

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094888.D
 Acq On : 4 May 2017 22:47
 Operator : SJ/MA
 Sample : I2916-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 01:26:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

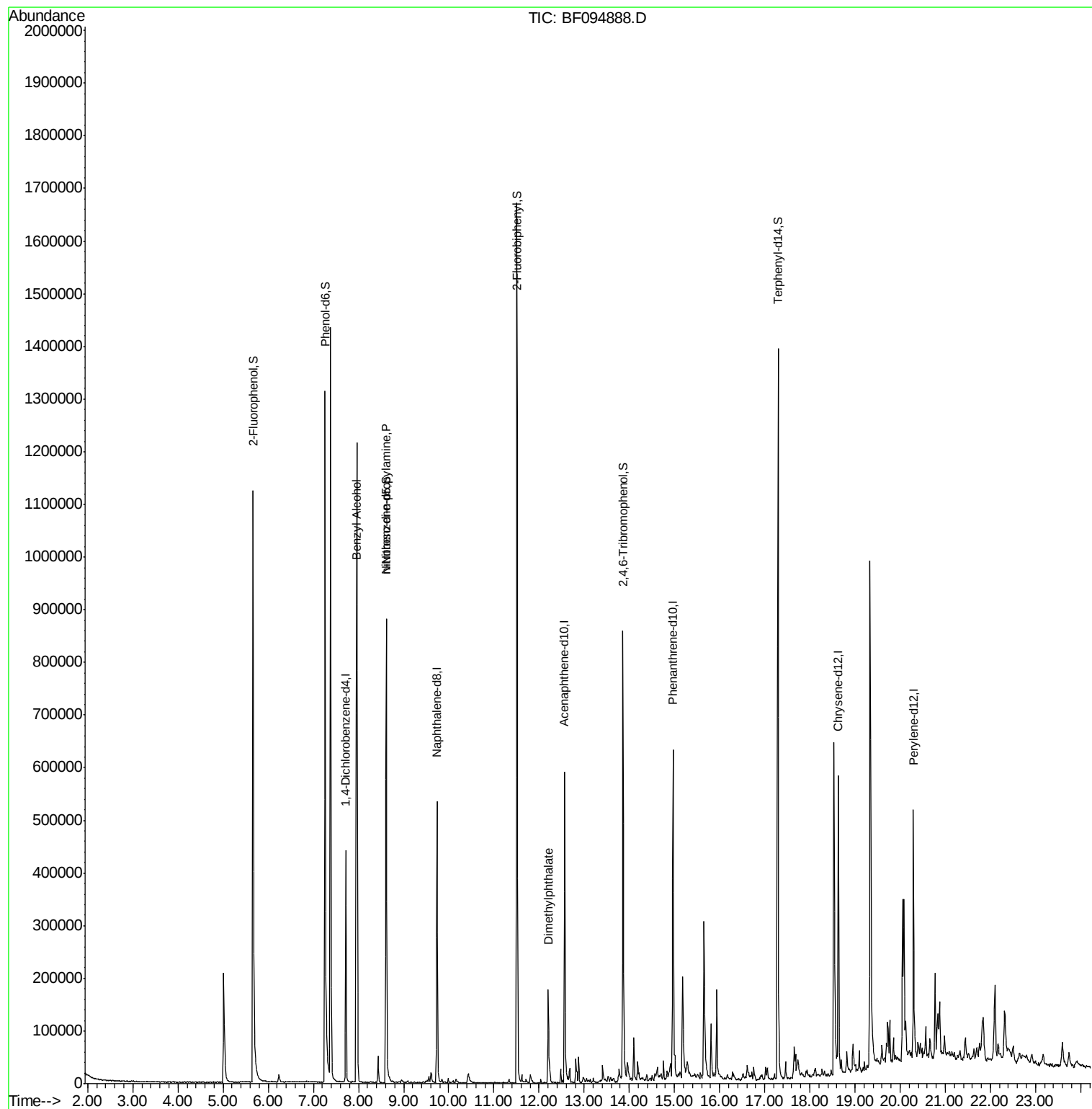
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88958	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	359263	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	171890	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	311660	20.00	ng	-0.01
75) Chrysene-d12	18.63	240	238286	20.00	ng	-0.02
86) Perylene-d12	20.29	264	189631	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	554890	104.00	ng	-0.01
7) Phenol-d6	7.26	99	704237	110.00	ng	-0.02
23) Nitrobenzene-d5	8.61	82	400938	70.37	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	144104	102.37	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	693305	58.05	ng	-0.02
78) Terphenyl-d14	17.29	244	495391	45.79	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	7.97	79	13754	3.34	ng	# 1
19) n-Nitroso-di-n-propylamine	8.61	70	51577	11.91	ng	# 75
49) Dimethylphthalate	12.21	163	108741	7.71	ng	98

