

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093633.D
 Acq On : 14 Mar 2017 3:26
 Operator : SJ/MA
 Sample : I2199-25
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-101

Quant Time: Mar 14 04:33:18 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

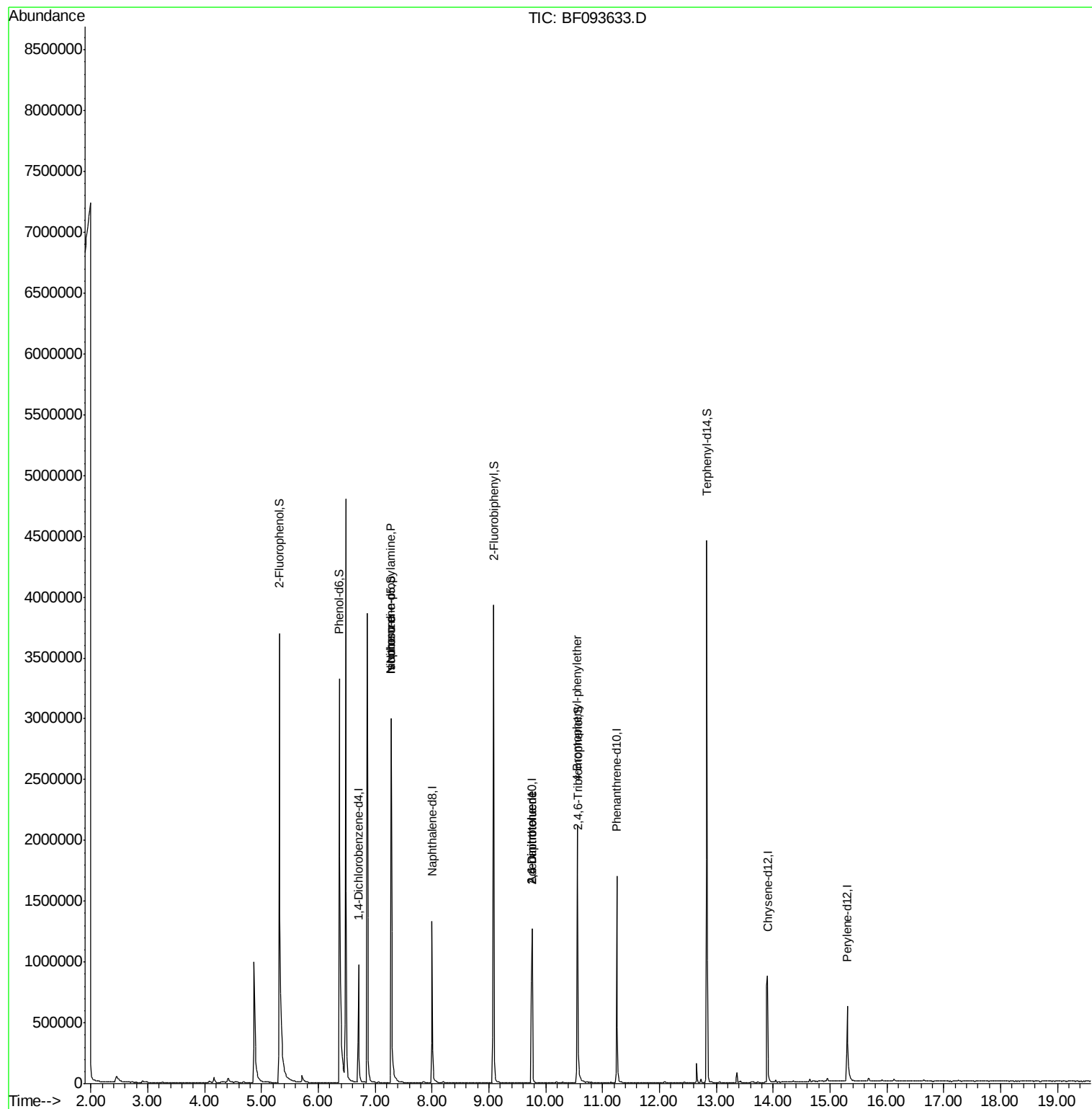
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	169575	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	696322	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	331311	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	646717	20.00	ng	0.00
75) Chrysene-d12	13.90	240	499320	20.00	ng	0.01
86) Perylene-d12	15.31	264	330194	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1470209	144.30	ng	0.00
7) Phenol-d6	6.37	99	1845133	143.61	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1185190	94.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	347865	161.16	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1902514	106.81	ng	0.00
78) Terphenyl-d14	12.84	244	1632745	85.02	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2464	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.28	70	160724	18.20	ng	# 83
25) Isophorone	7.28	82	1168291	46.16	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	42428	8.80	ng	# 32
56) 2,4-Dinitrotoluene	9.76	165	42430	7.17	ng	# 21
66) 4-Bromophenyl-phenylether	10.55	248	25281	3.70	ng	# 1

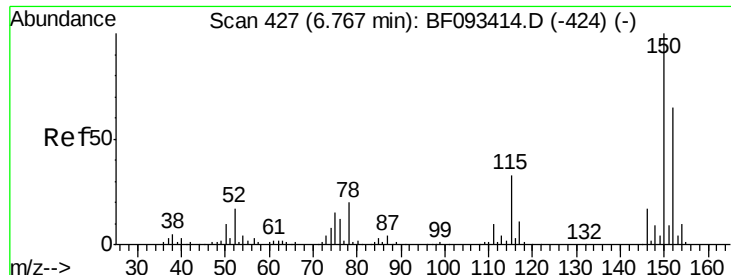
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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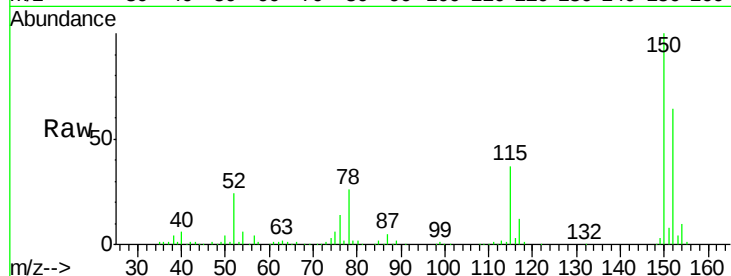




