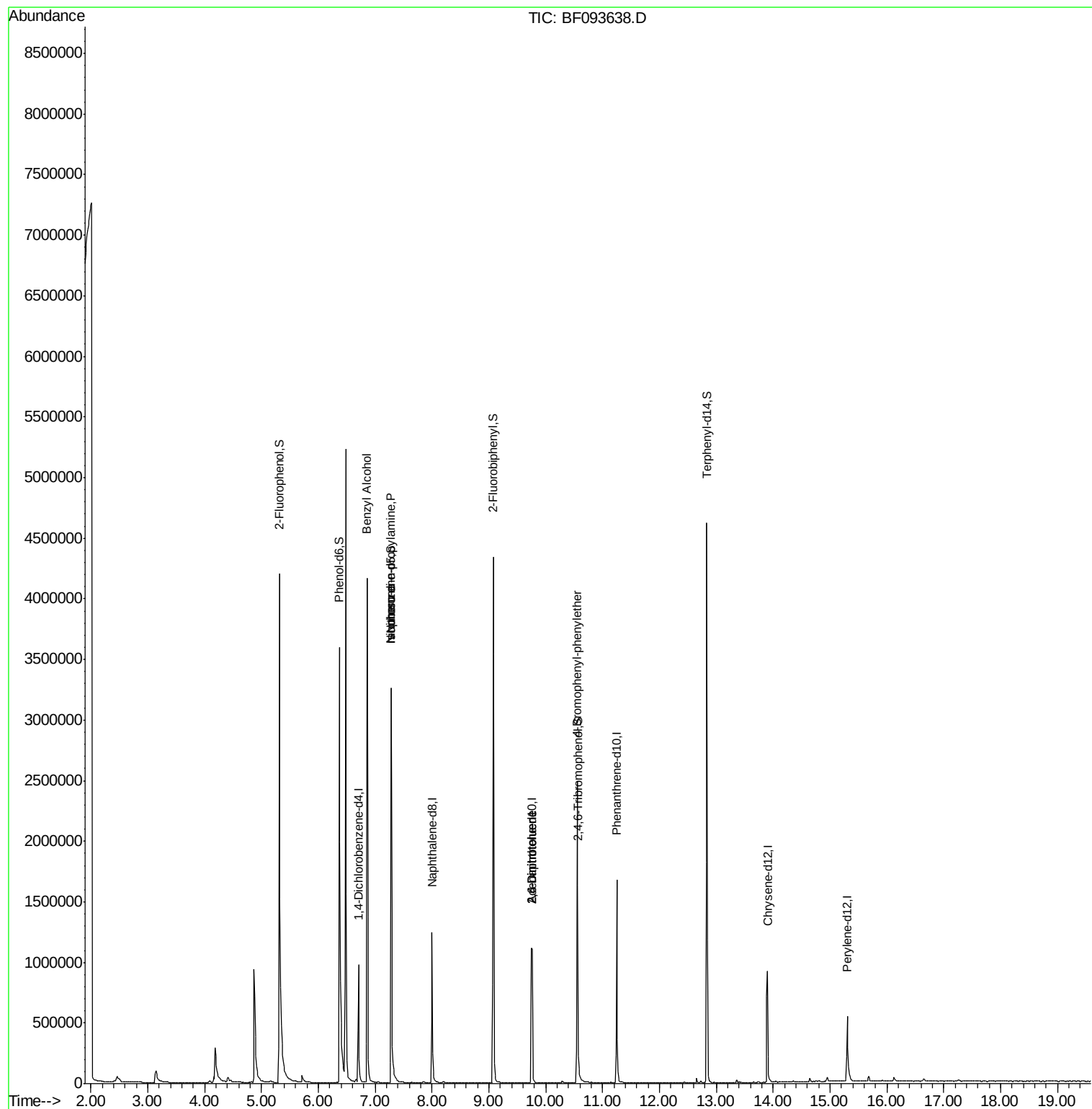
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	177848	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	713733	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	344464	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	658962	20.00	ng	0.00
75) Chrysene-d12	13.90	240	492204	20.00	ng	0.01
86) Perylene-d12	15.31	264	253115	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1608481	150.52	ng	0.00
7) Phenol-d6	6.37	99	1966203	145.91	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1305742	101.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	396707	176.77	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	2098575	113.32	ng	-0.01
78) Terphenyl-d14	12.84	244	1697721	89.68	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	1889	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	19571	2.04 ng	#	44
19) n-Nitroso-di-n-propylamine	7.28	70	174869	18.88 ng	#	83
25) Isophorone	7.28	82	1263966	48.73 ng	#	65
50) 2,6-Dinitrotoluene	9.75	165	44445	8.87 ng	#	31
56) 2,4-Dinitrotoluene	9.75	165	44448	7.22 ng	#	20
66) 4-Bromophenyl-phenylether	10.55	248	27203	3.90 ng	#	1

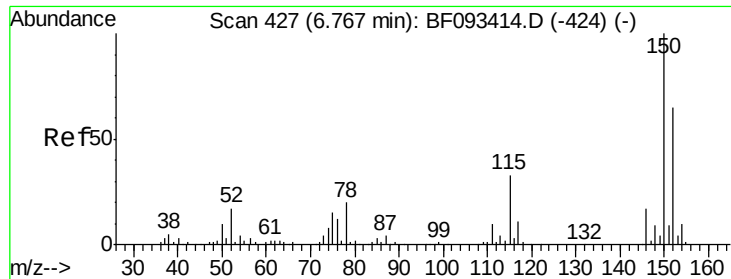
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093638.D