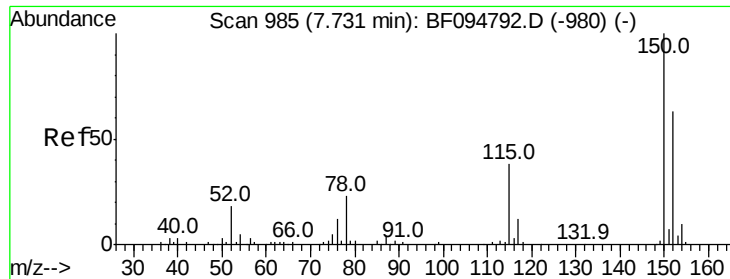
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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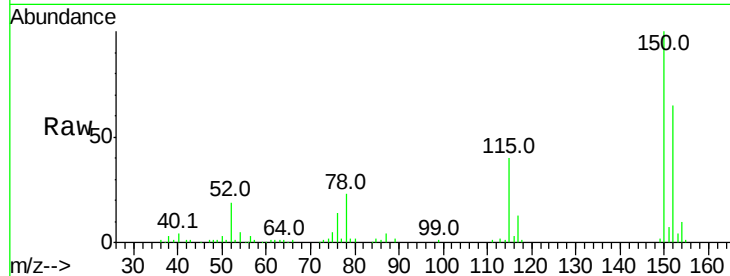


#1

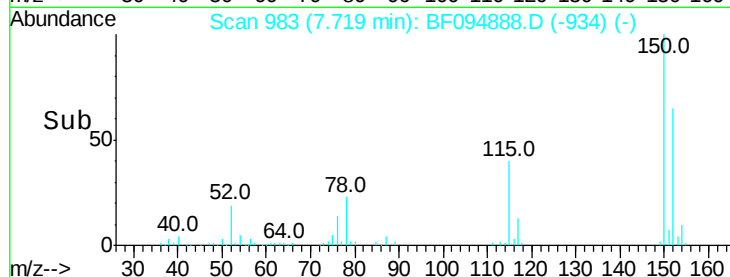
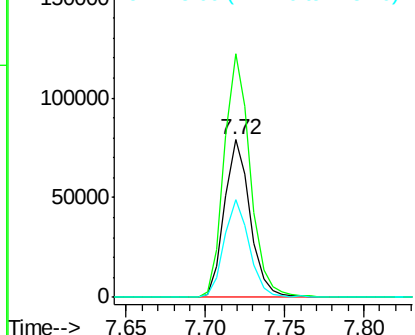
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094888.D
Acq: 4 May 2017 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88958
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 61.5 52.2 78.2



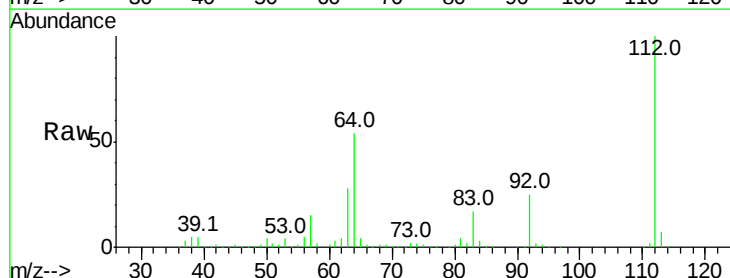
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



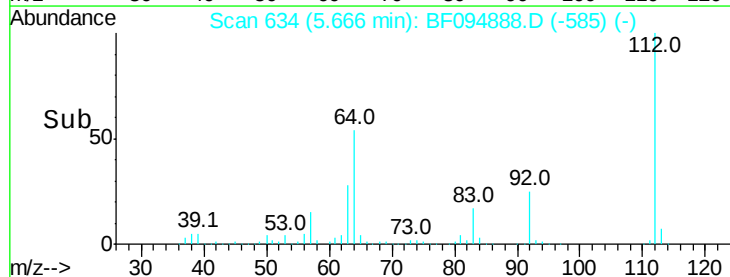
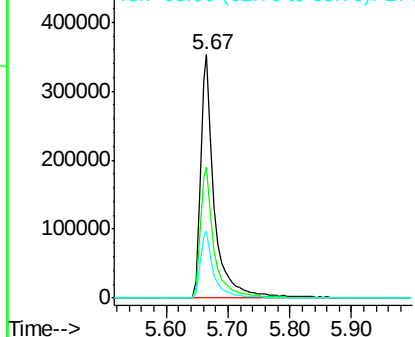
#5

2-Fluorophenol
Concen: 104.00 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094888.D
Acq: 4 May 2017 22:47

Tgt Ion:112 Resp: 554890
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 27.5 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: 110.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094888.D

Acq: 4 May 2017 22:47

Instrument :

BNA_F

ClientSampleId :

