

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097651.D
 Acq On : 13 Aug 2017 00:13
 Operator : SJ/JU
 Sample : I4694-04 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-14(0-10)COMP

Quant Time: Aug 14 05:24:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

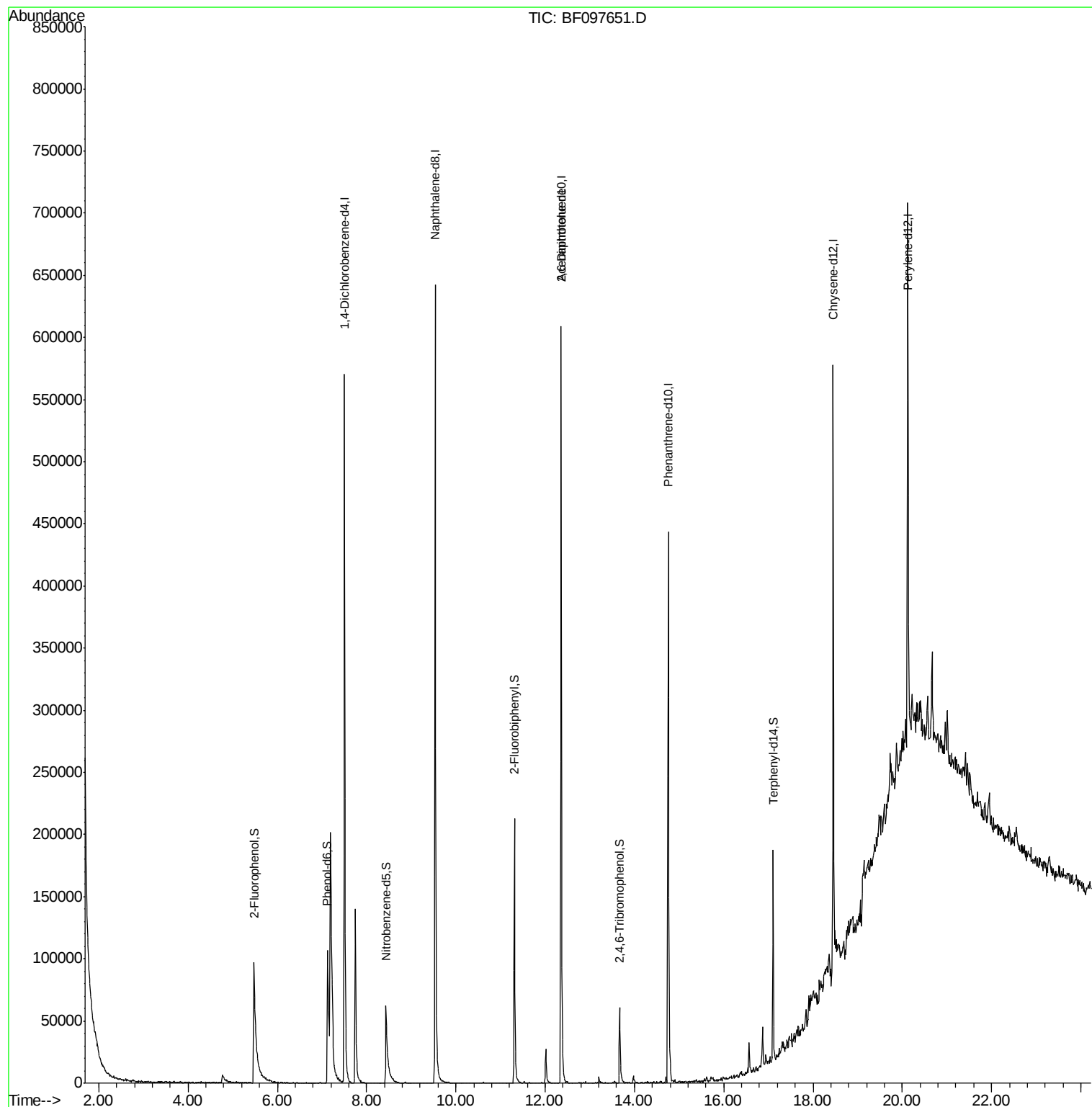
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	125271	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	459432	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	181524	20.00	ng	-0.01
63) Phenanthrene-d10	14.76	188	255183	20.00	ng	0.00
75) Chrysene-d12	18.45	240	197724	20.00	ng	-0.01
86) Perylene-d12	20.12	264	190803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	103018	13.07	ng	0.07
7) Phenol-d6	7.12	99	136255	13.94	ng	0.06
23) Nitrobenzene-d5	8.43	82	60004	8.19	ng	0.01
41) 2,4,6-Tribromophenol	13.67	330	13681	9.91	ng	0.00
44) 2-Fluorobiphenyl	11.31	172	116182	9.66	ng	-0.01
78) Terphenyl-d14	17.10	244	60088	6.29	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	12.36	165	21660	7.50	ng	Qvalue # 33

