

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094990.D
 Acq On : 8 May 2017 20:37
 Operator : SJ/MA
 Sample : I3010-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 01:50:49 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

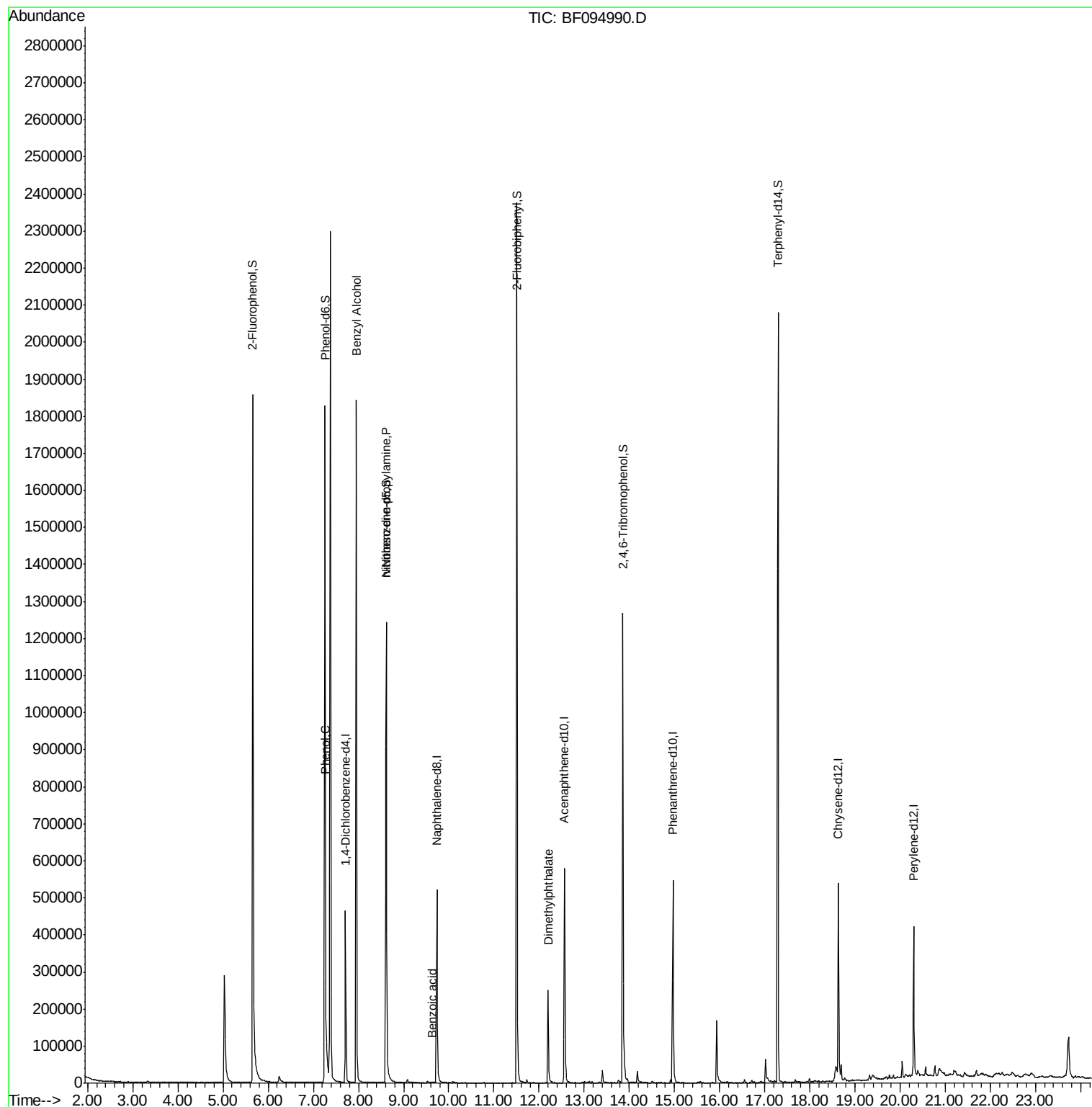
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	95550	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	397510	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	181008	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	318231	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	233882	20.00	ng	-0.02
86) Perylene-d12	20.30	264	193428	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	878762	153.33	ng	-0.02
7) Phenol-d6	7.26	99	1081497	157.28	ng	-0.02
23) Nitrobenzene-d5	8.61	82	629250	99.82	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	226616	152.87	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1083974	86.20	ng	-0.02
78) Terphenyl-d14	17.29	244	845723	79.65	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	23354	3.22	ng	Qvalue 90
15) Benzyl Alcohol	7.95	79	9082	2.05	ng	# 49
19) n-Nitroso-di-n-propylamine	8.61	70	80618	17.33	ng	# 76
32) Benzoic acid	9.62	122	437	5.19	ng	# 76
49) Dimethylphthalate	12.20	163	165647	11.15	ng	98

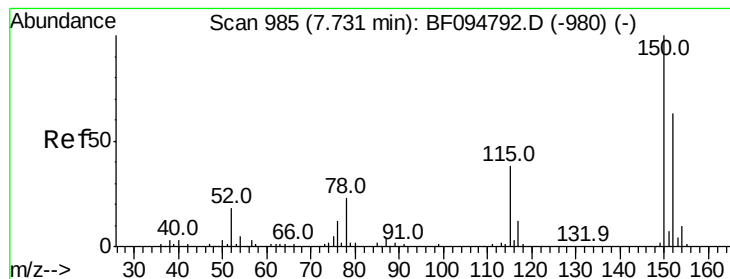
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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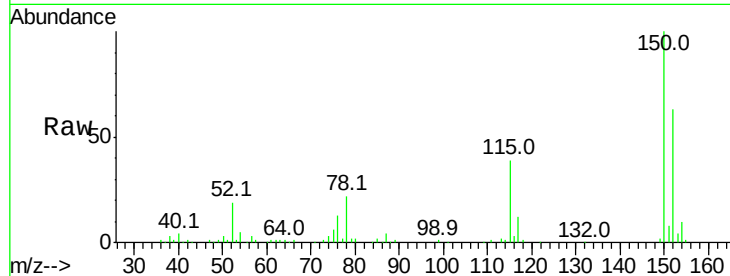


