

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097257.D
 Acq On : 2 Aug 2017 6:32
 Operator : SJ/JU
 Sample : I4527-02 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-NSW

Quant Time: Aug 02 07:35:22 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

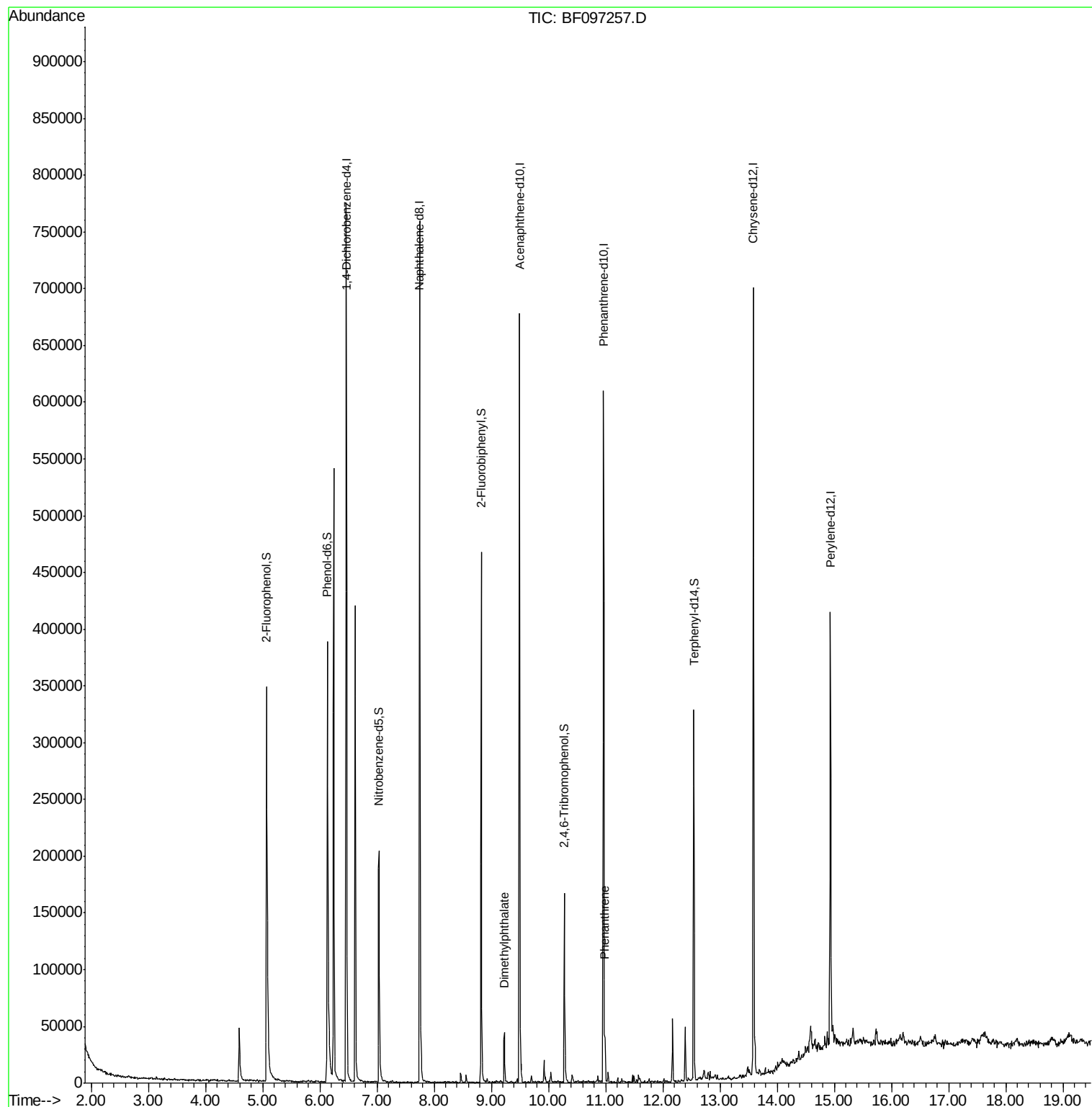
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	107592	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	321721	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	129430	20.00	ng	-0.04
63) Phenanthrene-d10	10.96	188	205722	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	217639	20.00	ng	-0.04
86) Perylene-d12	14.93	264	149106	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	141991	19.89	ng	-0.03
7) Phenol-d6	6.13	99	157959	19.39	ng	-0.04
23) Nitrobenzene-d5	7.03	82	74407	13.57	ng	-0.04
41) 2,4,6-Tribromophenol	10.28	330	20511	20.06	ng	-0.04
44) 2-Fluorobiphenyl	8.82	172	134623	17.65	ng	-0.05
78) Terphenyl-d14	12.54	244	96584	9.05	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.23	163	20134	2.048	ng	99
70) Phenanthrene	10.99	178	24270	2.202	ng	# 94

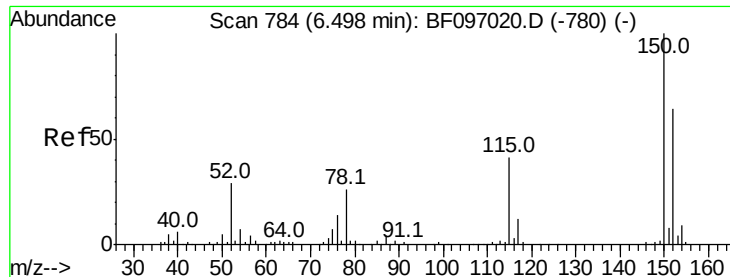
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.04 min