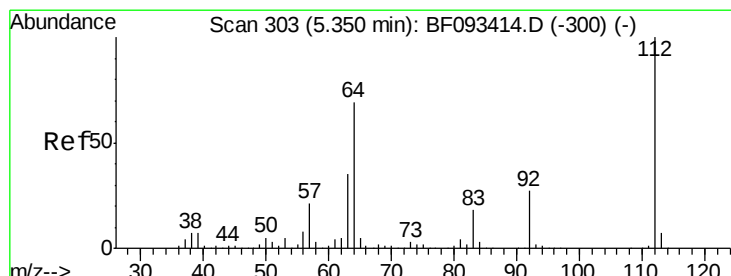
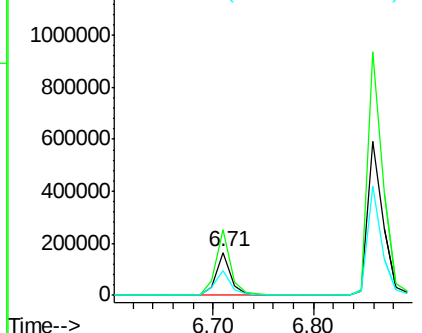
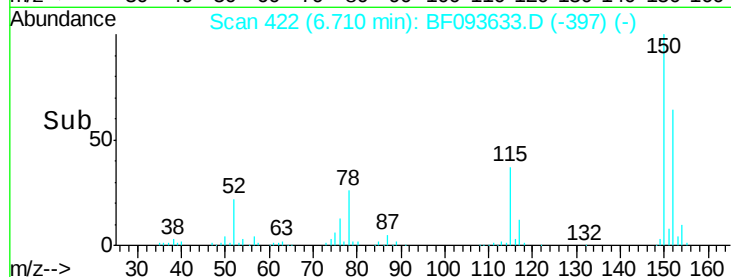
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Instrument :
 BNA_F
 ClientSampleId :
 D-101

Tgt Ion:152 Resp: 169575
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.9 187.3
 115 57.9 46.0 69.0

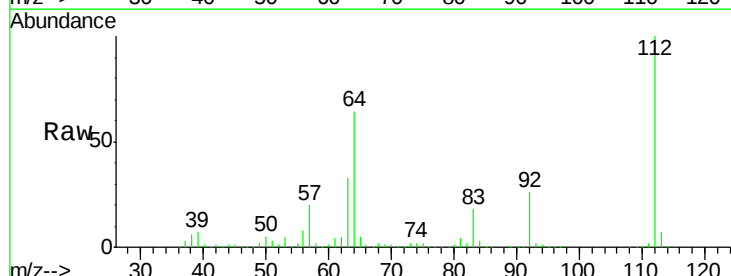


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

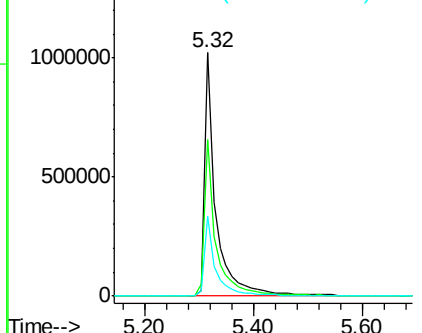
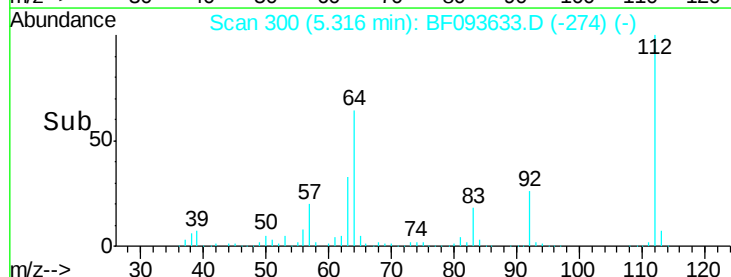


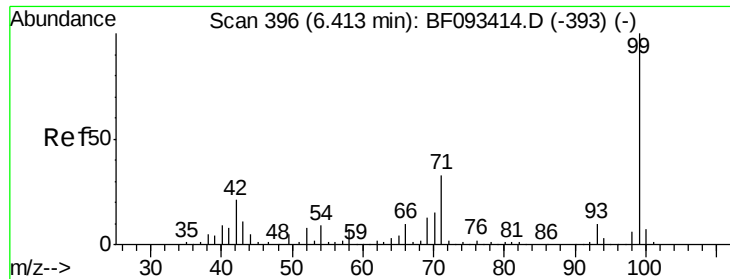
#5
 2-Fluorophenol
 Concen: 144.30 ng
 RT: 5.32 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Tgt Ion:112 Resp: 1470209
 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: 143.61 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093633.D

Acq: 14 Mar 2017 3:26

Instrument :

BNA_F

ClientSampled :

