

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094209.D
 Acq On : 6 Apr 2017 00:24
 Operator : SJ/MA
 Sample : I2522-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-1(0-2)

Quant Time: Apr 06 01:11:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

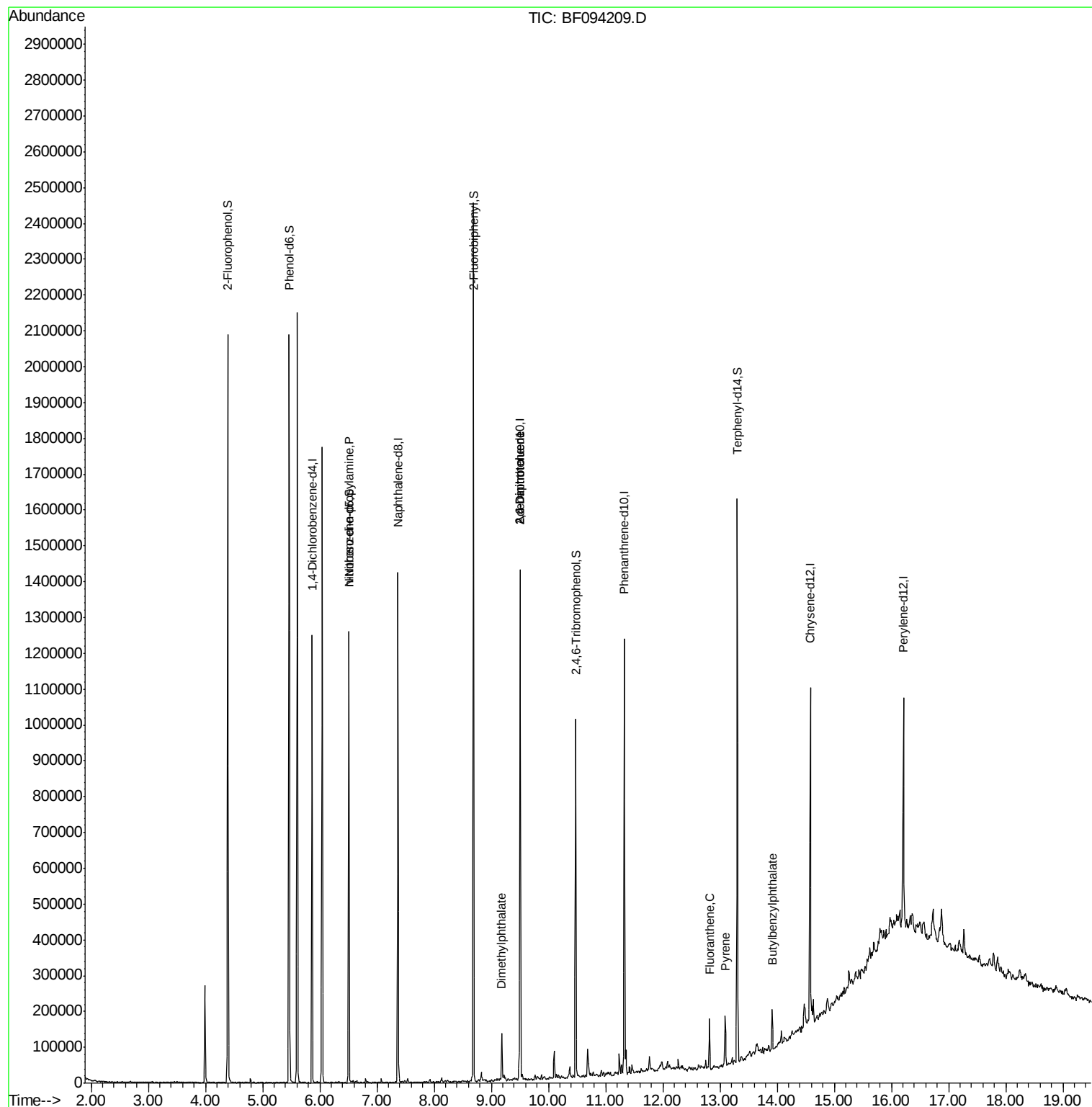
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	188874	20.00	ng	-0.04
21) Naphthalene-d8	7.37	136	730796	20.00	ng	-0.04
38) Acenaphthene-d10	9.50	164	306436	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	464998	20.00	ng	-0.05
75) Chrysene-d12	14.58	240	370742	20.00	ng	-0.05
86) Perylene-d12	16.21	264	281176	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	579079	51.78	ng	-0.04
7) Phenol-d6	5.46	99	724850	52.40	ng	-0.05
23) Nitrobenzene-d5	6.51	82	432351	33.76	ng	-0.05
41) 2,4,6-Tribromophenol	10.47	330	111090	45.88	ng	-0.05
44) 2-Fluorobiphenyl	8.69	172	794641	39.55	ng	-0.05
78) Terphenyl-d14	13.30	244	498473	30.14	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.51	70	56615	6.37	ng	Qvalue # 76
49) Dimethylphthalate	9.19	163	60314	2.77	ng	100
50) 2,6-Dinitrotoluene	9.50	165	39280	7.87	ng	# 34
56) 2,4-Dinitrotoluene	9.50	165	39280	6.26	ng	# 34
74) Fluoranthene	12.82	202	57766	2.18	ng	96
77) Pyrene	13.09	202	55745	2.07	ng	98
79) Butylbenzylphthalate	13.92	149	29881	2.61	ng	93

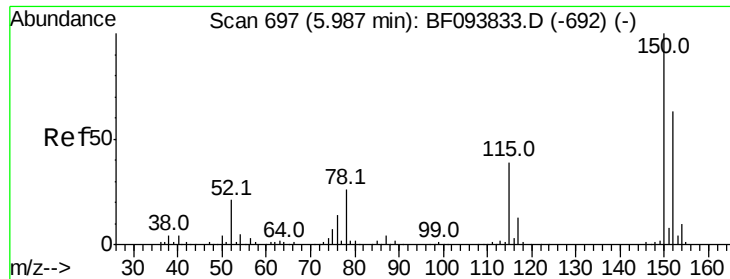
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

Instrument :

BNA_F

ClientSampleId :

BASING-1(0-2)

