

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094323.D
 Acq On : 10 Apr 2017 20:44
 Operator : SJ/MA
 Sample : I2601-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:50:37 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

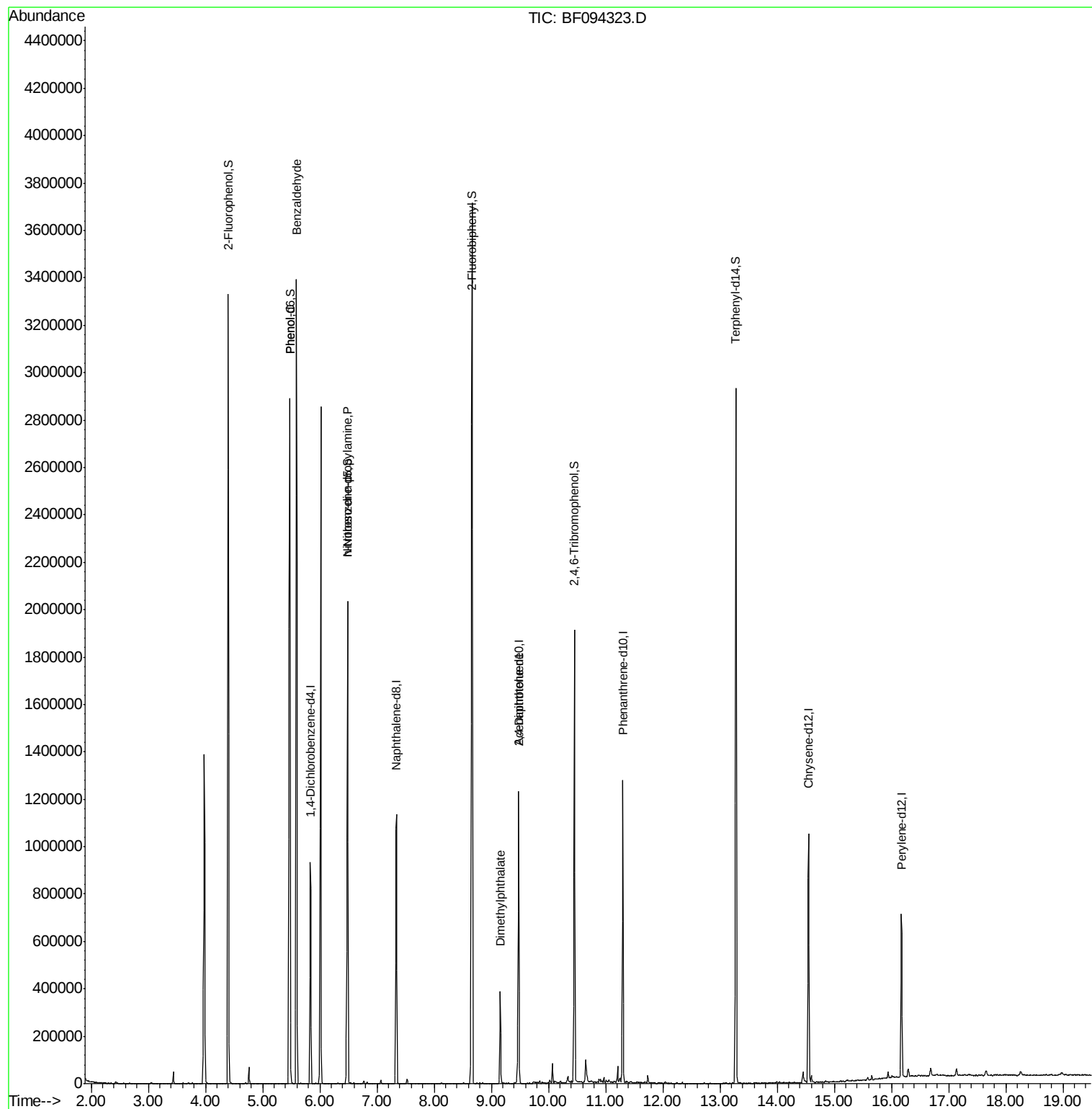
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	157606	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	633516	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	291168	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	517340	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	402435	20.00	ng	-0.02
86) Perylene-d12	16.17	264	271936	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	962624	103.16	ng	0.01
7) Phenol-d6	5.47	99	1250823	108.36	ng	0.01
23) Nitrobenzene-d5	6.49	82	804913	72.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	246120	106.97	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1445968	75.75	ng	-0.02
78) Terphenyl-d14	13.28	244	1146966	63.88	ng	-0.02
Target Compounds						
9) Benzaldehyde	5.59	77	21591	2.77	ng	Qvalue 81
10) Phenol	5.48	94	79578	6.06	ng	98
19) n-Nitroso-di-n-propylamine	6.49	70	107777	14.53	ng	# 78
49) Dimethylphthalate	9.16	163	163839	7.92	ng	99
56) 2,4-Dinitrotoluene	9.47	165	36896	6.19	ng	# 33

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

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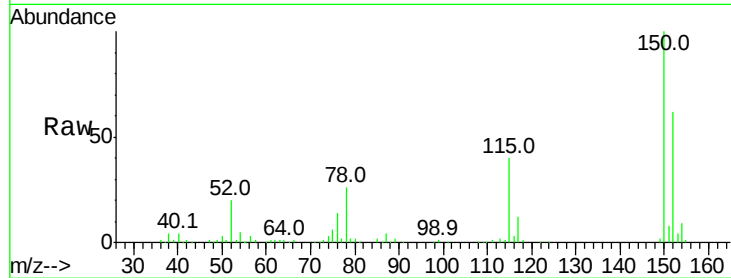


