

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094931.D
 Acq On : 5 May 2017 22:51
 Operator : SJ/MA
 Sample : I2949-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 06 00:56:32 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

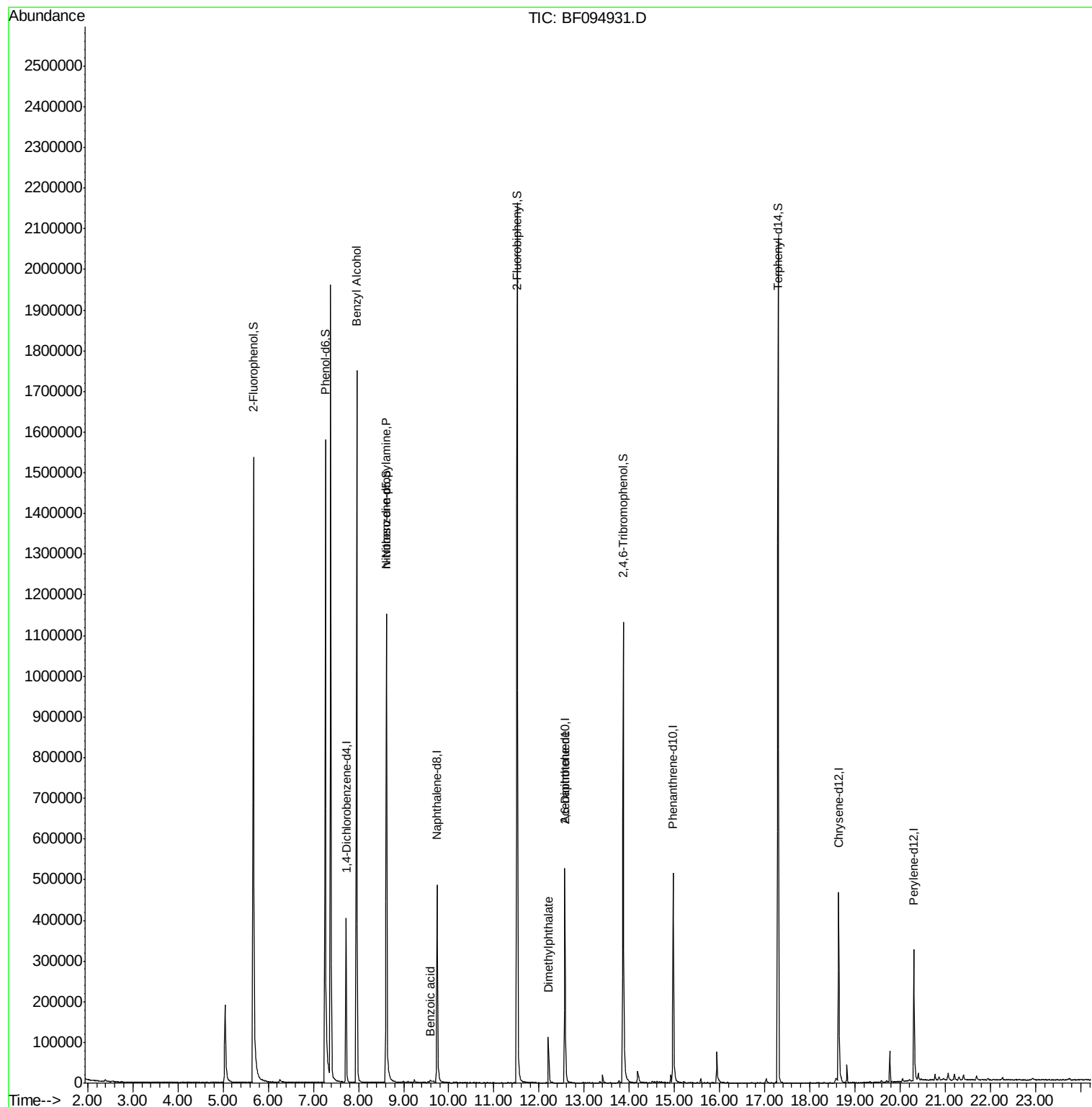
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	87413	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	366117	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	165447	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	305006	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	239390	20.00	ng	-0.02
86) Perylene-d12	20.31	264	177410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	713677	136.12	ng	0.00
7) Phenol-d6	7.27	99	888819	141.29	ng	-0.01
23) Nitrobenzene-d5	8.62	82	554011	95.42	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	204987	151.29	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1034978	90.04	ng	-0.01
78) Terphenyl-d14	17.30	244	847952	78.02	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.96	79	8740	2.16	ng	# 47
19) n-Nitroso-di-n-propylamine	8.62	70	71002	16.69	ng	# 78
32) Benzoic acid	9.61	122	2291	5.67	ng	94
49) Dimethylphthalate	12.21	163	85209	6.27	ng	97
50) 2,6-Dinitrotoluene	12.57	165	17213	6.21	ng	# 31

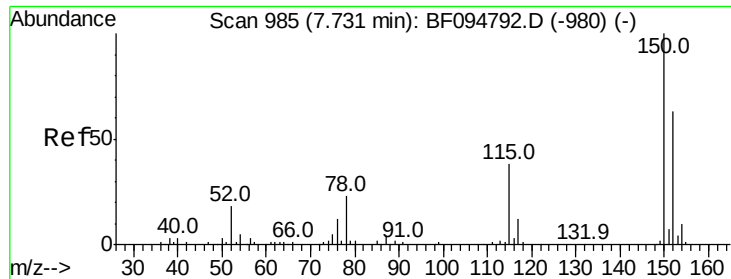
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
Data File : BF094931.D
Acq On : 5 May 2017 22:51
Operator : SJ/MA
Sample : I2949-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 06 00:56:32 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



