

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094333.D
 Acq On : 11 Apr 2017 2:44
 Operator : SJ/MA
 Sample : I2601-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 03:05:52 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

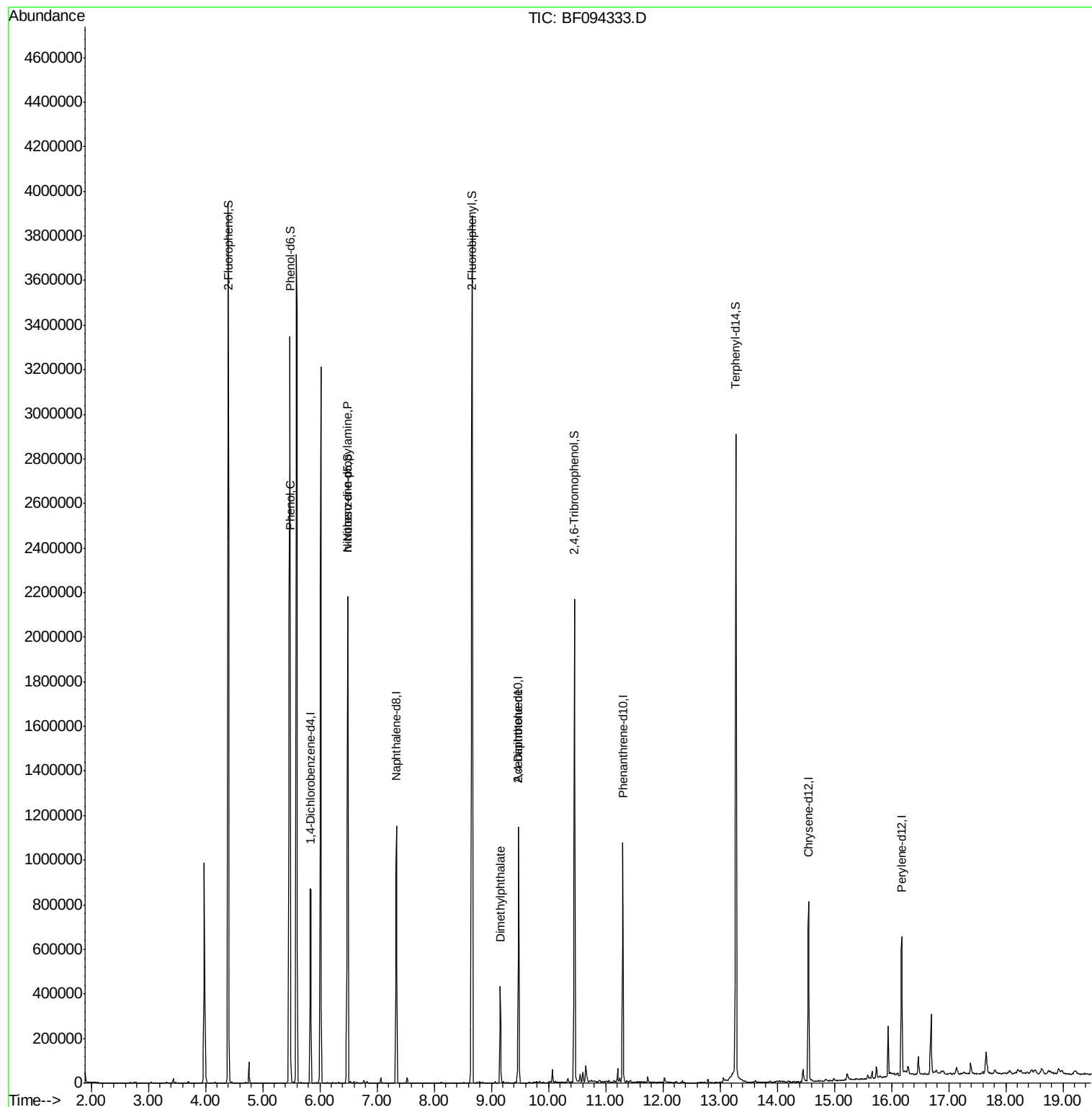
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	151704	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	595971	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	259027	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	425063	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	305110	20.00	ng	-0.02
86) Perylene-d12	16.18	264	251767	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1232547	137.23	ng	0.01
7) Phenol-d6	5.47	99	1581320	142.32	ng	0.01
23) Nitrobenzene-d5	6.49	82	982570	94.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	292553	142.93	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1573254	92.64	ng	-0.02
78) Terphenyl-d14	13.28	244	1101311	80.91	ng	-0.02
Target Compounds						
10) Phenol	5.49	94	110375	8.73	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	6.49	70	128984	18.06	ng	# 77
49) Dimethylphthalate	9.16	163	181172	9.84	ng	99
56) 2,4-Dinitrotoluene	9.47	165	33624	6.34	ng	# 33

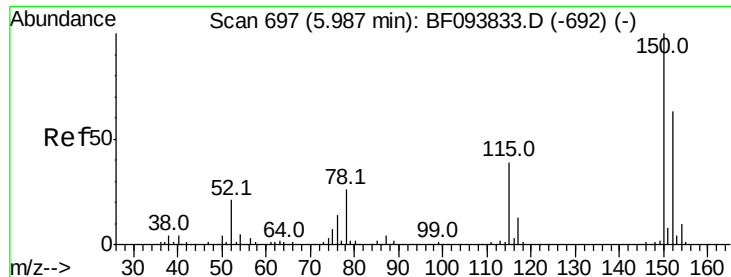
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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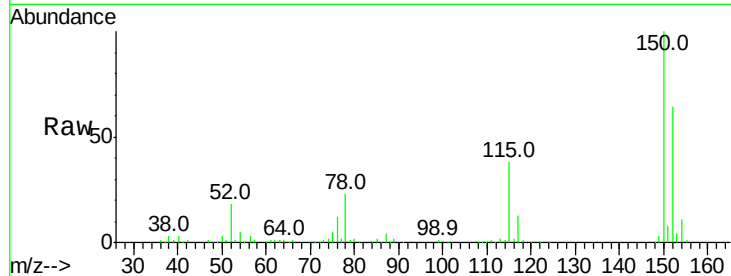