#1

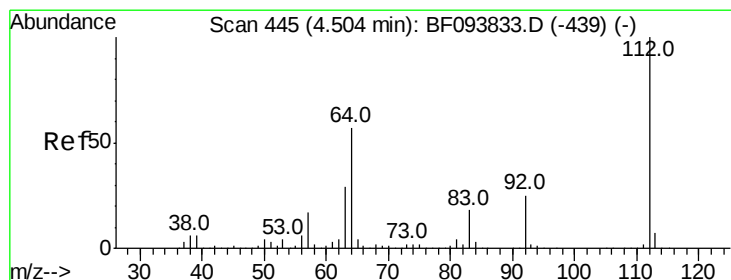
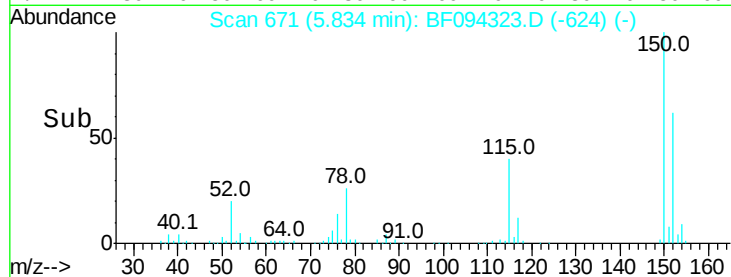
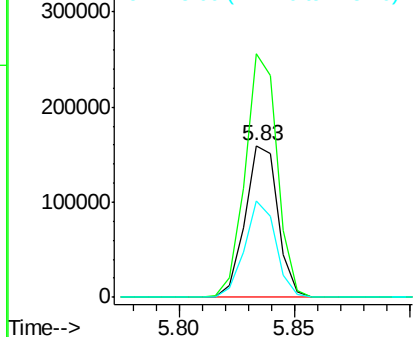
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF094323.D
Acq: 10 Apr 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 157606
Ion Ratio Lower Upper
152 100
150 160.7 126.2 189.2
115 64.0 52.2 78.2



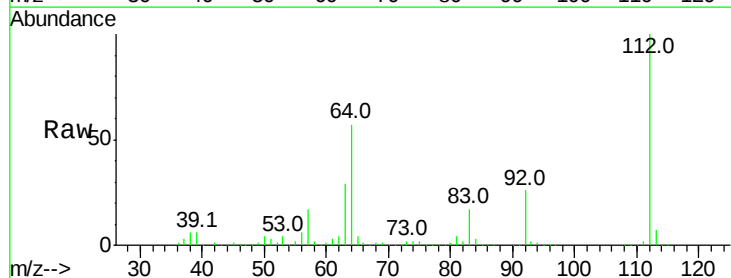
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



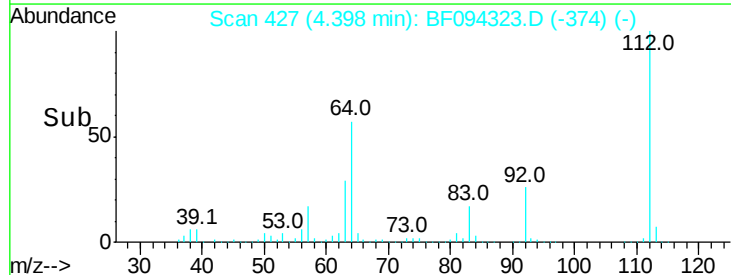
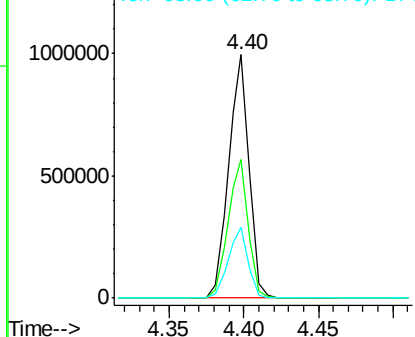
#5

2-Fluorophenol
Concen: 103.16 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094323.D
Acq: 10 Apr 2017 20:44

Tgt Ion:112 Resp: 962624
Ion Ratio Lower Upper
112 100
64 57.0 46.0 69.0
63 28.9 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: 108.36 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094323.D

Acq: 10 Apr 2017 20:44

Instrument :

BNA_F

ClientSampled :

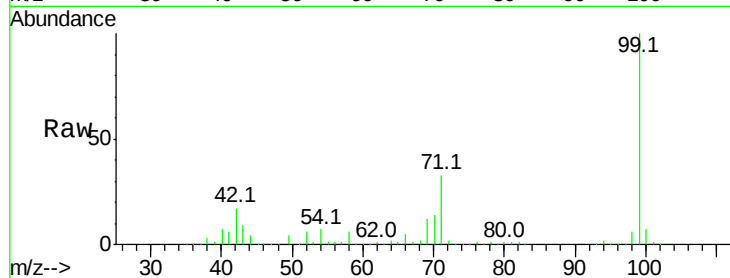
Tot Ion: 99 Resp: 1250823

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

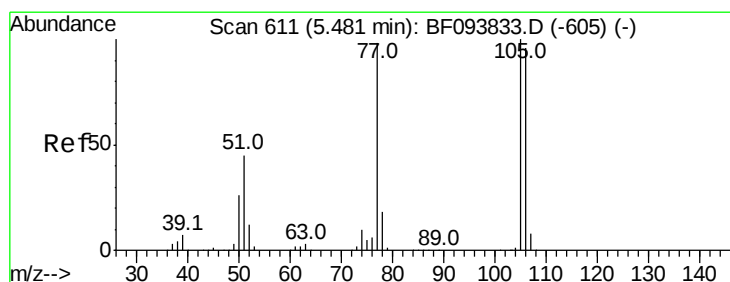
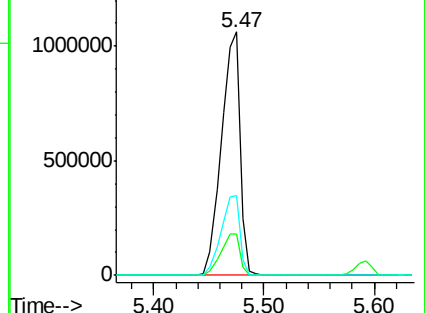
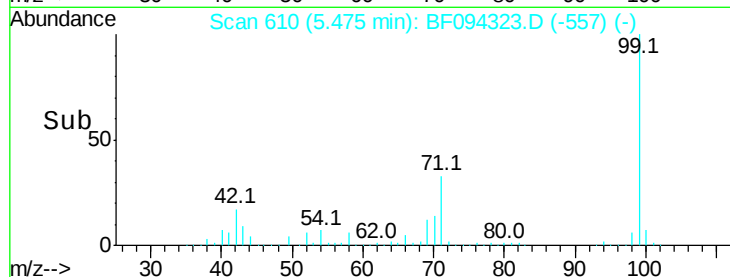
71 32.7 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.77 ng