Lab File: BF097257.D

Acq: 2 Aug 2017 6:32

Instrument :

BNA_F

ClientSampleId :

E2-HS7-NSW

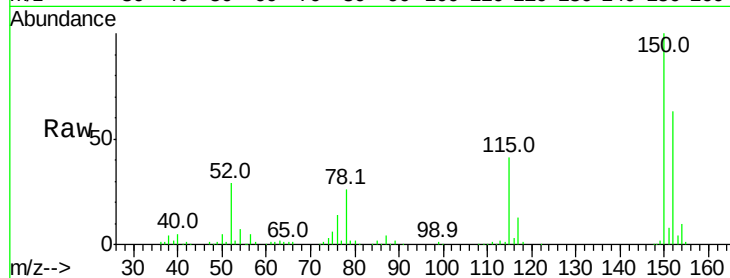
Tot Ion:152 Resp: 107592

Ion Ratio Lower Upper

152 100

150 158.4 126.2 189.2

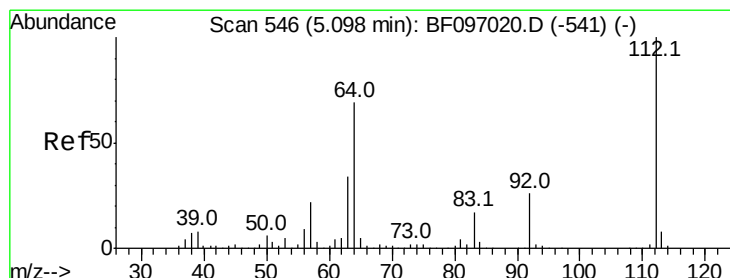
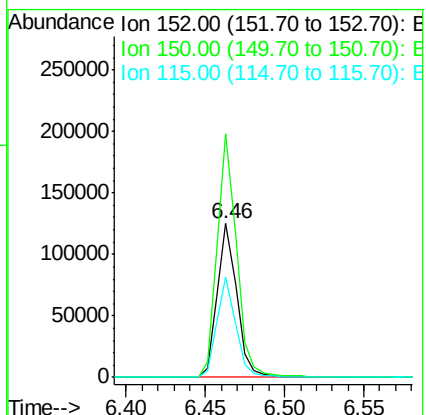
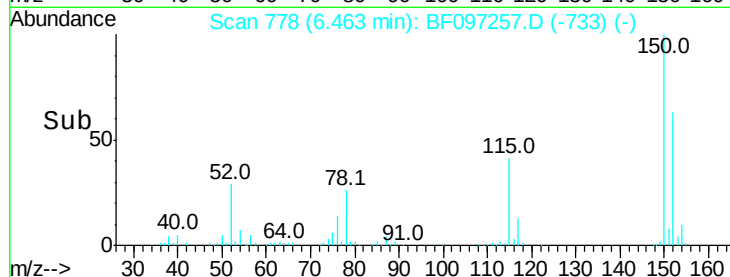
115 65.3 52.2 78.2



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: 19.895 ng

RT: 5.07 min Scan# 541

Delta R.T. -0.03 min

Lab File: BF097257.D

Acq: 2 Aug 2017 6:32

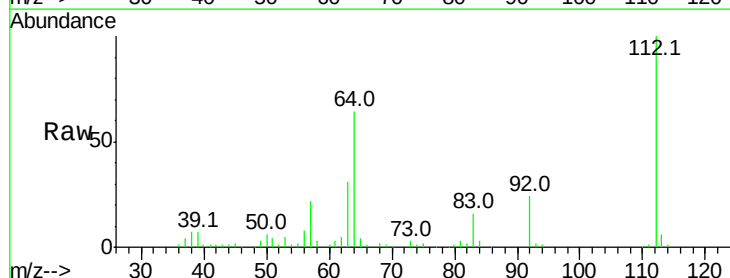
Tgt Ion:112 Resp: 141991

Ion Ratio Lower Upper

112 100

64 64.2 46.0 69.0

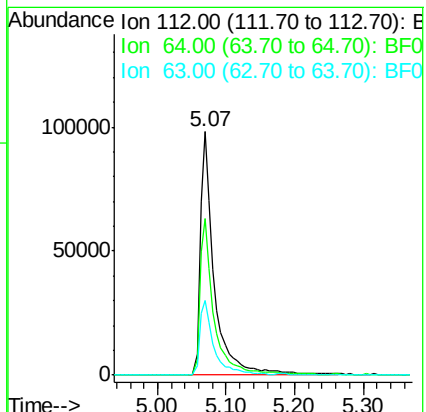
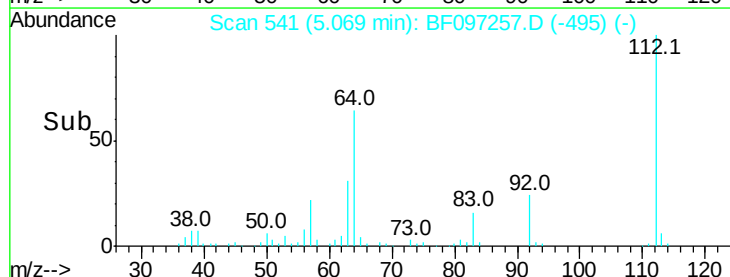
63 30.6 23.4 35.0

