

Data Path : Z:\HPCHEM1\BNA F\Data\BF040317\
 Data File : BF094163.D
 Acq On : 4 Apr 2017 12:12
 Operator : SJ/MA
 Sample : I2510-10 10X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 12:46:49 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

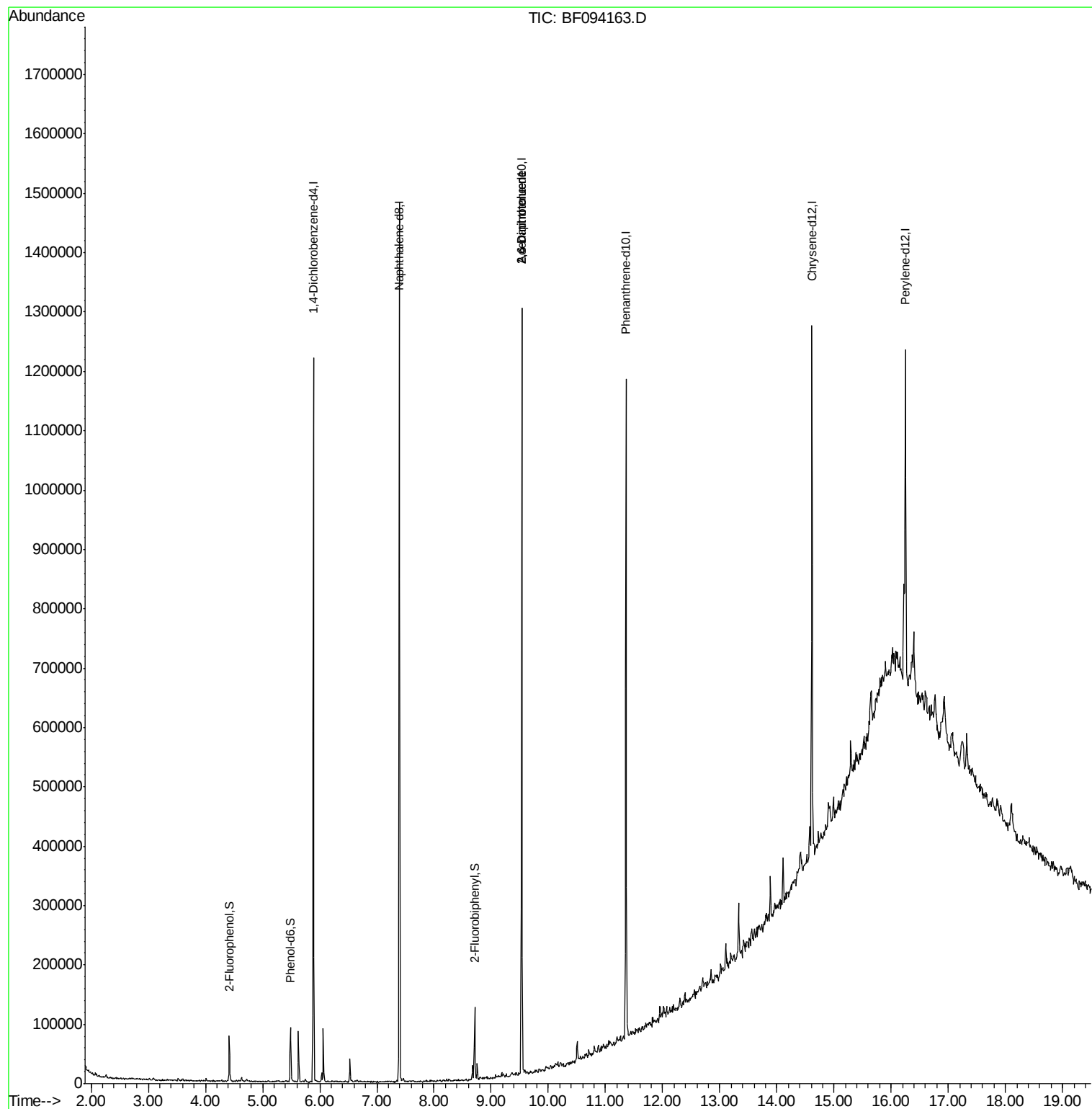
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	184446	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	691247	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	268489	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	423344	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	360216	20.00	ng	-0.01
86) Perylene-d12	16.25	264	230517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	23424	2.14	ng	-0.02
7) Phenol-d6	5.49	99	28965	2.14	ng	-0.02
23) Nitrobenzene-d5	6.53	82	12988	1.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	3739	1.76	ng	-0.02
44) 2-Fluorobiphenyl	8.71	172	38632	2.19	ng	-0.02
78) Terphenyl-d14	13.33	244	27548	1.71	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	9.53	165	33519	7.66	ng	# 34
56) 2,4-Dinitrotoluene	9.53	165	33519	6.10	ng	# 34

