

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097265.D
 Acq On : 2 Aug 2017 10:14
 Operator : SJ/JU
 Sample : I4493-02 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-BASE

Quant Time: Aug 02 11:51:21 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

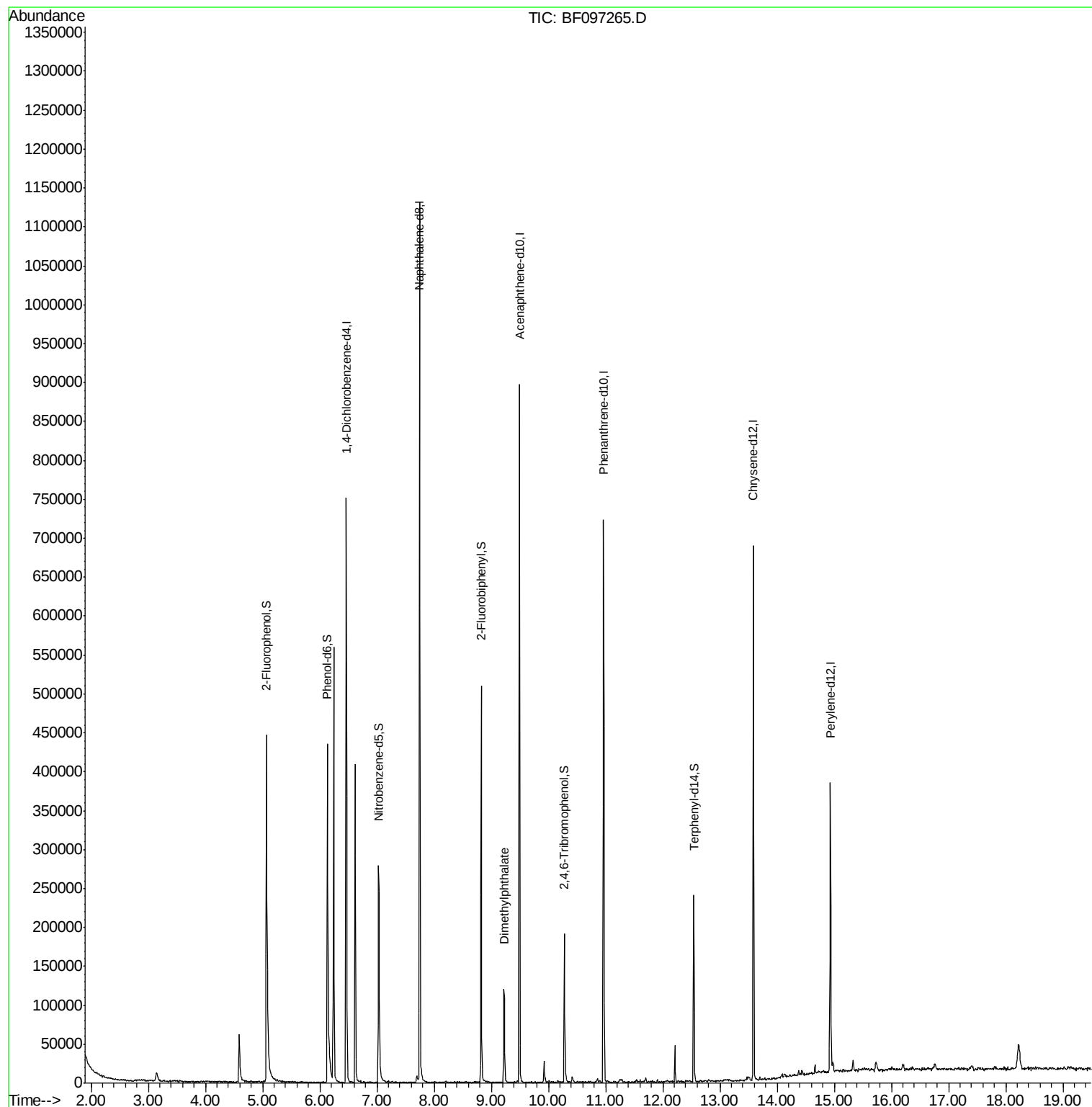
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	110498	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	472891	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	171589	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	235140	20.00	ng	0.00
75) Chrysene-d12	13.59	240	218128	20.00	ng	0.00
86) Perylene-d12	14.93	264	144703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	185805	25.35	ng	0.00
7) Phenol-d6	6.13	99	199790	23.88	ng	-0.01
23) Nitrobenzene-d5	7.03	82	99866	12.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	20940	15.45	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	143469	14.19	ng	-0.01
78) Terphenyl-d14	12.54	244	71945	6.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.23	163	54610	4.191	ng	Qvalue 98