RT: 5.59 min Scan# 630

Delta R.T. 0.24 min

Lab File: BF094323.D

Acq: 10 Apr 2017 20:44

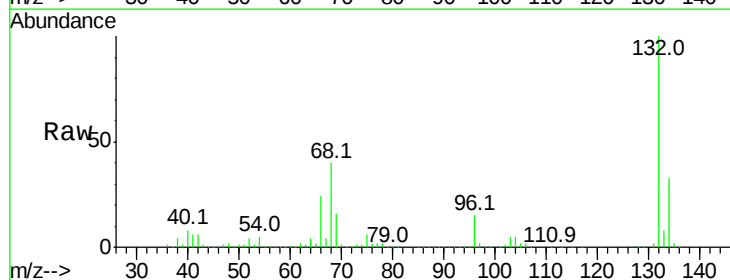
Tgt Ion: 77 Resp: 21591

Ion Ratio Lower Upper

77 100

105 86.0 83.8 123.8

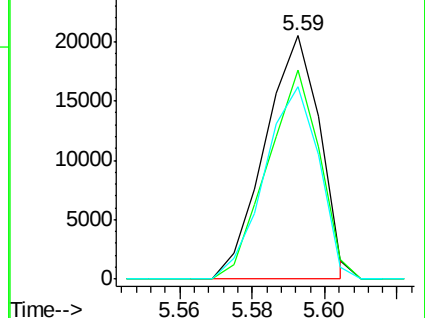
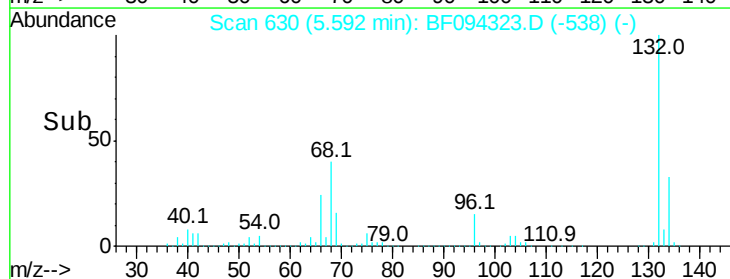
106 79.3 79.1 119.1

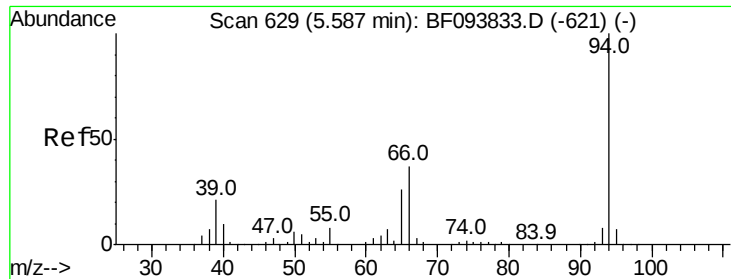


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 6.06 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094323.D

Acq: 10 Apr 2017 20:44

Instrument :

BNA_F

ClientSampleId :

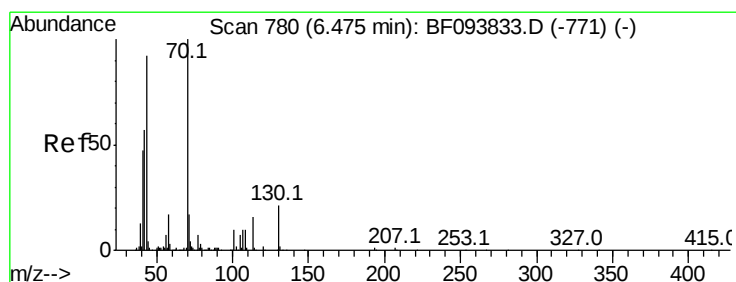
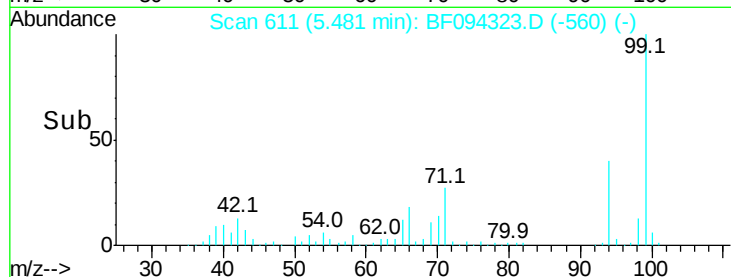
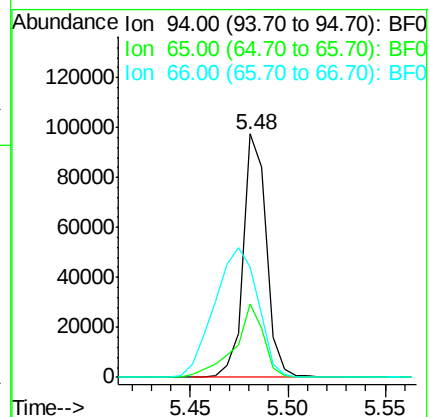
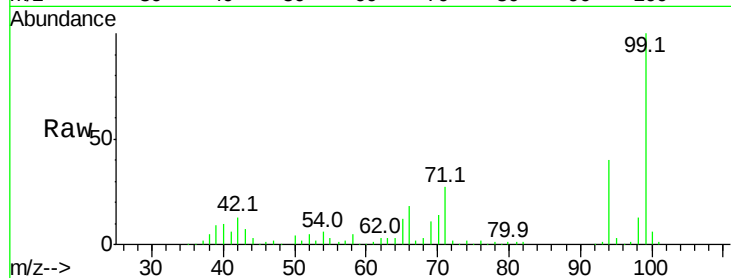
Tot Ion: 94 Resp: 79578

