

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097268.D
 Acq On : 2 Aug 2017 11:37
 Operator : SJ/JU
 Sample : I4527-07 2X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 13:25:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

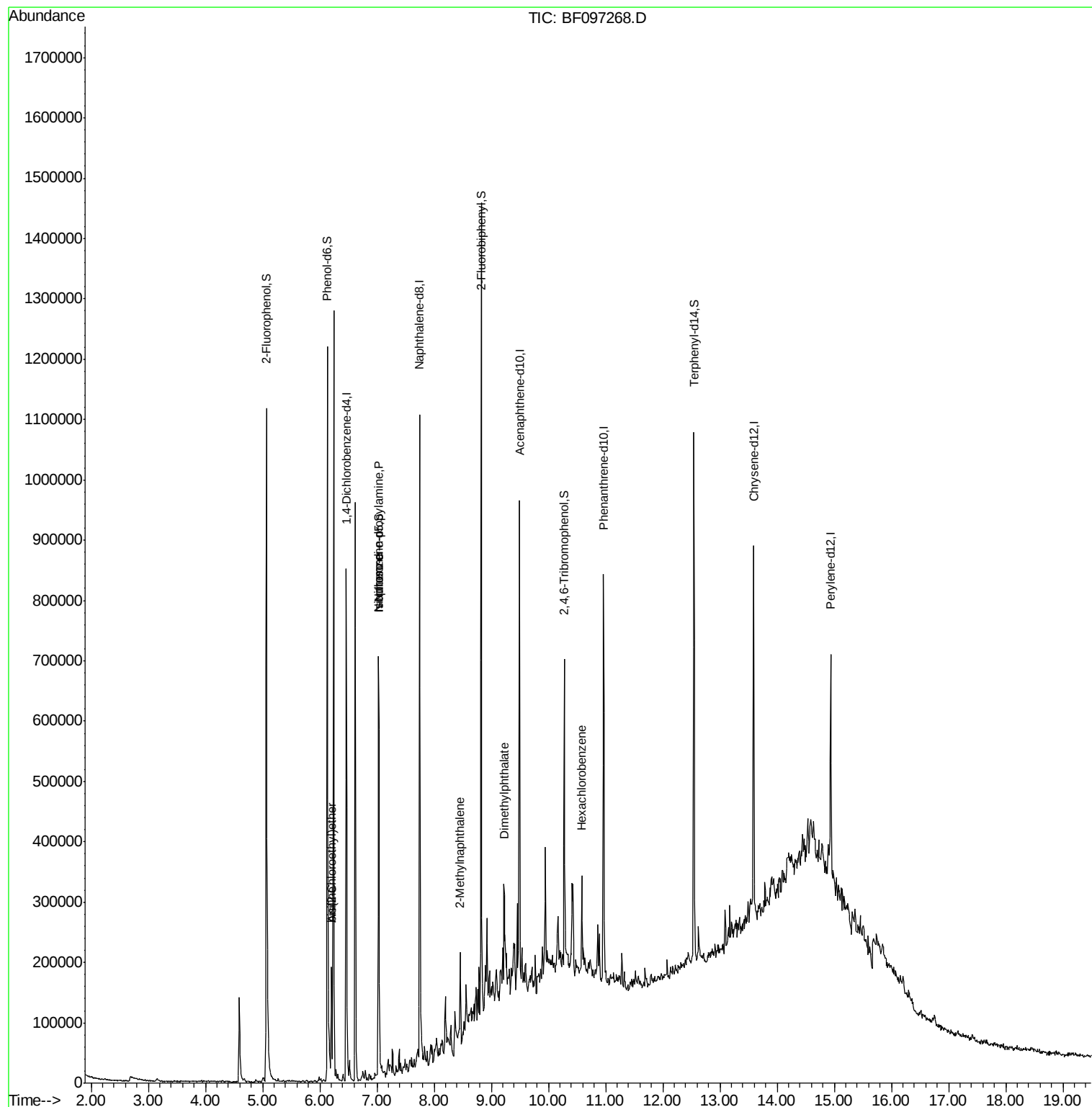
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	116720	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	428102	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	151297	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	226164	20.00	ng	0.00
75) Chrysene-d12	13.59	240	226927	20.00	ng	0.00
86) Perylene-d12	14.94	264	150175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	386860	49.96	ng	0.00
7) Phenol-d6	6.13	99	461721	52.24	ng	-0.02
23) Nitrobenzene-d5	7.03	82	214883	29.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	51895	43.41	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	379161	42.53	ng	-0.01
78) Terphenyl-d14	12.54	244	251610	22.61	ng	0.00
Target Compounds						
6) Aniline	6.20	93	51026	4.587	ng	# 53
11) bis(2-Chloroethyl)ether	6.20	93	51026	6.153	ng	92
19) n-Nitroso-di-n-propylamine	7.03	70	29748	5.113	ng	# 84
25) Isophorone	7.03	82	214881	15.036	ng	# 67
37) 2-Methylnaphthalene	8.46	142	36055	2.822	ng	100
49) Dimethylphthalate	9.22	163	71216	6.198	ng	99
67) Hexachlorobenzene	10.59	284	18797	7.427	ng	# 81

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097268.D
Acq On : 2 Aug 2017 11:37
Operator : SJ/JU
Sample : I4527-07 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 02 13:25:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 11:39:11 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

Instrument :

BNA_F

ClientSampleId :

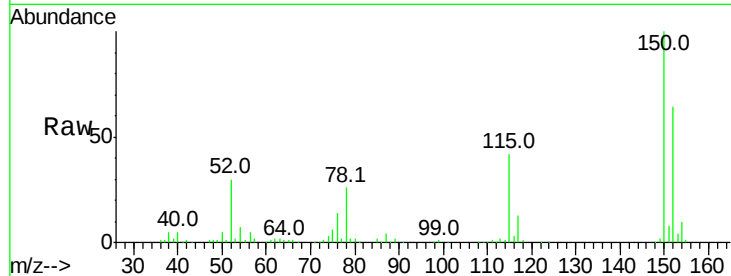
Tot Ion:152 Resp: 116720

Ion Ratio Lower Upper

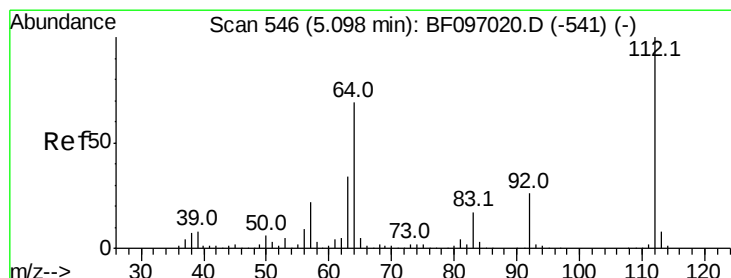
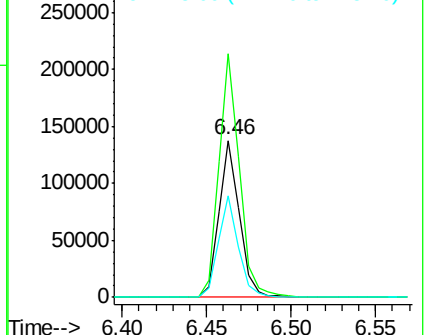
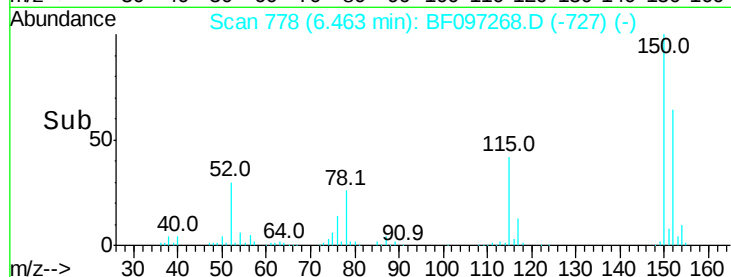
152 100