#1

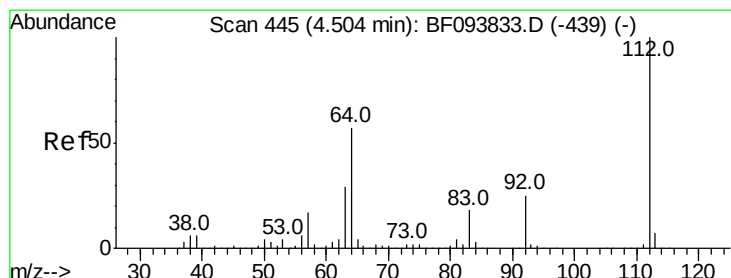
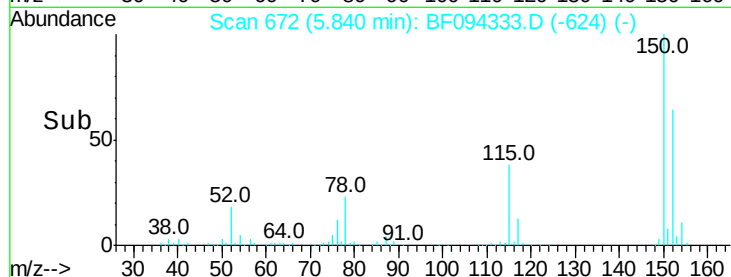
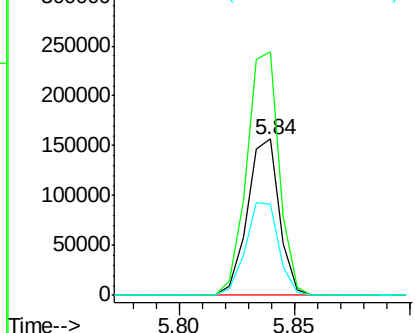
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094333.D
Acq: 11 Apr 2017 2:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151704
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 58.6 52.2 78.2



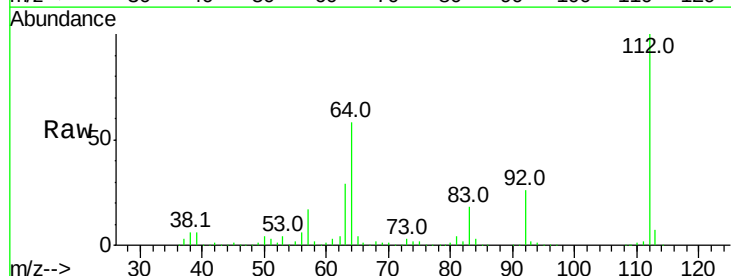
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



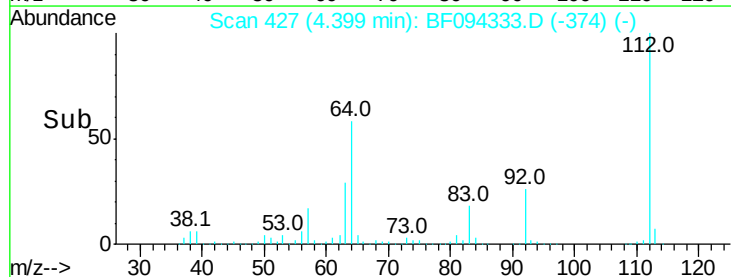
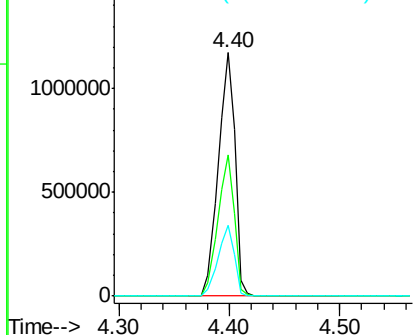
#5

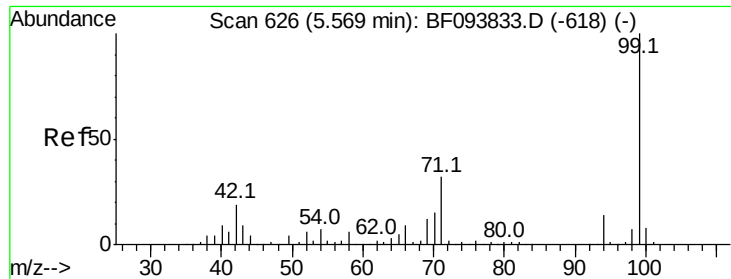
2-Fluorophenol
Concen: 137.23 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094333.D
Acq: 11 Apr 2017 2:44

Tgt Ion:112 Resp: 1232547
Ion Ratio Lower Upper
112 100
64 58.0 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: 142.32 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094333.D

Acq: 11 Apr 2017 2:44

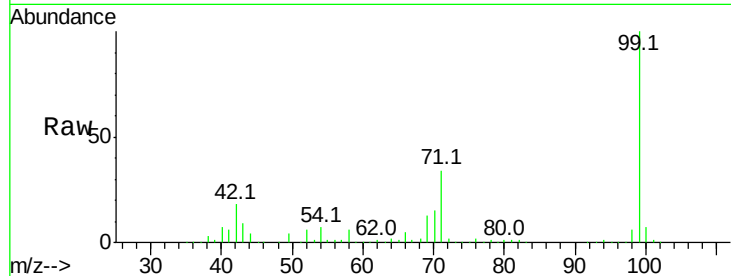
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1581320

