

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097259.D
 Acq On : 2 Aug 2017 7:27
 Operator : SJ/JU
 Sample : I4527-05 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-WSW

Quant Time: Aug 02 07:53:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

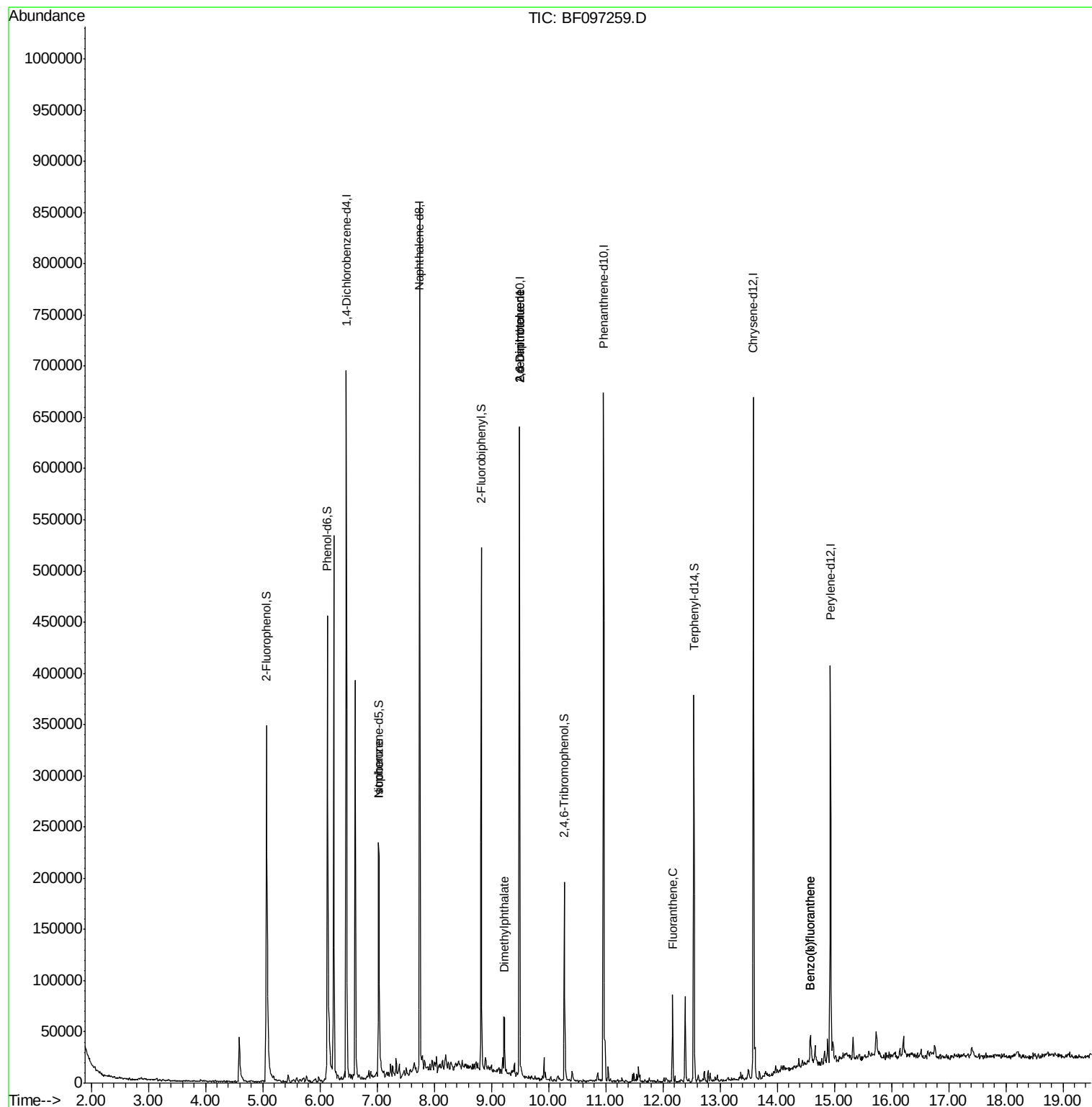
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	99538	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	354424	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	128113	20.00	ng	-0.04
63) Phenanthrene-d10	10.96	188	219014	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	205567	20.00	ng	-0.04
86) Perylene-d12	14.93	264	146683	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	144636	21.90	ng	-0.03
7) Phenol-d6	6.13	99	183508	24.34	ng	-0.04
23) Nitrobenzene-d5	7.03	82	82146	13.60	ng	-0.05
41) 2,4,6-Tribromophenol	10.28	330	22209	21.94	ng	-0.04
44) 2-Fluorobiphenyl	8.82	172	138877	18.40	ng	-0.05
78) Terphenyl-d14	12.54	244	105315	10.45	ng	-0.04
Target Compounds						
25) Isophorone	7.03	82	82027	6.93	ng	# 68
49) Dimethylphthalate	9.23	163	25130	2.58	ng	100
50) 2,6-Dinitrotoluene	9.49	165	14800	7.17	ng	# 31
56) 2,4-Dinitrotoluene	9.49	165	14800	6.24	ng	# 31
74) Fluoranthene	12.17	202	31773	2.76	ng	97
87) Benzo(b)fluoranthene	14.58	252	17894	2.03	ng	# 93
88) Benzo(k)fluoranthene	14.58	252	17894	2.13	ng	97

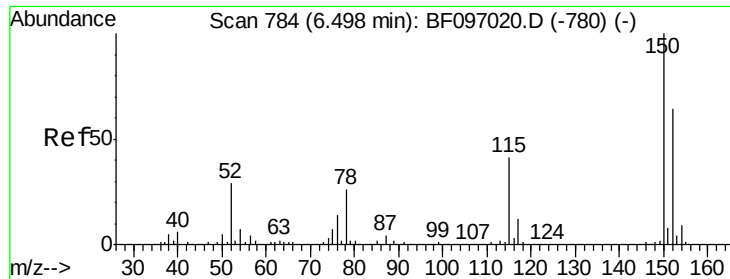
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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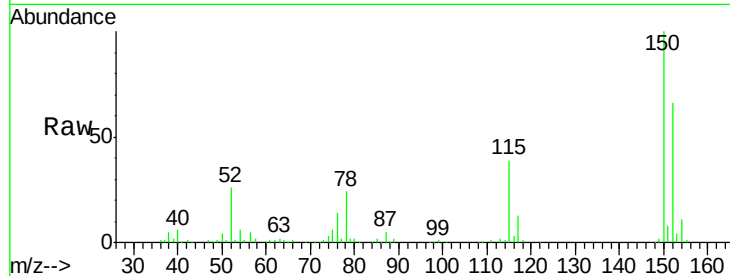