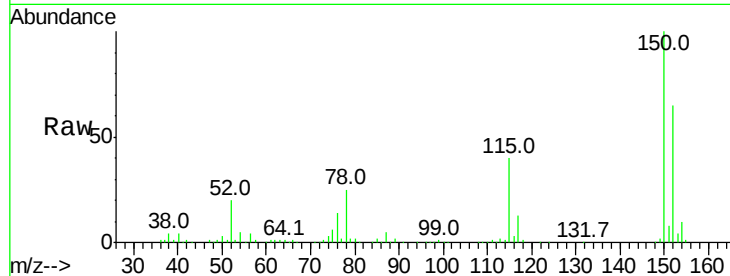
Tot Ion:152 Resp: 188874

Ion Ratio Lower Upper

152 100

150 153.8 126.2 189.2

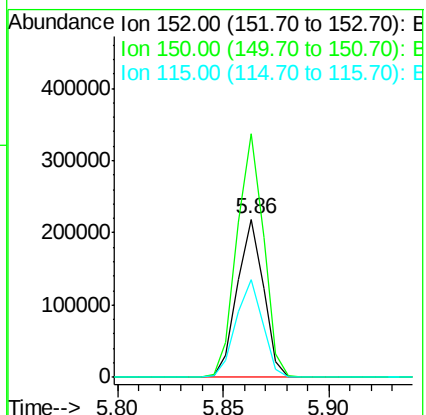
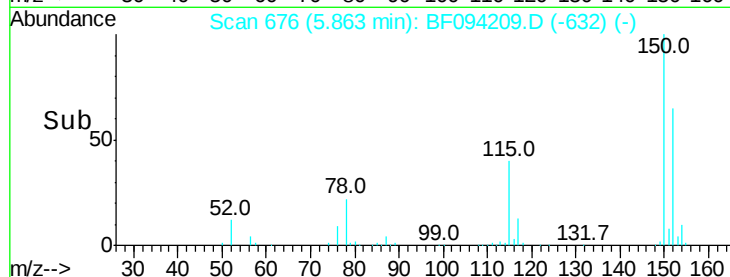
115 61.8 52.2 78.2



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: 51.78 ng

RT: 4.39 min Scan# 426

Delta R.T. -0.04 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

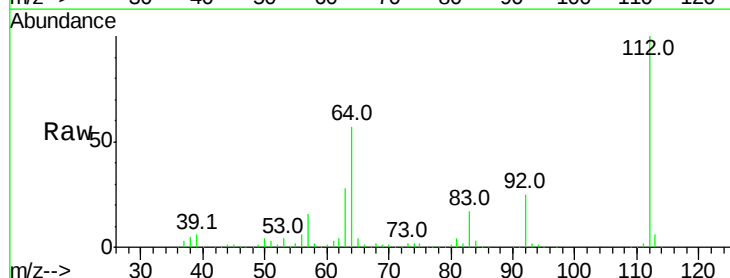
Tgt Ion:112 Resp: 579079

Ion Ratio Lower Upper

112 100

64 56.5 46.0 69.0

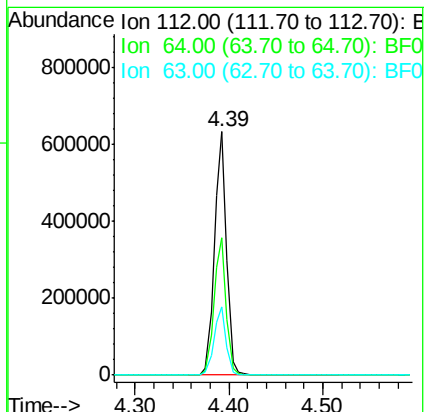
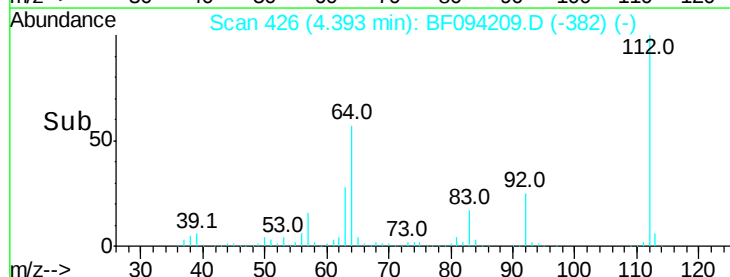
63 28.0 23.4 35.0



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: 52.40 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.05 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

Instrument :

BNA_F

ClientSampleId :

BASING-1(0-2)

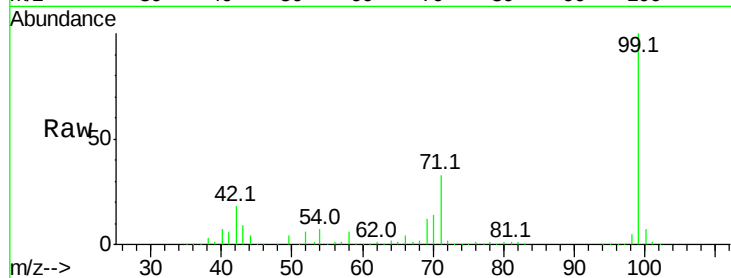
Tot Ion: 99 Resp: 724850

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

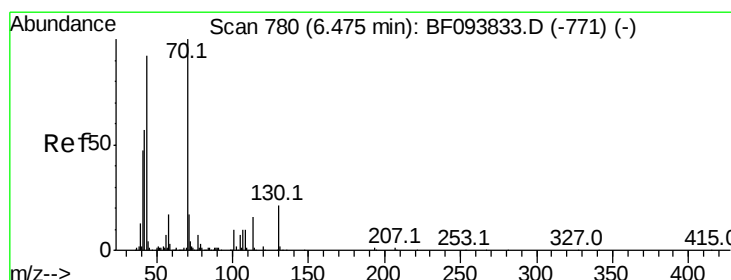
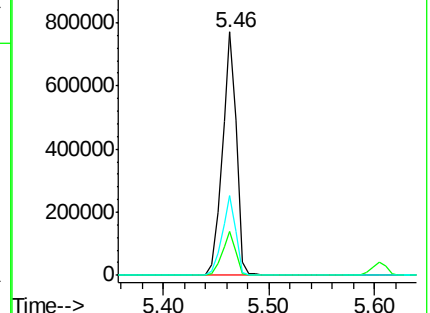
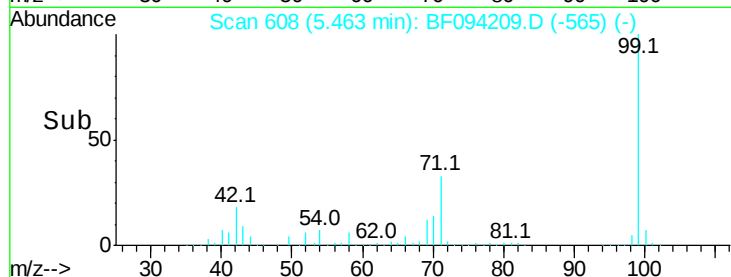
71 33.0 24.5 36.7



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: 6.37 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.12 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