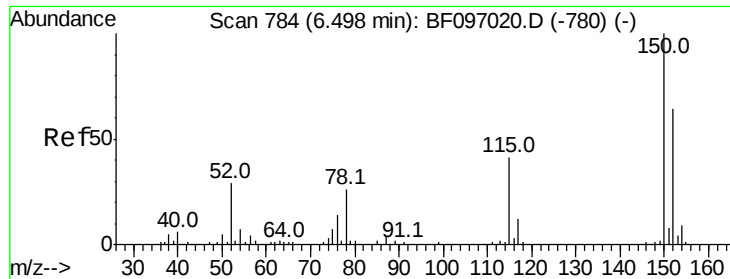
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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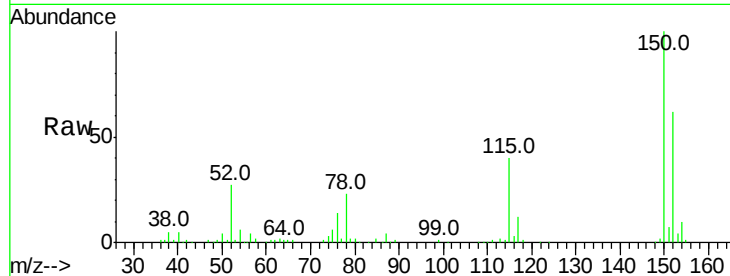


#1

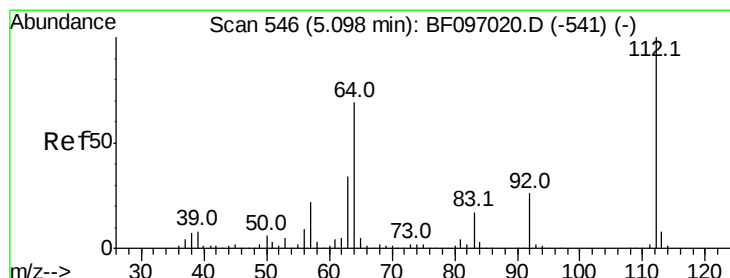
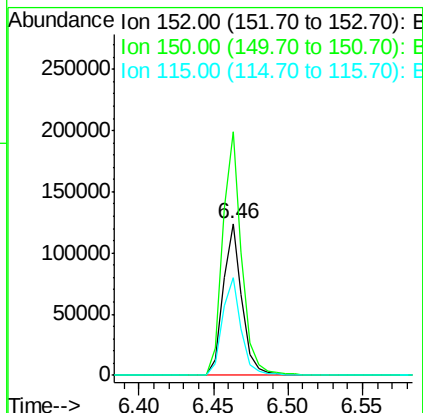
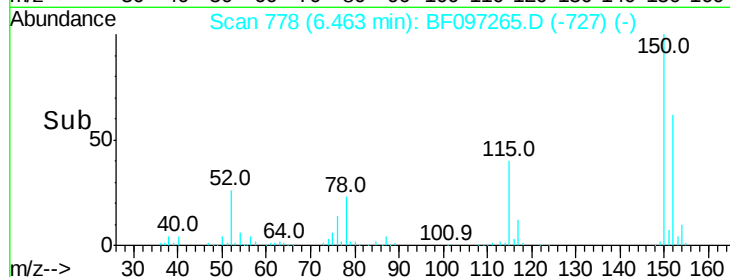
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF097265.D
Acq: 2 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-HS6-BASE

Tot Ion:152 Resp: 110498
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 64.3 52.2 78.2



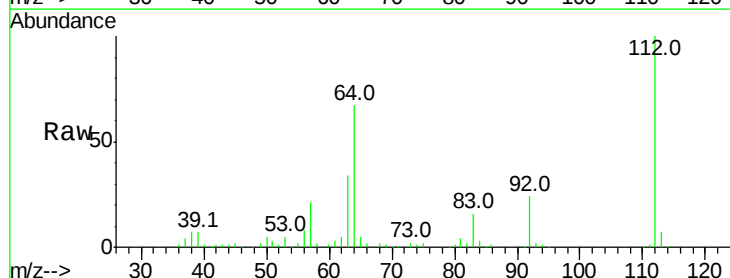
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



