

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094265.D
 Acq On : 7 Apr 2017 10:35
 Operator : SJ/MA
 Sample : I2574-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 07 13:32:34 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

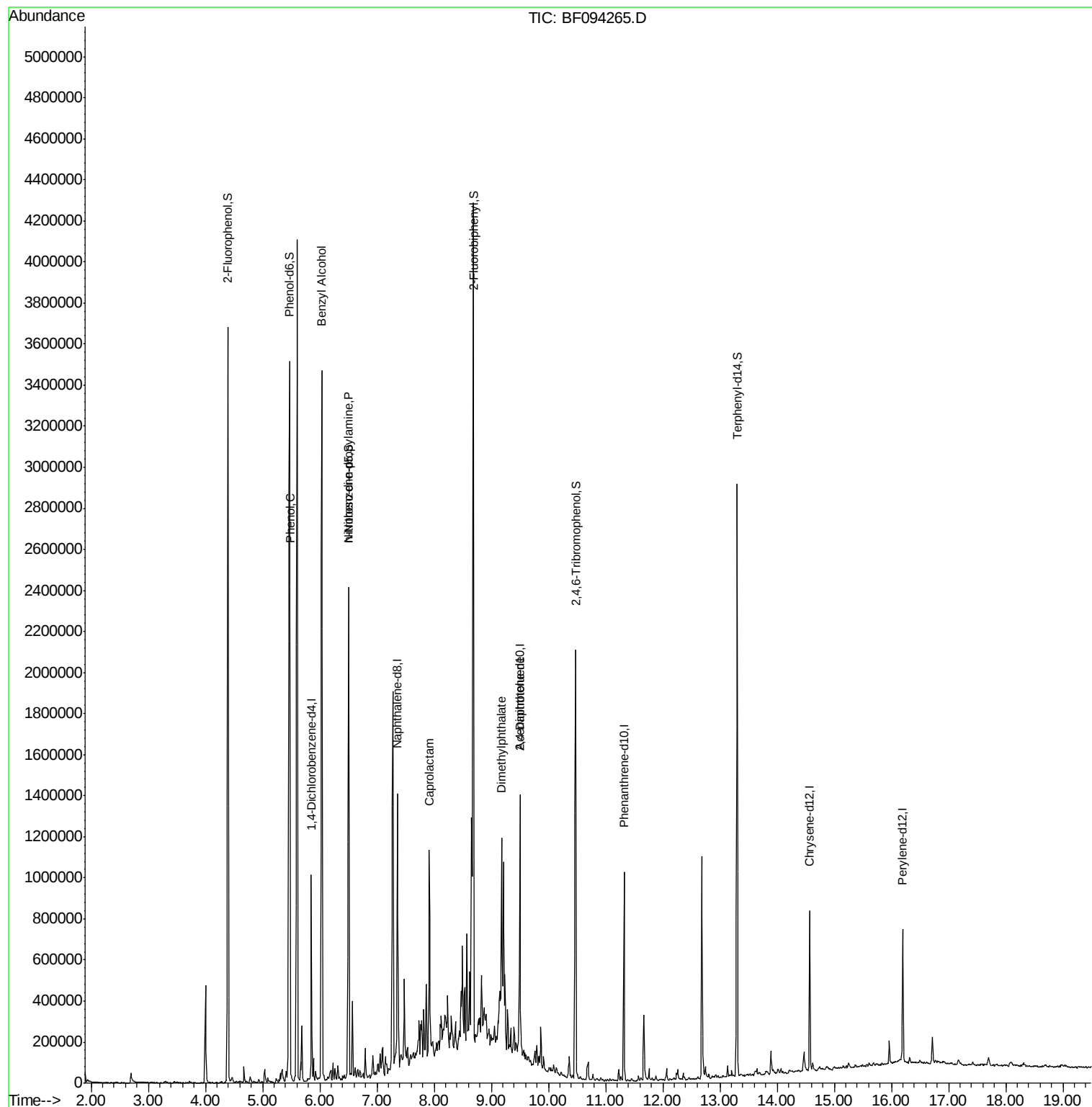
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	156223	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	608638	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	264595	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	428307	20.00	ng	0.00
75) Chrysene-d12	14.57	240	301287	20.00	ng	0.00
86) Perylene-d12	16.20	264	249303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1258111	136.02	ng	0.00
7) Phenol-d6	5.47	99	1654011	144.55	ng	0.00
23) Nitrobenzene-d5	6.50	82	1013703	95.05	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	294786	140.99	ng	0.00
44) 2-Fluorobiphenyl	8.69	172	1646140	94.89	ng	0.00
78) Terphenyl-d14	13.30	244	1067394	79.41	ng	0.00
Target Compounds						
10) Phenol	5.48	94	109983	8.45	ng	88
15) Benzyl Alcohol	6.03	79	17010	2.03	ng	# 44
19) n-Nitroso-di-n-propylamine	6.50	70	136032	18.50	ng	# 76
35) Caprolactam	7.92	113	24025	9.32	ng	# 41
49) Dimethylphthalate	9.18	163	434305	23.09	ng	98
56) 2,4-Dinitrotoluene	9.50	165	34444	6.36	ng	# 34

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

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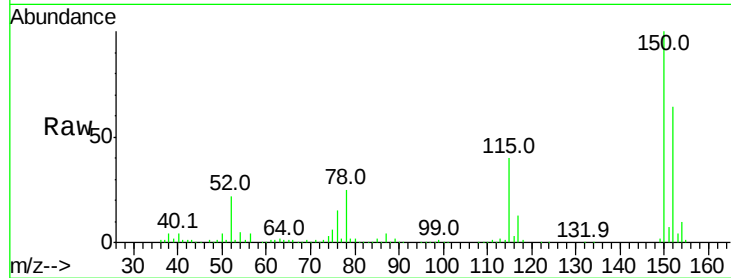