Tgt Ion: 70 Resp: 56615

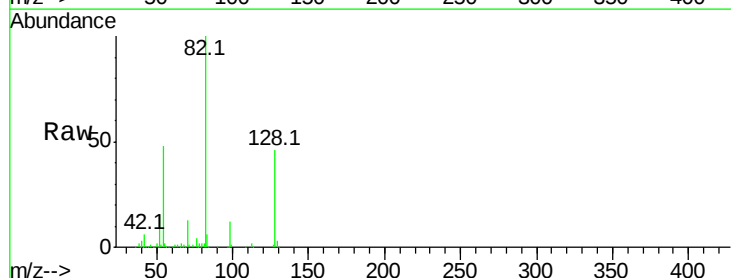
Ion Ratio Lower Upper

70 100

42 44.7 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

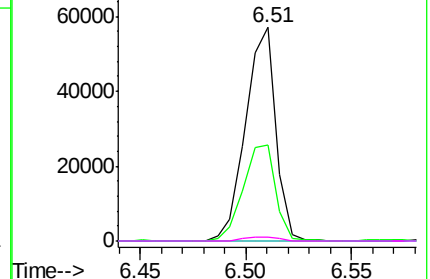
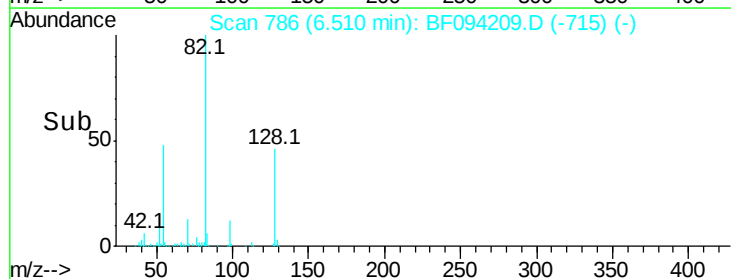


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.37 min Scan# 932

Delta R.T. -0.04 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

Instrument :

BNA_F

ClientSampleId :

BASING-1(0-2)

Tot Ion:136 Resp: 730796

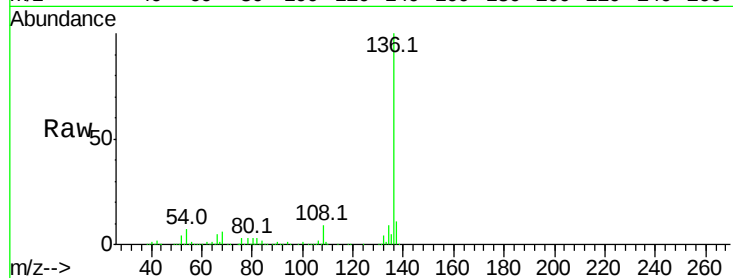
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 5.9 4.1 6.1

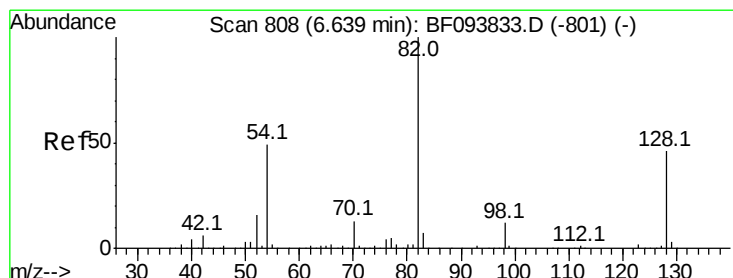
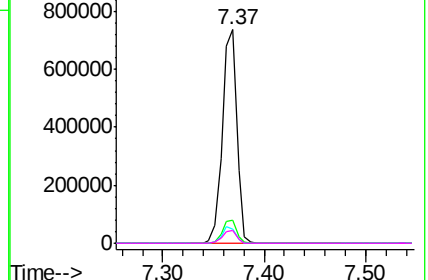
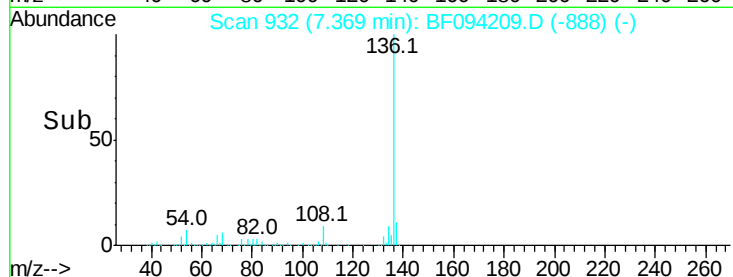


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.76 ng

RT: 6.51 min Scan# 786

Delta R.T. -0.05 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

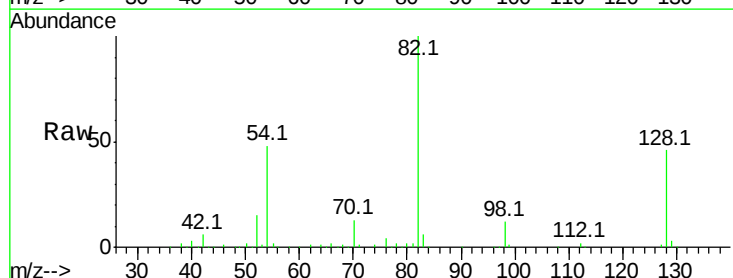
Tgt Ion: 82 Resp: 432351

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

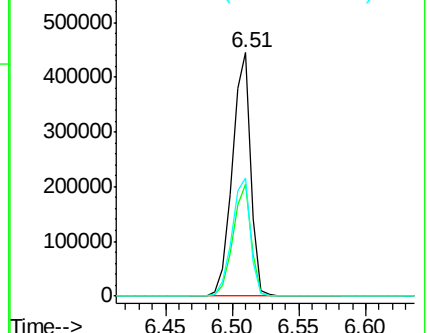
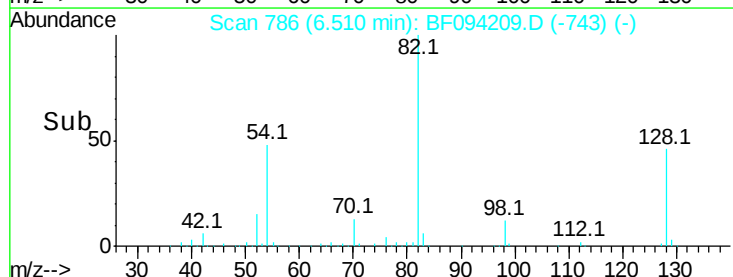
54 48.4 42.2 63.2