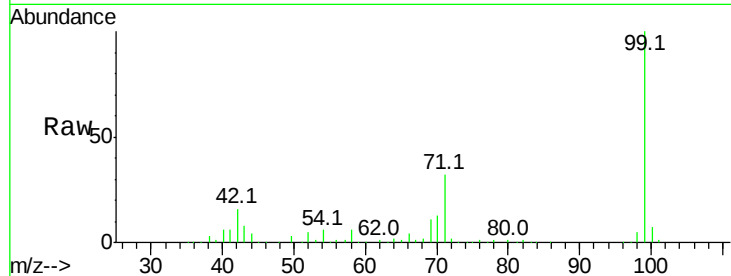
Tot Ion: 99 Resp: 704237

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

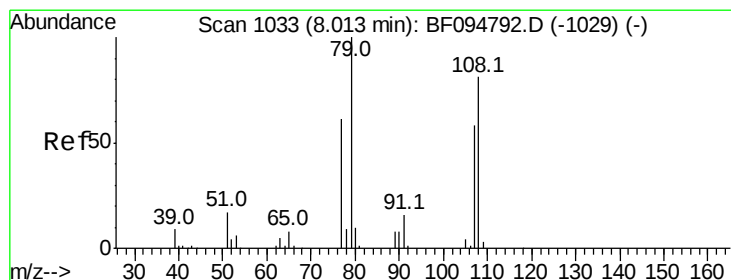
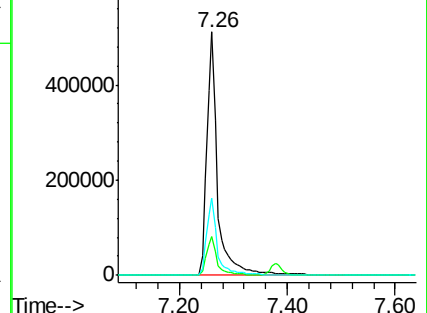
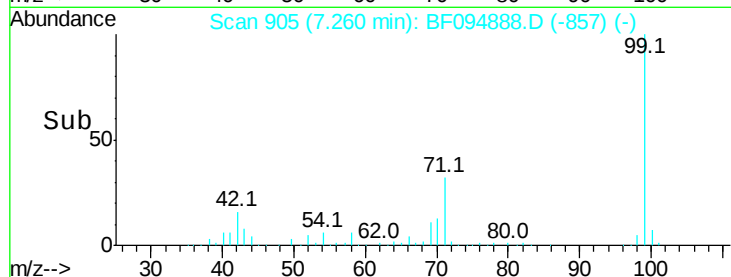
71 31.7 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 3.34 ng

RT: 7.97 min Scan# 1026

Delta R.T. -0.04 min

Lab File: BF094888.D

Acq: 4 May 2017 22:47

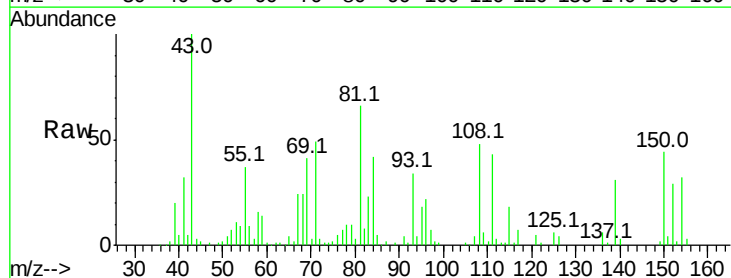
Tgt Ion: 79 Resp: 13754

Ion Ratio Lower Upper

79 100

108 467.8 63.4 95.0#

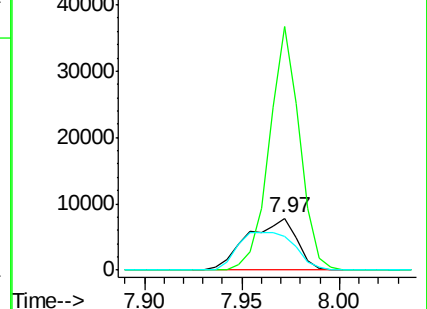
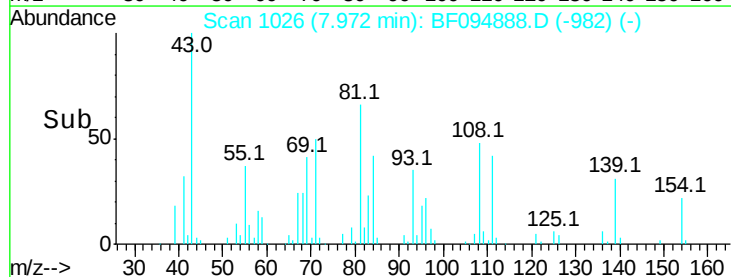
77 64.3 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 11.91 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.17 min

