

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094644.D
 Acq On : 26 Apr 2017 14:04
 Operator : SJ/MA
 Sample : I2805-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 01:21:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

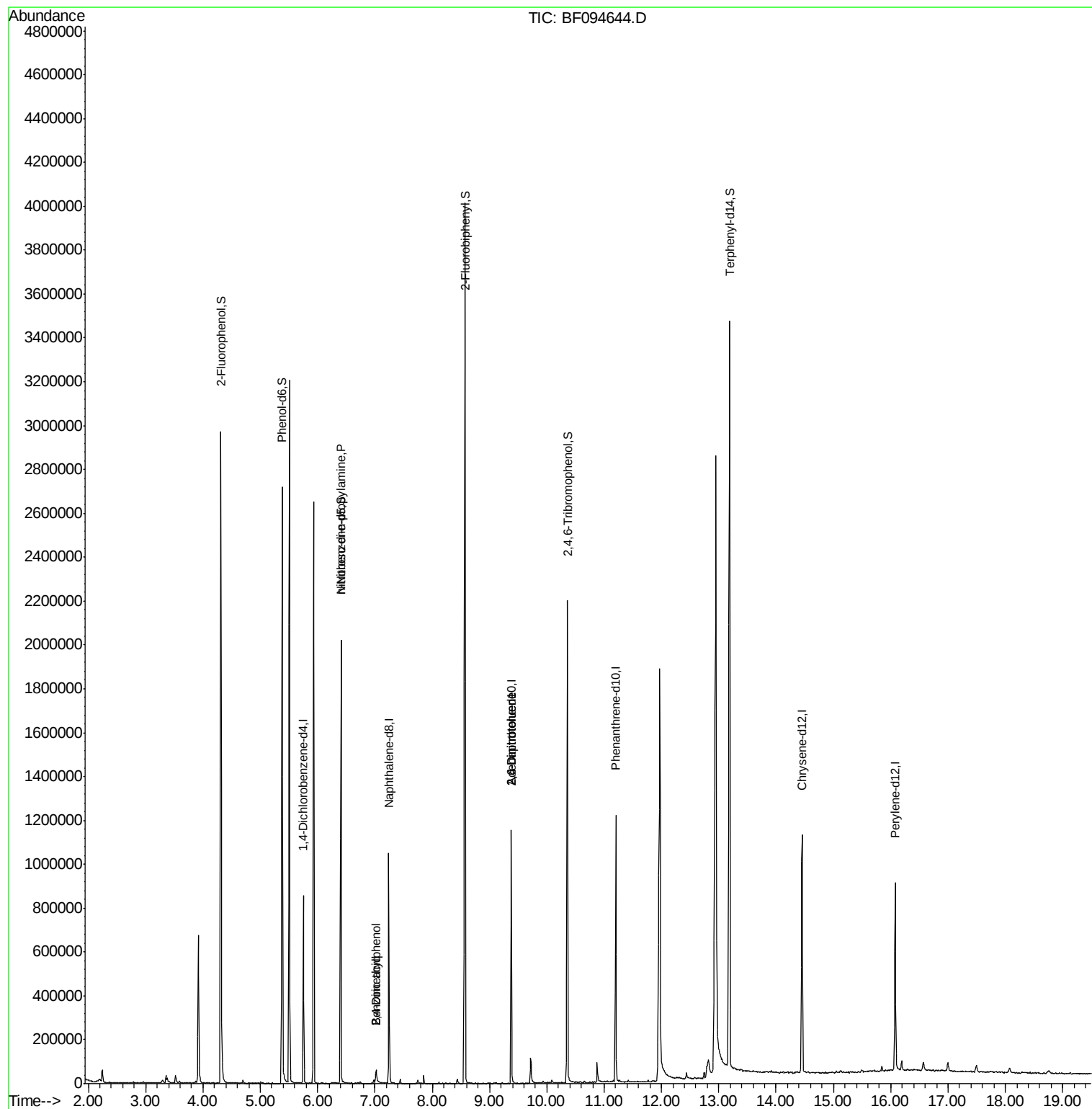
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	127854	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	519277	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	244671	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	480889	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	438541	20.00	ng	-0.01
86) Perylene-d12	16.08	264	352537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	924845	120.01	ng	0.00
7) Phenol-d6	5.38	99	1103414	121.45	ng	0.00
23) Nitrobenzene-d5	6.41	82	749400	89.11	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	302026	157.82	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1418907	85.33	ng	-0.01
78) Terphenyl-d14	13.19	244	1486183	90.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	97600	16.21	ng	# 75
27) 2,4-Dimethylphenol	7.02	122	24095	3.12	ng	# 5
32) Benzoic acid	7.02	122	24095	5.90	ng	94
50) 2,6-Dinitrotoluene	9.38	165	31603	7.72	ng	# 33
56) 2,4-Dinitrotoluene	9.38	165	31602	6.29	ng	# 33

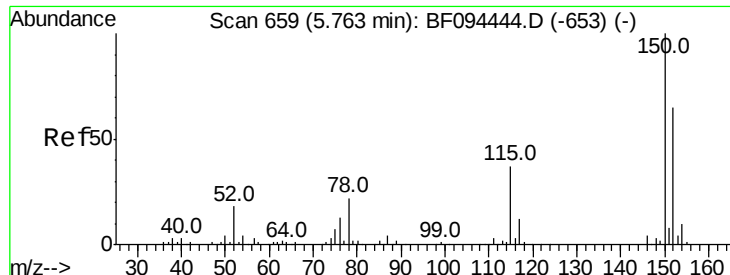
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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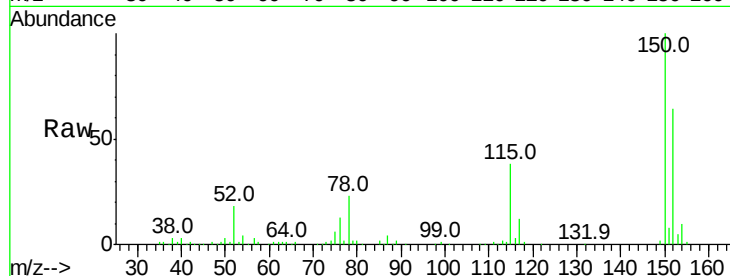