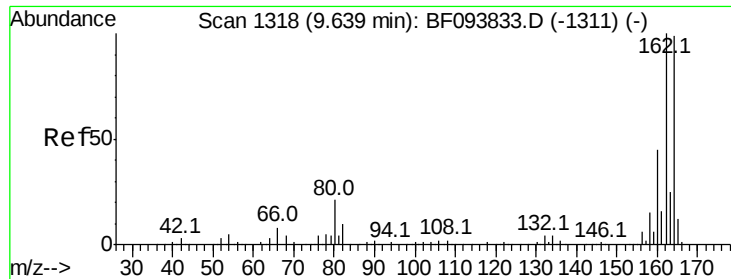


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

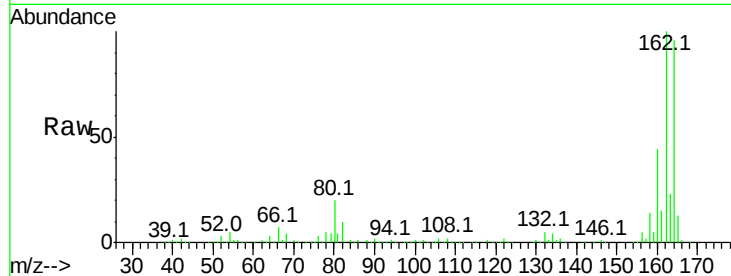




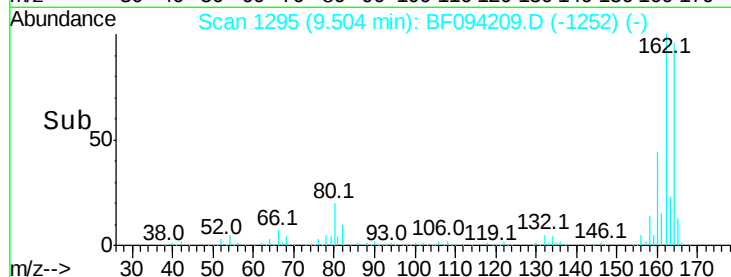
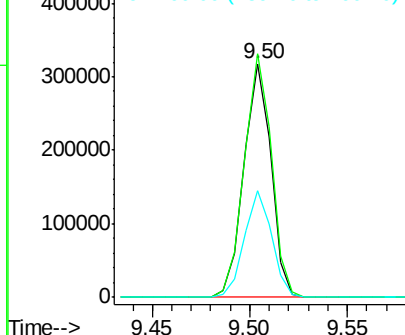
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094209.D
 Acq: 6 Apr 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :
 BASING-1(0-2)

Tot Ion:164 Resp: 306436
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 45.5 36.2 54.2

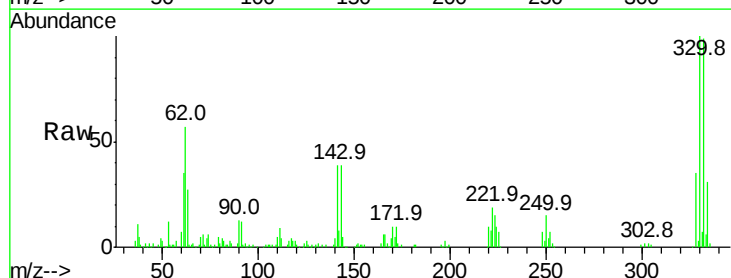


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

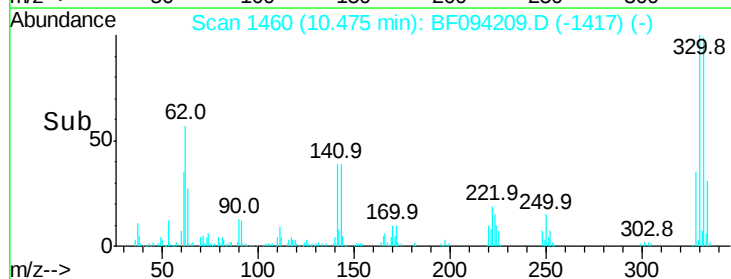
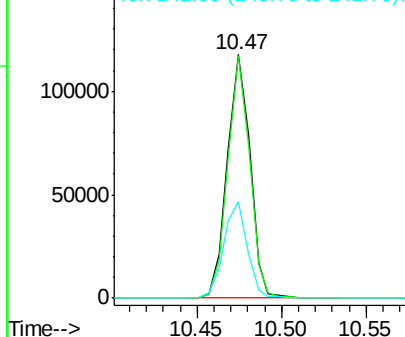


#41
 2,4,6-Tribromophenol
 Concen: 45.88 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.05 min
 Lab File: BF094209.D
 Acq: 6 Apr 2017 00:24

Tgt Ion:330 Resp: 111090
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 41.0 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

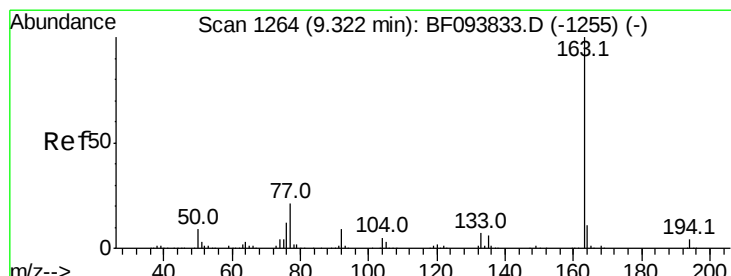
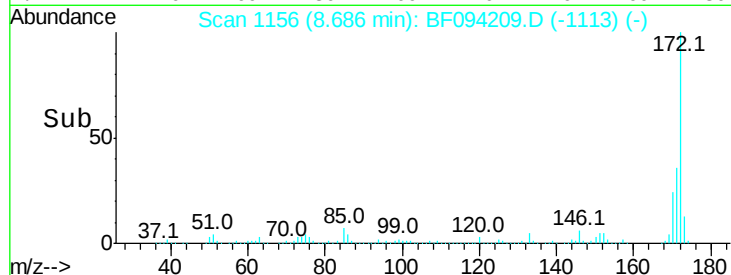
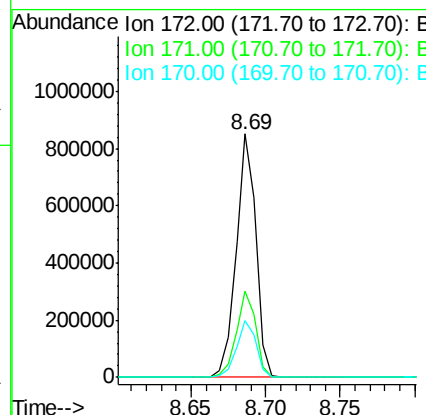
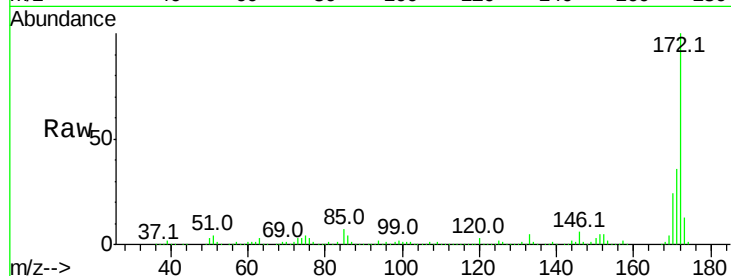