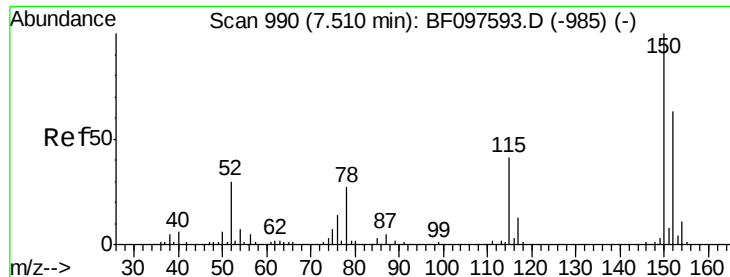
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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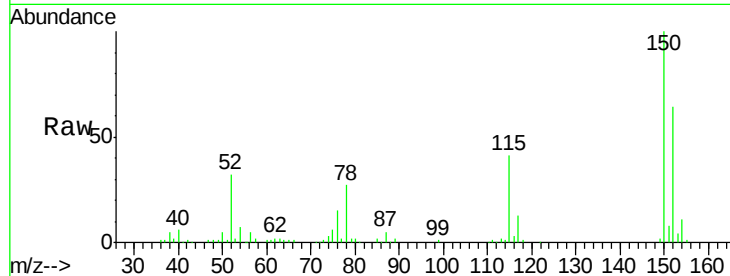


#1

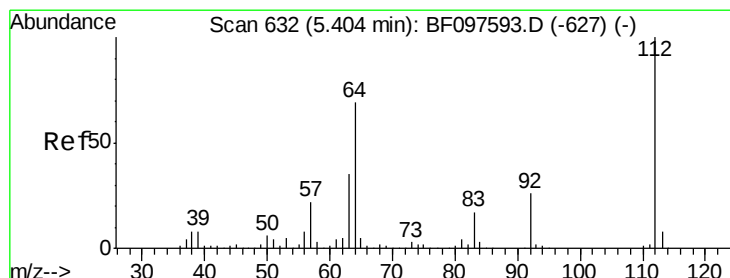
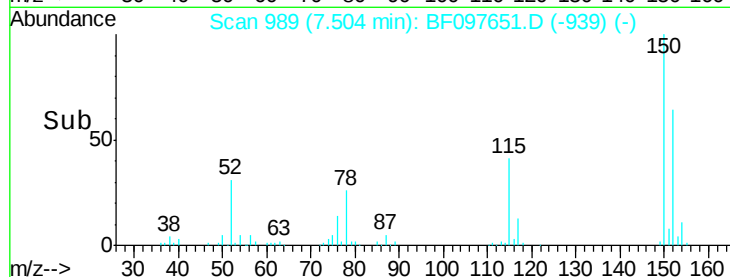
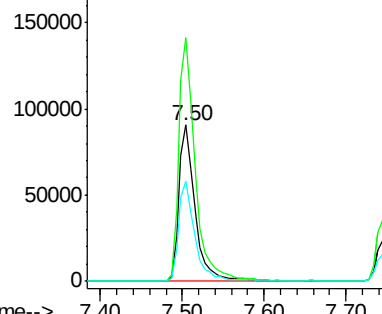
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF097651.D
Acq: 13 Aug 2017 00:13

Instrument :
BNA_F
ClientSampleId :
B-14(0-10)COMP

Tot Ion:152 Resp: 125271
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 64.0 52.2 78.2



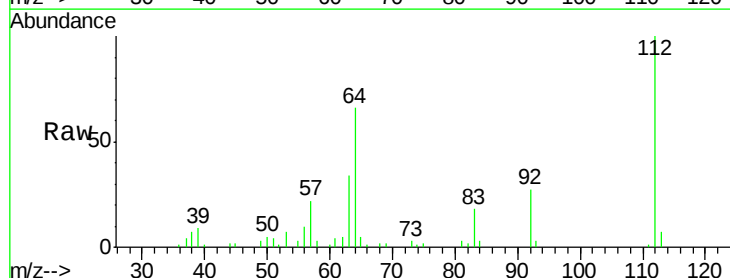
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



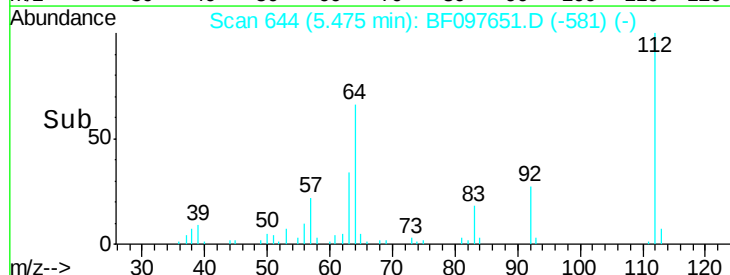
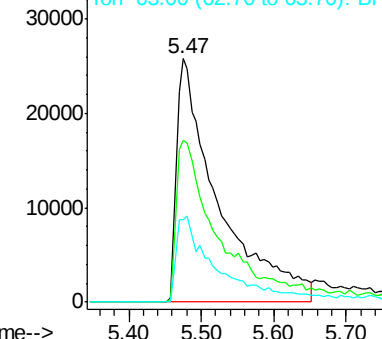
#5