D-101

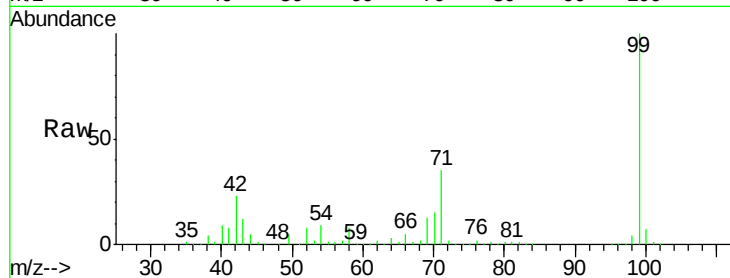
Tgt Ion: 99 Resp: 1845133

Ion Ratio Lower Upper

99 100

42 23.3 15.6 23.4

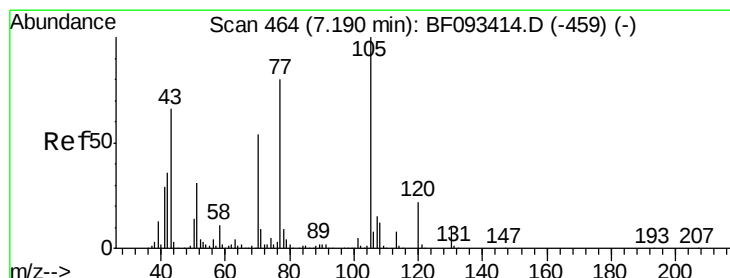
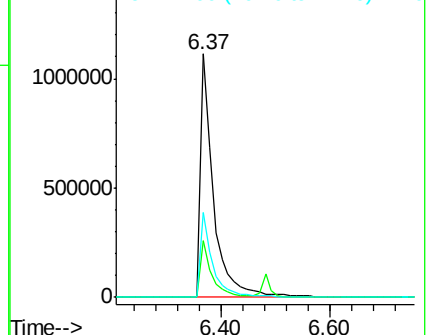
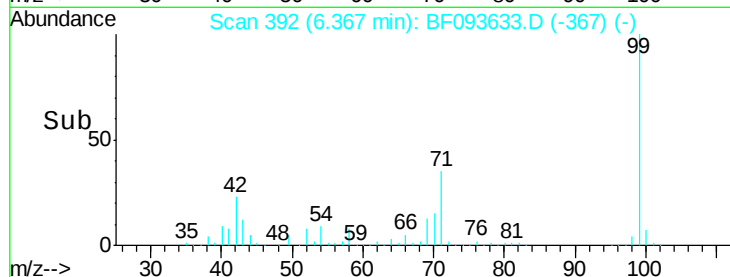
71 35.1 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.20 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093633.D

Acq: 14 Mar 2017 3:26

Tgt Ion: 70 Resp: 160724

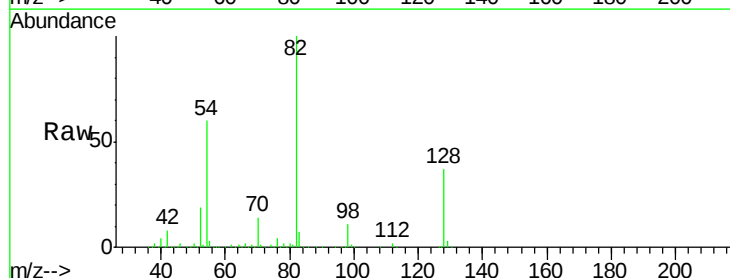
Ion Ratio Lower Upper

70 100

42 54.1 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

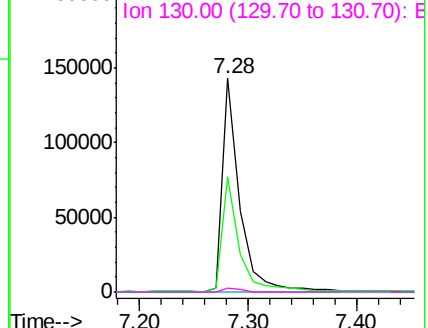
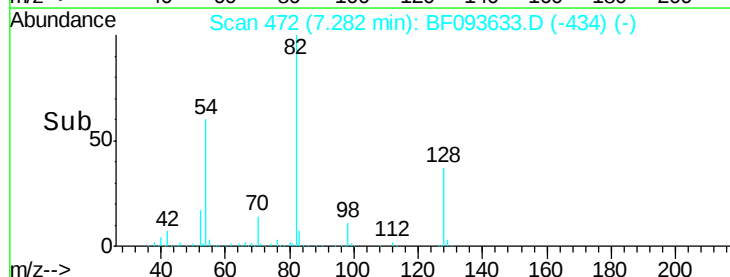


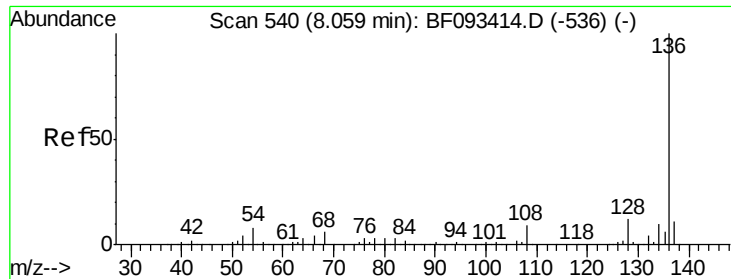
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

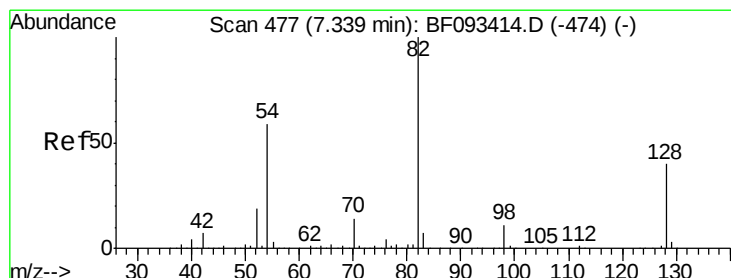
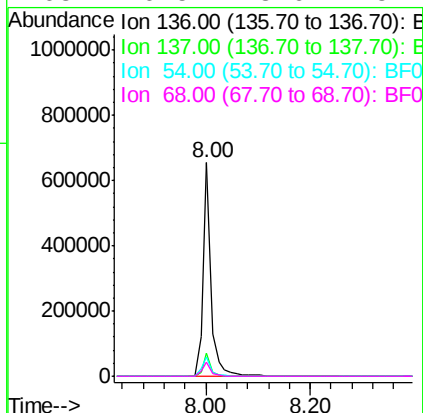
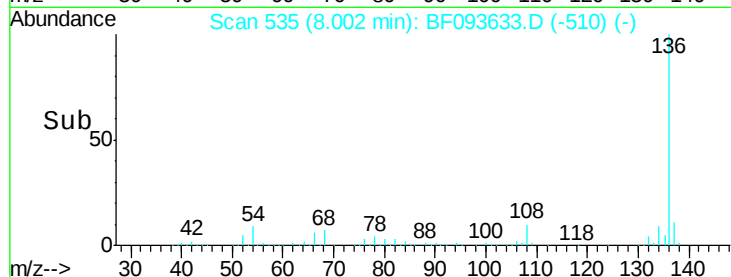
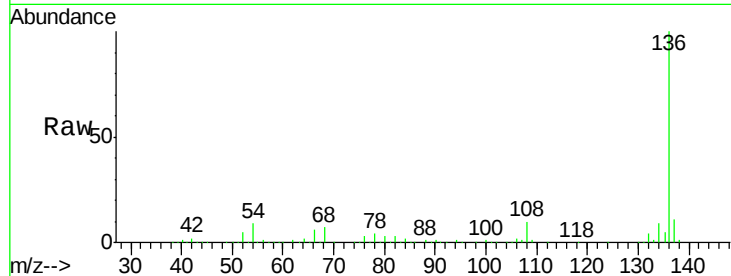