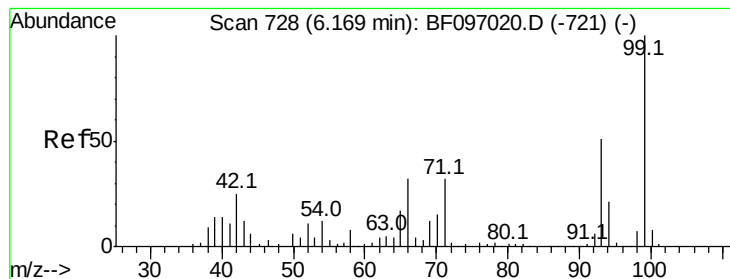


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.386 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF097257.D

Acq: 2 Aug 2017 6:32

Instrument :

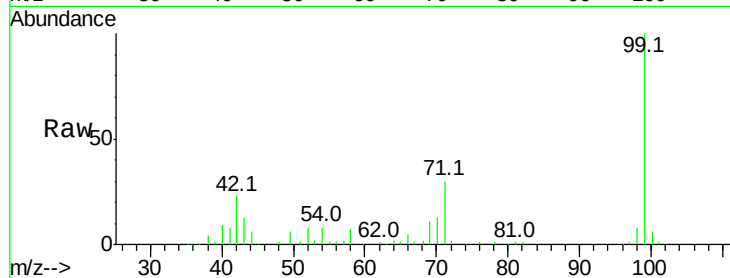
BNA_F

ClientSampleId :

E2-HS7-NSW

Tot Ion: 99 Resp: 157959

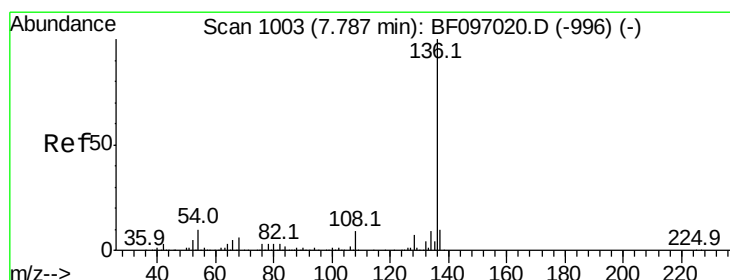
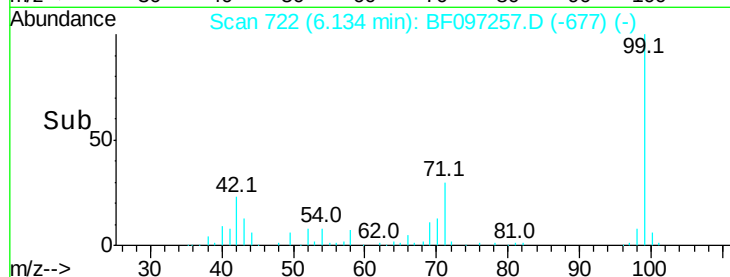
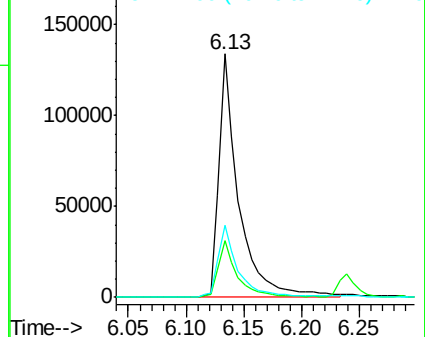
Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	29.8	24.5	36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.04 min

Lab File: BF097257.D

Acq: 2 Aug 2017 6:32

Tgt Ion: 136 Resp: 321721

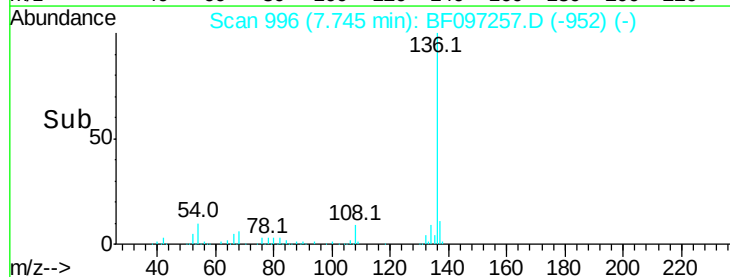
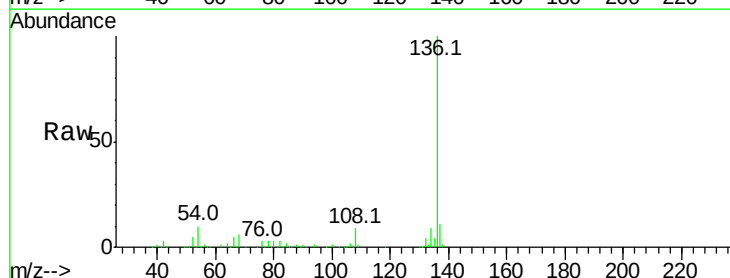
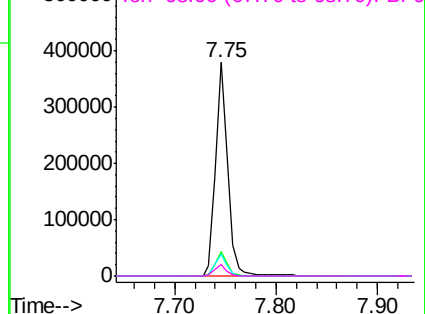
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.3	4.9	7.3#
68	5.5	4.1	6.1