#44
2-Fluorobiphenyl
Concen: 39.55 ng
RT: 8.69 min Scan# 1156
Delta R.T. -0.05 min
Lab File: BF094209.D
Acq: 6 Apr 2017 00:24

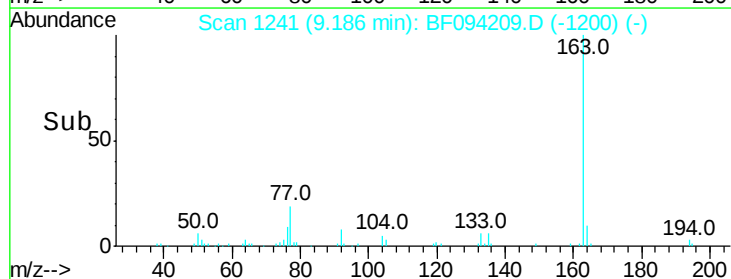
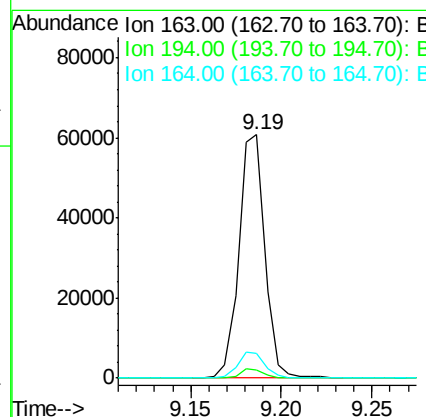
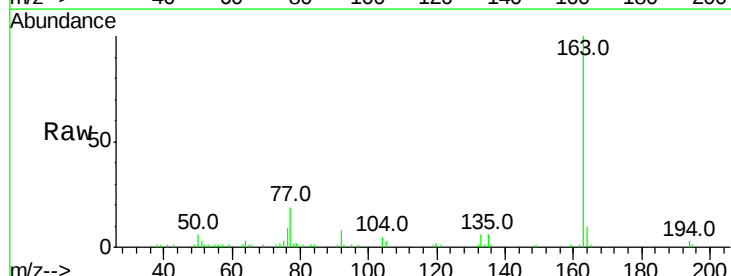
Instrument :
BNA_F
ClientSampled :
BASING-1(0-2)

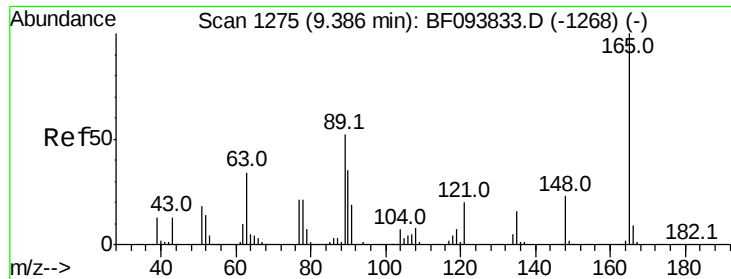
Tot Ion:172 Resp: 794641
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 2.77 ng
RT: 9.19 min Scan# 1241
Delta R.T. -0.06 min
Lab File: BF094209.D
Acq: 6 Apr 2017 00:24

Tgt Ion:163 Resp: 60314
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.4 8.4 12.6

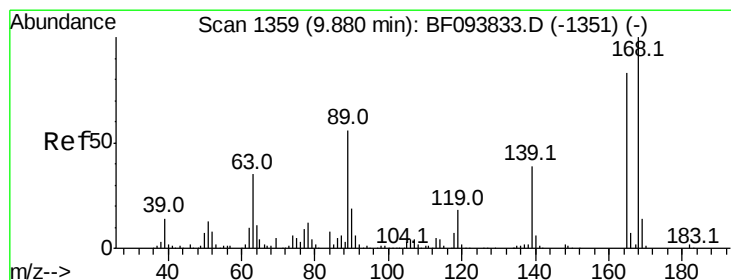
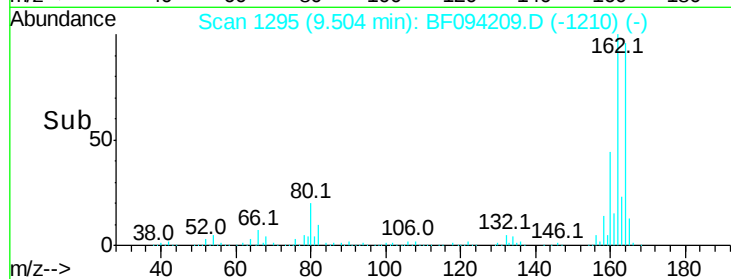
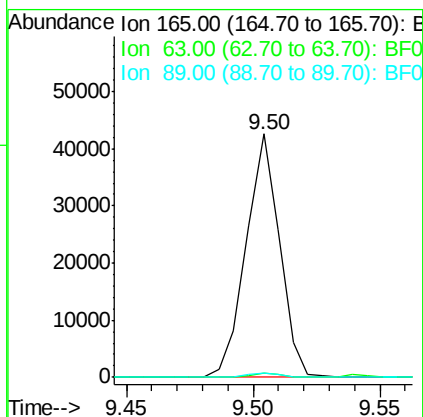
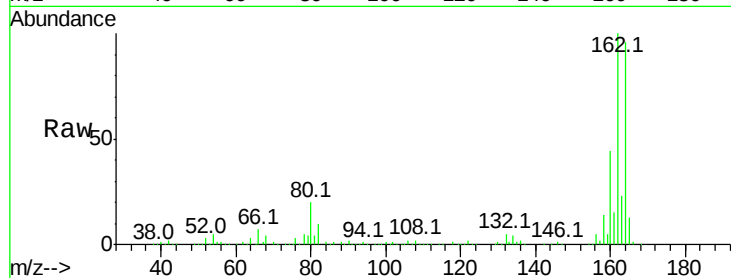




#50
 2,6-Dinitrotoluene
 Concen: 7.87 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. 0.20 min
 Lab File: BF094209.D
 Acq: 6 Apr 2017 00:24