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093633.D
Acq: 14 Mar 2017 3:26

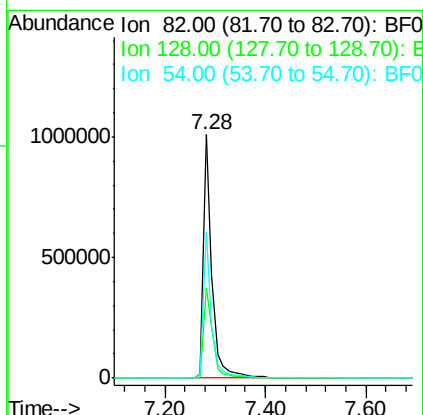
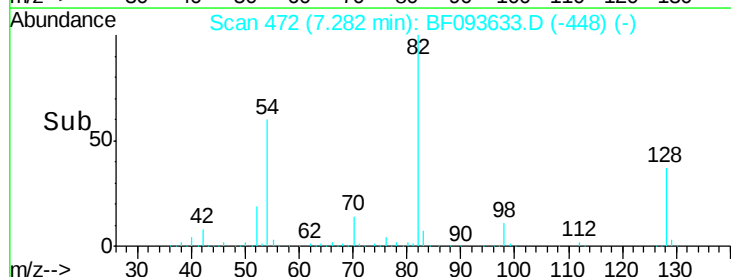
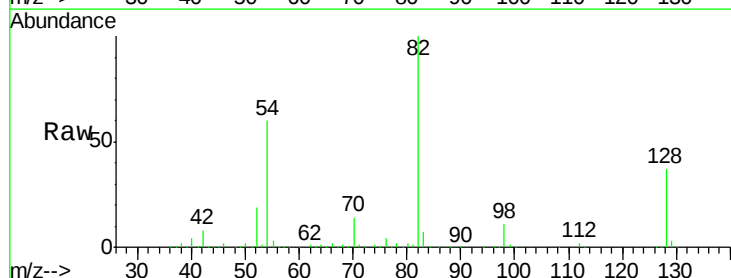
Instrument :
BNA_F
ClientSampled :
D-101

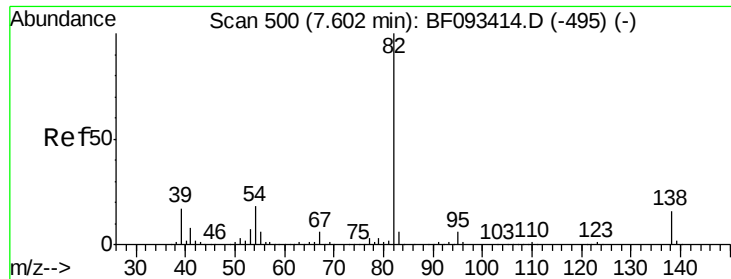
Tgt Ion:	136	Resp:	696322
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.2	4.5	6.7#
68	6.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 94.44 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093633.D
Acq: 14 Mar 2017 3:26

Tgt Ion:	82	Resp:	1185190
Ion	Ratio	Lower	Upper
82	100		
128	36.8	34.6	52.0
54	60.2	39.5	59.3#





#25

Isophorone

Concen: 46.16 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093633.D

Acq: 14 Mar 2017 3:26

Instrument :

BNA_F

ClientSampled :

D-101

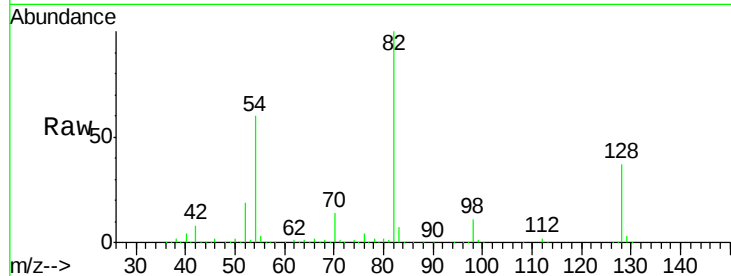
Tgt Ion: 82 Resp: 1168291

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

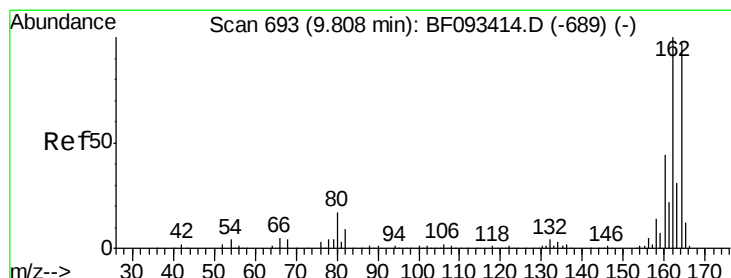
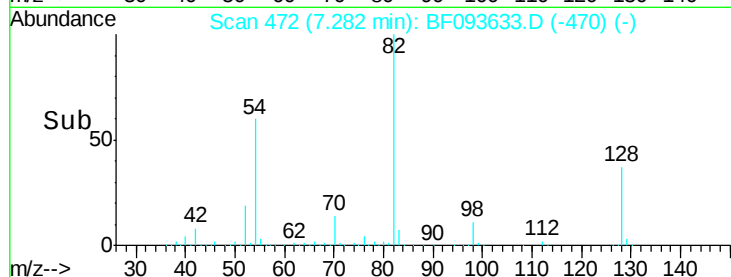
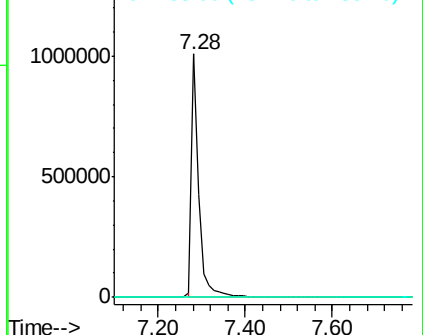
138 0.0 14.6 22.0#