150 155.4 126.2 189.2

115 64.6 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: 49.965 ng

RT: 5.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

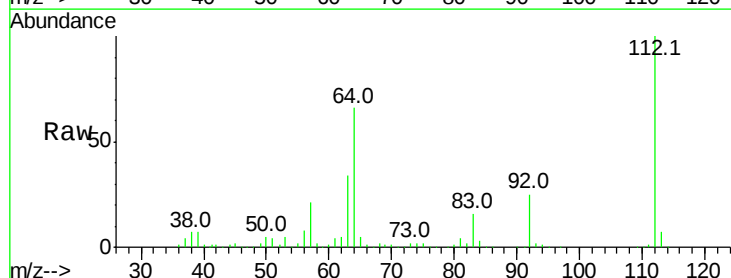
Tgt Ion:112 Resp: 386860

Ion Ratio Lower Upper

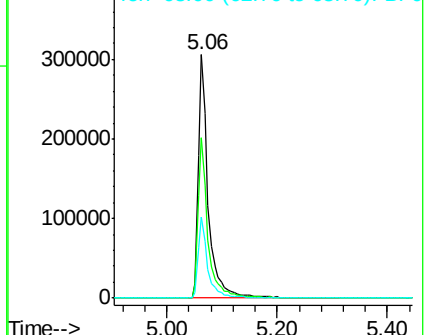
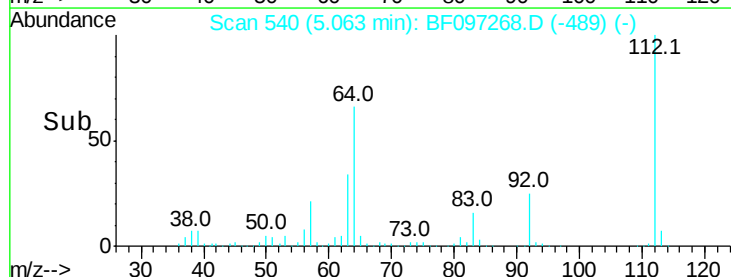
112 100

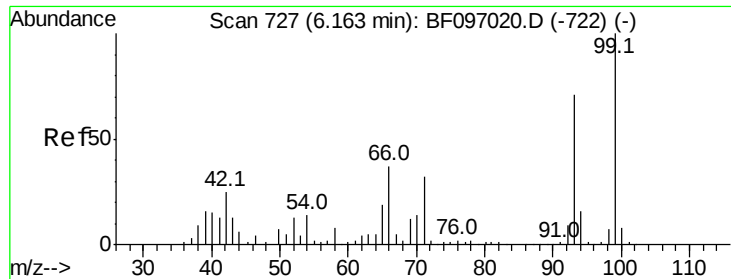
64 65.8 46.0 69.0

63 33.5 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





#6

Aniline

Concen: 4.587 ng

RT: 6.20 min Scan# 734

Delta R.T. 0.07 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

Instrument :

BNA_F

ClientSampleId :

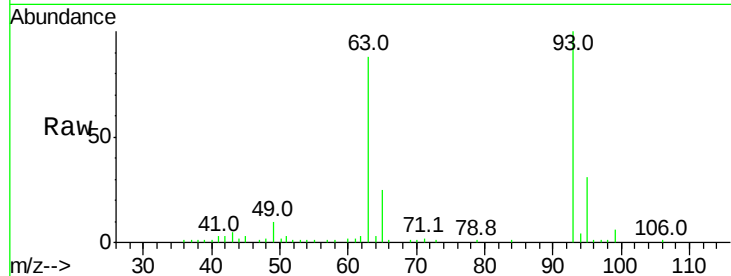
Tot Ion: 93 Resp: 51026

Ion Ratio Lower Upper

93 100

66 1.2 32.9 49.3#

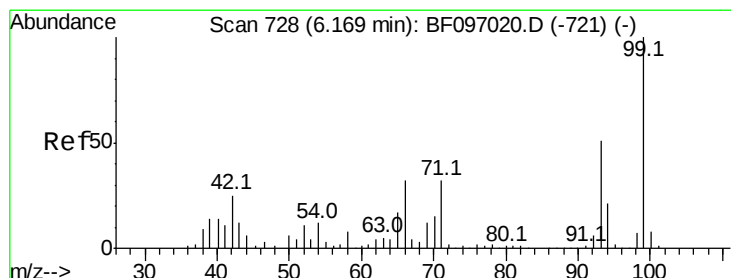
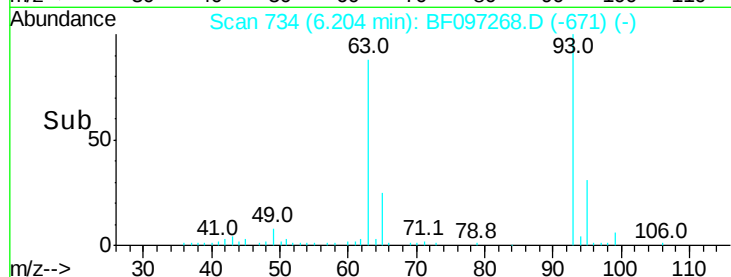
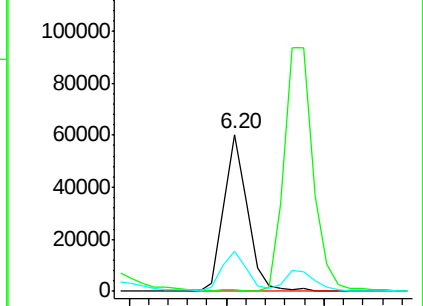
65 25.2 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 52.236 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

