

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093643.D
 Acq On : 14 Mar 2017 8:02
 Operator : SJ/MA
 Sample : I2201-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-119

Quant Time: Mar 14 08:26:56 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

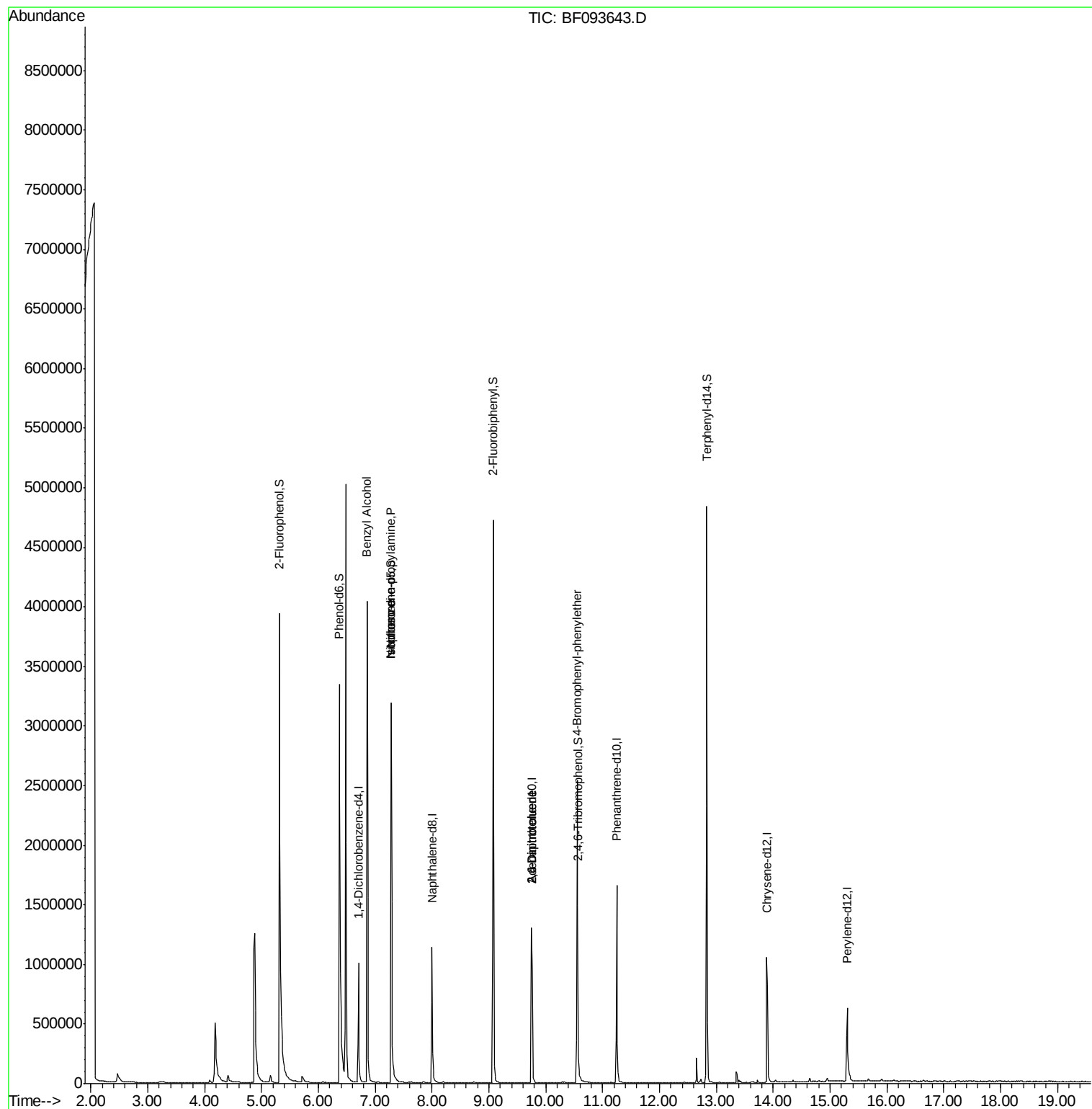
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	177188	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	720830	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	348647	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	672513	20.00	ng	0.00
75) Chrysene-d12	13.89	240	545670	20.00	ng	0.00
86) Perylene-d12	15.31	264	353440	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1685303	158.30	ng	0.00
7) Phenol-d6	6.37	99	2048204	152.56	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1303388	100.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	392807	172.93	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1995093	106.44	ng	-0.01
78) Terphenyl-d14	12.84	244	1690741	80.56	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2859	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	19891	2.08 ng	#	44
19) n-Nitroso-di-n-propylamine	7.28	70	172563	18.70 ng	#	87
25) Isophorone	7.28	82	1270264	48.49 ng	#	65
50) 2,6-Dinitrotoluene	9.75	165	43751	8.63 ng	#	32
56) 2,4-Dinitrotoluene	9.75	165	43745	7.02 ng	#	21
66) 4-Bromophenyl-phenylether	10.55	248	27258	3.83 ng	#	1

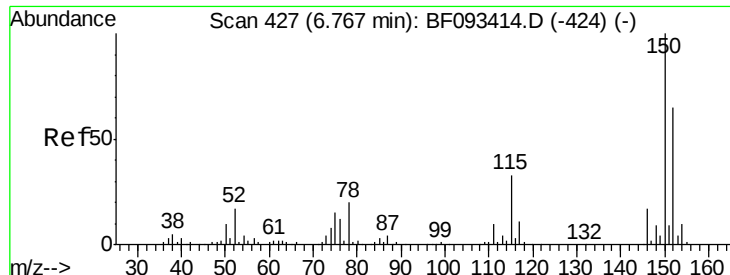
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093643.D

Acq: 14 Mar 2017 8:02

Instrument :

BNA_F

ClientSampleId :