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: BF093633.D

Acq: 14 Mar 2017 3:26

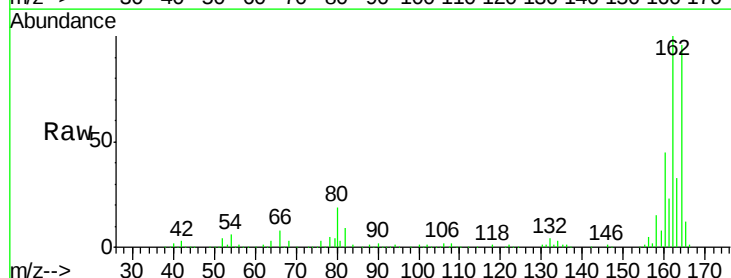
Tgt Ion: 164 Resp: 331311

Ion Ratio Lower Upper

164 100

162 104.3 80.2 120.2

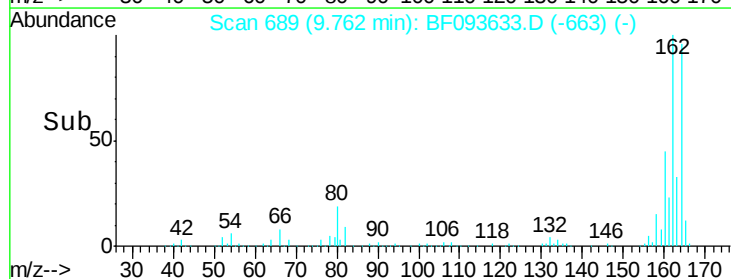
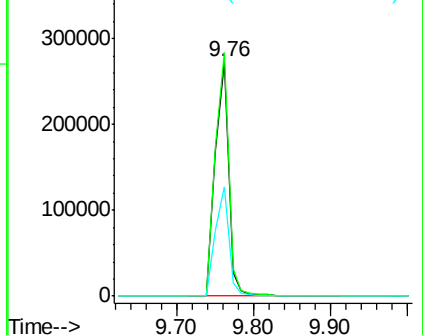
160 46.7 36.9 55.3

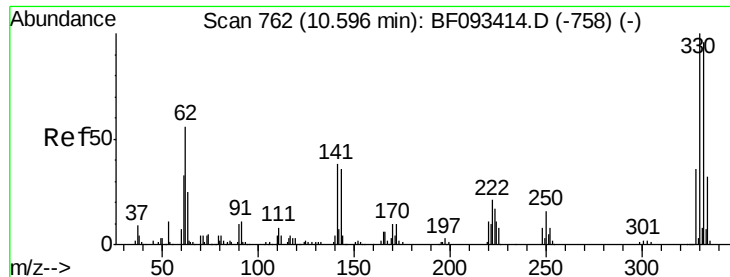


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

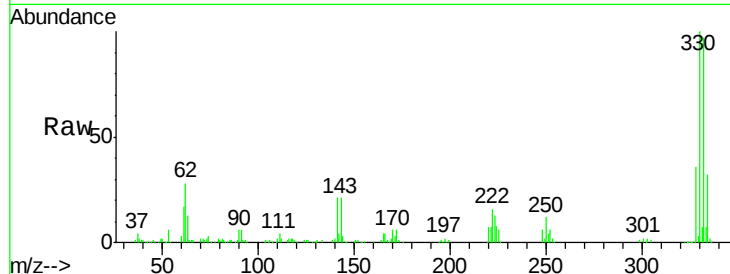




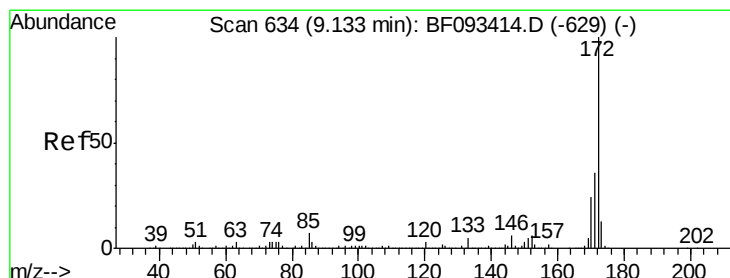
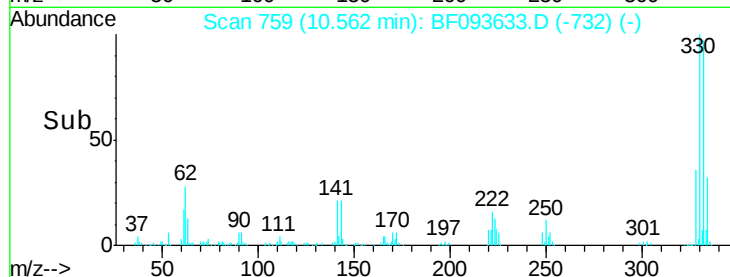
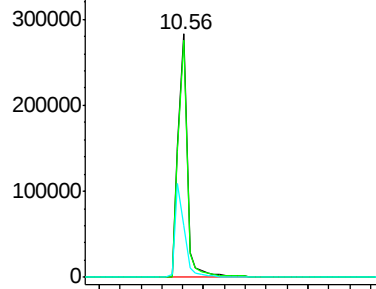
#41
 2,4,6-Tribromophenol
 Concen: 161.16 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Instrument :
 BNA_F
 ClientSampleId :
 D-101

Tgt Ion:330 Resp: 347865
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 39.9 34.1 51.1