#1

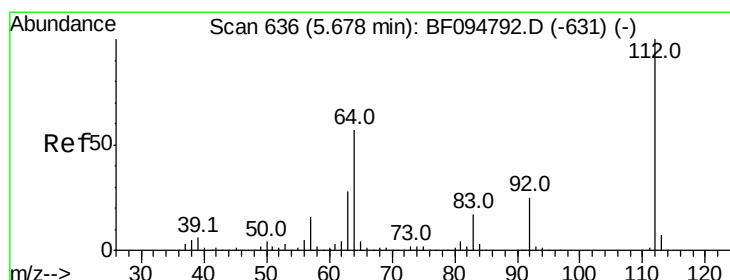
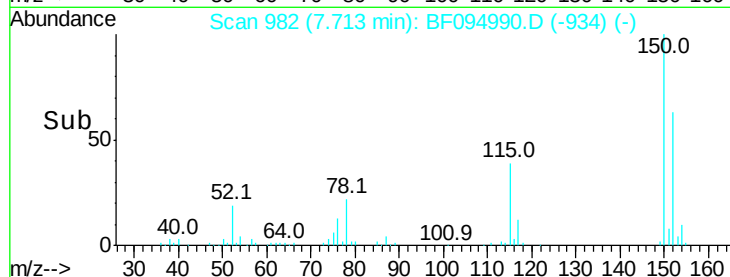
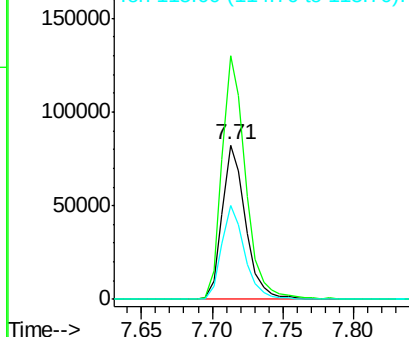
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.71 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BF094990.D
 Acq: 8 May 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 95550
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.2 189.2
 115 61.2 52.2 78.2



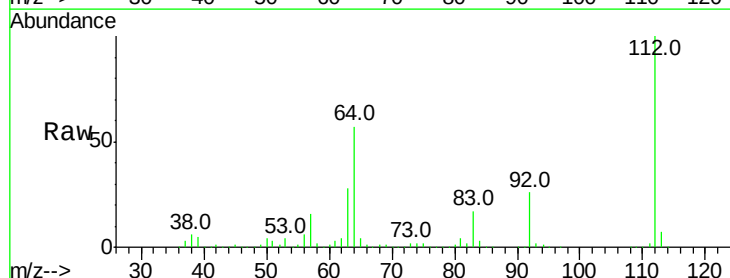
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



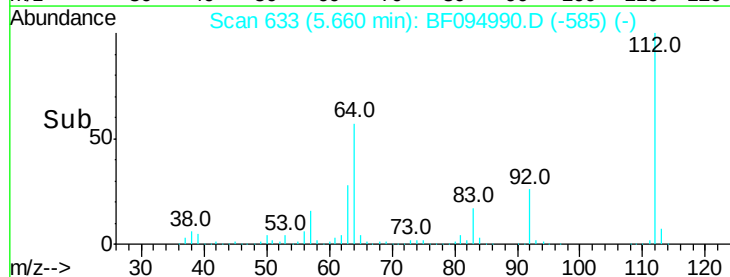
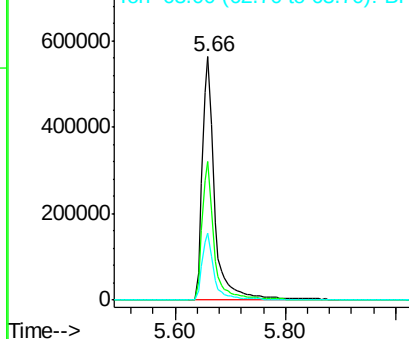
#5

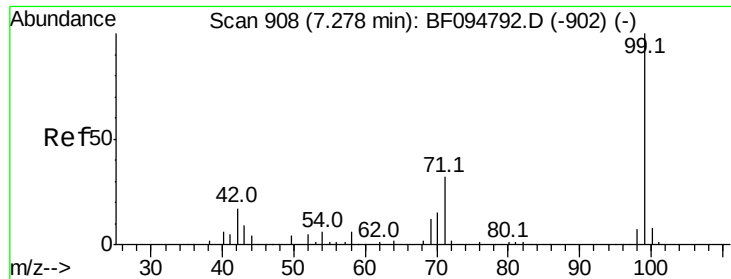
2-Fluorophenol
 Concen: 153.33 ng
 RT: 5.66 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF094990.D
 Acq: 8 May 2017 20:37

Tgt Ion:112 Resp: 878762
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.0 69.0
 63 27.7 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: 157.28 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

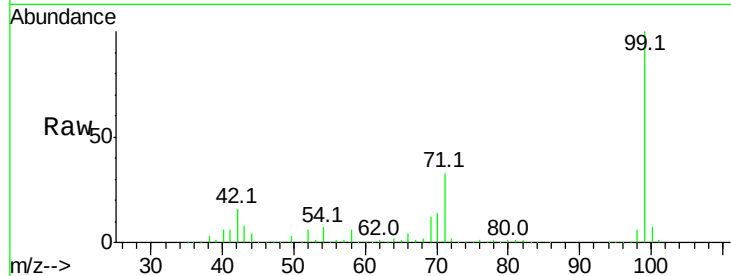
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1081497