Acq: 14 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

D-111

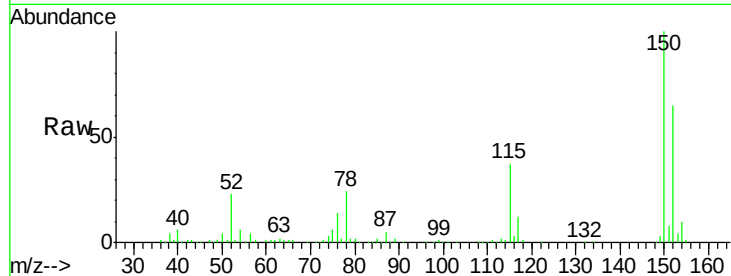
Tgt Ion:152 Resp: 177848

Ion Ratio Lower Upper

152 100

150 154.3 124.9 187.3

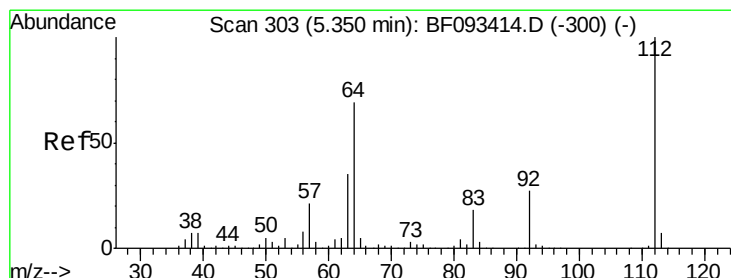
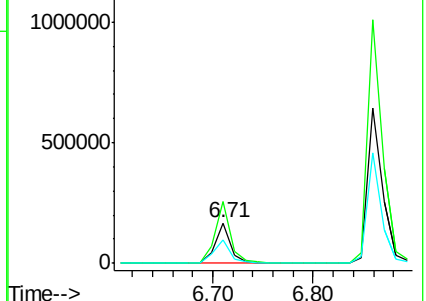
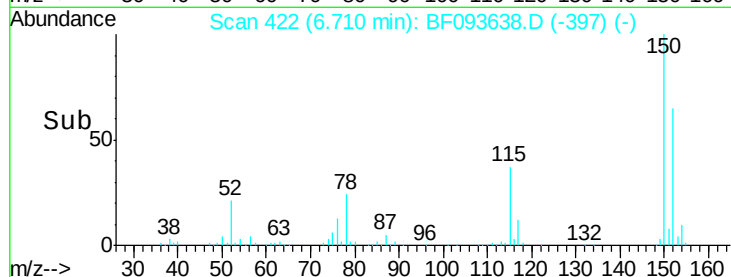
115 57.6 46.0 69.0



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: 150.52 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093638.D

Acq: 14 Mar 2017 5:44

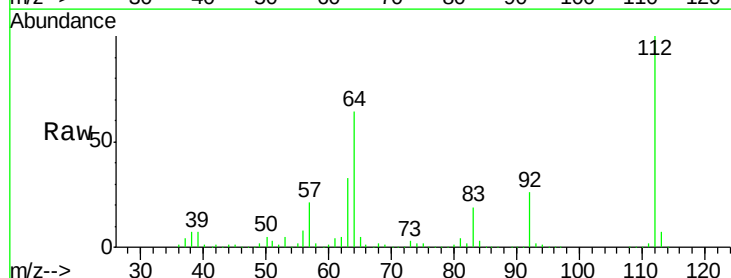
Tgt Ion:112 Resp: 1608481

Ion Ratio Lower Upper

112 100

64 64.4 46.1 69.1

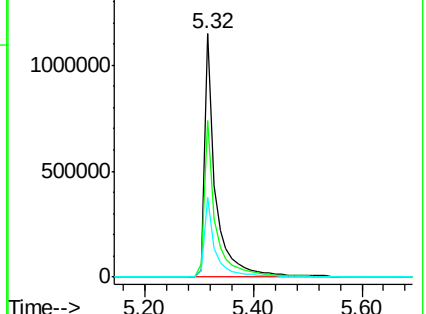
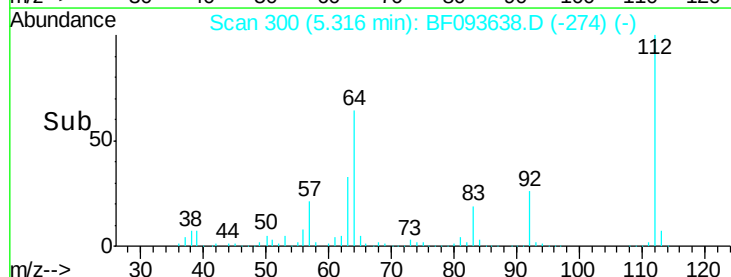
63 33.0 23.8 35.6

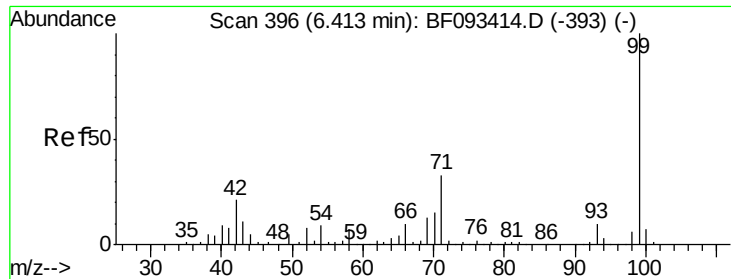


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.91 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093638.D

Acq: 14 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

D-111

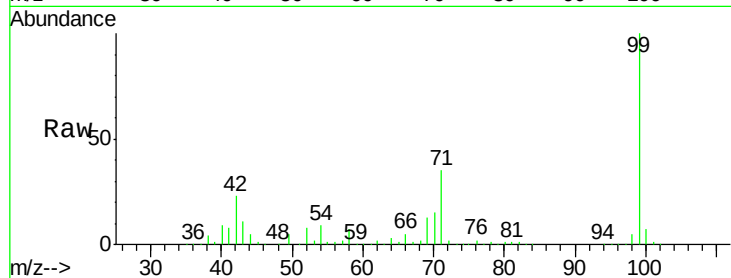
Tgt Ion: 99 Resp: 1966203

Ion Ratio Lower Upper

99 100

42 22.5 15.6 23.4

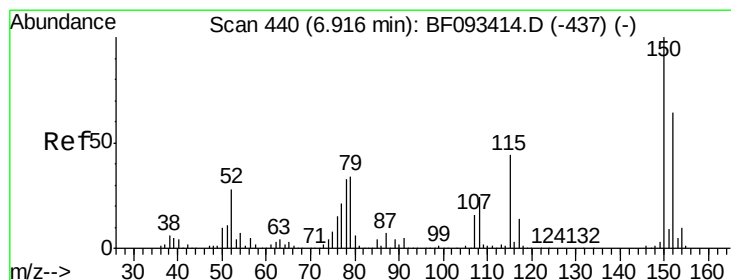
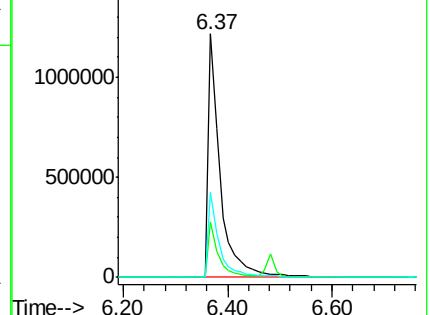
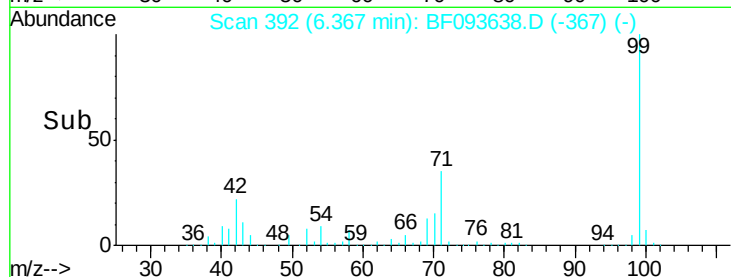
71 34.9 27.5 41.3