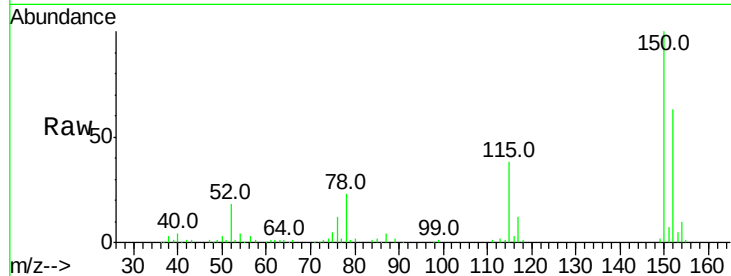


#1

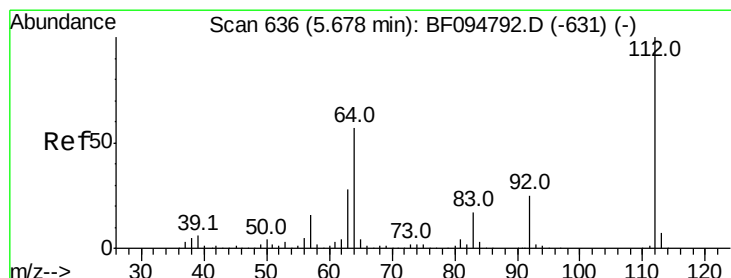
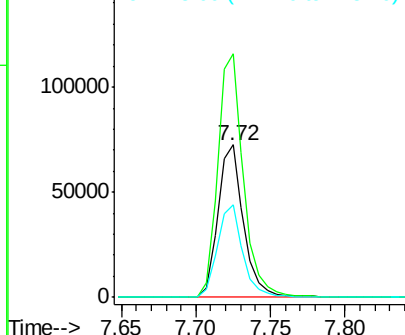
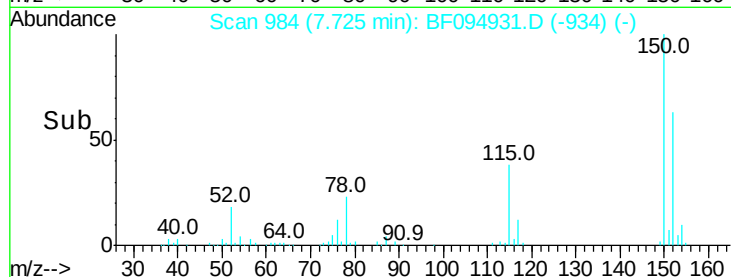
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094931.D
Acq: 5 May 2017 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87413
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 60.5 52.2 78.2



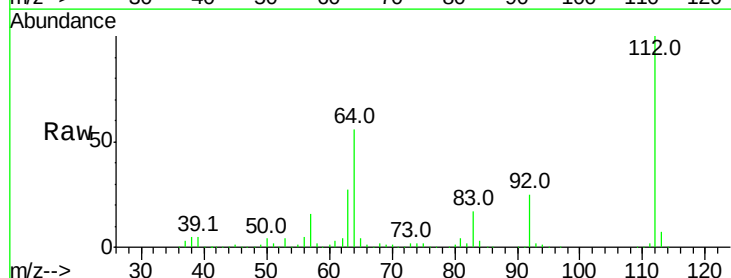
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



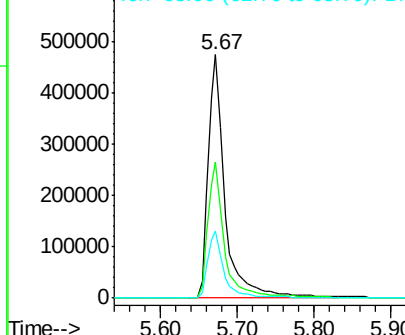
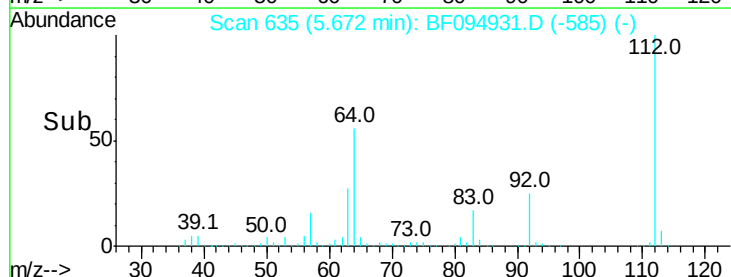
#5

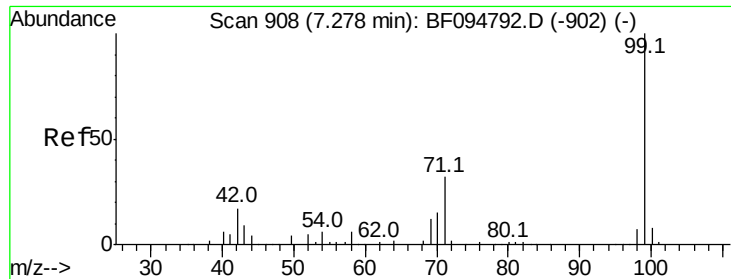
2-Fluorophenol
Concen: 136.12 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094931.D
Acq: 5 May 2017 22:51

Tgt Ion:112 Resp: 713677
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 27.4 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: 141.29 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094931.D

Acq: 5 May 2017 22:51

Instrument :

BNA_F

ClientSampled :