#1

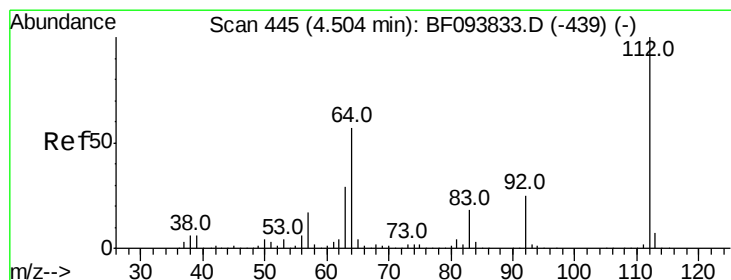
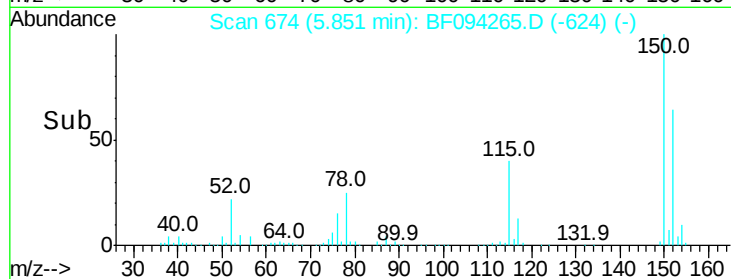
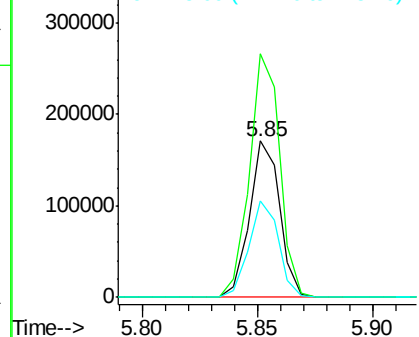
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094265.D
Acq: 7 Apr 2017 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156223
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 61.5 52.2 78.2



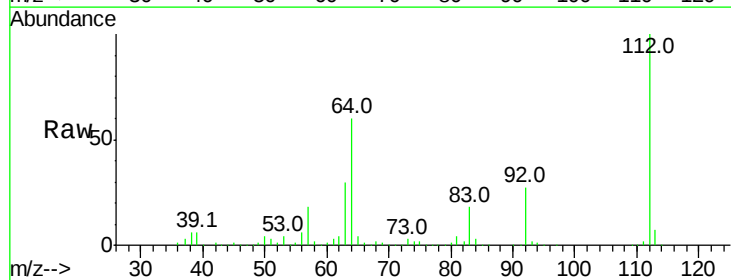
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



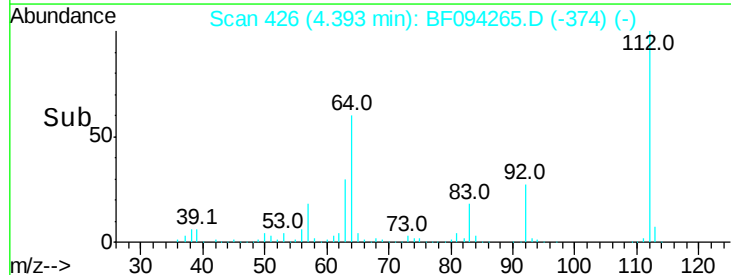
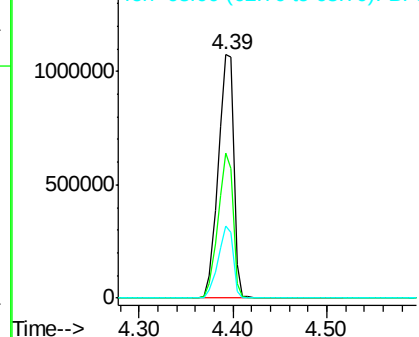
#5

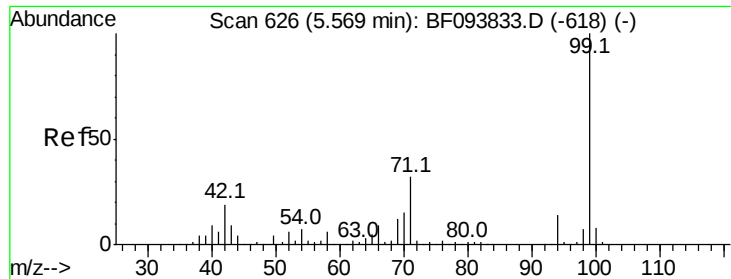
2-Fluorophenol
Concen: 136.02 ng
RT: 4.39 min Scan# 426
Delta R.T. 0.01 min
Lab File: BF094265.D
Acq: 7 Apr 2017 10:35

Tgt Ion:112 Resp: 1258111
Ion Ratio Lower Upper
112 100
64 59.5 46.0 69.0
63 29.5 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: 144.55 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094265.D

Acq: 7 Apr 2017 10:35

Instrument :

BNA_F

ClientSampleId :

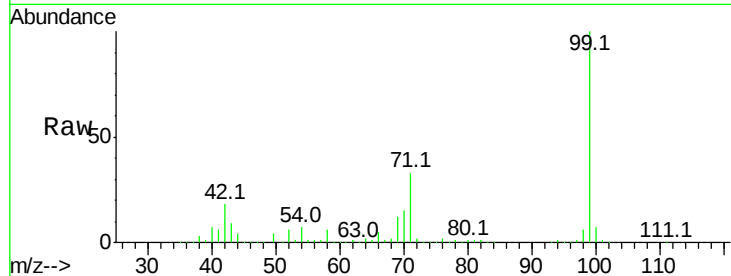
Tot Ion: 99 Resp: 1654011

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	33.4	24.5	36.7

99 100

42 18.0 13.5 20.3

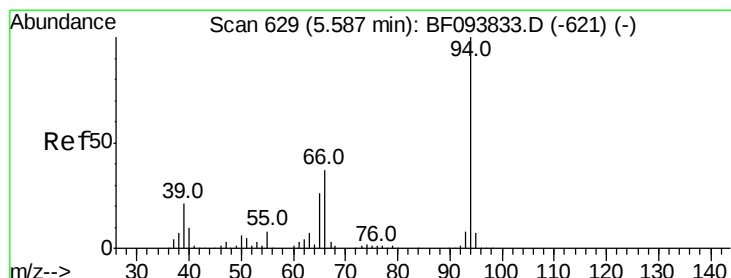
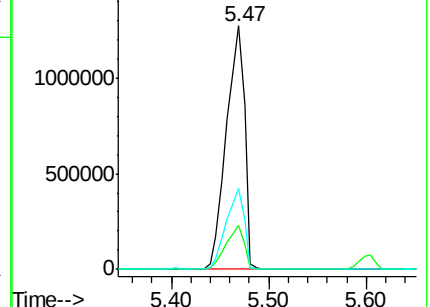
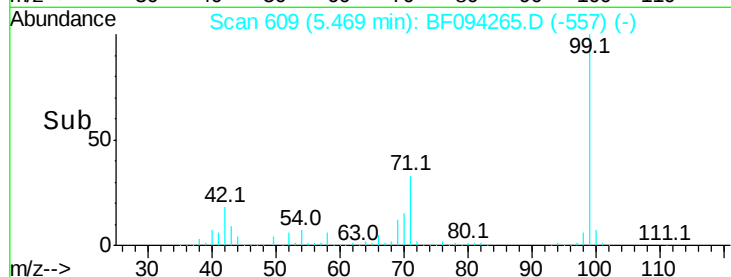
71 33.4 24.5 36.7