D-119

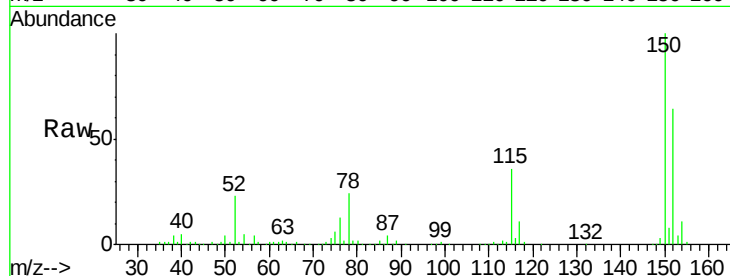
Tgt Ion:152 Resp: 177188

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

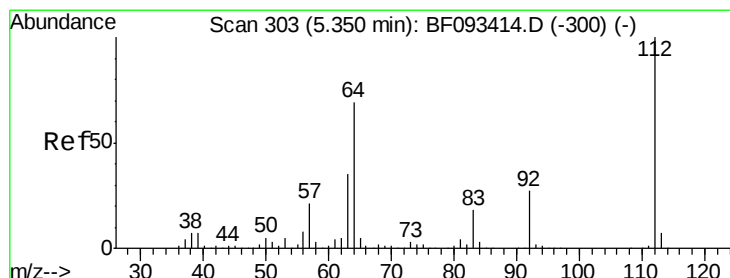
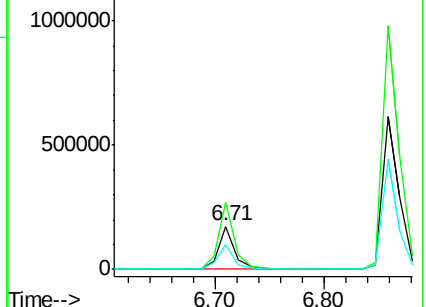
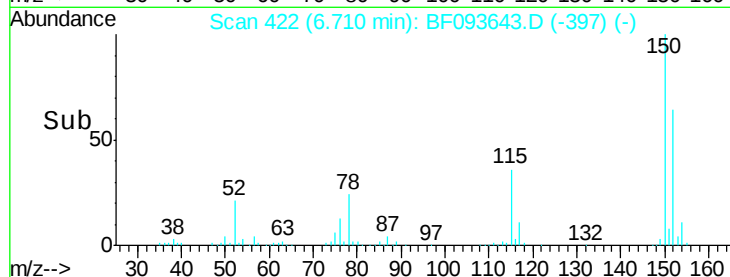
115 56.6 46.0 69.0



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: 158.30 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093643.D

Acq: 14 Mar 2017 8:02

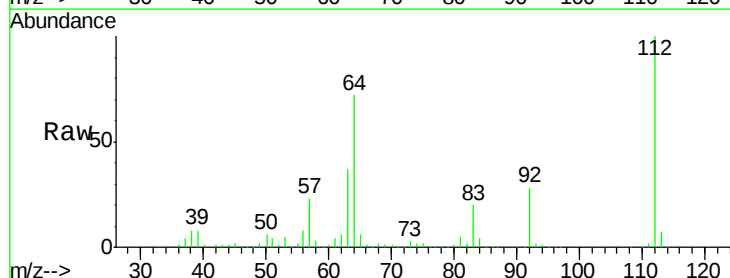
Tgt Ion:112 Resp: 1685303

Ion Ratio Lower Upper

112 100

64 71.9 46.1 69.1#

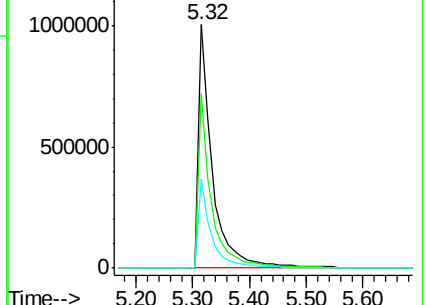
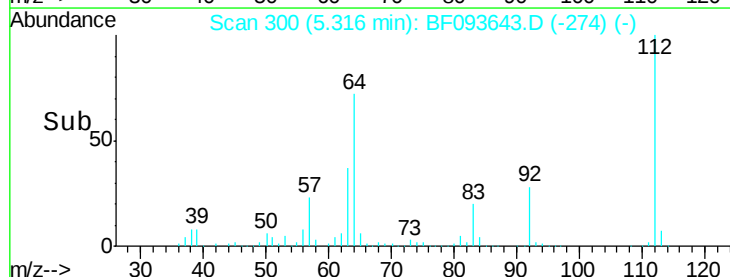
63 36.6 23.8 35.6#

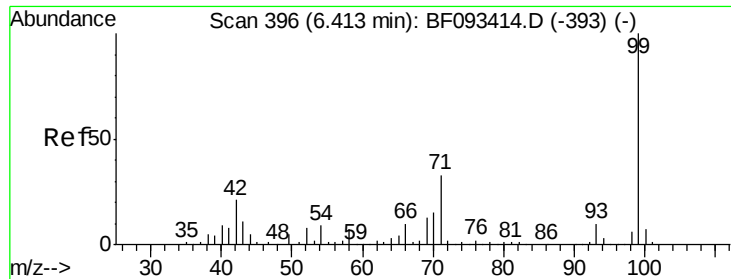


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 152.56 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093643.D

Acq: 14 Mar 2017 8:02

Instrument :

BNA_F

ClientSampleId :

D-119

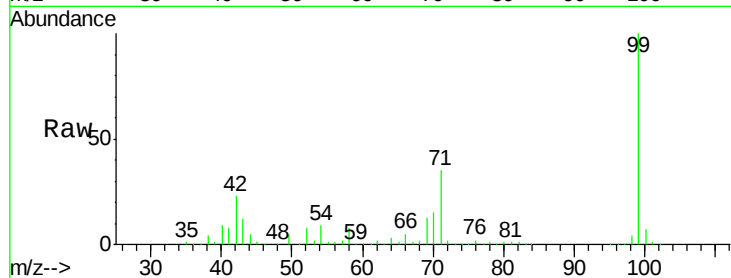
Tgt Ion: 99 Resp: 2048204

Ion Ratio Lower Upper

99 100

42 22.9 15.6 23.4

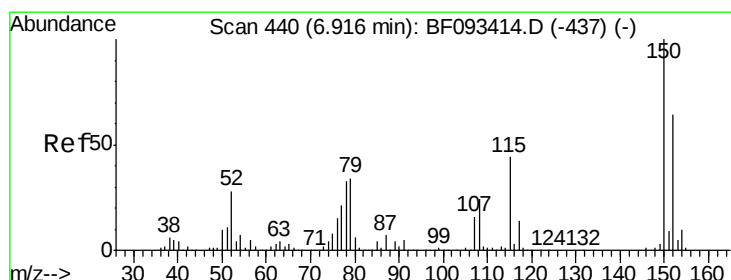
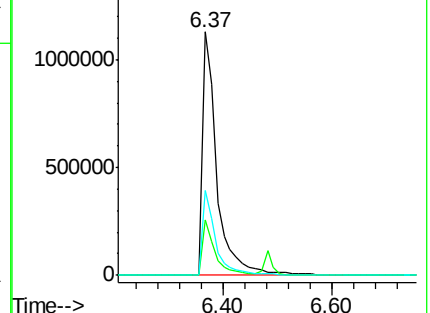
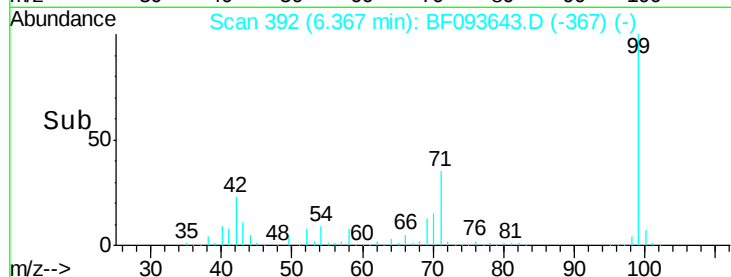
71 35.0 27.5 41.3