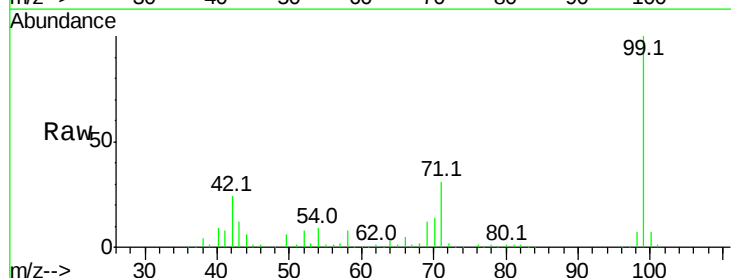
Tgt Ion: 99 Resp: 461721

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

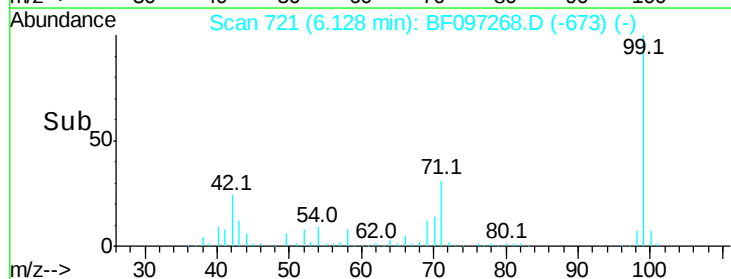
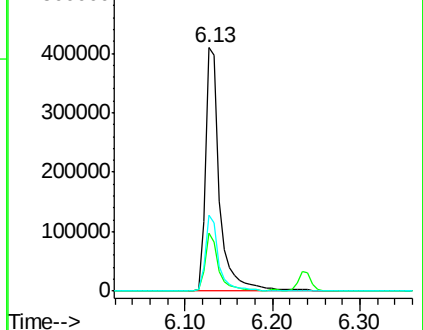
71 31.2 24.5 36.7

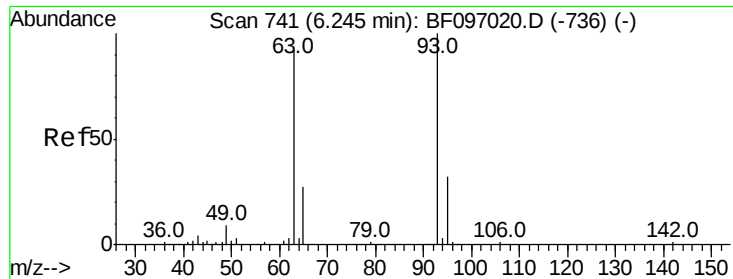


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

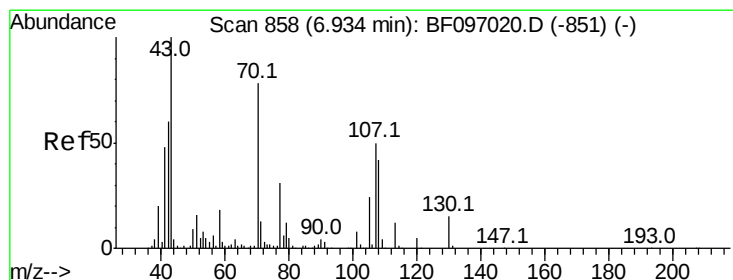
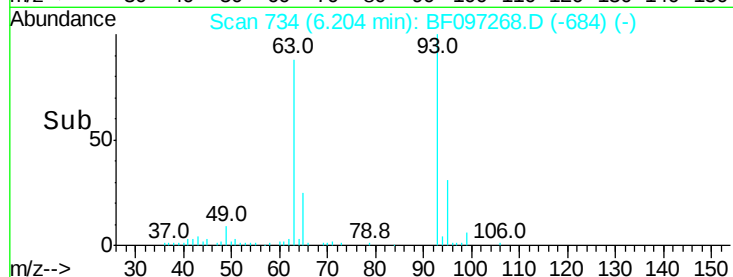
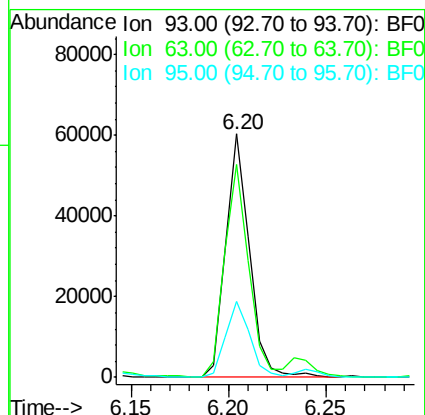
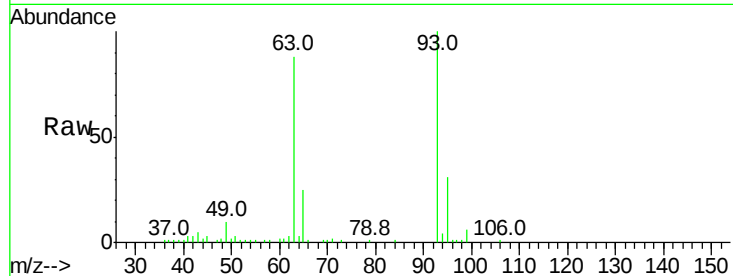




#11
 bis(2-Chloroethyl)ether
 Concen: 6.153 ng
 RT: 6.20 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF097268.D
 Acq: 2 Aug 2017 11:37

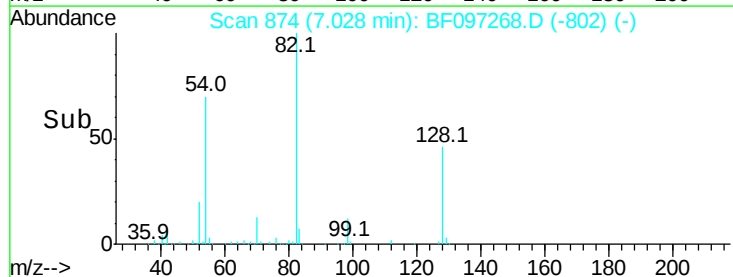
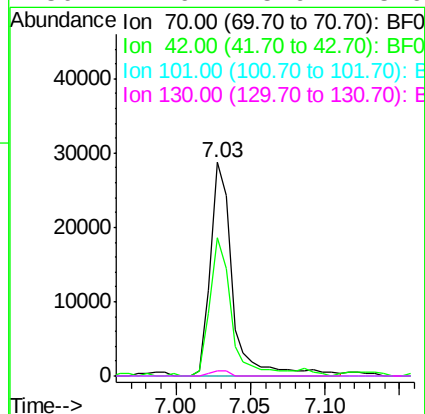
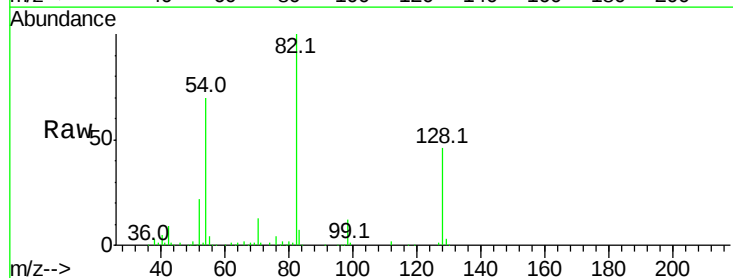
Instrument :
 BNA_F
 ClientSampleId :

