

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094264.D
 Acq On : 7 Apr 2017 10:07
 Operator : SJ/MA
 Sample : I2574-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 07 13:29:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

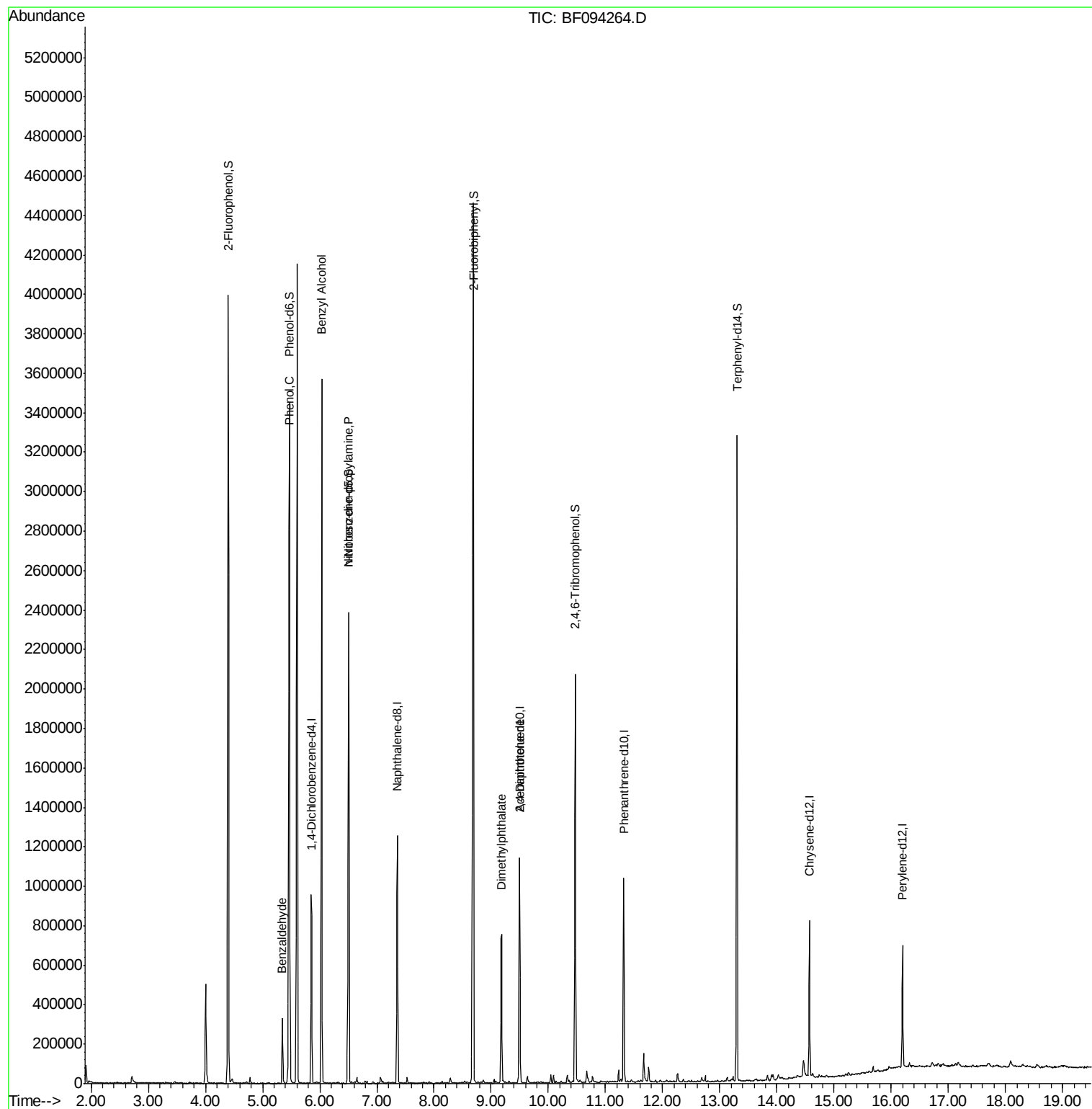
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	153363	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	607315	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	262624	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	419091	20.00	ng	0.00
75) Chrysene-d12	14.57	240	296071	20.00	ng	0.00
86) Perylene-d12	16.20	264	247596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1336348	147.17	ng	0.01
7) Phenol-d6	5.47	99	1691617	150.60	ng	0.00
23) Nitrobenzene-d5	6.50	82	1045304	98.23	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	304369	146.66	ng	0.00
44) 2-Fluorobiphenyl	8.69	172	1793151	104.14	ng	0.00
78) Terphenyl-d14	13.30	244	1215286	92.01	ng	0.00
Target Compounds						
9) Benzaldehyde	5.35	77	65439	8.63	ng	99
10) Phenol	5.48	94	107227	8.39	ng	91
15) Benzyl Alcohol	6.03	79	17647	2.15	ng	# 42
19) n-Nitroso-di-n-propylamine	6.50	70	139948	19.38	ng	# 78
49) Dimethylphthalate	9.18	163	359580	19.26	ng	98
56) 2,4-Dinitrotoluene	9.49	165	34412	6.40	ng	# 33

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

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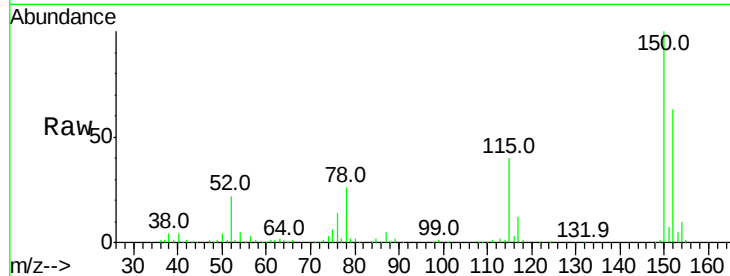