#1

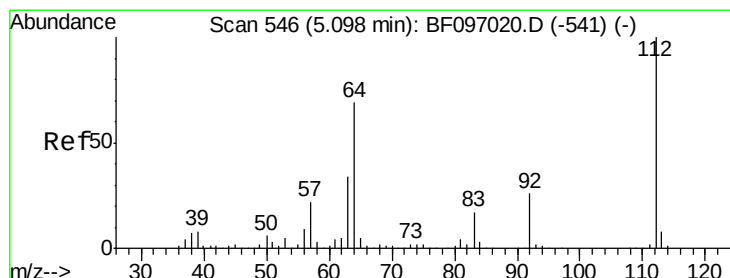
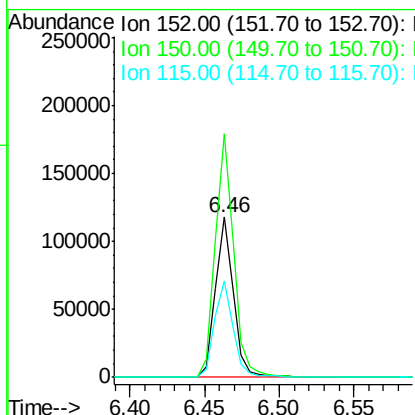
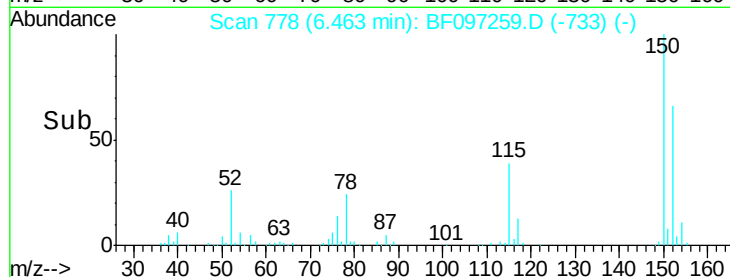
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

Instrument :
BNA_F
ClientSampleId :
E2-HS7-WSW

Tot Ion:152 Resp: 99538
Ion Ratio Lower Upper
152 100
150 152.0 126.2 189.2
115 59.9 52.2 78.2



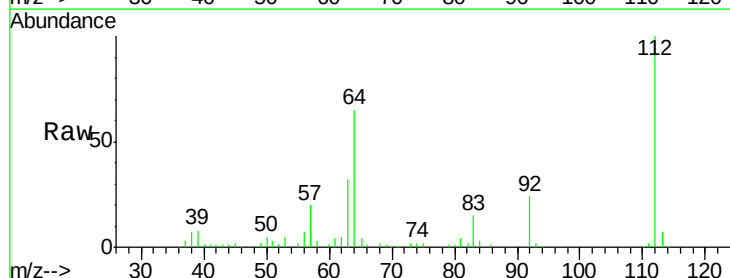
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



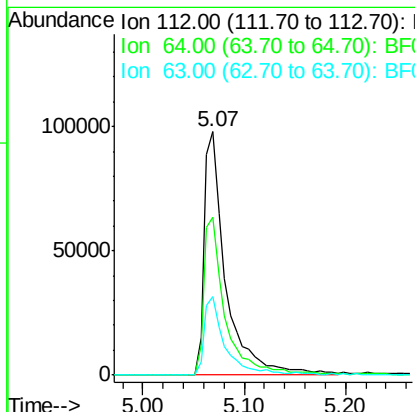
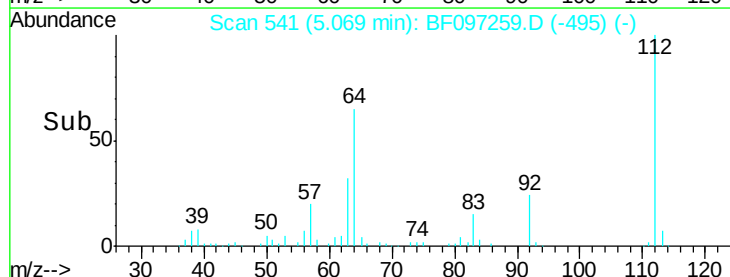
#5

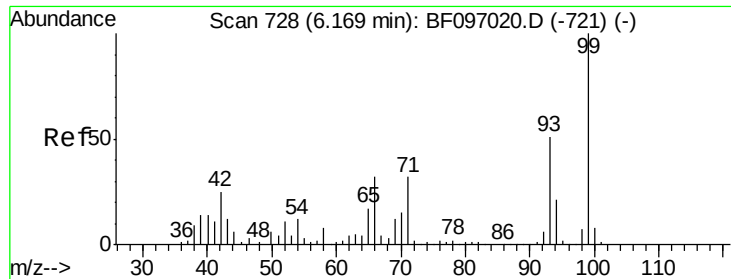
2-Fluorophenol
Concen: 21.90 ng
RT: 5.07 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

Tgt Ion:112 Resp: 144636
Ion Ratio Lower Upper
112 100
64 64.7 46.0 69.0
63 32.4 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: 24.34 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF097259.D

Acq: 2 Aug 2017 7:27

Instrument :

BNA_F

ClientSampleId :

E2-HS7-WSW

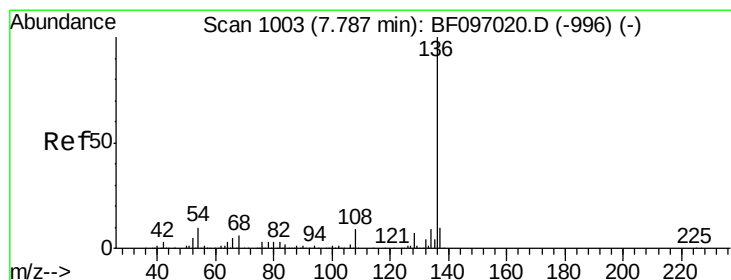
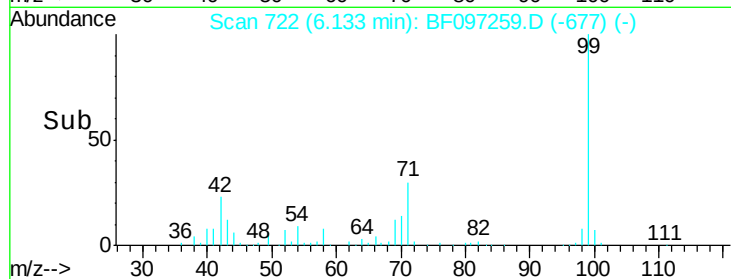
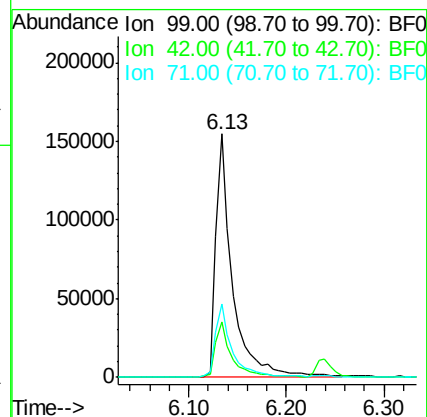
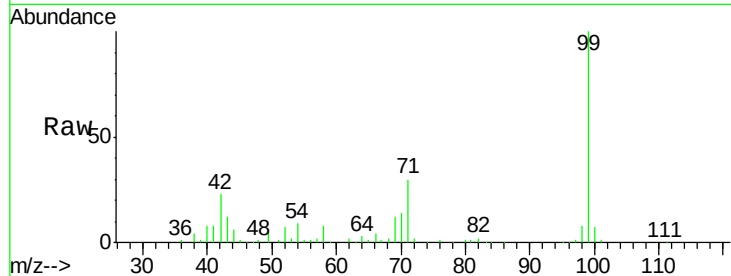
Tot Ion: 99 Resp: 183508