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: 2.04 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093638.D

Acq: 14 Mar 2017 5:44

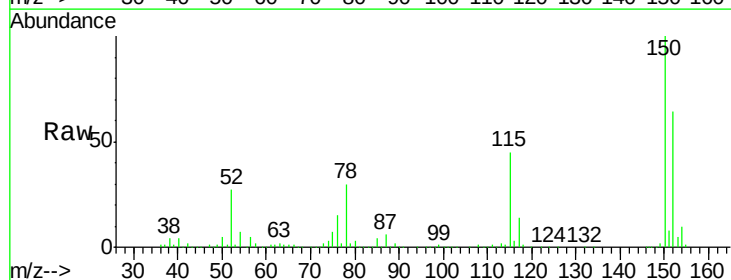
Tgt Ion: 79 Resp: 19571

Ion Ratio Lower Upper

79 100

108 29.7 61.4 92.0#

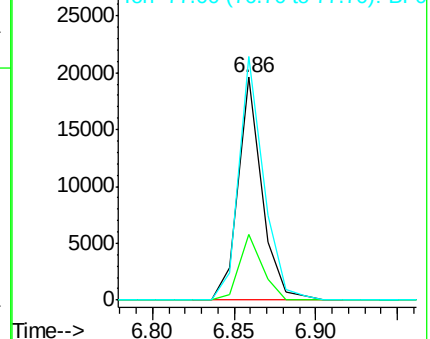
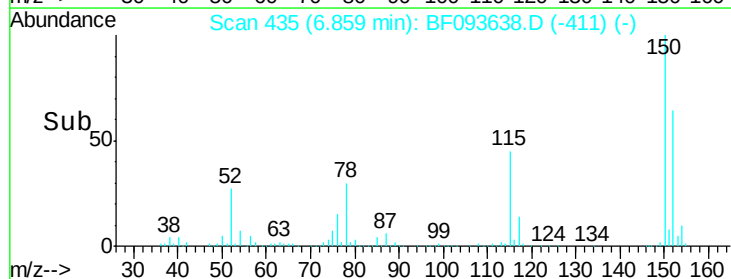
77 109.3 50.9 76.3#

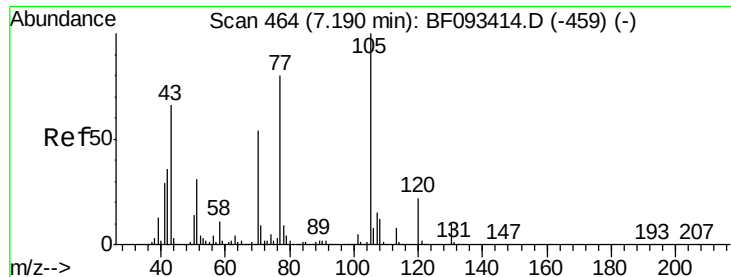


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

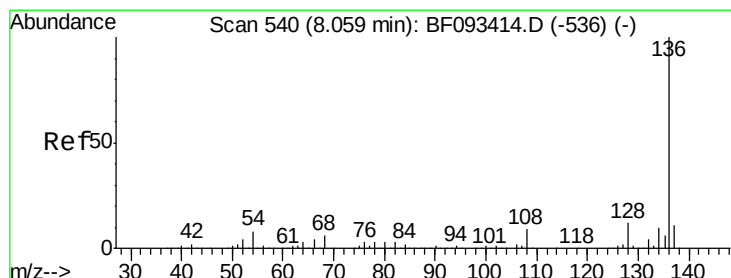
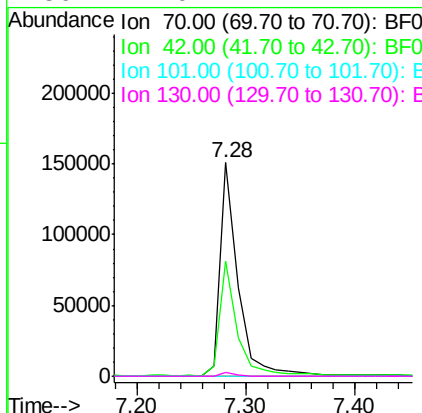
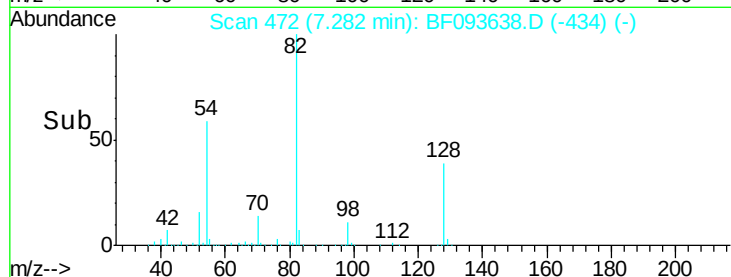
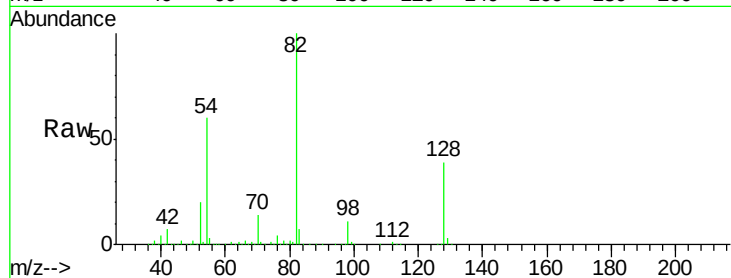




#19
n-Nitroso-di-n-propylamine
Concen: 18.88 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093638.D
Acq: 14 Mar 2017 5:44

