

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094360.D
 Acq On : 11 Apr 2017 19:51
 Operator : SJ/MA
 Sample : I2620-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 00:50:44 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

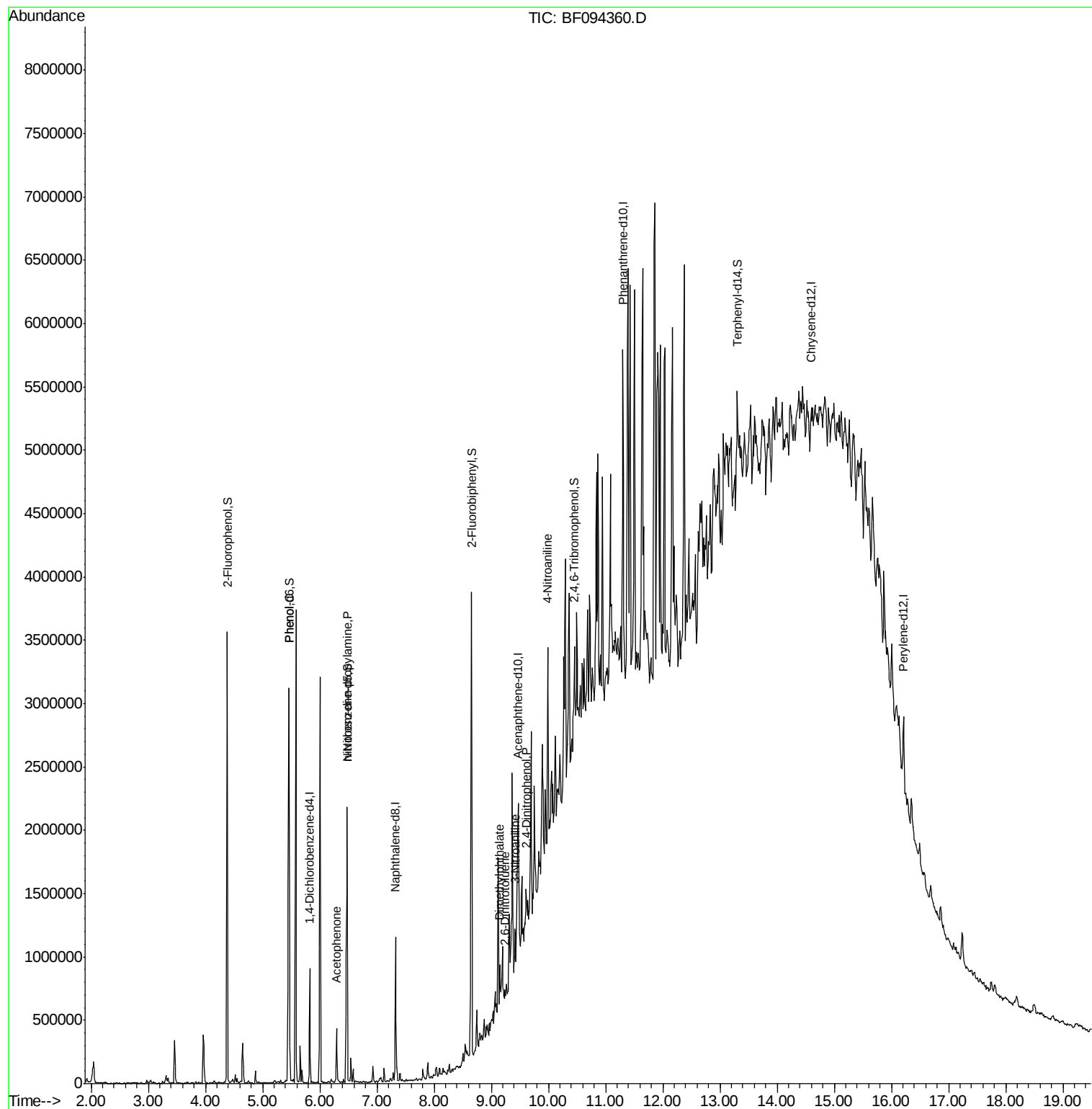
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	144857	20.00	ng	-0.04
21) Naphthalene-d8	7.33	136	555107	20.00	ng	-0.04
38) Acenaphthene-d10	9.47	164	209326	20.00	ng	-0.03
63) Phenanthrene-d10	11.31	188	223137	20.00	ng	-0.01
75) Chrysene-d12	14.60	240	123767	20.00	ng	0.02
86) Perylene-d12	16.22	264	156476	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	1083420	126.33	ng	0.00
7) Phenol-d6	5.46	99	1491517	140.58	ng	0.00
23) Nitrobenzene-d5	6.48	82	933029	95.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	170917	103.33	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1484868	108.20	ng	-0.03
78) Terphenyl-d14	13.30	244	544036	98.53	ng	0.00
Target Compounds						
10) Phenol	5.47	94	110243	9.13	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	6.48	70	127008	18.63	ng	# 76
22) Acetophenone	6.29	105	116233	9.39	ng	# 85
49) Dimethylphthalate	9.15	163	148405	9.97	ng	# 99
50) 2,6-Dinitrotoluene	9.24	165	9294	2.72	ng	# 40
52) 3-Nitroaniline	9.42	138	13701	3.42	ng	# 13
53) 2,4-Dinitrophenol	9.62	184	106	4.72	ng	# 1
61) 4-Nitroaniline	9.99	138	21408	5.57	ng	80

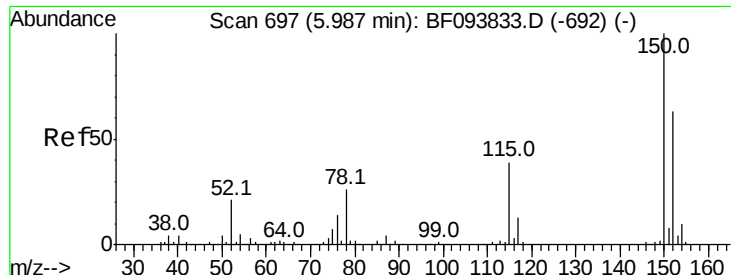
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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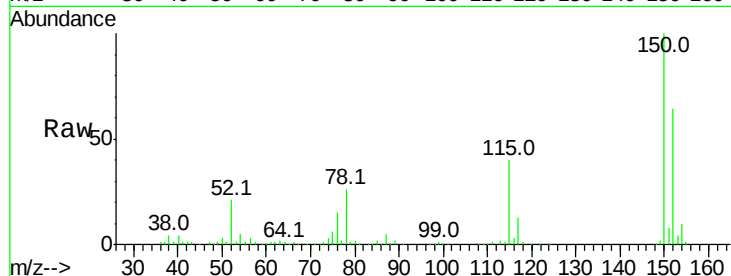