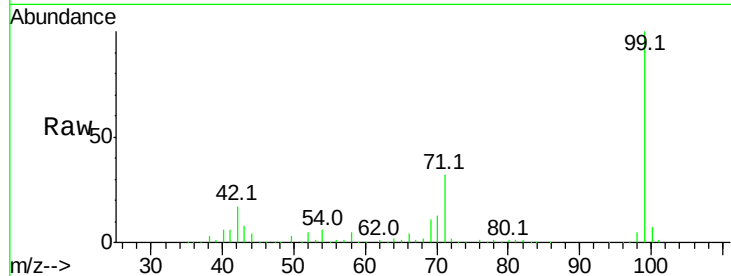
Tot Ion: 99 Resp: 888819

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

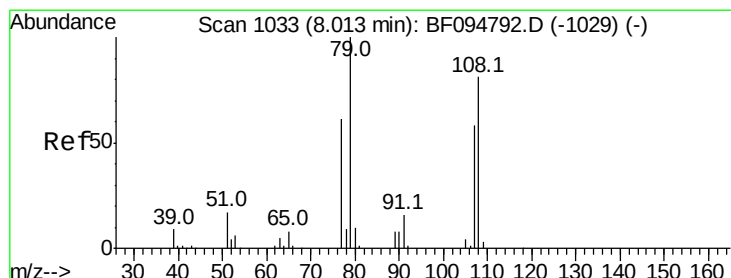
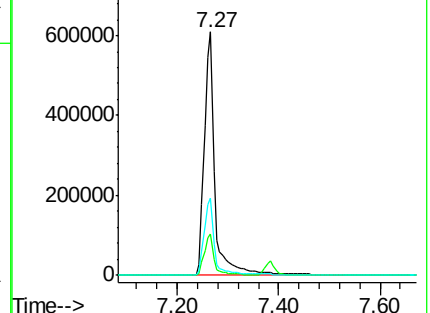
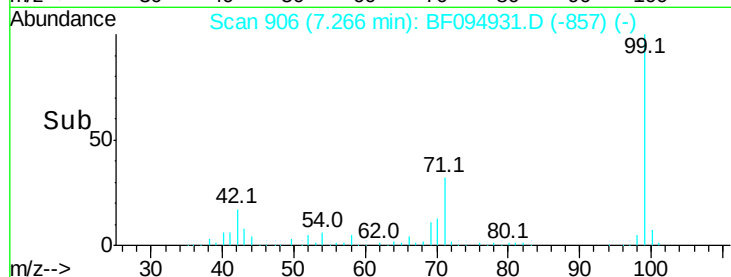
71 31.9 24.5 36.7



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: 2.16 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094931.D

Acq: 5 May 2017 22:51

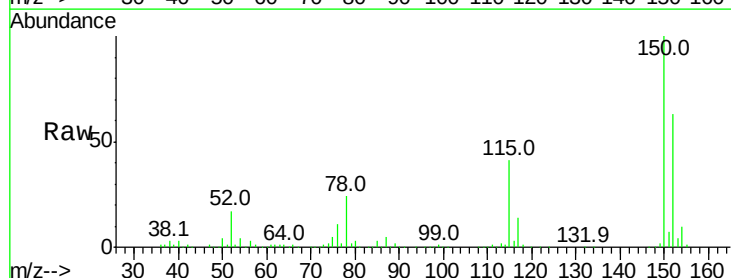
Tgt Ion: 79 Resp: 8740

Ion Ratio Lower Upper

79 100

108 30.6 63.4 95.0#

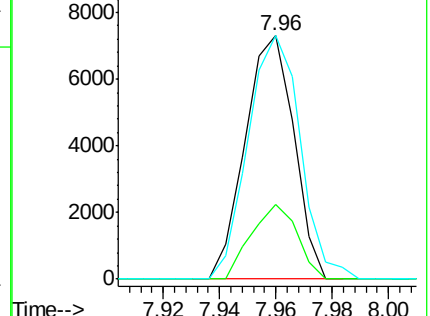
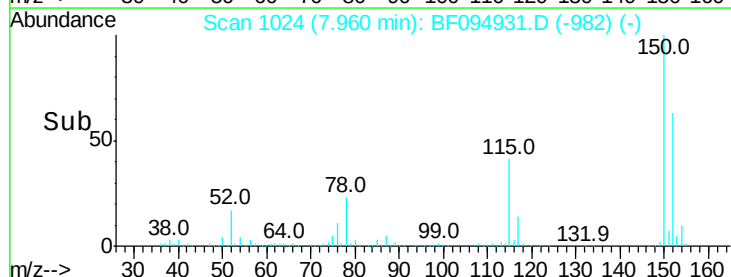
77 99.9 49.2 73.8#

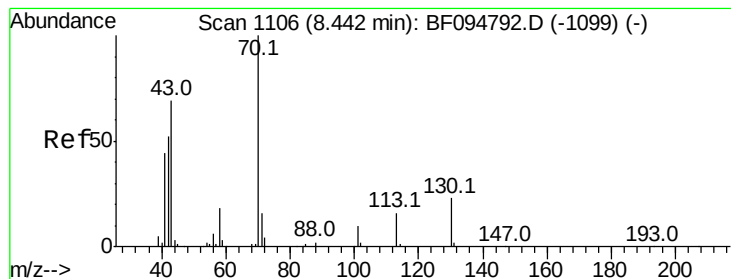


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 16.69 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094931.D

Acq: 5 May 2017 22:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 71002

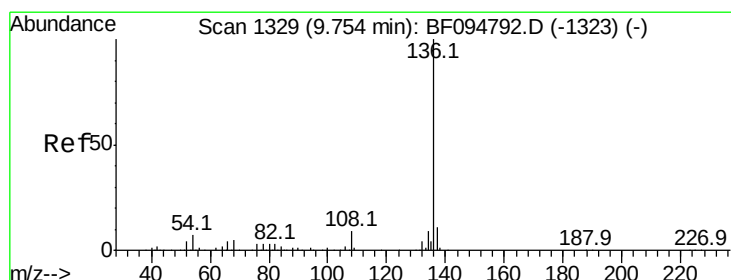
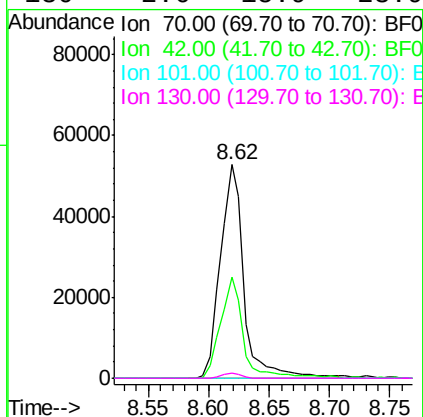
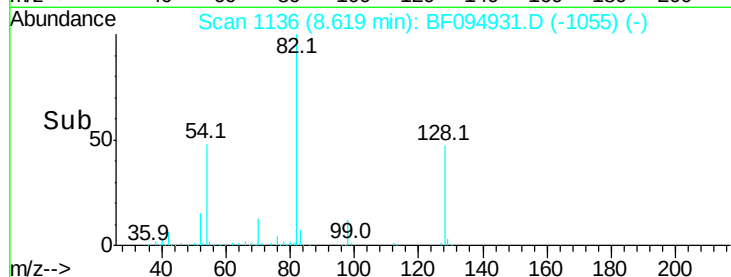
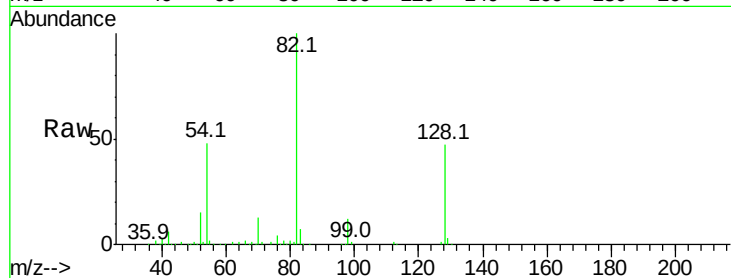
Ion Ratio Lower Upper