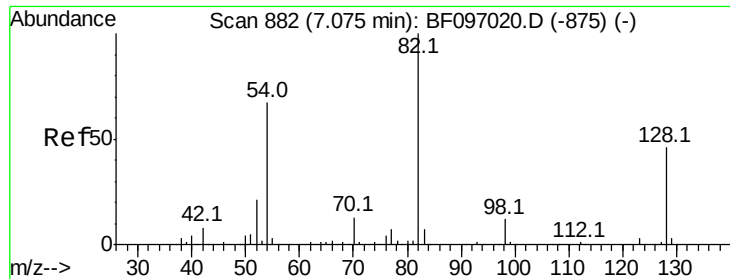
Abundance Ion 136.00 (135.70 to 136.70): E

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

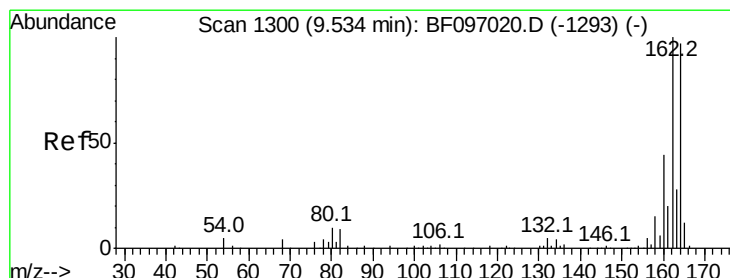
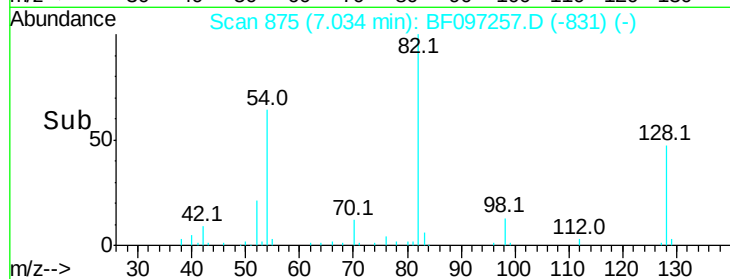
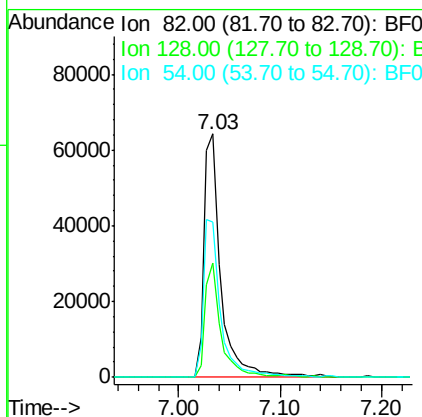
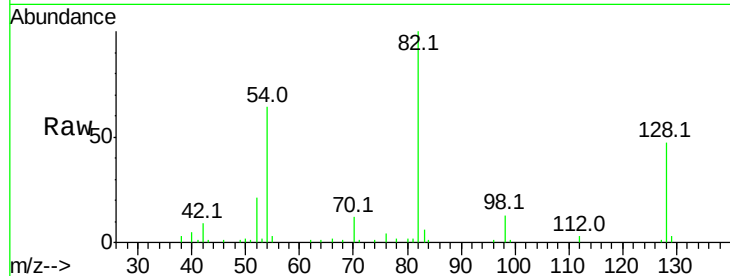




#23
 Nitrobenzene-d5
 Concen: 13.568 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF097257.D
 Acq: 2 Aug 2017 6:32

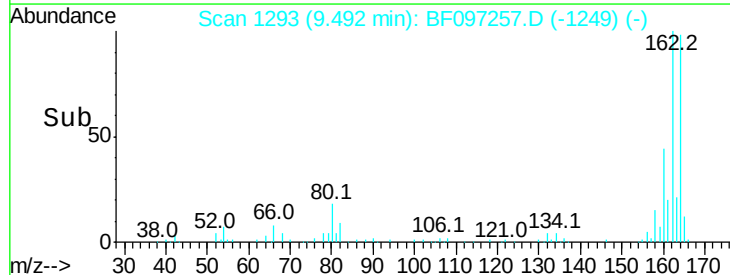
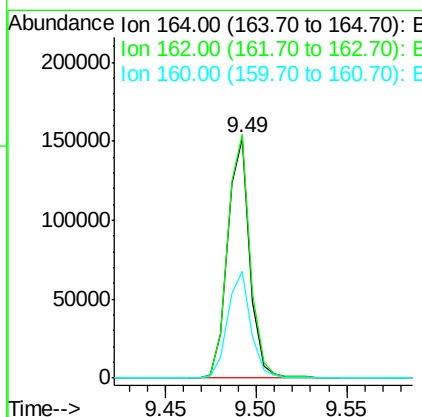
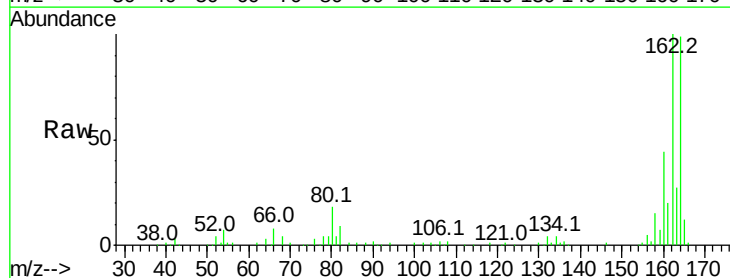
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-NSW