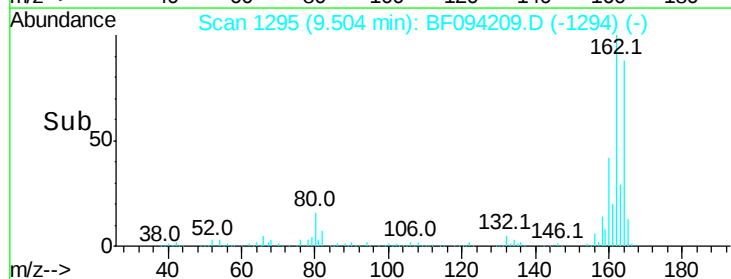
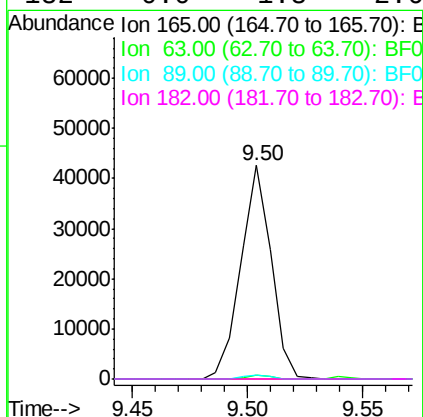
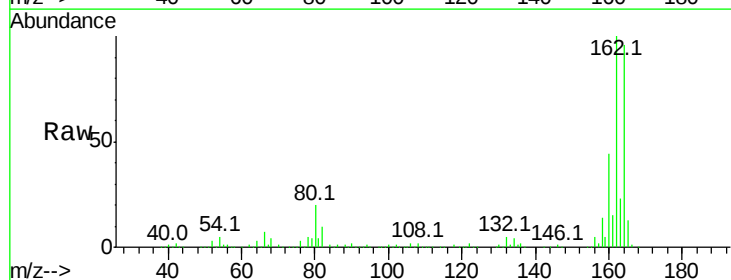
Instrument :
 BNA_F
 ClientSampleId :
 BASING-1(0-2)

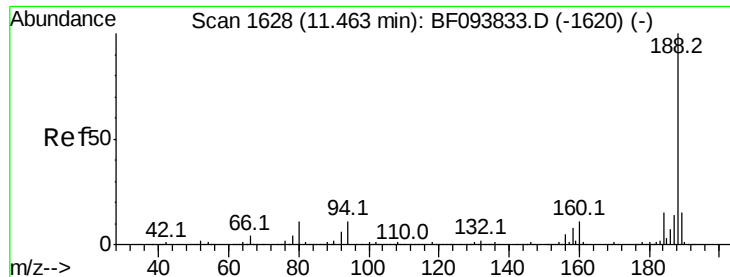
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	1.9	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.29 min
 Lab File: BF094209.D
 Acq: 6 Apr 2017 00:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

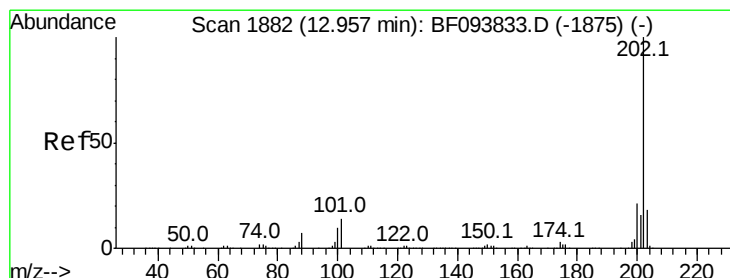
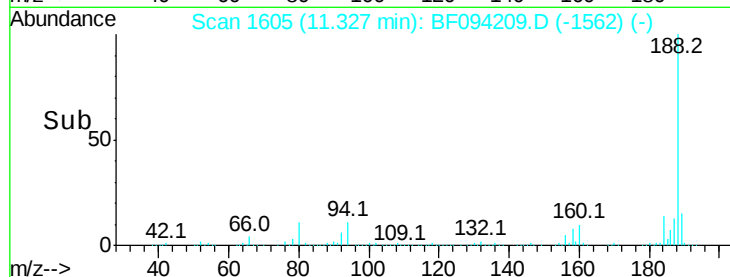
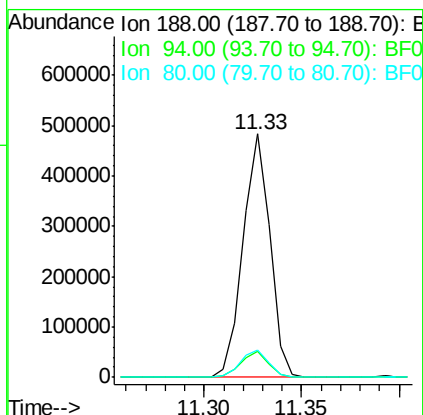
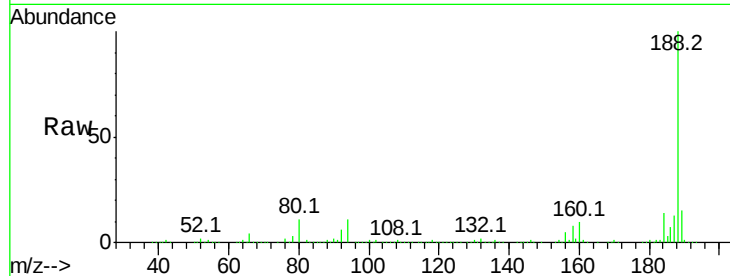




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF094209.D
Acq: 6 Apr 2017 00:24

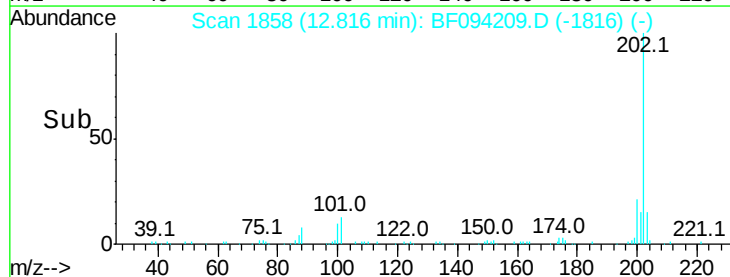
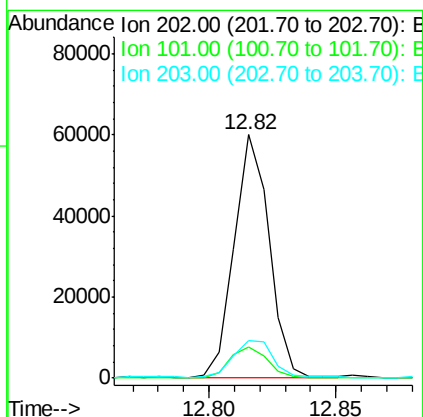
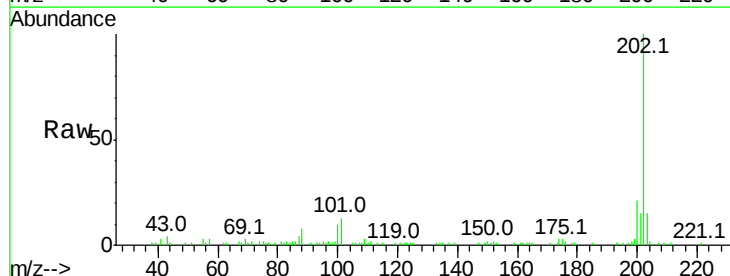
Instrument :
BNA_F
ClientSampleId :
BASING-1(0-2)