#1

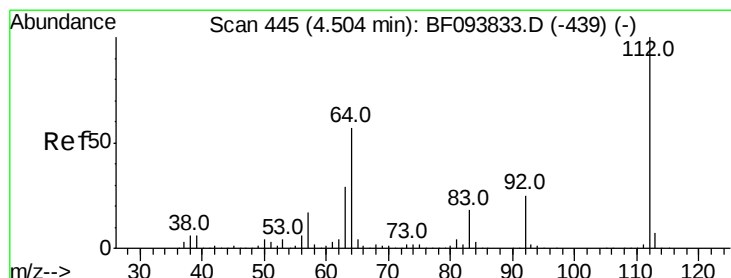
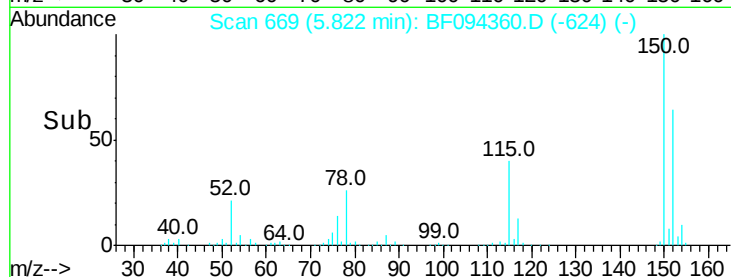
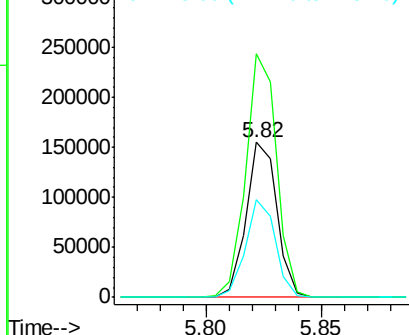
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 669
Delta R.T. -0.04 min
Lab File: BF094360.D
Acq: 11 Apr 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144857
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 62.7 52.2 78.2



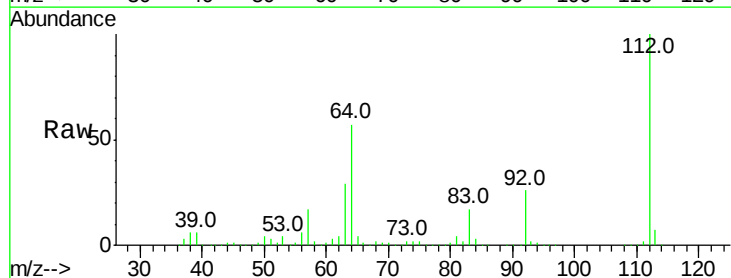
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



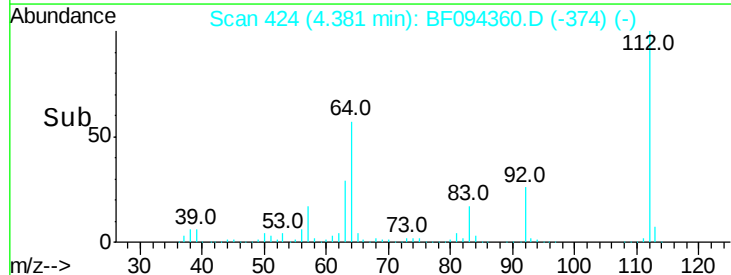
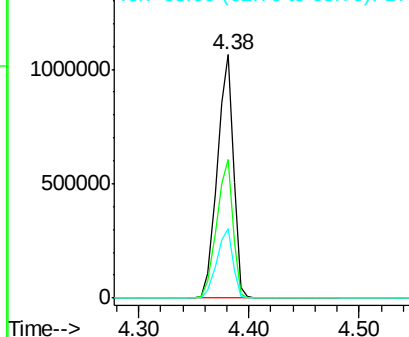
#5

2-Fluorophenol
Concen: 126.33 ng
RT: 4.38 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF094360.D
Acq: 11 Apr 2017 19:51

Tgt Ion:112 Resp: 1083420
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 28.7 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: 140.58 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094360.D

Acq: 11 Apr 2017 19:51

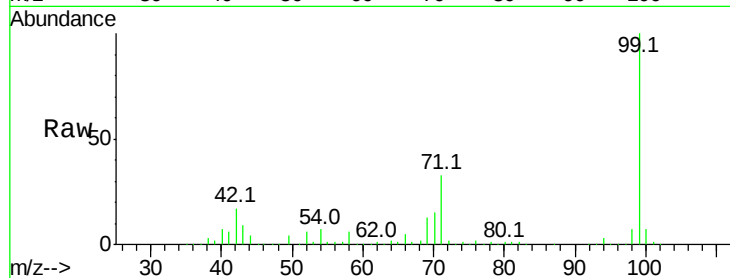
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1491517

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	33.1	24.5	36.7

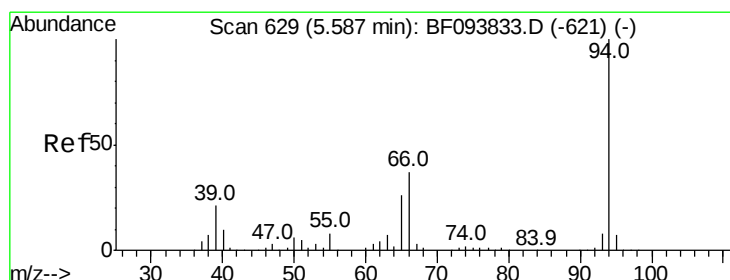
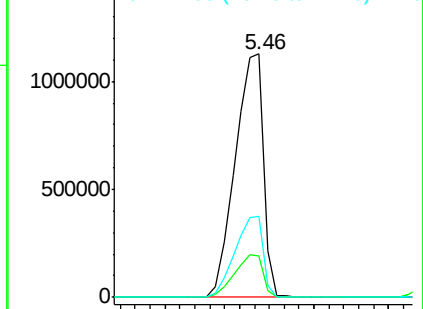
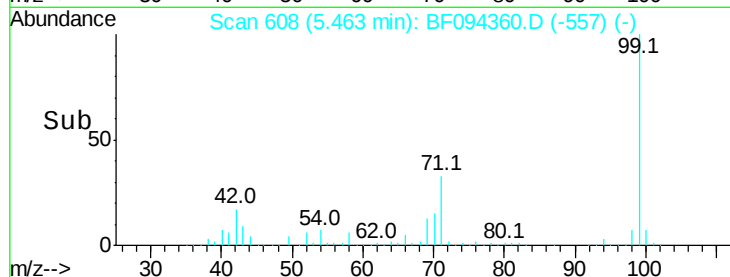


Abundance

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: 9.13 ng

RT: 5.47 min Scan# 609

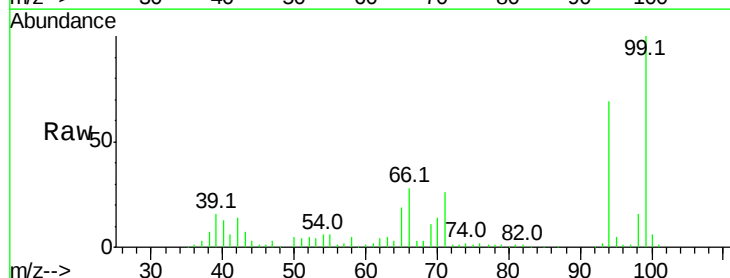
Delta R.T. -0.01 min

Lab File: BF094360.D

Acq: 11 Apr 2017 19:51

Tgt Ion: 94 Resp: 110243

Ion	Ratio	Lower	Upper
94	100		
65	26.9	9.9	49.9
66	41.1	23.1	63.1

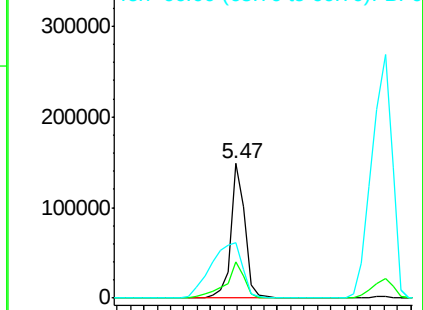
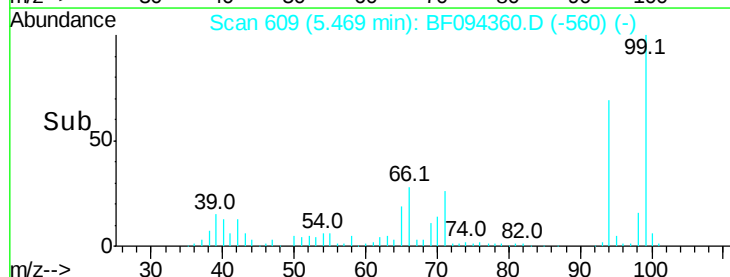