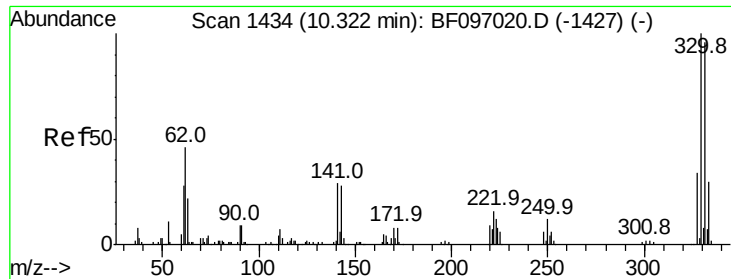
Tot Ion: 82 Resp: 74407
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 64.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.04 min
 Lab File: BF097257.D
 Acq: 2 Aug 2017 6:32

Tgt Ion:164 Resp: 129430
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 44.3 36.2 54.2

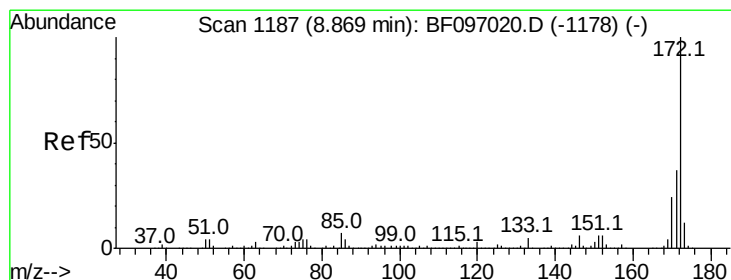
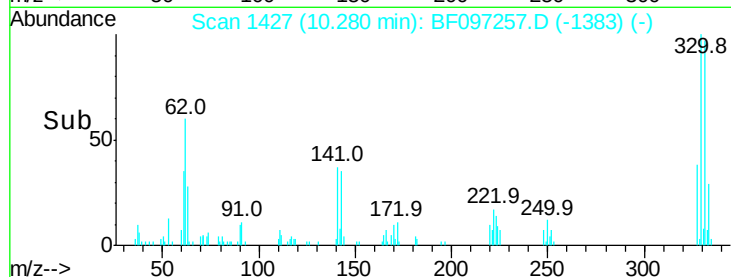
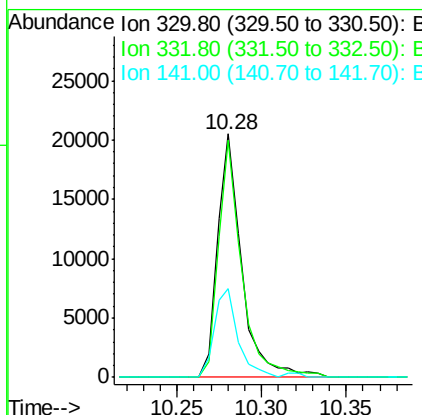
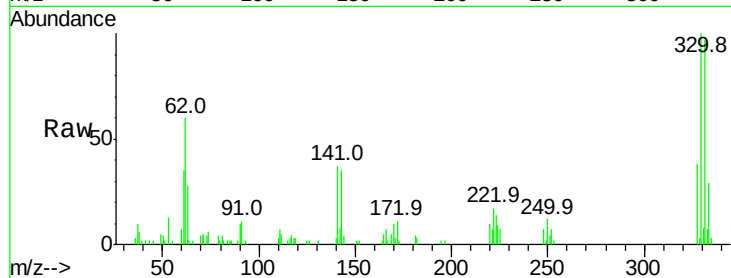




#41
 2,4,6-Tribromophenol
 Concen: 20.057 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF097257.D
 Acq: 2 Aug 2017 6:32

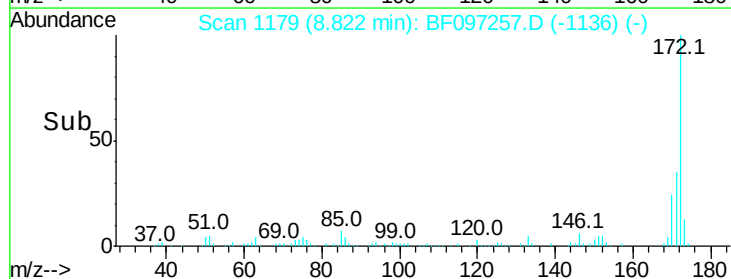
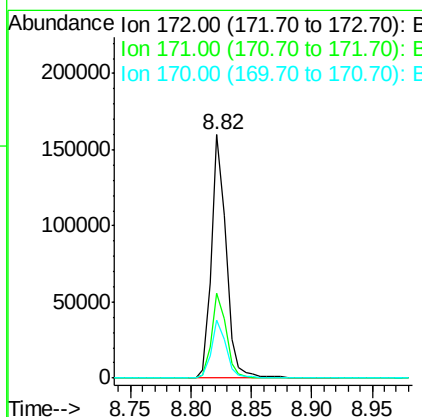
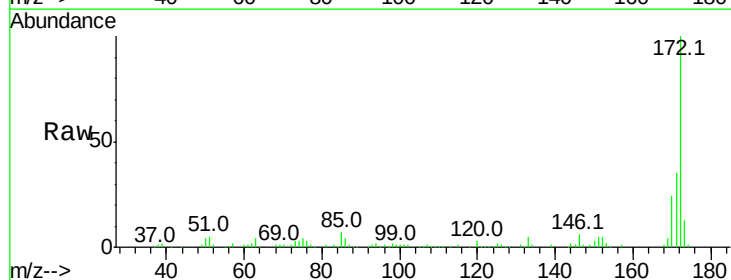
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-NSW