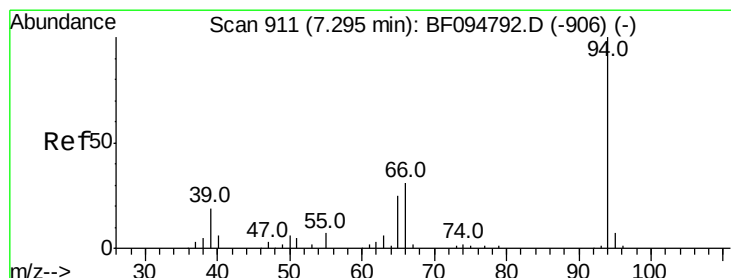
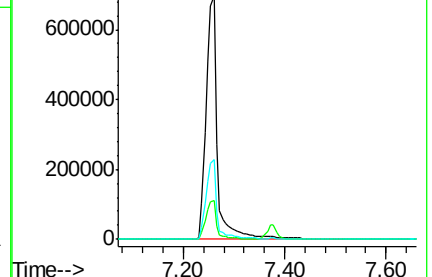
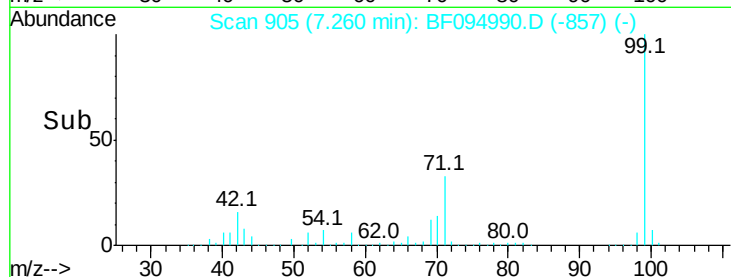
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.8	24.5	36.7



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: 3.22 ng

RT: 7.27 min Scan# 907

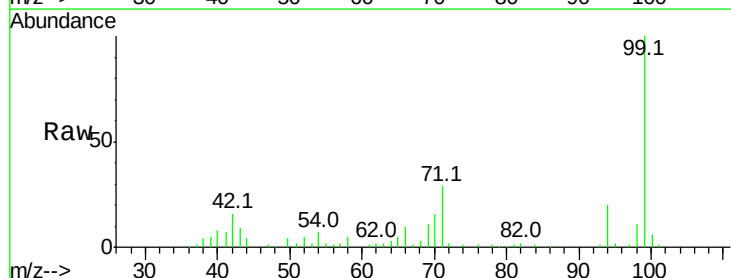
Delta R.T. -0.02 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

Tgt Ion: 94 Resp: 23354

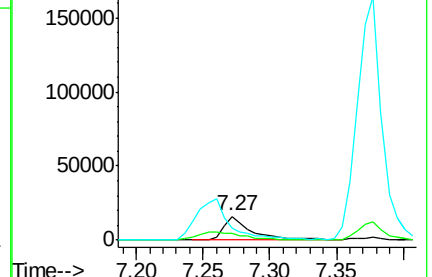
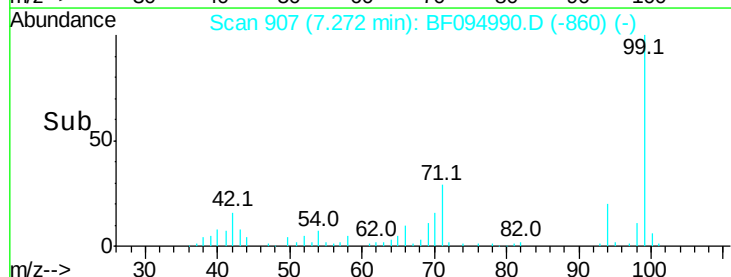
Ion	Ratio	Lower	Upper
94	100		
65	27.4	9.9	49.9
66	52.3	23.1	63.1

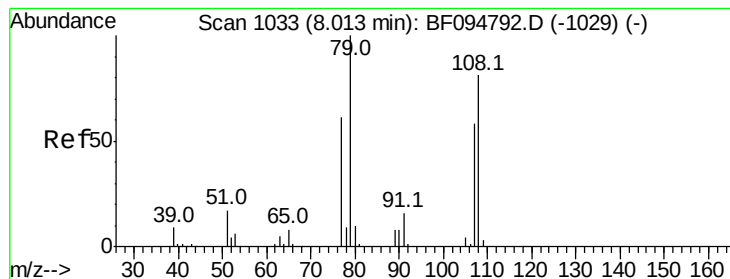


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 7.95 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

Instrument :

BNA_F

ClientSampled :

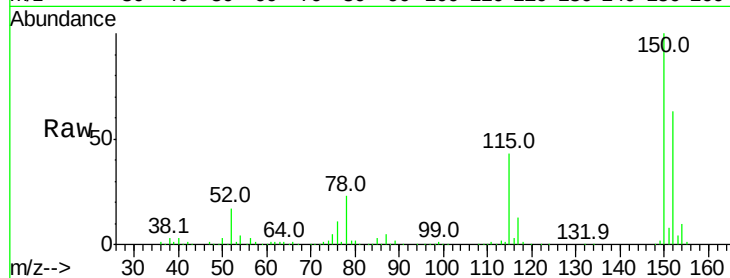
Tot Ion: 79 Resp: 9082

Ion Ratio Lower Upper

79 100

108 31.6 63.4 95.0#

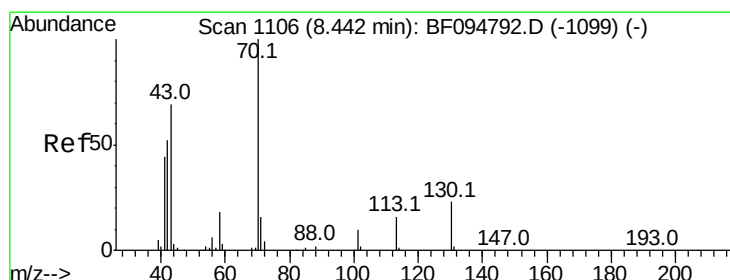
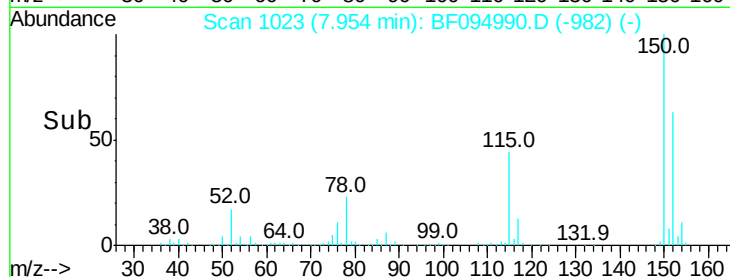
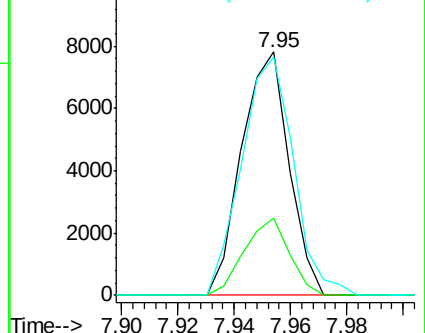
77 97.7 49.2 73.8#