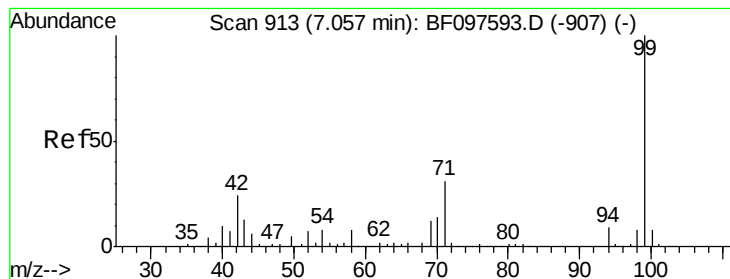
2-Fluorophenol
Concen: 13.07 ng
RT: 5.47 min Scan# 644
Delta R.T. 0.07 min
Lab File: BF097651.D
Acq: 13 Aug 2017 00:13

Tgt Ion:112 Resp: 103018
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 33.7 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: 13.94 ng

RT: 7.12 min Scan# 924

Delta R.T. 0.06 min

Lab File: BF097651.D

Acq: 13 Aug 2017 00:13

Instrument :

BNA_F

ClientSampleId :

B-14(0-10)COMP

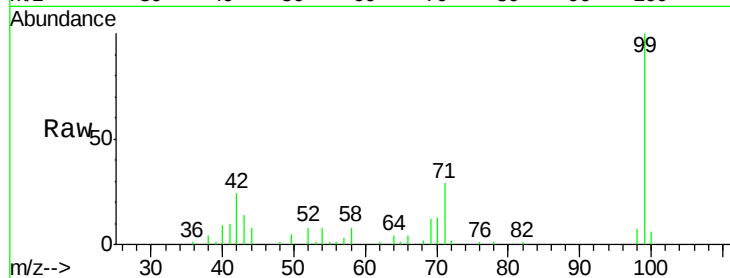
Tot Ion: 99 Resp: 136255

Ion Ratio Lower Upper

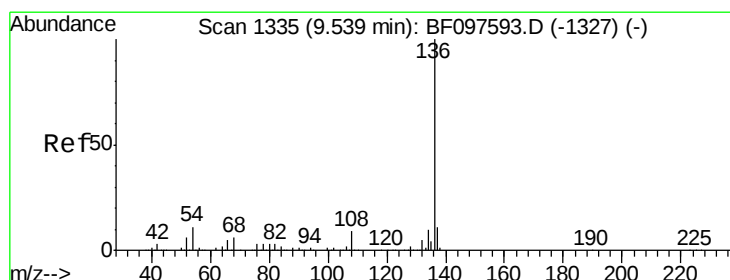
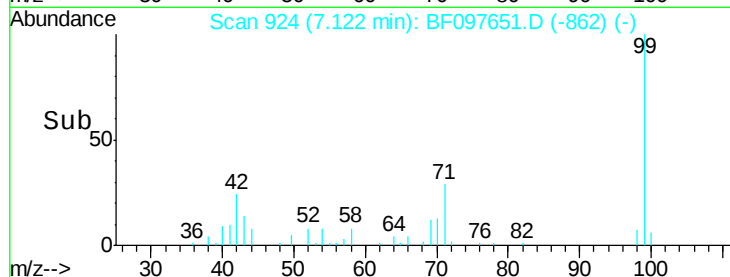
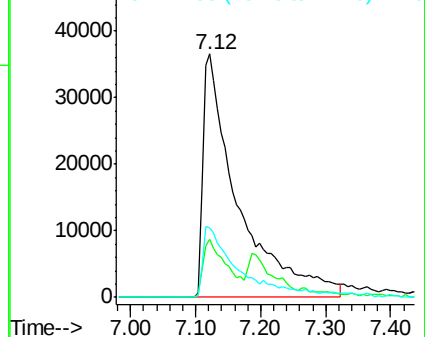
99 100

42 23.7 13.5 20.3#

71 28.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF097651.D

Acq: 13 Aug 2017 00:13

Tgt Ion: 136 Resp: 459432

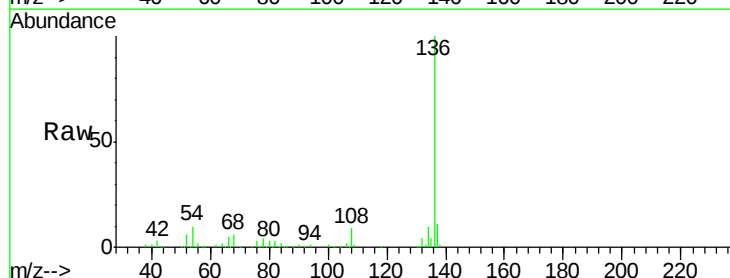
Ion Ratio Lower Upper

136 100

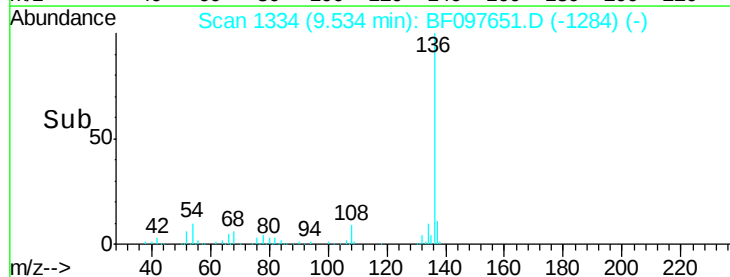
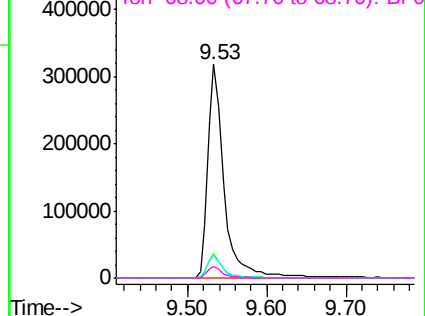
137 11.2 8.5 12.7