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

71 30.3 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.04 min

Lab File: BF097259.D

Acq: 2 Aug 2017 7:27

Tgt Ion: 136 Resp: 354424

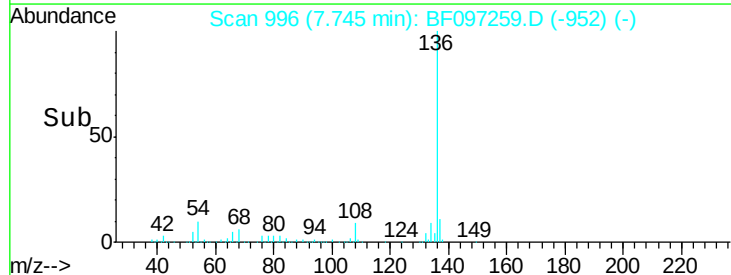
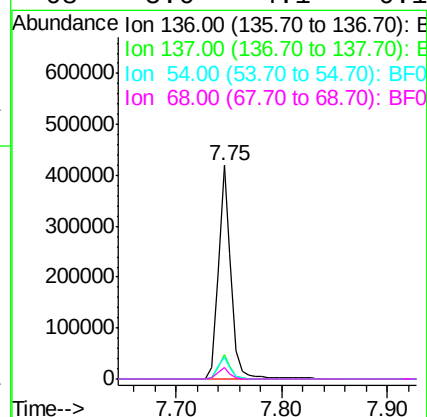
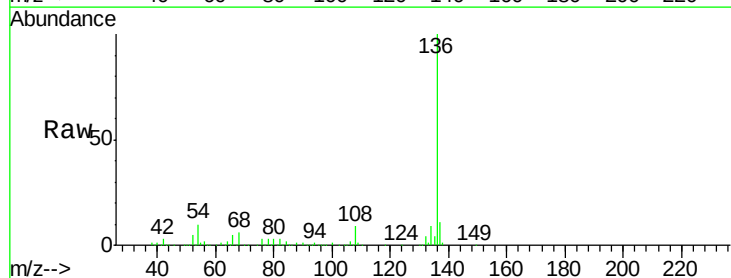
Ion Ratio Lower Upper

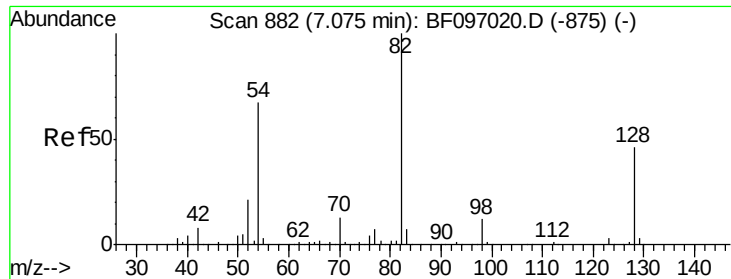
136 100

137 11.2 8.5 12.7

54 10.1 4.9 7.3#

68 5.6 4.1 6.1

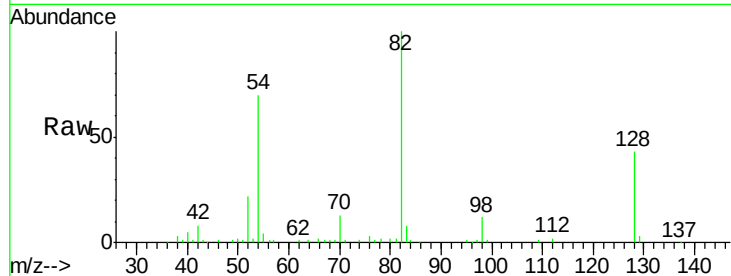




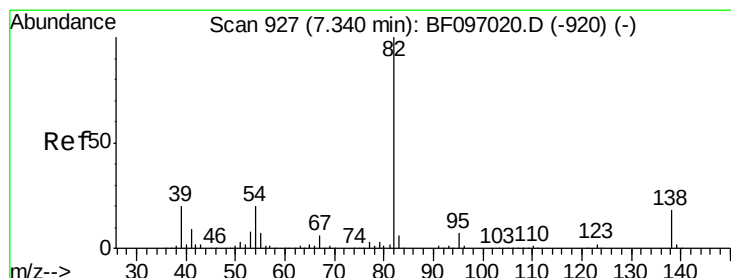
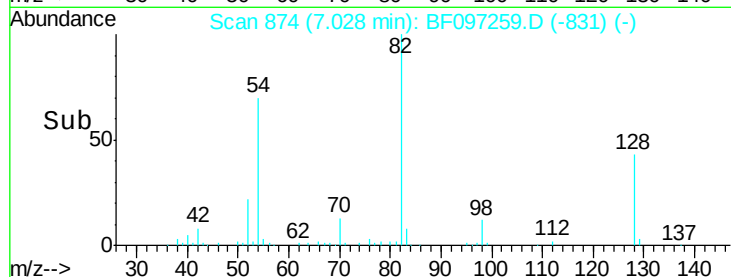
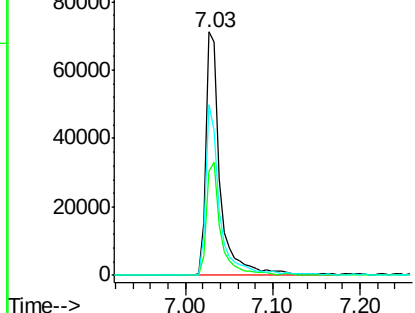
#23
 Nitrobenzene-d5
 Concen: 13.60 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.05 min
 Lab File: BF097259.D
 Acq: 2 Aug 2017 7:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-WSW

Tot Ion: 82 Resp: 82146
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.0 51.0
 54 70.2 42.2 63.2#

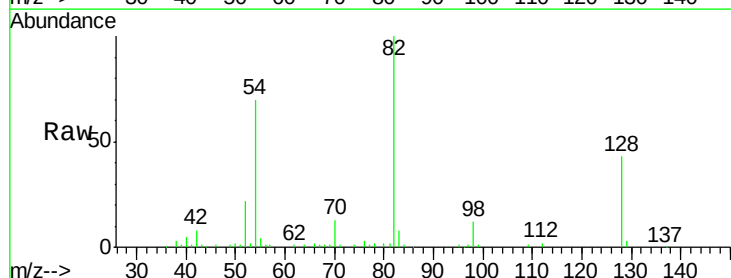


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

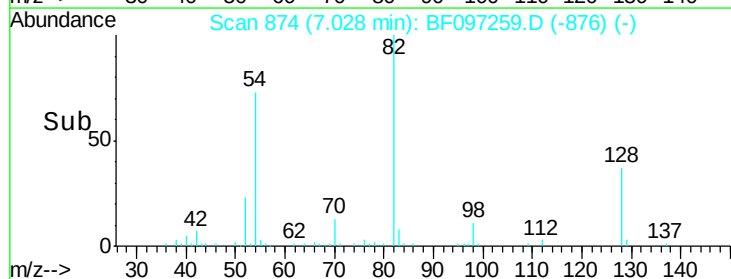
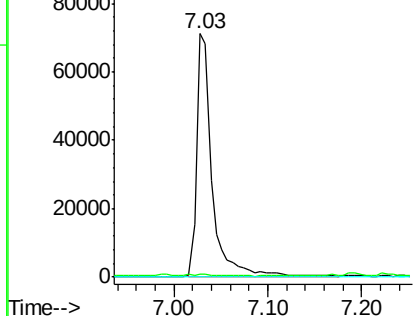