#1

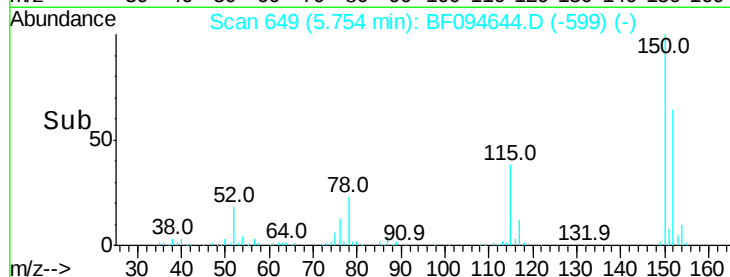
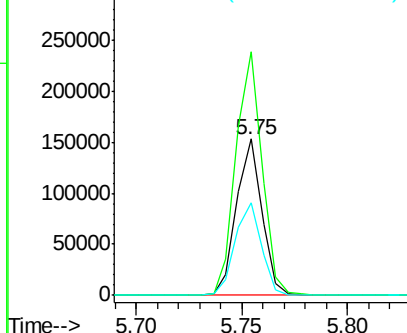
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094644.D
Acq: 26 Apr 2017 14:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127854
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 58.9 52.2 78.2



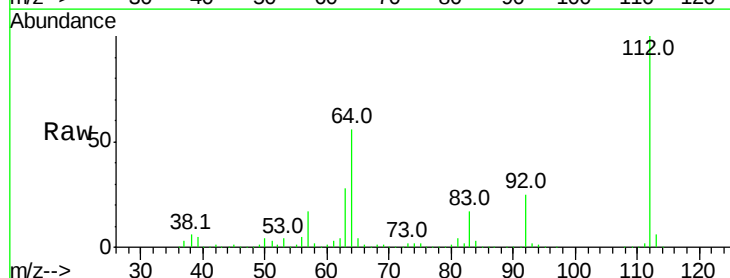
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



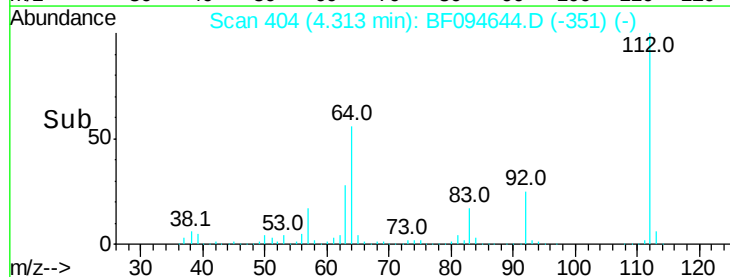
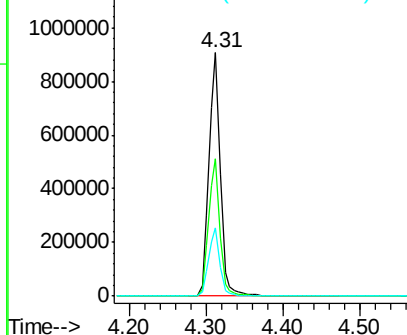
#5

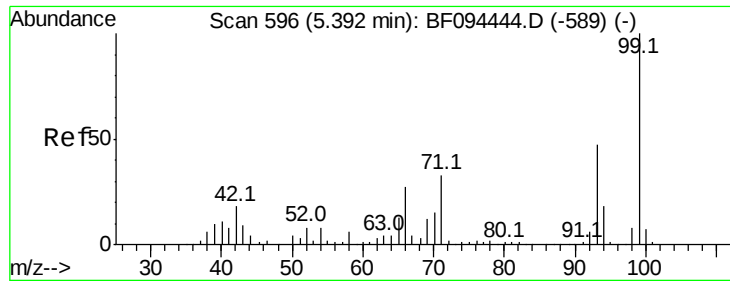
2-Fluorophenol
Concen: 120.01 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094644.D
Acq: 26 Apr 2017 14:04

Tgt Ion:112 Resp: 924845
Ion Ratio Lower Upper
112 100
64 56.5 46.0 69.0
63 27.8 23.4 35.0



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: 121.45 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094644.D

Acq: 26 Apr 2017 14:04

Instrument :

BNA_F

ClientSampled :

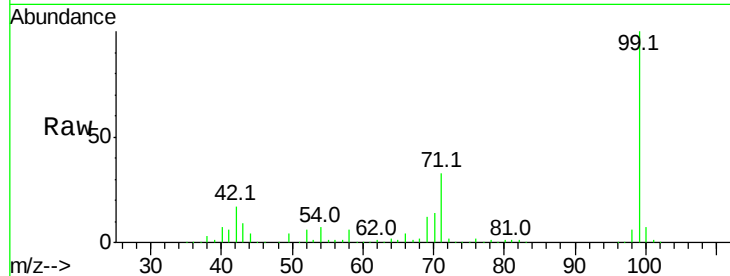
Tot Ion: 99 Resp: 1103414

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

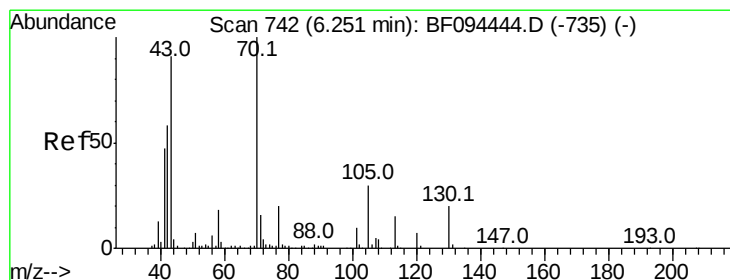
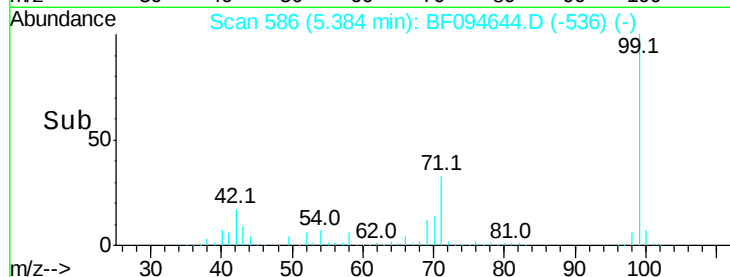
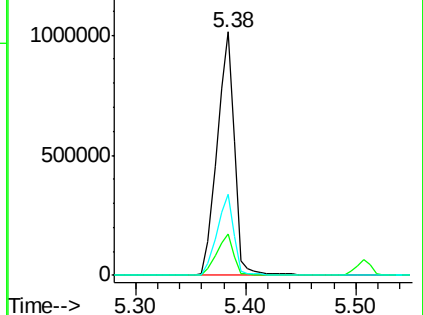
71 33.4 24.5 36.7