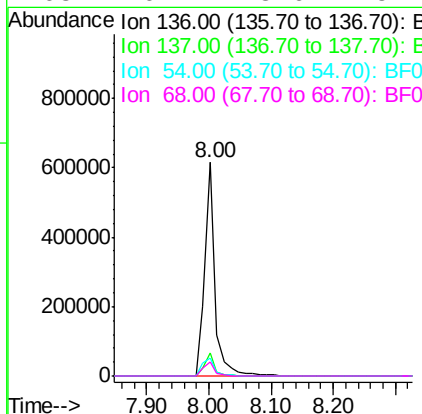
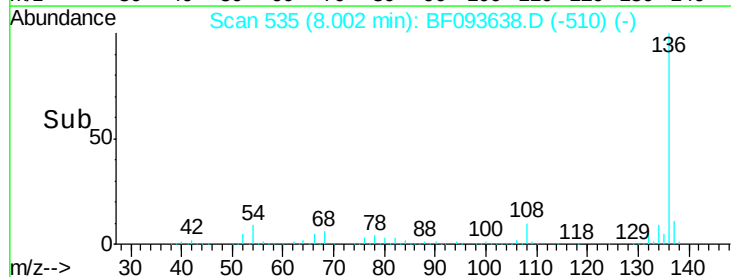
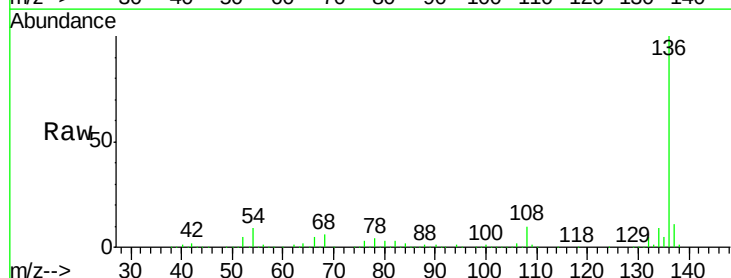
Instrument :
BNA_F
ClientSampleId :
D-111

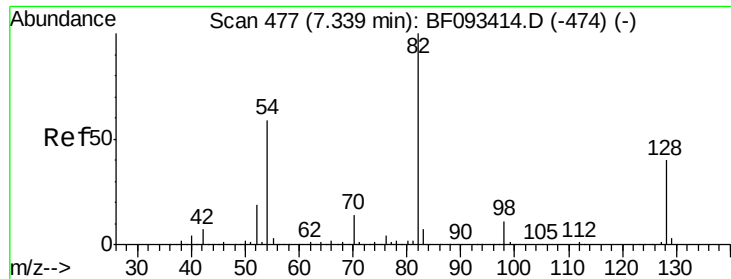
Tgt Ion: 70 Resp: 174869
Ion Ratio Lower Upper
70 100
42 53.8 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093638.D
Acq: 14 Mar 2017 5:44

Tgt Ion: 136 Resp: 713733
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.5 4.5 6.7#
68 6.4 3.6 5.4#

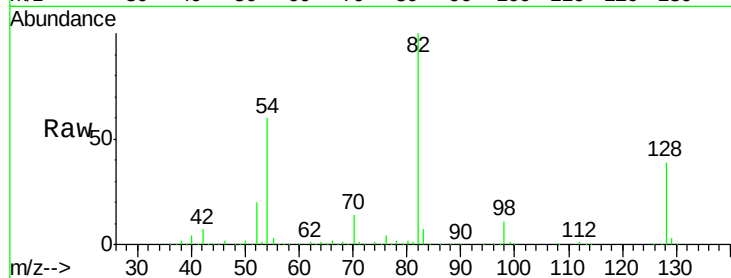




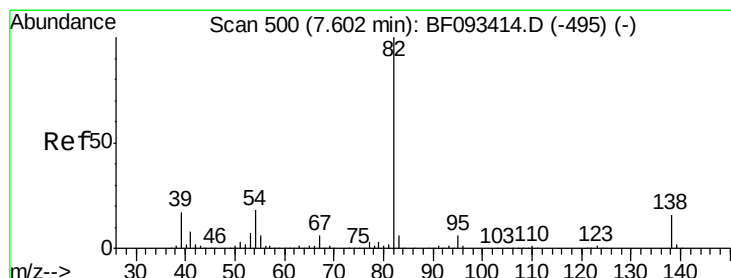
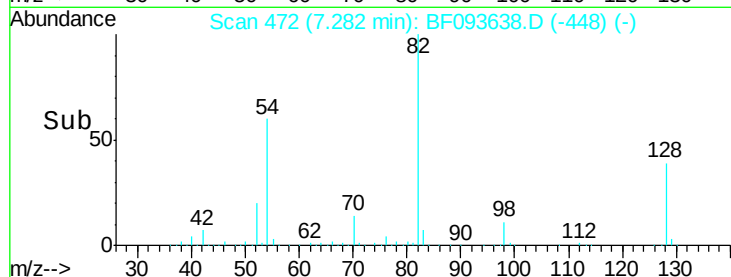
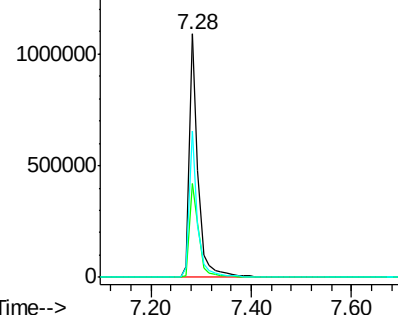
#23
Nitrobenzene-d5
Concen: 101.51 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093638.D
Acq: 14 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
D-111

Tgt Ion: 82 Resp: 1305742
Ion Ratio Lower Upper
82 100
128 38.7 34.6 52.0
54 60.2 39.5 59.3#

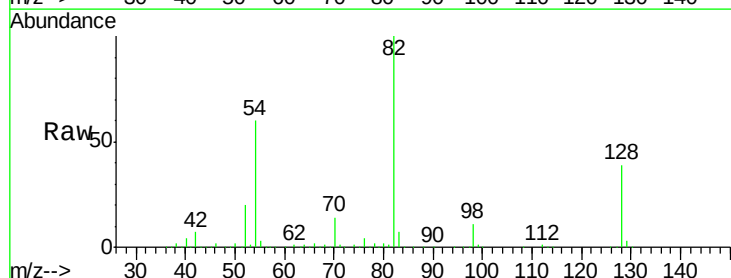


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

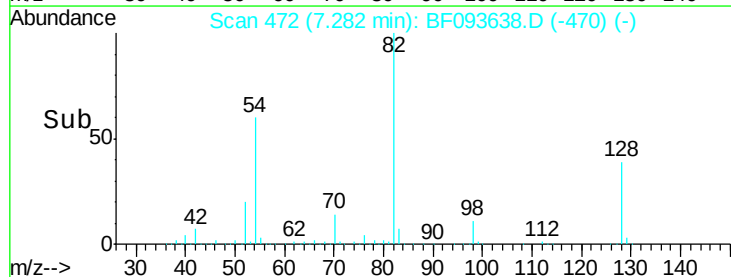
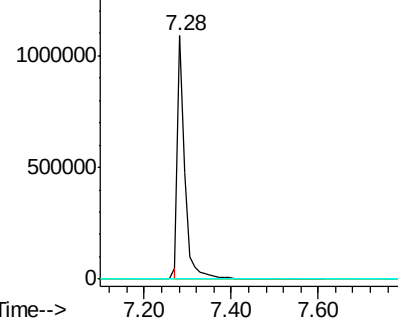