#1

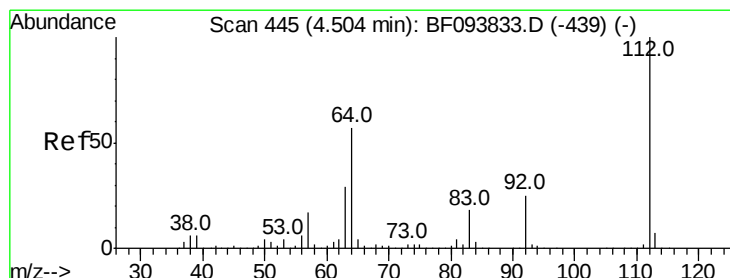
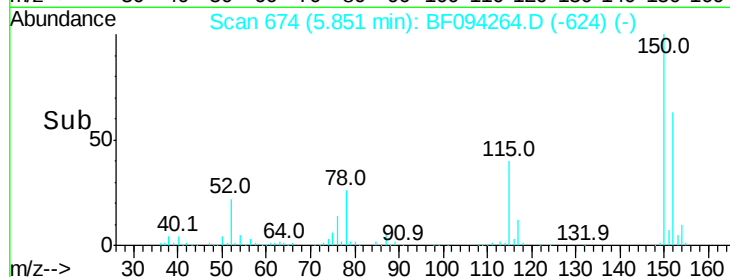
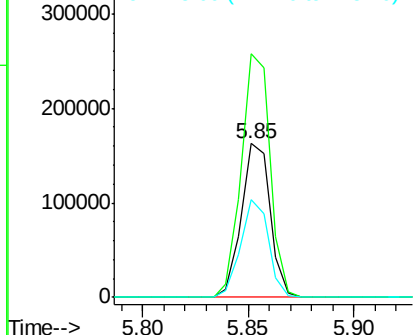
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094264.D
Acq: 7 Apr 2017 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153363
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 63.5 52.2 78.2



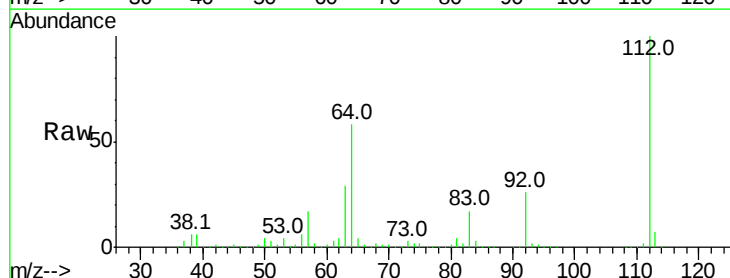
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



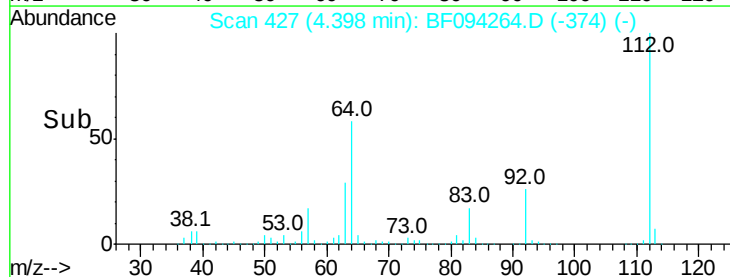
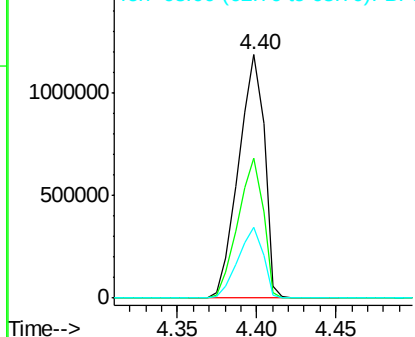
#5

2-Fluorophenol
Concen: 147.17 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094264.D
Acq: 7 Apr 2017 10:07

Tgt Ion:112 Resp: 1336348
Ion Ratio Lower Upper
112 100
64 57.5 46.0 69.0
63 29.4 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: 150.60 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094264.D

Acq: 7 Apr 2017 10:07

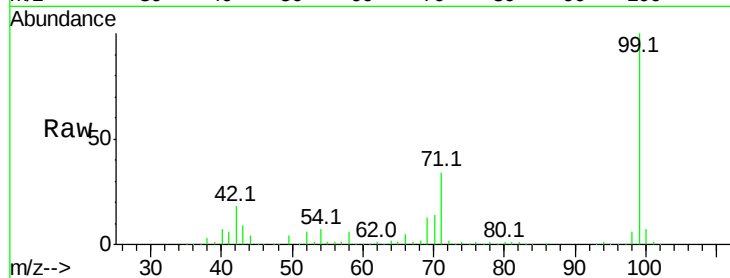
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1691617

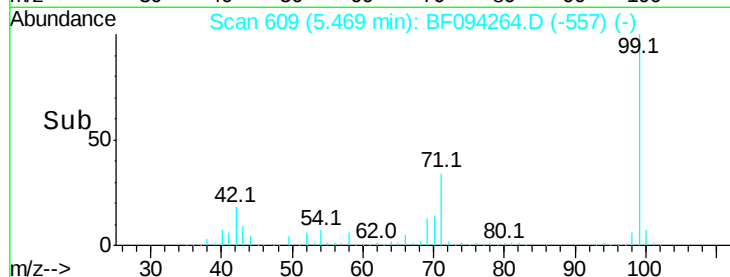
Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	33.5	24.5	36.7



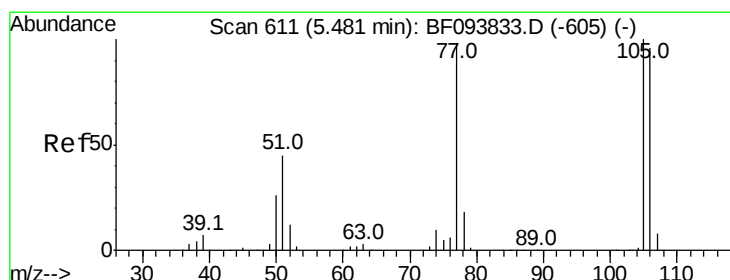
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#9