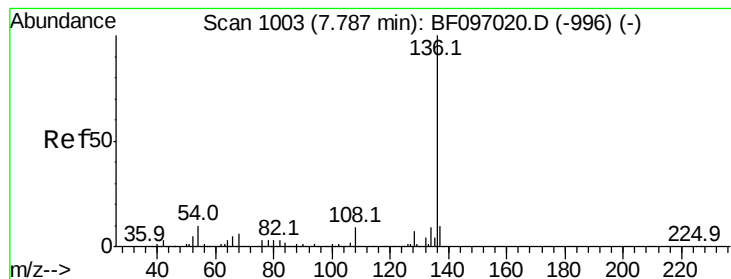
Tot Ion: 93 Resp: 51026
 Ion Ratio Lower Upper
 93 100
 63 87.5 59.2 99.2
 95 31.1 12.8 52.8



#19
 n-Nitroso-di-n-propylamine
 Concen: 5.113 ng
 RT: 7.03 min Scan# 874
 Delta R.T. 0.12 min
 Lab File: BF097268.D
 Acq: 2 Aug 2017 11:37

Tgt Ion: 70 Resp: 29748
 Ion Ratio Lower Upper
 70 100
 42 64.7 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.6 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF097268.D

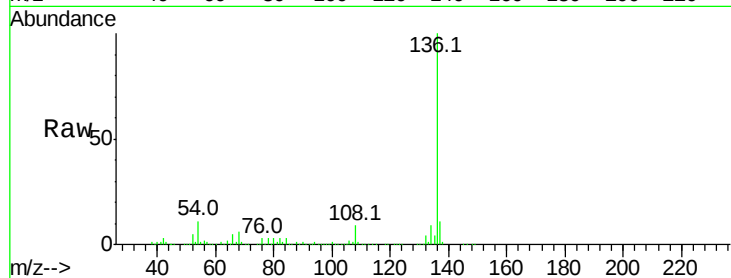
Acq: 2 Aug 2017 11:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	428102
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.8	4.9	7.3#
68	5.9	4.1	6.1

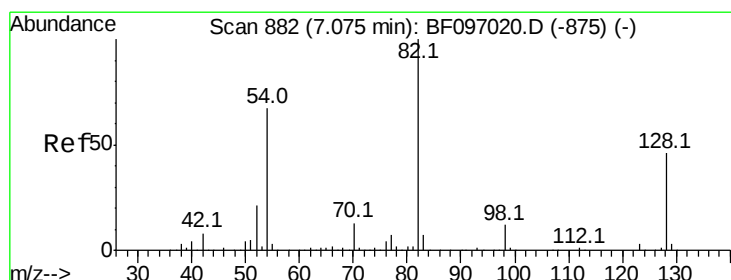
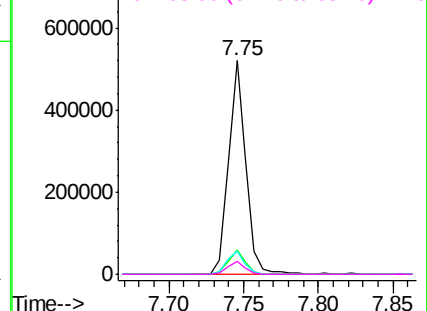
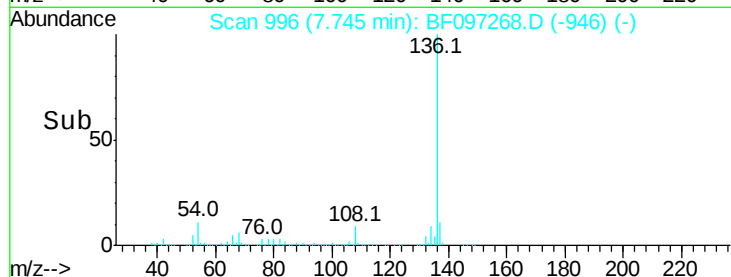


Abundance Ion 136.00 (135.70 to 136.70): E

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: 29.446 ng

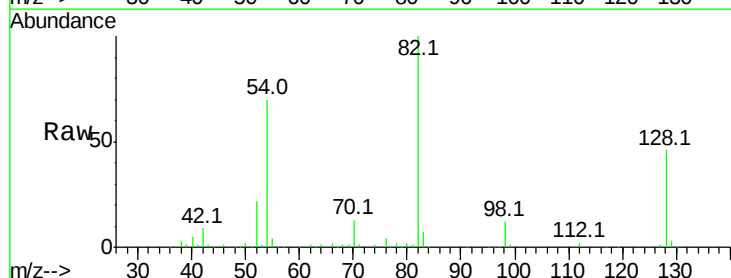
RT: 7.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

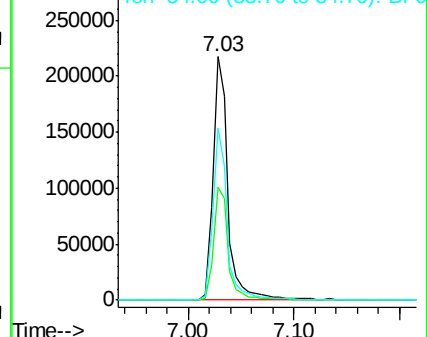
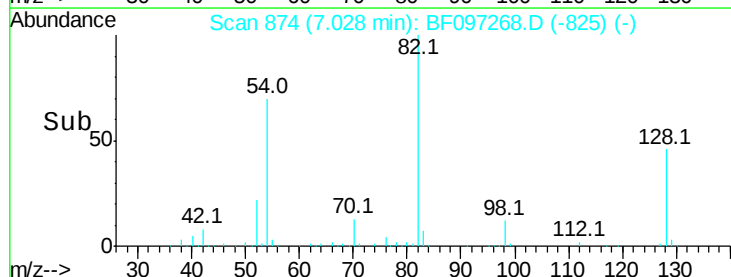
Tgt Ion:	82	Resp:	214883
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	70.4	42.2	63.2#

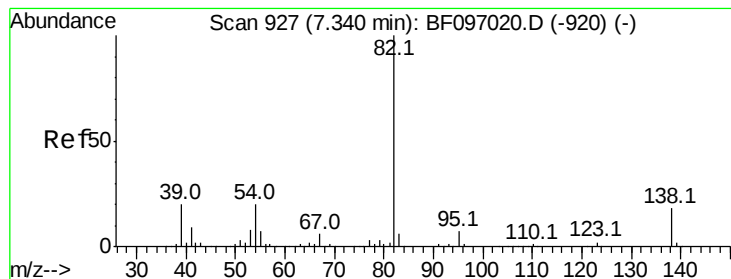


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 15.036 ng

RT: 7.03 min Scan# 874

Delta R.T. -0.28 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

Instrument :

BNA_F

ClientSampled :