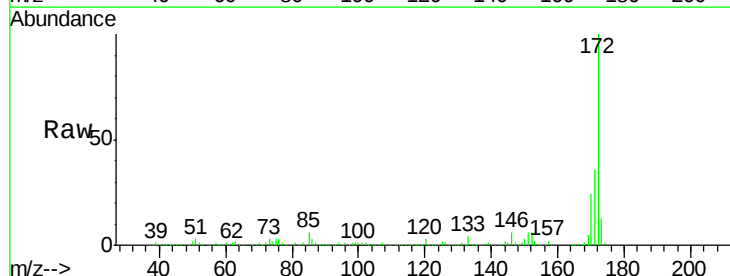


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

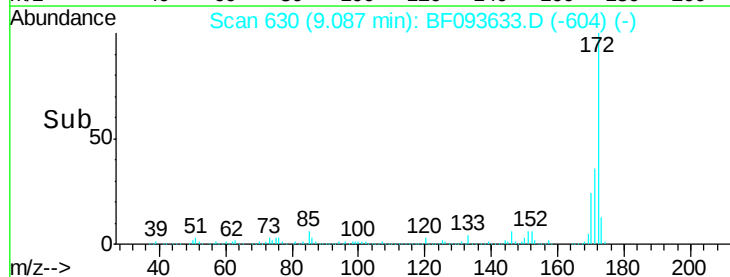
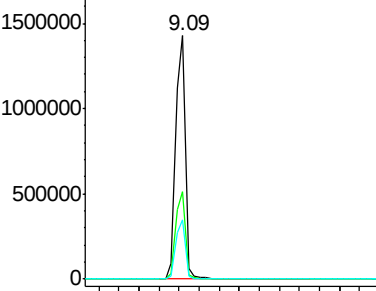


#44
 2-Fluorobiphenyl
 Concen: 106.81 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Tgt Ion:172 Resp: 1902514
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

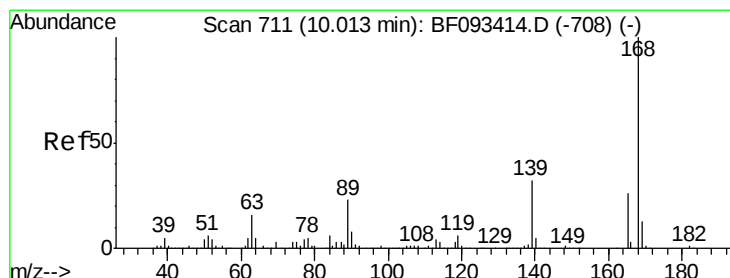
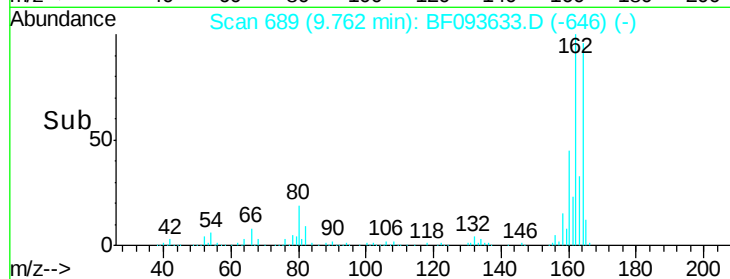
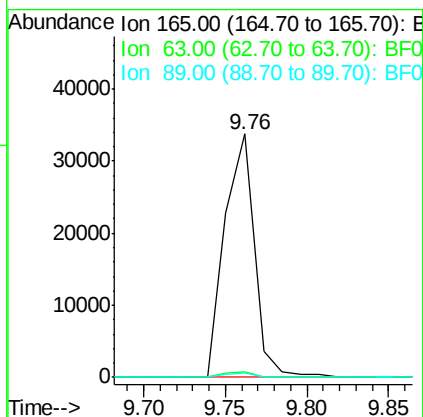
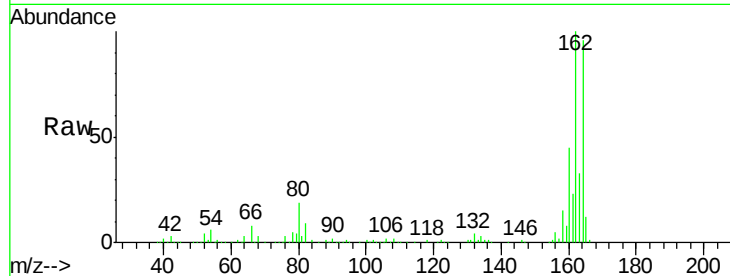




#50
 2,6-Dinitrotoluene
 Concen: 8.80 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.19 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

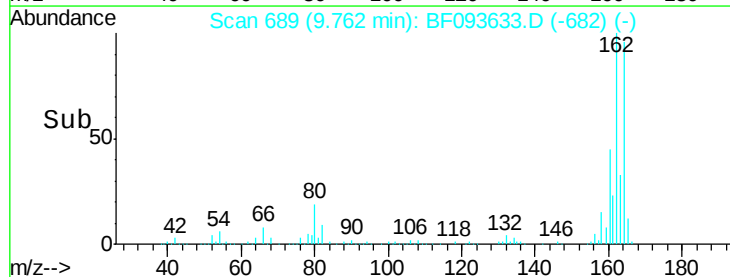
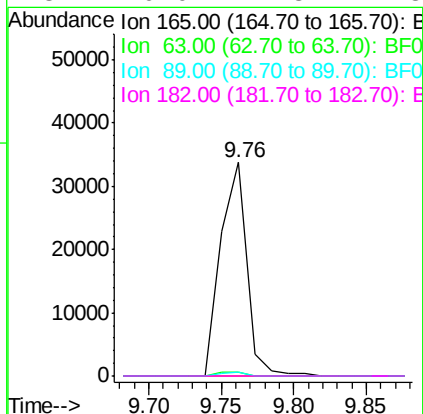
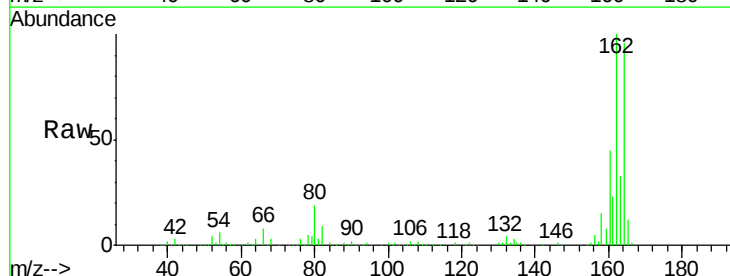
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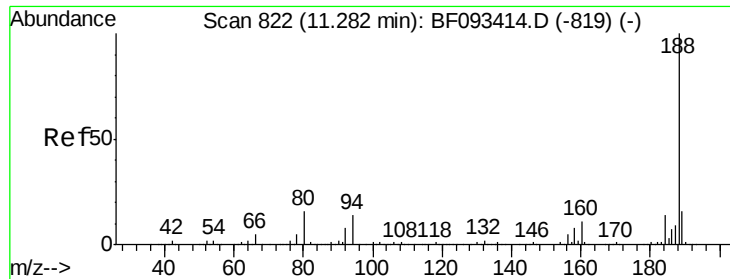
Tgt Ion:165 Resp: 42428
 Ion Ratio Lower Upper
 165 100
 63 2.0 36.2 54.4#
 89 1.8 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.22 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Tgt Ion:165 Resp: 42430
 Ion Ratio Lower Upper
 165 100
 63 2.0 40.2 60.4#
 89 1.8 62.5 93.7#
 182 0.0 1.8 2.8#