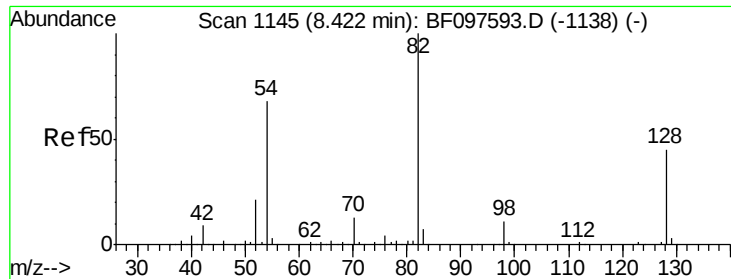
54 10.4 4.9 7.3#

68 5.7 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

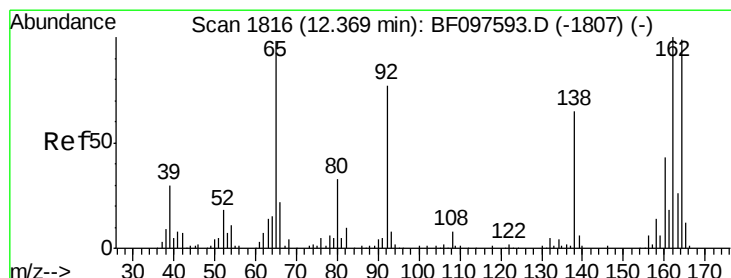
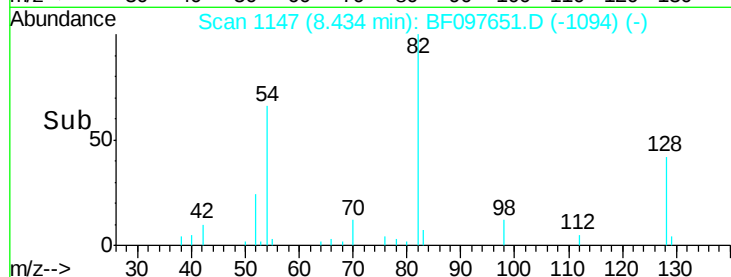
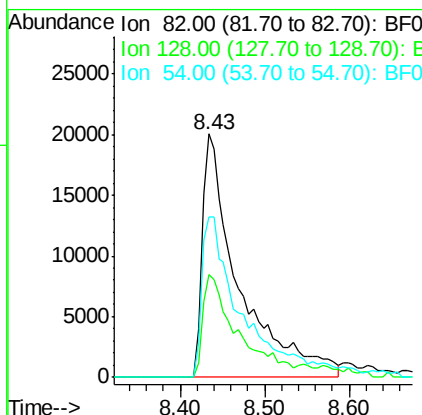
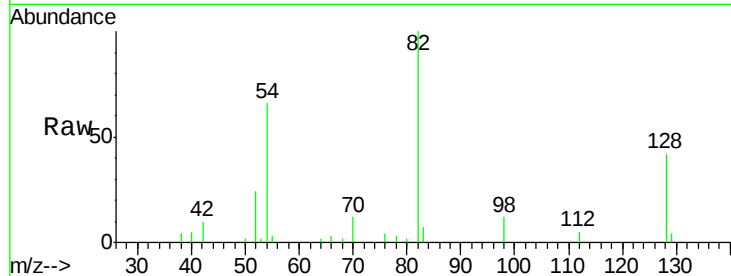




#23
 Nitrobenzene-d5
 Concen: 8.19 ng
 RT: 8.43 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF097651.D
 Acq: 13 Aug 2017 00:13