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



#10

Phenol

Concen: 8.45 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094265.D

Acq: 7 Apr 2017 10:35

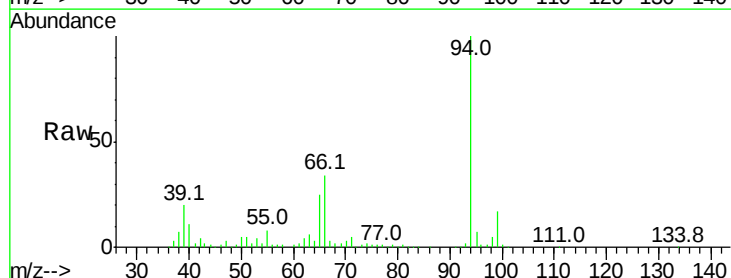
Tgt Ion: 94 Resp: 109983

Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.9	49.9
66	33.9	23.1	63.1

94 100

65 25.0 9.9 49.9

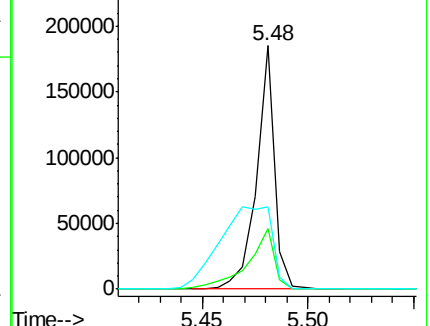
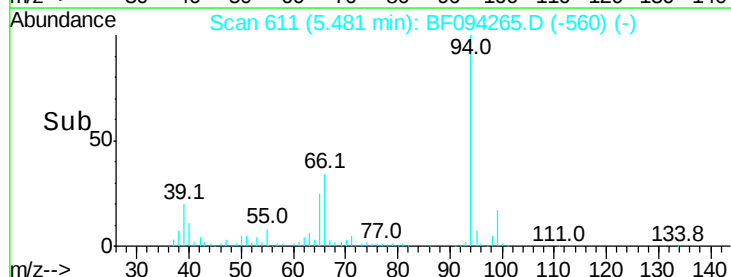
66 33.9 23.1 63.1

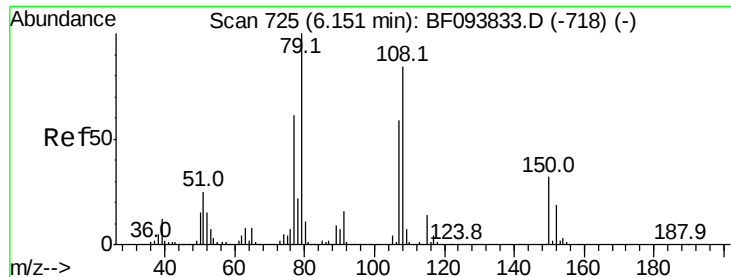


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.03 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF094265.D

Acq: 7 Apr 2017 10:35

Instrument :
BNA_F
ClientSampled :

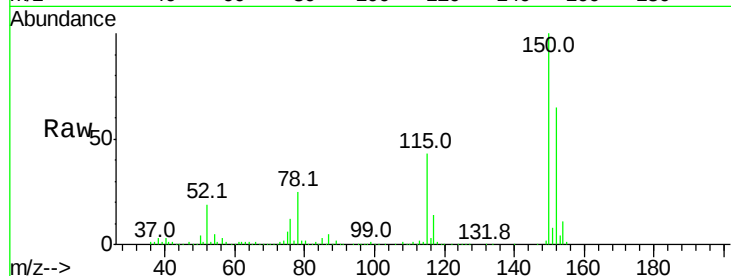
Tot Ion: 79 Resp: 17010

Ion Ratio Lower Upper

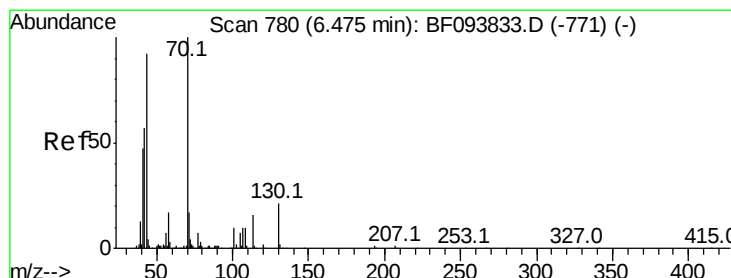
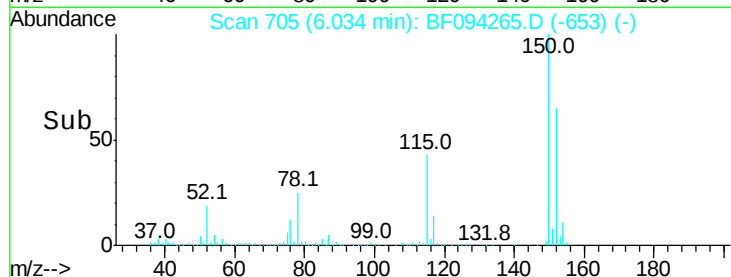
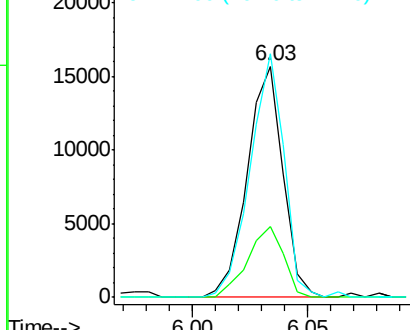
79 100

108 30.8 63.4 95.0#

77 105.4 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.50 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.16 min