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: 16.21 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.16 min

Lab File: BF094644.D

Acq: 26 Apr 2017 14:04

Tgt Ion: 70 Resp: 97600

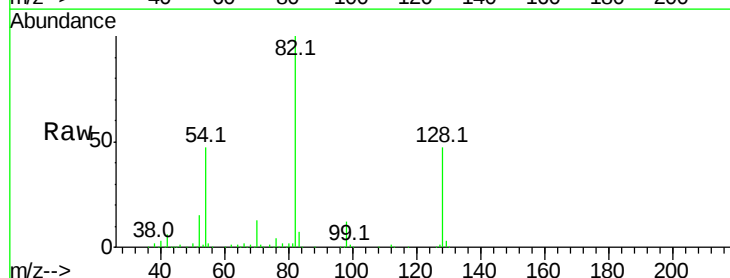
Ion Ratio Lower Upper

70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

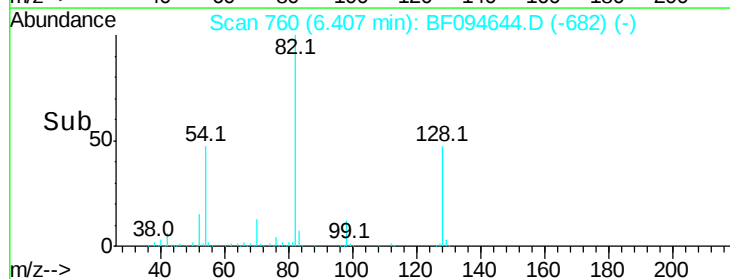
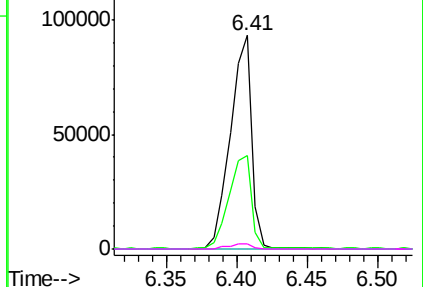


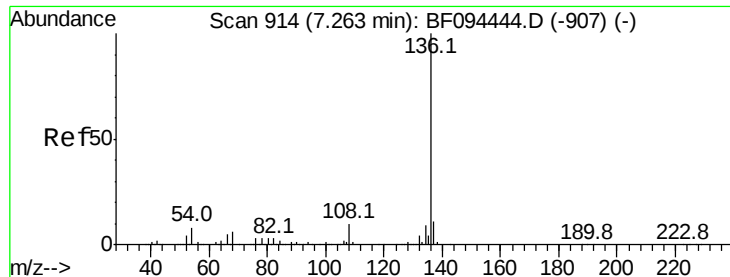
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094644.D

Acq: 26 Apr 2017 14:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 519277

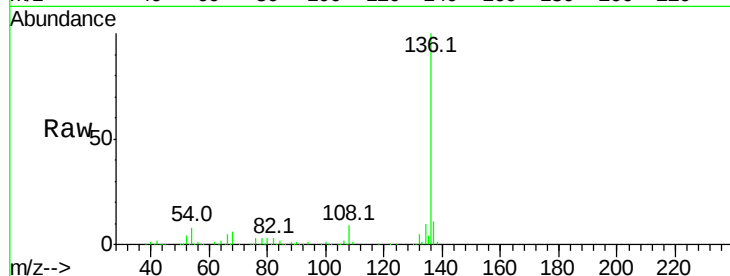
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 6.2 4.1 6.1#

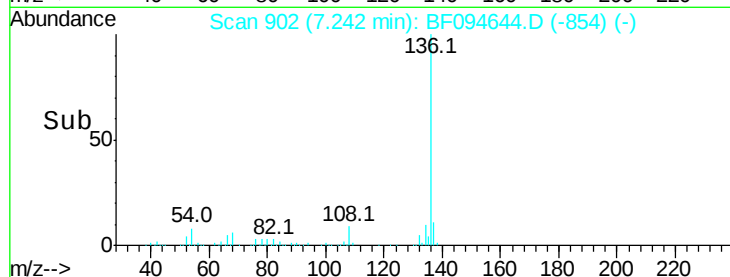


Abundance Ion 136.00 (135.70 to 136.70): E

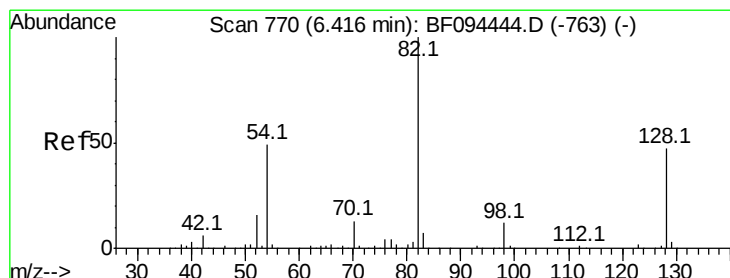
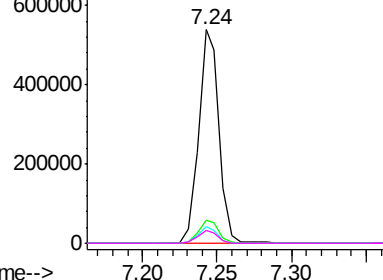
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 89.11 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094644.D