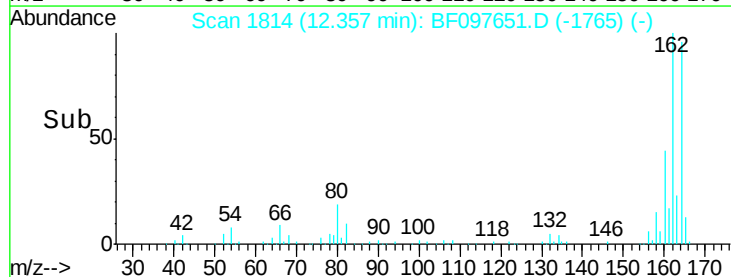
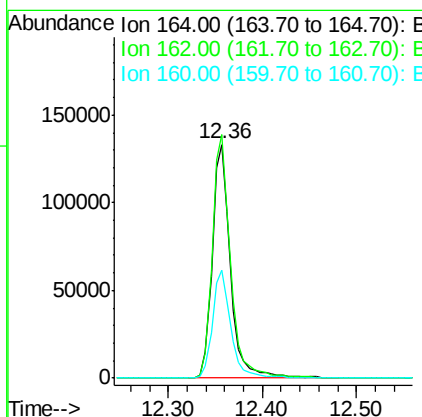
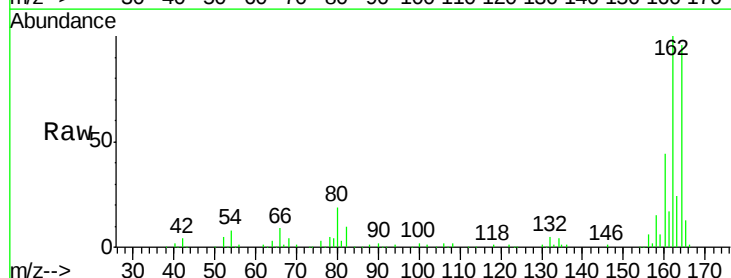
Instrument :
 BNA_F
 ClientSampleId :
 B-14(0-10)COMP

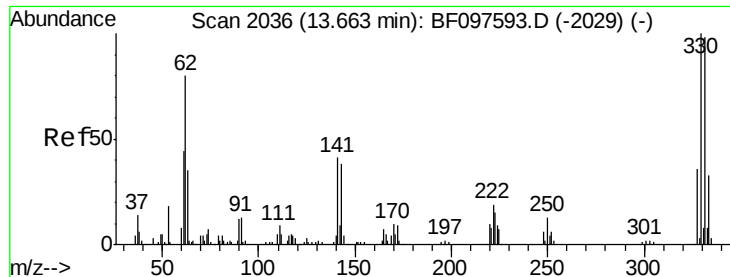
Tot Ion: 82 Resp: 60004
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.0 51.0
 54 65.8 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.36 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF097651.D
 Acq: 13 Aug 2017 00:13

Tgt Ion:164 Resp: 181524
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 46.4 36.2 54.2

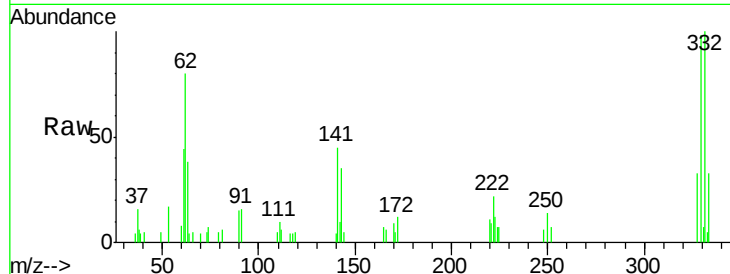




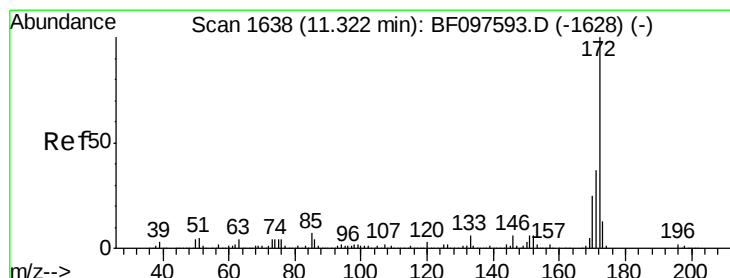
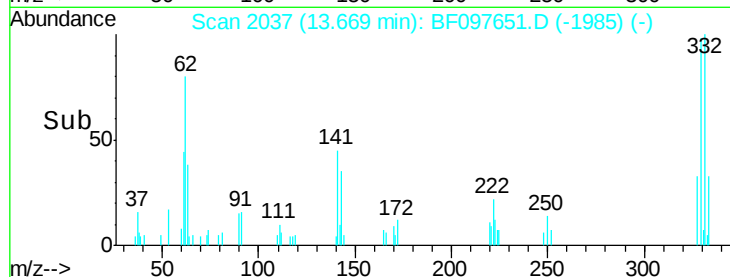
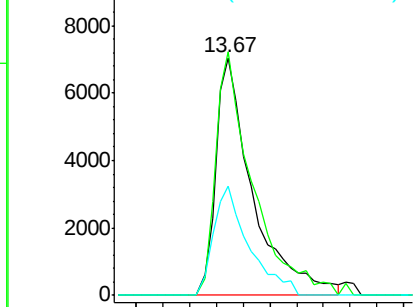
#41
 2,4,6-Tribromophenol
 Concen: 9.91 ng
 RT: 13.67 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BF097651.D
 Acq: 13 Aug 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :
 B-14(0-10)COMP

Tot Ion:330 Resp: 13681
 Ion Ratio Lower Upper
 330 100
 332 103.7 76.6 115.0
 141 43.9 31.4 47.2