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: 17.33 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.17 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

Tgt Ion: 70 Resp: 80618

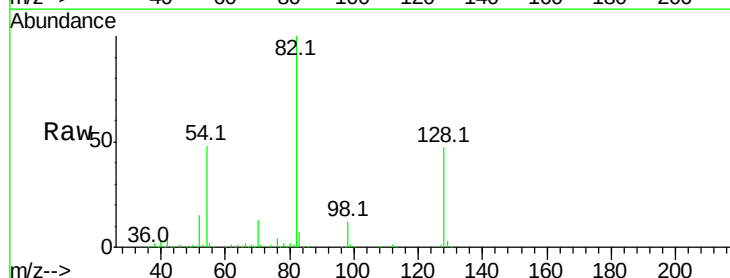
Ion Ratio Lower Upper

70 100

42 45.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

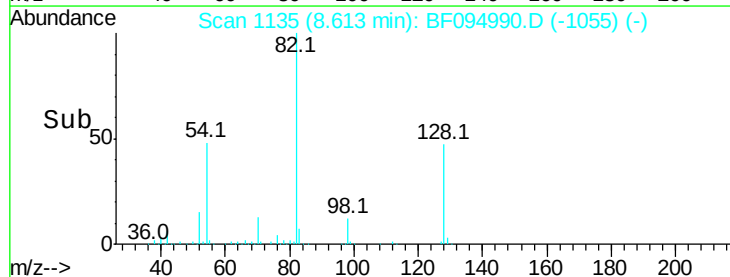
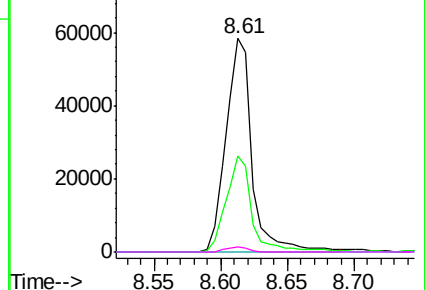


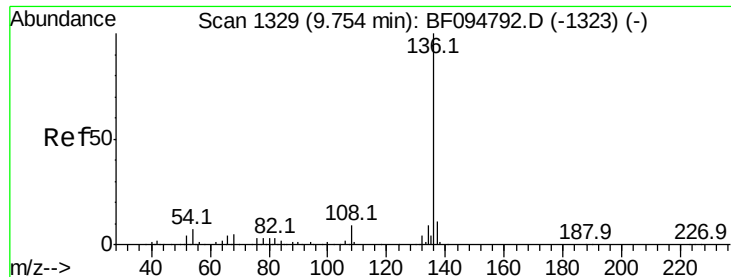
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

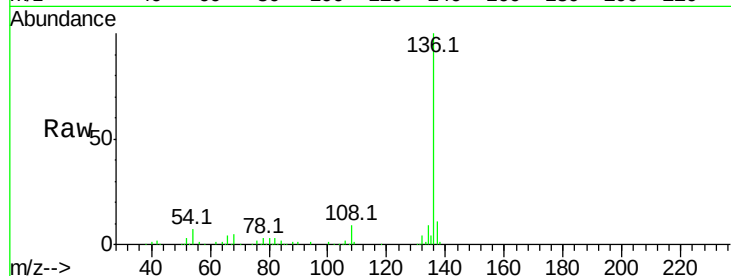




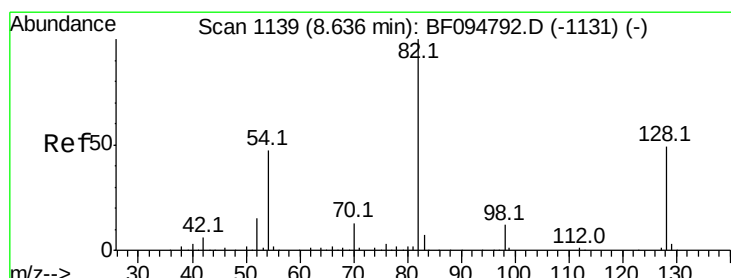
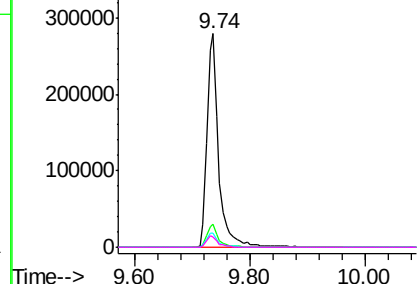
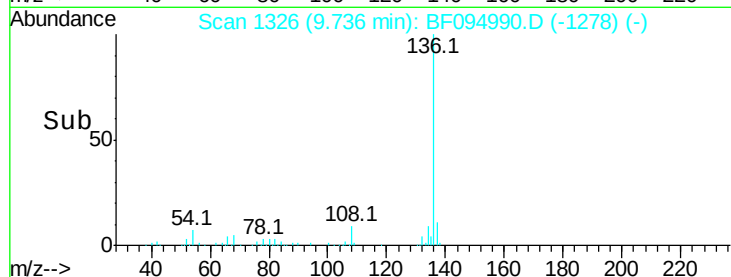
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF094990.D
Acq: 8 May 2017 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	397510
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.5 12.7
54	6.6	4.9 7.3
68	5.0	4.1 6.1