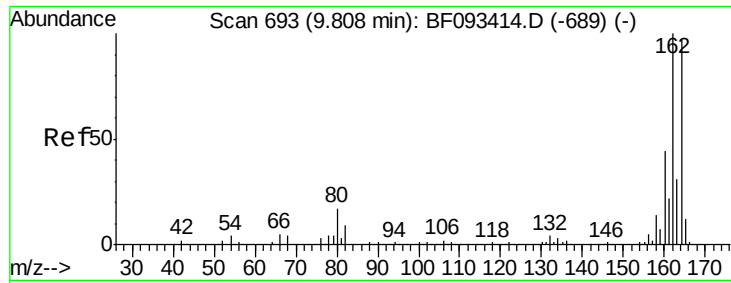
#25
Isophorone
Concen: 48.73 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.27 min
Lab File: BF093638.D
Acq: 14 Mar 2017 5:44

Tgt Ion: 82 Resp: 1263966
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

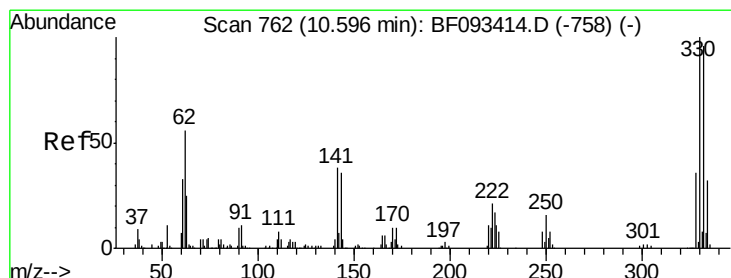
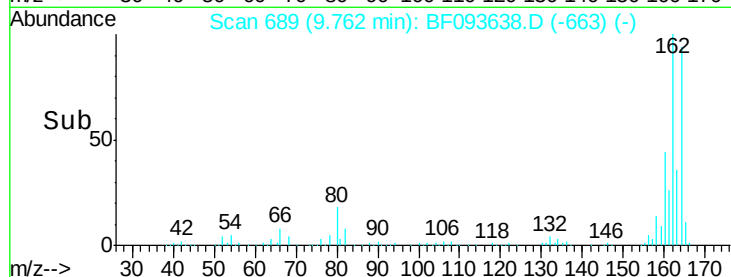
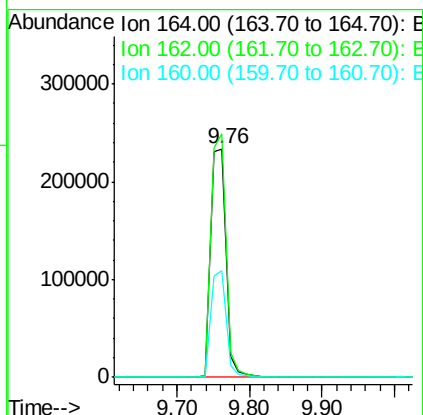
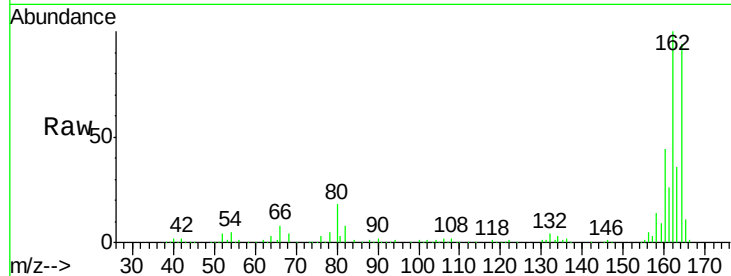




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF093638.D
 Acq: 14 Mar 2017 5:44

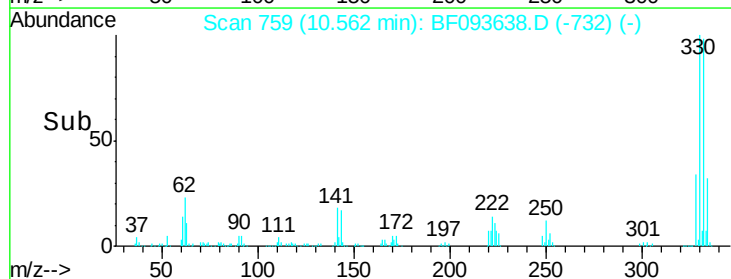
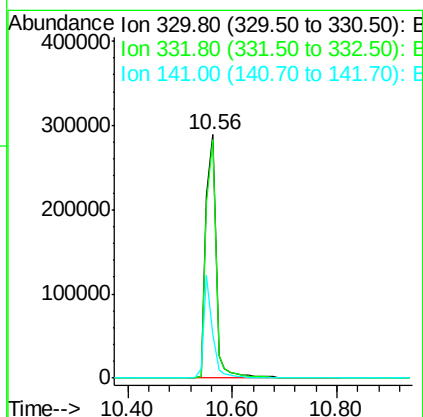
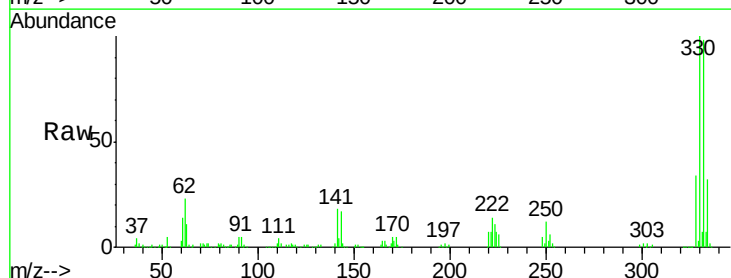
Instrument :
 BNA_F
 ClientSampleId :
 D-111

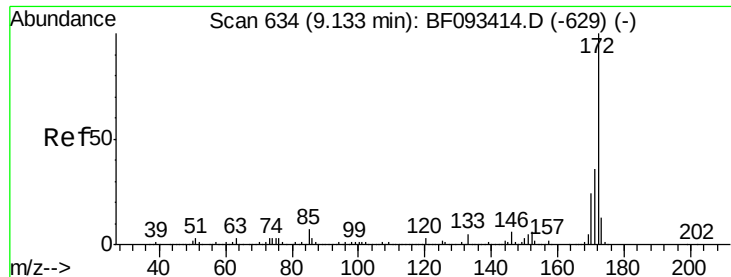
Tgt Ion:164 Resp: 344464
 Ion Ratio Lower Upper
 164 100
 162 106.6 80.2 120.2
 160 46.9 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 176.77 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093638.D
 Acq: 14 Mar 2017 5:44

Tgt Ion:330 Resp: 396707
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 37.3 34.1 51.1