Ion Ratio Lower Upper

94 100

65 29.9 9.9 49.9

66 45.3 23.1 63.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.53 ng

RT: 6.49 min Scan# 782

Delta R.T. 0.14 min

Lab File: BF094323.D

Acq: 10 Apr 2017 20:44

Tgt Ion: 70 Resp: 107777

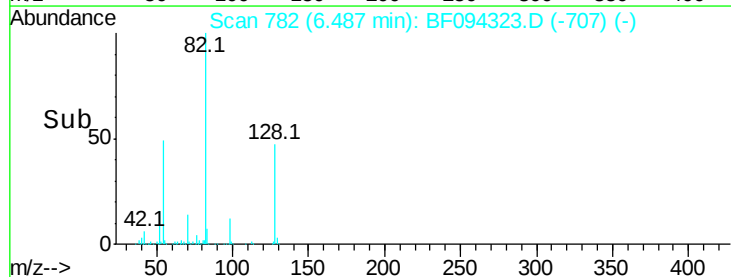
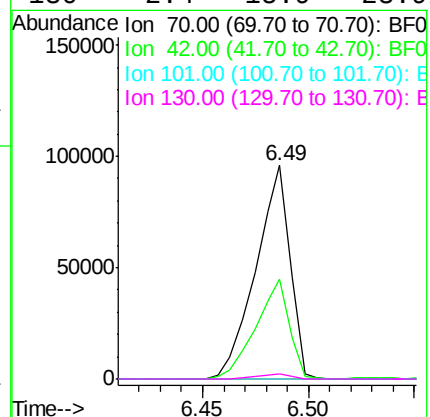
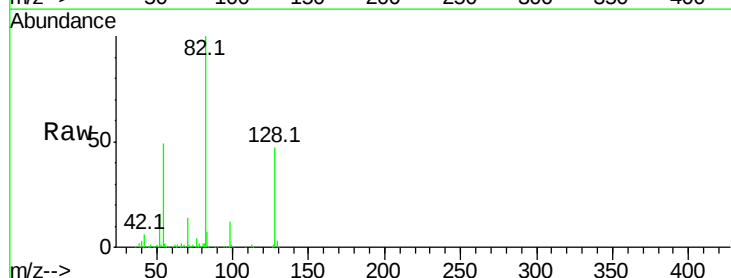
Ion Ratio Lower Upper

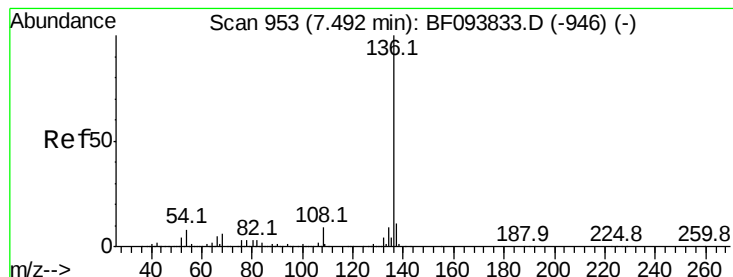
70 100

42 46.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094323.D

Acq: 10 Apr 2017 20:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 633516

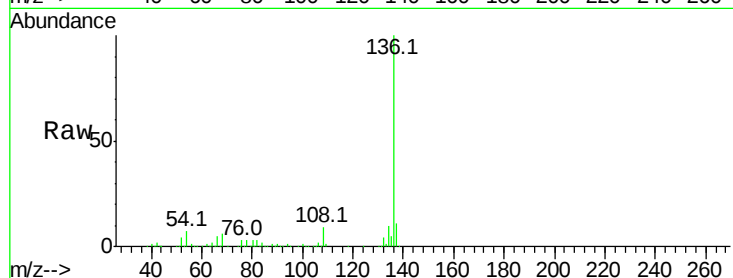
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.1 4.9 7.3

68 5.5 4.1 6.1

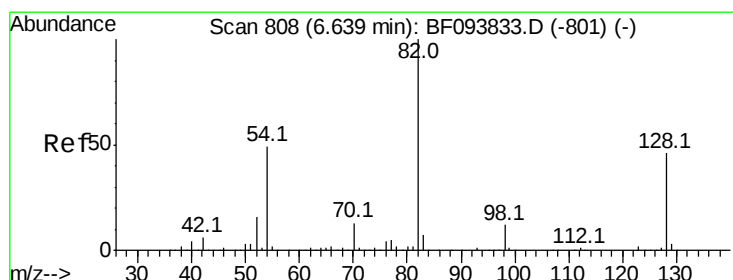
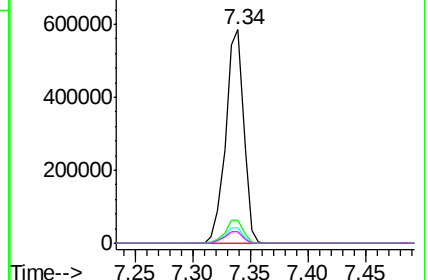
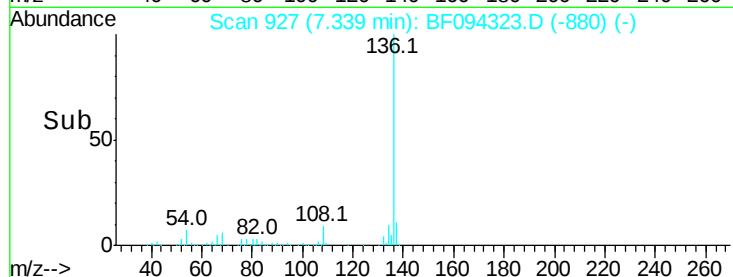


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.51 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF094323.D