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

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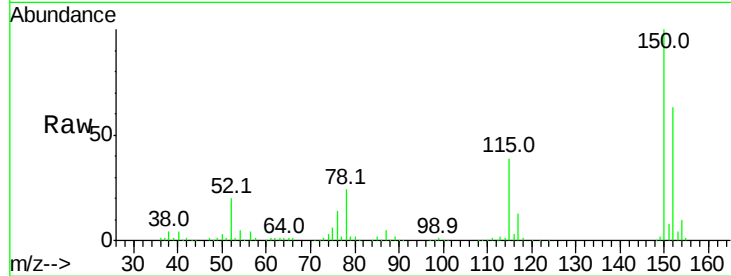


#1

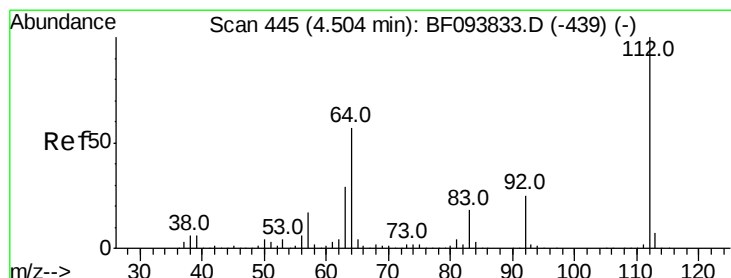
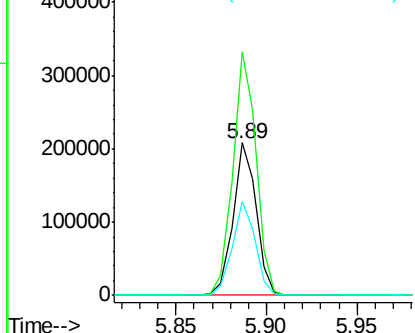
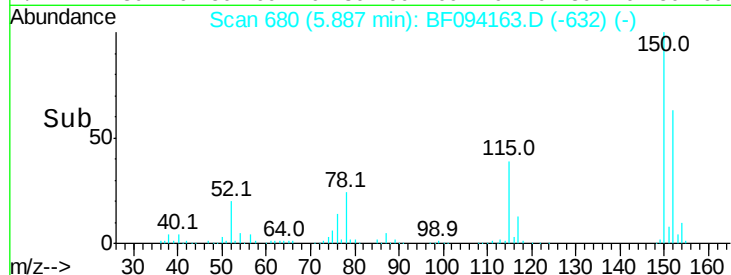
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094163.D
Acq: 4 Apr 2017 12:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 184446
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 62.0 52.2 78.2



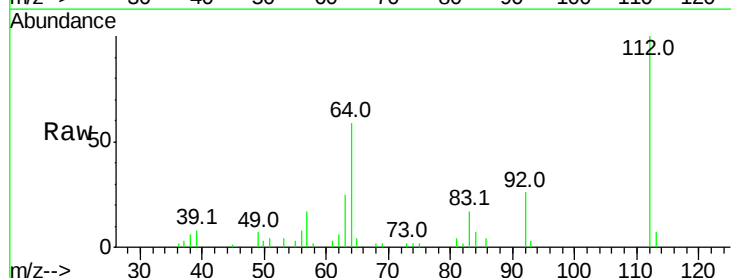
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



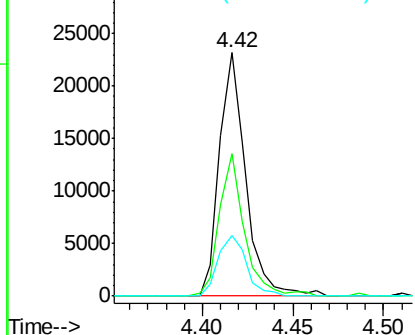
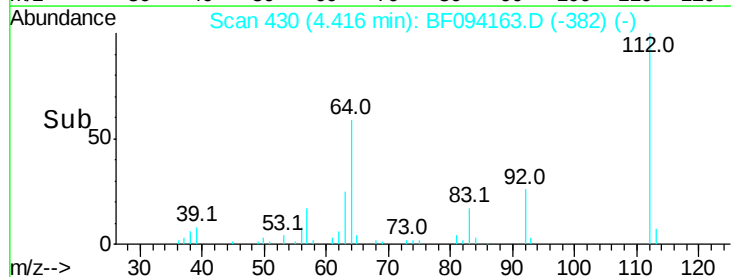
#5

2-Fluorophenol
Concen: 2.14 ng
RT: 4.42 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF094163.D
Acq: 4 Apr 2017 12:12

Tgt Ion:112 Resp: 23424
Ion Ratio Lower Upper
112 100
64 58.5 46.0 69.0
63 24.7 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: 2.14 ng

RT: 5.49 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF094163.D

Acq: 4 Apr 2017 12:12

Instrument :

BNA_F

ClientSampleId :