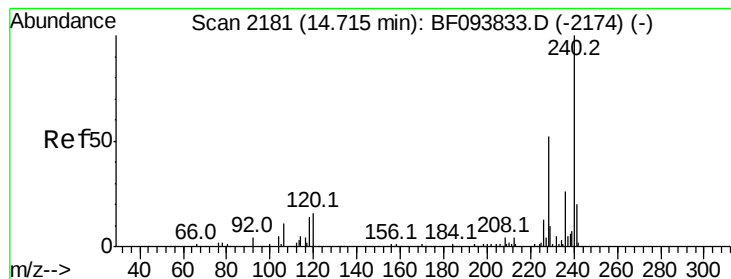
Tot Ion:188 Resp: 464998
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.1 10.2 15.2



#74
Fluoranthene
Concen: 2.18 ng
RT: 12.82 min Scan# 1858
Delta R.T. -0.05 min
Lab File: BF094209.D
Acq: 6 Apr 2017 00:24

Tgt Ion:202 Resp: 57766
Ion Ratio Lower Upper
202 100
101 12.8 0.0 33.2
203 15.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.58 min Scan# 2158

Delta R.T. -0.05 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

Instrument :

BNA_F

ClientSampleId :

BASING-1(0-2)

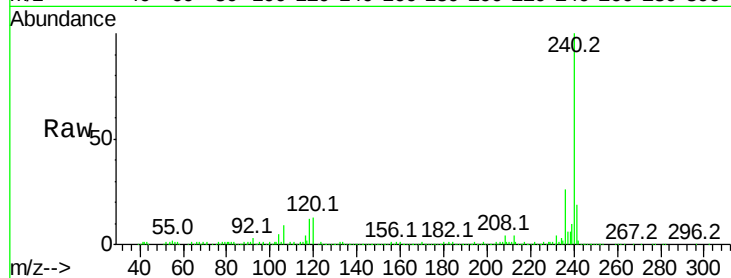
Tot Ion:240 Resp: 370742

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

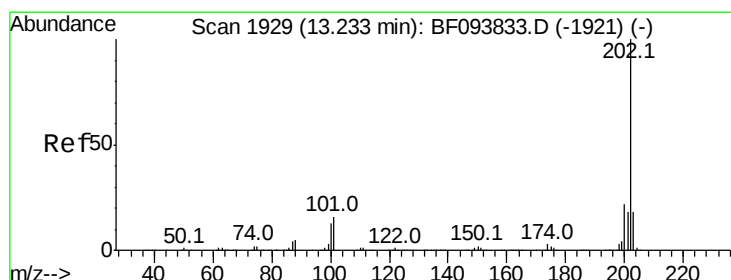
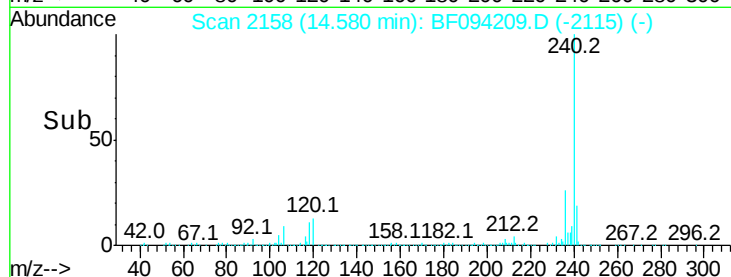
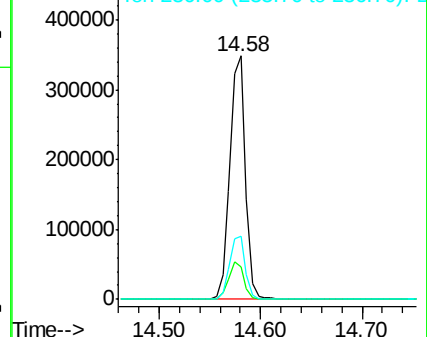
236 25.8 20.5 30.7



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



#77

Pyrene

Concen: 2.07 ng

RT: 13.09 min Scan# 1905

Delta R.T. -0.05 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

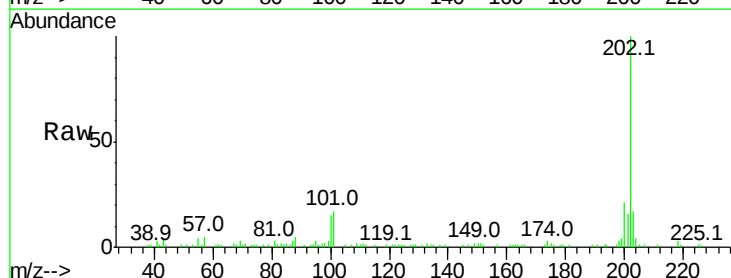
Tgt Ion:202 Resp: 55745

Ion Ratio Lower Upper

202 100

200 20.6 17.6 26.4

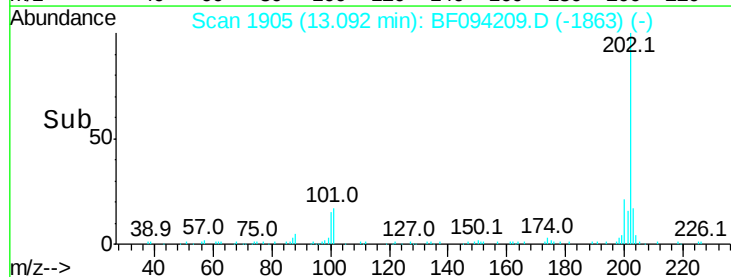
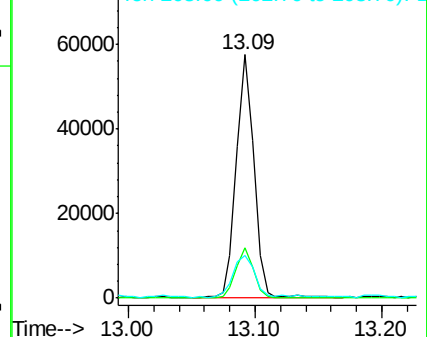
203 17.3 14.4 21.6