Abundance

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

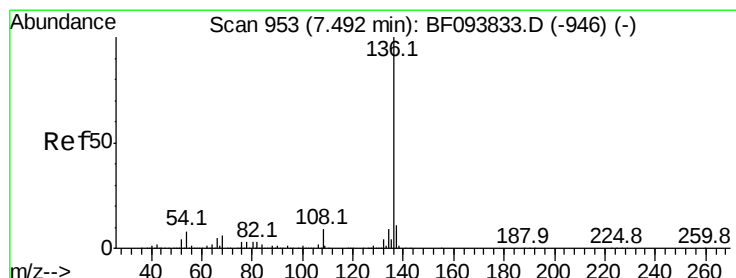
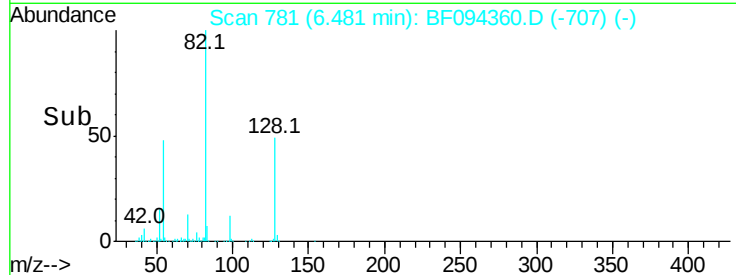
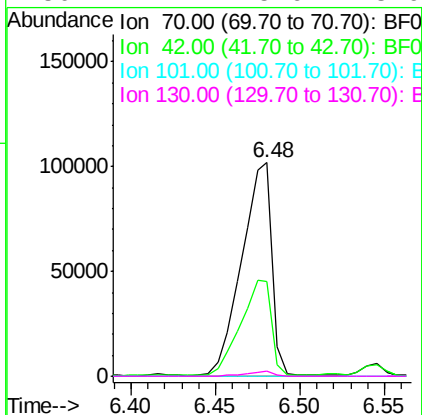
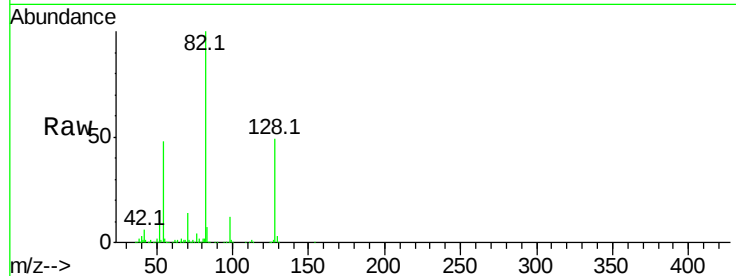




#19
n-Nitroso-di-n-propylamine
Concen: 18.63 ng
RT: 6.48 min Scan# 781
Delta R.T. 0.14 min
Lab File: BF094360.D
Acq: 11 Apr 2017 19:51

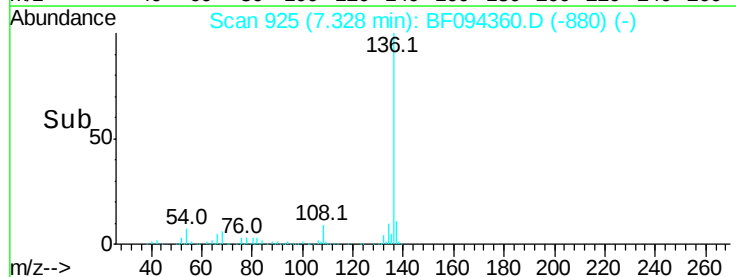
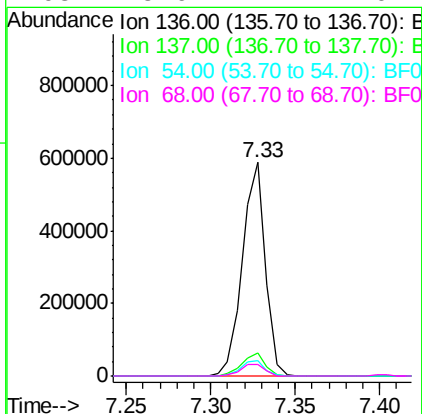
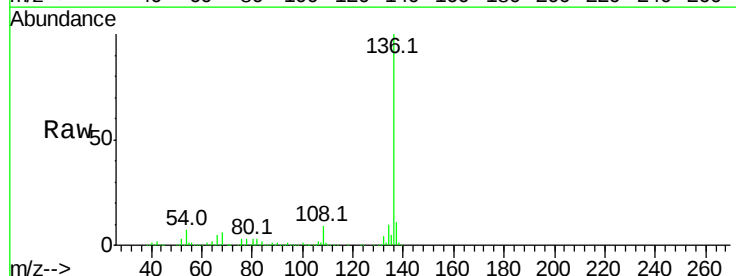
Instrument :
BNA_F
ClientSampleId :

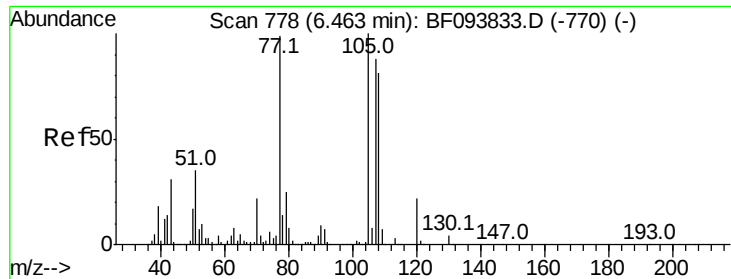
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.33 min Scan# 925
Delta R.T. -0.04 min
Lab File: BF094360.D
Acq: 11 Apr 2017 19:51