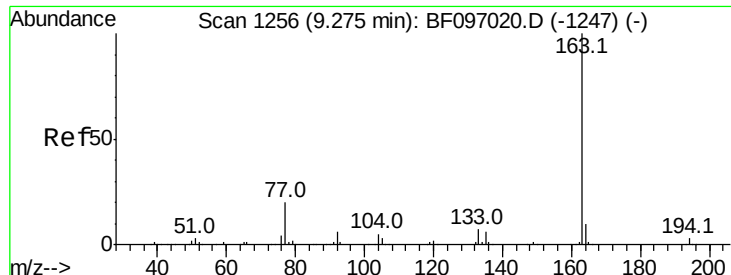
Tot Ion:330 Resp: 20511
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.6 115.0
 141 35.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 17.652 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF097257.D
 Acq: 2 Aug 2017 6:32

Tgt Ion:172 Resp: 134623
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 24.0 19.8 29.8

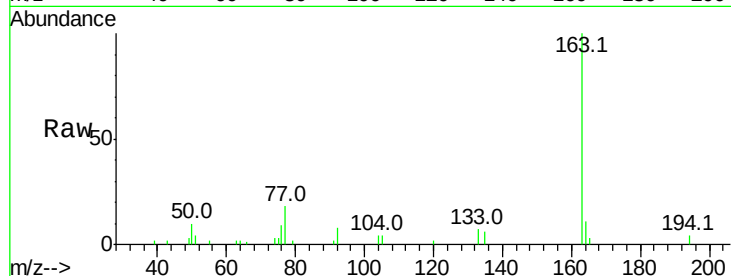




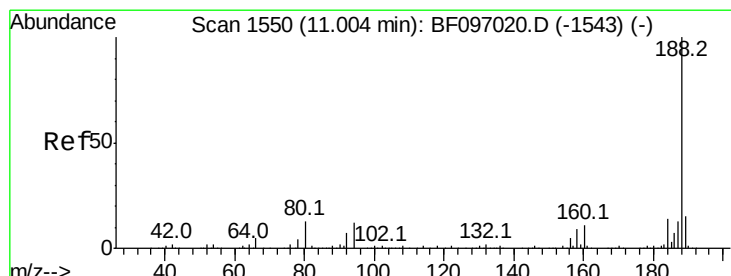
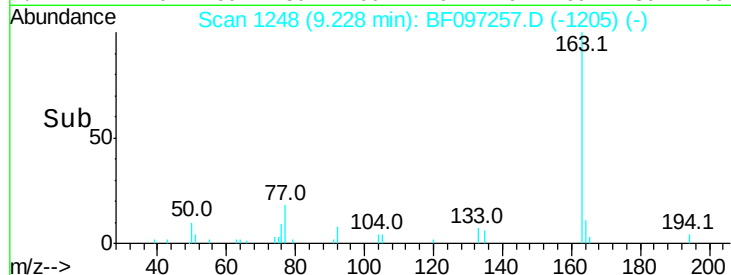
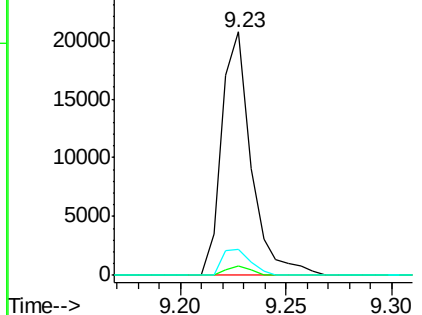
#49
Dimethylphthalate
Concen: 2.048 ng
RT: 9.23 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BF097257.D
Acq: 2 Aug 2017 6:32

Instrument :
BNA_F
ClientSampleId :
E2-HS7-NSW

Tot Ion:163 Resp: 20134
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0
164 10.7 8.4 12.6