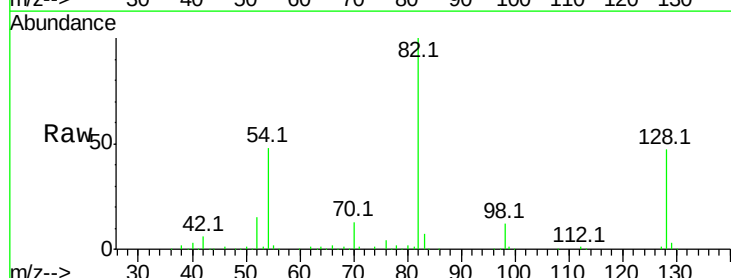


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

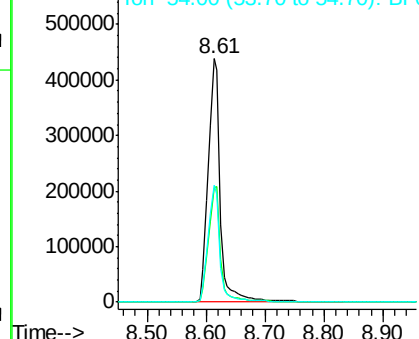
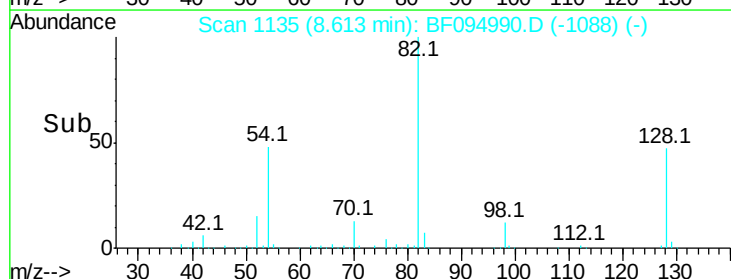


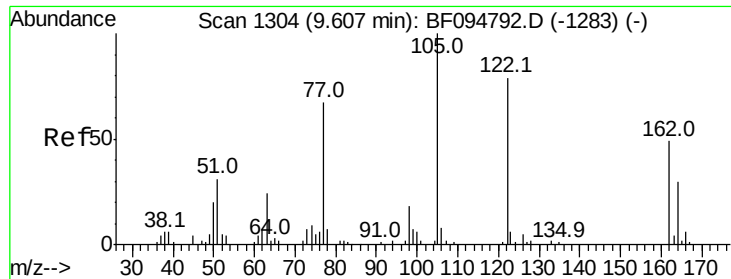
#23
Nitrobenzene-d5
Concen: 99.82 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF094990.D
Acq: 8 May 2017 20:37

Tgt Ion: 82	Resp:	629250
Ion	Ratio	Lower Upper
82	100	
128	46.9	34.0 51.0
54	47.8	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





#32

Benzoic acid

Concen: 5.19 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

Instrument :

BNA_F

ClientSampleId :

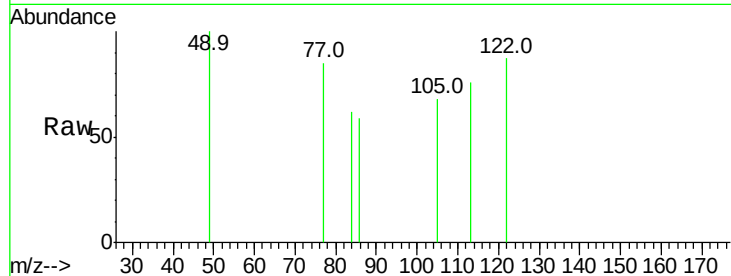
Tot Ion:122 Resp: 437

Ion Ratio Lower Upper

122 100

105 78.8 103.3 143.3#

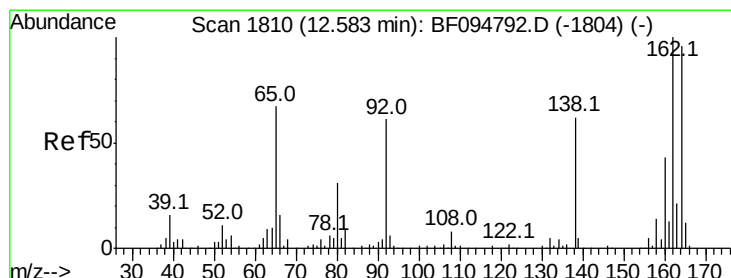
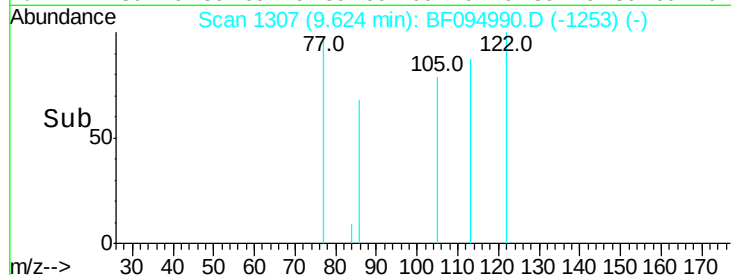
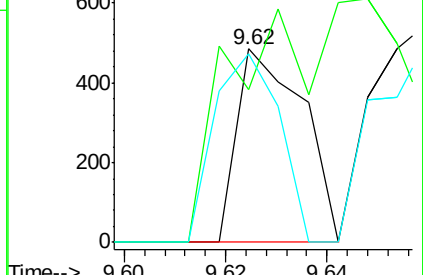
77 97.5 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