Benzaldehyde

Concen: 8.63 ng

RT: 5.35 min Scan# 588

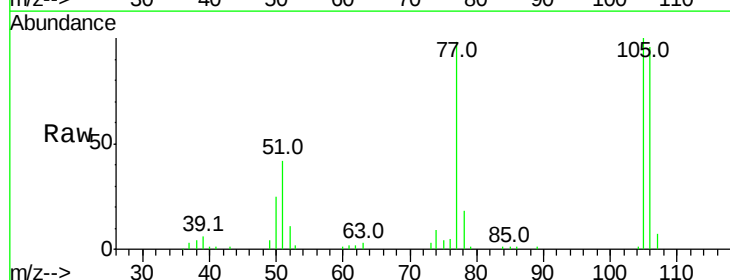
Delta R.T. -0.01 min

Lab File: BF094264.D

Acq: 7 Apr 2017 10:07

Tgt Ion: 77 Resp: 65439

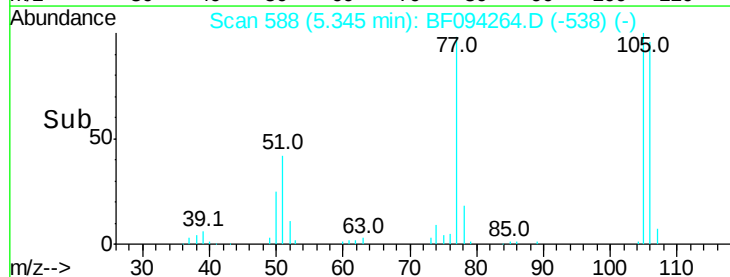
Ion	Ratio	Lower	Upper
77	100		
105	102.2	83.8	123.8
106	97.8	79.1	119.1



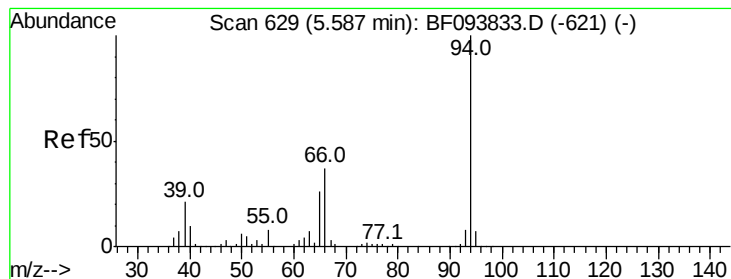
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->



#10

Phenol

Concen: 8.39 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094264.D

Acq: 7 Apr 2017 10:07

Instrument :

BNA_F

ClientSampled :

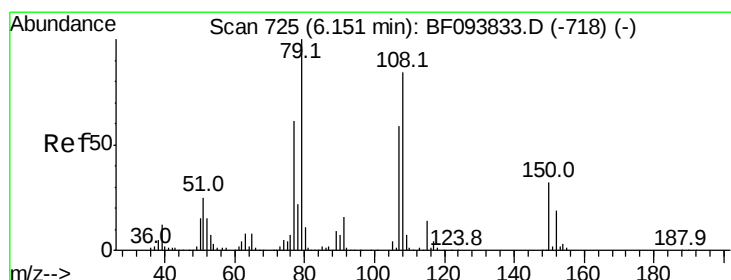
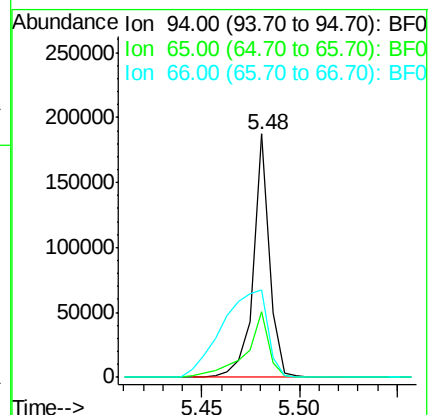
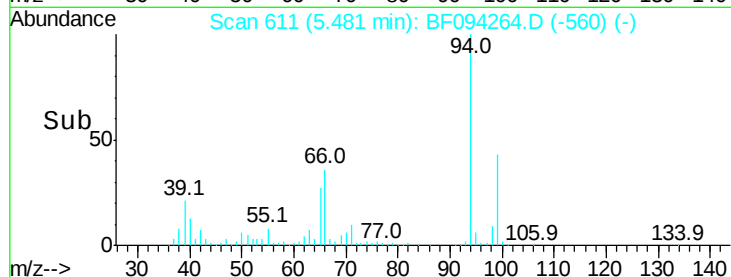
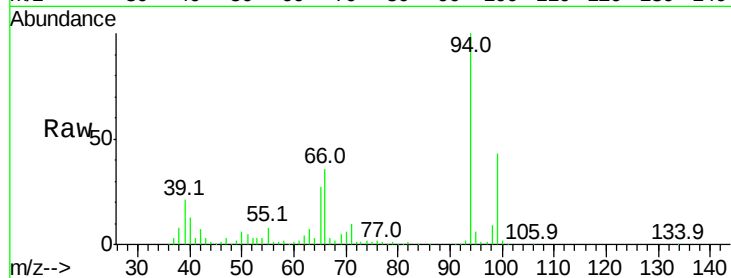
Tot Ion: 94 Resp: 107227

Ion Ratio Lower Upper

94 100

65 26.9 9.9 49.9

66 35.7 23.1 63.1



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 6.03 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF094264.D

Acq: 7 Apr 2017 10:07

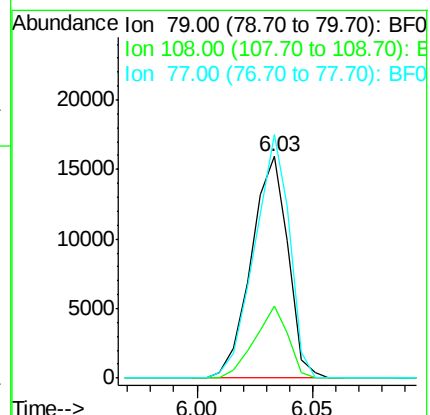
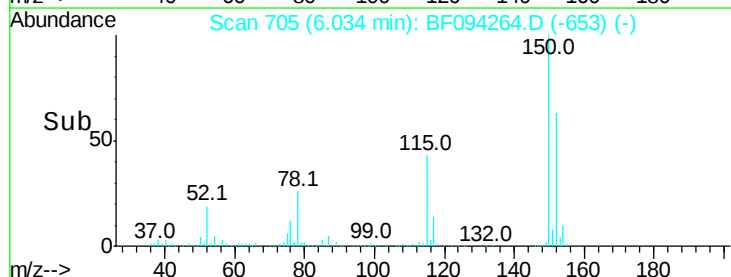
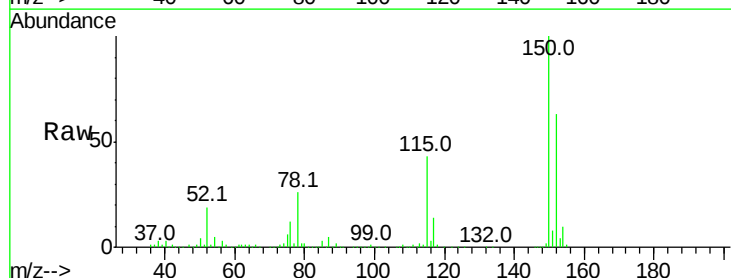
Tgt Ion: 79 Resp: 17647