Lab File: BF094888.D

Acq: 4 May 2017 22:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 51577

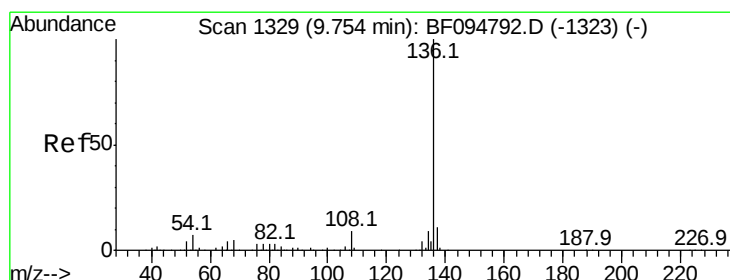
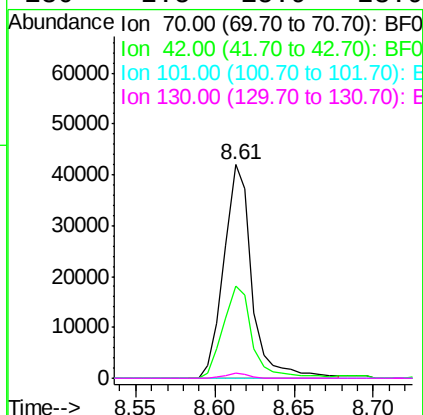
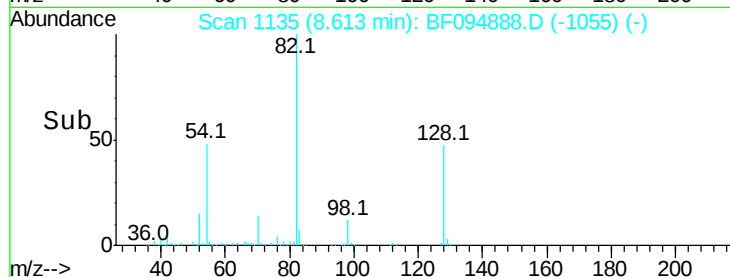
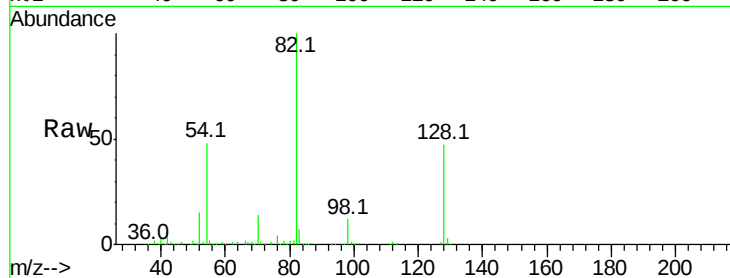
Ion Ratio Lower Upper

70 100

42 43.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094888.D

Acq: 4 May 2017 22:47

Tgt Ion: 136 Resp: 359263

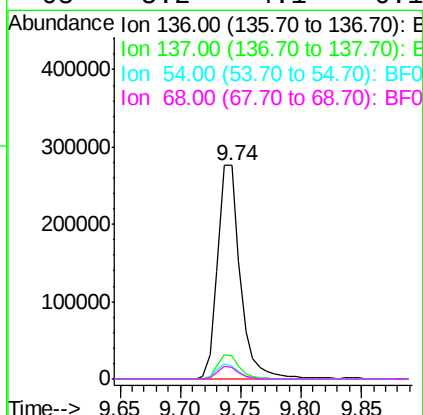
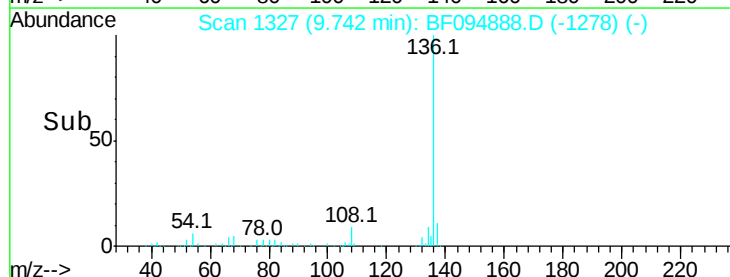
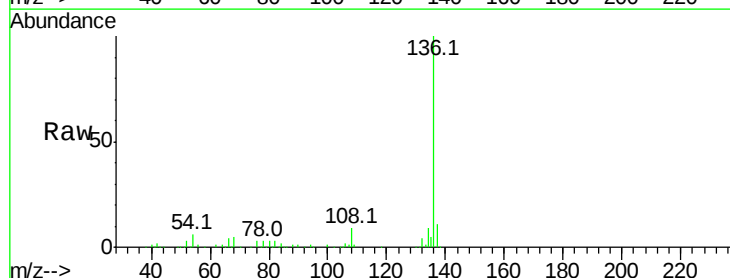
Ion Ratio Lower Upper