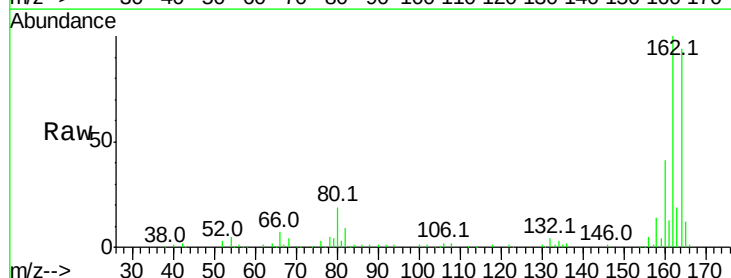
Tgt Ion:164 Resp: 181008

Ion Ratio Lower Upper

164 100

162 106.7 82.6 123.8

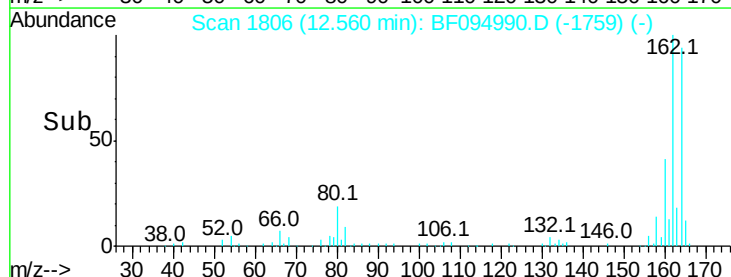
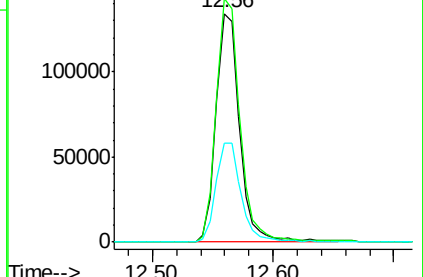
160 43.6 36.2 54.2

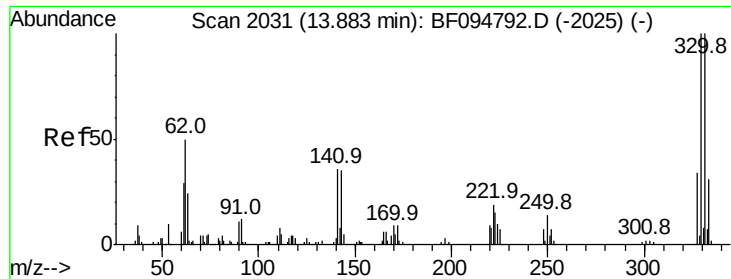


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

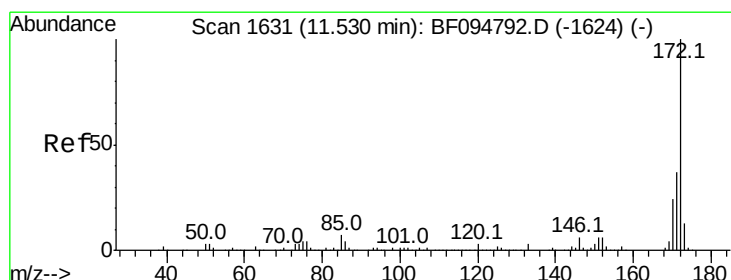
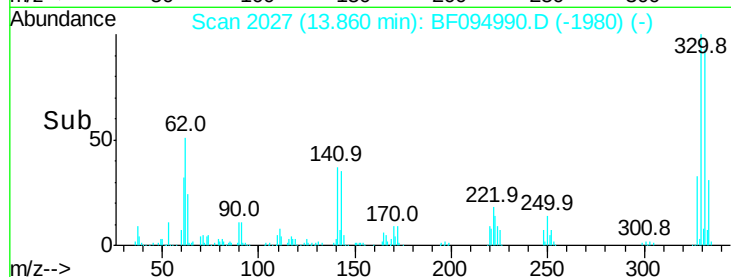
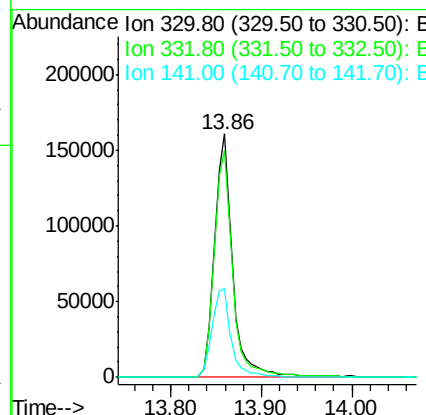
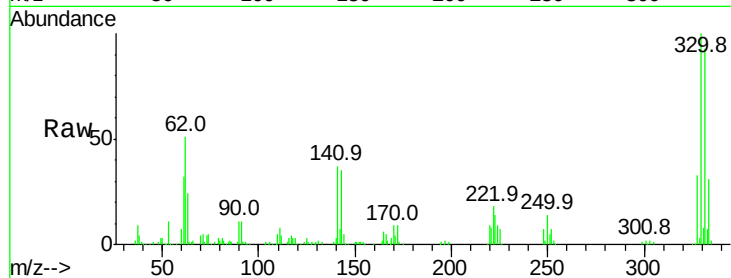




#41
 2,4,6-Tribromophenol
 Concen: 152.87 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF094990.D
 Acq: 8 May 2017 20:37

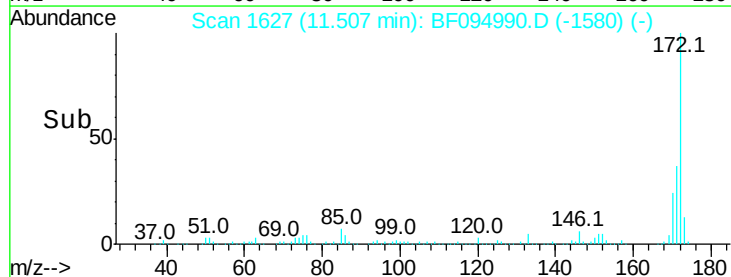
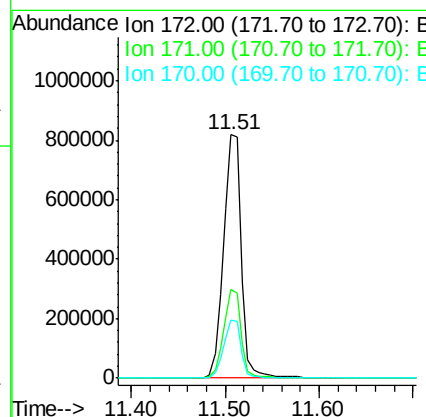
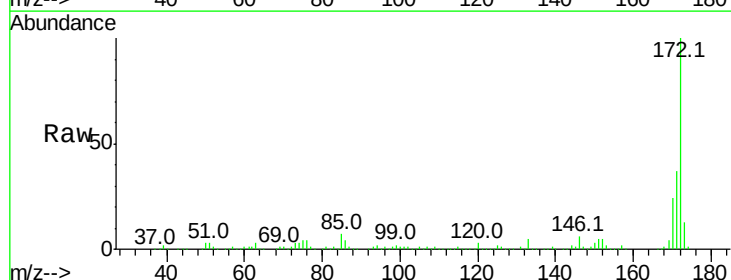
Instrument :
 BNA_F
 ClientSampled :