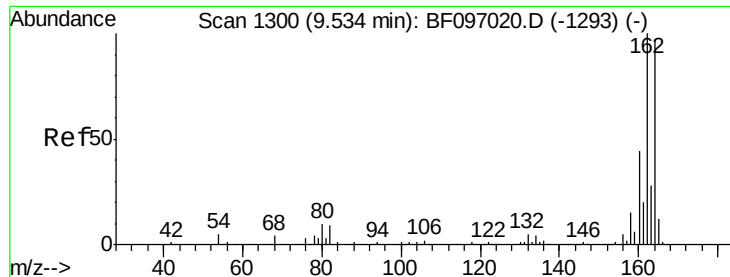
#25
 Isophorone
 Concen: 6.93 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.31 min
 Lab File: BF097259.D
 Acq: 2 Aug 2017 7:27

Tgt Ion: 82 Resp: 82027
 Ion Ratio Lower Upper
 82 100
 95 1.2 5.3 7.9#
 138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

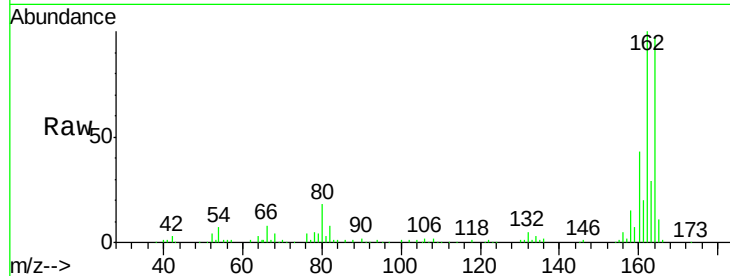




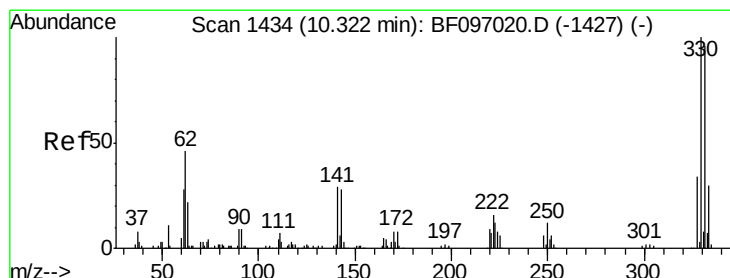
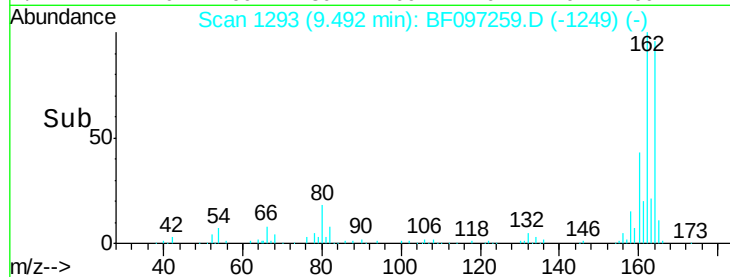
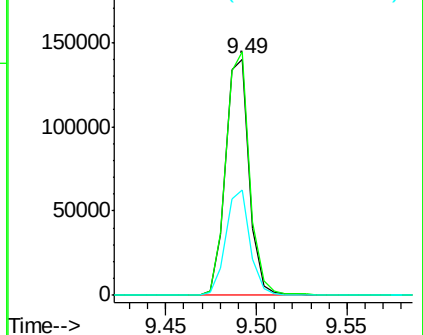
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

Instrument :
BNA_F
ClientSampleId :
E2-HS7-WSW

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	44.6	36.2	54.2

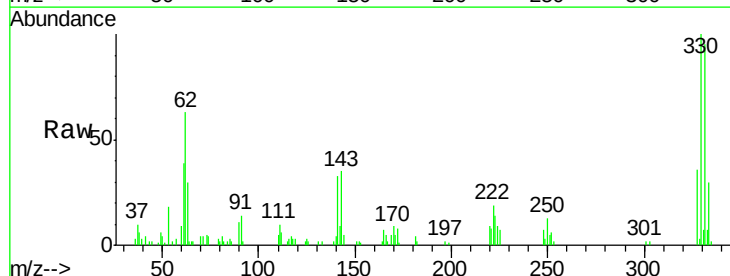


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

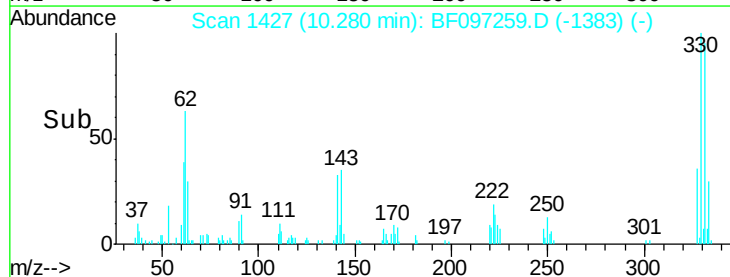
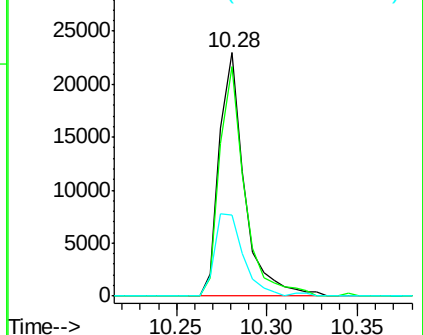


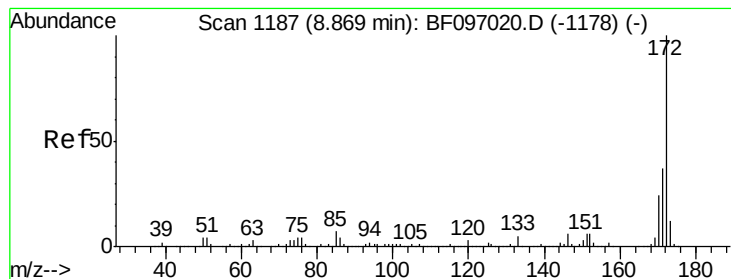
#41
2,4,6-Tribromophenol
Concen: 21.94 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.04 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	115.0
141	38.3	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: 18.40 ng

RT: 8.82 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF097259.D

Acq: 2 Aug 2017 7:27

Instrument :

BNA_F

ClientSampleId :