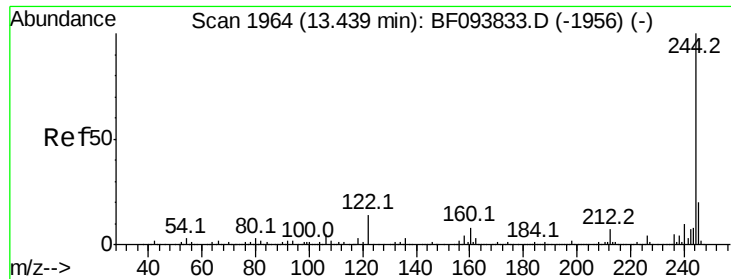


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

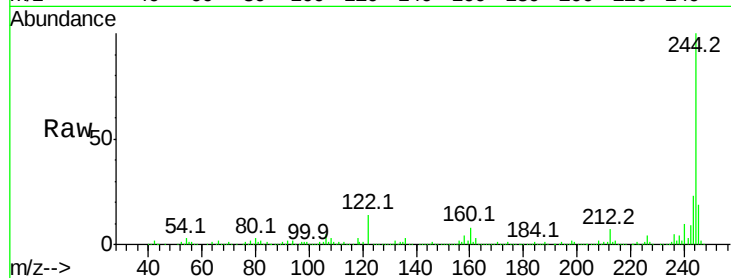




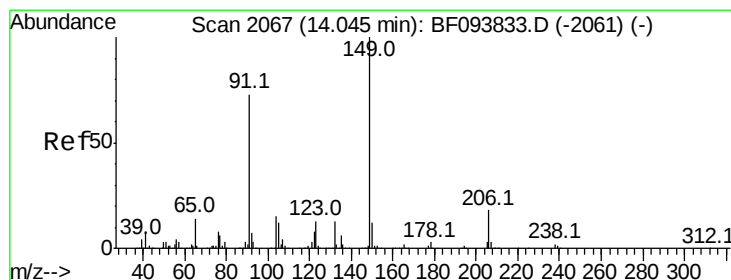
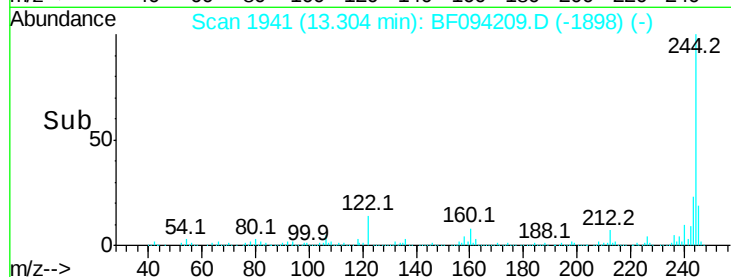
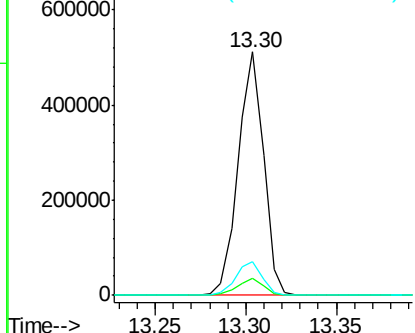
#78
 Terphenyl-d14
 Concen: 30.14 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. -0.05 min
 Lab File: BF094209.D
 Acq: 6 Apr 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :
 BASING-1(0-2)

Tot Ion:244 Resp: 498473
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.1 10.3 15.5

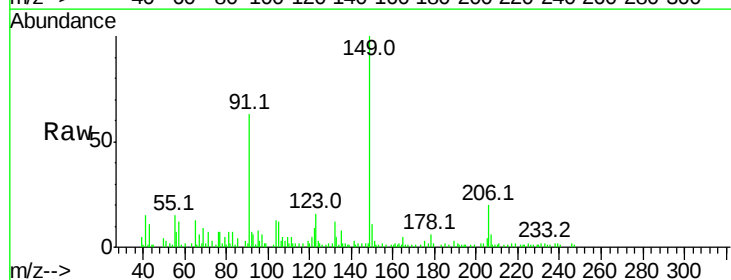


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

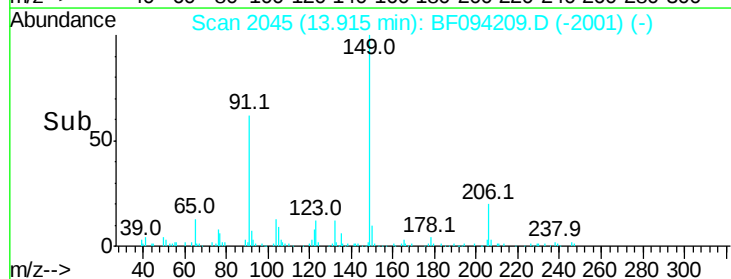
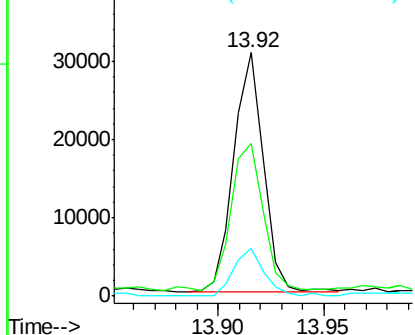


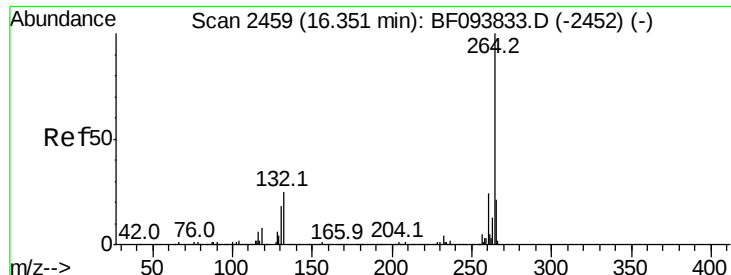
#79
 Butylbenzylphthalate
 Concen: 2.61 ng
 RT: 13.92 min Scan# 2045
 Delta R.T. -0.04 min
 Lab File: BF094209.D
 Acq: 6 Apr 2017 00:24

Tgt Ion:149 Resp: 29881
 Ion Ratio Lower Upper
 149 100
 91 62.9 45.0 67.4
 206 19.8 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.21 min Scan# 2435
 Delta R.T. -0.04 min
 Lab File: BF094209.D
 Acq: 6 Apr 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :
 BASING-1(0-2)

Tot Ion:	264	Resp:	281176
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	17.2	25.8