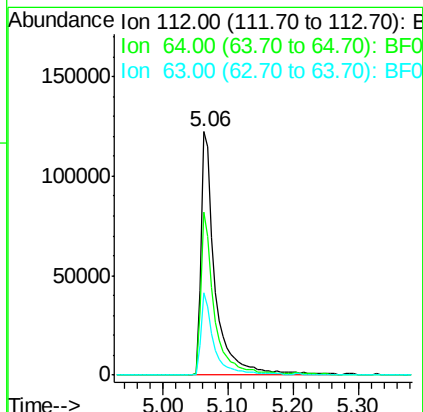
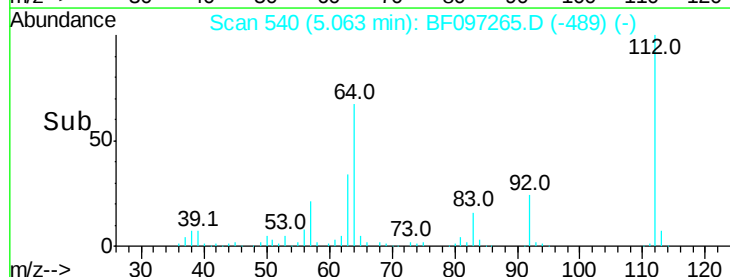
#5

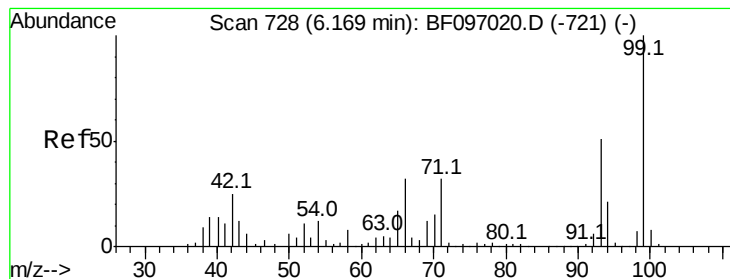
2-Fluorophenol
Concen: 25.349 ng
RT: 5.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF097265.D
Acq: 2 Aug 2017 10:14

Tgt Ion:112 Resp: 185805
Ion Ratio Lower Upper
112 100
64 66.8 46.0 69.0
63 33.8 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: 23.875 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF097265.D

Acq: 2 Aug 2017 10:14

Instrument :

BNA_F

ClientSampleId :

E2-HS6-BASE

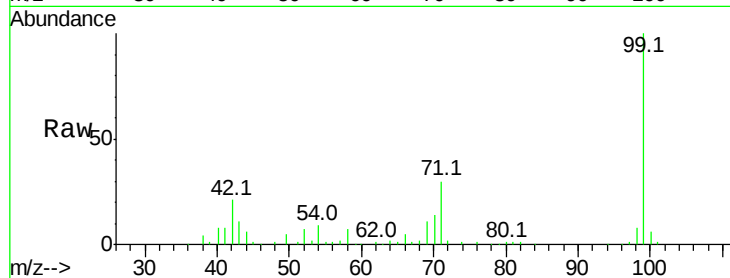
Tot Ion: 99 Resp: 199790

Ion Ratio Lower Upper

99 100

42 20.9 13.5 20.3#

71 30.2 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

6.13

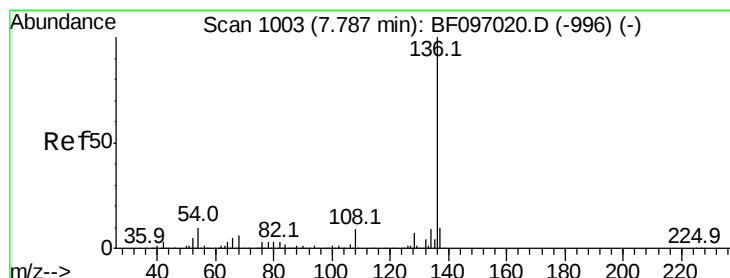
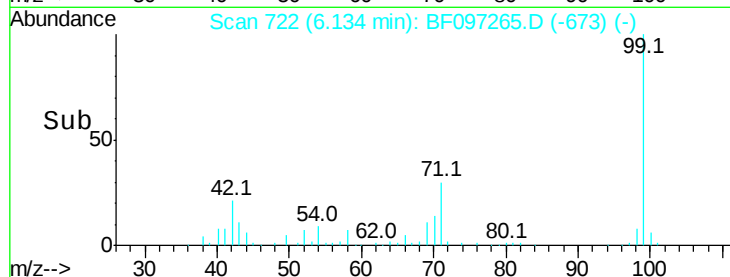
150000