Acq: 10 Apr 2017 20:44

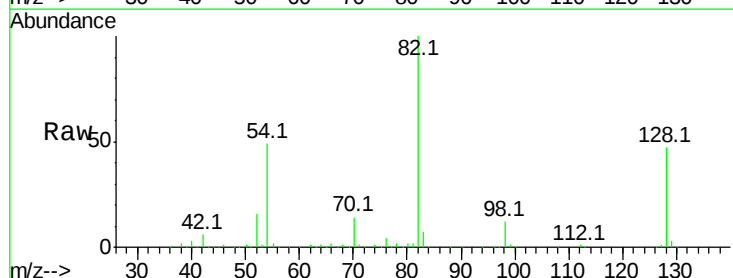
Tgt Ion: 82 Resp: 804913

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

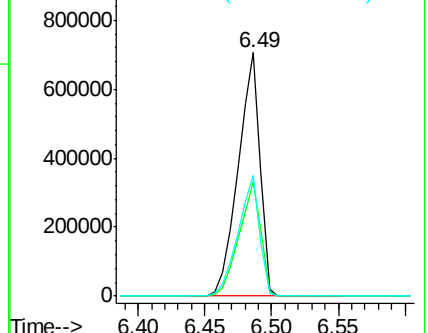
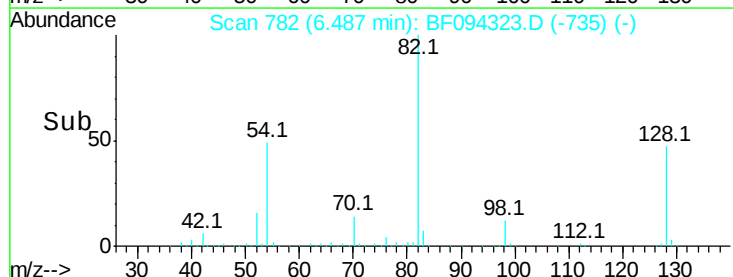
54 49.5 42.2 63.2

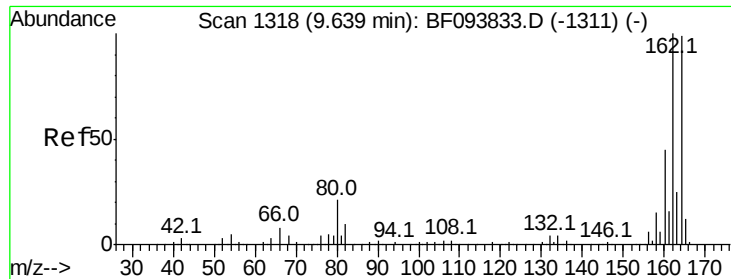


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

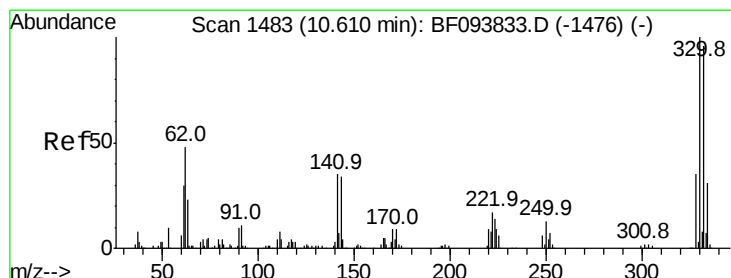
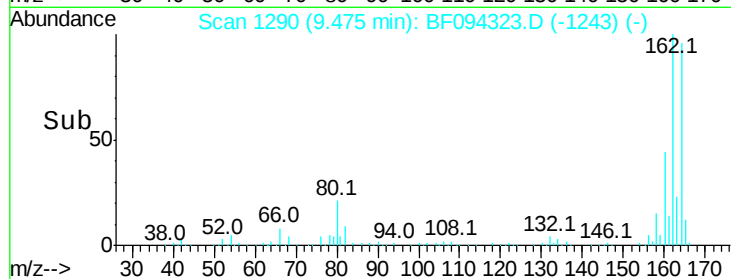
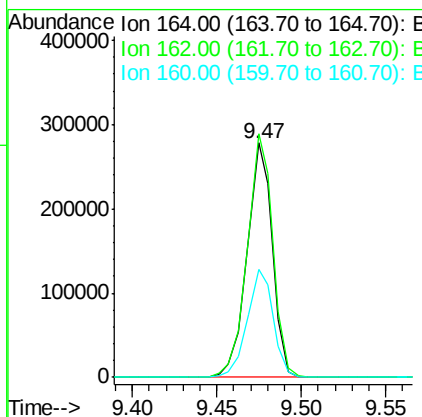
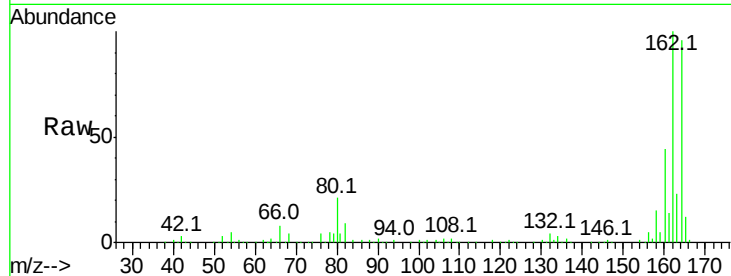




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094323.D
 Acq: 10 Apr 2017 20:44

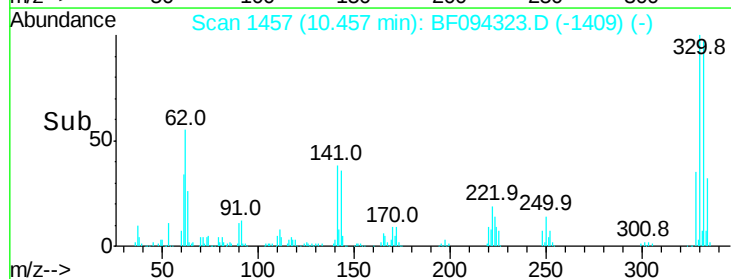
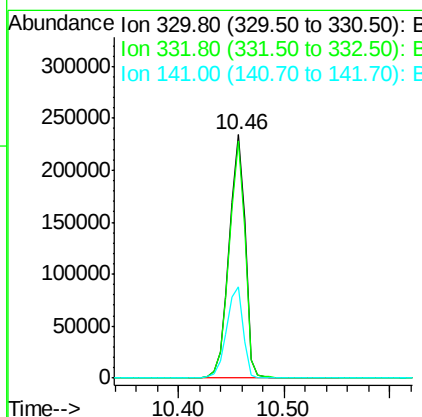
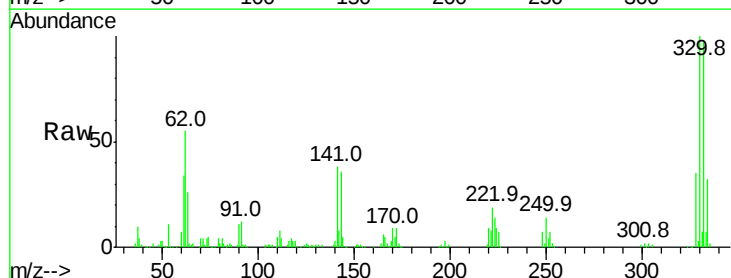
Instrument :
 BNA_F
 ClientSampleId :