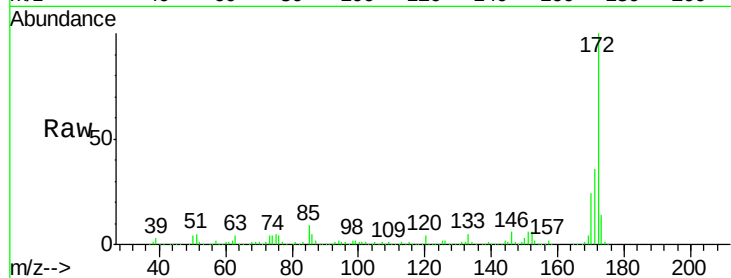




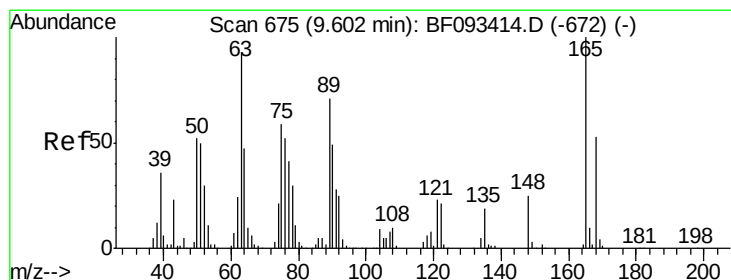
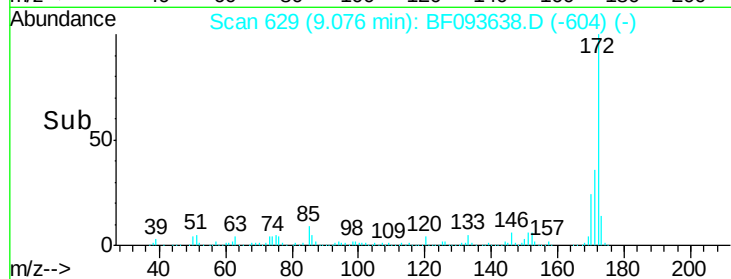
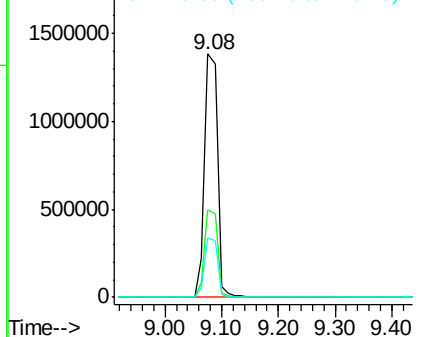
#44
 2-Fluorobiphenyl
 Concen: 113.32 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093638.D
 Acq: 14 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 D-111

Tgt Ion:172 Resp: 2098575
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 20.2 30.4

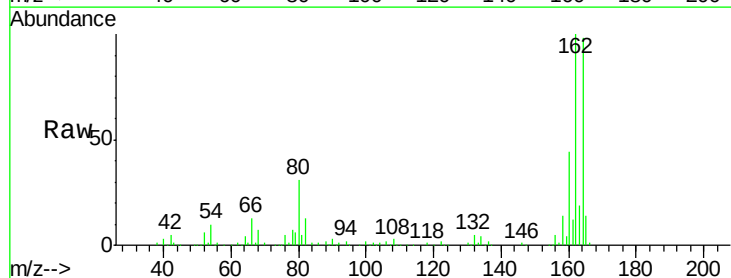


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

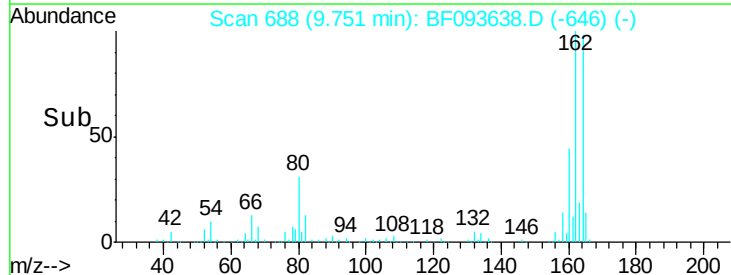
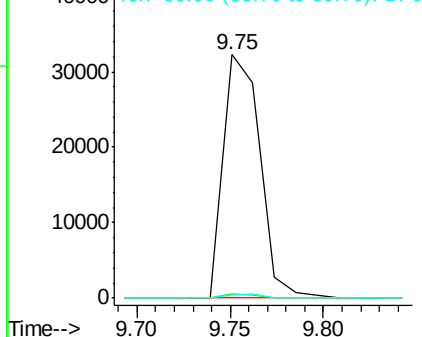


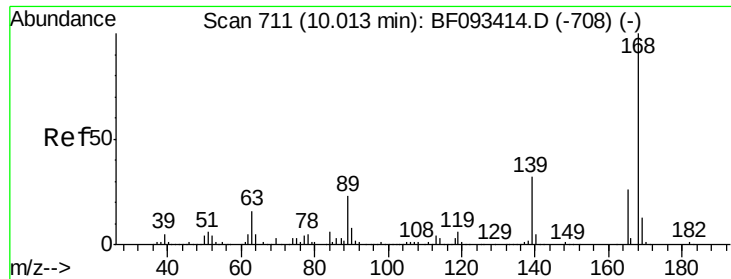
#50
 2,6-Dinitrotoluene
 Concen: 8.87 ng
 RT: 9.75 min Scan# 688
 Delta R.T. 0.18 min
 Lab File: BF093638.D
 Acq: 14 Mar 2017 5:44

Tgt Ion:165 Resp: 44445
 Ion Ratio Lower Upper
 165 100
 63 2.0 36.2 54.4#
 89 1.4 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: 7.22 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.23 min

Lab File: BF093638.D

Acq: 14 Mar 2017 5:44

Instrument :

BNA_F

ClientSampled :