100000

50000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF097265.D

Acq: 2 Aug 2017 10:14

Tgt Ion: 136 Resp: 472891

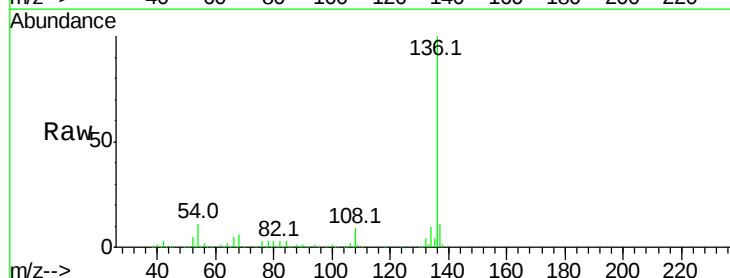
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.9 4.9 7.3#

68 6.3 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

7.75

800000

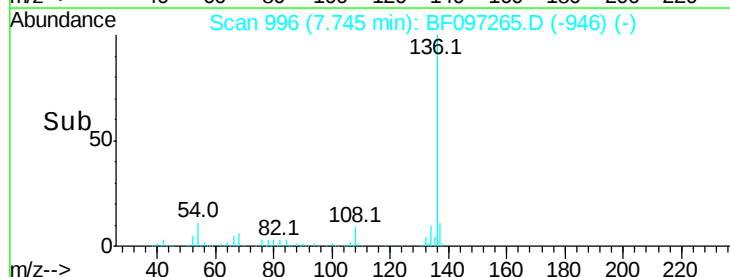
600000

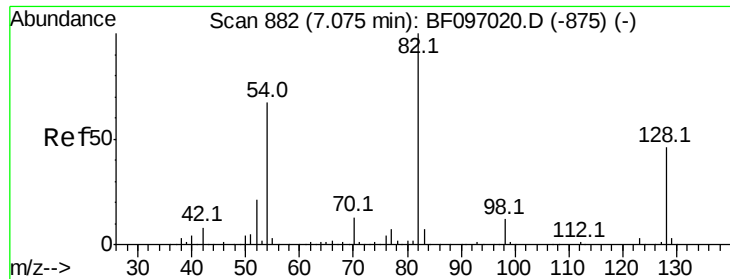
400000

200000

0

Time-->

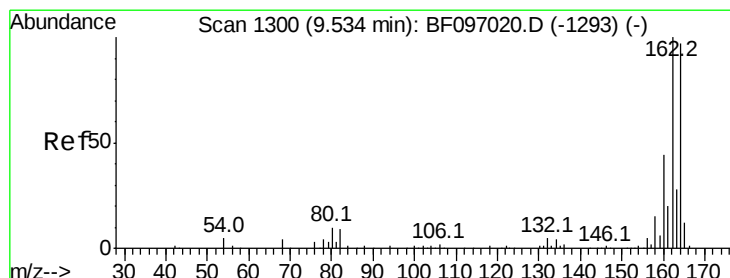
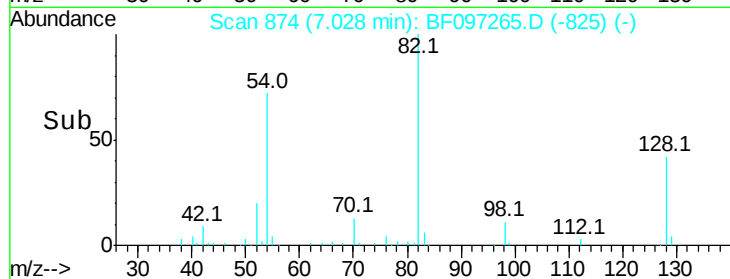
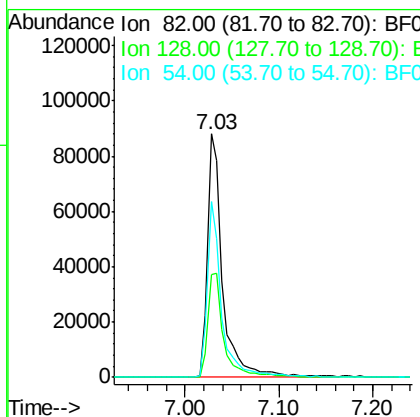
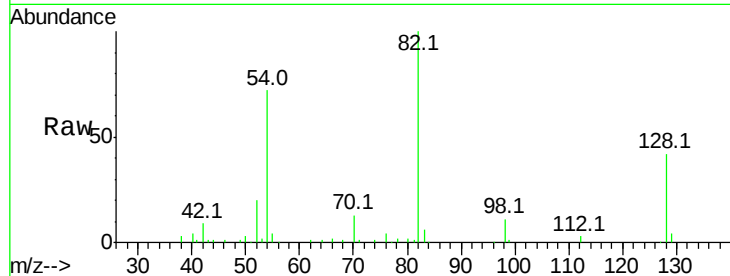