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: 2.08 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093643.D

Acq: 14 Mar 2017 8:02

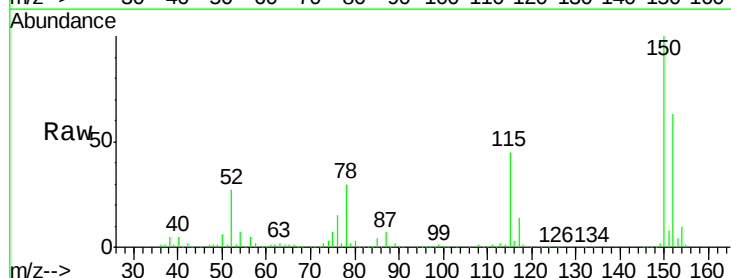
Tgt Ion: 79 Resp: 19891

Ion Ratio Lower Upper

79 100

108 27.1 61.4 92.0#

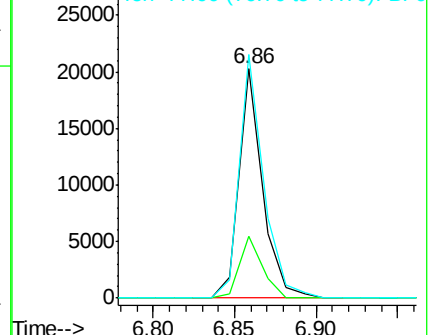
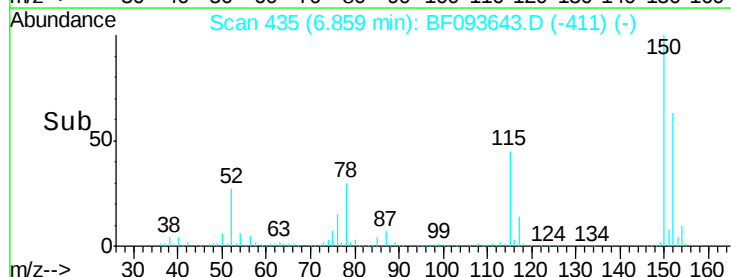
77 106.4 50.9 76.3#

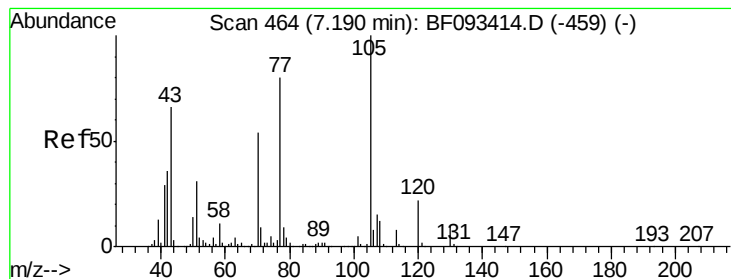


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 18.70 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093643.D

Acq: 14 Mar 2017 8:02

Instrument :

BNA_F

ClientSampleId :

D-119

Tgt Ion: 70 Resp: 172563

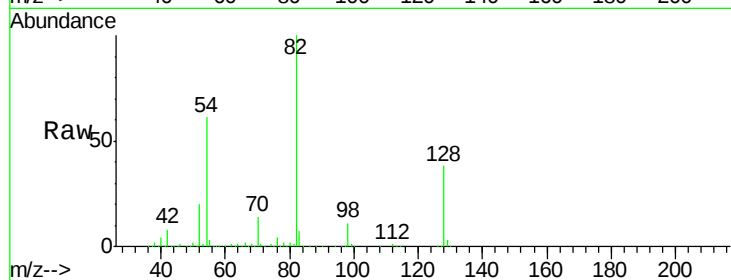
Ion Ratio Lower Upper

70 100

42 57.8 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

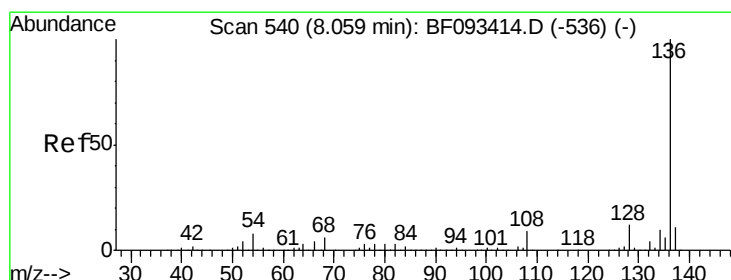
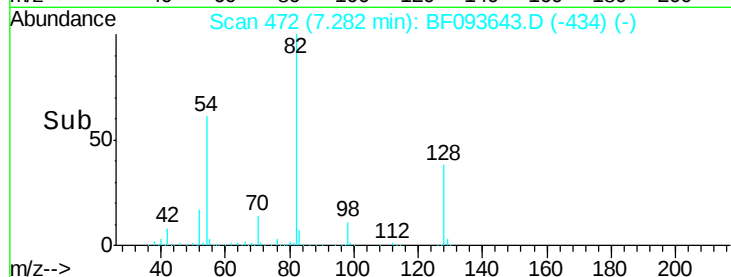
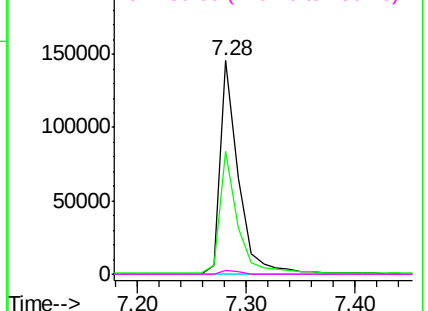


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093643.D

Acq: 14 Mar 2017 8:02

Tgt Ion: 136 Resp: 720830

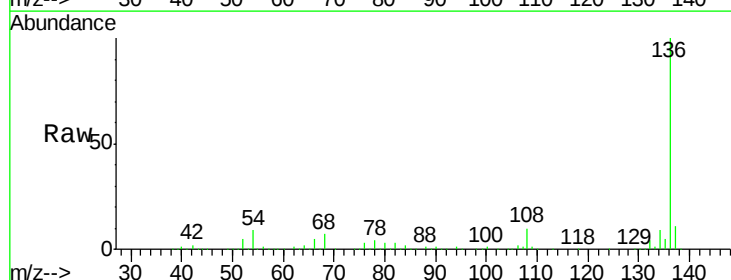
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.6 4.5 6.7#