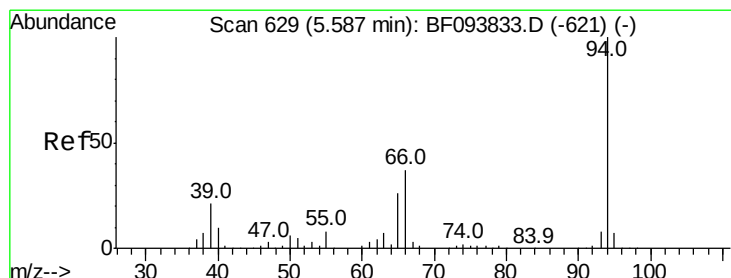
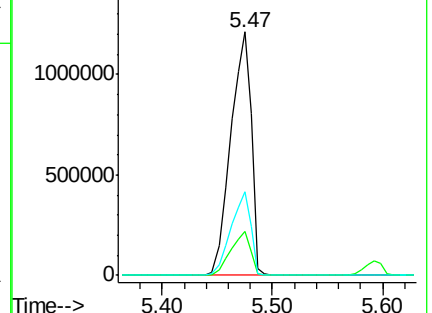
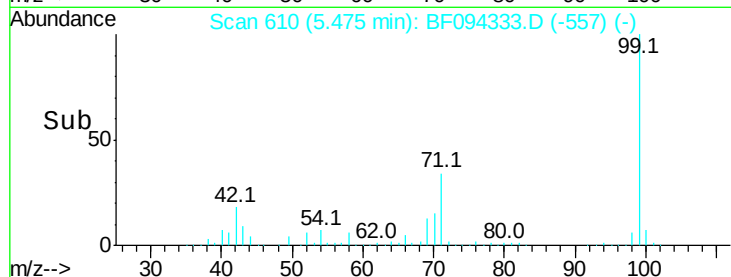
Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	34.1	24.5	36.7



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: 8.73 ng

RT: 5.49 min Scan# 612

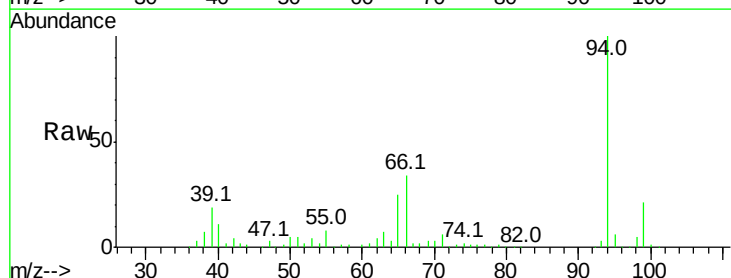
Delta R.T. 0.01 min

Lab File: BF094333.D

Acq: 11 Apr 2017 2:44

Tgt Ion: 94 Resp: 110375

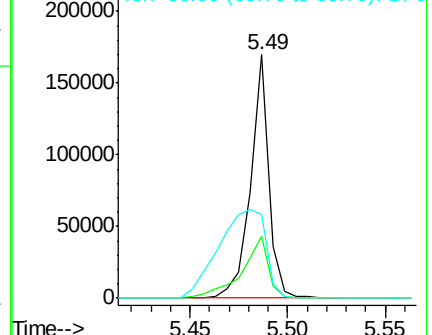
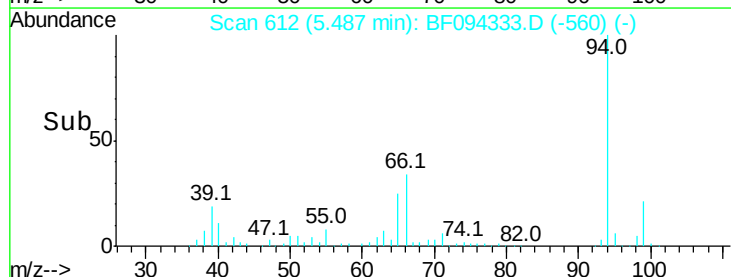
Ion	Ratio	Lower	Upper
94	100		
65	25.2	9.9	49.9
66	34.3	23.1	63.1