E2-HS7-WSW

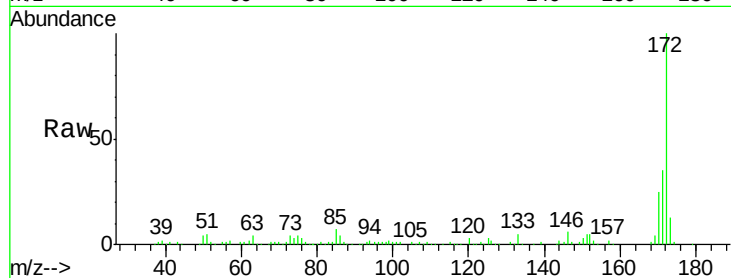
Tot Ion:172 Resp: 138877

Ion Ratio Lower Upper

172 100

171 35.1 29.6 44.4

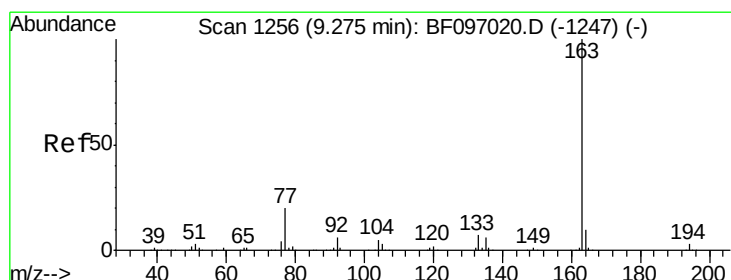
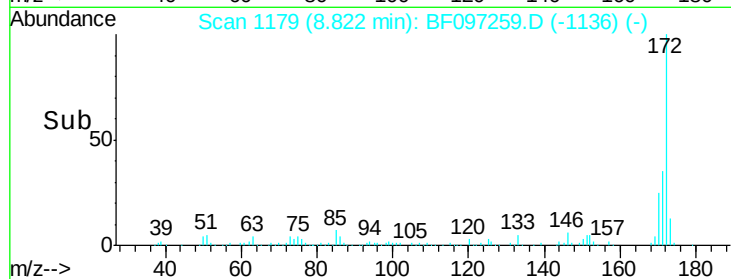
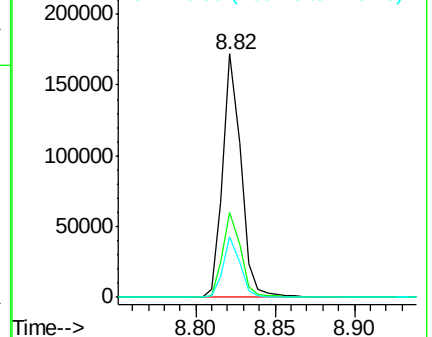
170 24.7 19.8 29.8



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: 2.58 ng

RT: 9.23 min Scan# 1248

Delta R.T. -0.05 min

Lab File: BF097259.D

Acq: 2 Aug 2017 7:27

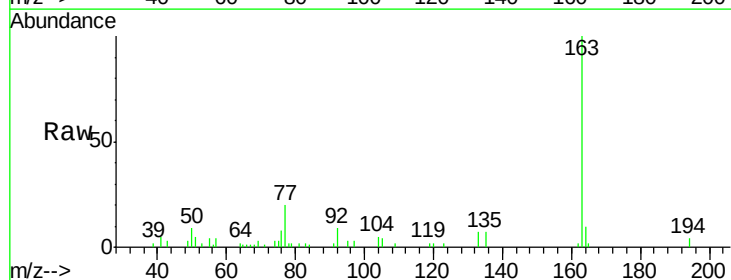
Tgt Ion:163 Resp: 25130

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

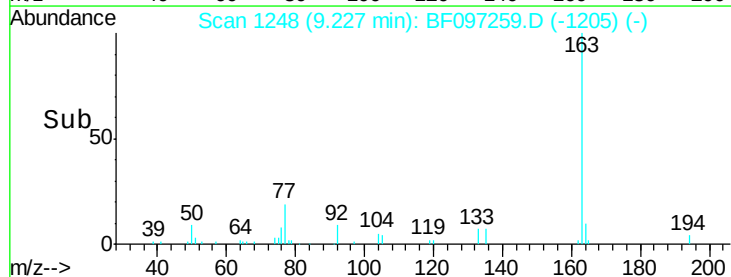
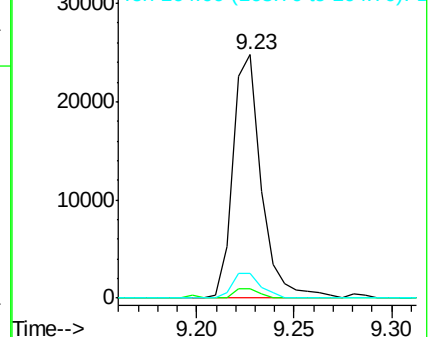
164 10.4 8.4 12.6

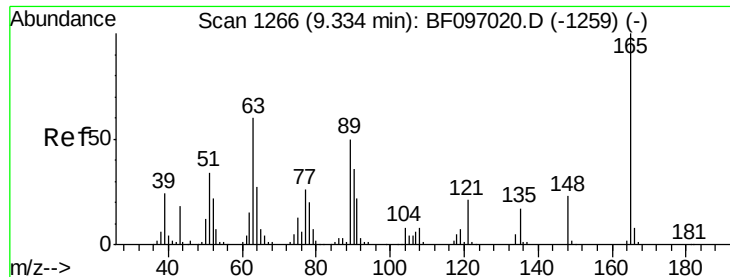


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

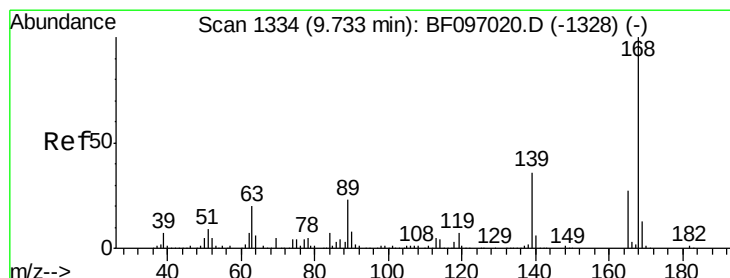
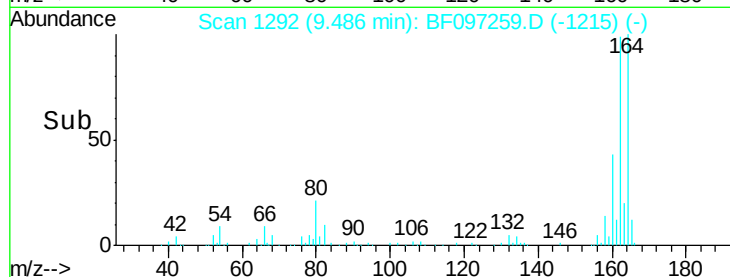
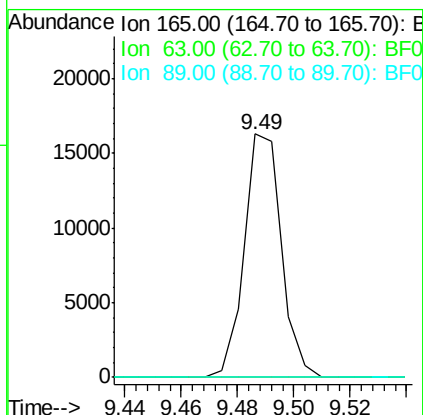
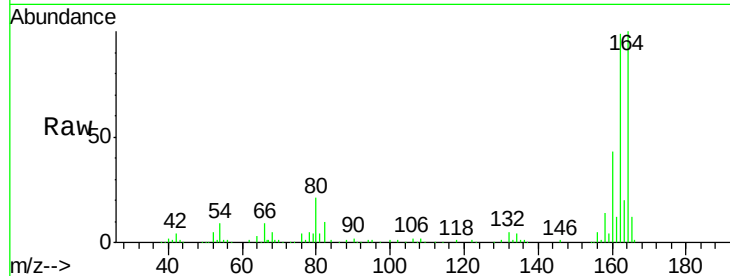