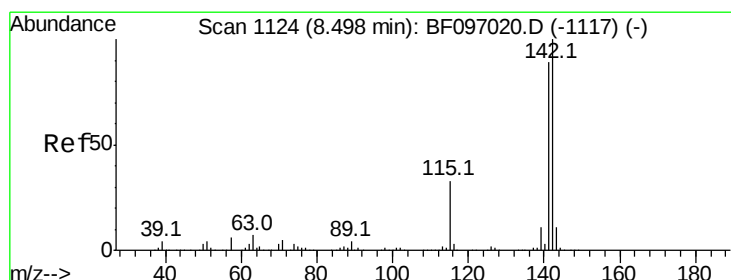
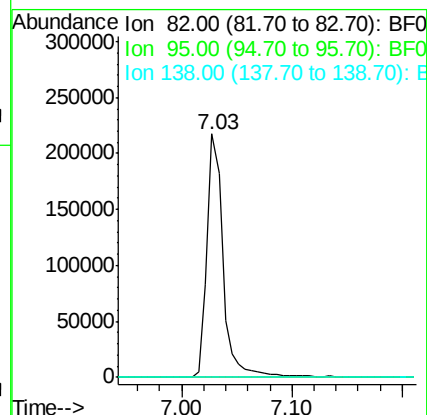
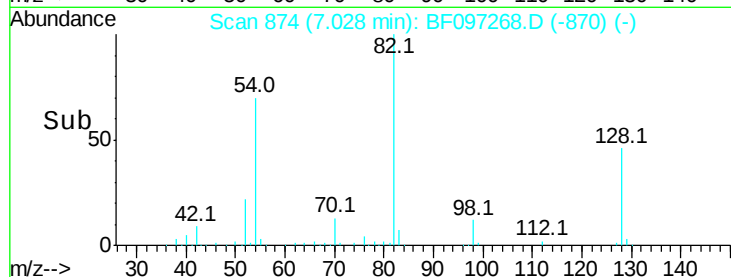
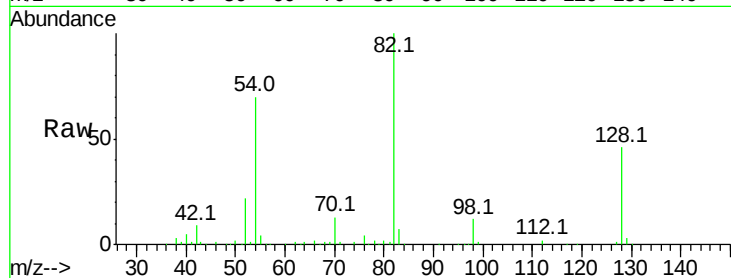
Tot Ion: 82 Resp: 214881

Ion Ratio Lower Upper

82 100

95 0.2 5.3 7.9#

138 0.0 13.1 19.7#



#37

2-Methylnaphthalene

Concen: 2.822 ng

RT: 8.46 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

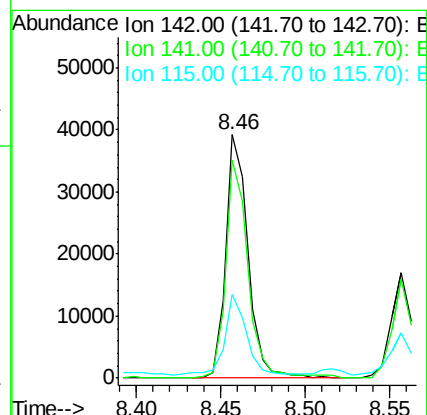
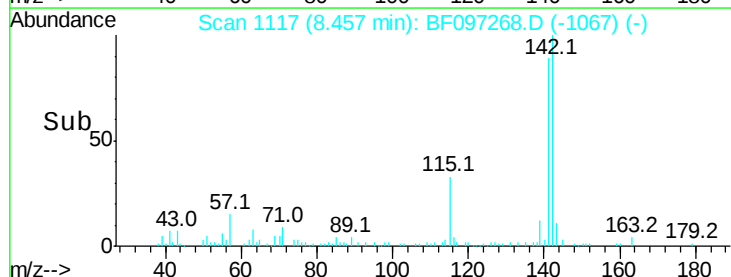
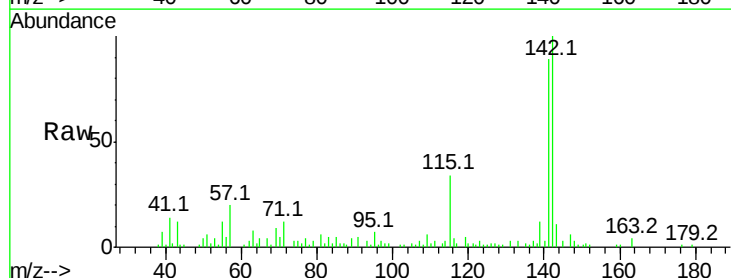
Tgt Ion:142 Resp: 36055