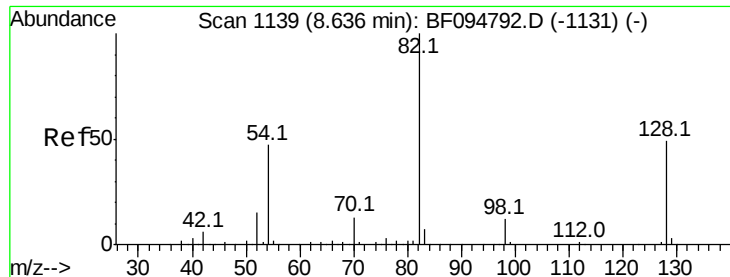
136 100

137 10.8 8.5 12.7

54 6.1 4.9 7.3

68 5.2 4.1 6.1

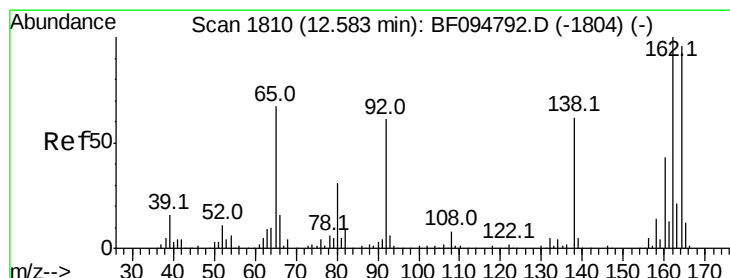
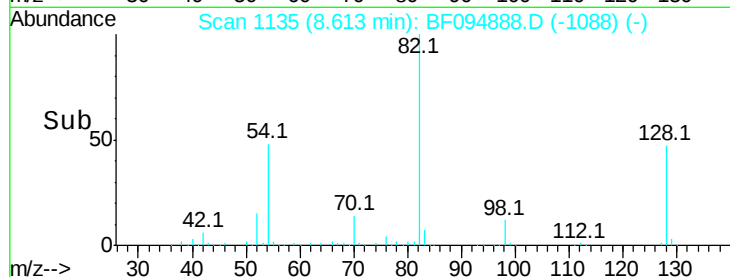
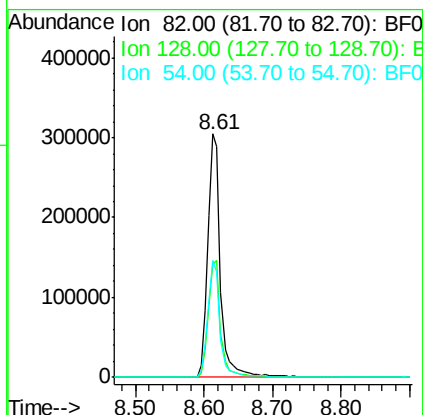
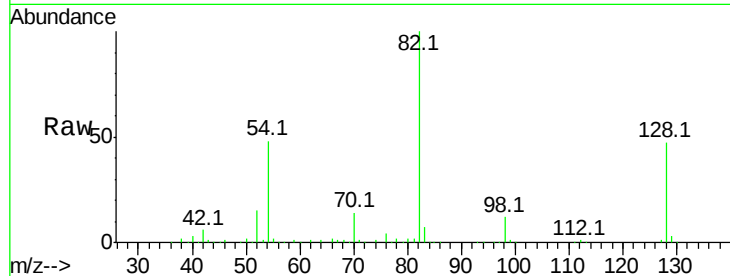




#23
Nitrobenzene-d5
Concen: 70.37 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF094888.D
Acq: 4 May 2017 22:47

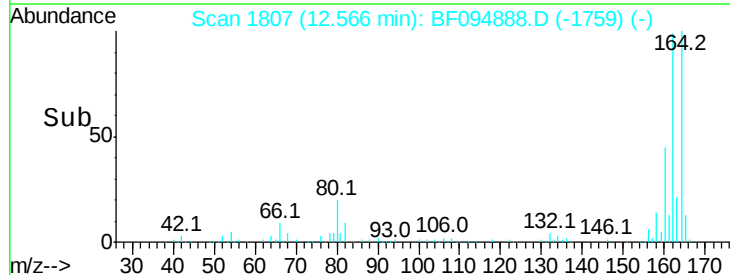
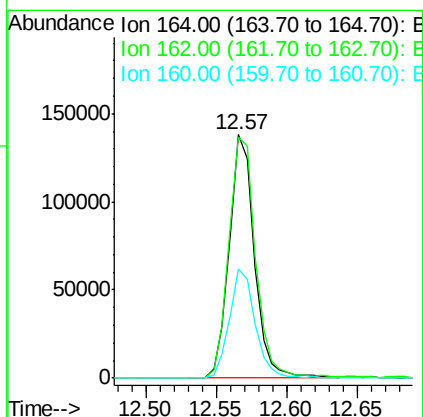
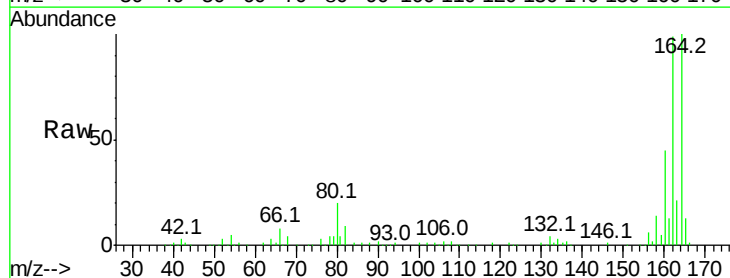
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 400938
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 48.1 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF094888.D
Acq: 4 May 2017 22:47

Tgt Ion:164 Resp: 171890
Ion Ratio Lower Upper
164 100
162 99.0 82.6 123.8
160 44.9 36.2 54.2