#50
 2,6-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.49 min Scan# 1292
 Delta R.T. 0.15 min
 Lab File: BF097259.D
 Acq: 2 Aug 2017 7:27

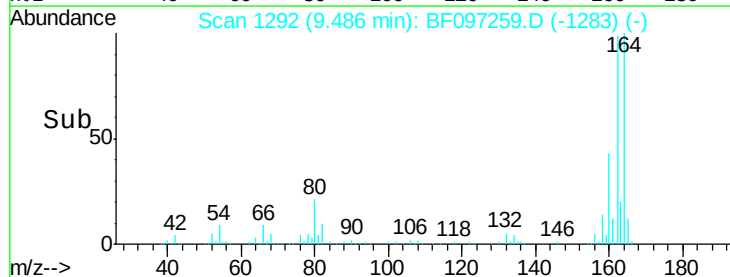
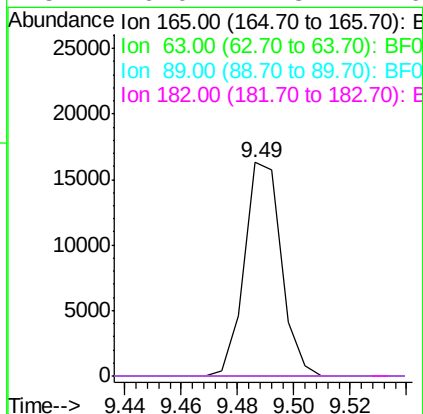
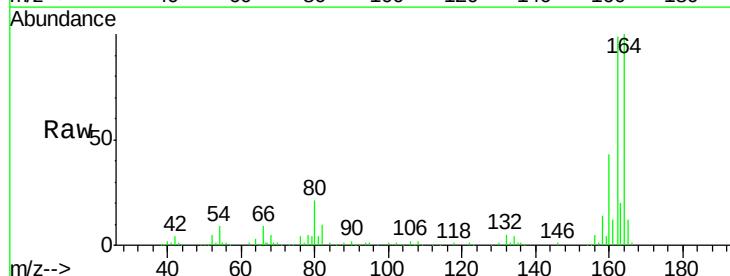
Instrument :
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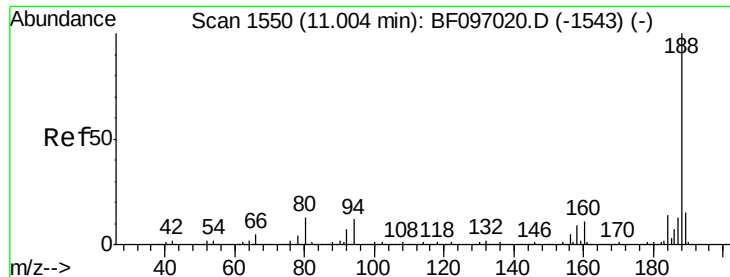
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.49 min Scan# 1292
 Delta R.T. -0.25 min
 Lab File: BF097259.D
 Acq: 2 Aug 2017 7:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

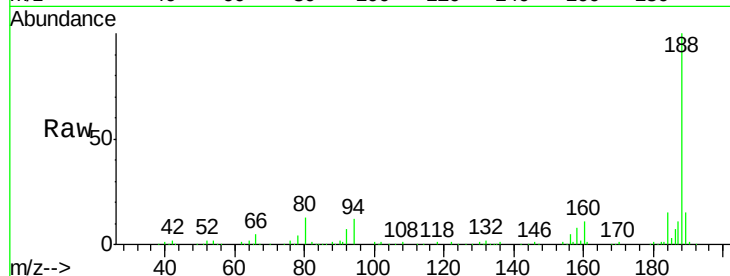




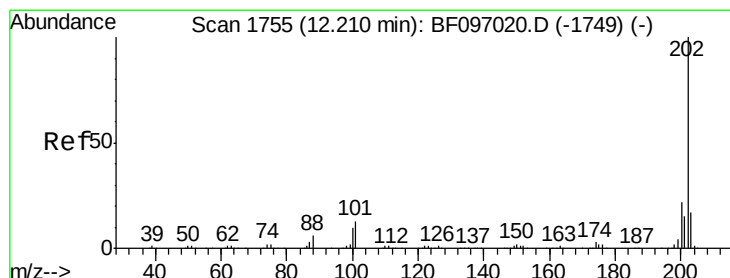
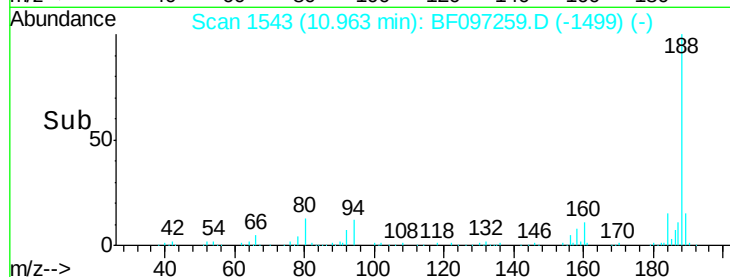
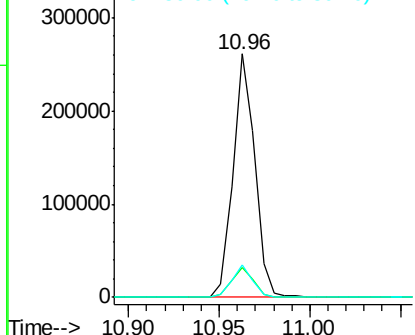
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

Instrument :
BNA_F
ClientSampleId :
E2-HS7-WSW

Tot Ion:188 Resp: 219014
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 13.2 10.2 15.2

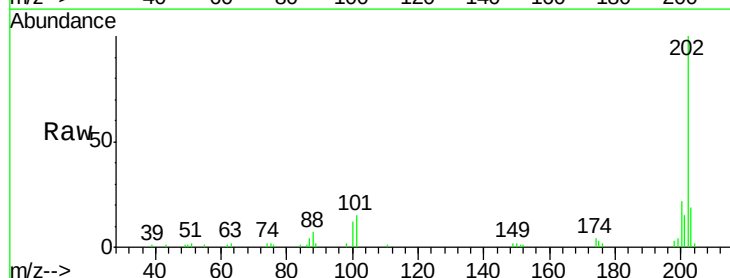


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

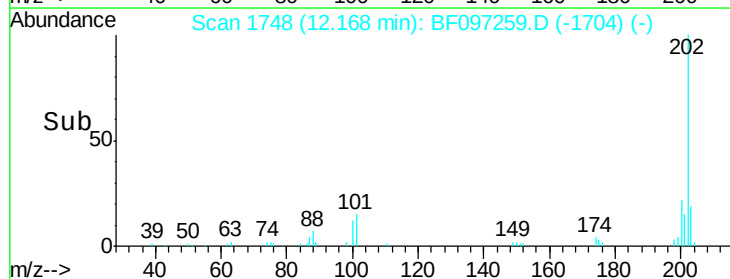
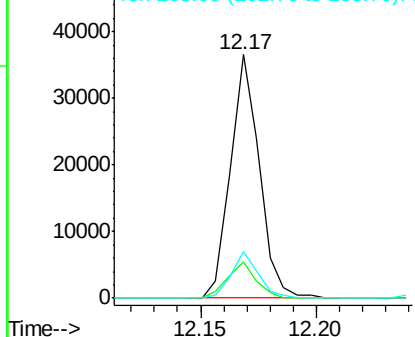