#23
 Nitrobenzene-d5
 Concen: 12.389 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF097265.D
 Acq: 2 Aug 2017 10:14

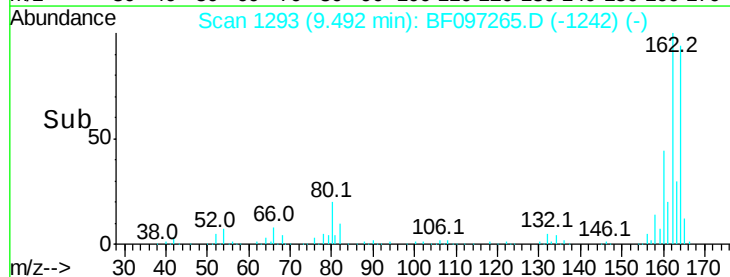
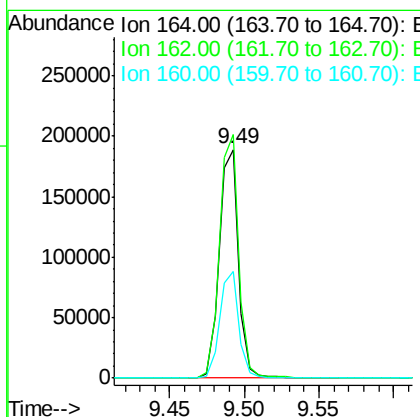
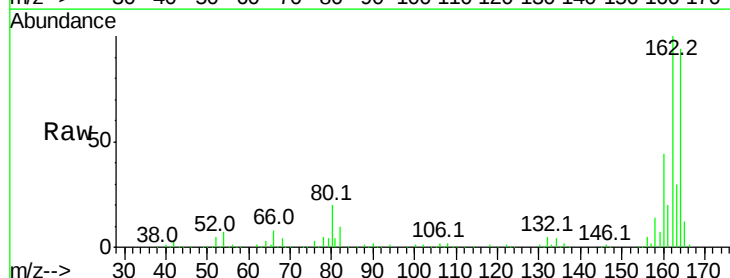
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-BASE

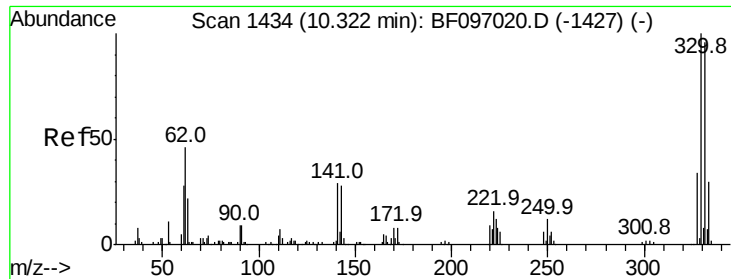
Tot Ion: 82 Resp: 99866
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.0 51.0
 54 72.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF097265.D
 Acq: 2 Aug 2017 10:14

Tgt Ion: 164 Resp: 171589
 Ion Ratio Lower Upper
 164 100
 162 106.5 82.6 123.8
 160 46.9 36.2 54.2