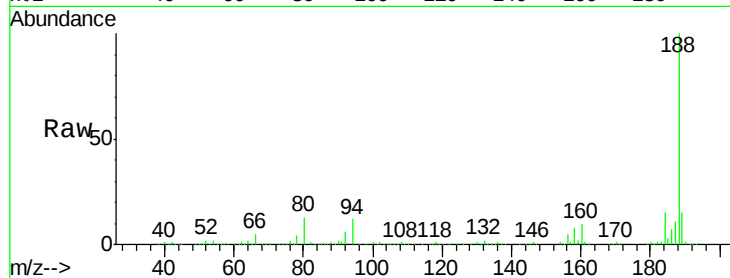




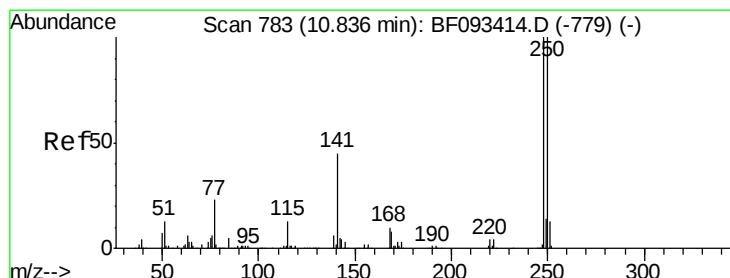
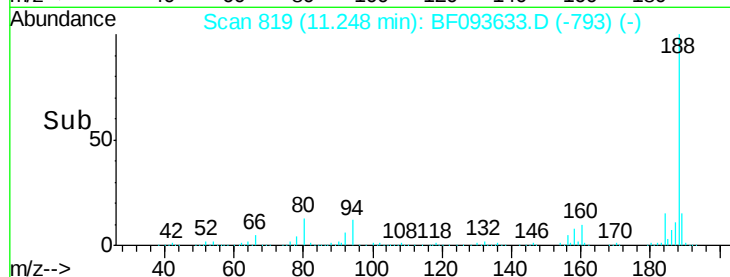
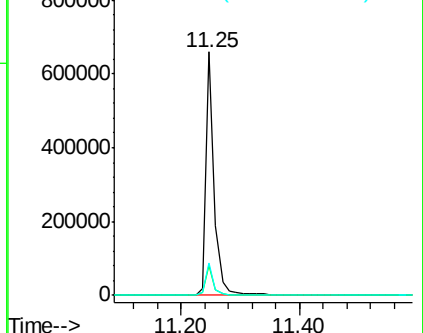
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Instrument :
 BNA_F
 ClientSampleId :
 D-101

Tgt Ion:188 Resp: 646717
 Ion Ratio Lower Upper
 188 100
 94 12.3 10.0 15.0
 80 13.2 11.2 16.8

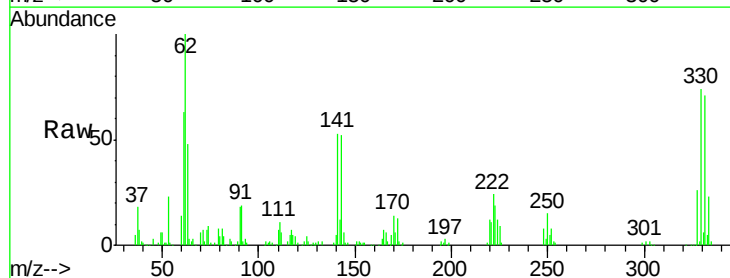


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

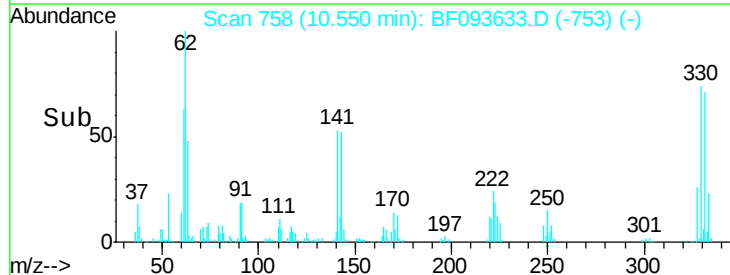
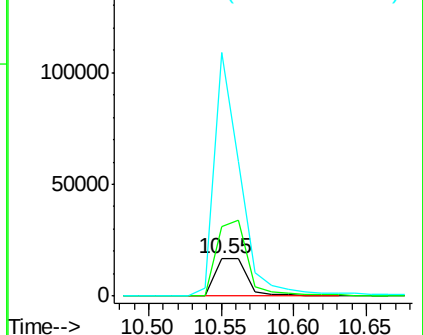


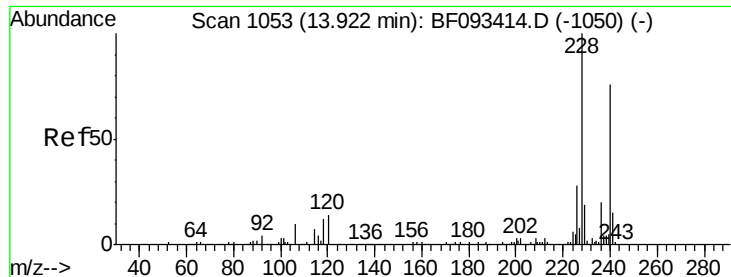
#66
 4-Bromophenyl-phenylether
 Concen: 3.70 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.24 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Tgt Ion:248 Resp: 25281
 Ion Ratio Lower Upper
 248 100
 250 185.9 76.9 115.3#
 141 656.3 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: BF093633.D

Acq: 14 Mar 2017 3:26

Instrument :

BNA_F

ClientSampleId :