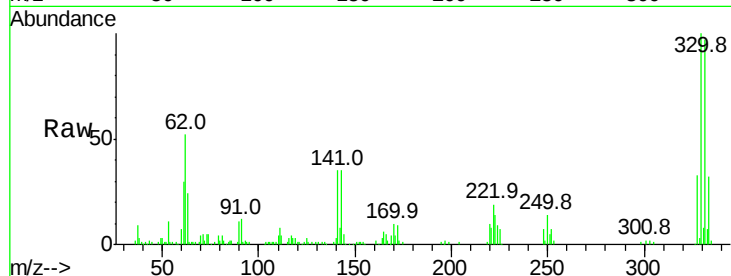




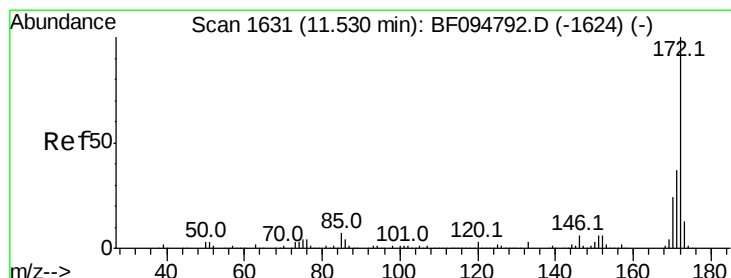
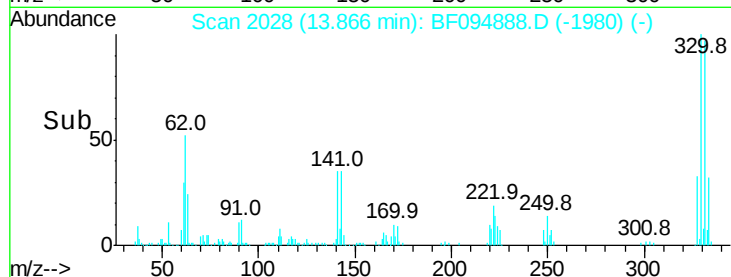
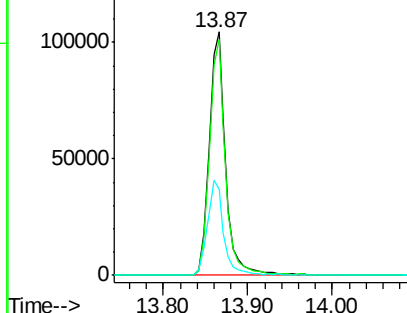
#41
 2,4,6-Tribromophenol
 Concen: 102.37 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094888.D
 Acq: 4 May 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 144104
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 115.0
 141 38.4 31.4 47.2

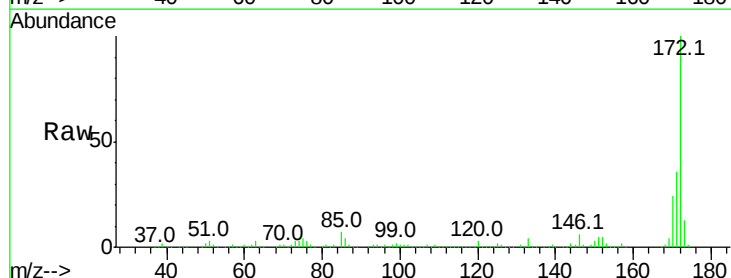


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

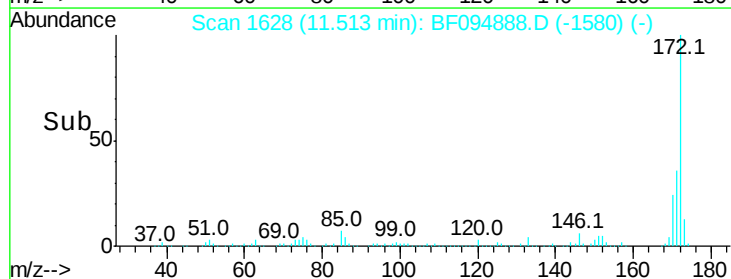
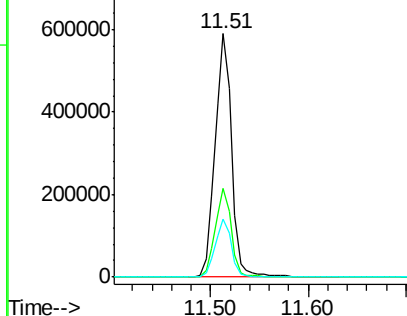


#44
 2-Fluorobiphenyl
 Concen: 58.05 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094888.D
 Acq: 4 May 2017 22:47

Tgt Ion:172 Resp: 693305
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.7 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