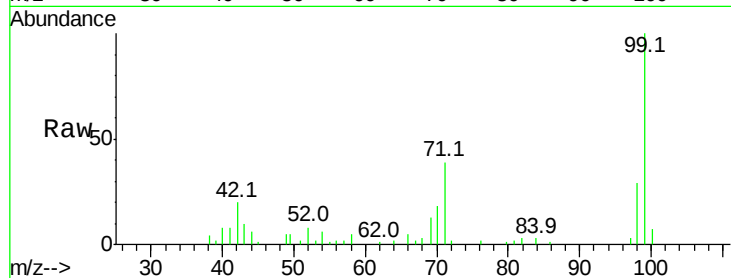
Tot Ion: 99 Resp: 28965

Ion Ratio Lower Upper

99 100

42 19.8 13.5 20.3

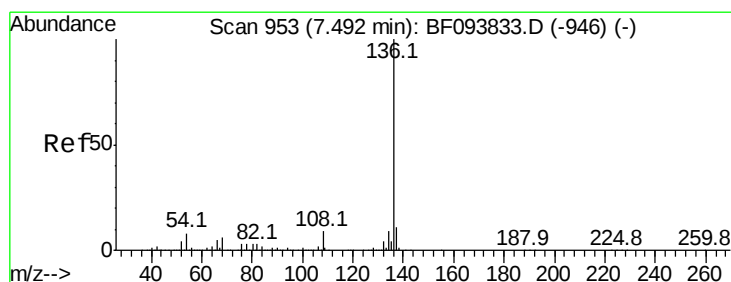
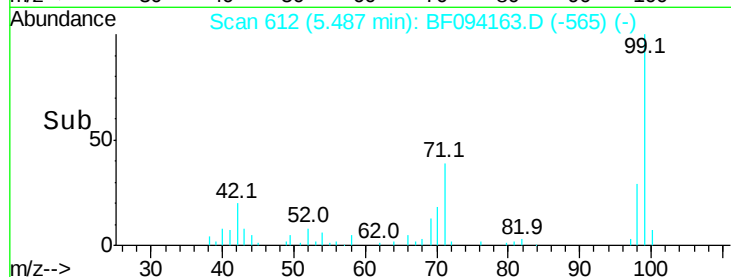
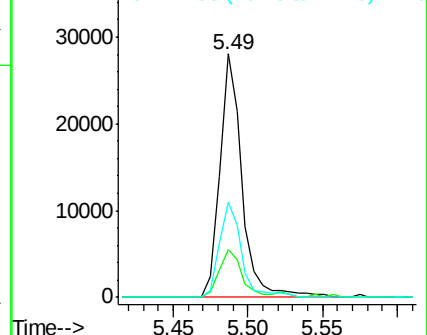
71 39.2 24.5 36.7#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF094163.D

Acq: 4 Apr 2017 12:12

Tgt Ion: 136 Resp: 691247

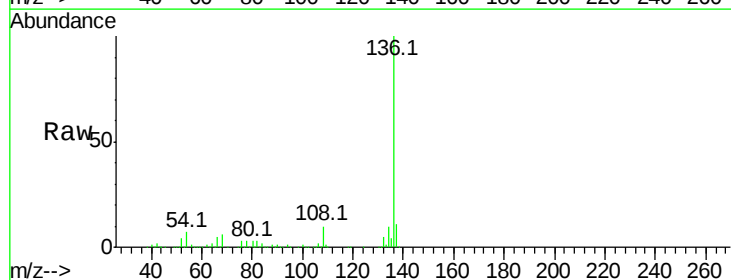
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.1 4.9 7.3

68 5.8 4.1 6.1

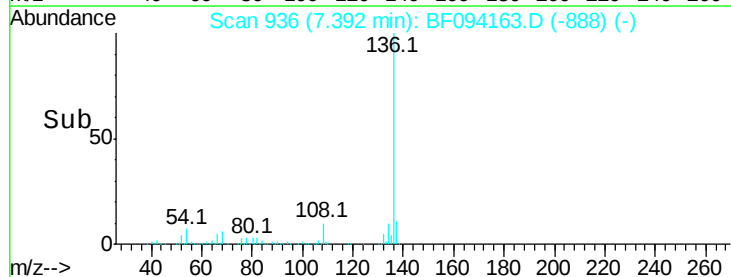
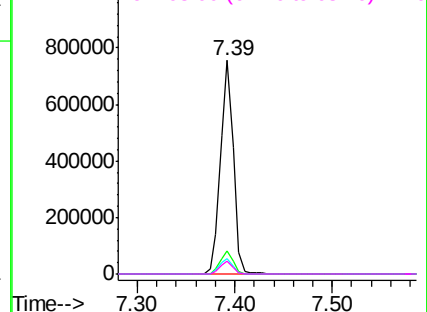


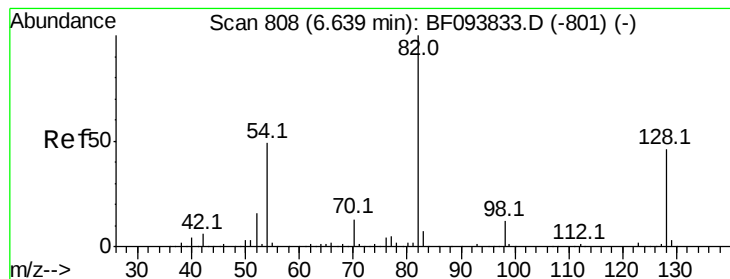
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.07 ng