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.0	4.9	7.3
68	5.6	4.1	6.1





#22

Acetophenone

Concen: 9.39 ng

RT: 6.29 min Scan# 749

Delta R.T. -0.04 min

Lab File: BF094360.D

Acq: 11 Apr 2017 19:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 116233

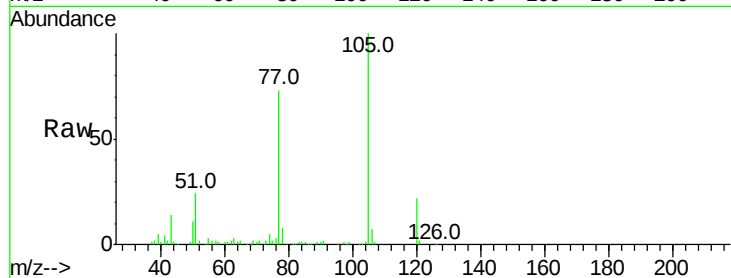
Ion Ratio Lower Upper

105 100

71 1.5 2.8 4.2#

51 24.2 30.7 46.1#

120 22.1 17.4 26.0

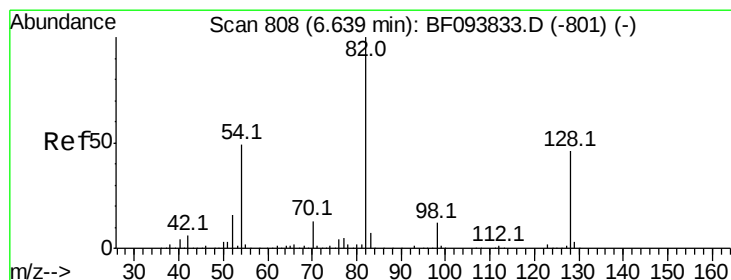
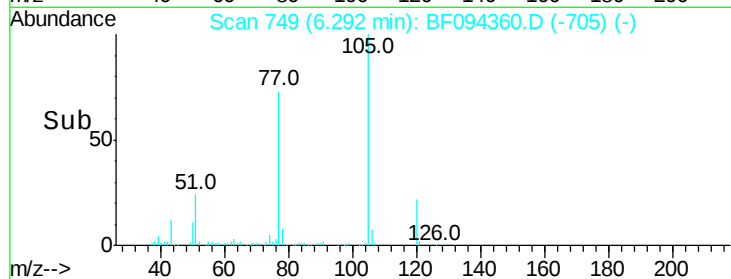
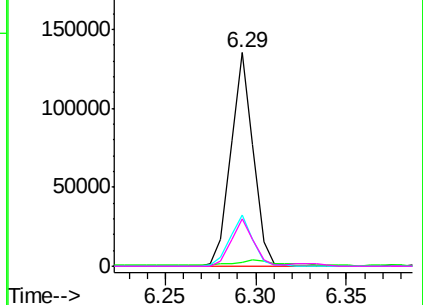


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 95.92 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF094360.D

Acq: 11 Apr 2017 19:51

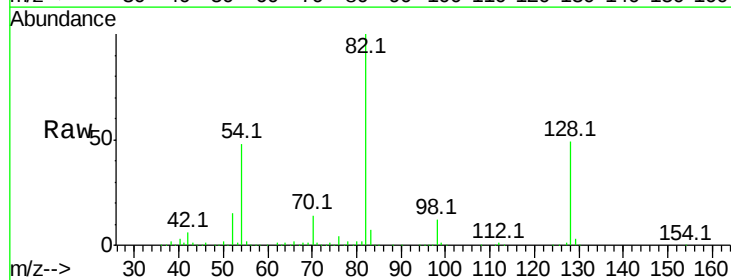
Tgt Ion: 82 Resp: 933029

Ion Ratio Lower Upper

82 100

128 48.8 34.0 51.0

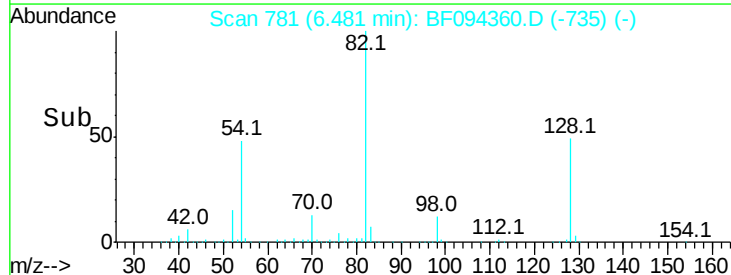
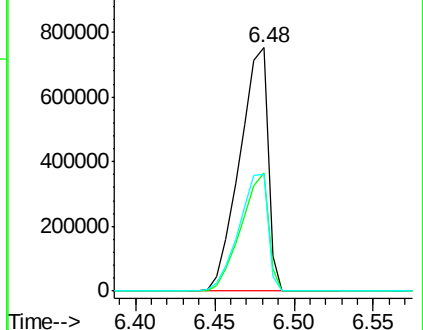
54 48.0 42.2 63.2

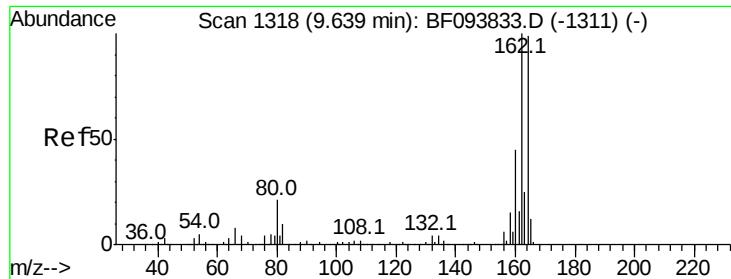


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.47 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF094360.D

Acq: 11 Apr 2017 19:51

Instrument :

BNA_F

ClientSampleId :

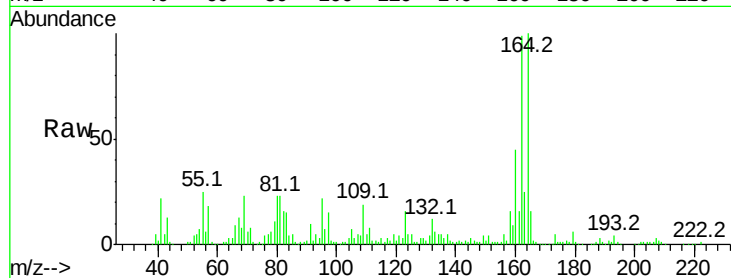
Tot Ion:164 Resp: 209326

Ion Ratio Lower Upper

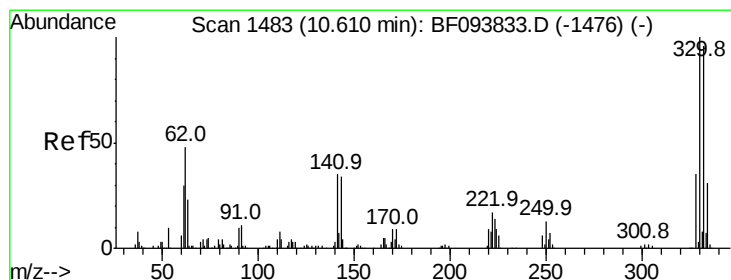
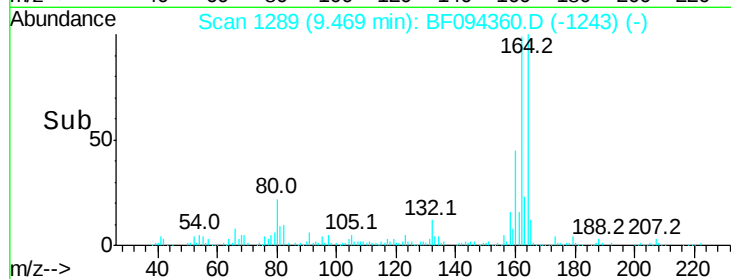
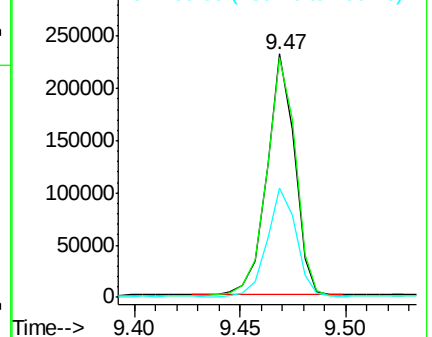
164 100