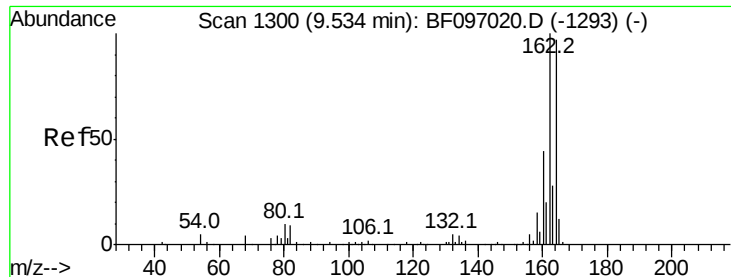
Ion Ratio Lower Upper

142 100

141 89.3 71.3 106.9

115 34.2 27.1 40.7

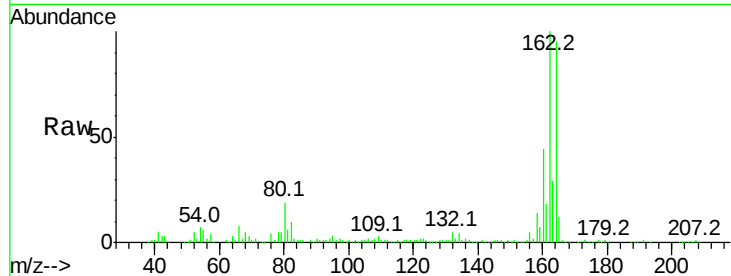




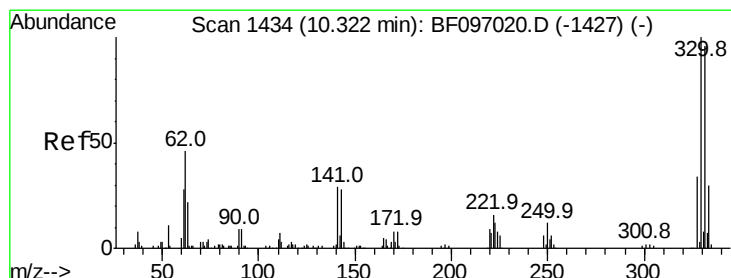
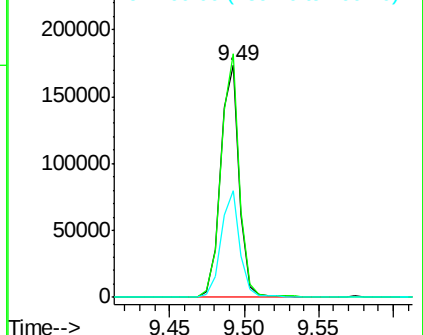
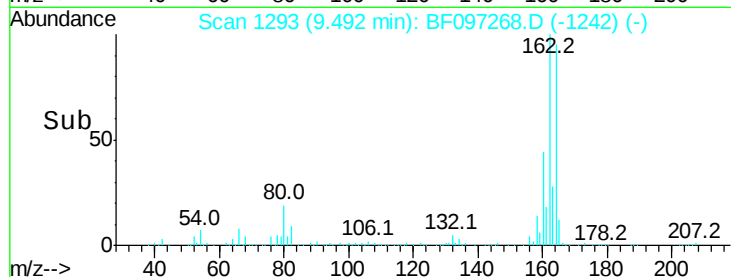
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF097268.D
 Acq: 2 Aug 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 151297
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 46.2 36.2 54.2

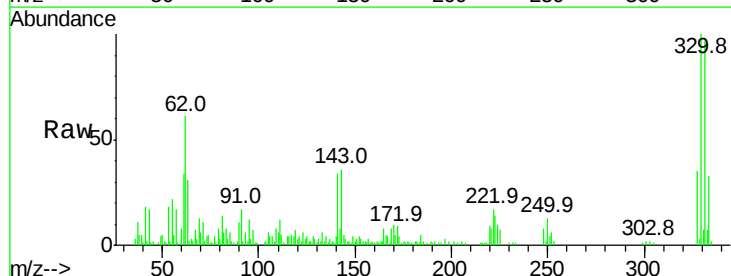


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

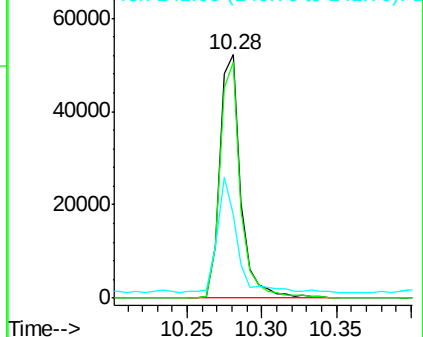
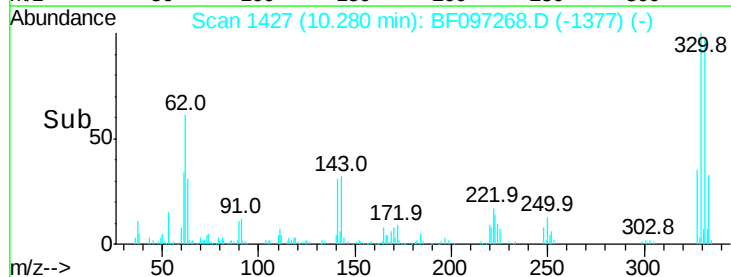


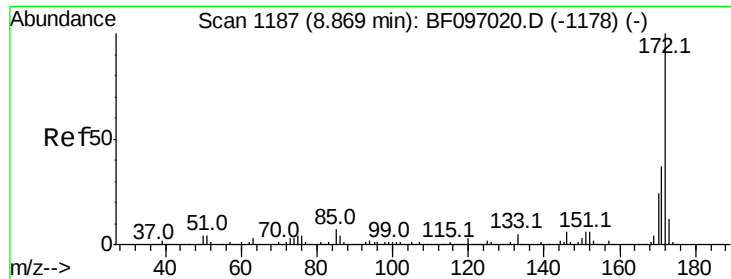
#41
 2,4,6-Tribromophenol
 Concen: 43.413 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097268.D
 Acq: 2 Aug 2017 11:37

Tgt Ion:330 Resp: 51895
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 43.2 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

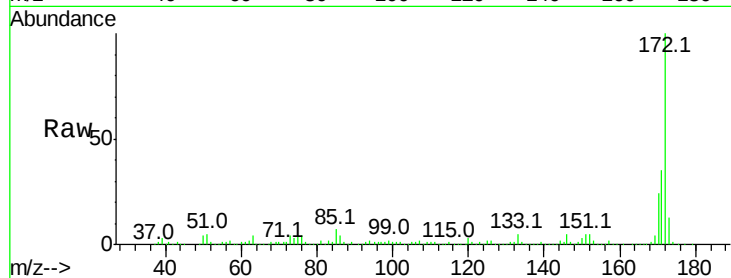




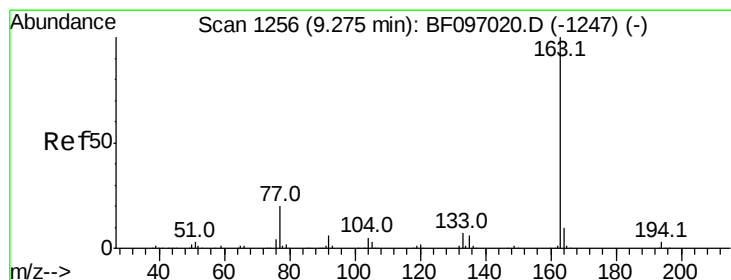
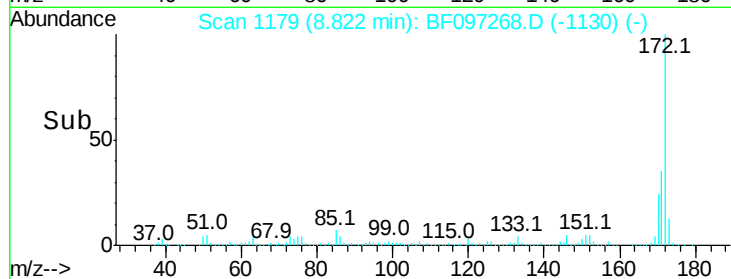
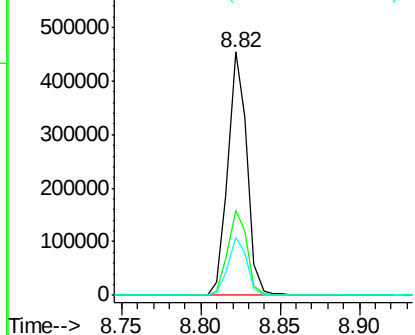
#44
2-Fluorobiphenyl
Concen: 42.530 ng
RT: 8.82 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.7	19.8	29.8