RT: 6.53 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF094163.D

Acq: 4 Apr 2017 12:12

Instrument :

BNA_F

ClientSampleId :

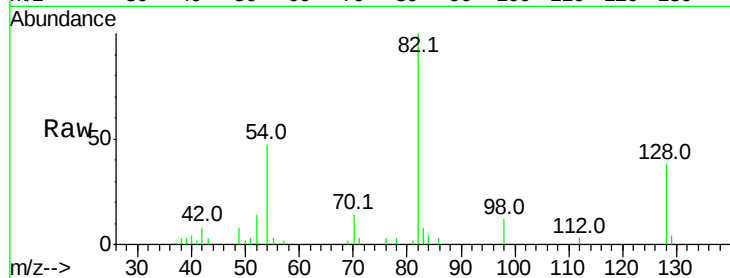
Tot Ion: 82 Resp: 12988

Ion Ratio Lower Upper

82 100

128 37.8 34.0 51.0

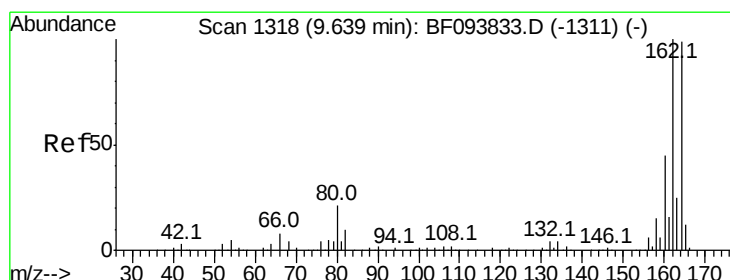
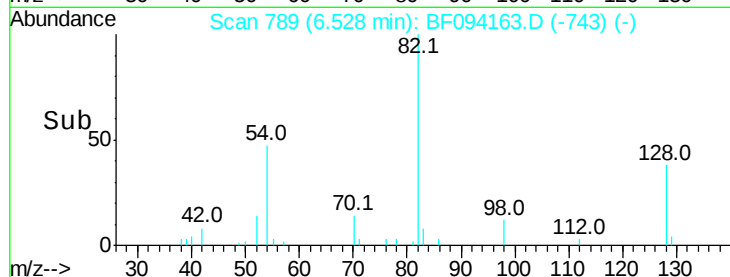
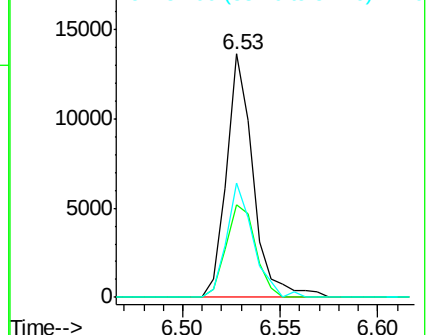
54 47.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF094163.D

Acq: 4 Apr 2017 12:12

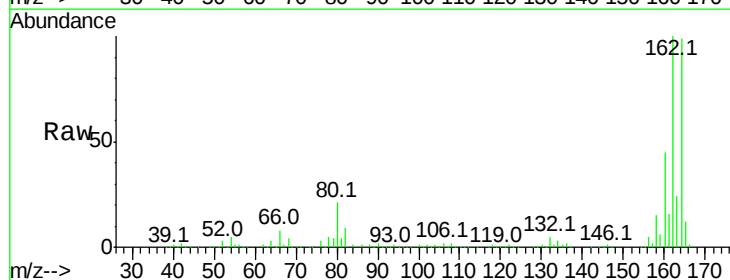
Tgt Ion:164 Resp: 268489

Ion Ratio Lower Upper

164 100

162 100.9 82.6 123.8

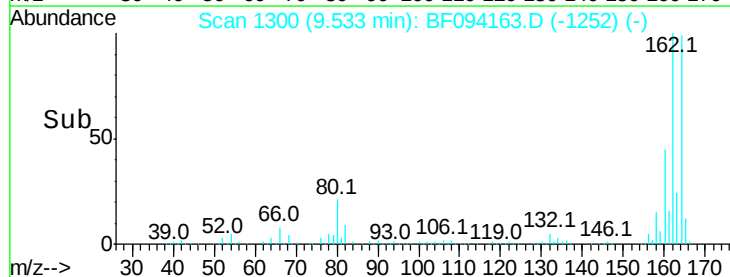
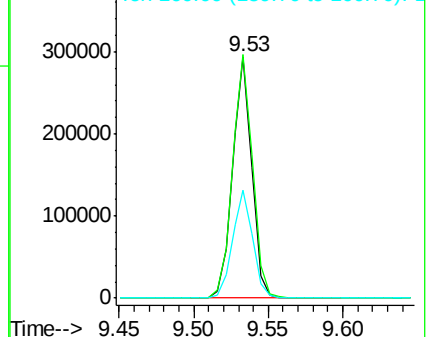
160 45.0 36.2 54.2