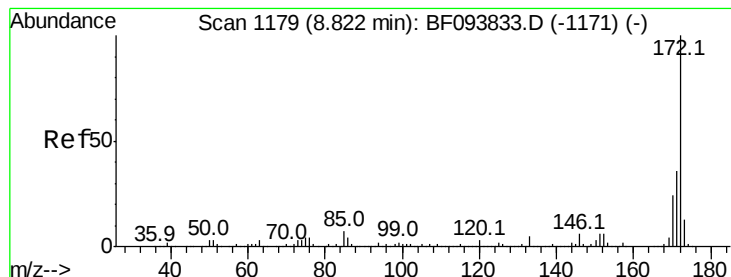
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	46.1	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 106.97 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094323.D
 Acq: 10 Apr 2017 20:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.9	31.4	47.2





#44

2-Fluorobiphenyl

Concen: 75.75 ng

RT: 8.66 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF094323.D

Acq: 10 Apr 2017 20:44

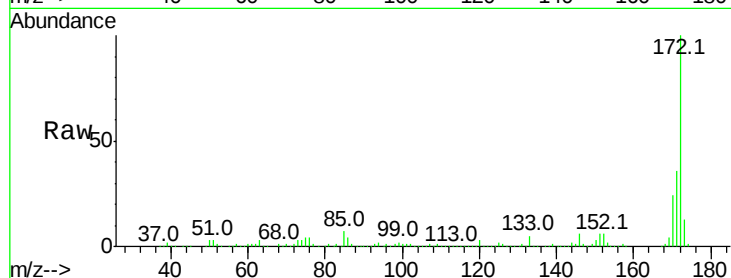
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1445968

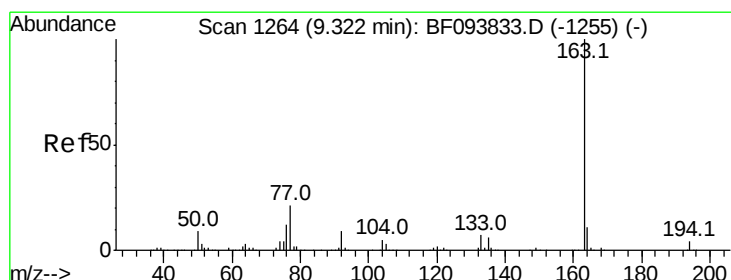
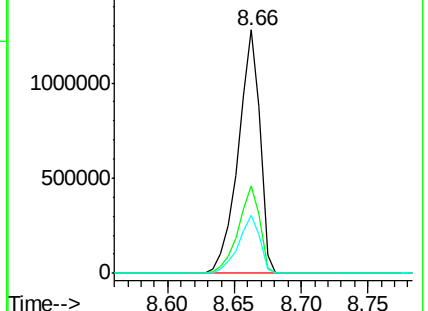
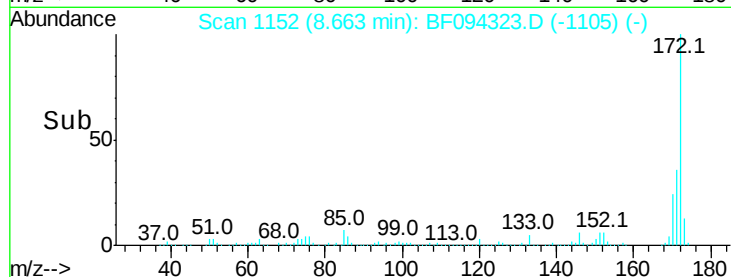
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.0	19.8	29.8



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: 7.92 ng

RT: 9.16 min Scan# 1236

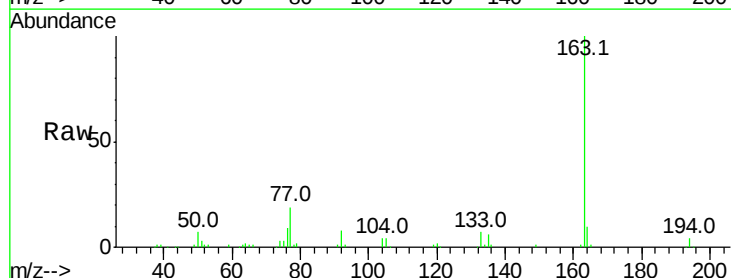
Delta R.T. -0.04 min

Lab File: BF094323.D

Acq: 10 Apr 2017 20:44

Tgt Ion:163 Resp: 163839

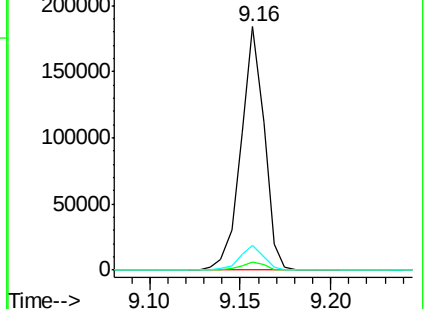
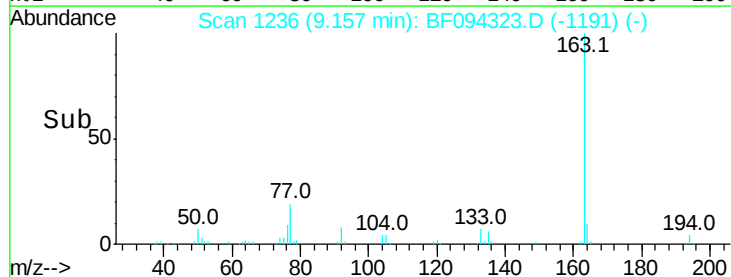
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.4	12.6