Lab File: BF094265.D

Acq: 7 Apr 2017 10:35

Tgt Ion: 70 Resp: 136032

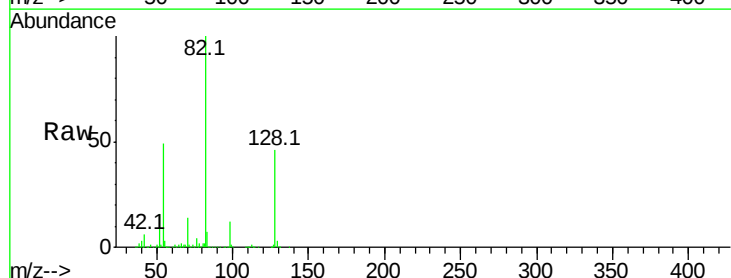
Ion Ratio Lower Upper

70 100

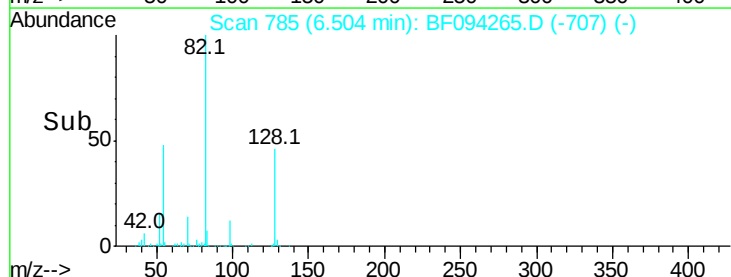
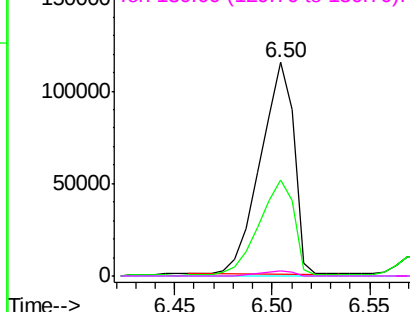
42 45.0 47.2 70.8#

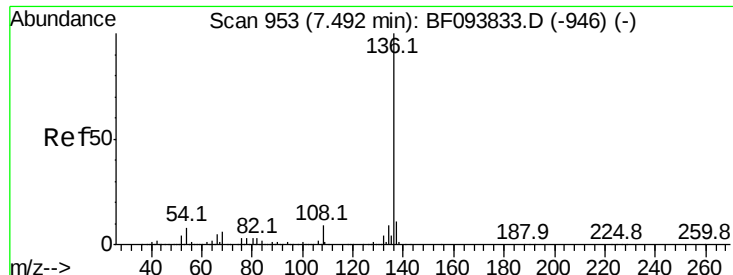
101 0.0 7.2 10.8#

130 2.3 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: BF094265.D

Acq: 7 Apr 2017 10:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 608638

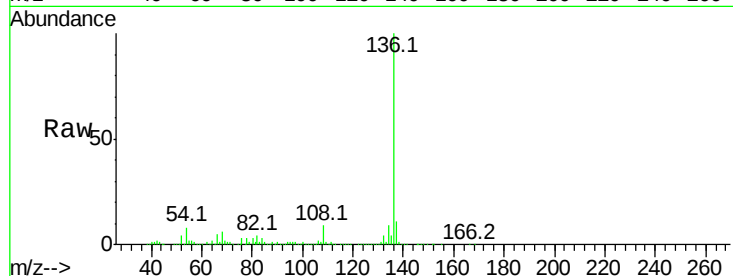
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 6.4 4.1 6.1#

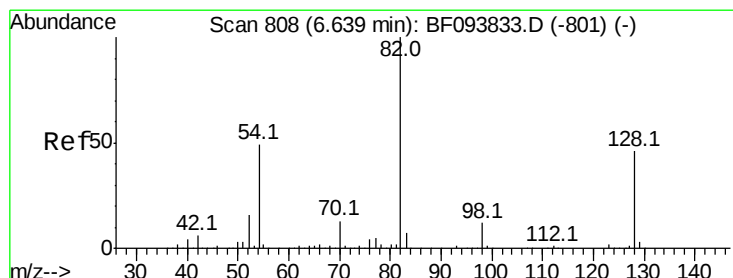
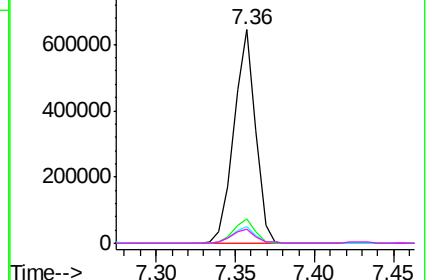
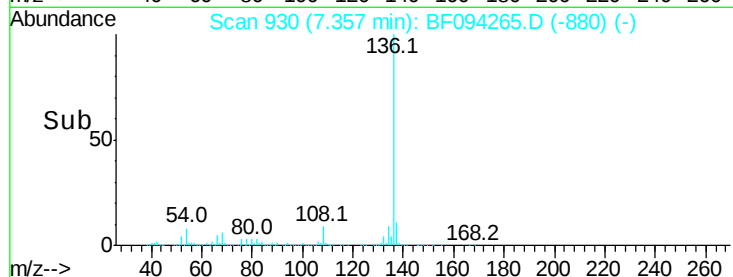


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 95.05 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF094265.D

Acq: 7 Apr 2017 10:35

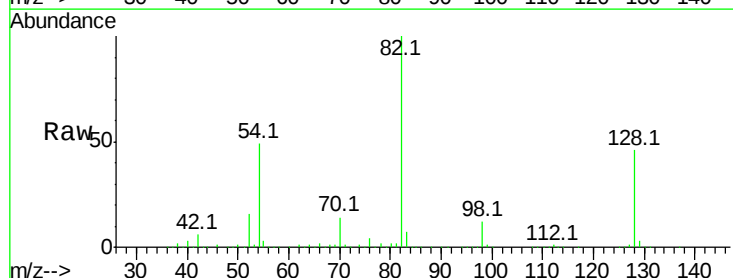
Tgt Ion: 82 Resp: 1013703

Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

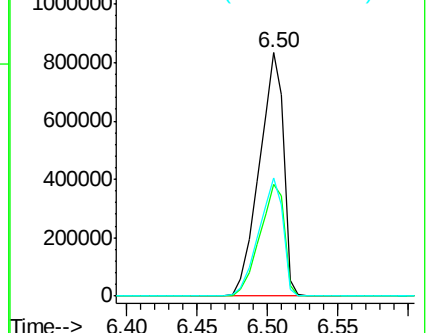
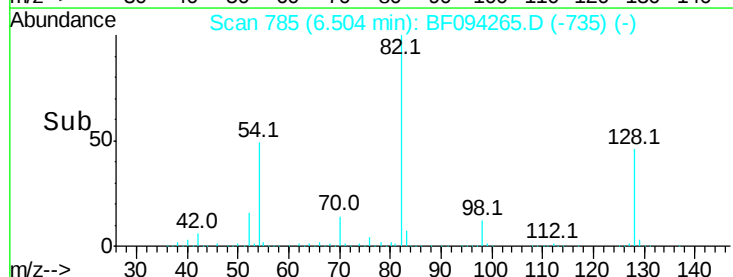
54 48.5 42.2 63.2