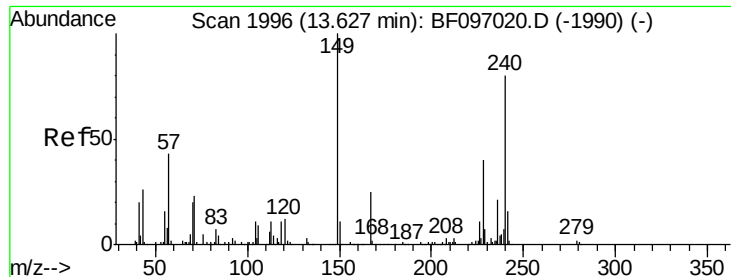
#74
Fluoranthene
Concen: 2.76 ng
RT: 12.17 min Scan# 1748
Delta R.T. -0.04 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

Tgt Ion:202 Resp: 31773
Ion Ratio Lower Upper
202 100
101 15.1 0.0 33.2
203 19.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1989

Delta R.T. -0.04 min

Lab File: BF097259.D

Acq: 2 Aug 2017 7:27

Instrument :

BNA_F

ClientSampleId :

E2-HS7-WSW

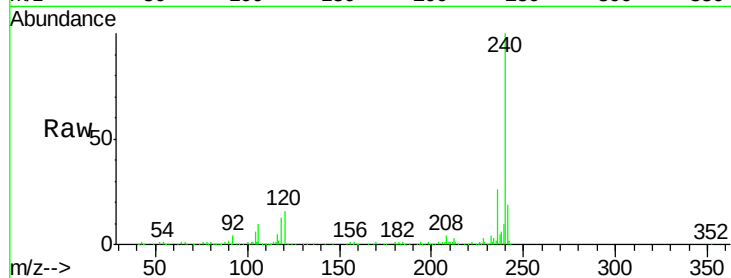
Tot Ion:240 Resp: 205567

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

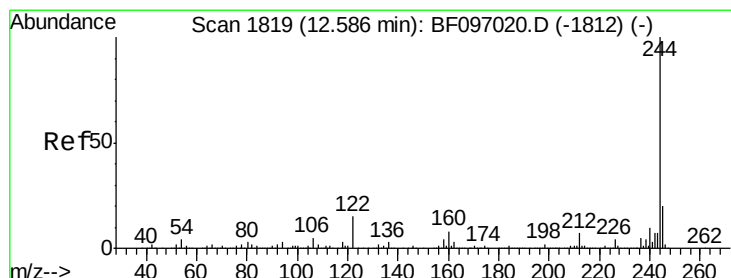
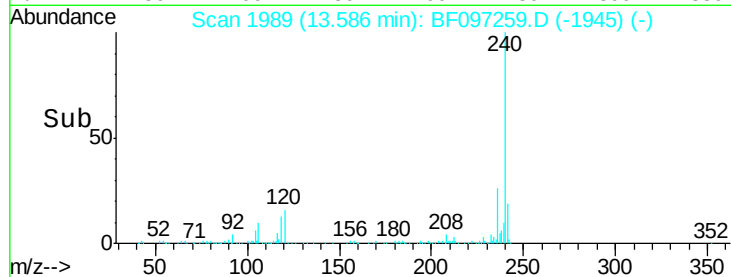
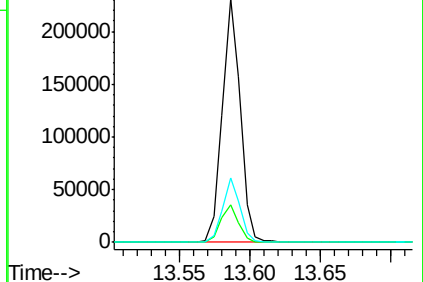
236 26.5 20.5 30.7



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: 10.45 ng

RT: 12.54 min Scan# 1812

Delta R.T. -0.04 min

Lab File: BF097259.D

Acq: 2 Aug 2017 7:27

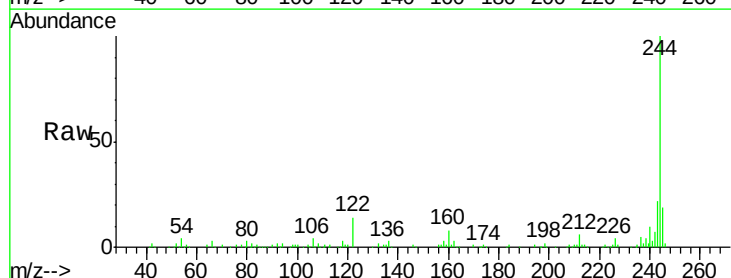
Tgt Ion:244 Resp: 105315

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

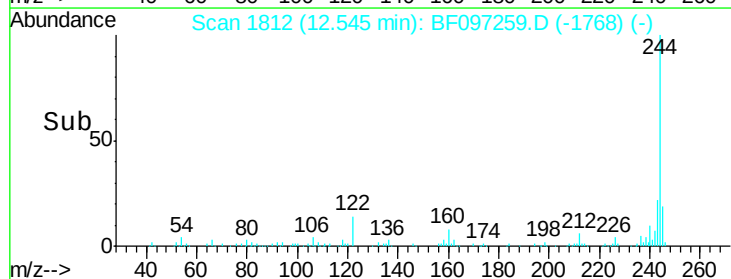
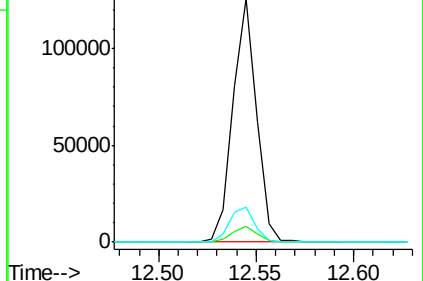
122 14.2 10.3 15.5