70 100

42 47.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 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: BF094931.D

Acq: 5 May 2017 22:51

Tgt Ion:136 Resp: 366117

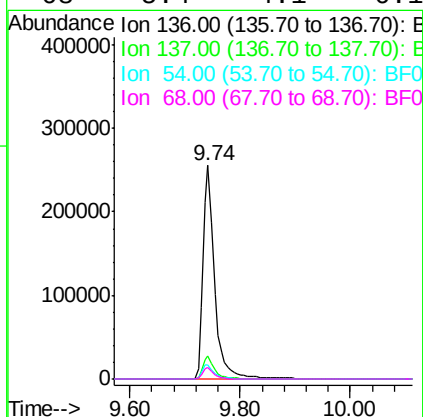
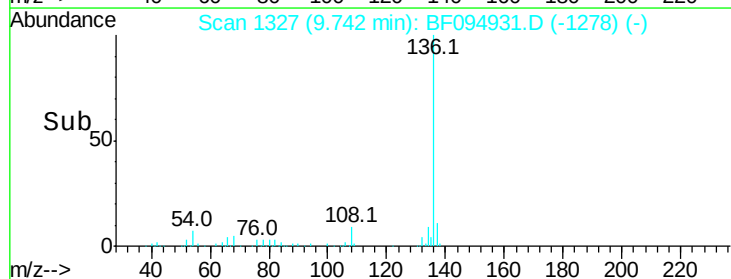
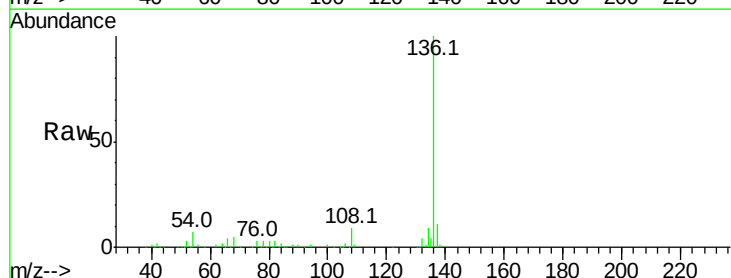
Ion Ratio Lower Upper

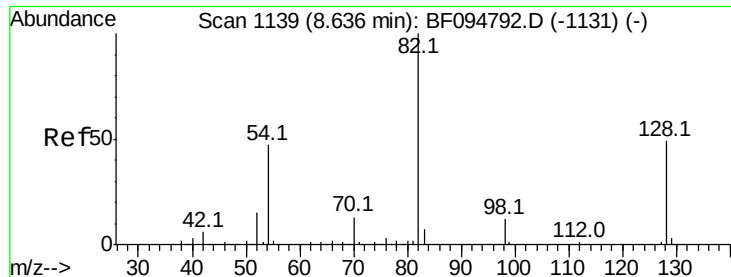
136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

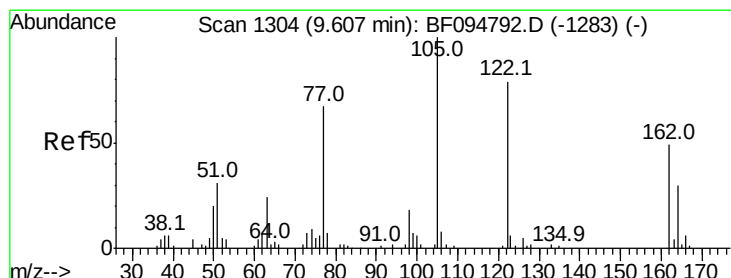
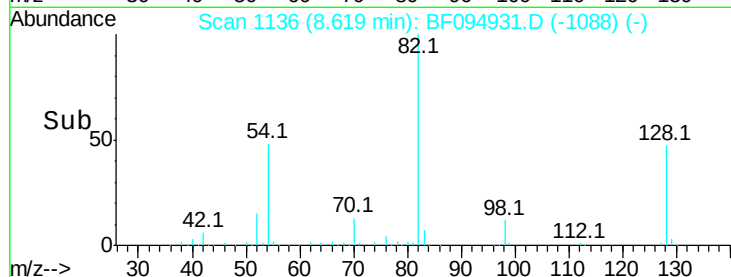
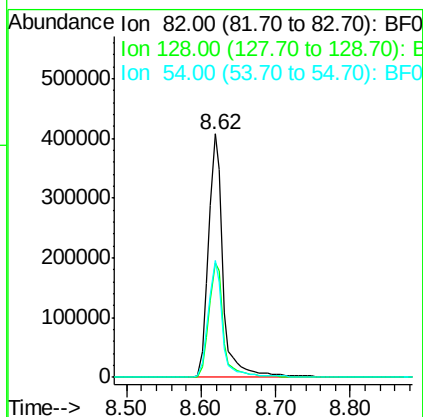
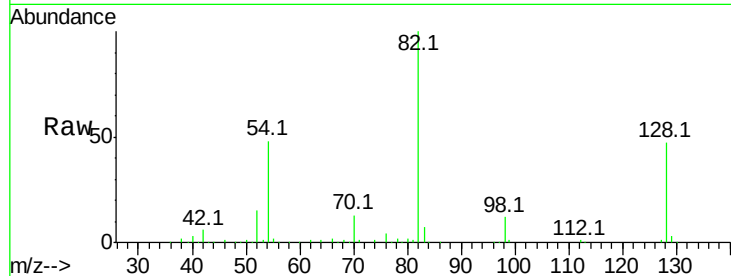




#23
 Nitrobenzene-d5
 Concen: 95.42 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094931.D
 Acq: 5 May 2017 22:51