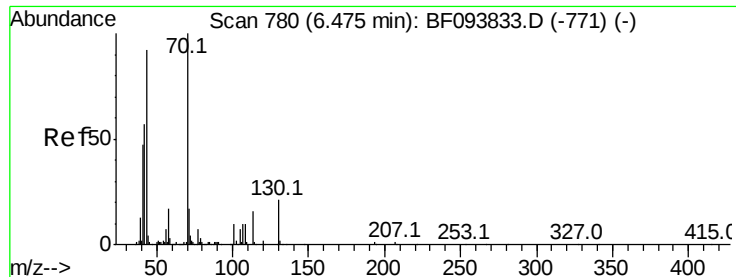
Ion Ratio Lower Upper

79 100

108 32.4 63.4 95.0#

77 110.0 49.2 73.8#





#19

n-Nitroso-di-n-propylamine

Concen: 19.38 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.16 min

Lab File: BF094264.D

Acq: 7 Apr 2017 10:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 139948

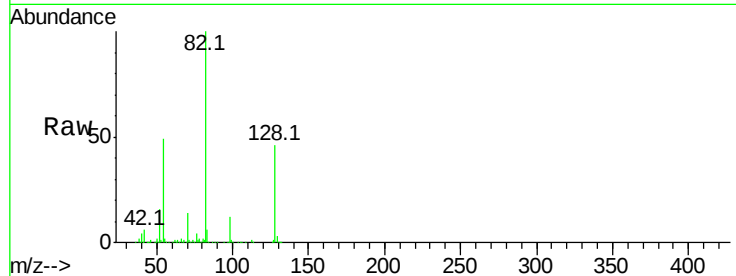
Ion Ratio Lower Upper

70 100

42 46.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

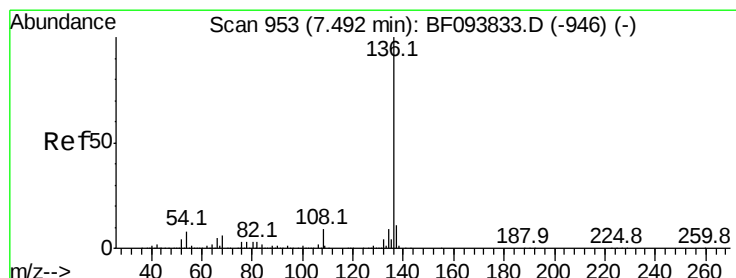
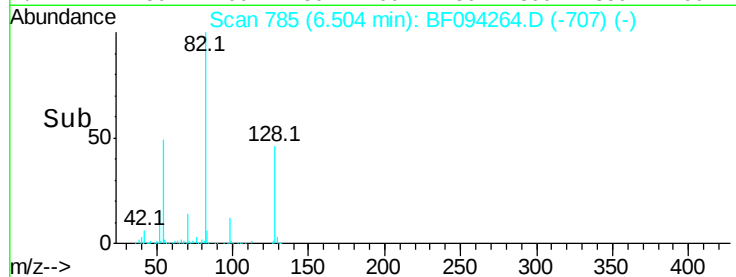
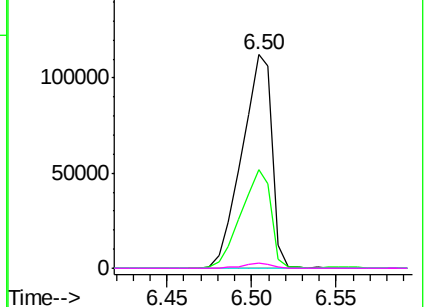


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094264.D

Acq: 7 Apr 2017 10:07

Tgt Ion: 136 Resp: 607315

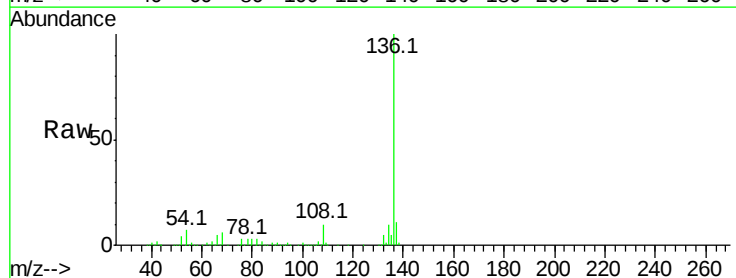
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.2 4.9 7.3

68 6.0 4.1 6.1

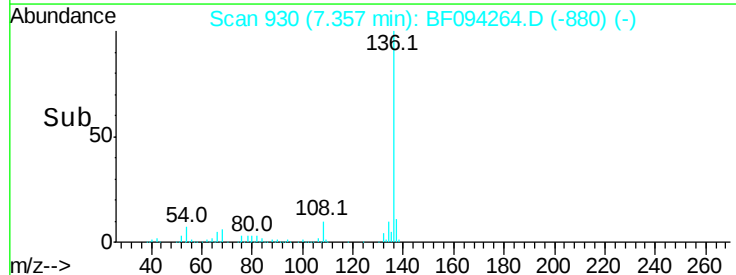
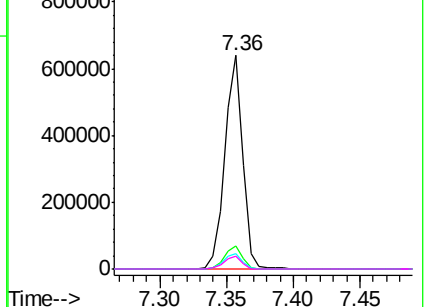


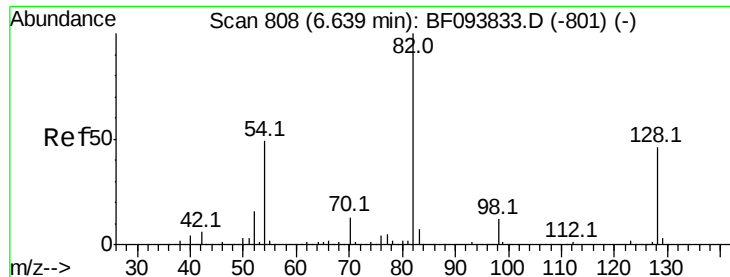
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