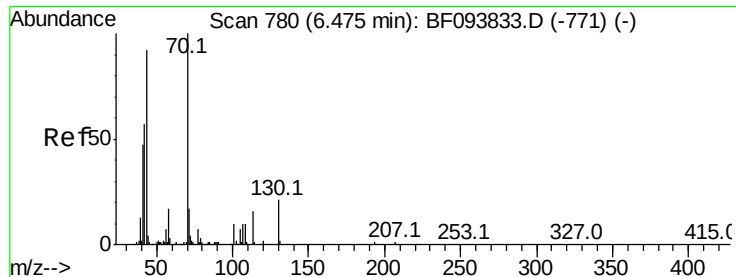


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 18.06 ng

RT: 6.49 min Scan# 782

Delta R.T. 0.14 min

Lab File: BF094333.D

Acq: 11 Apr 2017 2:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 128984

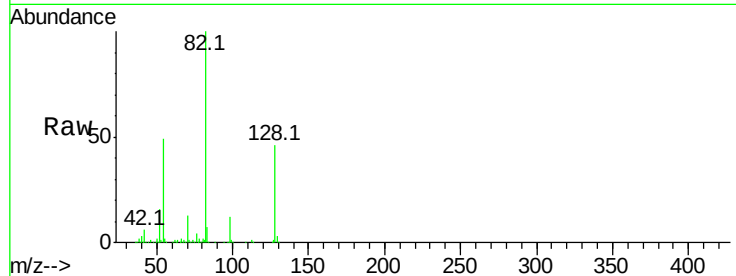
Ion Ratio Lower Upper

70 100

42 46.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

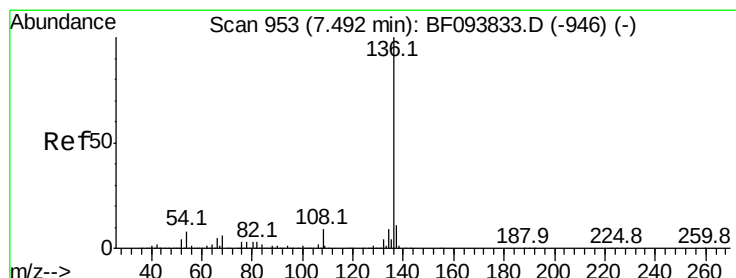
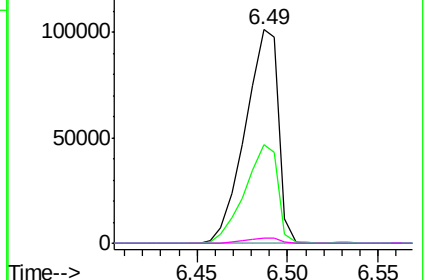
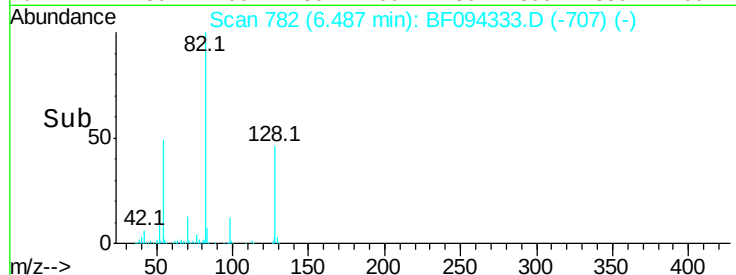


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094333.D

Acq: 11 Apr 2017 2:44

Tgt Ion: 136 Resp: 595971

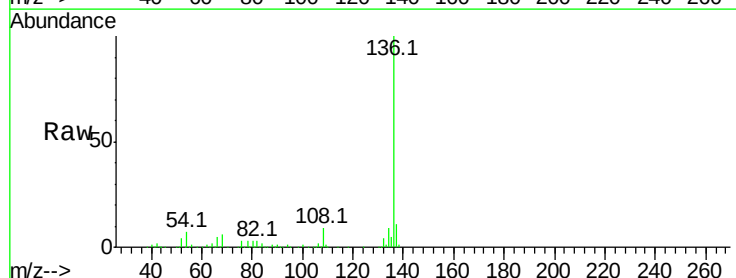
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.9 4.9 7.3

68 5.7 4.1 6.1

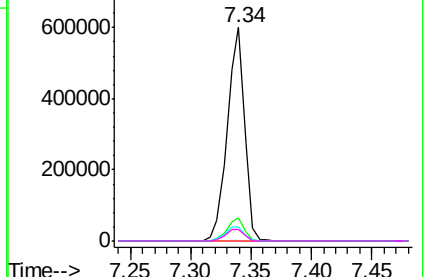
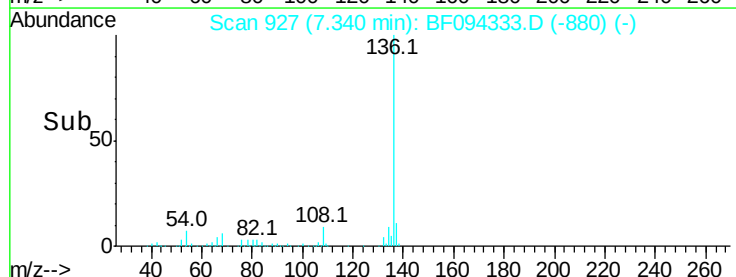


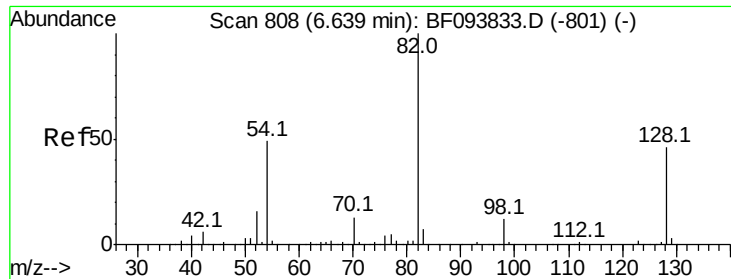
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