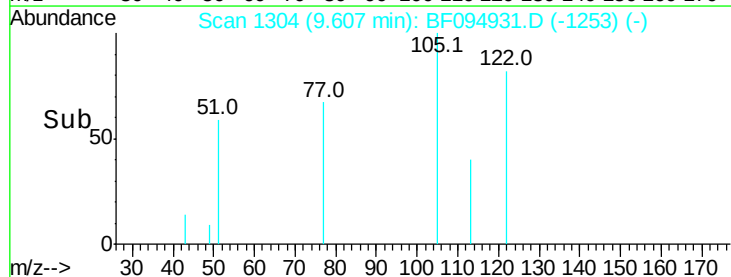
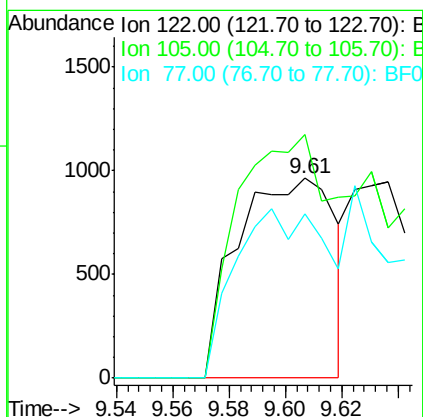
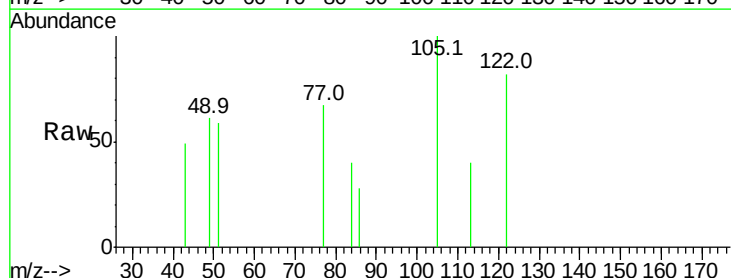
Instrument :
 BNA_F
 ClientSampleId :

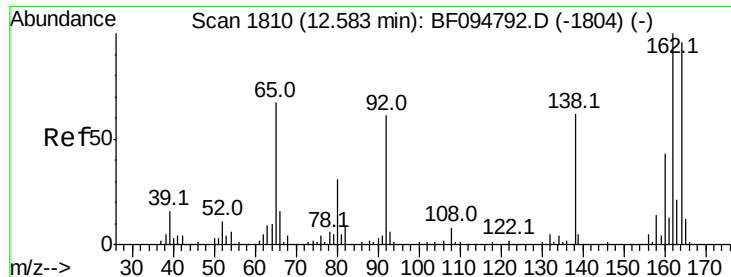
Tot Ion: 82 Resp: 554011
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 47.8 42.2 63.2



#32
 Benzoic acid
 Concen: 5.67 ng
 RT: 9.61 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF094931.D
 Acq: 5 May 2017 22:51

Tgt Ion:122 Resp: 2291
 Ion Ratio Lower Upper
 122 100
 105 121.8 103.3 143.3
 77 82.1 73.7 113.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094931.D

Acq: 5 May 2017 22:51

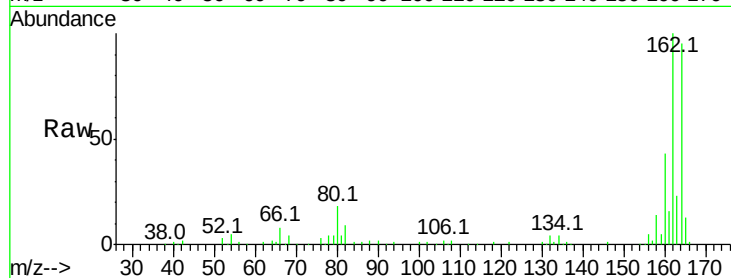
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 165447

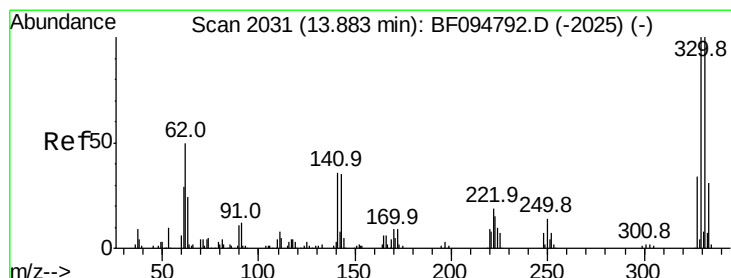
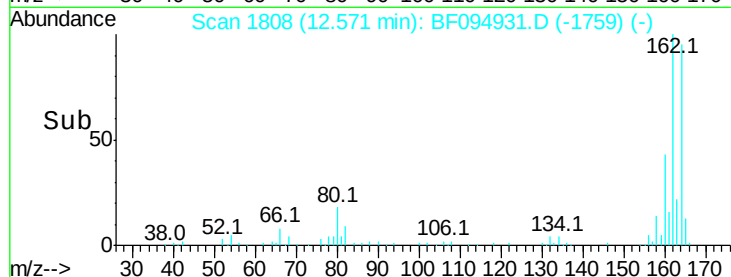
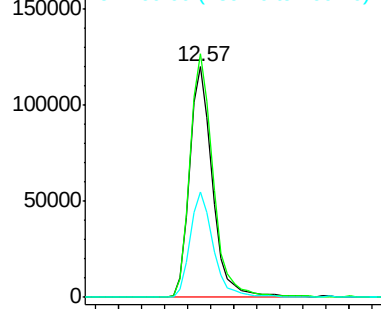
Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.6	123.8
160	45.7	36.2	54.2