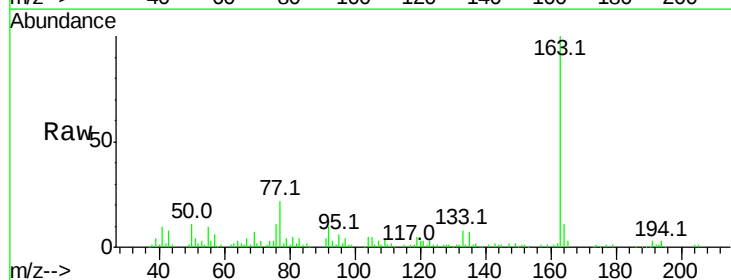


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

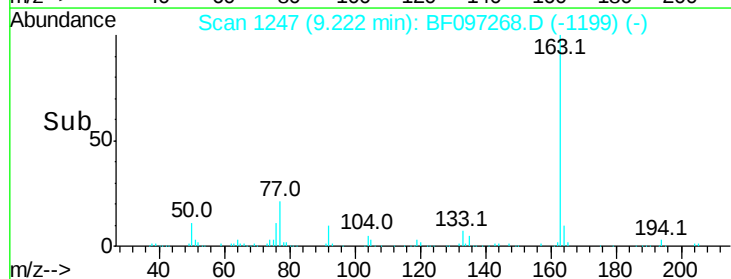
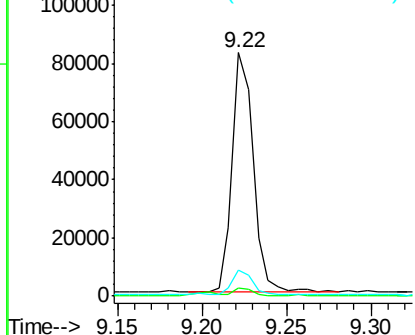


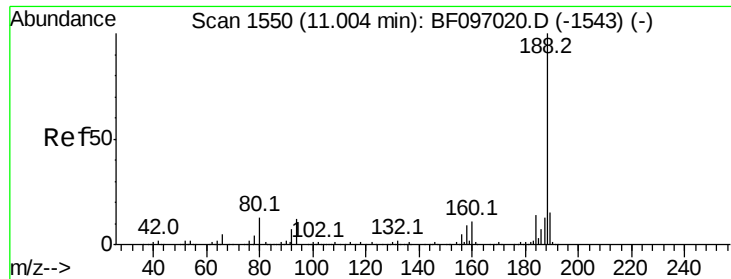
#49
Dimethylphthalate
Concen: 6.198 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.9	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

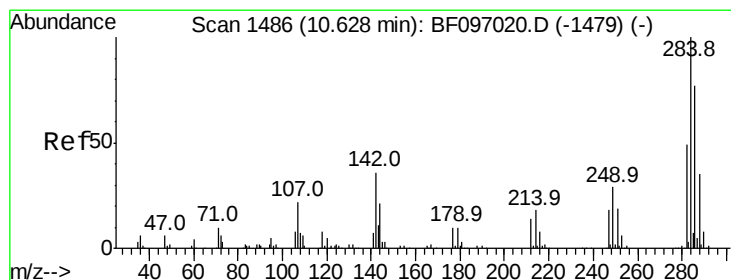
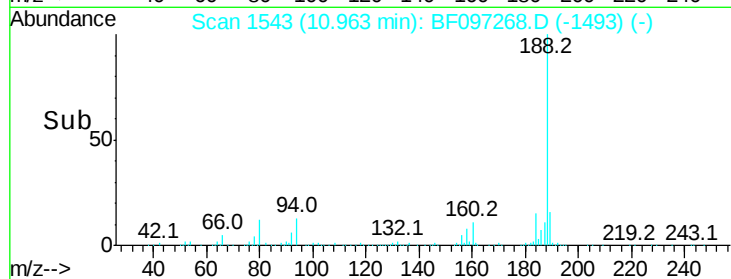
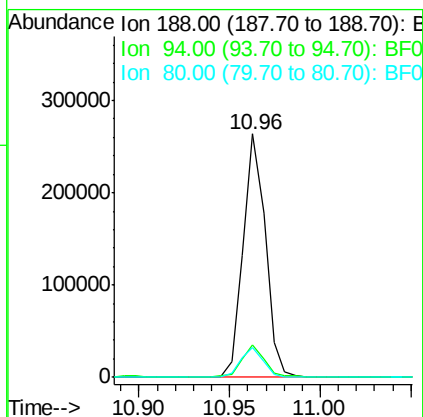
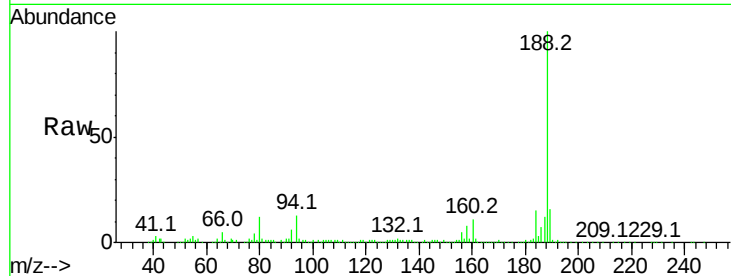




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

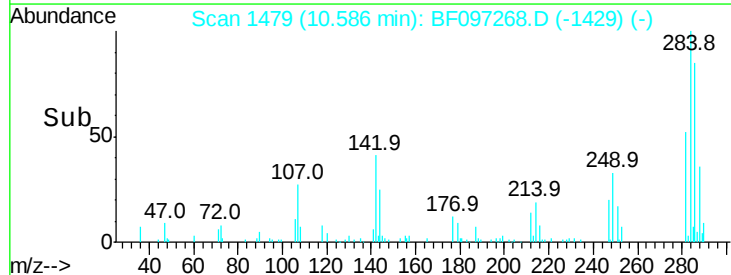
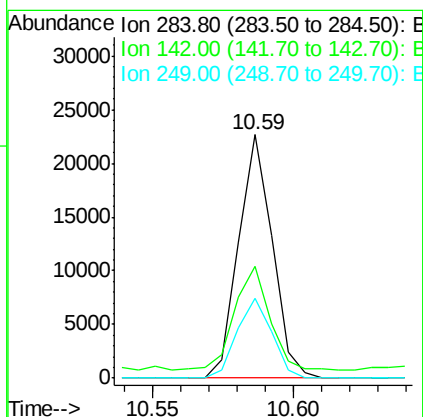
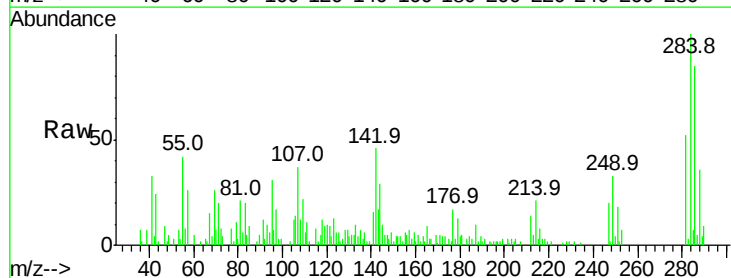
Instrument :
BNA_F
ClientSampleId :