68 6.5 3.6 5.4#

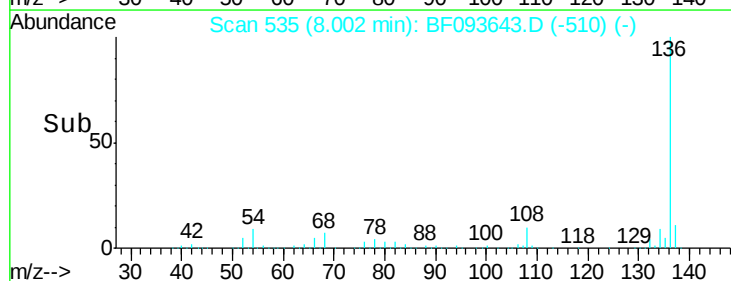
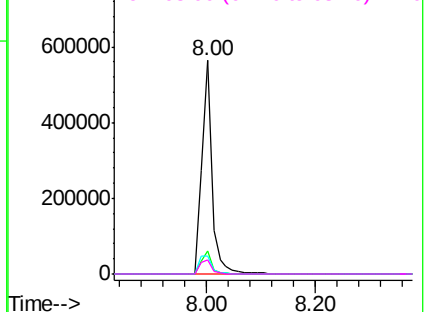


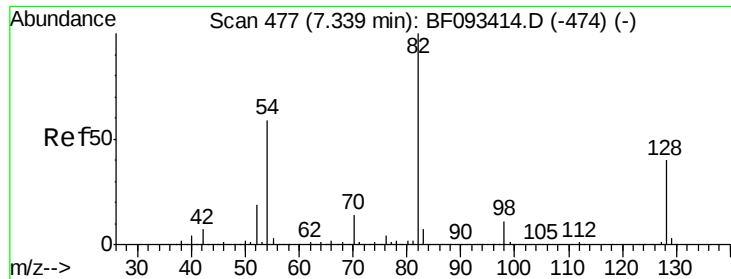
Abundance Ion 136.00 (135.70 to 136.70): E

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

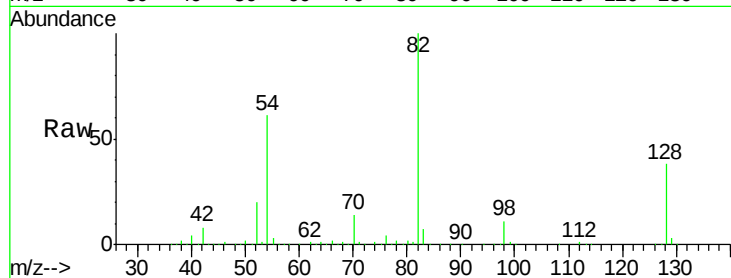




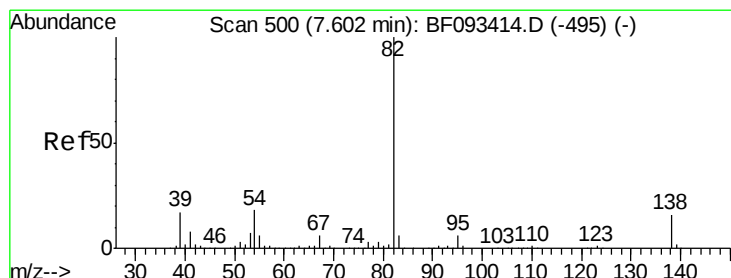
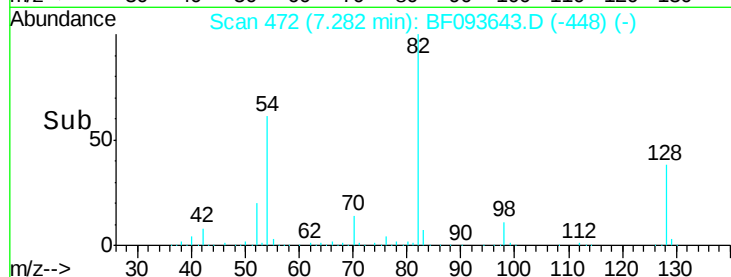
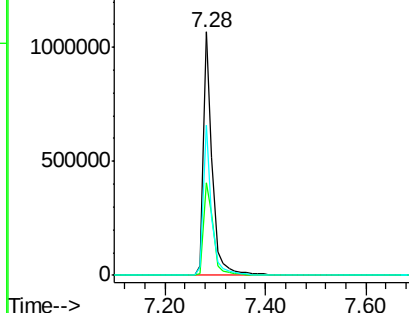
#23
 Nitrobenzene-d5
 Concen: 100.33 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093643.D
 Acq: 14 Mar 2017 8:02

Instrument :
 BNA_F
 ClientSampleID :
 D-119

Tgt Ion: 82 Resp: 1303388
 Ion Ratio Lower Upper
 82 100
 128 37.8 34.6 52.0
 54 61.5 39.5 59.3#

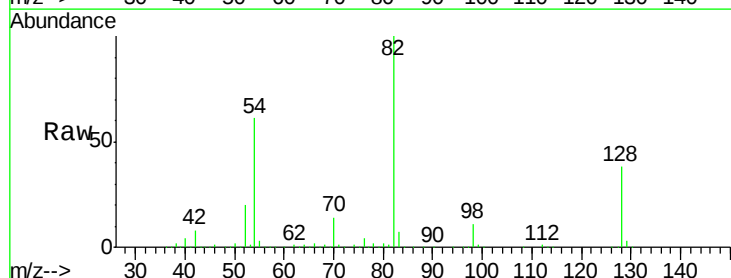


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

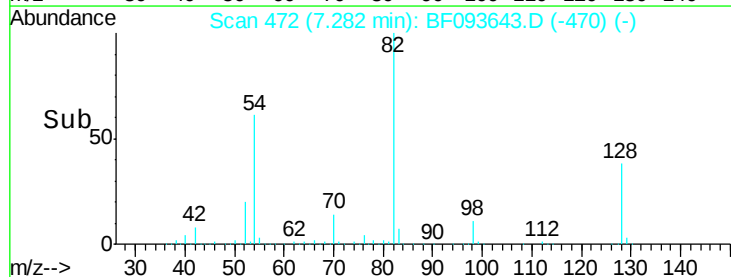
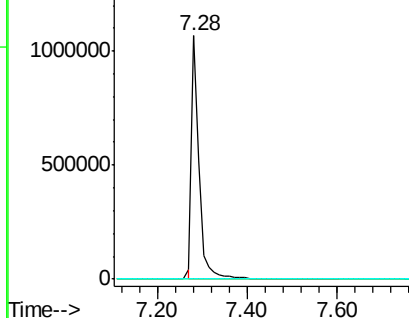