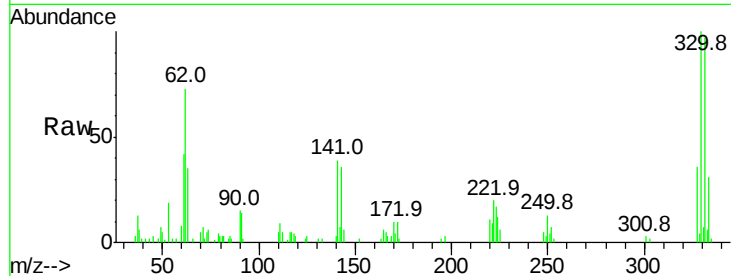




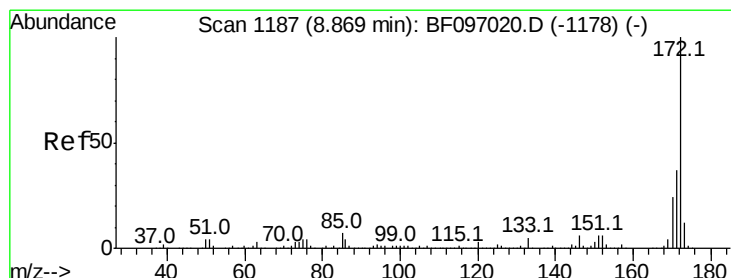
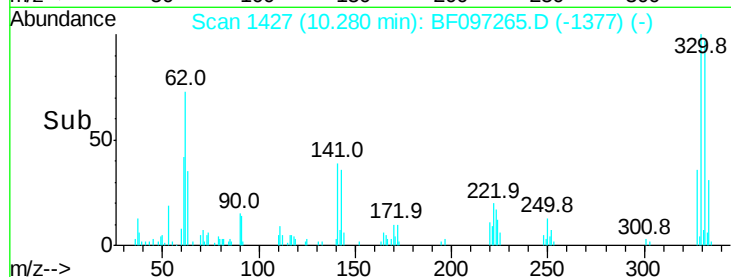
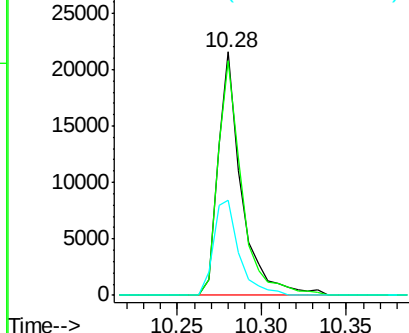
#41
 2,4,6-Tribromophenol
 Concen: 15.446 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097265.D
 Acq: 2 Aug 2017 10:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-BASE

Tot Ion:330 Resp: 20940
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 115.0
 141 42.7 31.4 47.2

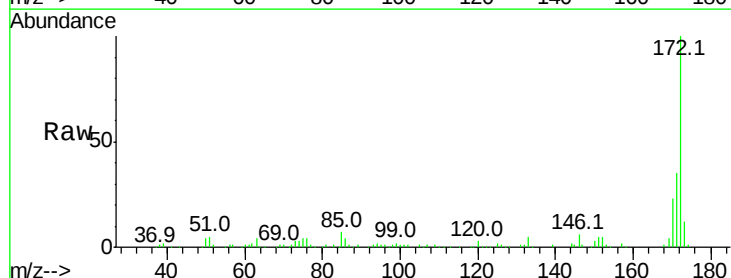


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

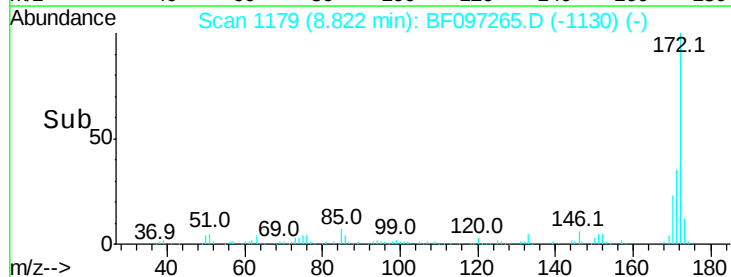
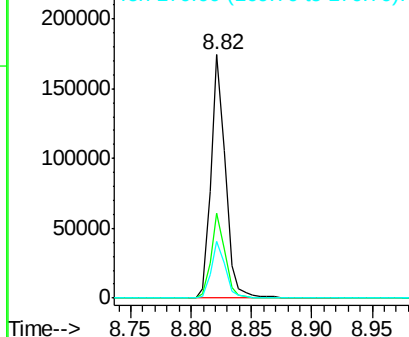


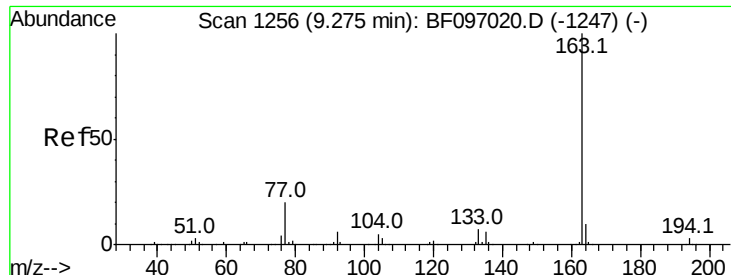
#44
 2-Fluorobiphenyl
 Concen: 14.190 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF097265.D
 Acq: 2 Aug 2017 10:14

Tgt Ion:172 Resp: 143469
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.6 44.4
 170 23.3 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