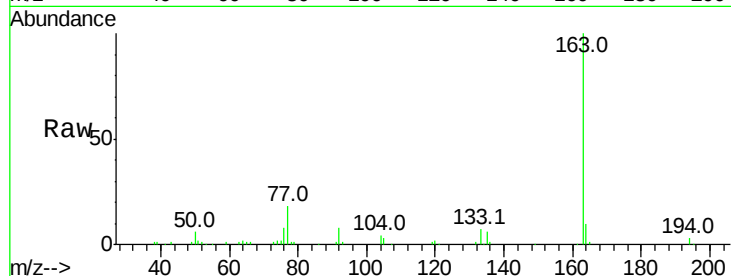




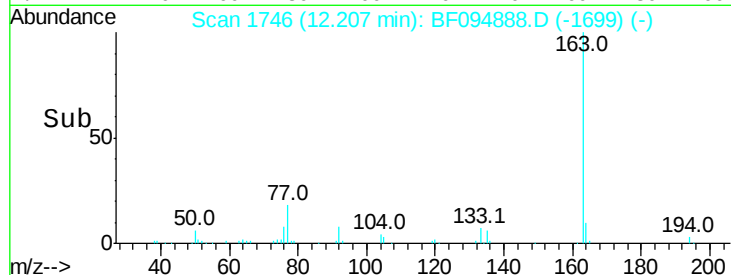
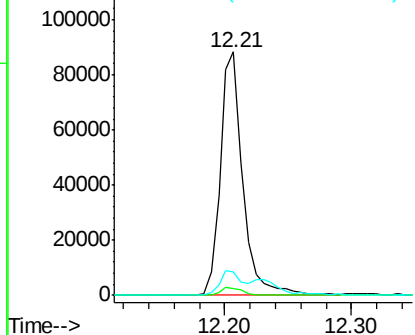
#49
Dimethylphthalate
Concen: 7.71 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094888.D
Acq: 4 May 2017 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 108741
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.6 8.4 12.6

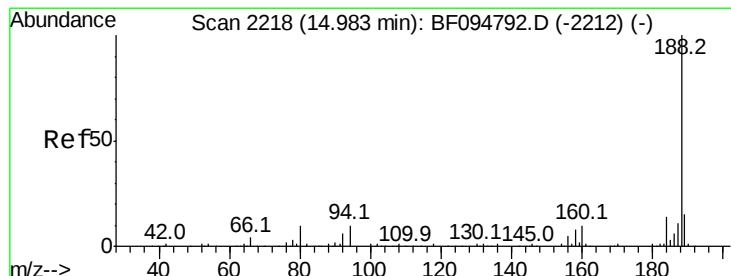


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

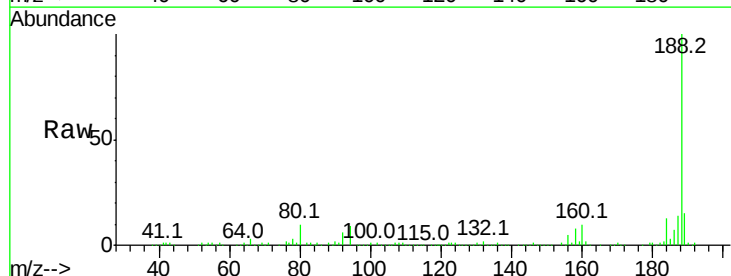
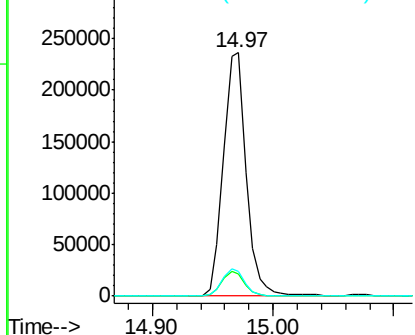


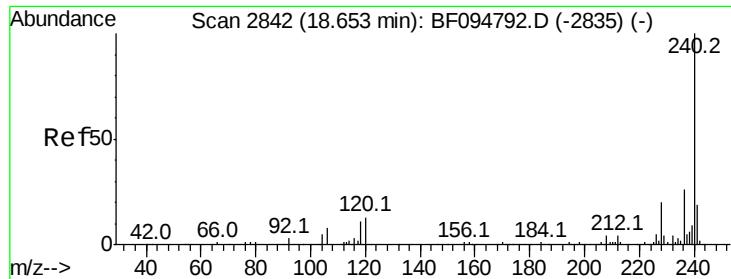
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094888.D
Acq: 4 May 2017 22:47

Tgt Ion:188 Resp: 311660
Ion Ratio Lower Upper
188 100
94 9.3 9.4 14.2#
80 10.4 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: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF094888.D

Acq: 4 May 2017 22:47

Instrument :

BNA_F

ClientSampled :