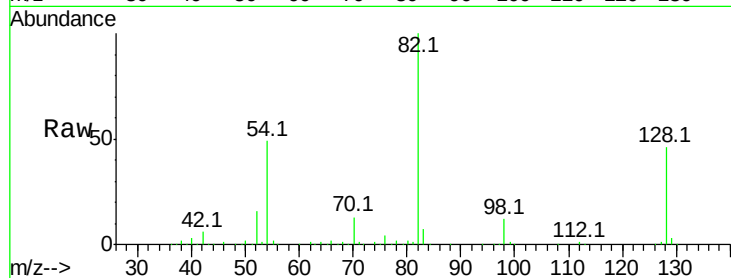




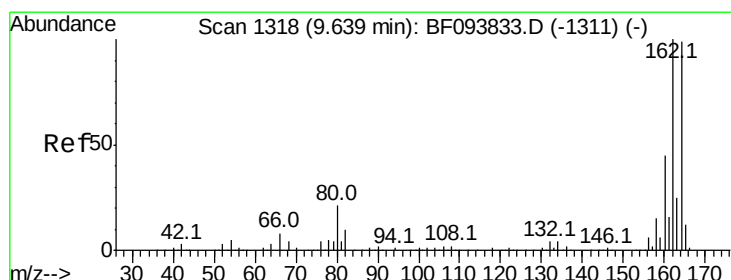
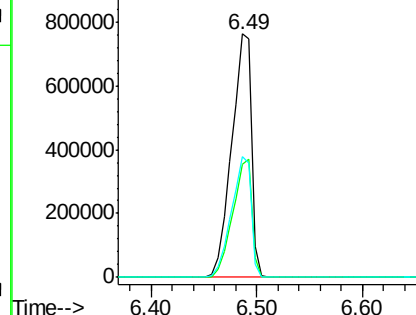
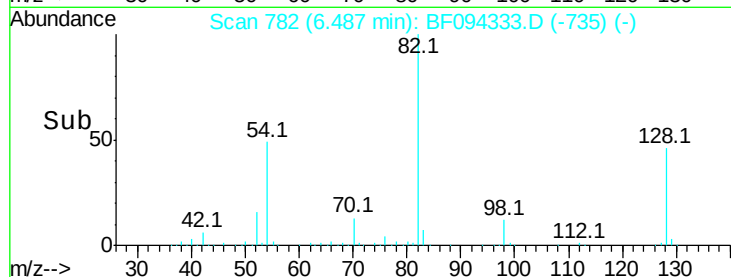
#23
 Nitrobenzene-d5
 Concen: 94.09 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF094333.D
 Acq: 11 Apr 2017 2:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	982570
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	49.4	42.2	63.2

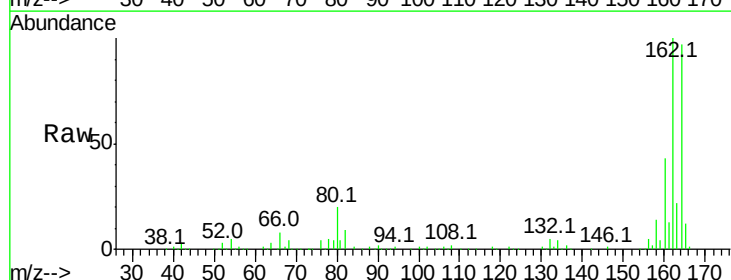


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

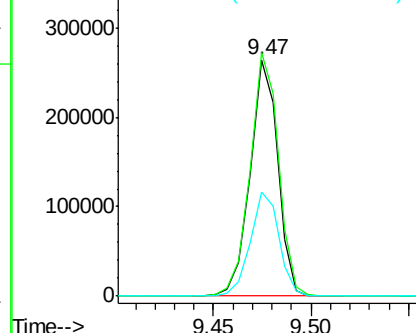
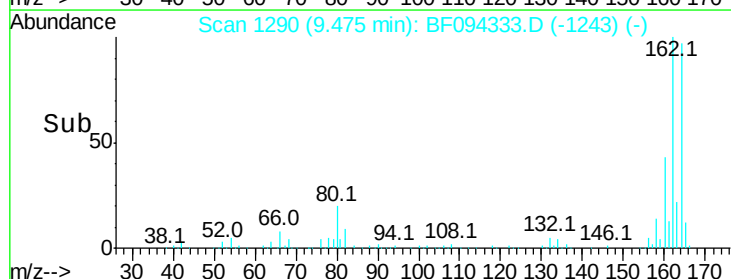


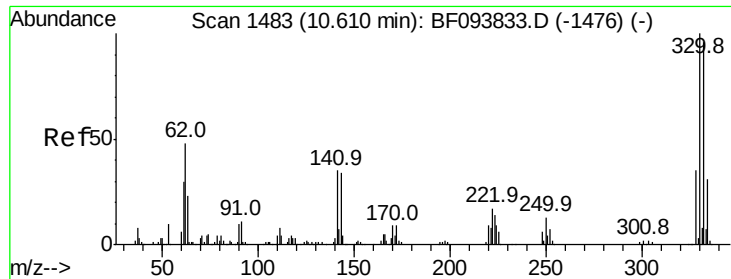
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094333.D
 Acq: 11 Apr 2017 2:44

Tgt Ion	164	Resp	259027
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	103.2	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

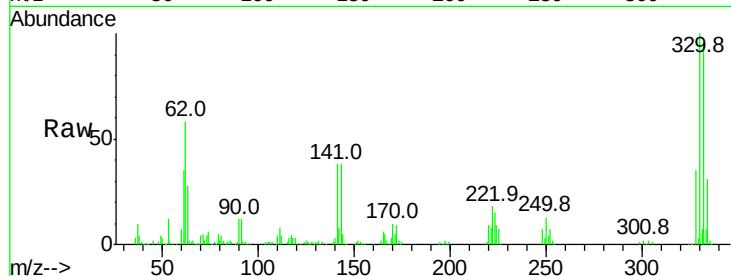




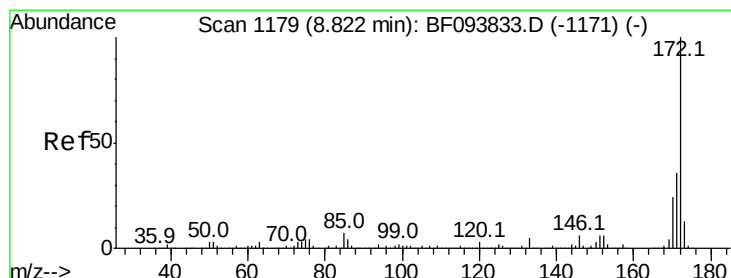
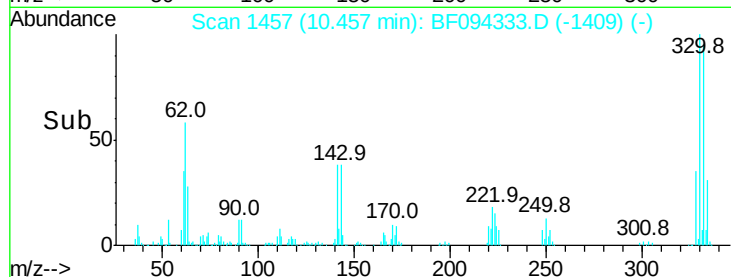
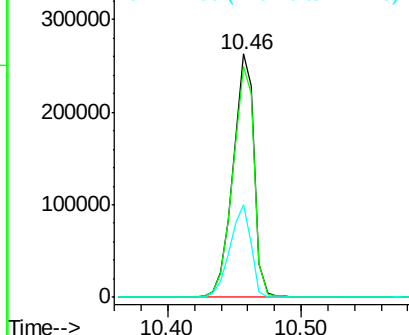
#41
 2,4,6-Tribromophenol
 Concen: 142.93 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094333.D
 Acq: 11 Apr 2017 2:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	38.2	31.4	47.2