162 98.7 82.6 123.8

160 45.0 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: 103.33 ng

RT: 10.46 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF094360.D

Acq: 11 Apr 2017 19:51

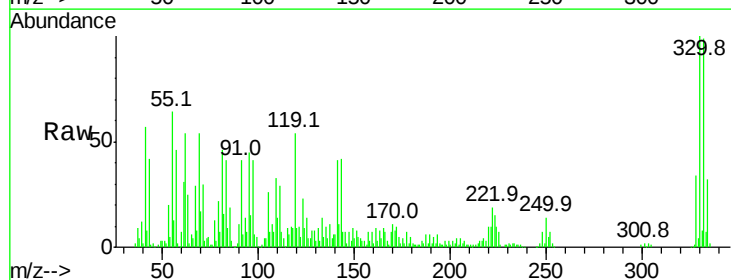
Tgt Ion:330 Resp: 170917

Ion Ratio Lower Upper

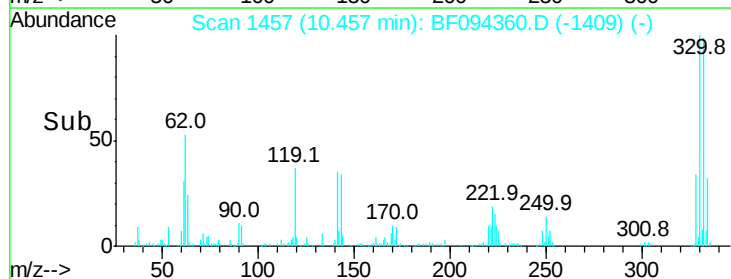
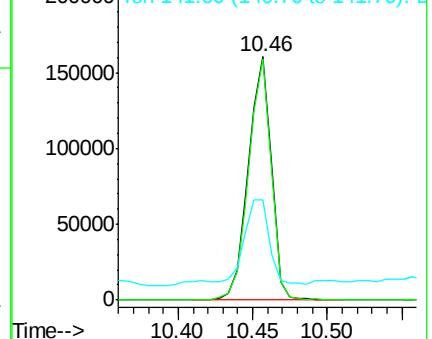
330 100

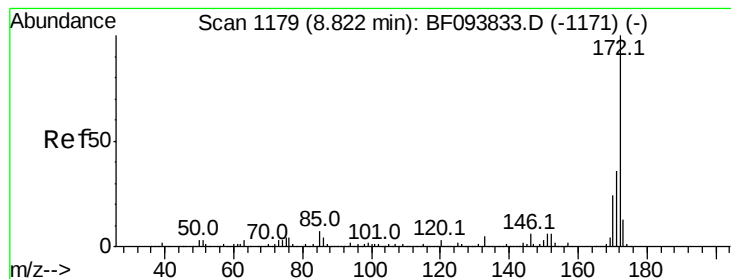
332 97.6 76.6 115.0

141 42.5 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

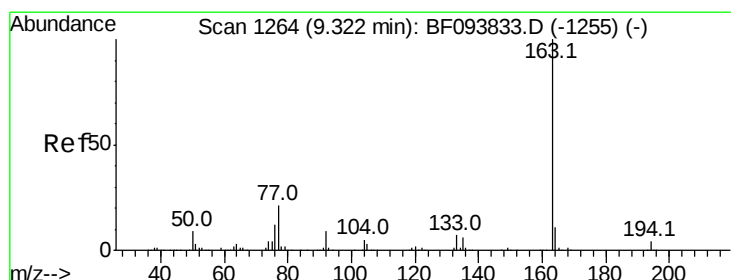
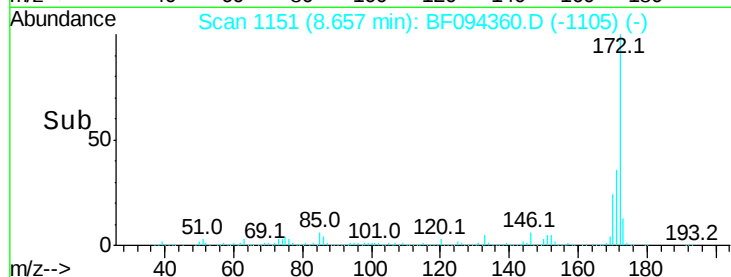
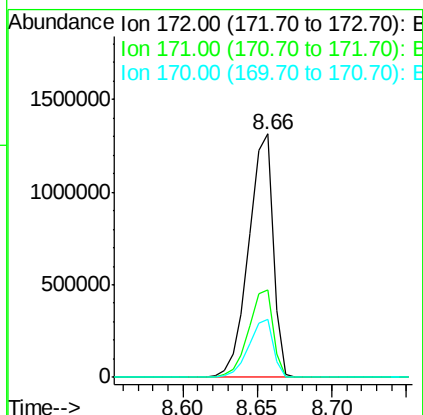
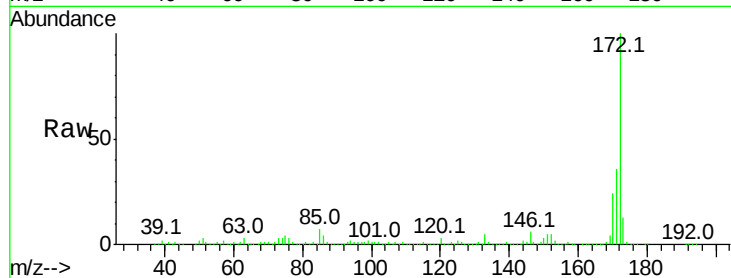




#44
2-Fluorobiphenyl
Concen: 108.20 ng
RT: 8.66 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF094360.D
Acq: 11 Apr 2017 19:51

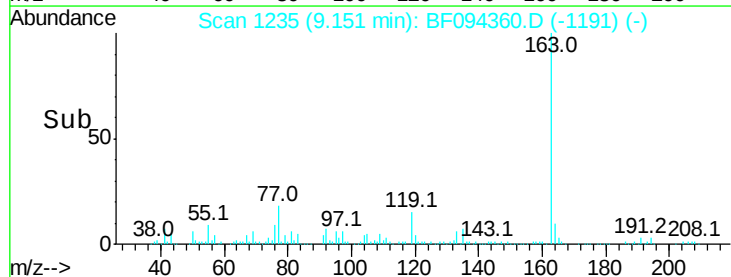
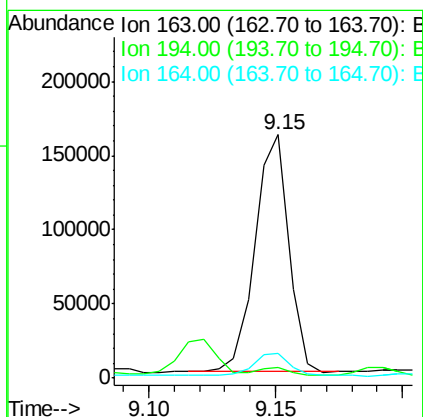
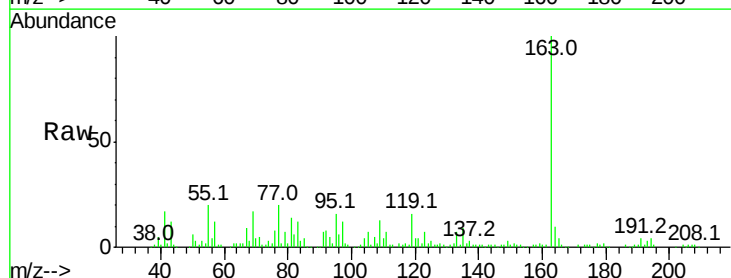
Instrument :
BNA_F
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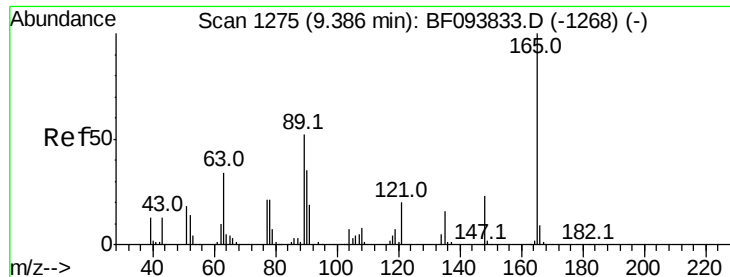
Tot Ion:172 Resp: 1484868
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 9.97 ng
RT: 9.15 min Scan# 1235
Delta R.T. -0.04 min
Lab File: BF094360.D
Acq: 11 Apr 2017 19:51