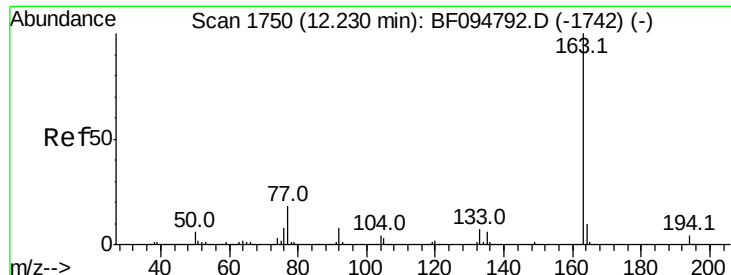
Tot Ion:330 Resp: 226616
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 38.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 86.20 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF094990.D
 Acq: 8 May 2017 20:37

Tgt Ion:172 Resp: 1083974
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.7 19.8 29.8





#49

Dimethylphthalate

Concen: 11.15 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

Instrument :

BNA_F

ClientSampleId :

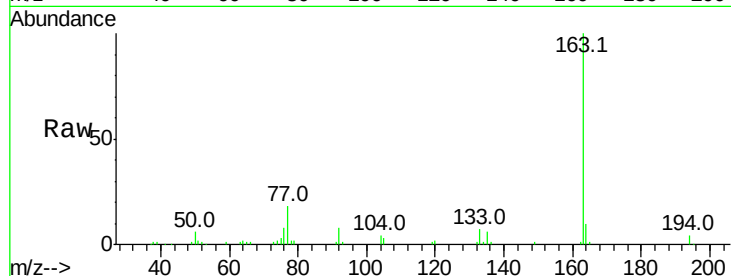
Tot Ion:163 Resp: 165647

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

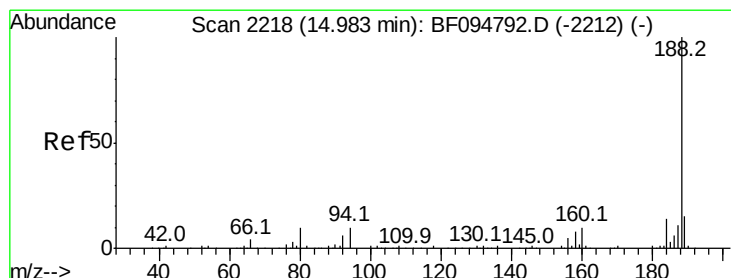
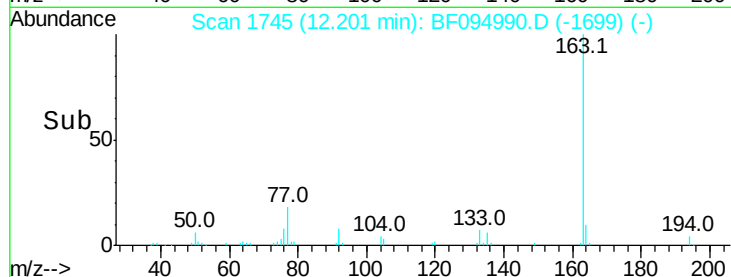
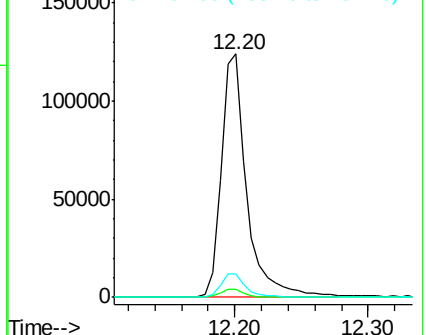
164 9.8 8.4 12.6



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# 2215

Delta R.T. -0.02 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

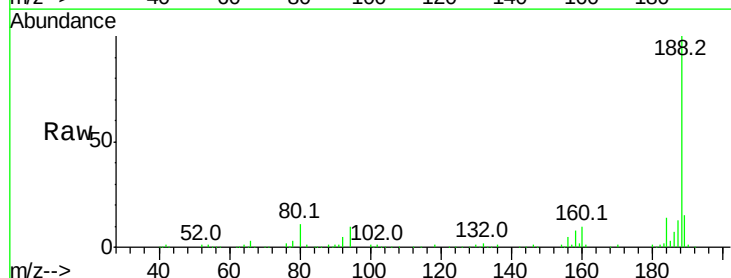
Tgt Ion:188 Resp: 318231

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

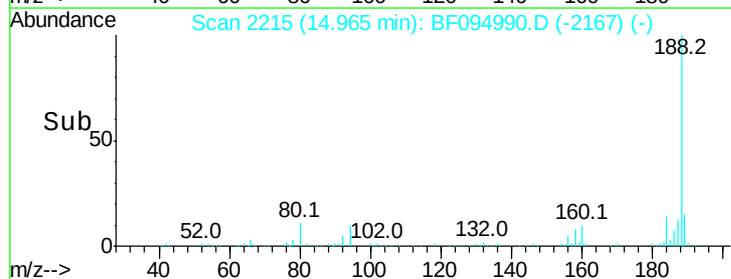
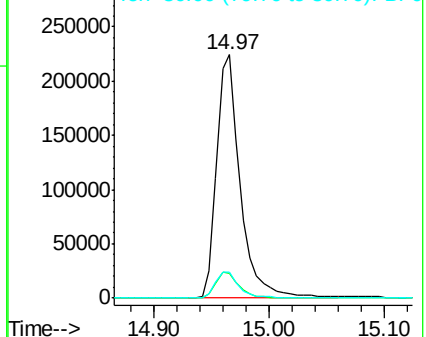
80 10.6 10.2 15.2