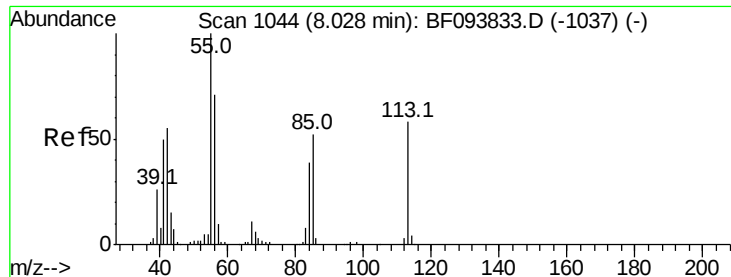


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

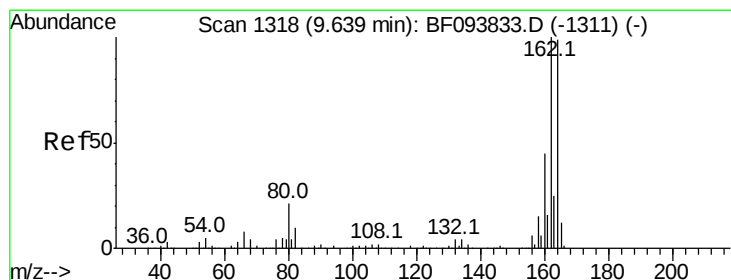
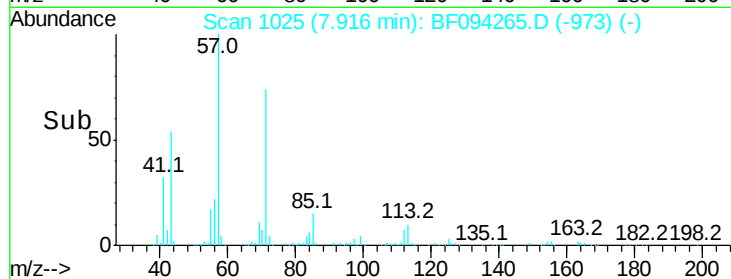
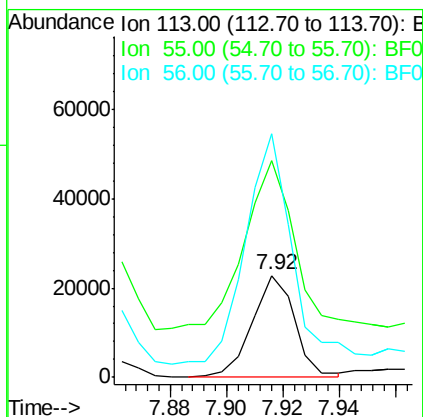
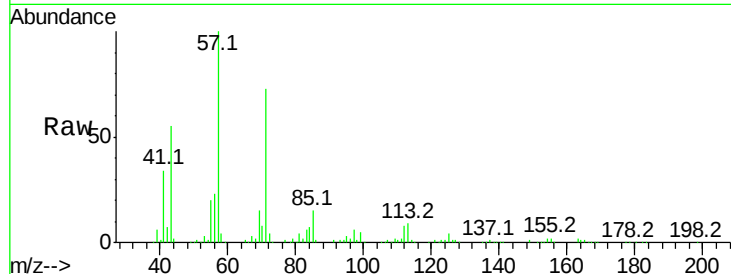




#35
 Caprolactam
 Concen: 9.32 ng
 RT: 7.92 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF094265.D
 Acq: 7 Apr 2017 10:35

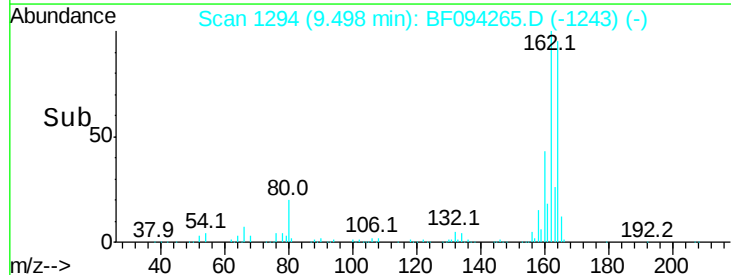
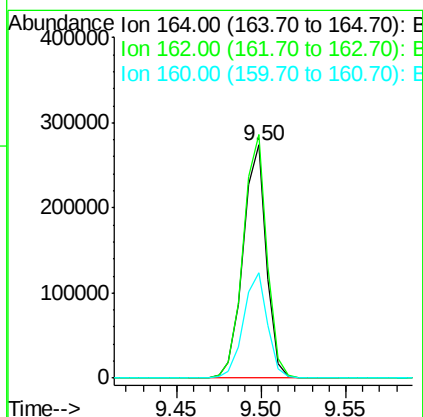
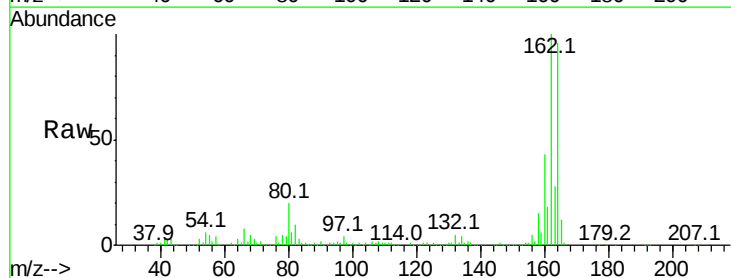
Instrument :
 BNA_F
 ClientSampleId :

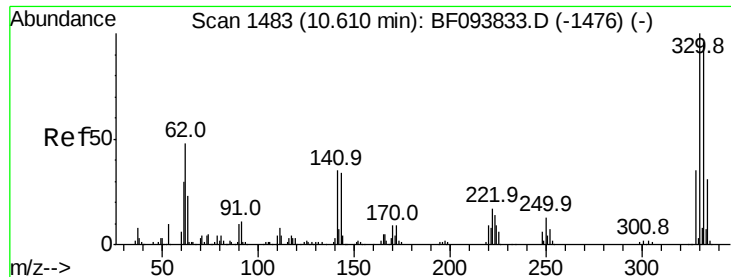
Tot Ion:113 Resp: 24025
 Ion Ratio Lower Upper
 113 100
 55 212.1 150.2 190.2#
 56 238.5 107.8 147.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF094265.D
 Acq: 7 Apr 2017 10:35

Tgt Ion:164 Resp: 264595
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.6 123.8
 160 45.4 36.2 54.2