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

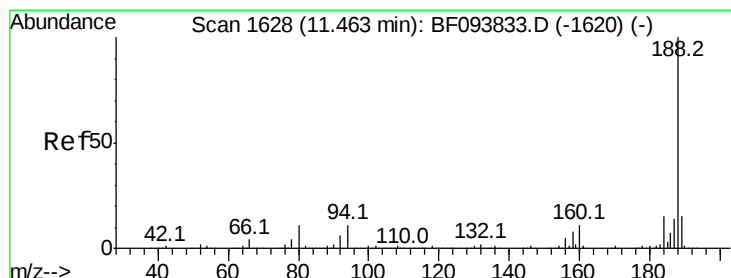
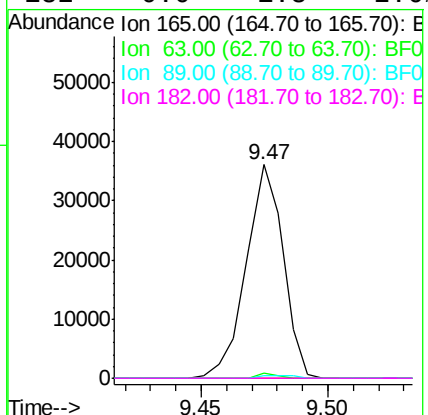
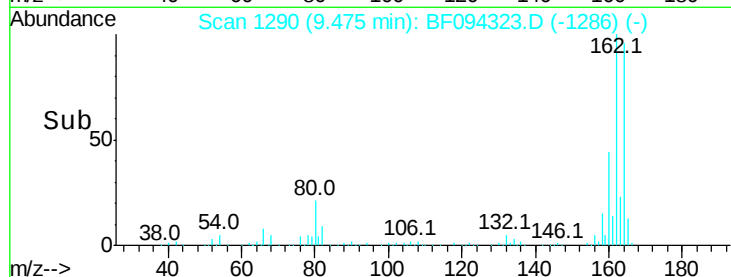
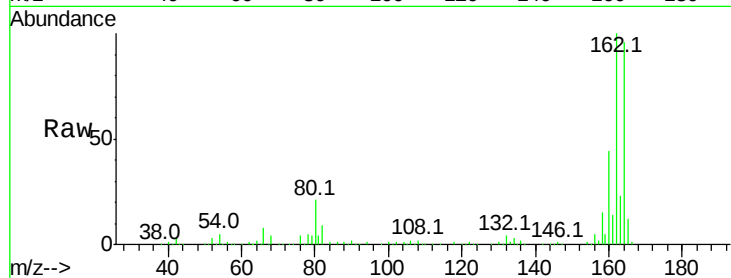




#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.28 min
 Lab File: BF094323.D
 Acq: 10 Apr 2017 20:44

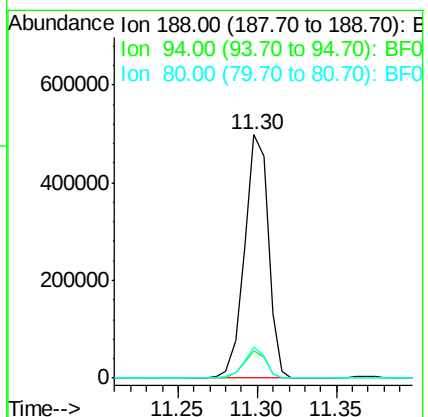
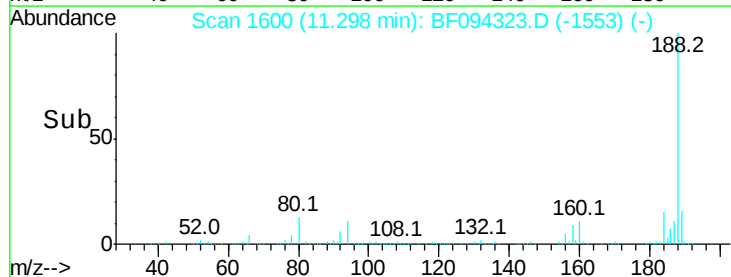
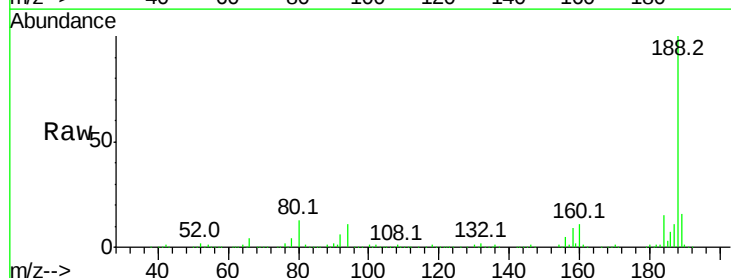
Instrument :
 BNA_F
 ClientSampleId :

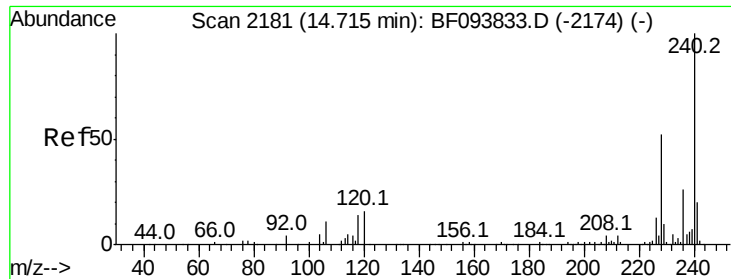
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF094323.D
 Acq: 10 Apr 2017 20:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	13.0	10.2	15.2