D-101

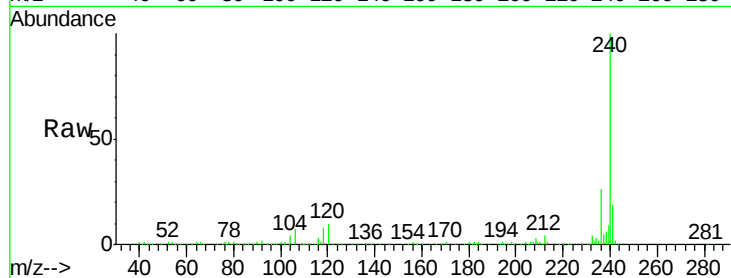
Tgt Ion:240 Resp: 499320

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

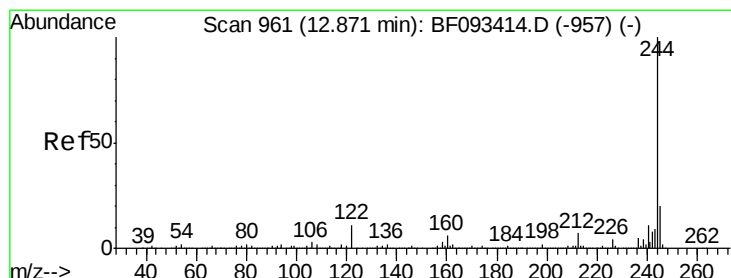
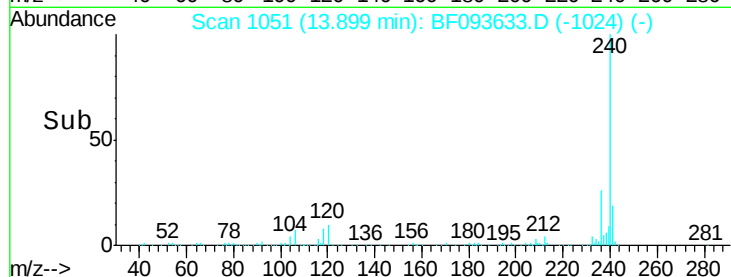
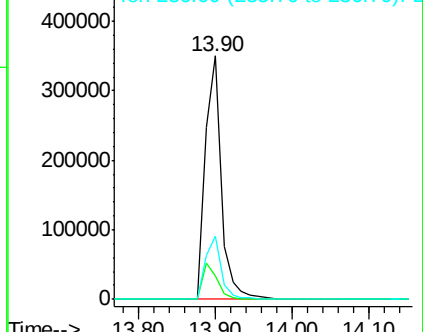
236 25.7 20.9 31.3



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: 85.02 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093633.D

Acq: 14 Mar 2017 3:26

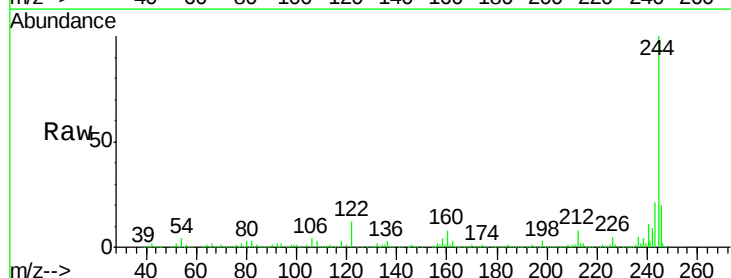
Tgt Ion:244 Resp: 1632745

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

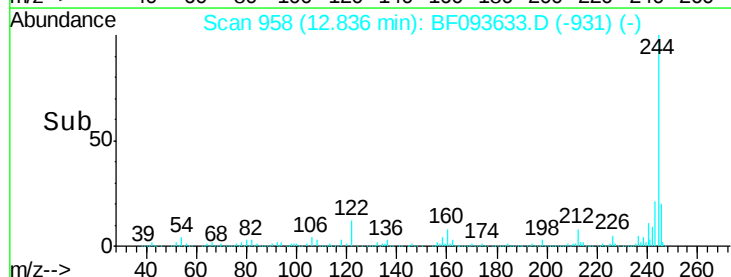
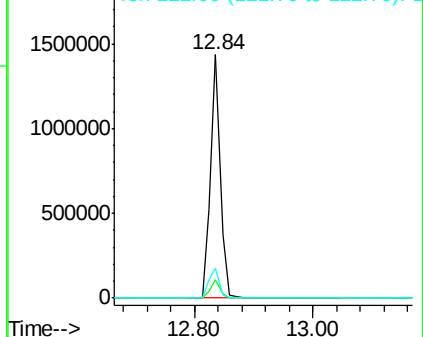
122 12.5 11.4 17.2

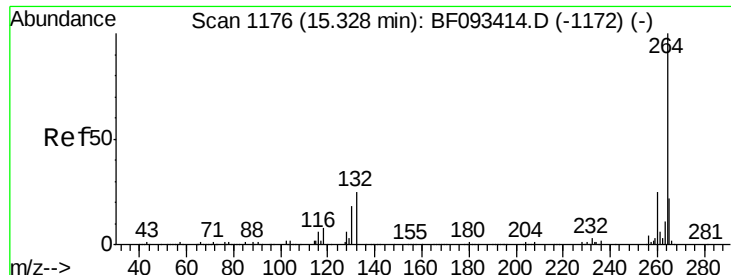


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

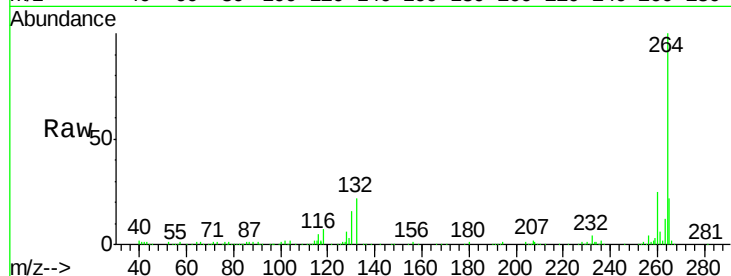




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093633.D
Acq: 14 Mar 2017 3:26

Instrument :
BNA_F
ClientSampleId :
D-101

Tgt Ion: 264 Resp: 330194
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 22.1 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