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: 151.29 ng

RT: 13.87 min Scan# 2028

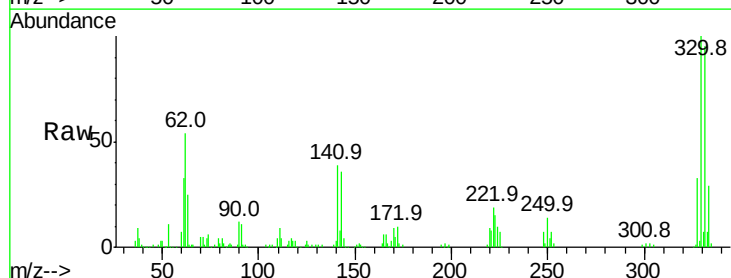
Delta R.T. -0.02 min

Lab File: BF094931.D

Acq: 5 May 2017 22:51

Tgt Ion:330 Resp: 204987

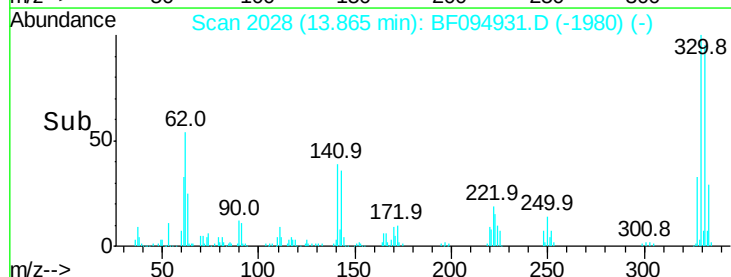
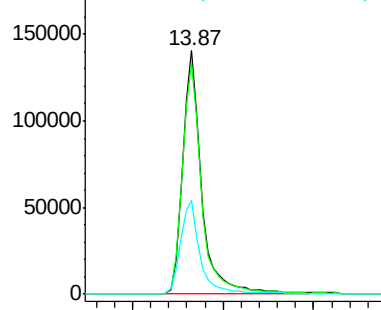
Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	40.5	31.4	47.2

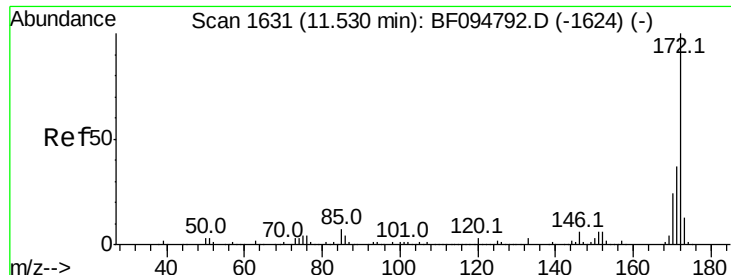


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

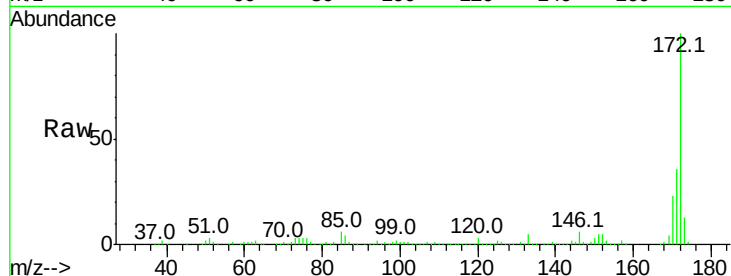




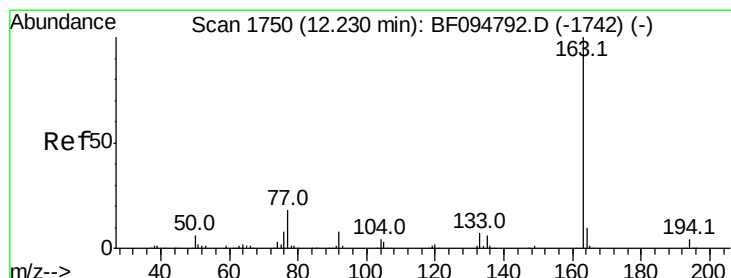
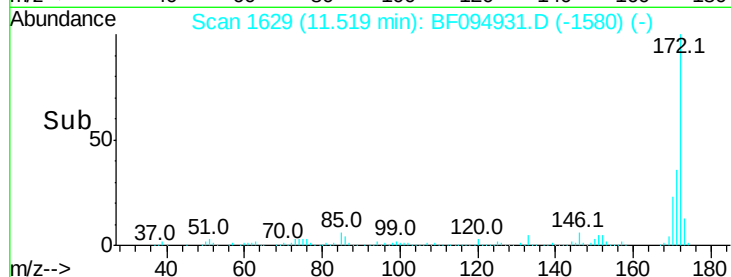
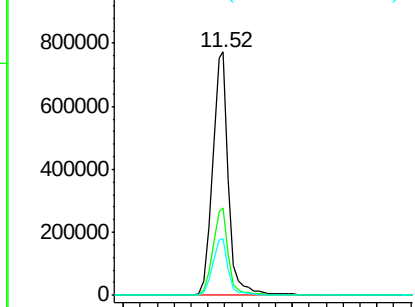
#44
2-Fluorobiphenyl
Concen: 90.04 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094931.D
Acq: 5 May 2017 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1034978
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.4 19.8 29.8

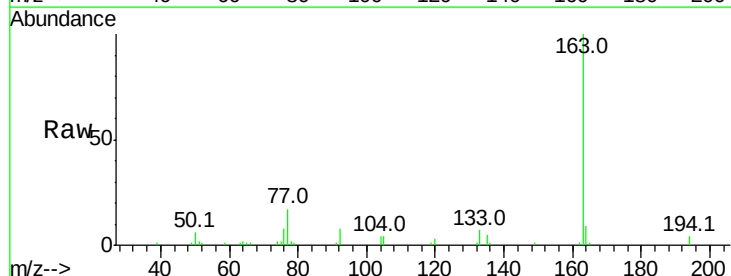


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

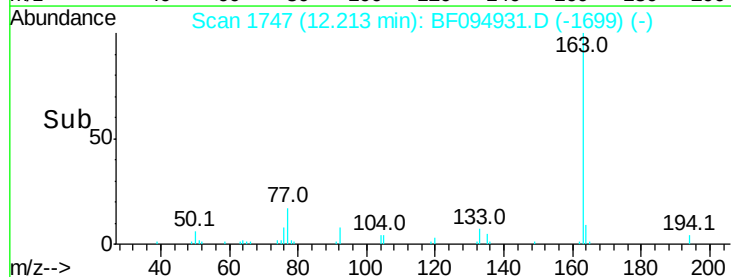
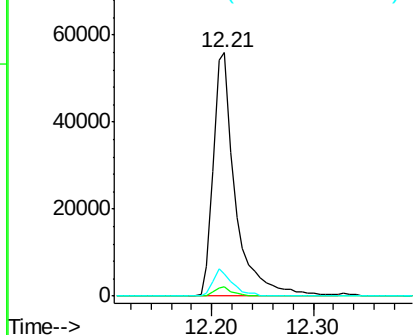