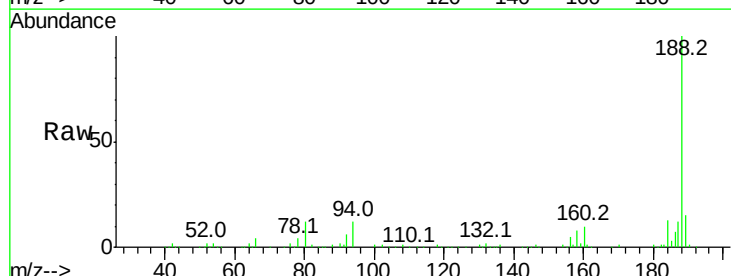


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

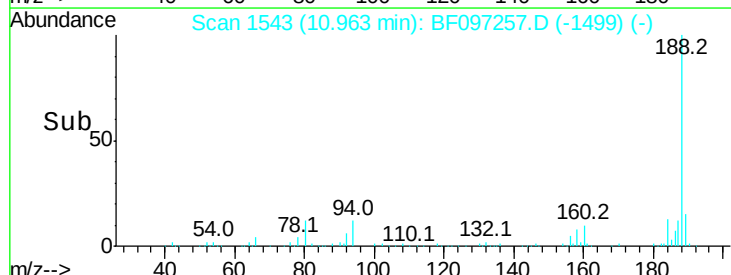
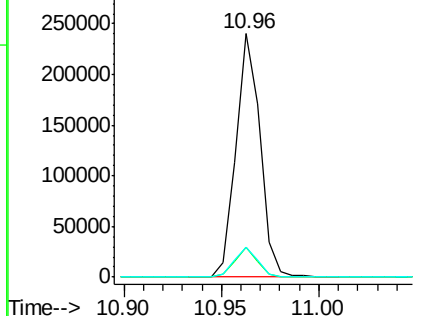


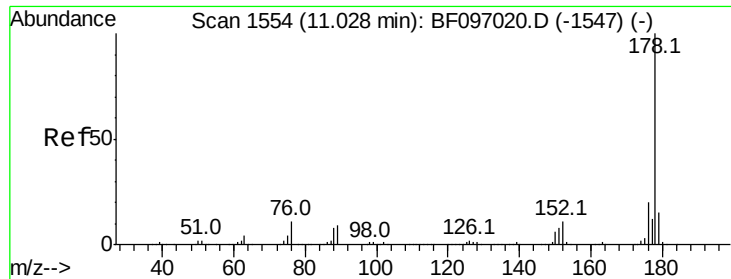
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF097257.D
Acq: 2 Aug 2017 6:32

Tgt Ion:188 Resp: 205722
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.3 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

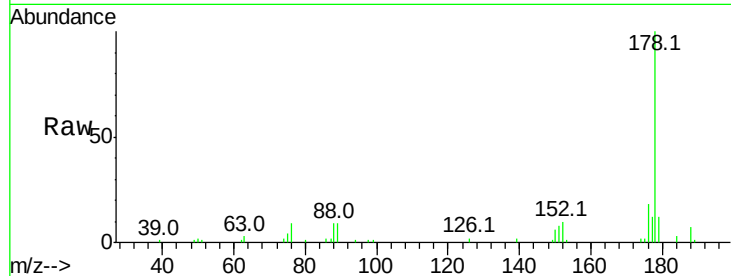




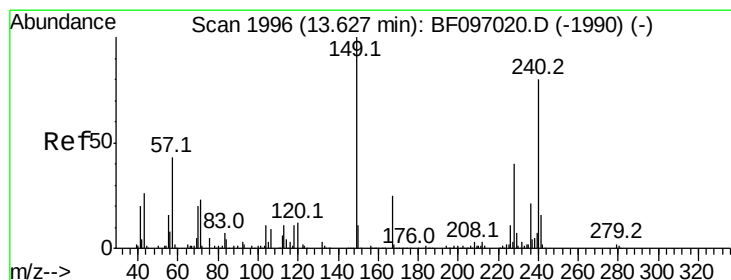
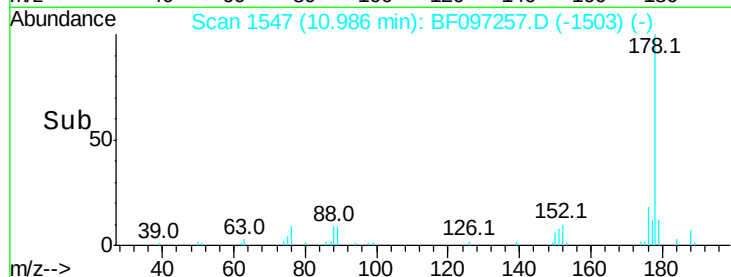
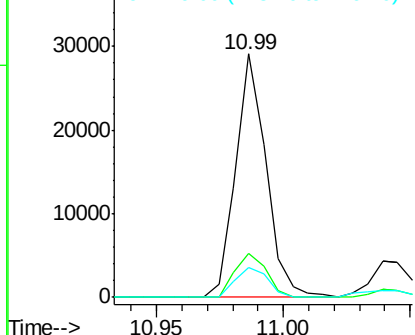
#70
Phenanthrene
Concen: 2.202 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.04 min
Lab File: BF097257.D
Acq: 2 Aug 2017 6:32

Instrument :
BNA_F
ClientSampleId :
E2-HS7-NSW

Tot Ion:178 Resp: 24270
Ion Ratio Lower Upper
178 100
176 18.3 16.2 24.4
179 12.5 12.6 19.0#