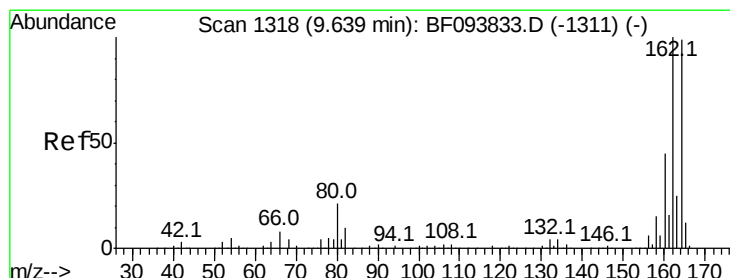
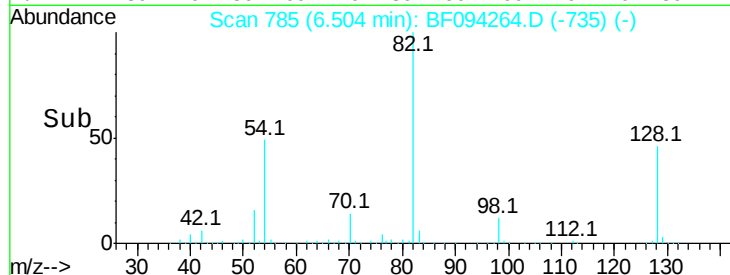
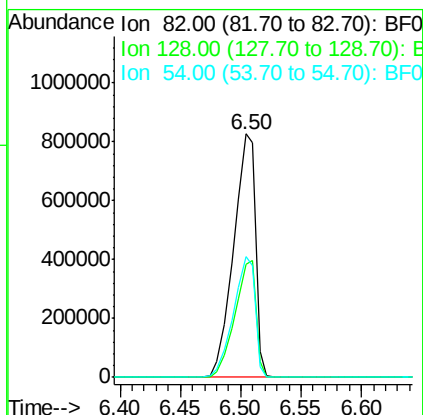
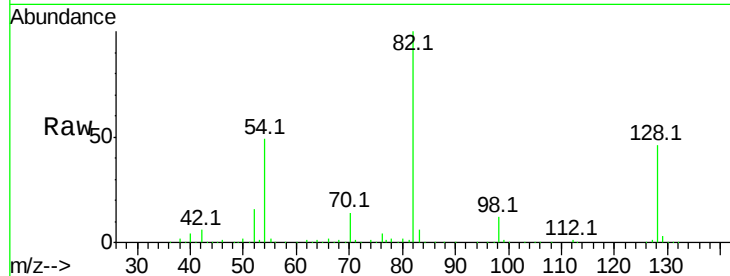




#23
 Nitrobenzene-d5
 Concen: 98.23 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF094264.D
 Acq: 7 Apr 2017 10:07

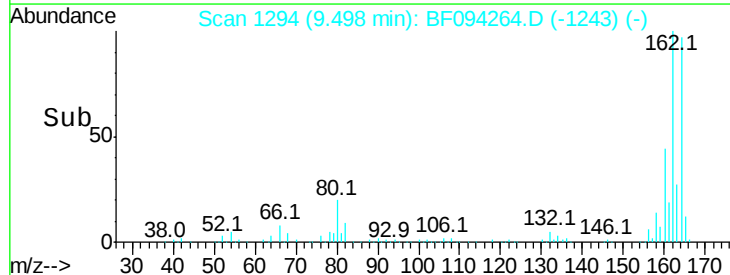
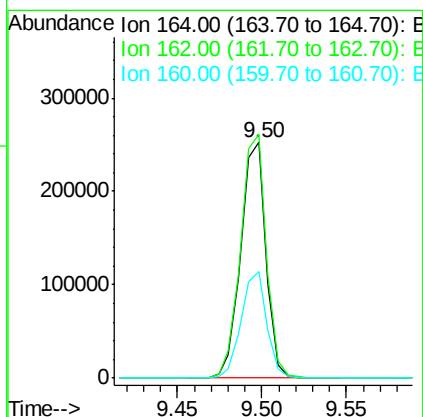
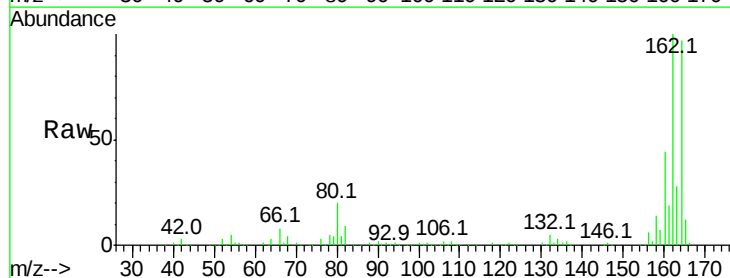
Instrument :
 BNA_F
 ClientSampleId :

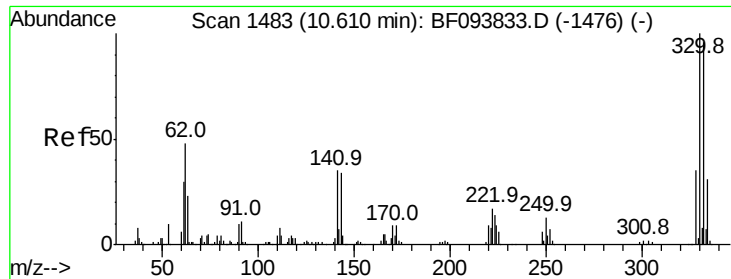
Tot Ion: 82 Resp: 1045304
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 49.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF094264.D
 Acq: 7 Apr 2017 10:07

Tgt Ion:164 Resp: 262624
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 45.5 36.2 54.2