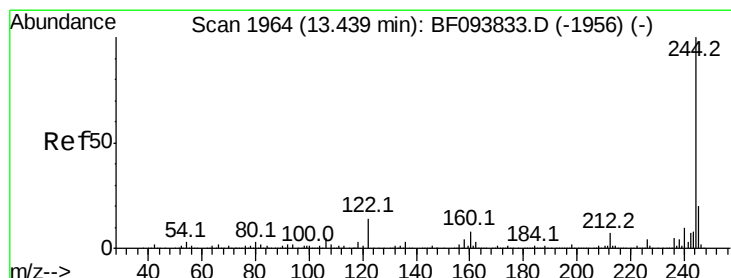
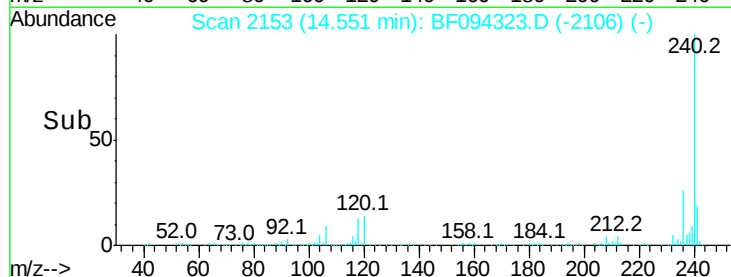
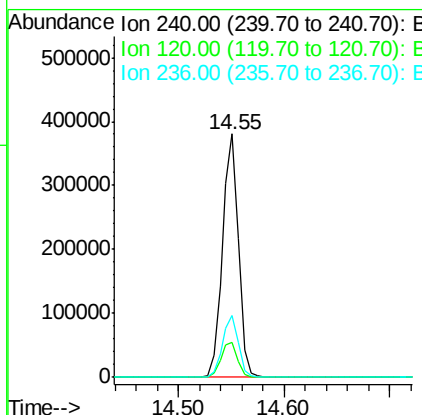
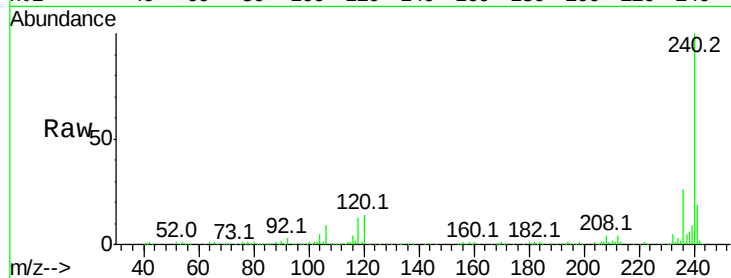




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BF094323.D
 Acq: 10 Apr 2017 20:44

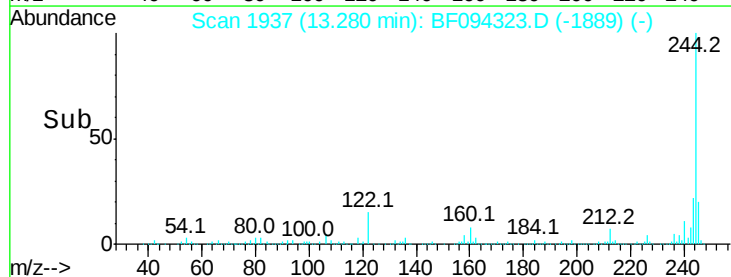
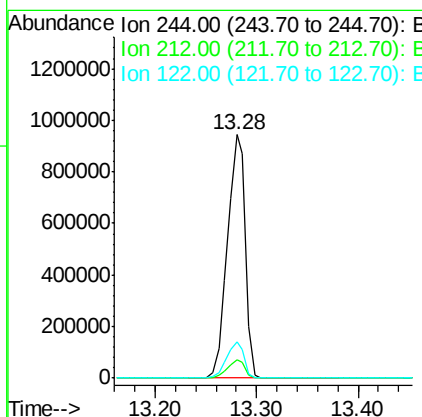
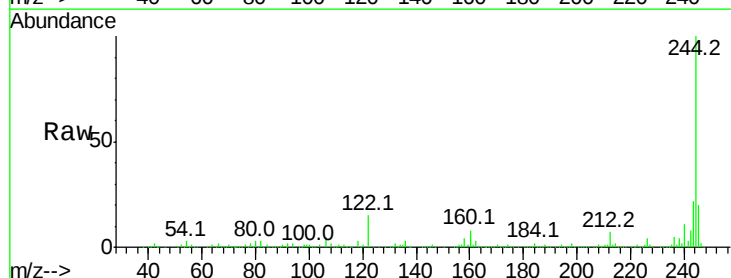
Instrument :
 BNA_F
 ClientSampleId :

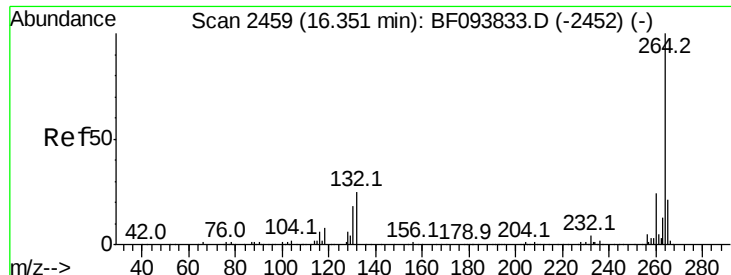
Tot Ion:240 Resp: 402435
 Ion Ratio Lower Upper
 240 100
 120 14.4 5.8 8.8#
 236 25.5 20.5 30.7



#78
 Terphenyl-d14
 Concen: 63.88 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094323.D
 Acq: 10 Apr 2017 20:44

Tgt Ion:244 Resp: 1146966
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.8 10.3 15.5

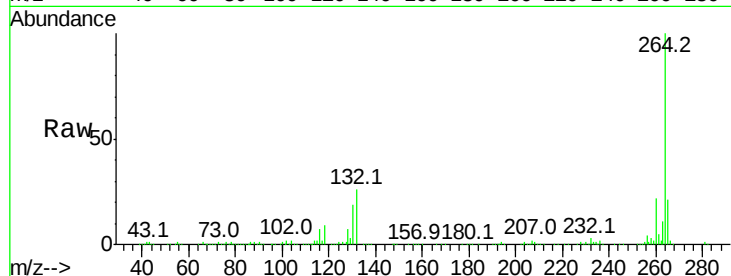




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BF094323.D
Acq: 10 Apr 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	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