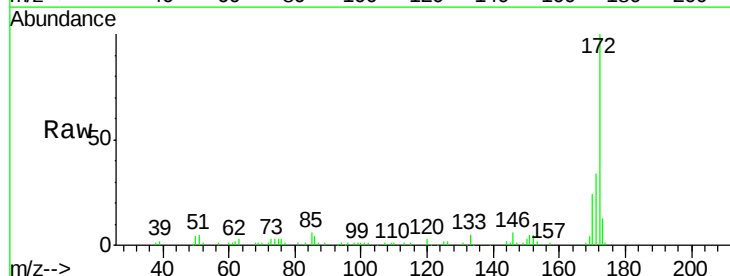


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

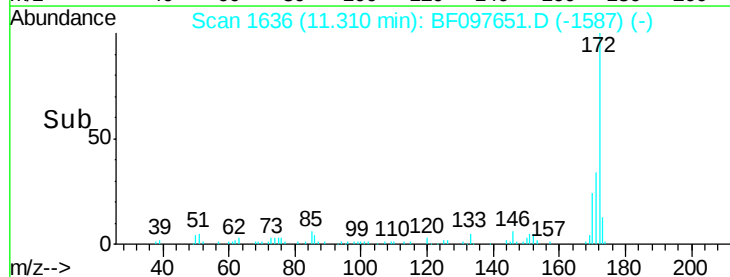
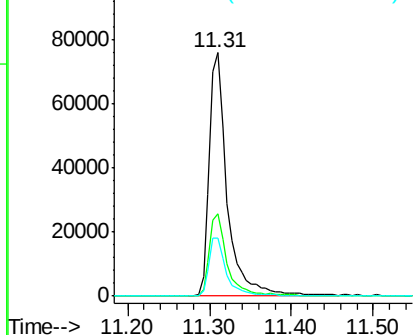


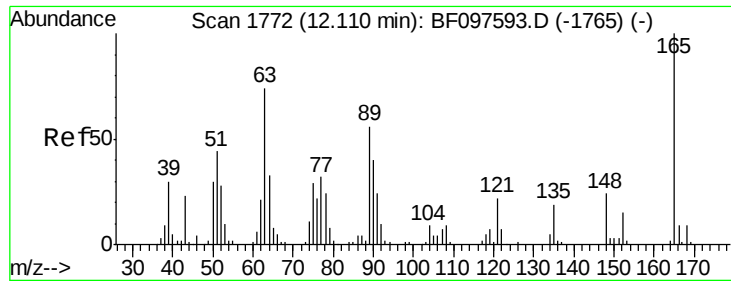
#44
 2-Fluorobiphenyl
 Concen: 9.66 ng
 RT: 11.31 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF097651.D
 Acq: 13 Aug 2017 00:13

Tgt Ion:172 Resp: 116182
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.6 44.4
 170 23.6 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

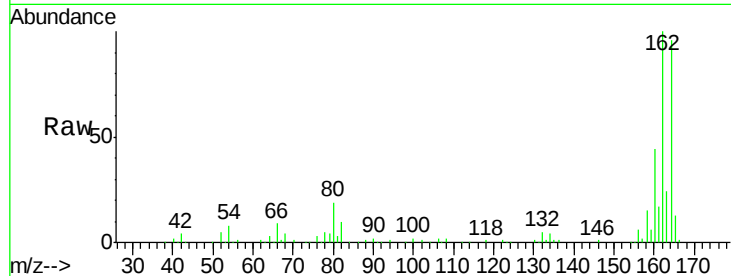




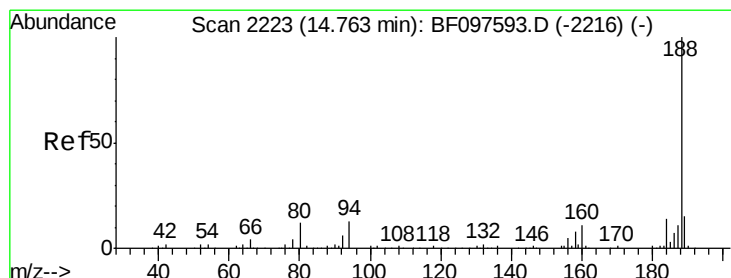
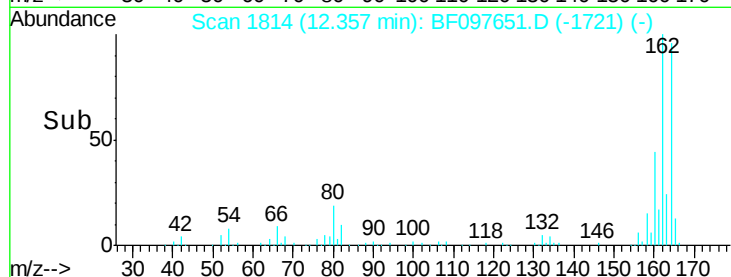
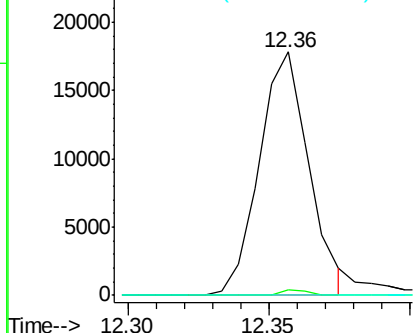
#50
 2,6-Dinitrotoluene
 Concen: 7.50 ng
 RT: 12.36 min Scan# 1814
 Delta R.T. 0.25 min
 Lab File: BF097651.D
 Acq: 13 Aug 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :
 B-14(0-10)COMP