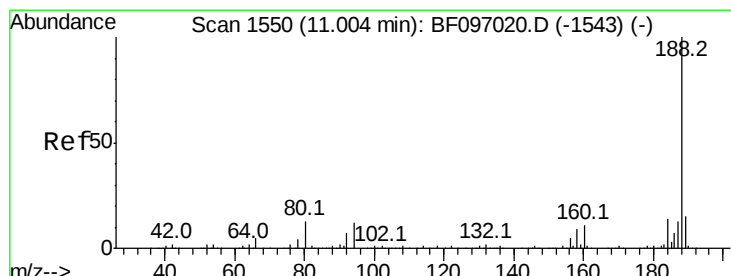
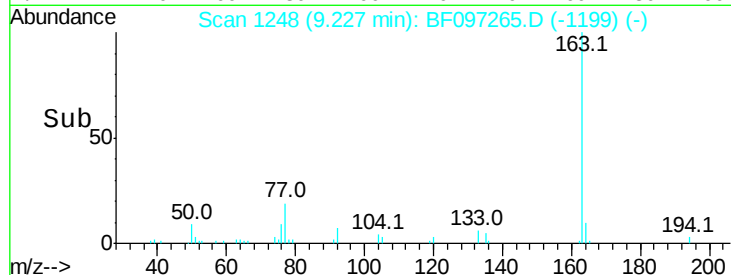
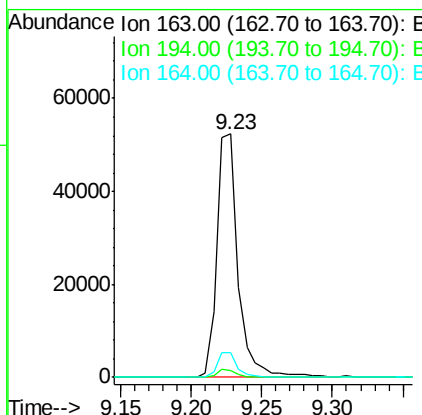
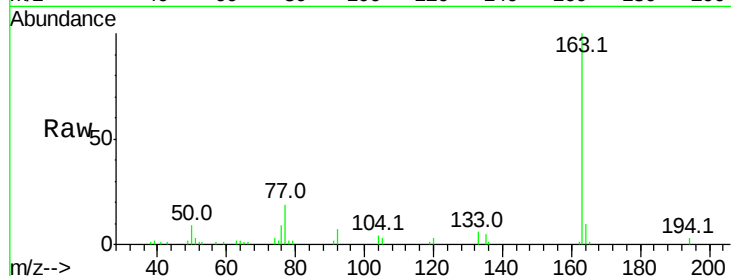




#49
Dimethylphthalate
Concen: 4.191 ng
RT: 9.23 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF097265.D
Acq: 2 Aug 2017 10:14

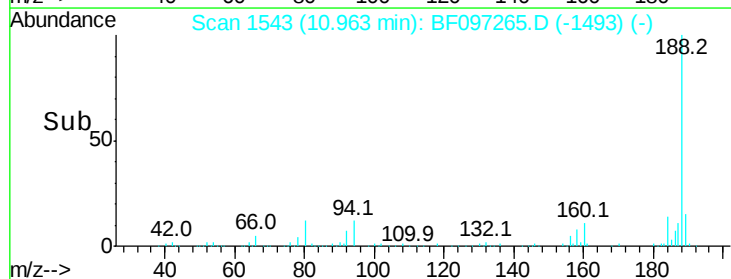
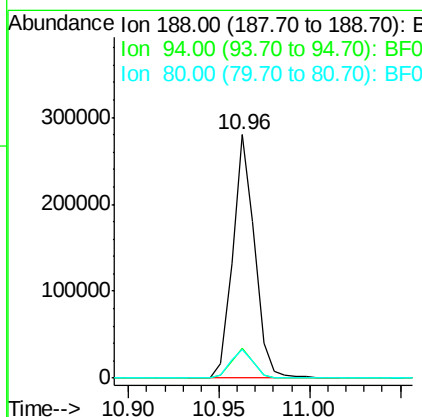
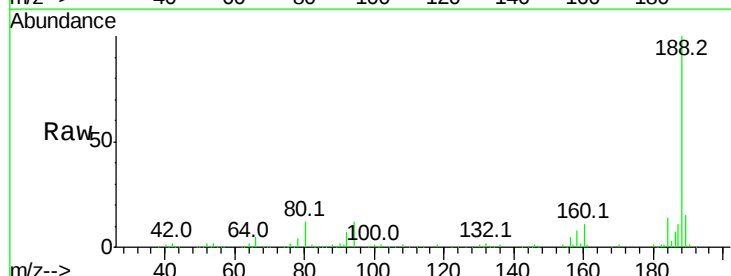
Instrument :
BNA_F
ClientSampleId :
E2-HS6-BASE