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

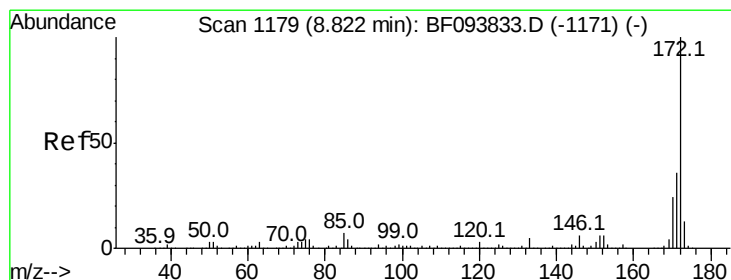
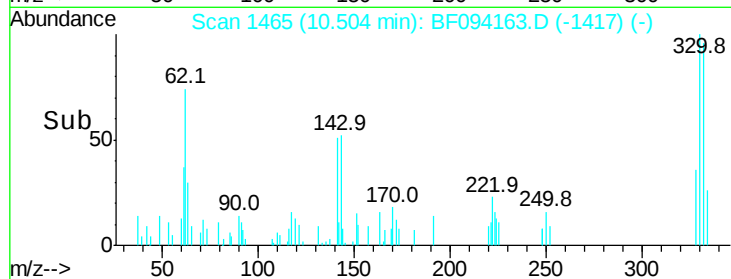
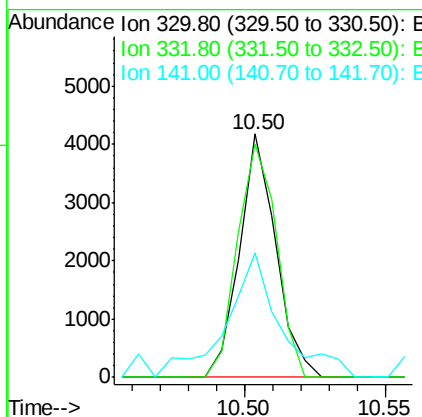
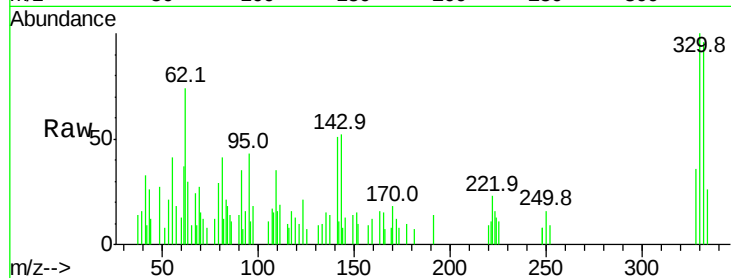




#41
 2,4,6-Tribromophenol
 Concen: 1.76 ng
 RT: 10.50 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF094163.D
 Acq: 4 Apr 2017 12:12

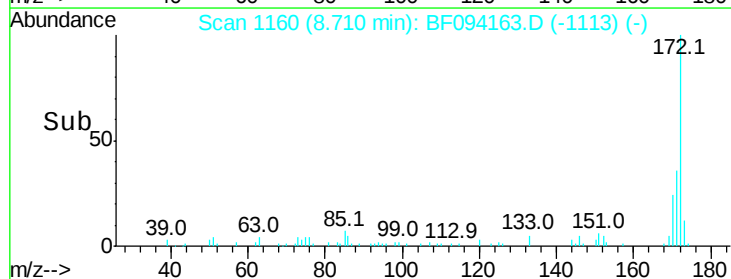
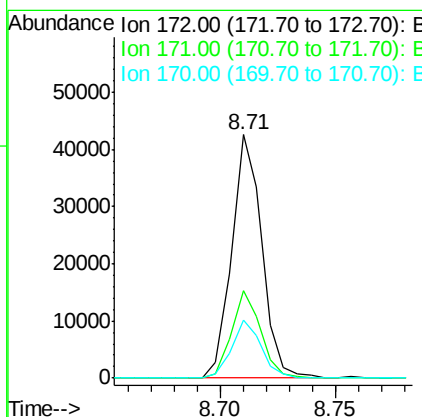
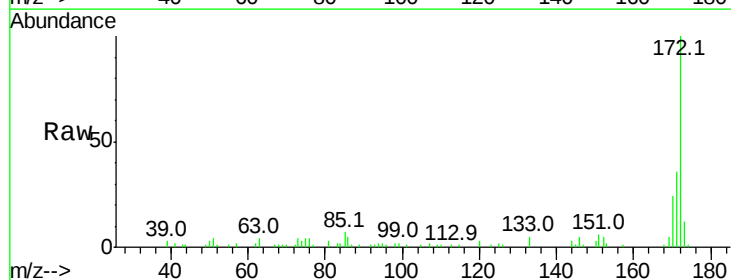
Instrument :
 BNA_F
 ClientSampled :