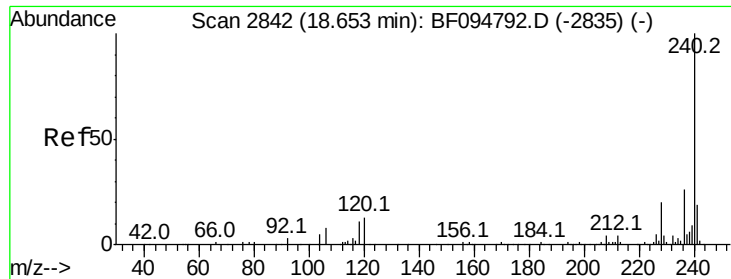


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF094990.D

Acq: 8 May 2017 20:37

Instrument :

BNA_F

ClientSampled :

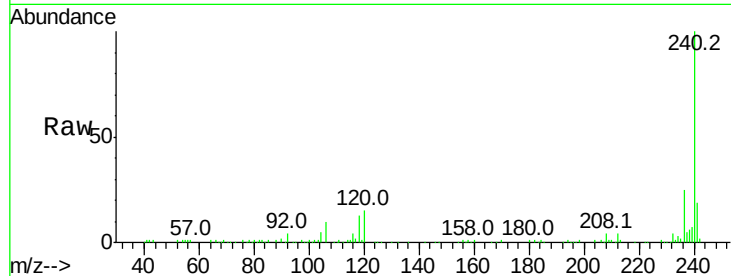
Tot Ion:240 Resp: 233882

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

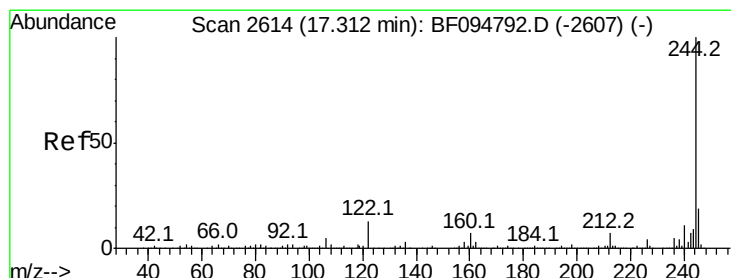
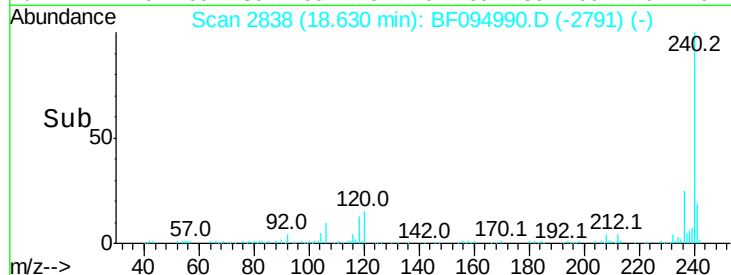
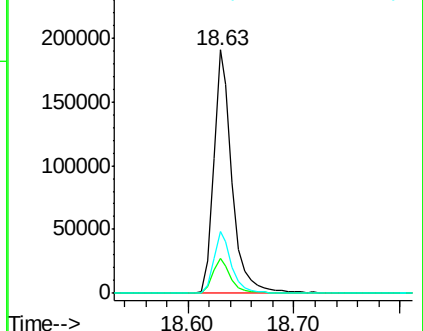
236 25.2 20.5 30.7



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: 79.65 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094990.D

Acq: 8 May 2017 20:37

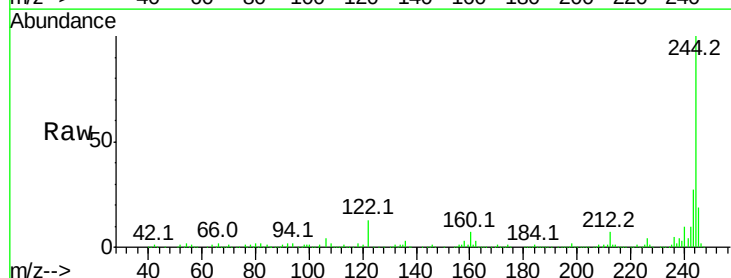
Tgt Ion:244 Resp: 845723

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

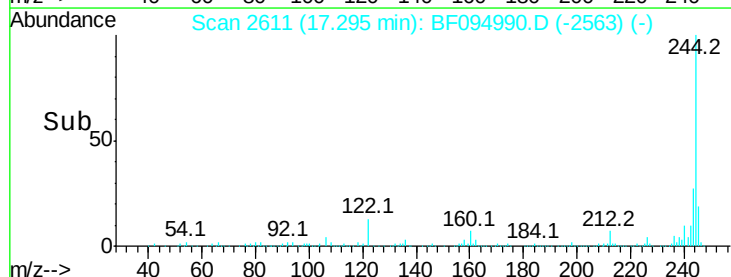
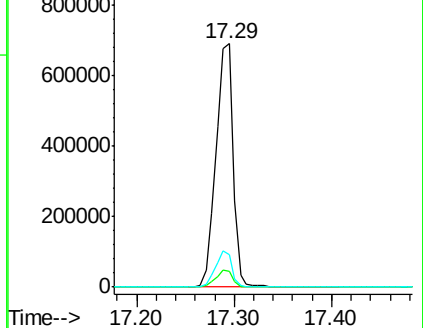
122 13.1 10.3 15.5

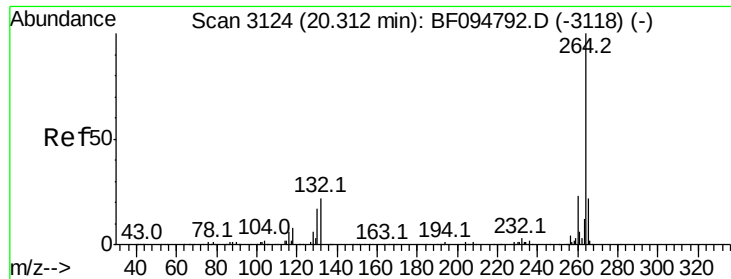


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094990.D
 Acq: 8 May 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.5	29.3
265	20.7	17.2	25.8