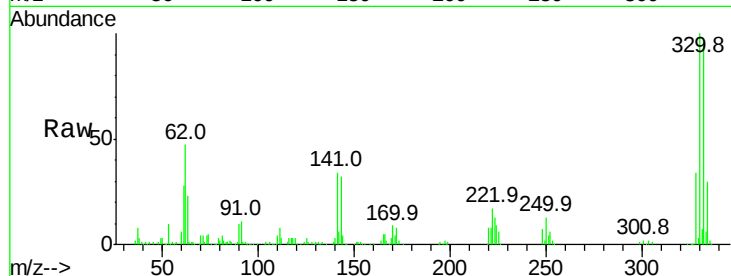




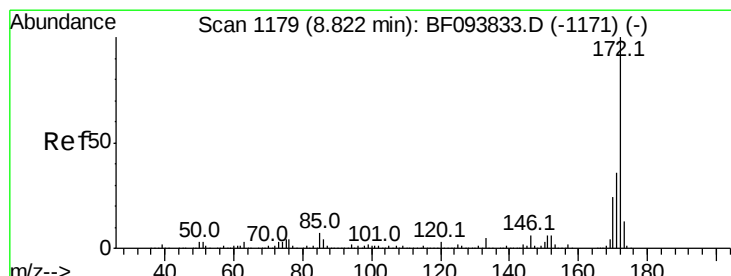
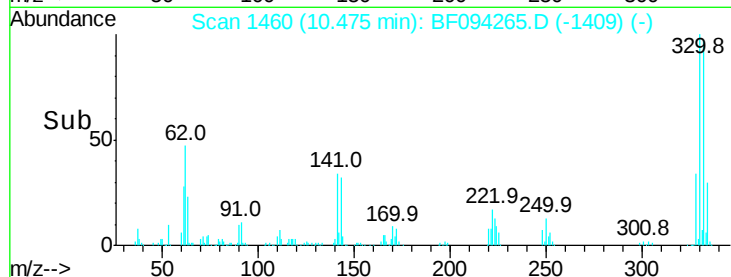
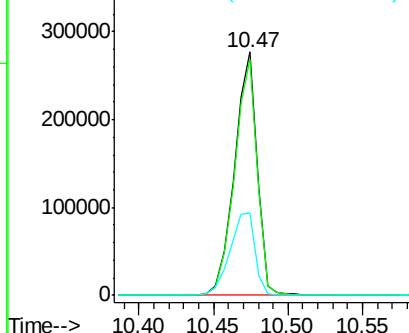
#41
 2,4,6-Tribromophenol
 Concen: 140.99 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF094265.D
 Acq: 7 Apr 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 294786
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 38.6 31.4 47.2

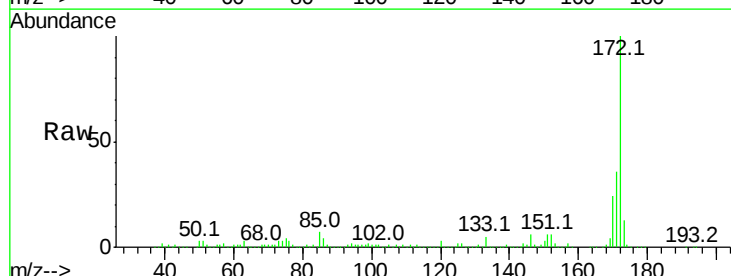


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

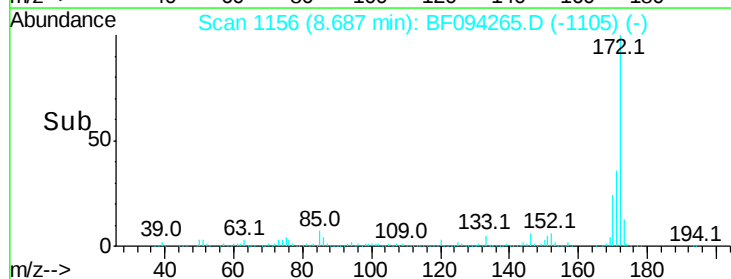
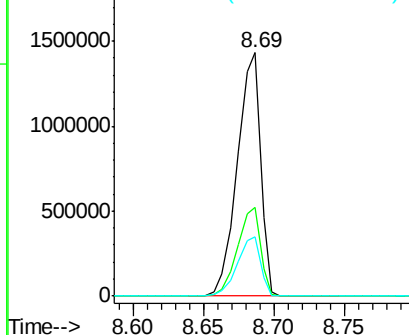


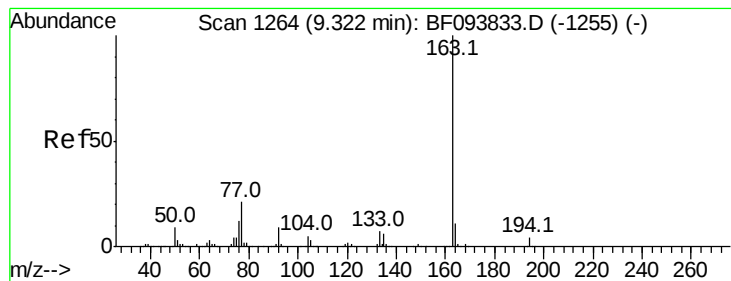
#44
 2-Fluorobiphenyl
 Concen: 94.89 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF094265.D
 Acq: 7 Apr 2017 10:35

Tgt Ion:172 Resp: 1646140
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.2 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: 23.09 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF094265.D

Acq: 7 Apr 2017 10:35

Instrument :

BNA_F

ClientSampleId :