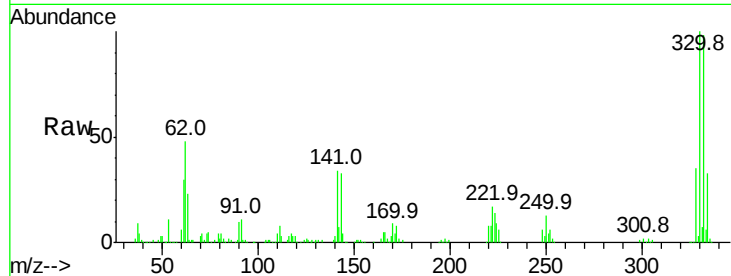




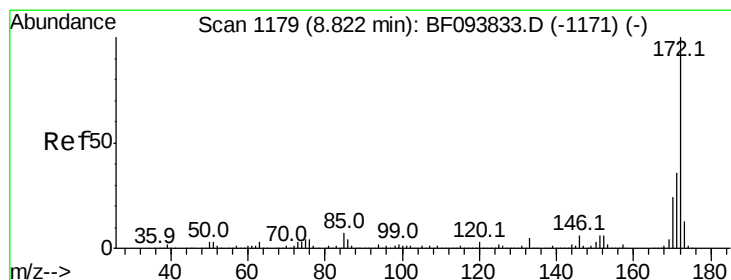
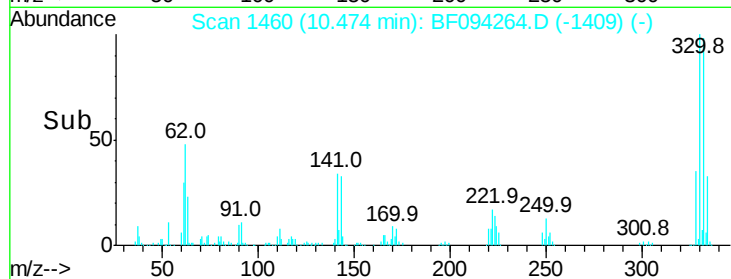
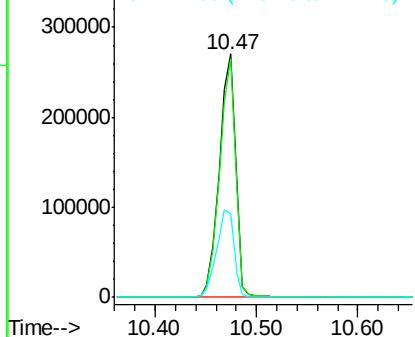
#41
 2,4,6-Tribromophenol
 Concen: 146.66 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF094264.D
 Acq: 7 Apr 2017 10:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 304369
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 38.8 31.4 47.2

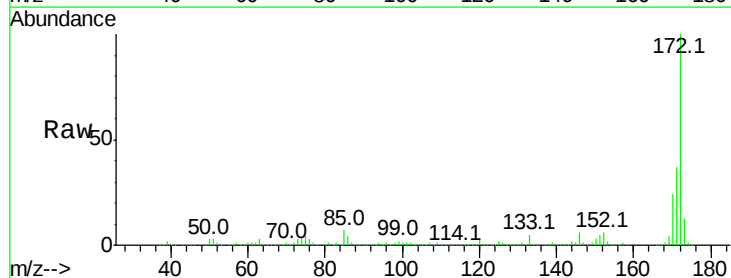


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

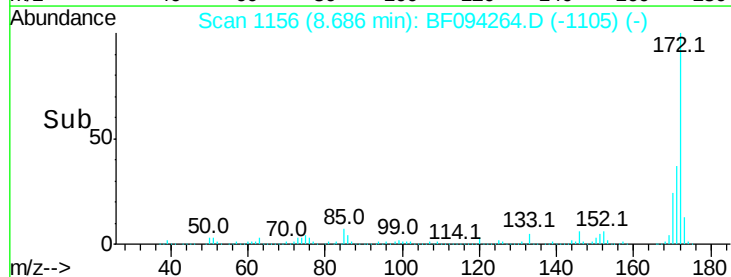
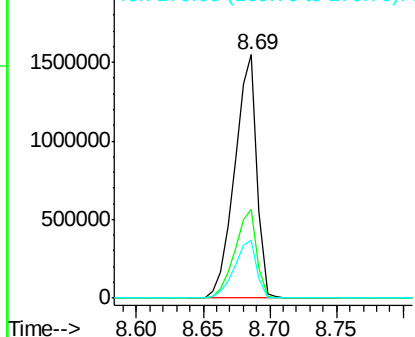


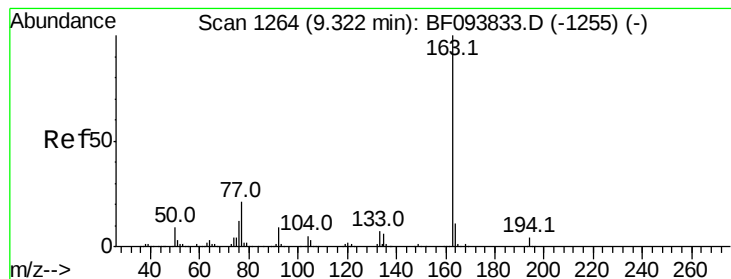
#44
 2-Fluorobiphenyl
 Concen: 104.14 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF094264.D
 Acq: 7 Apr 2017 10:07

Tgt Ion:172 Resp: 1793151
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.1 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





#49

Dimethylphthalate

Concen: 19.26 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF094264.D

Acq: 7 Apr 2017 10:07

Instrument :

BNA_F

ClientSampleId :