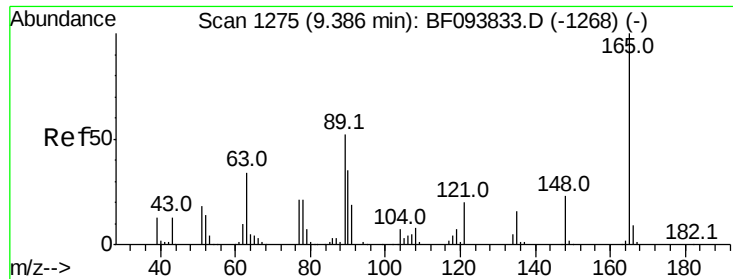
Tot Ion:330 Resp: 3739
 Ion Ratio Lower Upper
 330 100
 332 102.5 76.6 115.0
 141 76.4 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 2.19 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF094163.D
 Acq: 4 Apr 2017 12:12

Tgt Ion:172 Resp: 38632
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.9 19.8 29.8

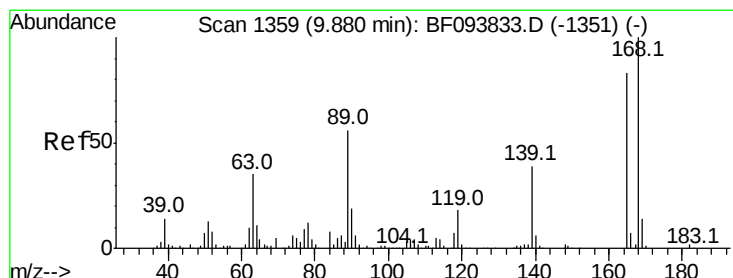
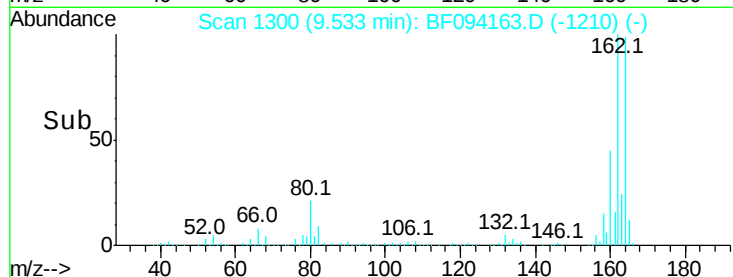
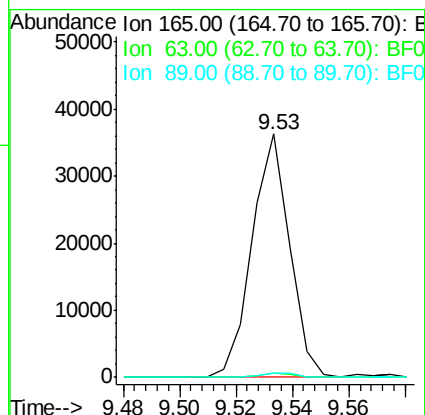
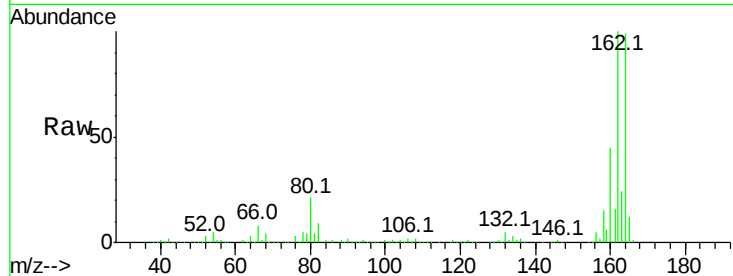




#50
 2,6-Dinitrotoluene
 Concen: 7.66 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. 0.23 min
 Lab File: BF094163.D
 Acq: 4 Apr 2017 12:12

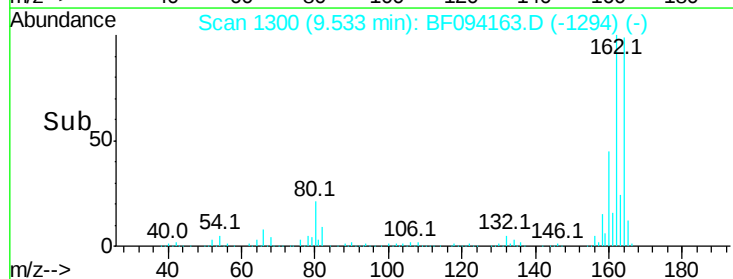
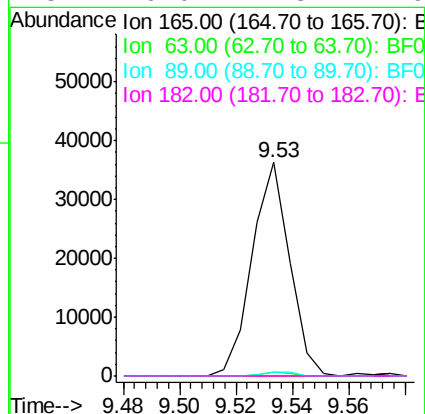
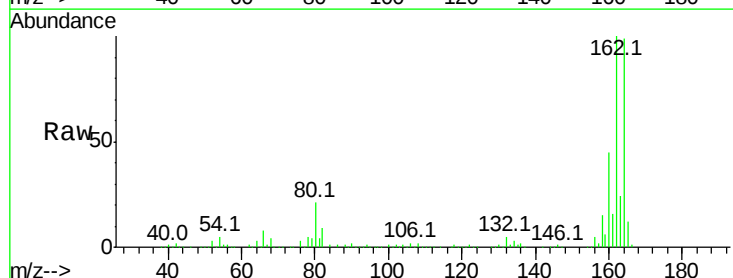
Instrument :
 BNA_F
 ClientSampleId :