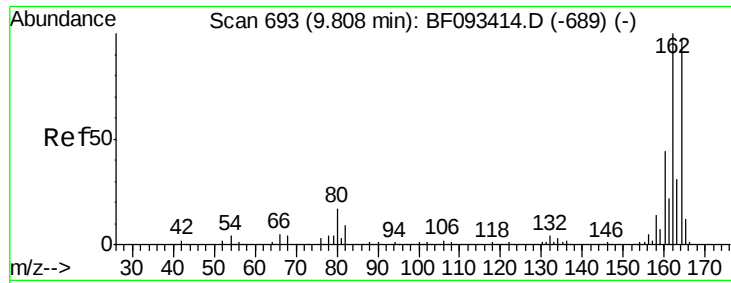
#25
 Isophorone
 Concen: 48.49 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093643.D
 Acq: 14 Mar 2017 8:02

Tgt Ion: 82 Resp: 1270264
 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

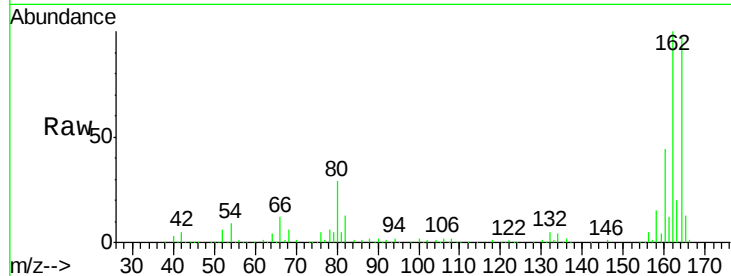




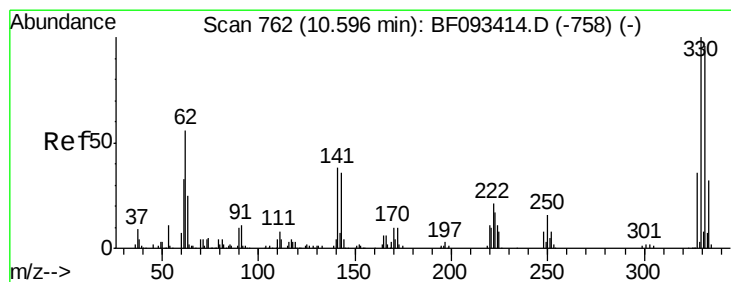
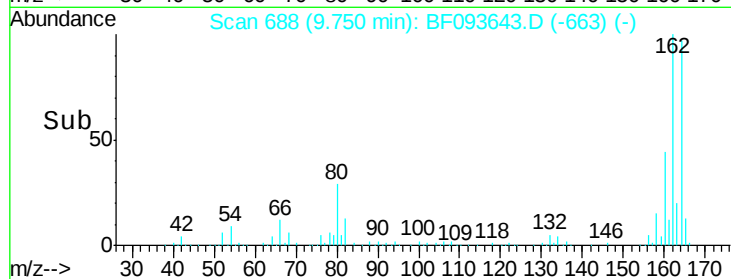
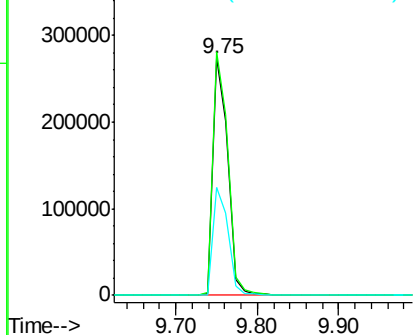
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093643.D
 Acq: 14 Mar 2017 8:02

Instrument :
 BNA_F
 ClientSampleId :
 D-119

Tgt Ion:164 Resp: 348647
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.2 120.2
 160 45.3 36.9 55.3

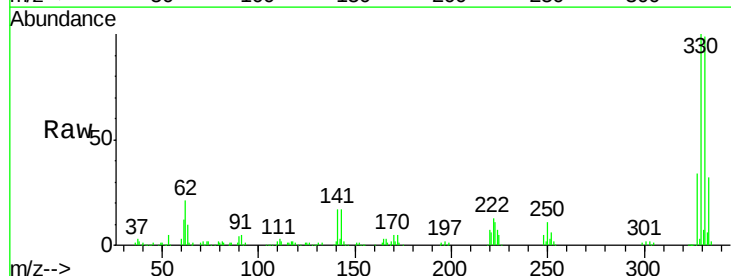


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

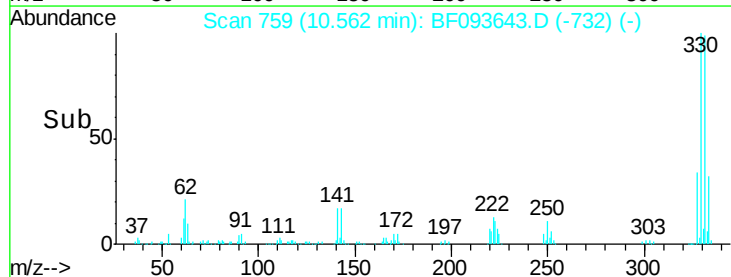
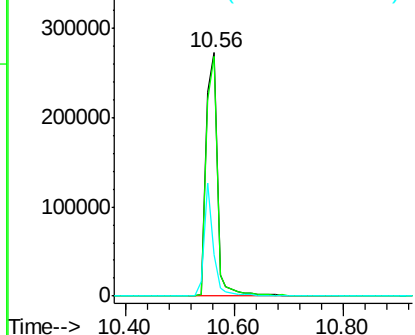


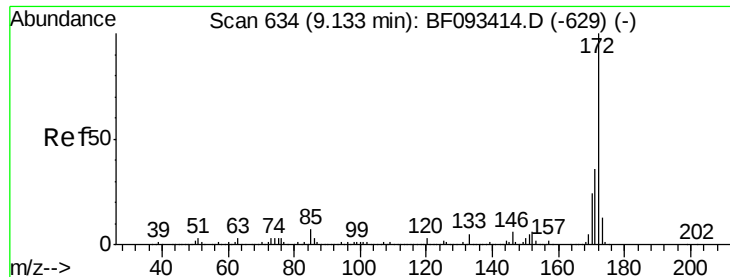
#41
 2,4,6-Tribromophenol
 Concen: 172.93 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093643.D
 Acq: 14 Mar 2017 8:02

Tgt Ion:330 Resp: 392807
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 37.8 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