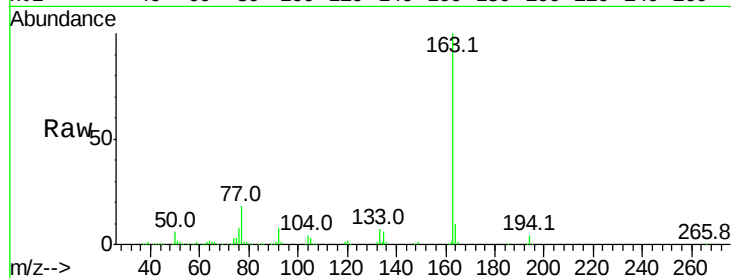
Tot Ion:163 Resp: 359580

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

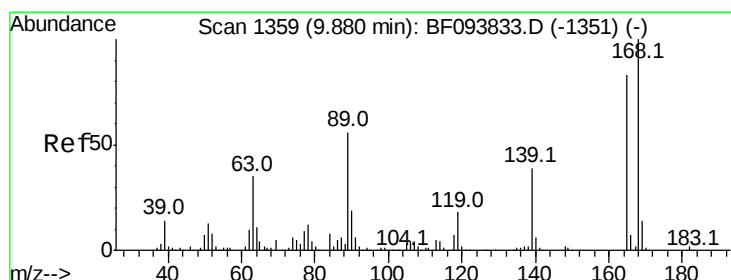
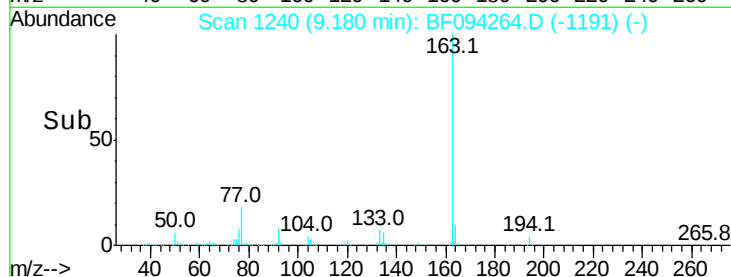
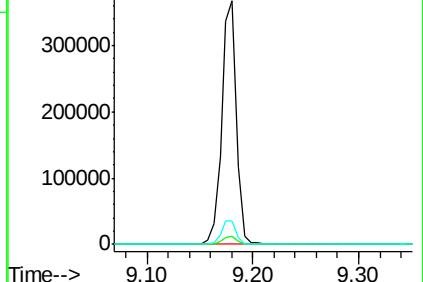
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.40 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.26 min

Lab File: BF094264.D

Acq: 7 Apr 2017 10:07

Tgt Ion:165 Resp: 34412

Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.3 46.4 69.6#

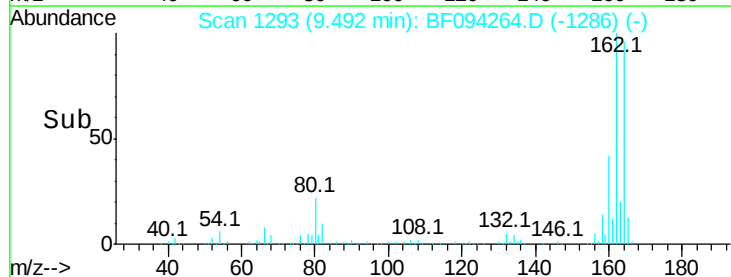
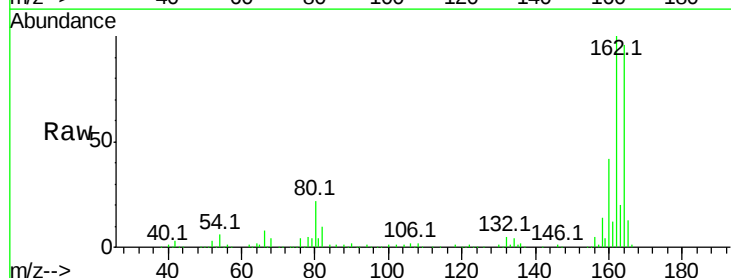
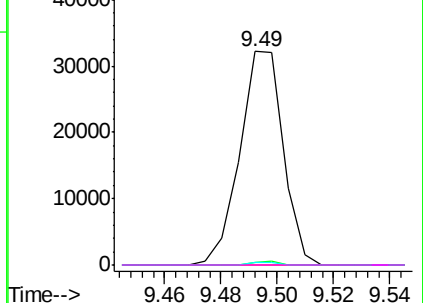
182 0.0 1.8 2.6#

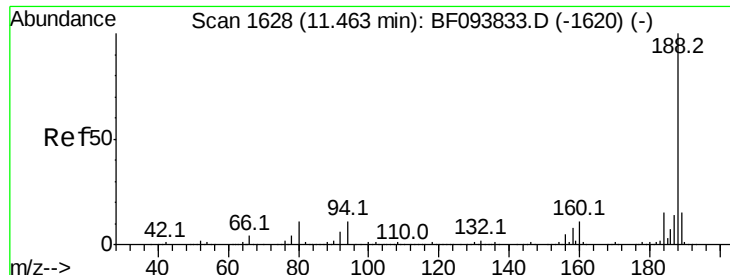
Abundance Ion 165.00 (164.70 to 165.70): E

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

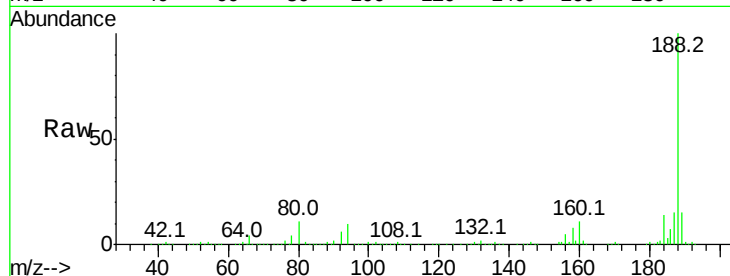




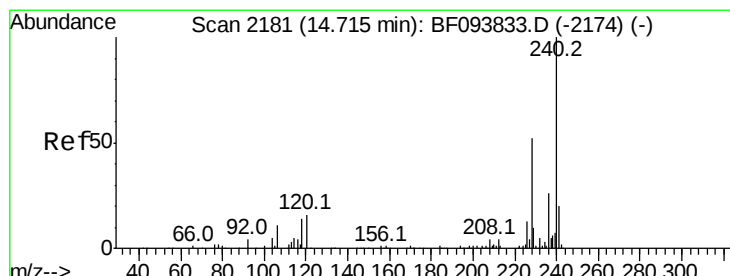
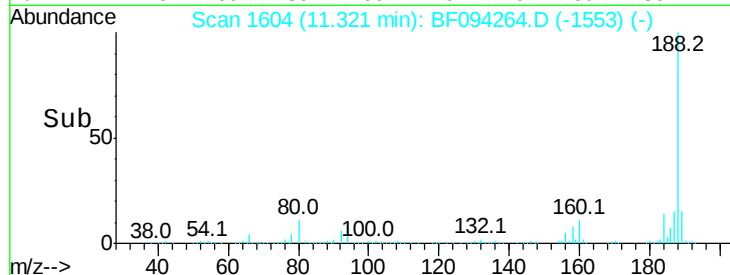
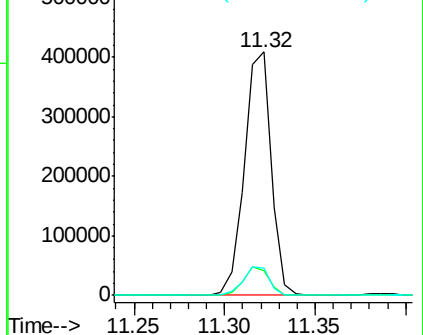
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BF094264.D
 Acq: 7 Apr 2017 10:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 419091
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 11.0 10.2 15.2