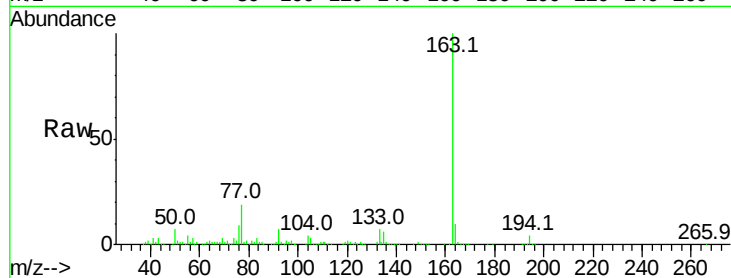
Tot Ion:163 Resp: 434305

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

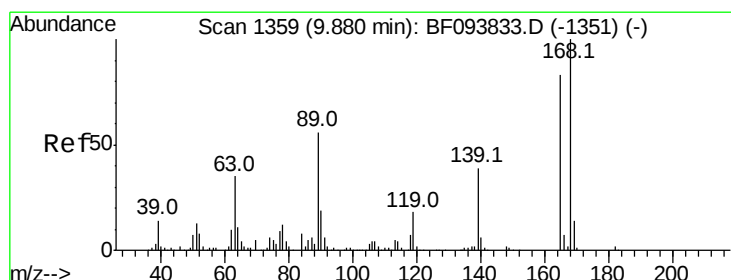
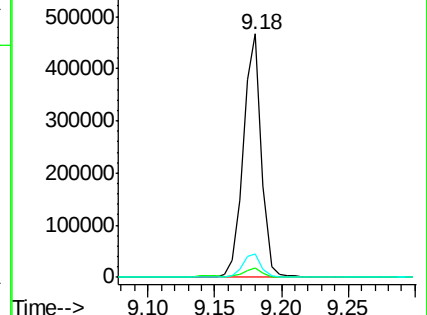
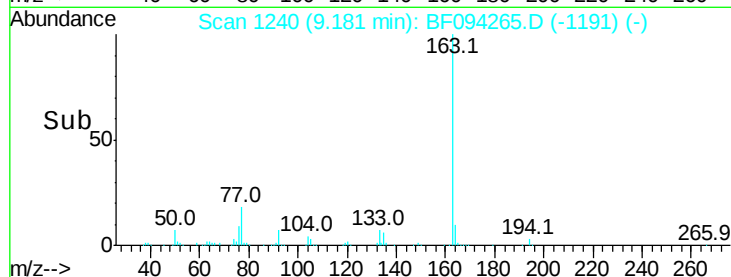
164 9.8 8.4 12.6



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: 6.36 ng

RT: 9.50 min Scan# 1294

Delta R.T. -0.25 min

Lab File: BF094265.D

Acq: 7 Apr 2017 10:35

Tgt Ion:165 Resp: 34444

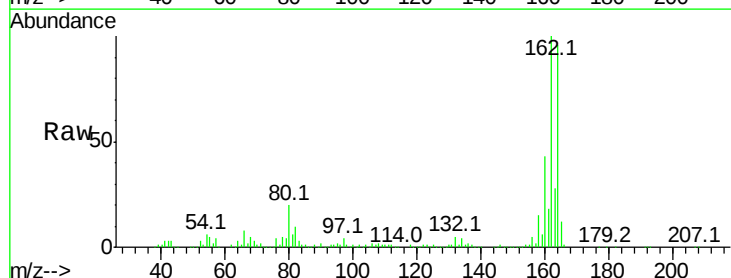
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 2.4 46.4 69.6#

182 0.9 1.8 2.6#

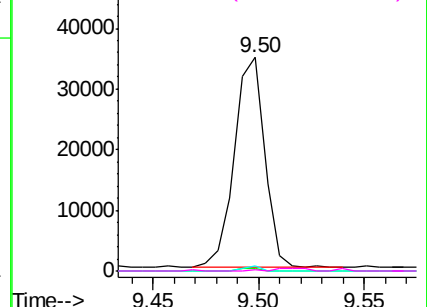
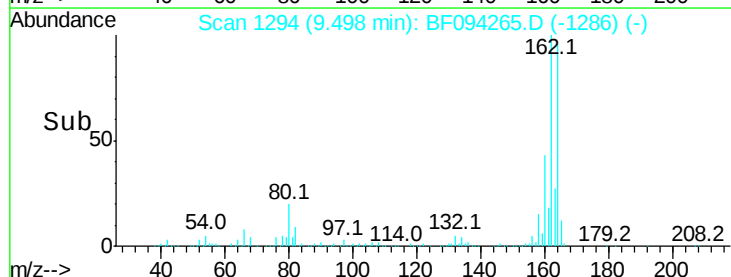


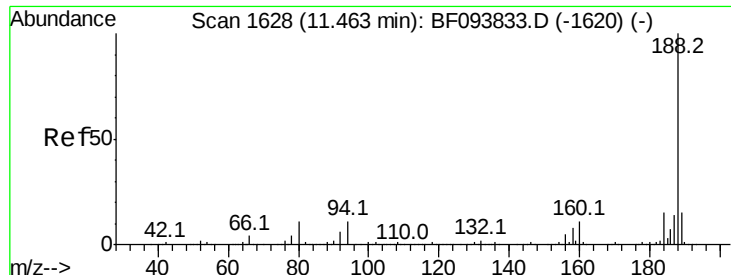
Abundance Ion 165.00 (164.70 to 165.70): E

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

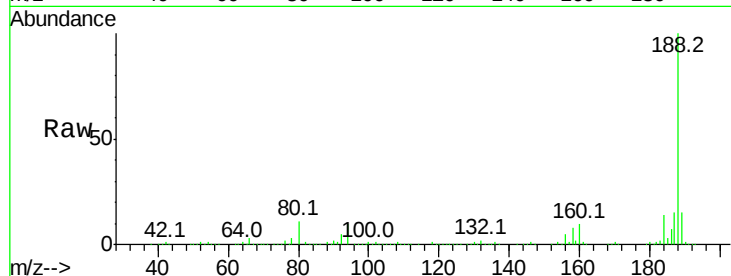




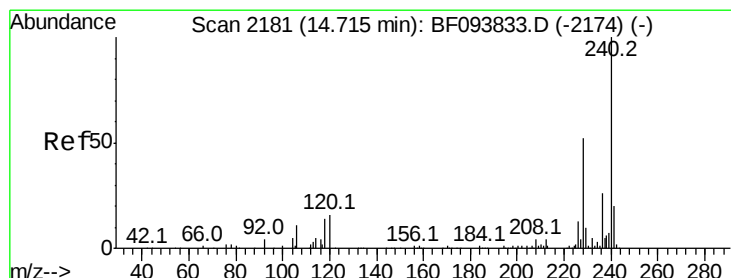
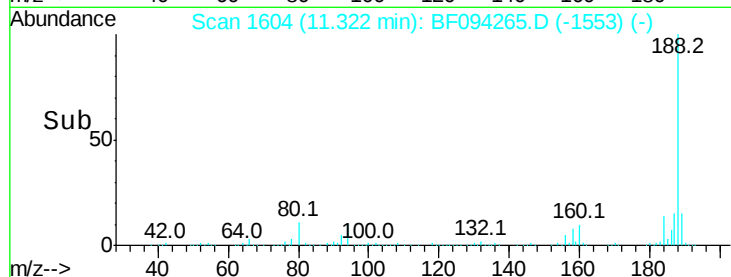
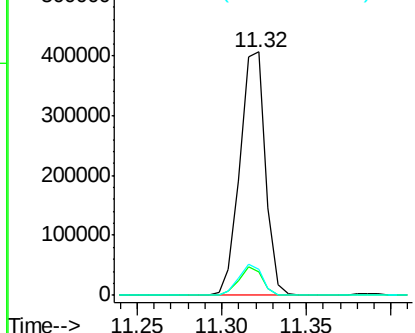
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF094265.D
Acq: 7 Apr 2017 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 428307
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 10.9 10.2 15.2