Tot Ion:165 Resp: 21660
 Ion Ratio Lower Upper
 165 100
 63 2.4 34.3 51.5#
 89 0.0 37.1 55.7#

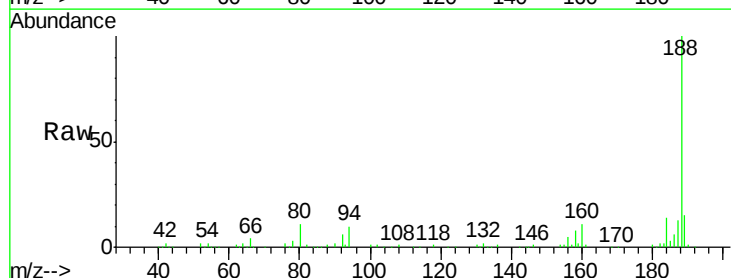


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

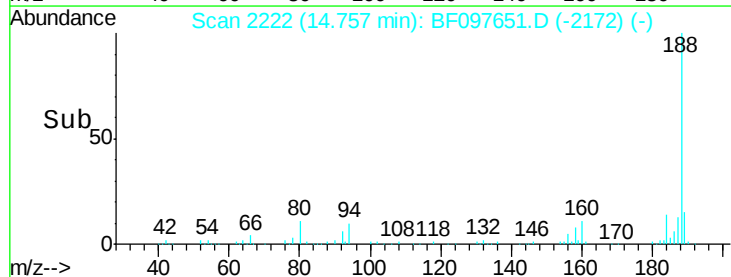
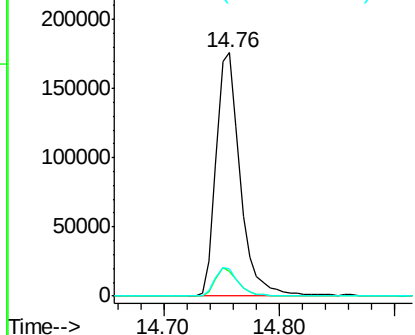


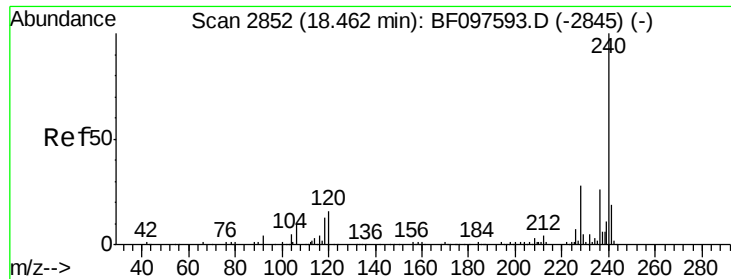
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF097651.D
 Acq: 13 Aug 2017 00:13

Tgt Ion:188 Resp: 255183
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 11.1 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: 18.45 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BF097651.D

Acq: 13 Aug 2017 00:13

Instrument :

BNA_F

ClientSampleId :

B-14(0-10)COMP

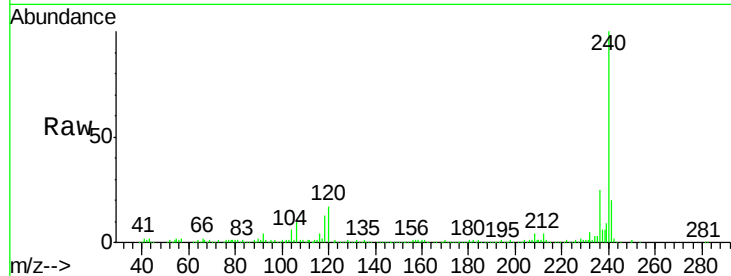
Tot Ion:240 Resp: 197724

Ion Ratio Lower Upper

240 100

120 16.6 5.8 8.8#

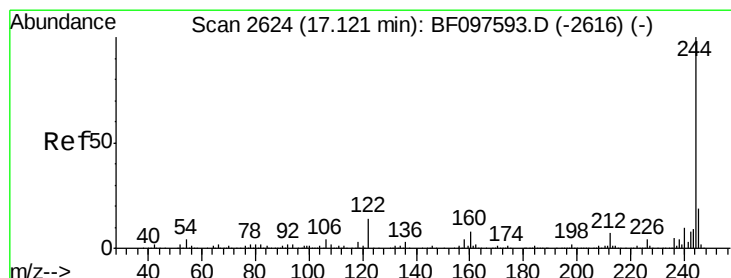
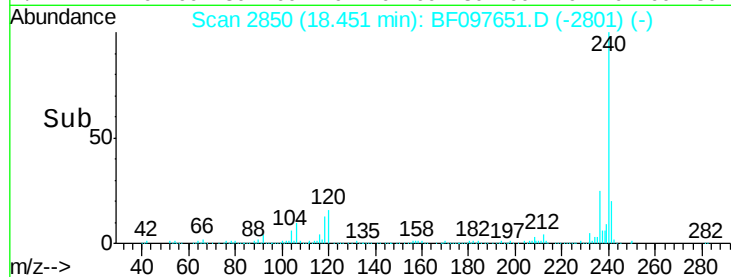
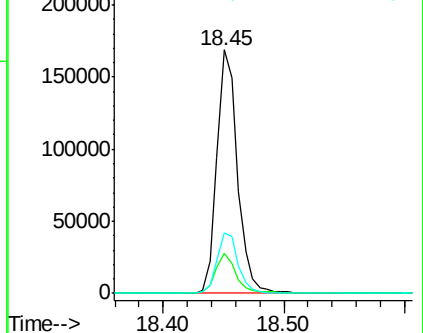
236 25.1 20.5 30.7