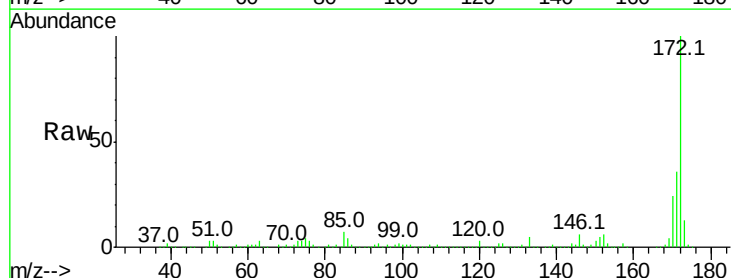


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

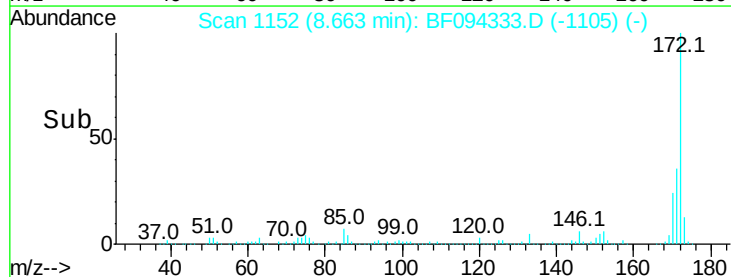
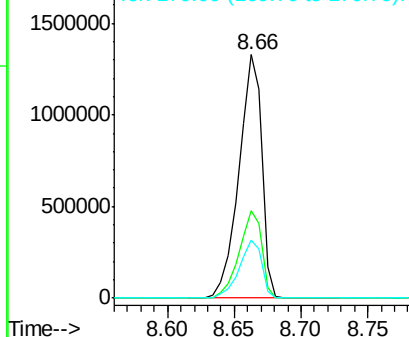


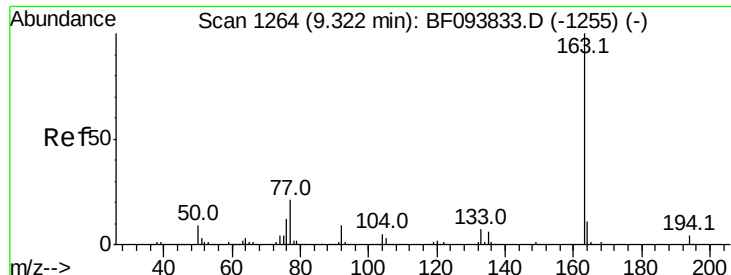
#44
 2-Fluorobiphenyl
 Concen: 92.64 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094333.D
 Acq: 11 Apr 2017 2:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.8	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: 9.84 ng

RT: 9.16 min Scan# 1236

Delta R.T. -0.04 min

Lab File: BF094333.D

Acq: 11 Apr 2017 2:44

Instrument :

BNA_F

ClientSampleId :

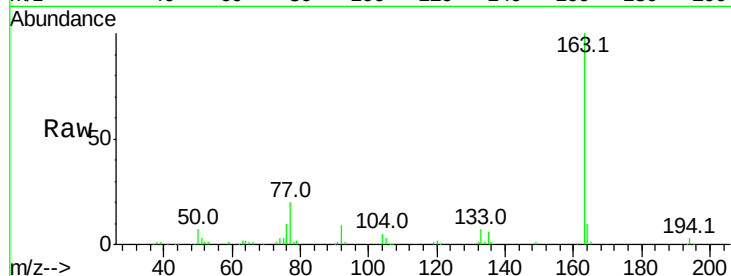
Tot Ion:163 Resp: 181172

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

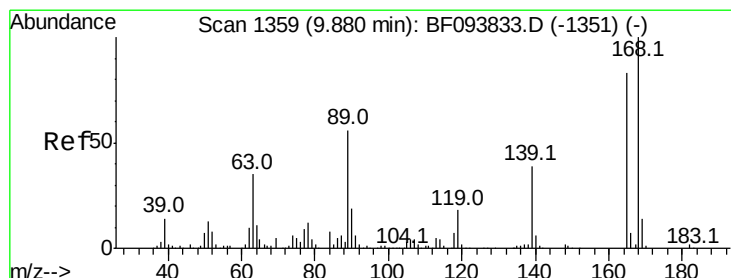
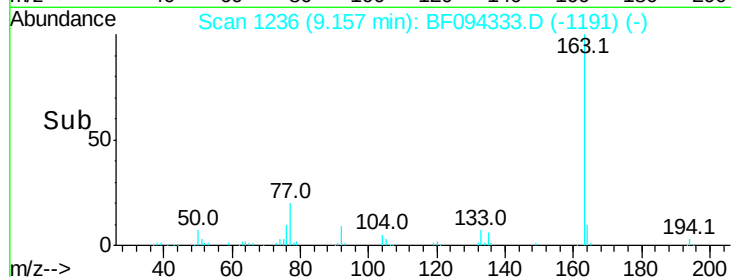
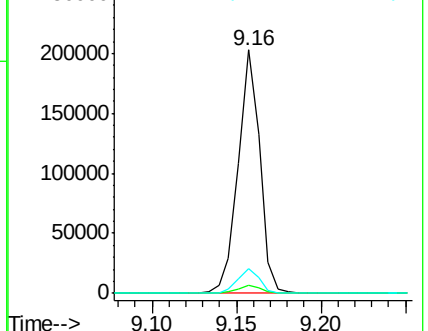
164 9.9 8.4 12.6