Tgt Ion:163 Resp: 148405
Ion Ratio Lower Upper
163 100
194 4.4 2.6 4.0#
164 10.2 8.4 12.6

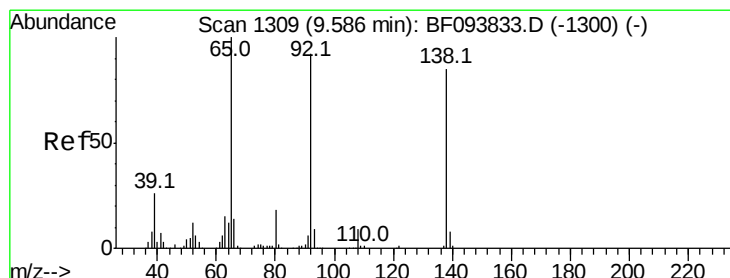
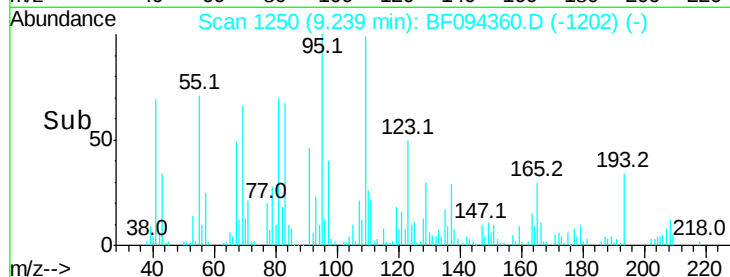
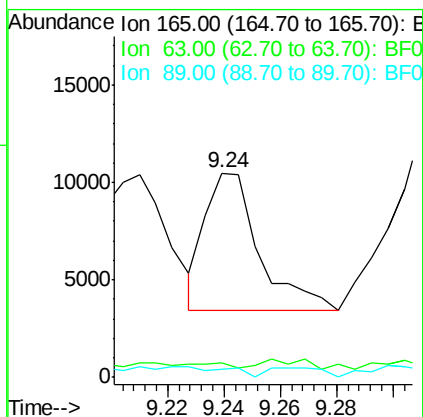
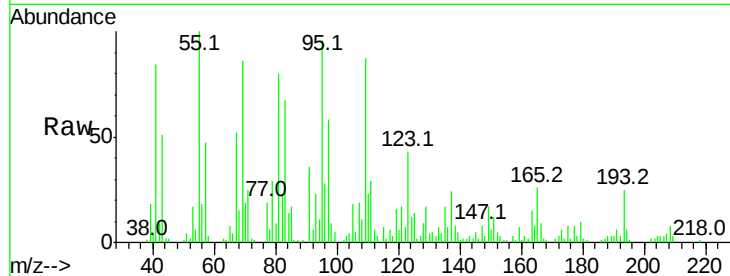




#50
 2,6-Dinitrotoluene
 Concen: 2.72 ng
 RT: 9.24 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF094360.D
 Acq: 11 Apr 2017 19:51

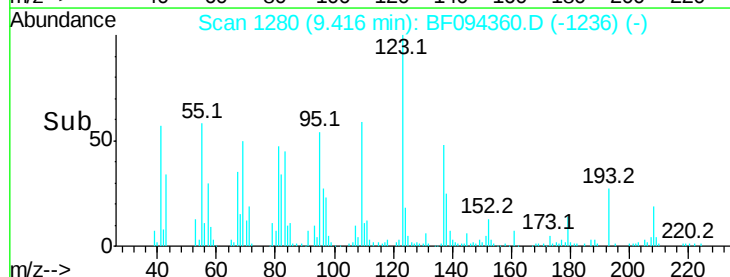
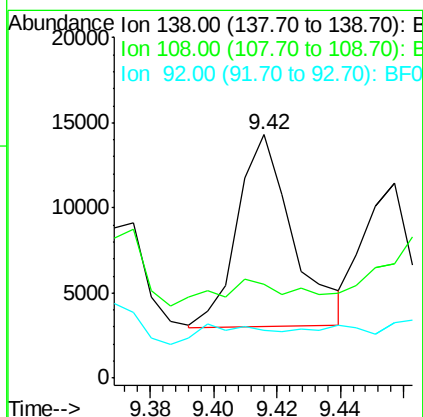
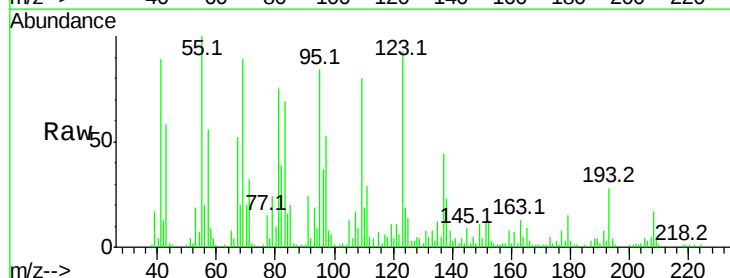
Instrument :
 BNA_F
 ClientSampleId :

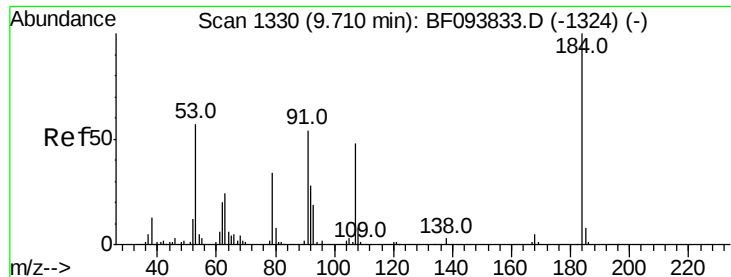
Tot Ion:165 Resp: 9294
 Ion Ratio Lower Upper
 165 100
 63 6.8 34.3 51.5#
 89 3.9 37.1 55.7#



#52
 3-Nitroaniline
 Concen: 3.42 ng
 RT: 9.42 min Scan# 1280
 Delta R.T. -0.04 min
 Lab File: BF094360.D
 Acq: 11 Apr 2017 19:51

Tgt Ion:138 Resp: 13701
 Ion Ratio Lower Upper
 138 100
 108 38.6 9.1 13.7#
 92 19.7 93.8 140.6#