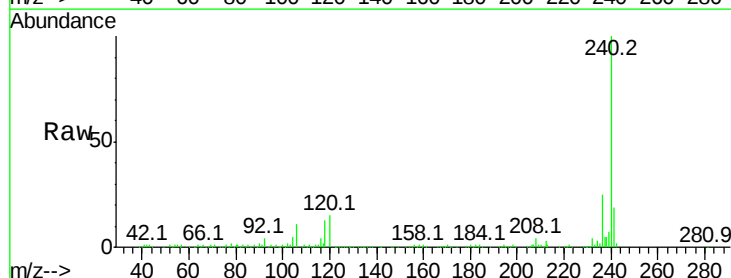


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

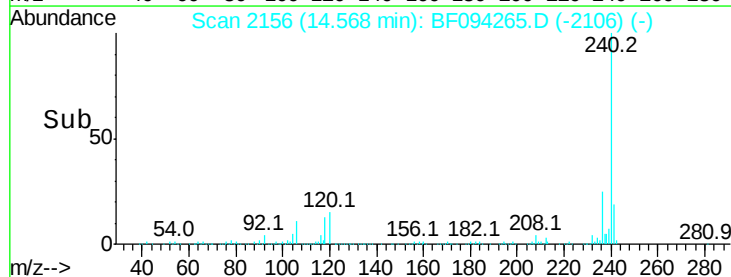
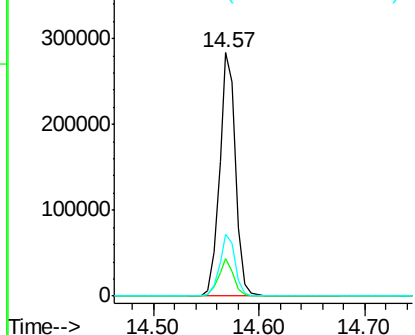


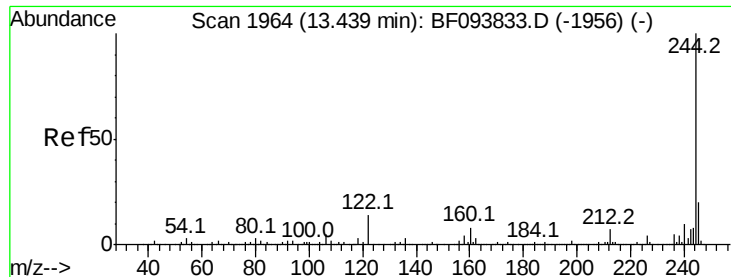
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094265.D
Acq: 7 Apr 2017 10:35

Tgt Ion:240 Resp: 301287
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 25.2 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

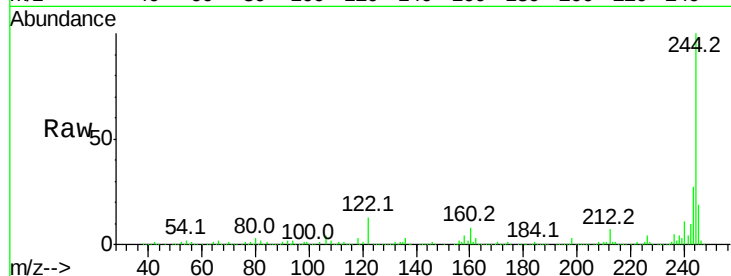




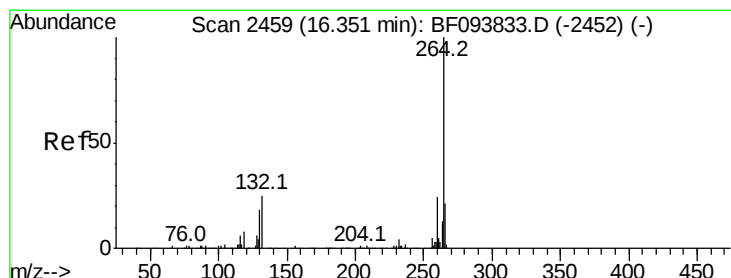
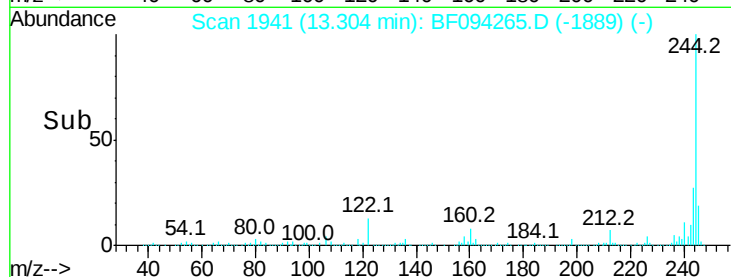
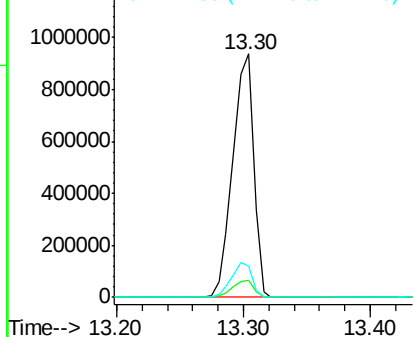
#78
 Terphenyl-d14
 Concen: 79.41 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF094265.D
 Acq: 7 Apr 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1067394
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.9 10.3 15.5

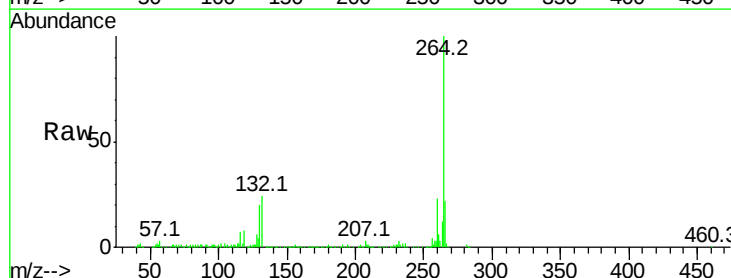


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2433
 Delta R.T. 0.01 min
 Lab File: BF094265.D
 Acq: 7 Apr 2017 10:35

Tgt Ion:264 Resp: 249303
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.6 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