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: 6.34 ng

RT: 9.47 min Scan# 1290

Delta R.T. -0.28 min

Lab File: BF094333.D

Acq: 11 Apr 2017 2:44

Tgt Ion:165 Resp: 33624

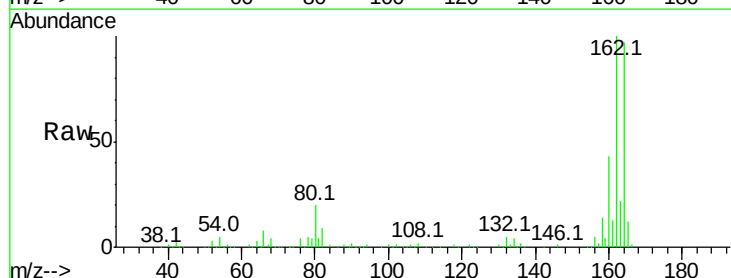
Ion Ratio Lower Upper

165 100

63 1.1 25.4 38.0#

89 1.8 46.4 69.6#

182 0.0 1.8 2.6#

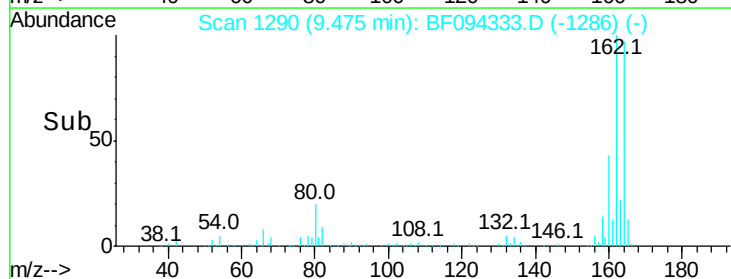
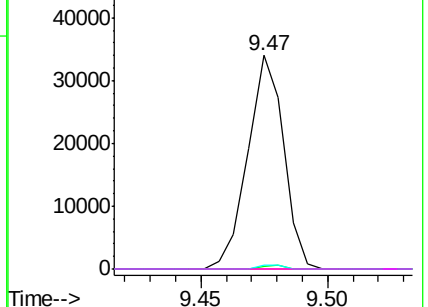


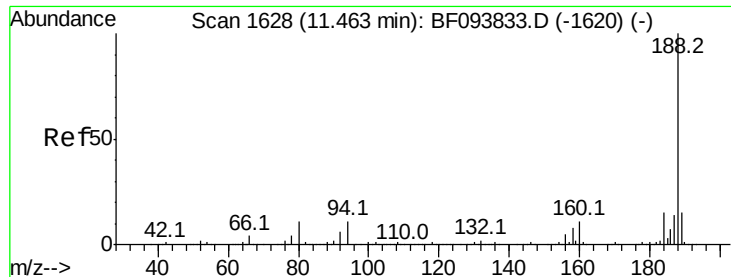
Abundance Ion 165.00 (164.70 to 165.70): E

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

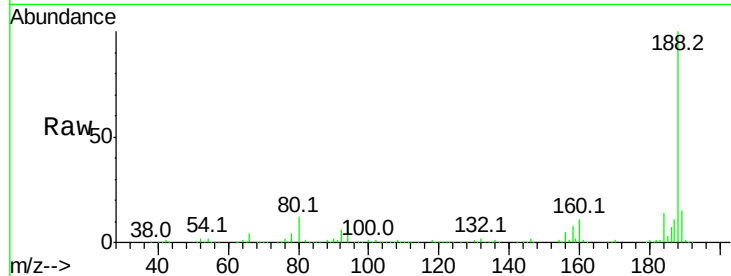




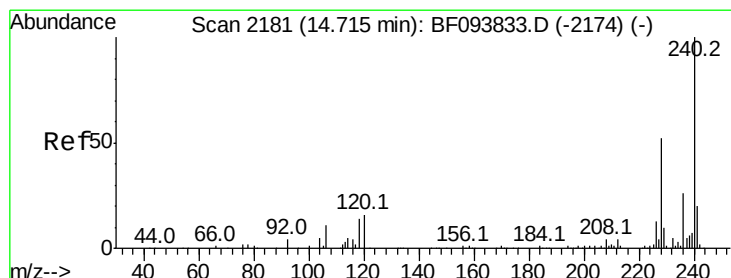
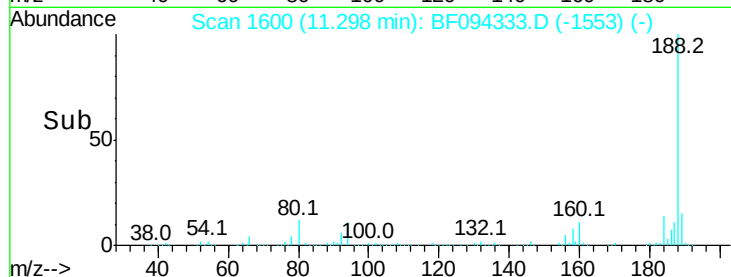
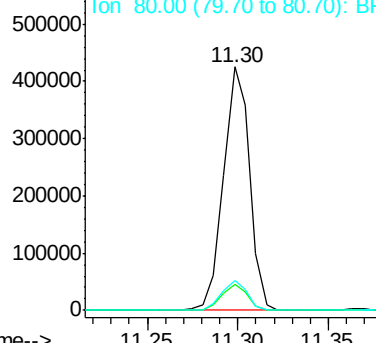
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094333.D
Acq: 11 Apr 2017 2:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 425063
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 12.2 10.2 15.2