D-111

Tgt Ion:165 Resp: 44448

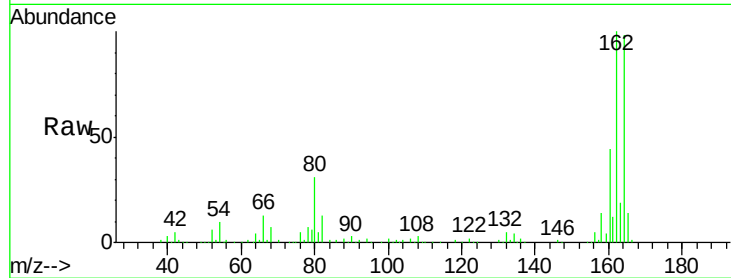
Ion Ratio Lower Upper

165 100

63 2.0 40.2 60.4#

89 1.4 62.5 93.7#

182 0.0 1.8 2.8#

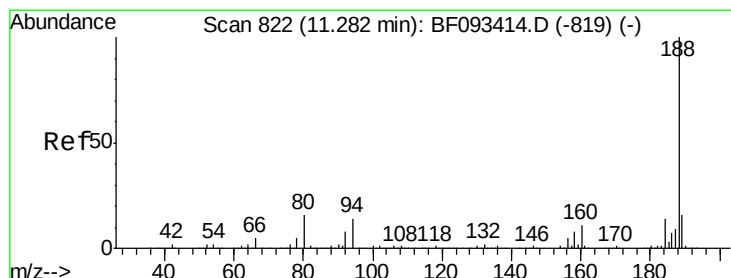
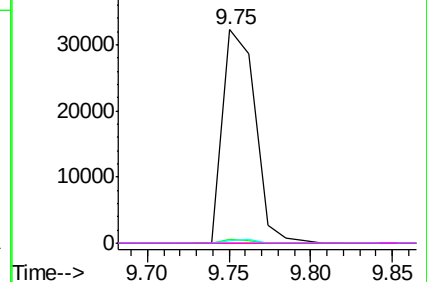
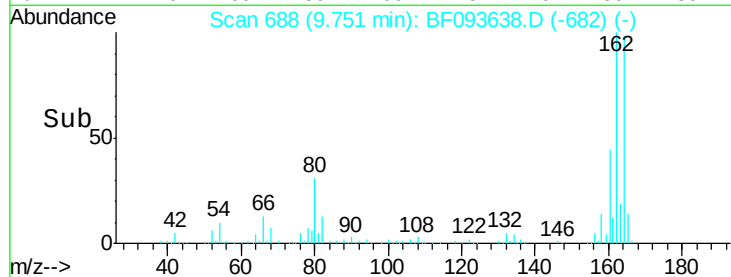


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF093638.D

Acq: 14 Mar 2017 5:44

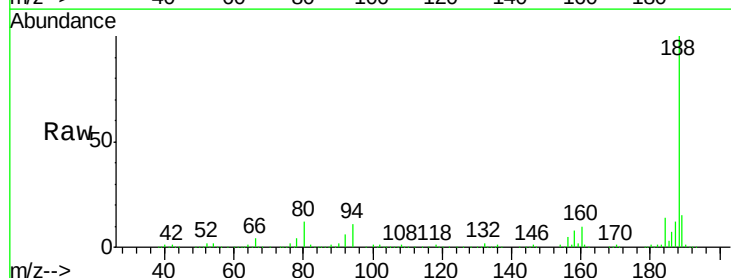
Tgt Ion:188 Resp: 658962

Ion Ratio Lower Upper

188 100

94 11.1 10.0 15.0

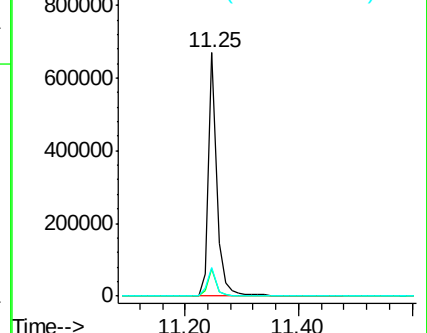
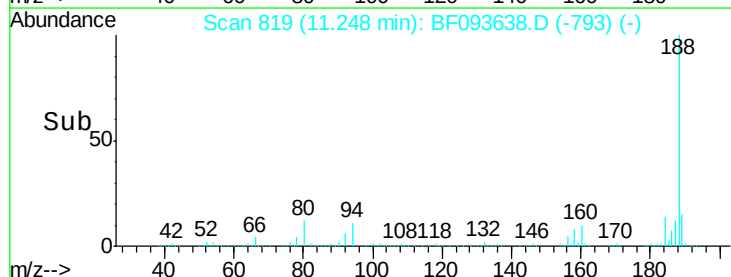
80 11.6 11.2 16.8

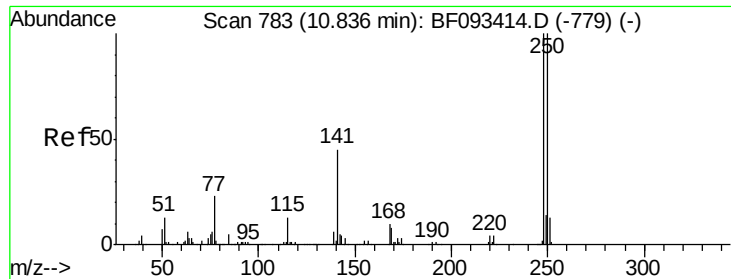


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

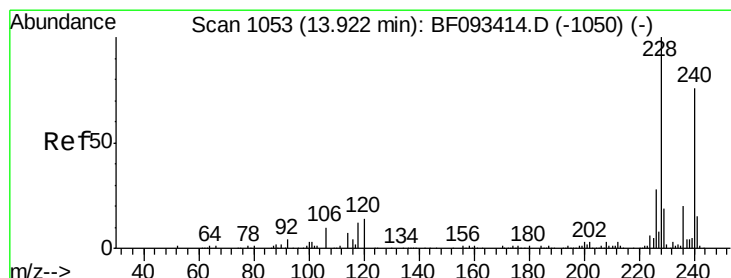
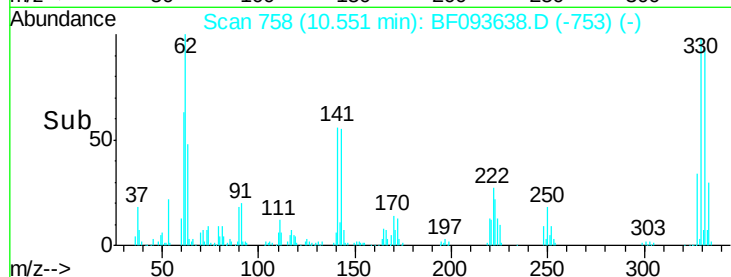
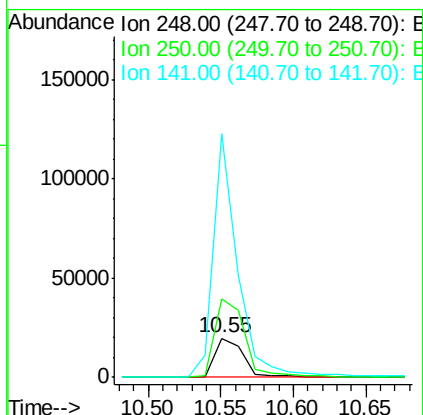
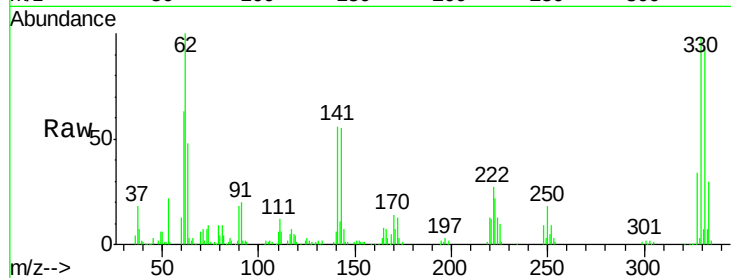