Acq: 26 Apr 2017 14:04

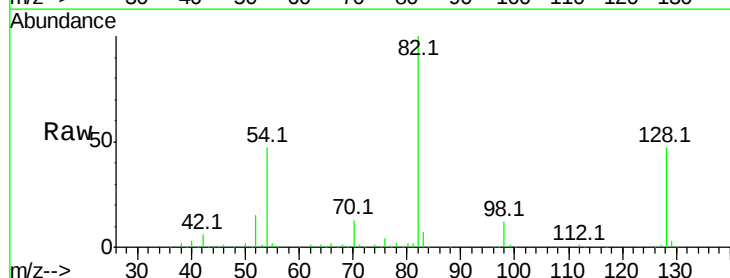
Tgt Ion: 82 Resp: 749400

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

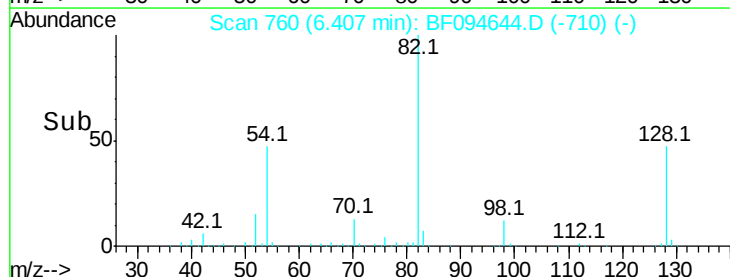
54 47.3 42.2 63.2



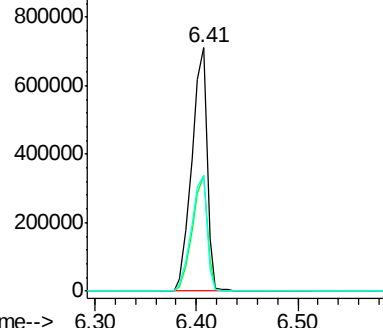
Abundance Ion 82.00 (81.70 to 82.70): BF0

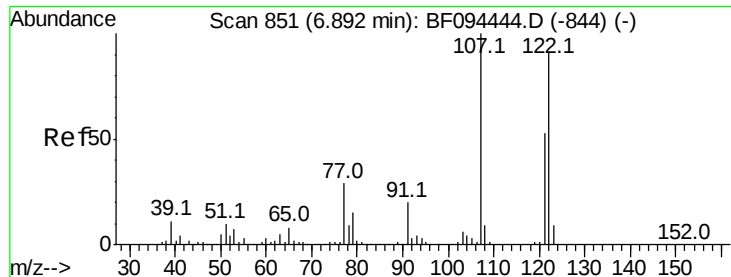
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#27

2,4-Dimethylphenol

Concen: 3.12 ng

RT: 7.02 min Scan# 864

Delta R.T. 0.13 min

Lab File: BF094644.D

Acq: 26 Apr 2017 14:04

Instrument :
BNA_F
ClientSampled :

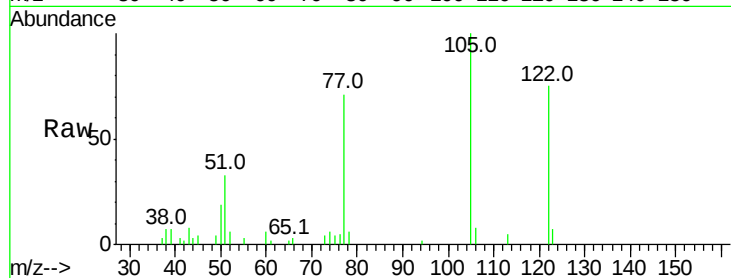
Tot Ion:122 Resp: 24095

Ion Ratio Lower Upper

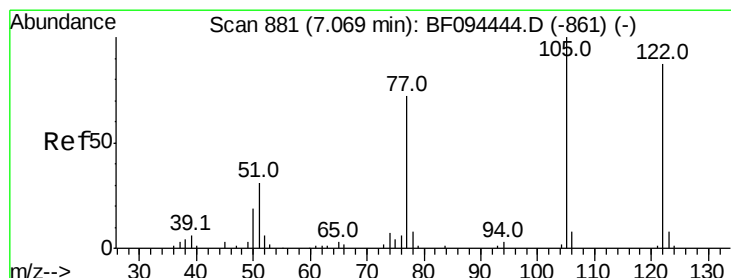
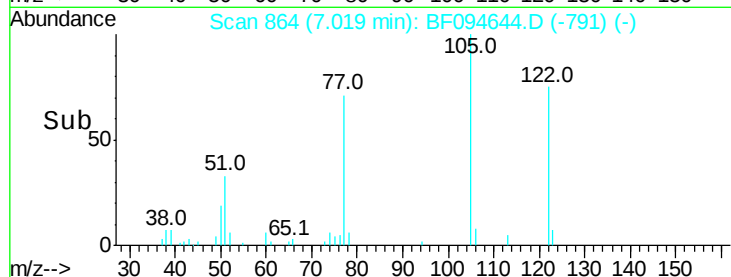
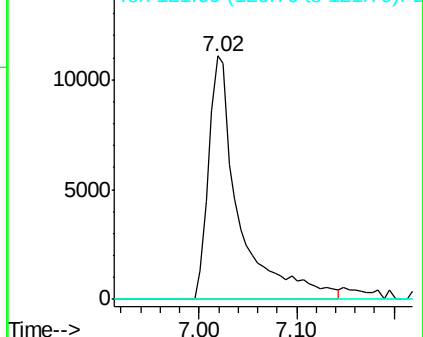
122 100