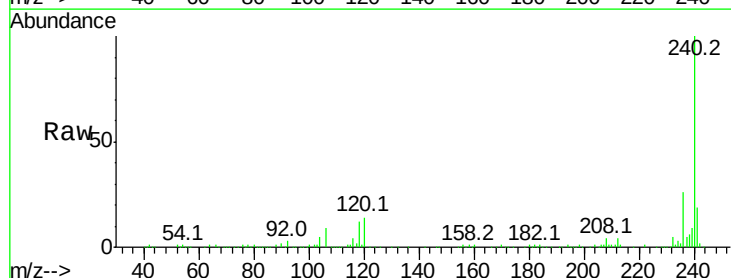


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

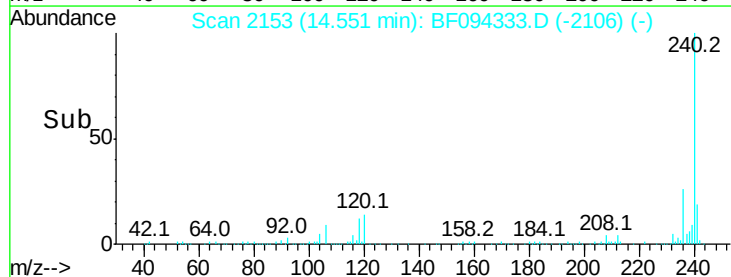
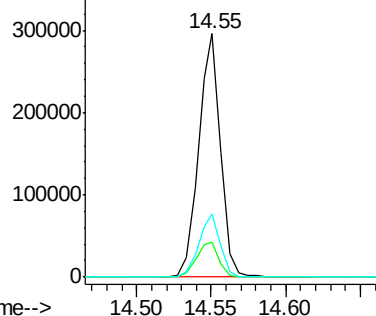


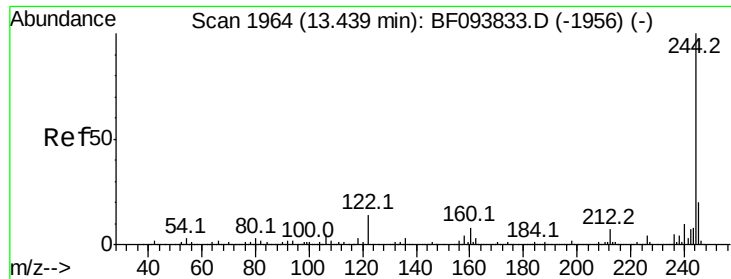
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094333.D
Acq: 11 Apr 2017 2:44

Tgt Ion:240 Resp: 305110
Ion Ratio Lower Upper
240 100
120 14.1 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

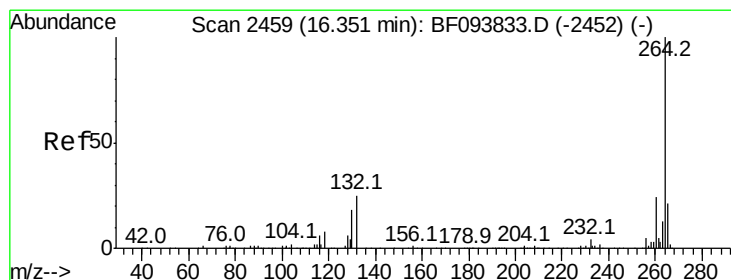
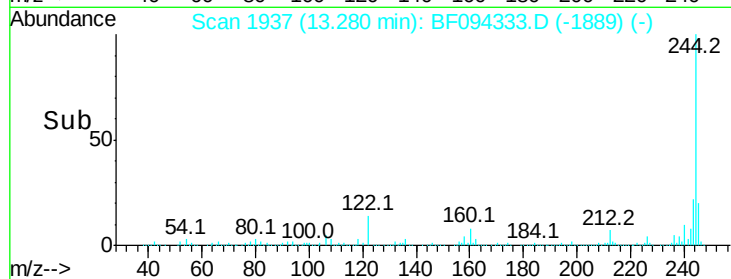
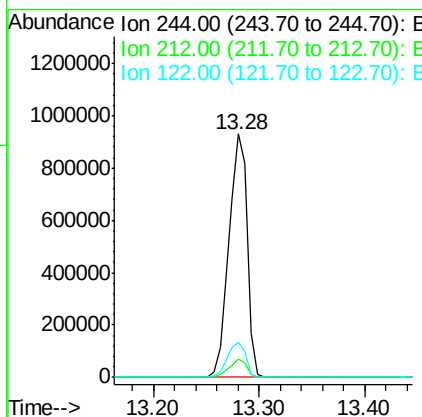
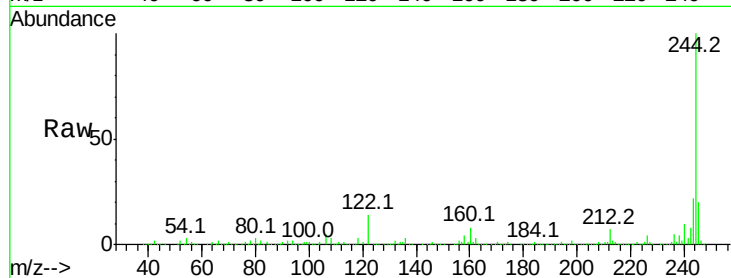




#78
 Terphenyl-d14
 Concen: 80.91 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094333.D
 Acq: 11 Apr 2017 2:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1101311
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094333.D
 Acq: 11 Apr 2017 2:44

Tgt Ion:264 Resp: 251767
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.6 17.2 25.8