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: 6.29 ng

RT: 17.10 min Scan# 2621

Delta R.T. -0.02 min

Lab File: BF097651.D

Acq: 13 Aug 2017 00:13

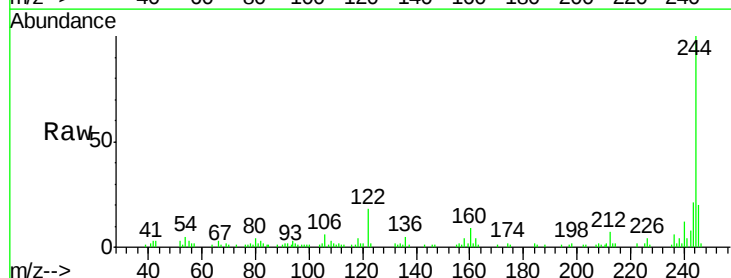
Tgt Ion:244 Resp: 60088

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

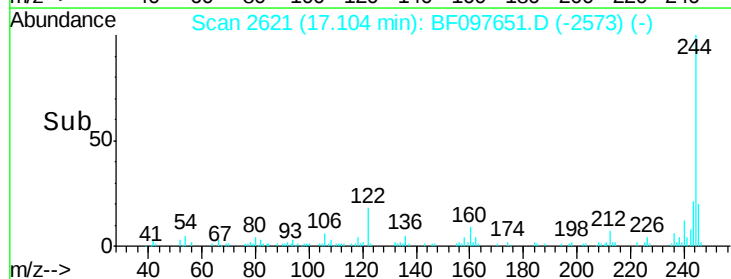
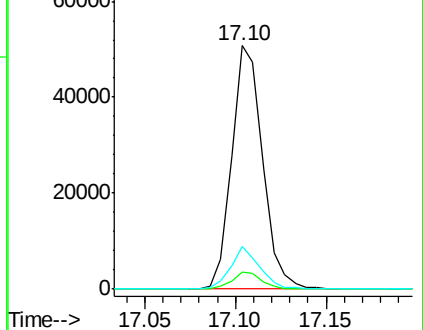
122 17.6 10.3 15.5#

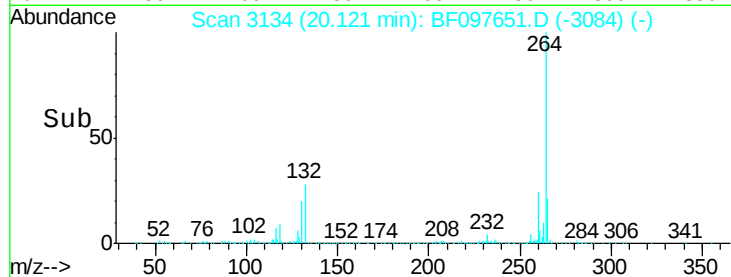
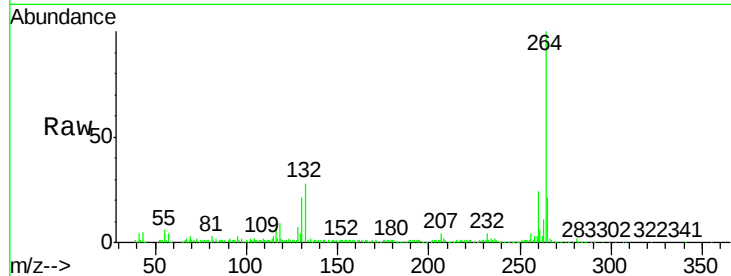
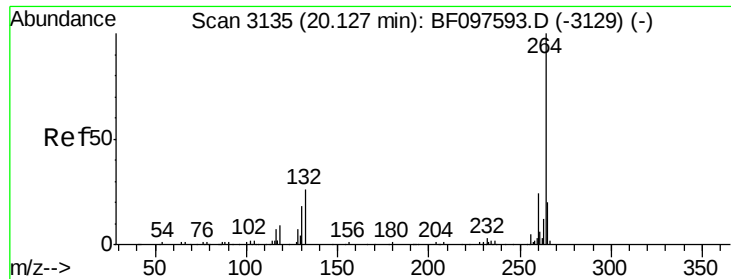


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.12 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BF097651.D
 Acq: 13 Aug 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :
 B-14(0-10)COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.3	17.2	25.8