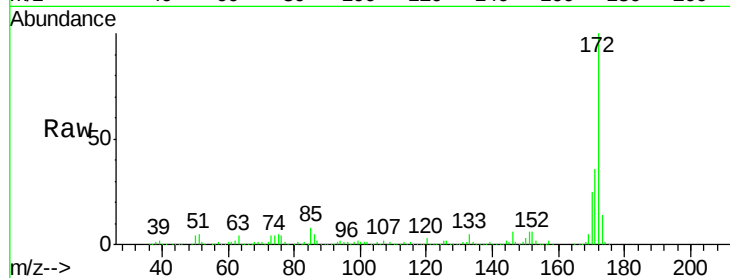




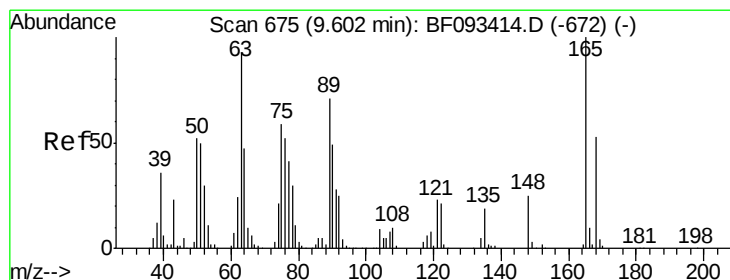
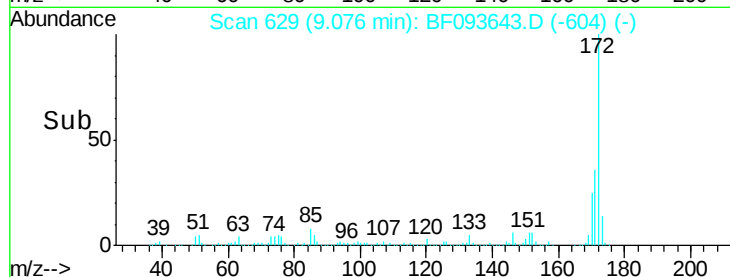
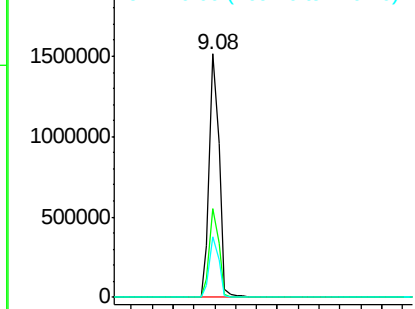
#44
 2-Fluorobiphenyl
 Concen: 106.44 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093643.D
 Acq: 14 Mar 2017 8:02

Instrument :
 BNA_F
 ClientSampleId :
 D-119

Tgt Ion:172 Resp: 1995093
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.7 20.2 30.4

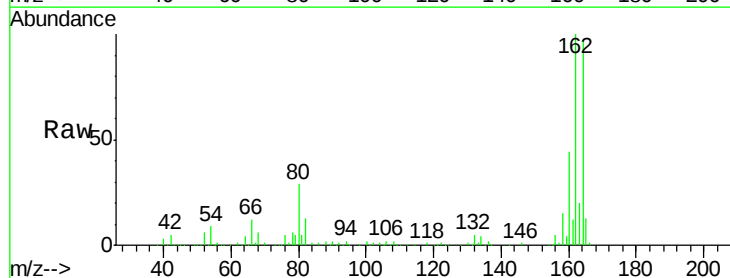


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

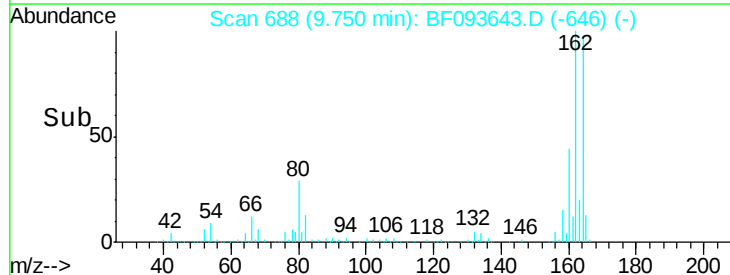
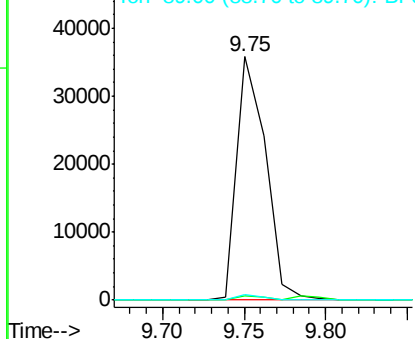


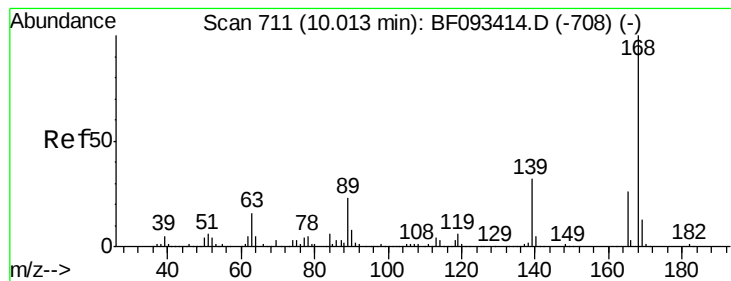
#50
 2,6-Dinitrotoluene
 Concen: 8.63 ng
 RT: 9.75 min Scan# 688
 Delta R.T. 0.18 min
 Lab File: BF093643.D
 Acq: 14 Mar 2017 8:02

Tgt Ion:165 Resp: 43751
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.2 54.4#
 89 2.2 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: 7.02 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.23 min

Lab File: BF093643.D

Acq: 14 Mar 2017 8:02

Instrument :

BNA_F

ClientSampleId :