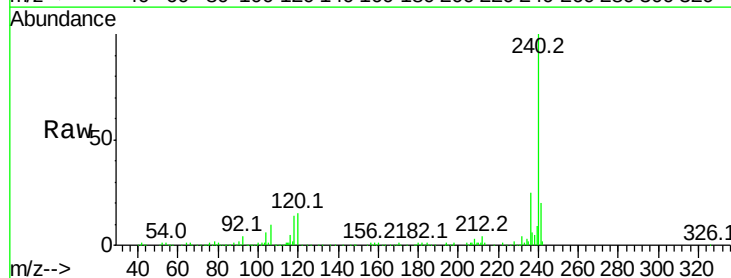


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

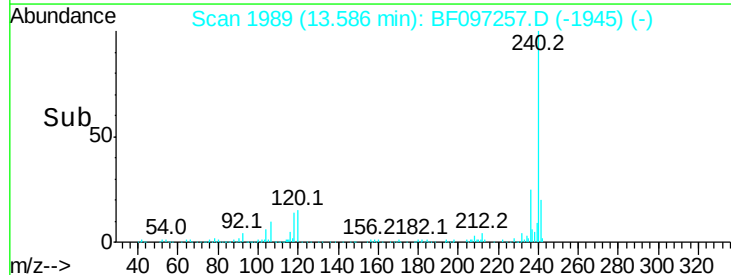
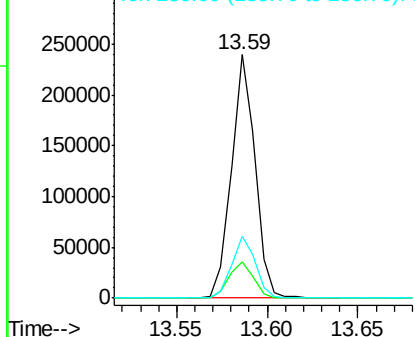


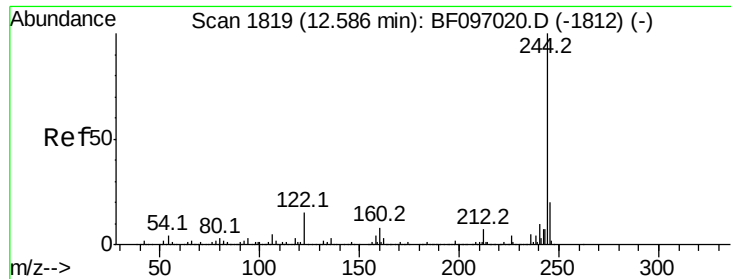
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.59 min Scan# 1989
Delta R.T. -0.04 min
Lab File: BF097257.D
Acq: 2 Aug 2017 6:32

Tgt Ion:240 Resp: 217639
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 25.5 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

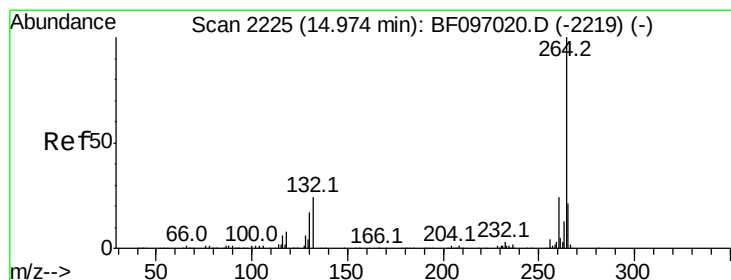
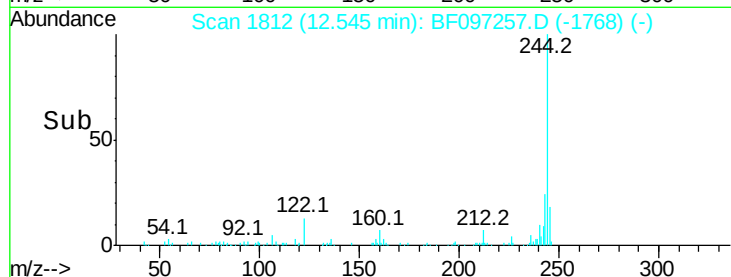
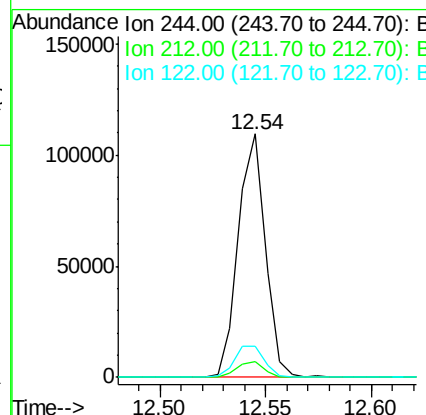
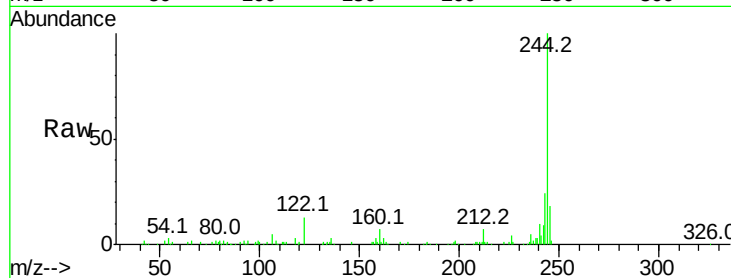




#78
 Terphenyl-d14
 Concen: 9.048 ng
 RT: 12.54 min Scan# 1812
 Delta R.T. -0.04 min
 Lab File: BF097257.D
 Acq: 2 Aug 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-NSW

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	12.8	10.3	15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.93 min Scan# 2218
 Delta R.T. -0.04 min
 Lab File: BF097257.D
 Acq: 2 Aug 2017 6:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	22.1	17.2	25.8