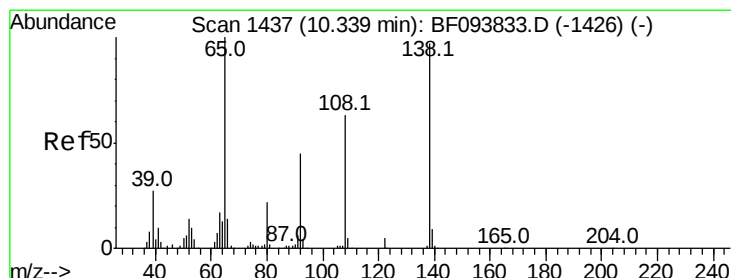
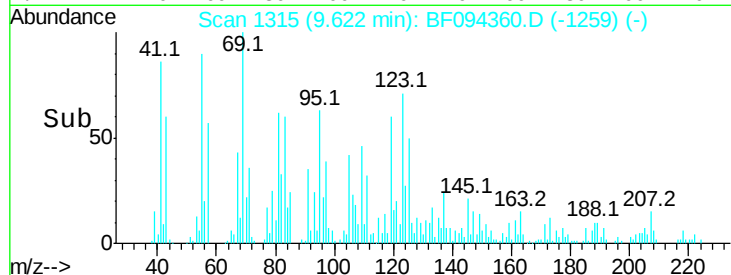
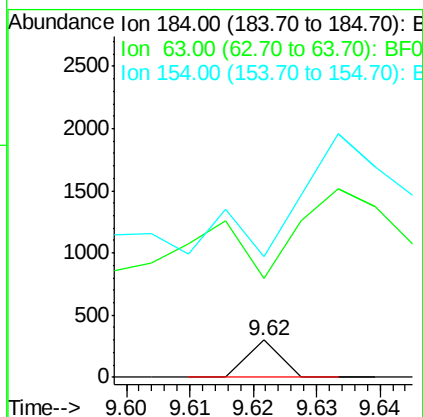
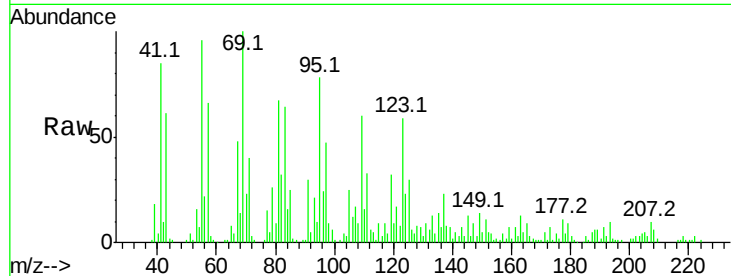




#53
 2,4-Dinitrophenol
 Concen: 4.72 ng
 RT: 9.62 min Scan# 1315
 Delta R.T. 0.03 min
 Lab File: BF094360.D
 Acq: 11 Apr 2017 19:51

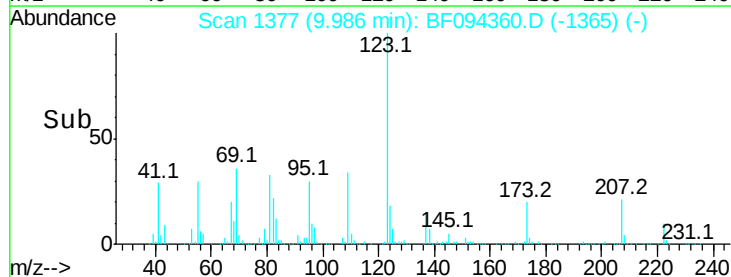
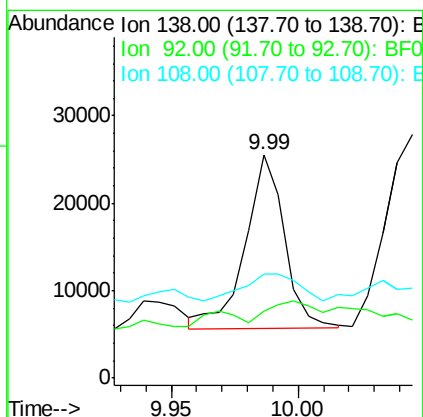
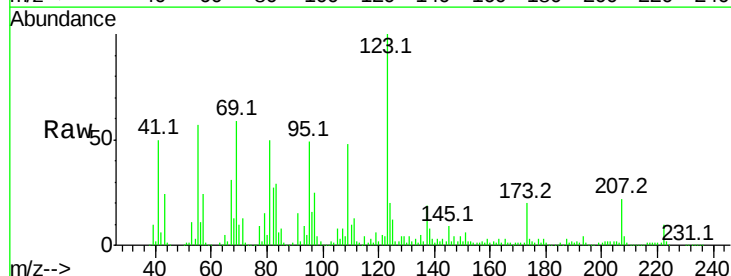
Instrument :
 BNA_F
 ClientSampleId :

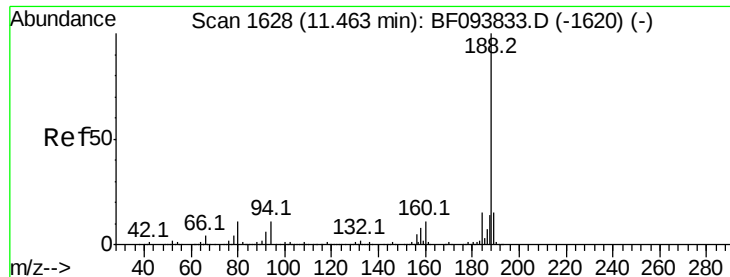
Tot Ion:184 Resp: 106
 Ion Ratio Lower Upper
 184 100
 63 264.5 62.7 94.1#
 154 322.9 81.1 121.7#



#61
 4-Nitroaniline
 Concen: 5.57 ng
 RT: 9.99 min Scan# 1377
 Delta R.T. -0.23 min
 Lab File: BF094360.D
 Acq: 11 Apr 2017 19:51

Tgt Ion:138 Resp: 21408
 Ion Ratio Lower Upper
 138 100
 92 30.0 21.8 61.8
 108 46.8 42.3 82.3

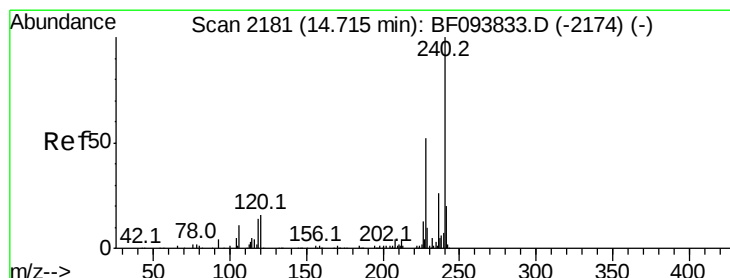
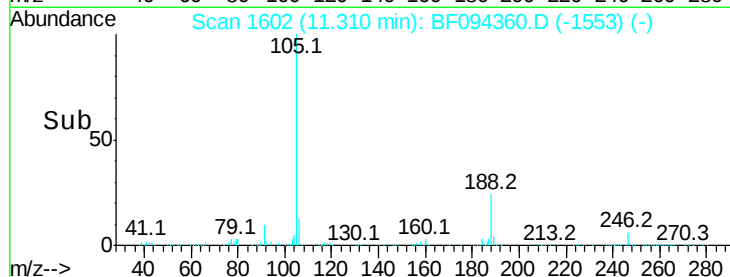
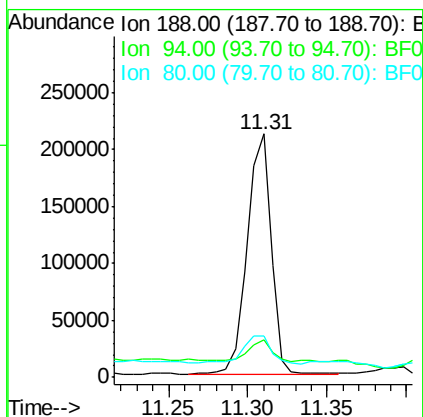
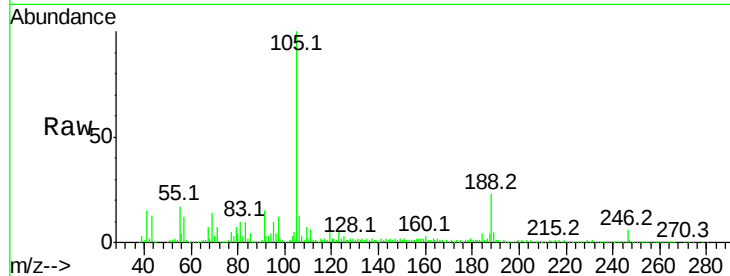