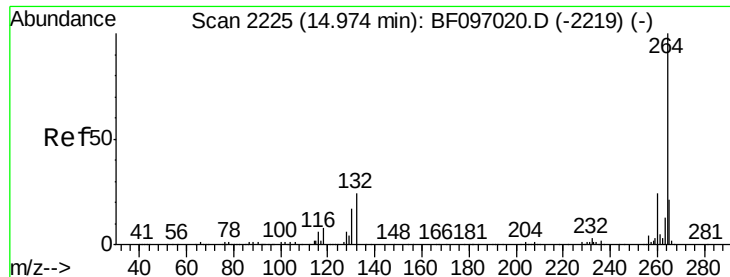


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

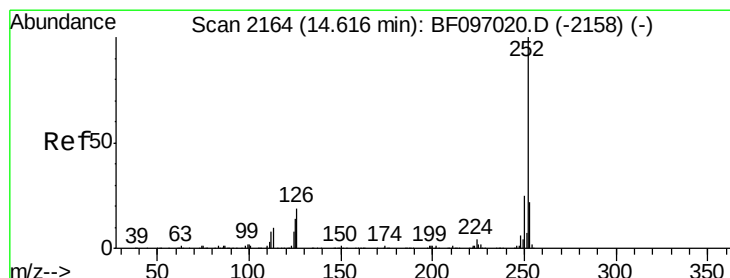
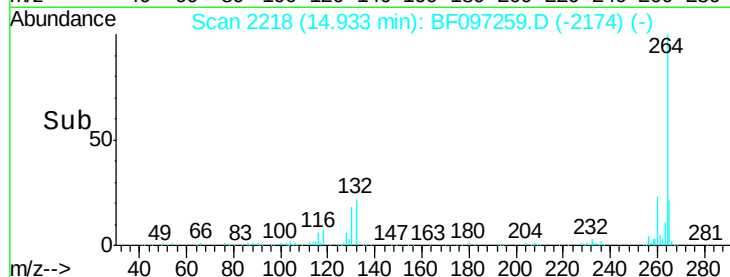
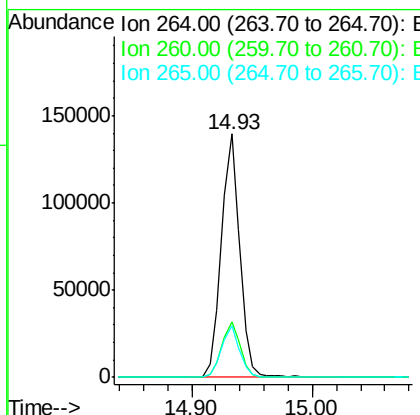
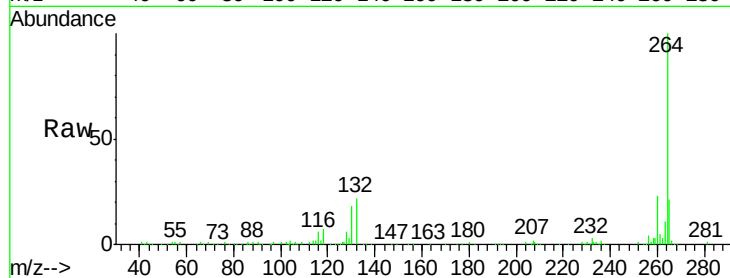




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

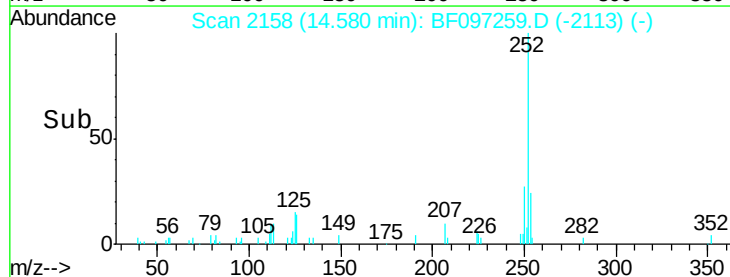
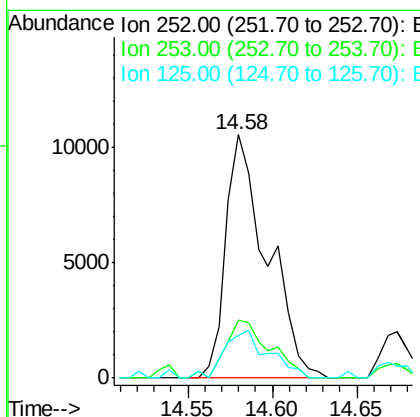
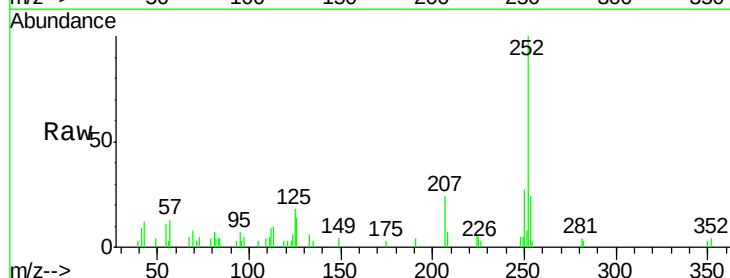
Instrument :
BNA_F
ClientSampleId :
E2-HS7-WSW

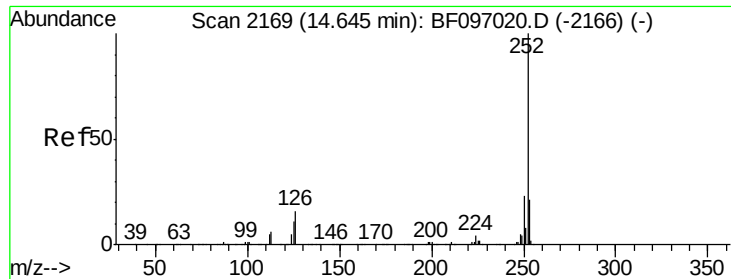
Tot Ion:264 Resp: 146683
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 21.1 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.03 ng
RT: 14.58 min Scan# 2158
Delta R.T. -0.04 min
Lab File: BF097259.D
Acq: 2 Aug 2017 7:27

Tgt Ion:252 Resp: 17894
Ion Ratio Lower Upper
252 100
253 24.1 18.1 27.1
125 17.7 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 2.13 ng

RT: 14.58 min Scan# 2158

Delta R.T. -0.06 min

Lab File: BF097259.D

Acq: 2 Aug 2017 7:27

Instrument :

BNA_F

ClientSampleId :

E2-HS7-WSW

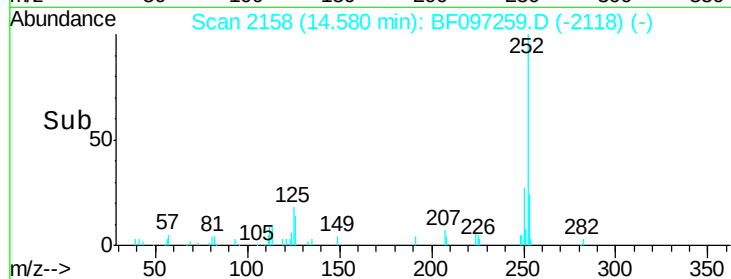
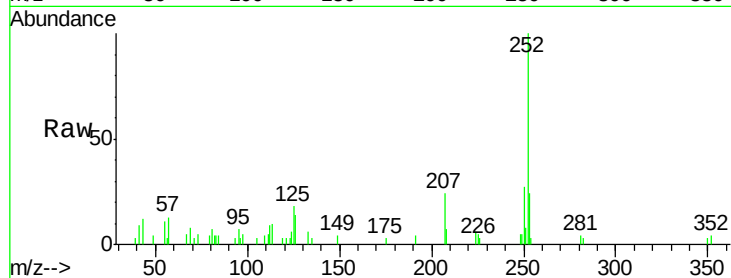
Tot Ion:252 Resp: 17894

Ion Ratio Lower Upper

252 100

253 24.1 18.4 27.6

125 17.7 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