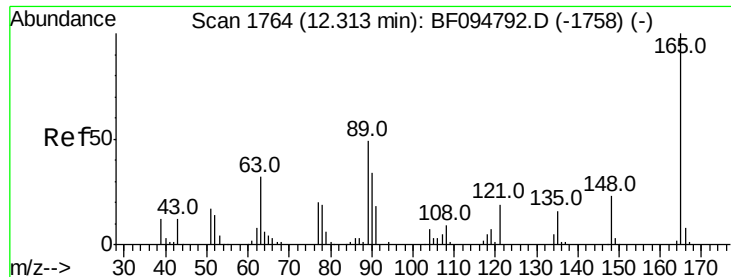
#49
Dimethylphthalate
Concen: 6.27 ng
RT: 12.21 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BF094931.D
Acq: 5 May 2017 22:51

Tgt Ion:163 Resp: 85209
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.1 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

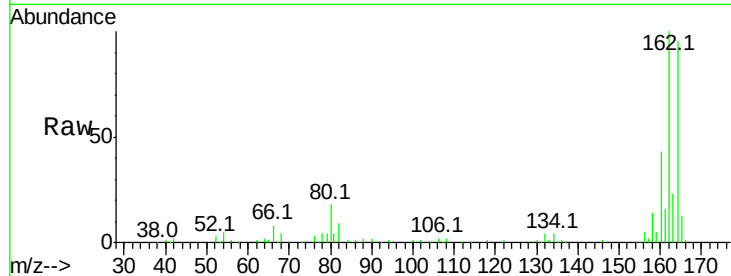




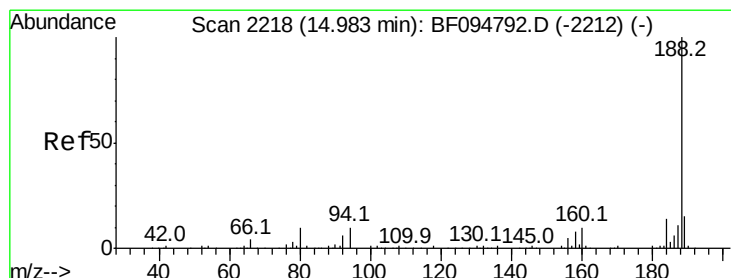
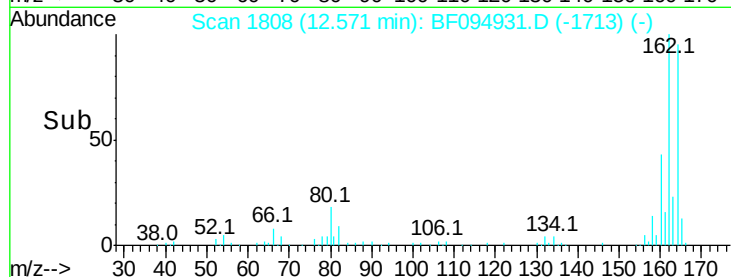
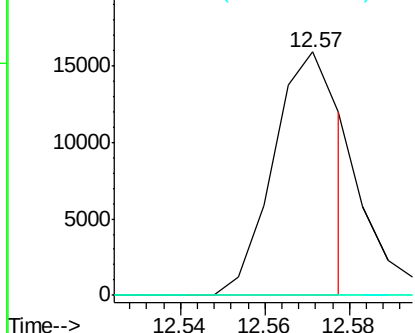
#50
 2,6-Dinitrotoluene
 Concen: 6.21 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094931.D
 Acq: 5 May 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17213
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

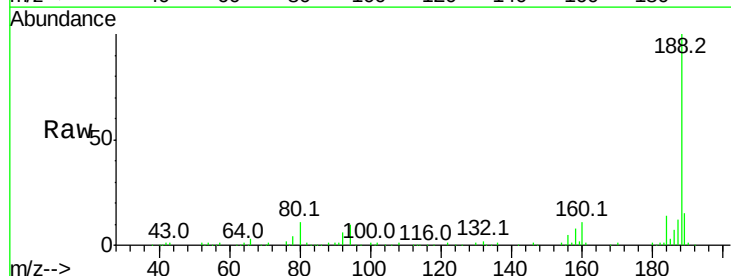


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

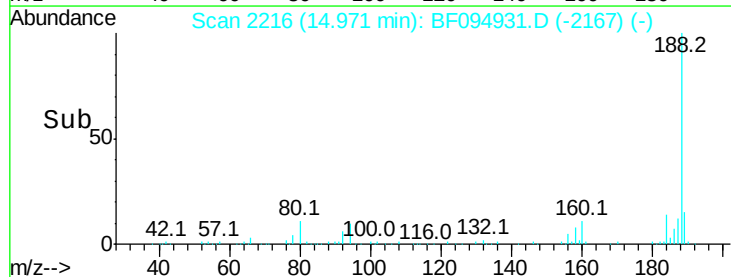
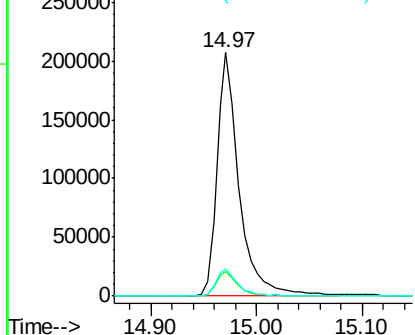


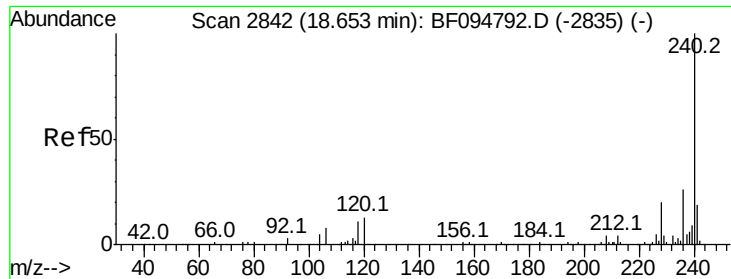
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094931.D
 Acq: 5 May 2017 22:51