D-119

Tgt Ion:165 Resp: 43745

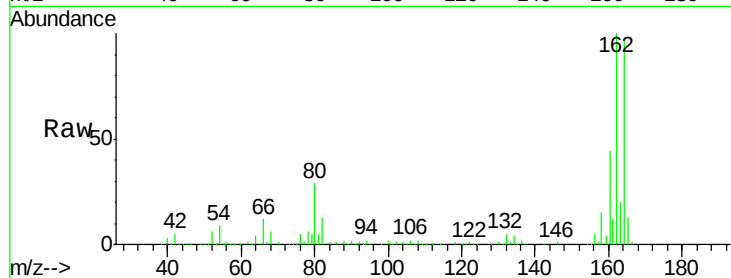
Ion Ratio Lower Upper

165 100

63 1.8 40.2 60.4#

89 2.2 62.5 93.7#

182 0.0 1.8 2.8#

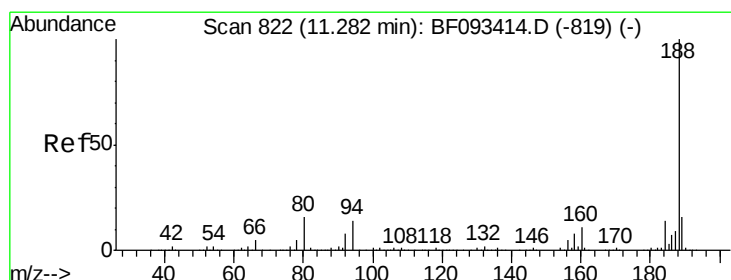
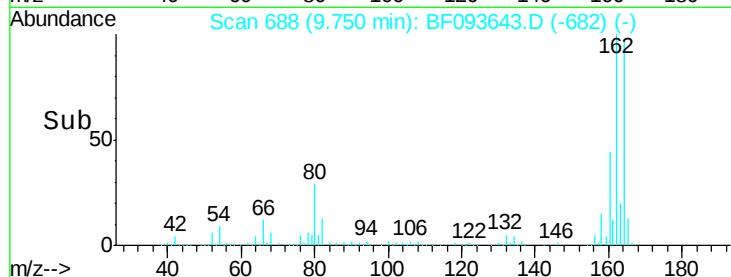
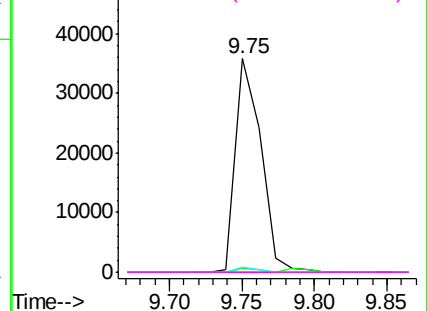


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF093643.D

Acq: 14 Mar 2017 8:02

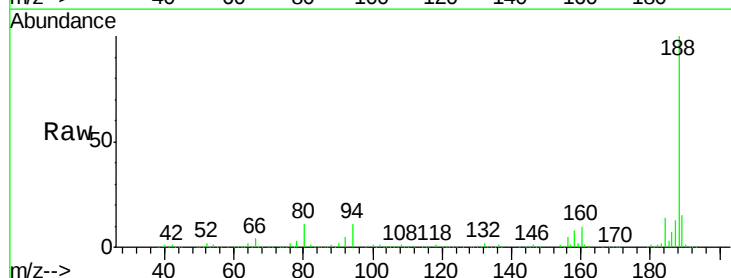
Tgt Ion:188 Resp: 672513

Ion Ratio Lower Upper

188 100

94 10.7 10.0 15.0

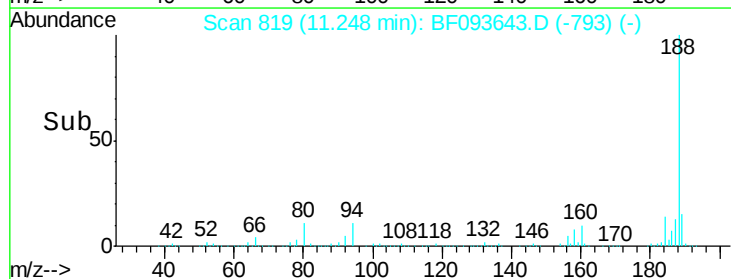
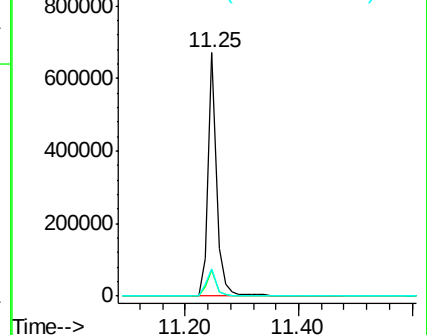
80 11.0 11.2 16.8#

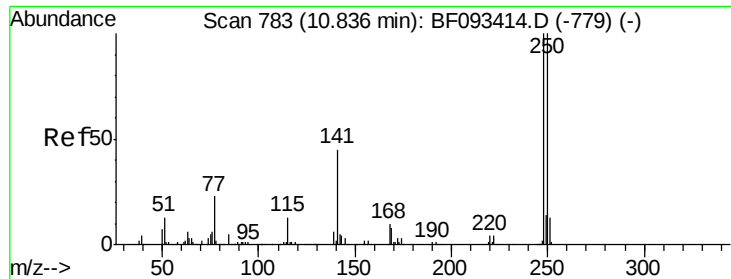


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

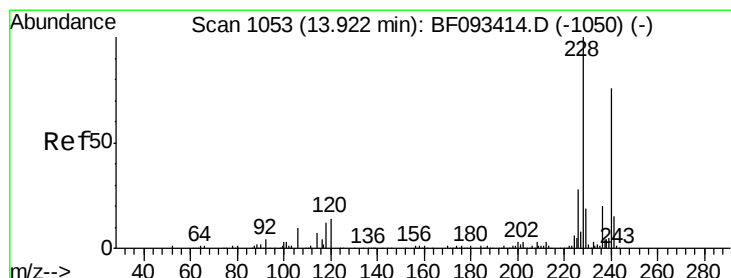
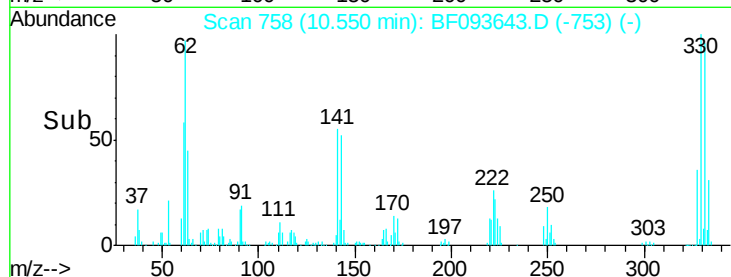
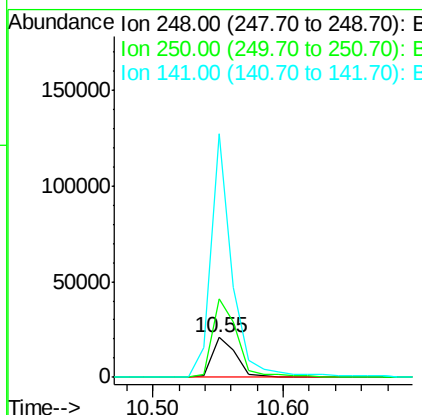
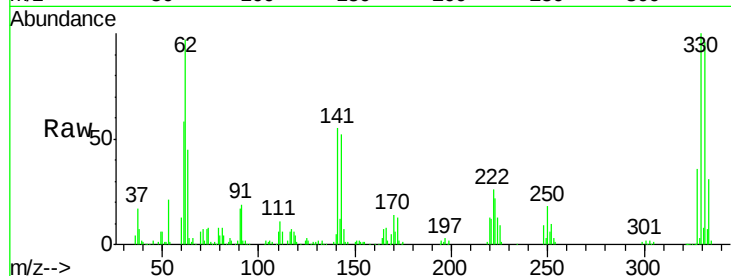