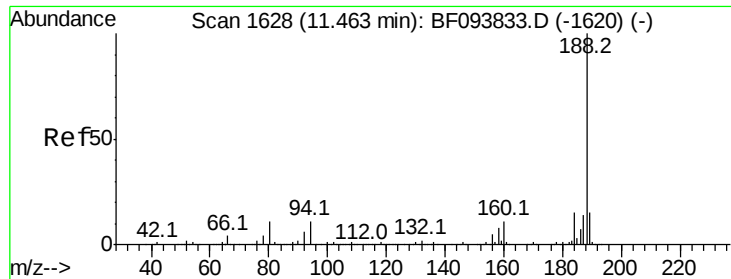
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	2.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. -0.26 min
 Lab File: BF094163.D
 Acq: 4 Apr 2017 12:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

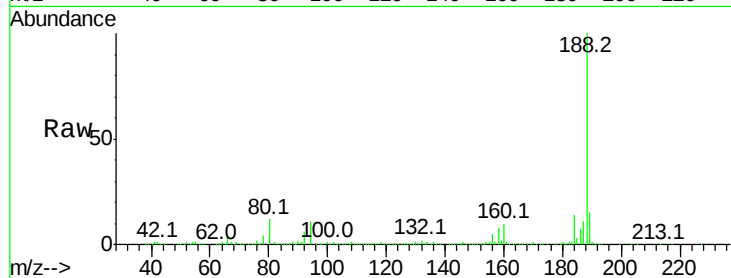




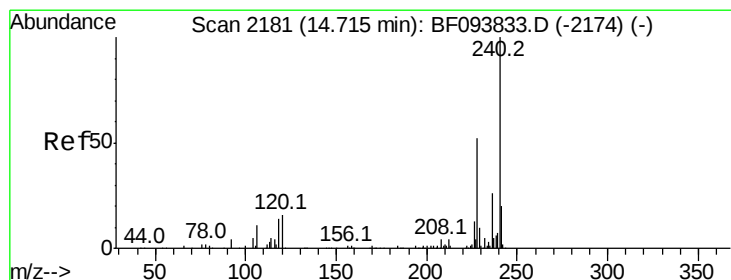
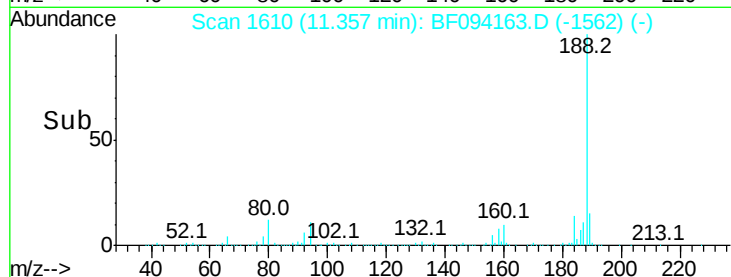
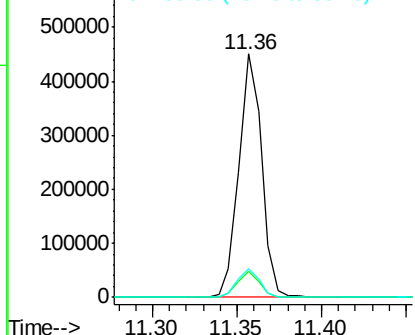
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BF094163.D
Acq: 4 Apr 2017 12:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 423344
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.9 10.2 15.2