Tgt Ion:188 Resp: 305006
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.5 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: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094931.D

Acq: 5 May 2017 22:51

Instrument :

BNA_F

ClientSampleId :

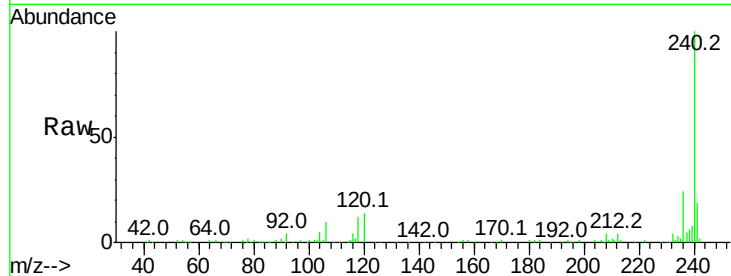
Tot Ion:240 Resp: 239390

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

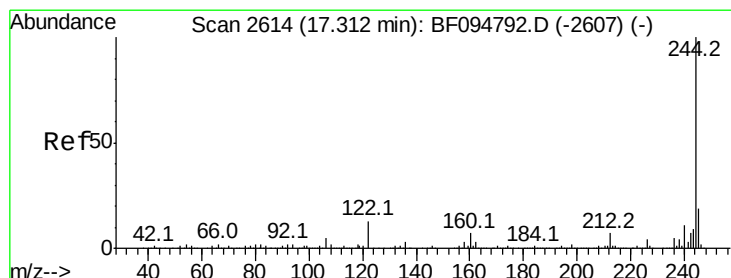
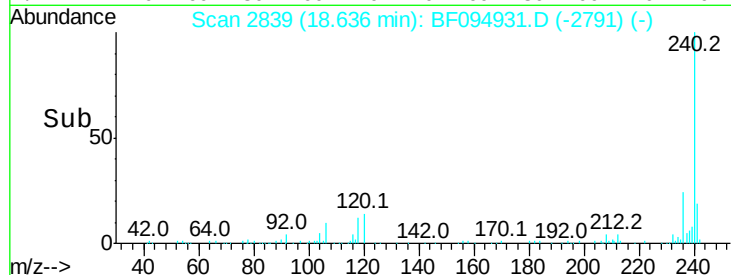
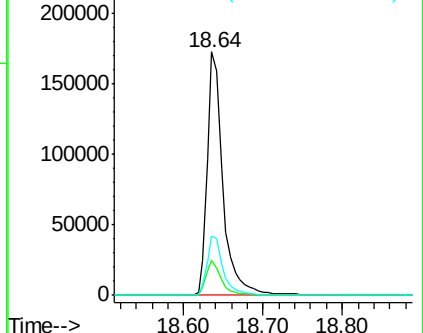
236 24.2 20.5 30.7



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: 78.02 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094931.D

Acq: 5 May 2017 22:51

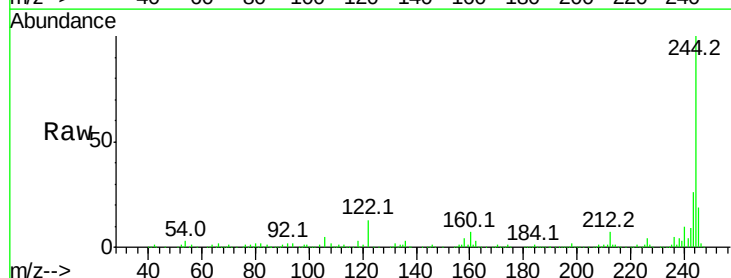
Tgt Ion:244 Resp: 847952

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

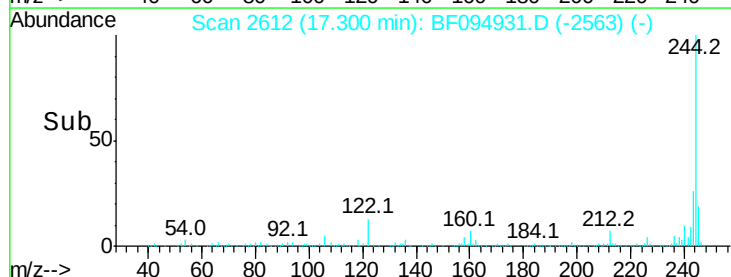
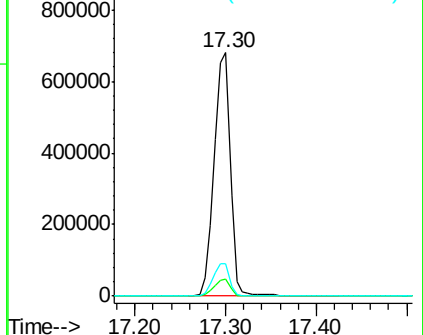
122 13.1 10.3 15.5

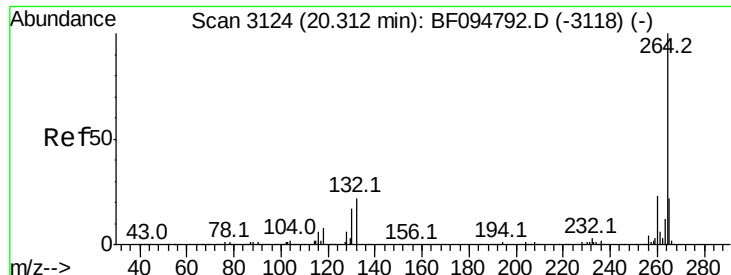


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

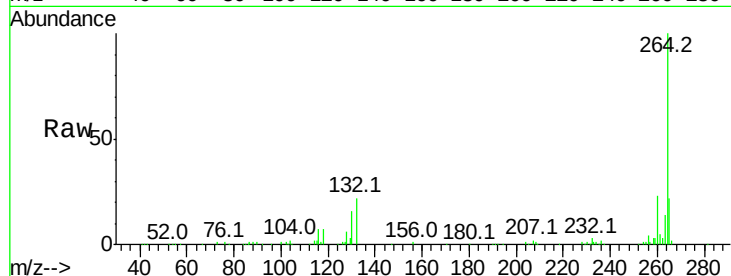




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094931.D
Acq: 5 May 2017 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.3	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