#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093643.D
Acq: 14 Mar 2017 8:02

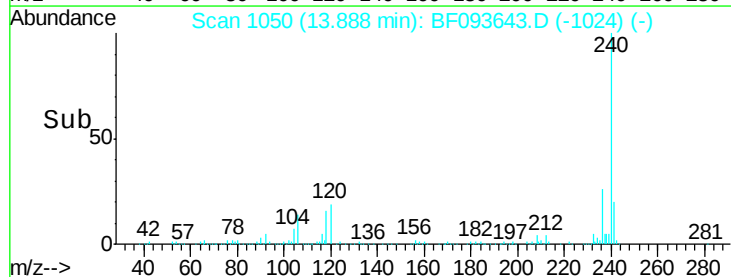
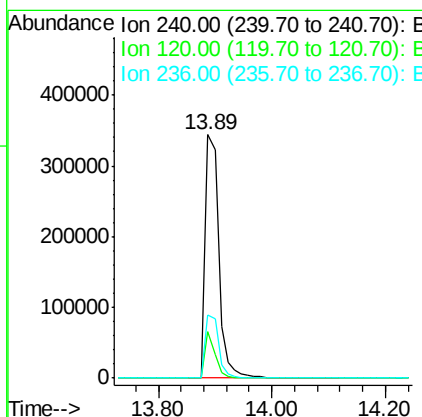
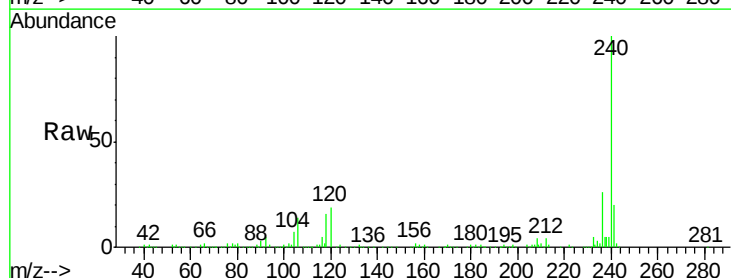
Instrument :
BNA_F
ClientSampleId :
D-119

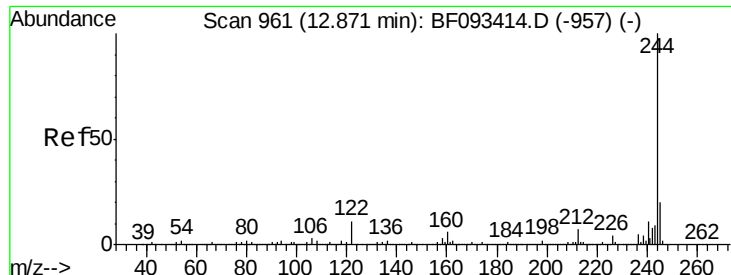
Tgt Ion:248 Resp: 27258
Ion Ratio Lower Upper
248 100
250 199.1 76.9 115.3#
141 614.1 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF093643.D
Acq: 14 Mar 2017 8:02

Tgt Ion:240 Resp: 545670
Ion Ratio Lower Upper
240 100
120 18.9 12.9 19.3
236 25.8 20.9 31.3

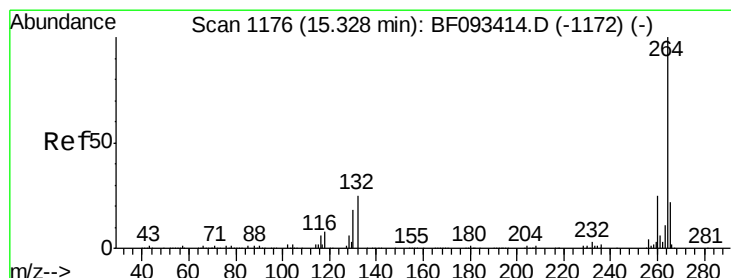
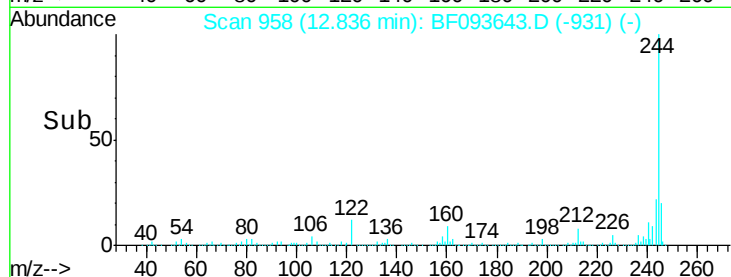
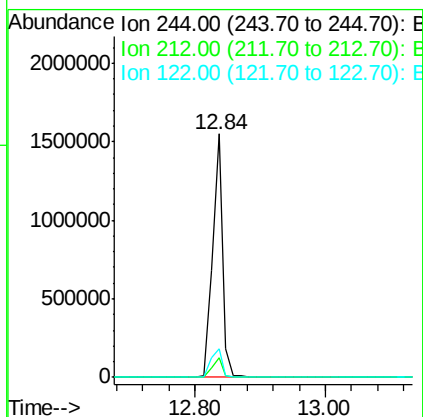
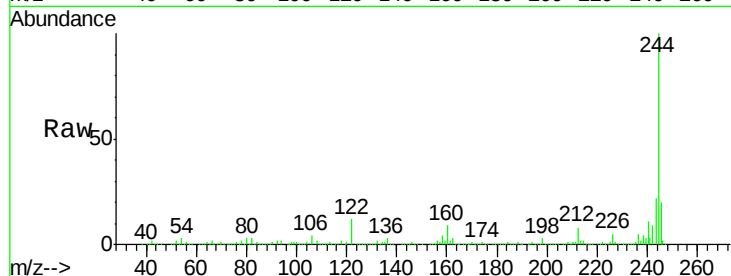




#78
 Terphenyl-d14
 Concen: 80.56 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093643.D
 Acq: 14 Mar 2017 8:02

Instrument :
 BNA_F
 ClientSampleId :
 D-119

Tgt Ion:244 Resp: 1690741
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 11.8 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: BF093643.D
 Acq: 14 Mar 2017 8:02

Tgt Ion:264 Resp: 353440
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.5 17.4 26.0