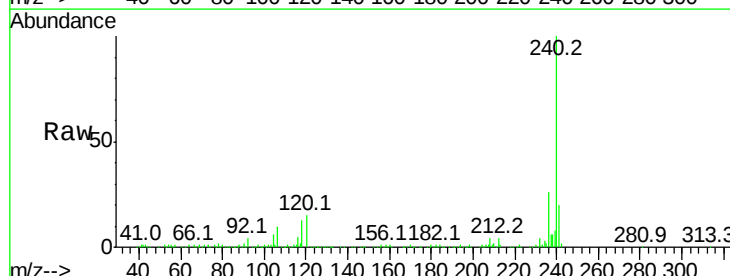


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

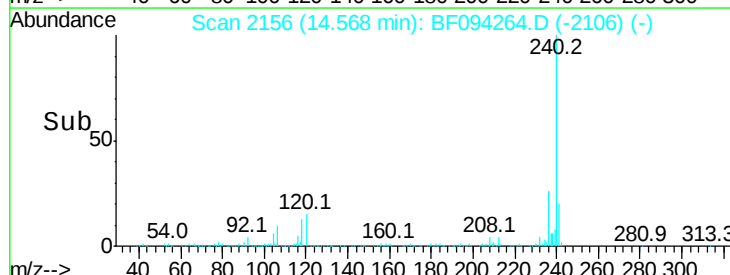
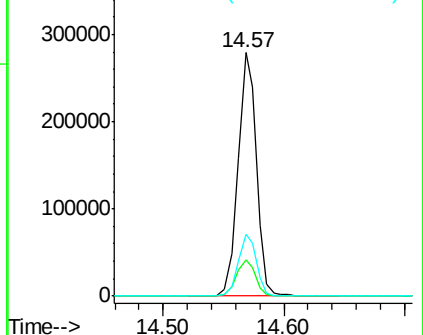


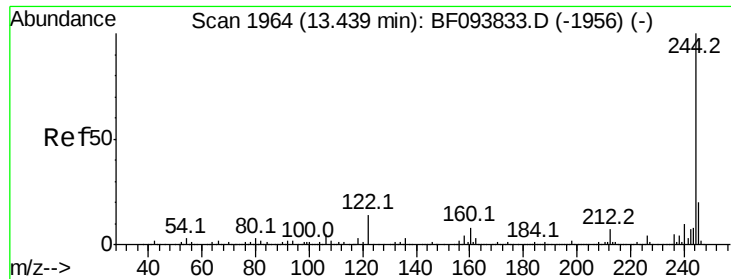
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.57 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BF094264.D
 Acq: 7 Apr 2017 10:07

Tgt Ion:240 Resp: 296071
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 25.7 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

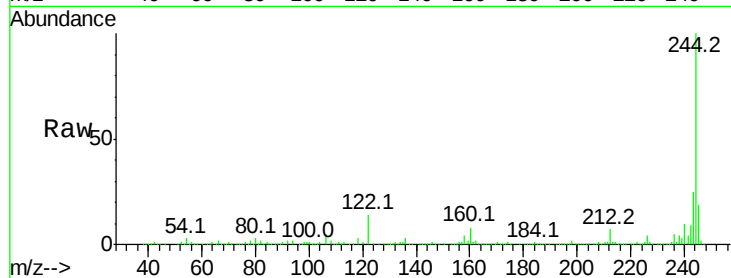




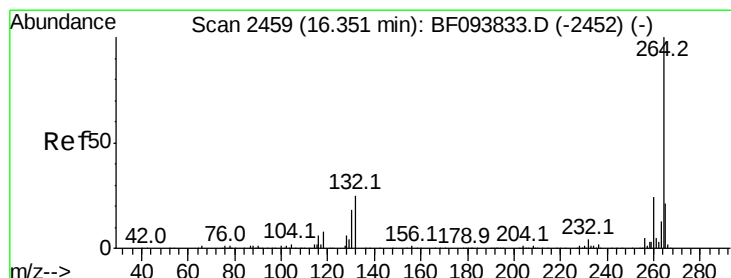
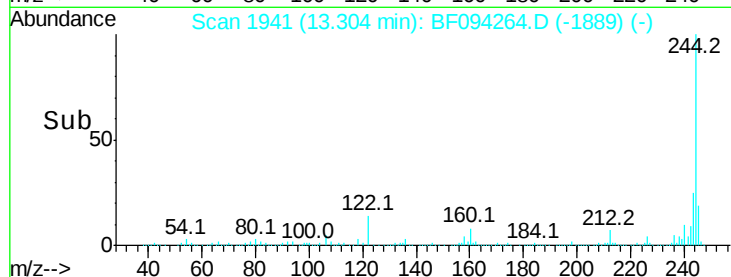
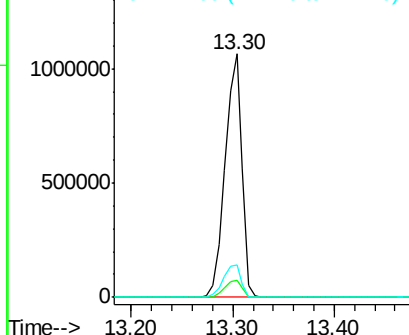
#78
 Terphenyl-d14
 Concen: 92.01 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF094264.D
 Acq: 7 Apr 2017 10:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1215286
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.6 10.3 15.5

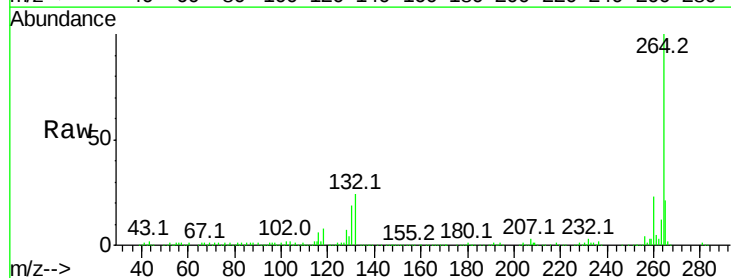


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2433
 Delta R.T. 0.01 min
 Lab File: BF094264.D
 Acq: 7 Apr 2017 10:07

Tgt Ion:264 Resp: 247596
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 20.8 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