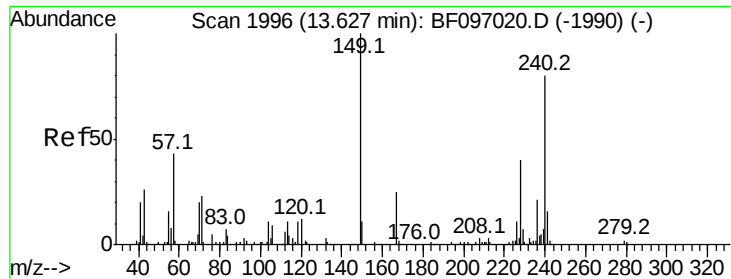
Tot Ion:188 Resp: 226164
Ion Ratio Lower Upper
188 100
94 13.3 9.4 14.2
80 12.4 10.2 15.2



#67
Hexachlorobenzene
Concen: 7.427 ng
RT: 10.59 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Tgt Ion:284 Resp: 18797
Ion Ratio Lower Upper
284 100
142 46.0 22.8 34.2#
249 32.8 24.0 36.0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.59 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

Instrument :

BNA_F

ClientSampleId :

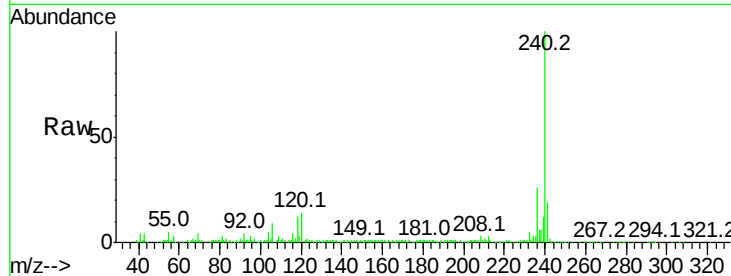
Tot Ion:240 Resp: 226927

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

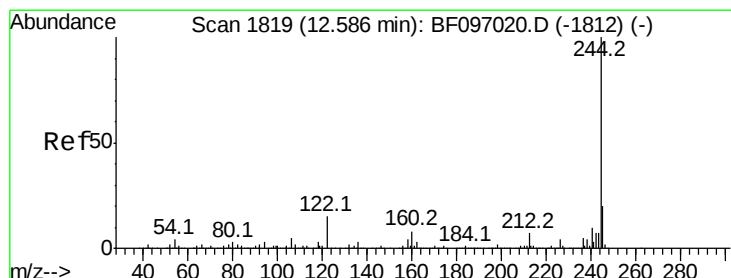
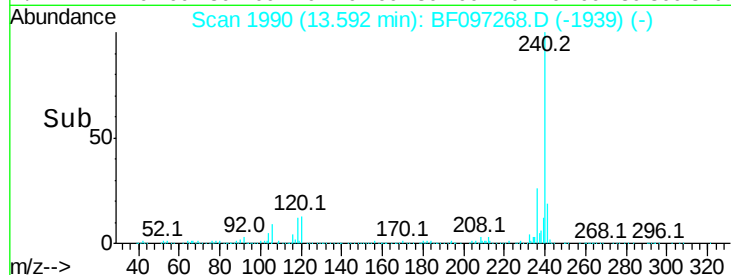
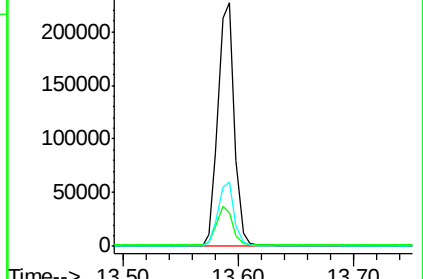
236 26.3 20.5 30.7



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: 22.606 ng

RT: 12.54 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

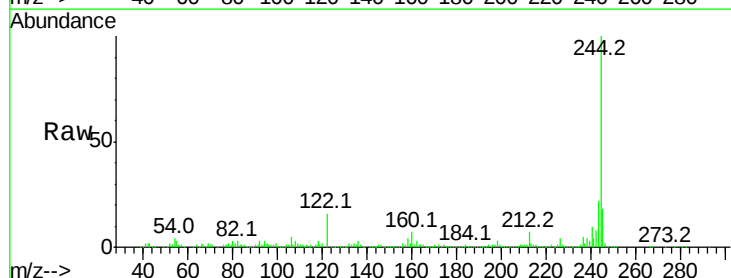
Tgt Ion:244 Resp: 251610

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

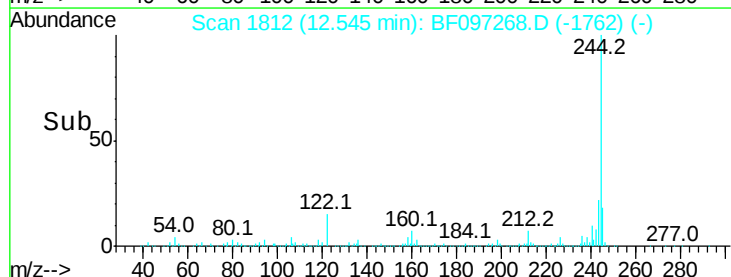
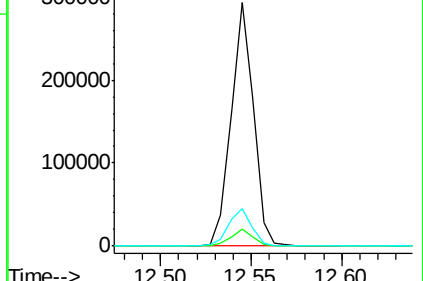
122 15.6 10.3 15.5#

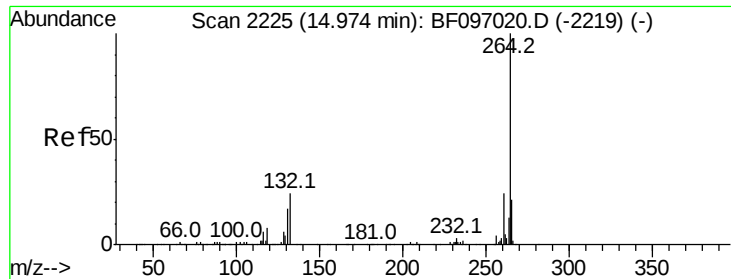


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

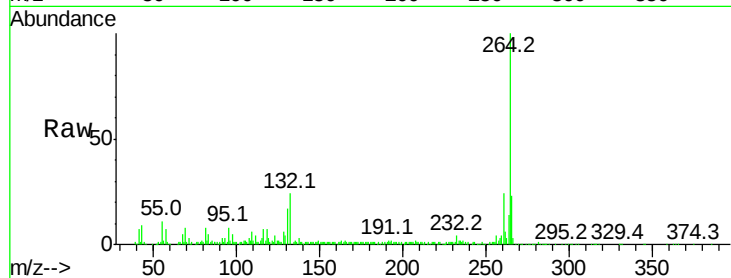




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.94 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.6	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