#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093638.D
Acq: 14 Mar 2017 5:44

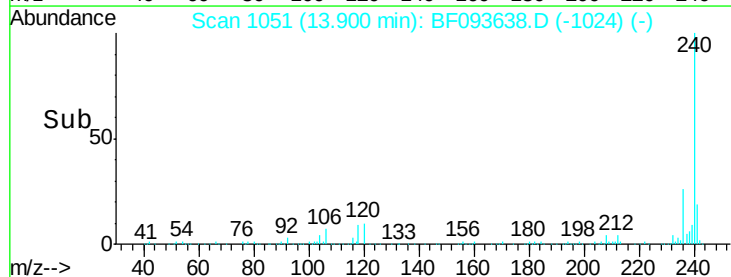
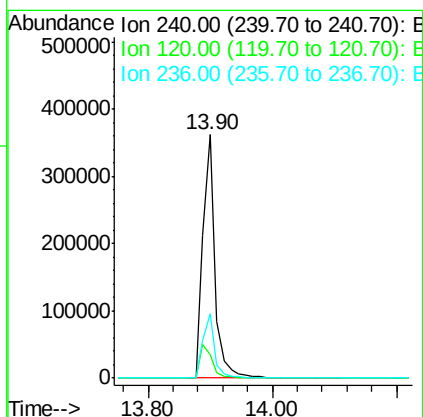
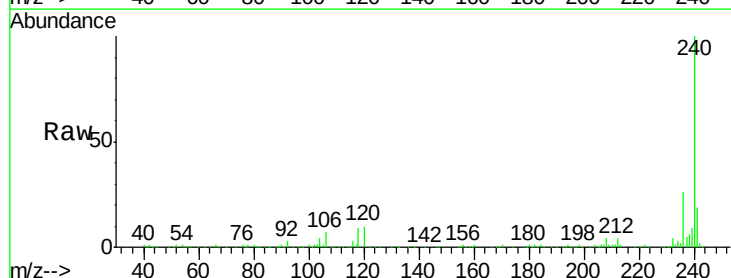
Instrument :
BNA_F
ClientSampleId :
D-111

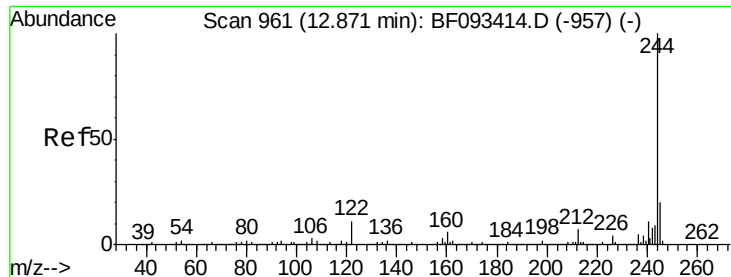
Tgt Ion: 248 Resp: 27203
Ion Ratio Lower Upper
248 100
250 200.8 76.9 115.3#
141 620.9 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093638.D
Acq: 14 Mar 2017 5:44

Tgt Ion: 240 Resp: 492204
Ion Ratio Lower Upper
240 100
120 9.8 12.9 19.3#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 89.68 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093638.D

Acq: 14 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

D-111

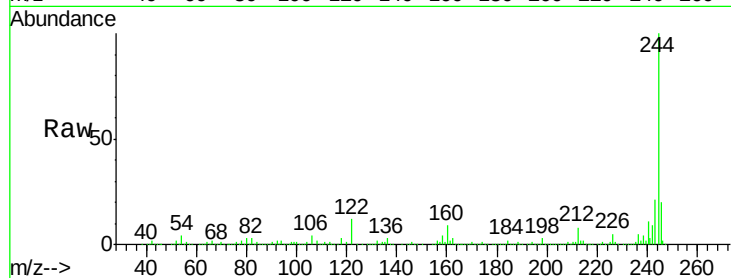
Tgt Ion:244 Resp: 1697721

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

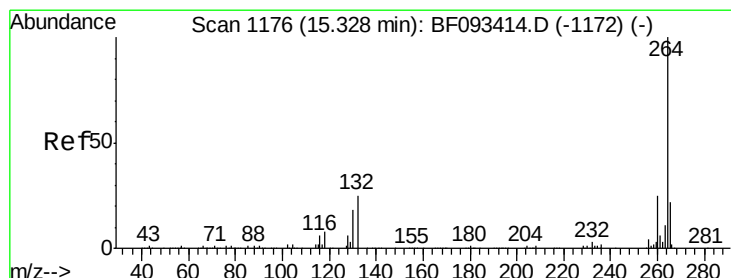
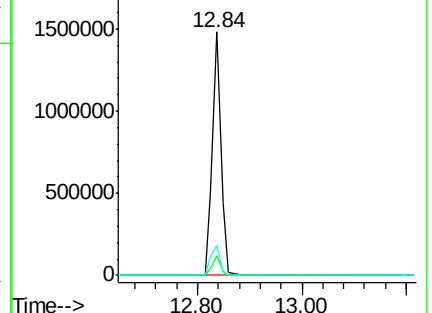
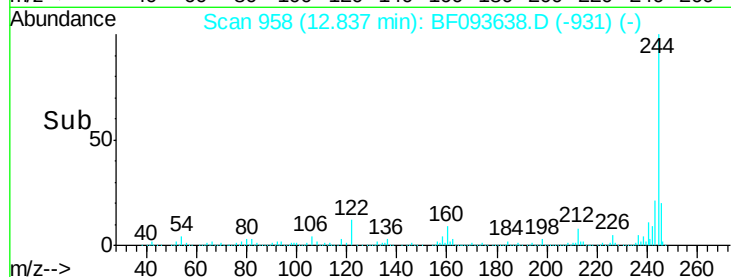
122 12.2 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BF093638.D

Acq: 14 Mar 2017 5:44

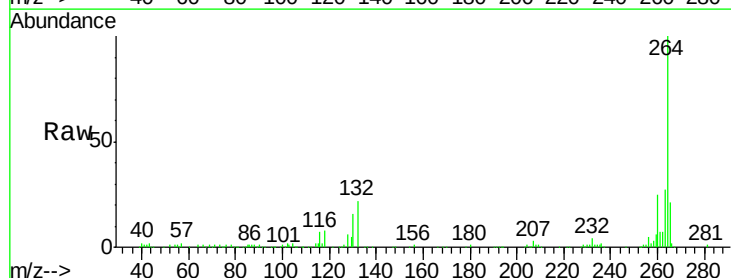
Tgt Ion:264 Resp: 253115

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 20.8 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