107 0.0 89.2 133.8#

121 0.0 45.2 67.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 5.90 ng

RT: 7.02 min Scan# 864

Delta R.T. -0.05 min

Lab File: BF094644.D

Acq: 26 Apr 2017 14:04

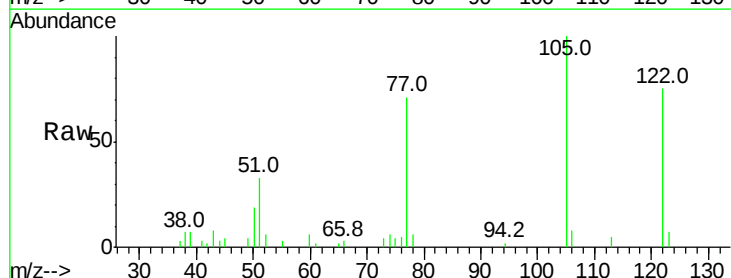
Tgt Ion:122 Resp: 24095

Ion Ratio Lower Upper

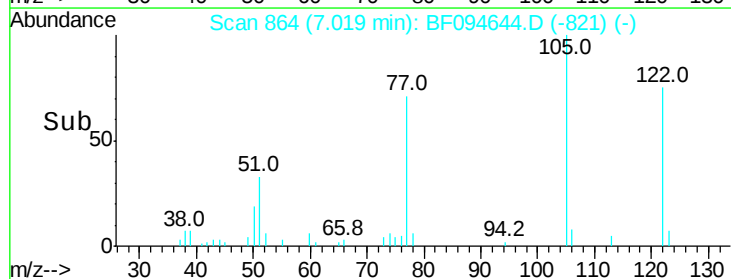
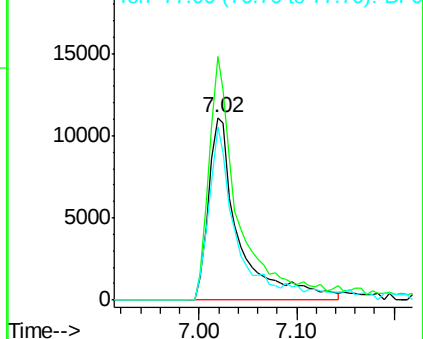
122 100

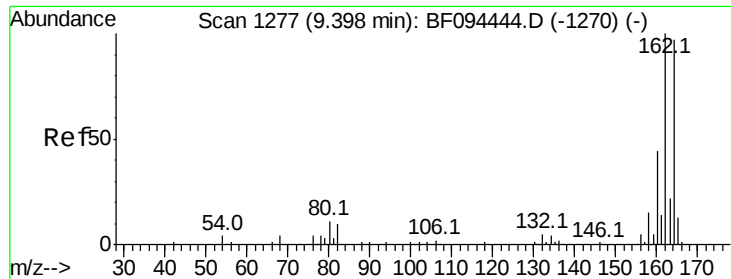
105 133.5 103.3 143.3

77 95.3 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

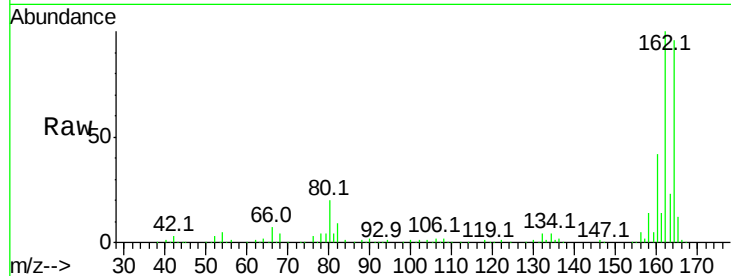




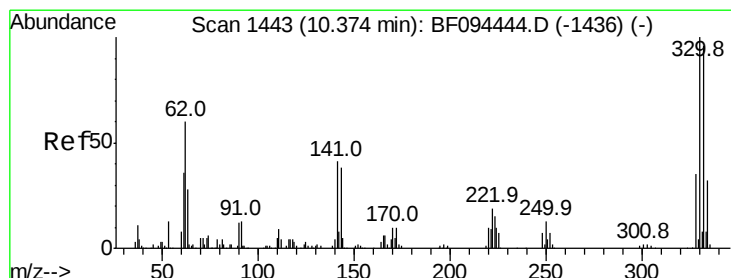
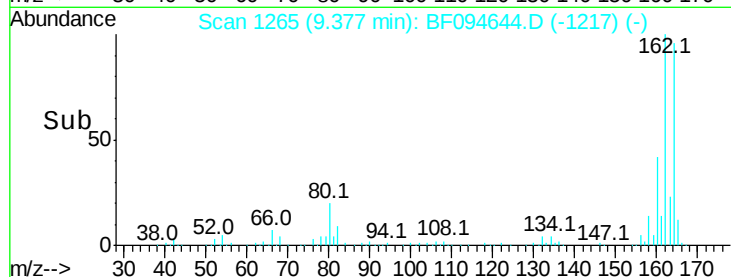
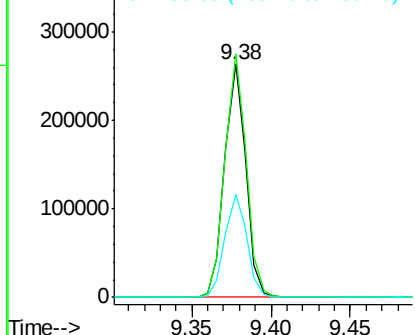
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094644.D
 Acq: 26 Apr 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 244671
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.6 123.8
 160 44.2 36.2 54.2

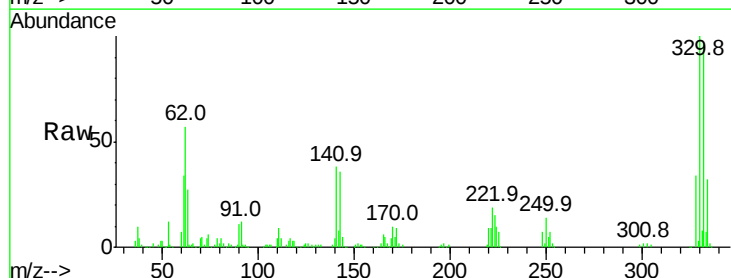


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

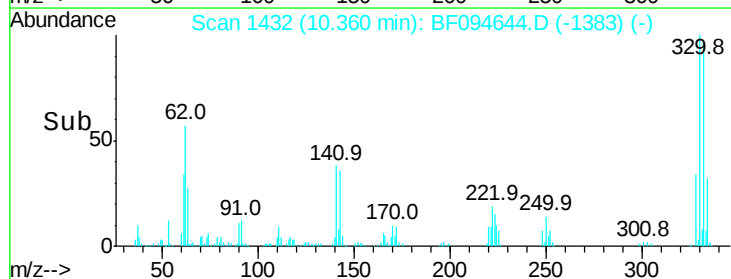
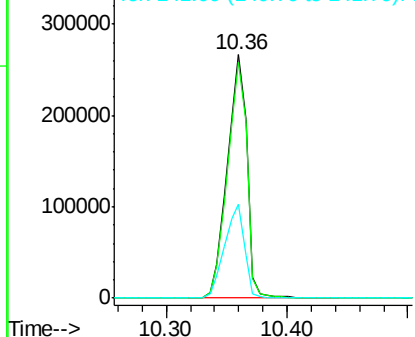