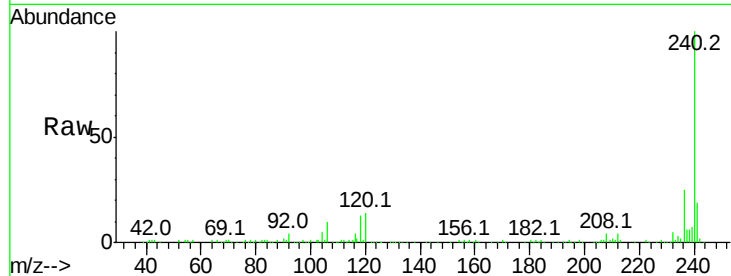
Tot Ion:240 Resp: 238286

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

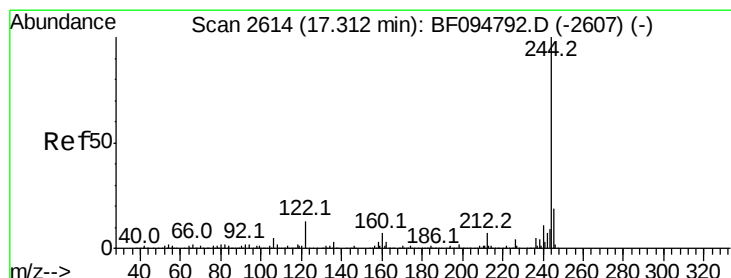
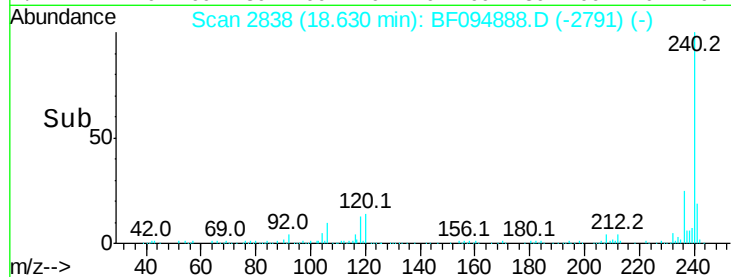
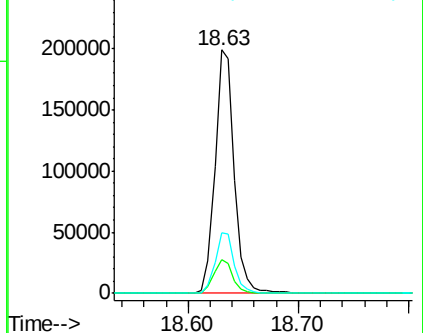
236 24.7 20.5 30.7



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: 45.79 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094888.D

Acq: 4 May 2017 22:47

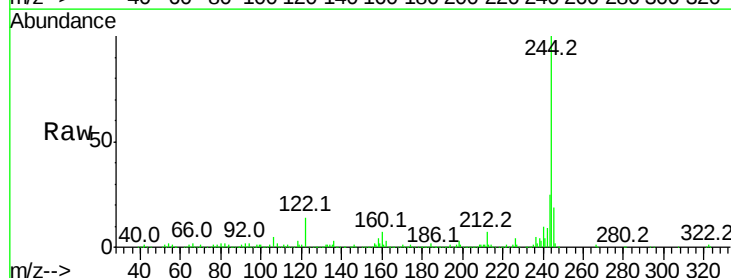
Tgt Ion:244 Resp: 495391

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

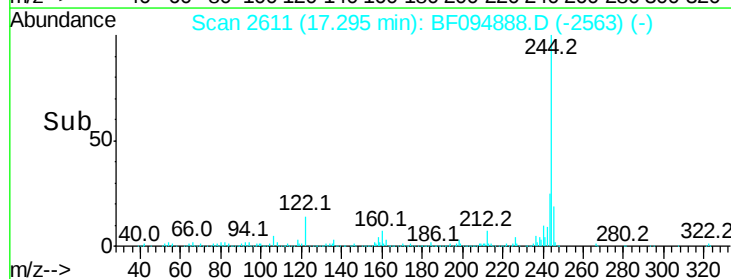
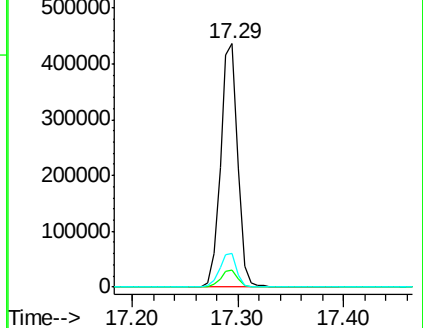
122 13.9 10.3 15.5

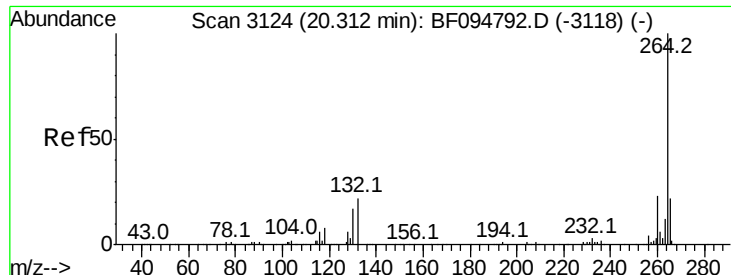


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

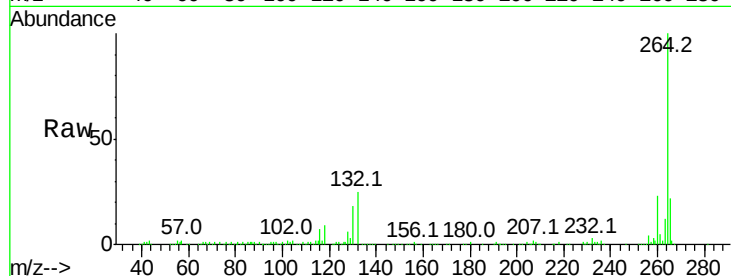




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF094888.D
 Acq: 4 May 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.9	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