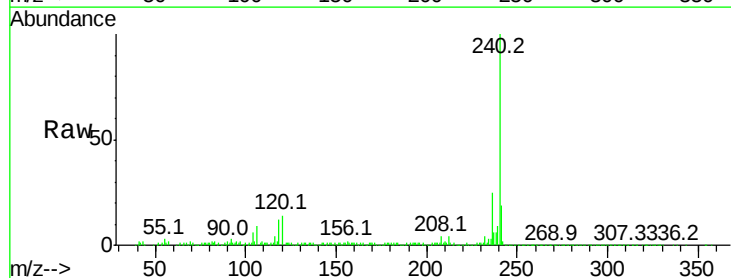


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

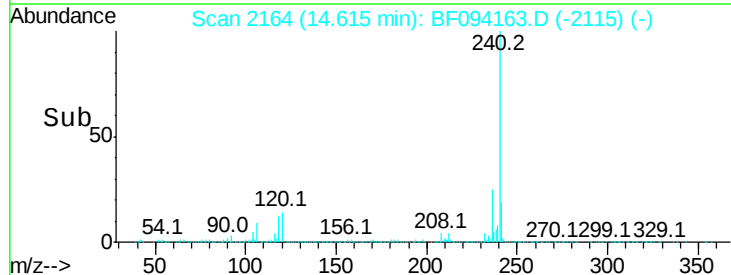
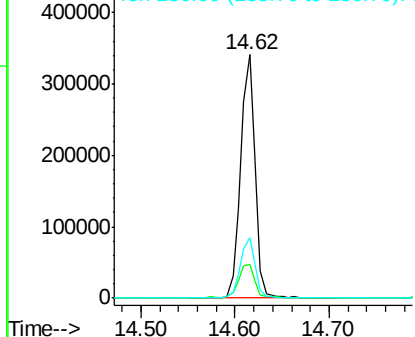


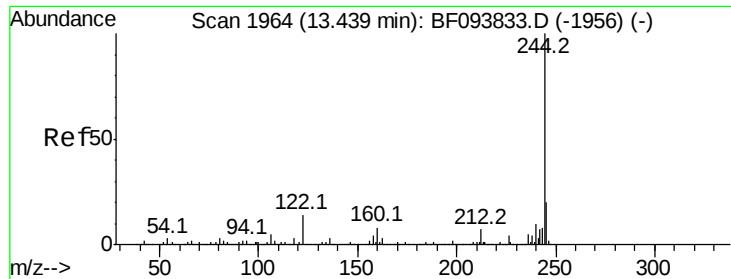
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094163.D
Acq: 4 Apr 2017 12:12

Tgt Ion:240 Resp: 360216
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 24.9 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

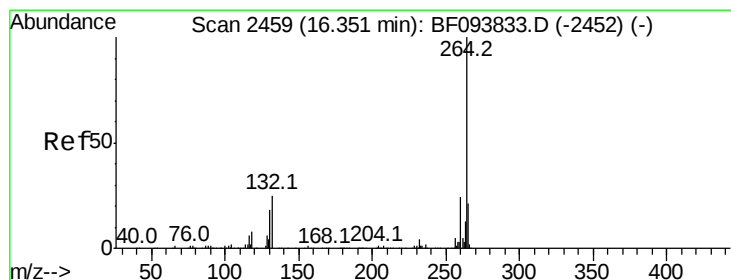
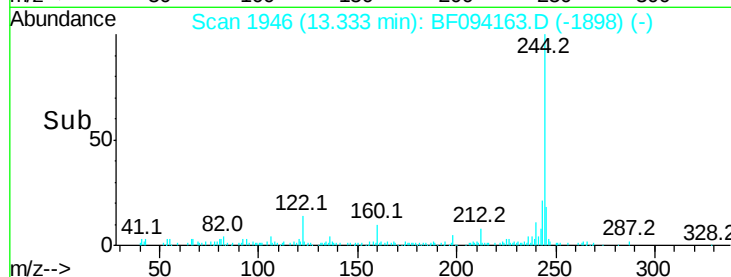
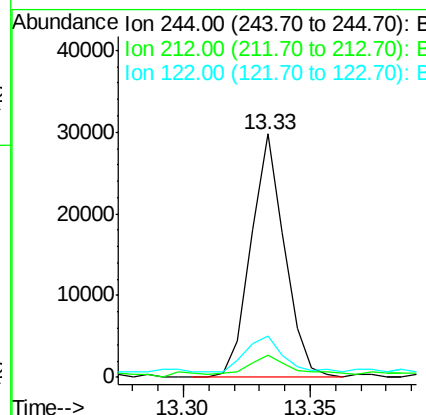
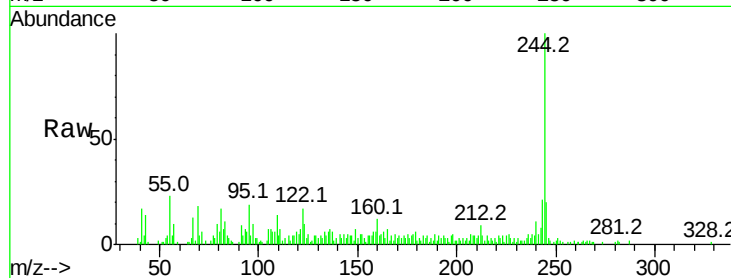




#78
 Terphenyl-d14
 Concen: 1.71 ng
 RT: 13.33 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BF094163.D
 Acq: 4 Apr 2017 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 27548
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.0 9.0
 122 17.1 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.25 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BF094163.D
 Acq: 4 Apr 2017 12:12

Tgt Ion:264 Resp: 230517
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 22.5 17.2 25.8