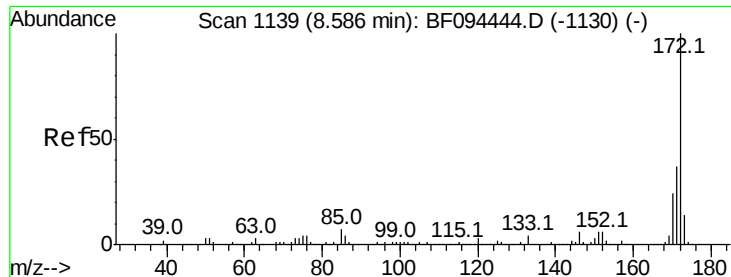
#41
 2,4,6-Tribromophenol
 Concen: 157.82 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094644.D
 Acq: 26 Apr 2017 14:04

Tgt Ion:330 Resp: 302026
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.9 31.4 47.2



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



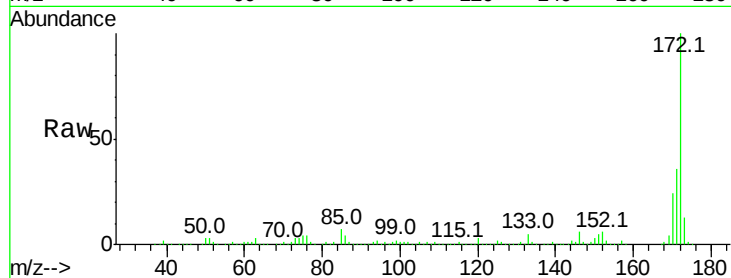


#44
 2-Fluorobiphenyl
 Concen: 85.33 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094644.D
 Acq: 26 Apr 2017 14:04

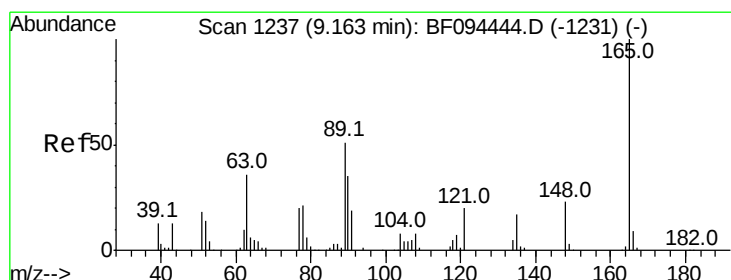
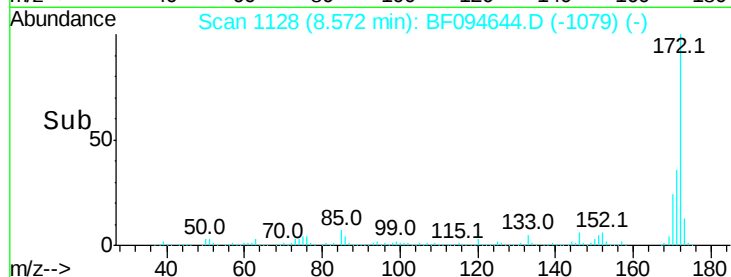
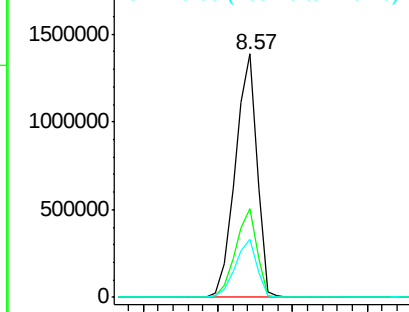
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1418907

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.8	29.8



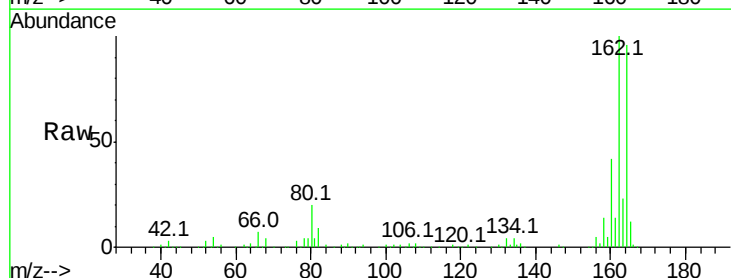
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



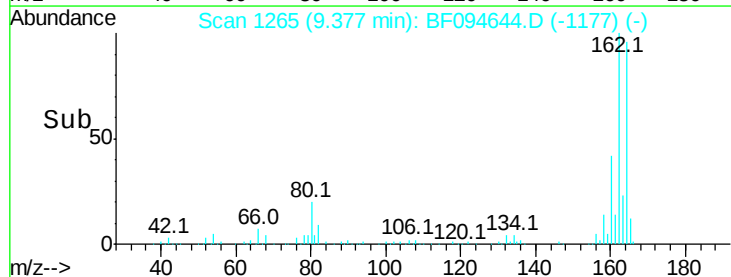
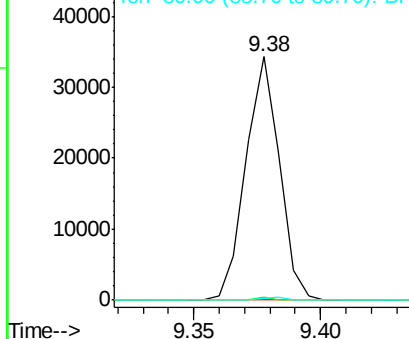
#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. 0.21 min
 Lab File: BF094644.D
 Acq: 26 Apr 2017 14:04