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF094360.D
Acq: 11 Apr 2017 19:51

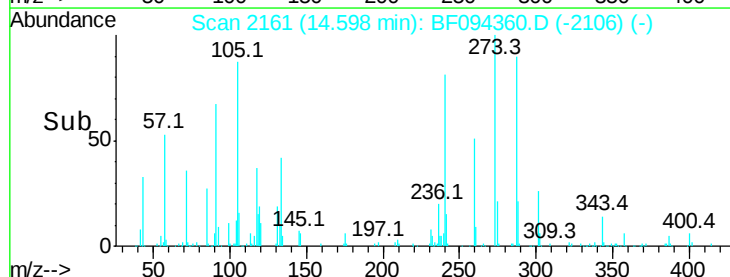
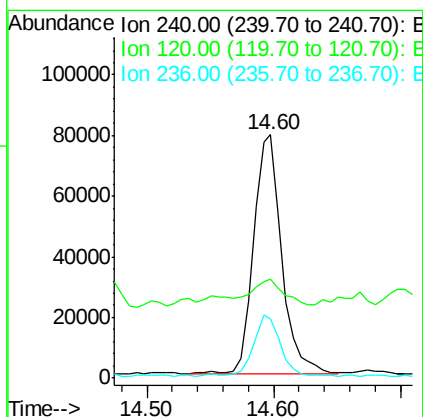
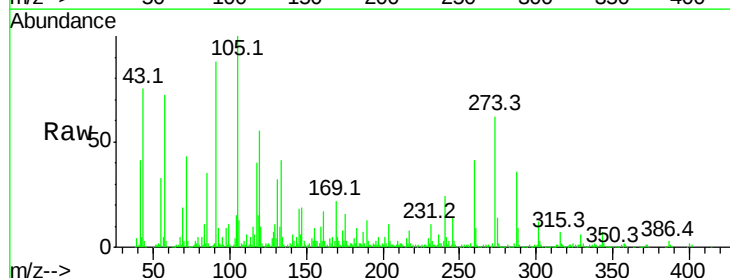
Instrument :
BNA_F
ClientSampleId :

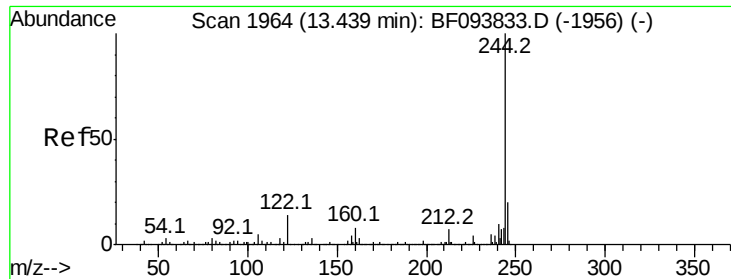
Tot Ion:188 Resp: 223137
Ion Ratio Lower Upper
188 100
94 15.3 9.4 14.2#
80 16.9 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.60 min Scan# 2161
Delta R.T. 0.02 min
Lab File: BF094360.D
Acq: 11 Apr 2017 19:51

Tgt Ion:240 Resp: 123767
Ion Ratio Lower Upper
240 100
120 40.8 5.8 8.8#
236 24.5 20.5 30.7

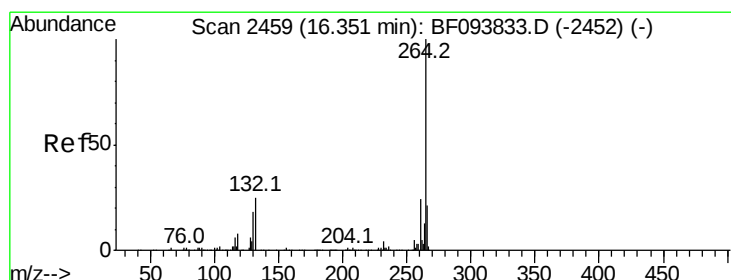
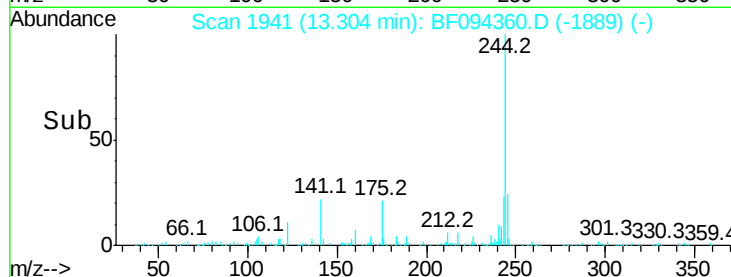
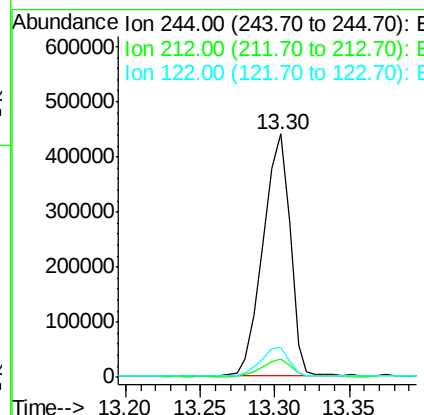
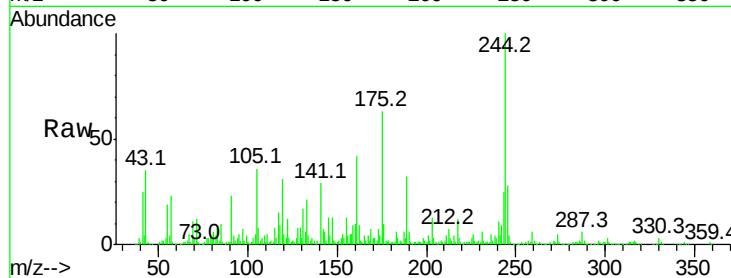




#78
 Terphenyl-d14
 Concen: 98.53 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF094360.D
 Acq: 11 Apr 2017 19:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 544036
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 12.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.22 min Scan# 2436
 Delta R.T. 0.02 min
 Lab File: BF094360.D
 Acq: 11 Apr 2017 19:51

Tgt Ion:264 Resp: 156476
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 22.9 17.2 25.8