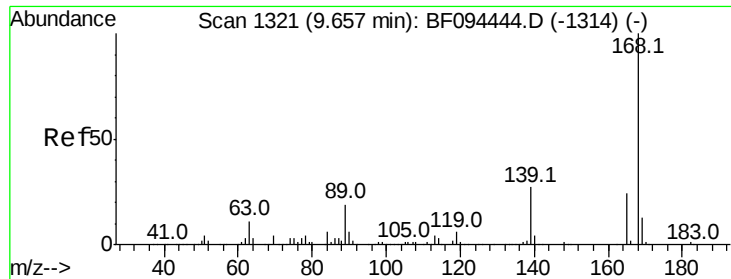
Tgt Ion:165 Resp: 31603

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.0	37.1	55.7#



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

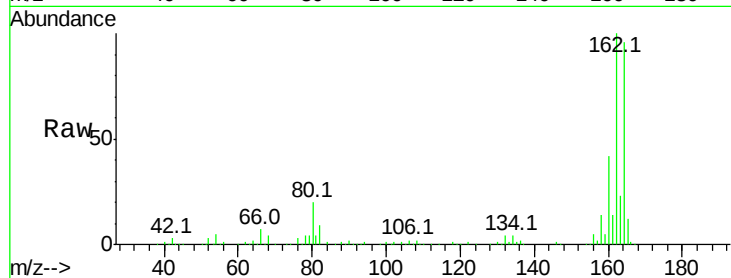




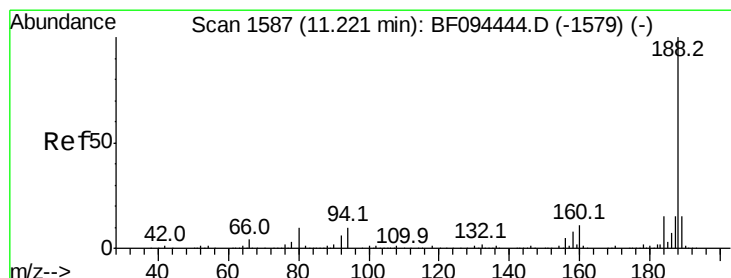
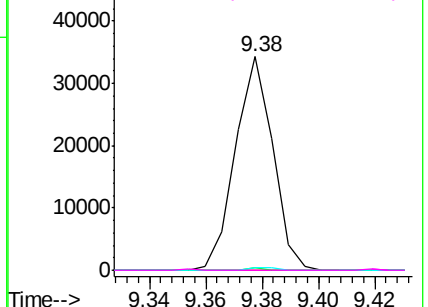
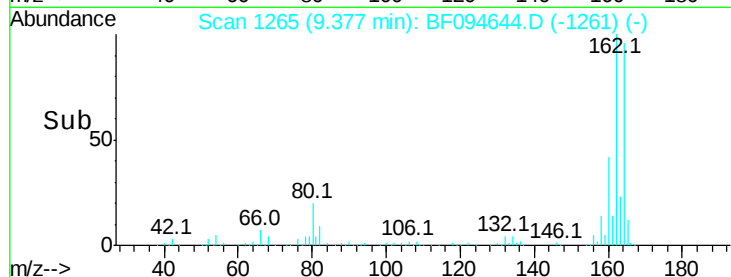
#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094644.D
 Acq: 26 Apr 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 31602
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.0 46.4 69.6#
 182 0.0 1.8 2.6#

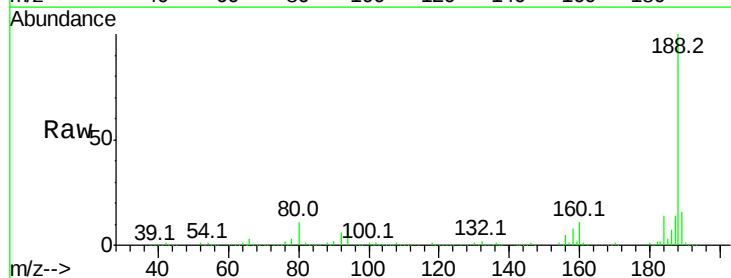


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

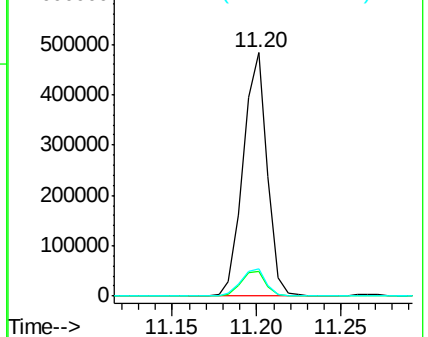
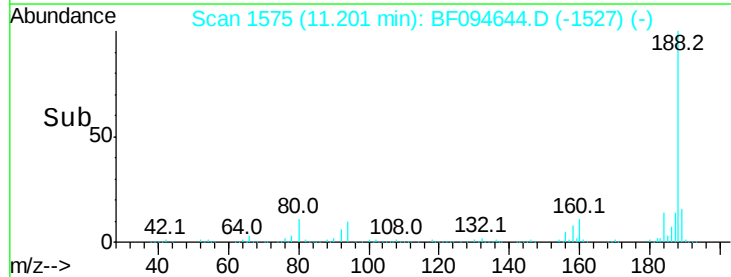


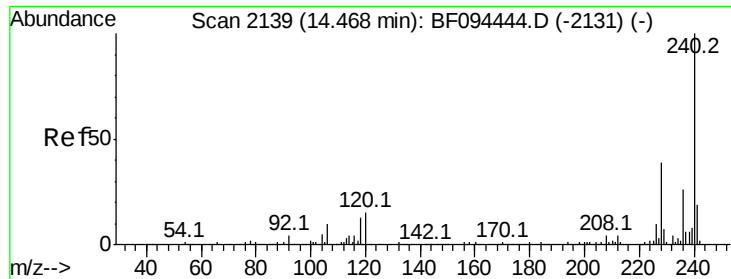
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094644.D
 Acq: 26 Apr 2017 14:04

Tgt Ion:188 Resp: 480889
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.3 10.2 15.2



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094644.D

Acq: 26 Apr 2017 14:04

Instrument :

BNA_F

ClientSampleId :

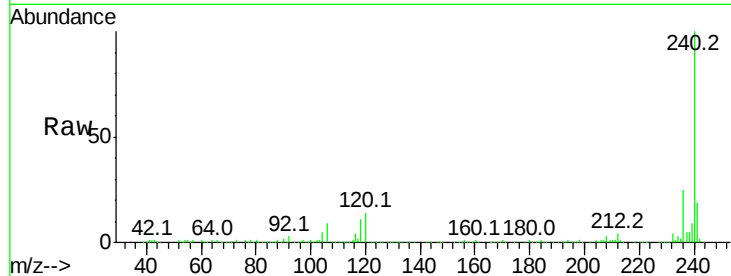
Tot Ion:240 Resp: 438541

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

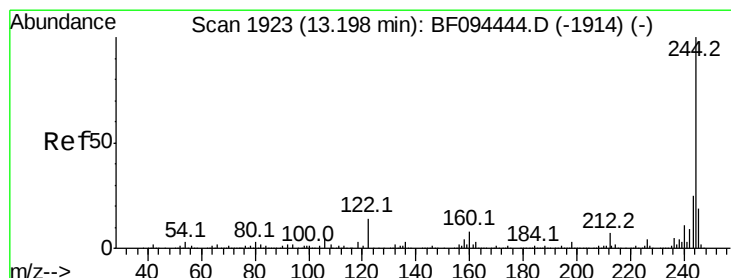
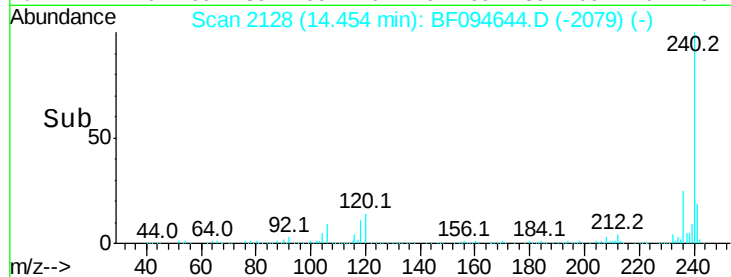
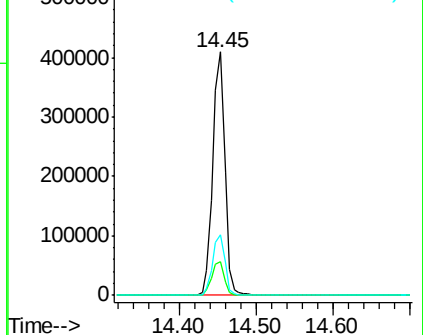
236 24.8 20.5 30.7



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: 90.58 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094644.D

Acq: 26 Apr 2017 14:04

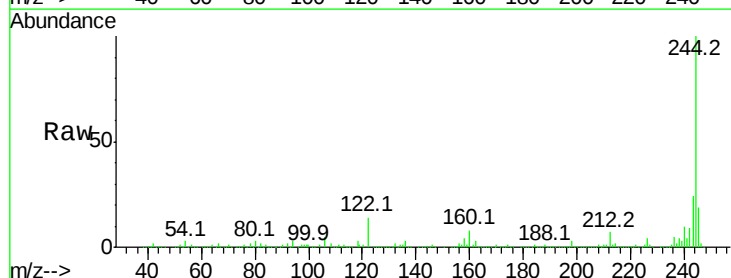
Tgt Ion:244 Resp: 1486183

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

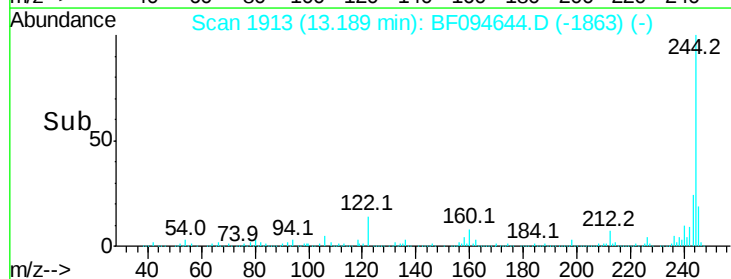
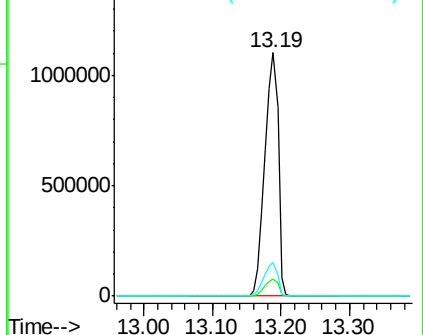
122 13.9 10.3 15.5

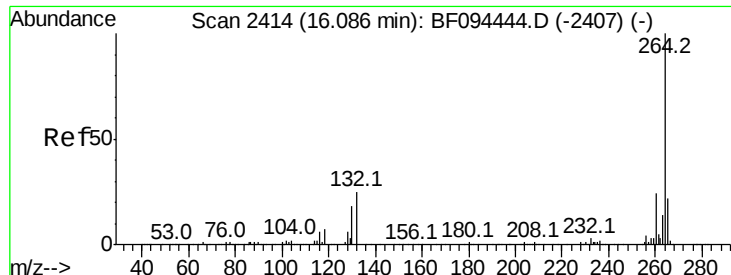


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

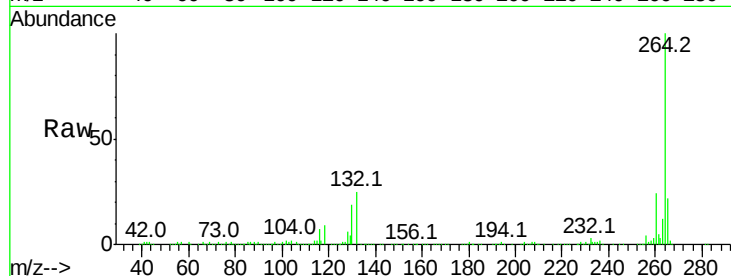




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094644.D
Acq: 26 Apr 2017 14:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.4	17.2	25.8



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