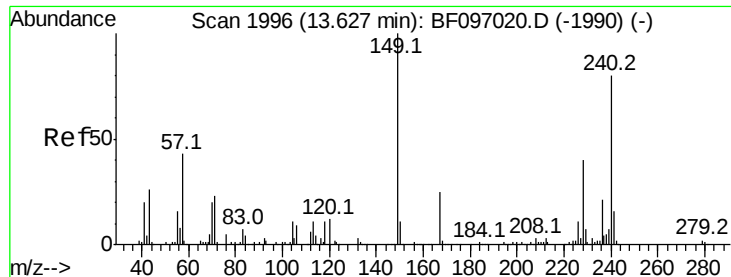
Tot Ion:163 Resp: 54610
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 9.9 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF097265.D
Acq: 2 Aug 2017 10:14

Tgt Ion:188 Resp: 235140
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 11.8 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.59 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF097265.D

Acq: 2 Aug 2017 10:14

Instrument :

BNA_F

ClientSampleId :

E2-HS6-BASE

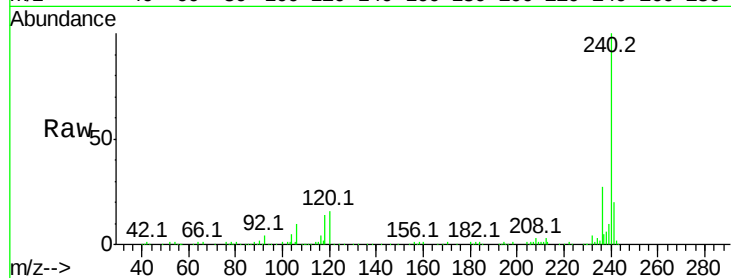
Tot Ion:240 Resp: 218128

Ion Ratio Lower Upper

240 100

120 16.2 5.8 8.8#

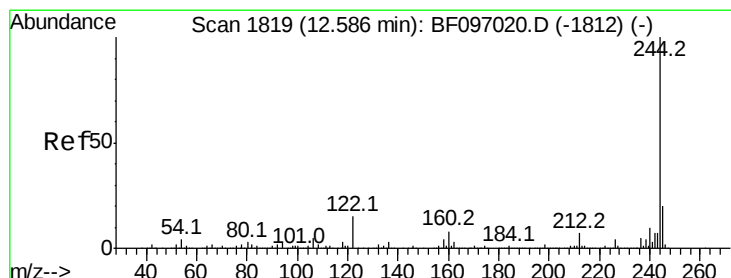
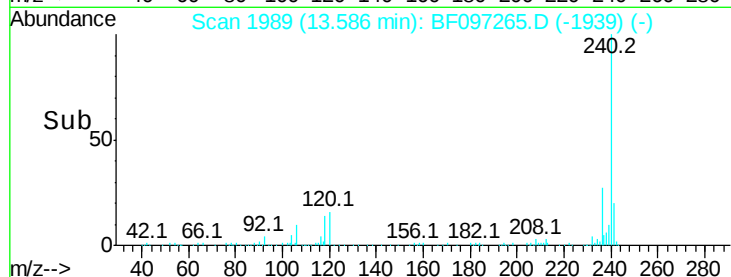
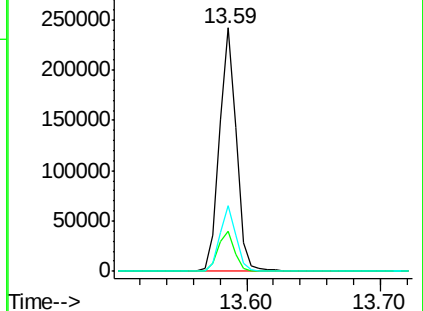
236 26.9 20.5 30.7



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: 6.725 ng

RT: 12.54 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF097265.D

Acq: 2 Aug 2017 10:14

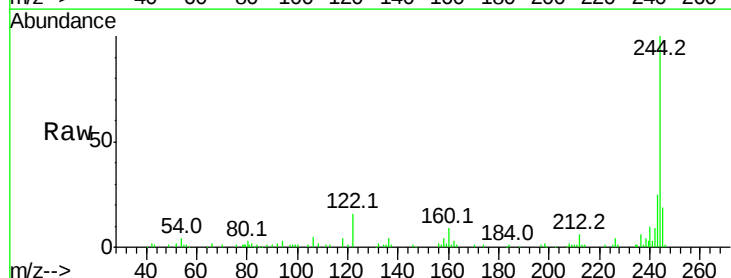
Tgt Ion:244 Resp: 71945

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

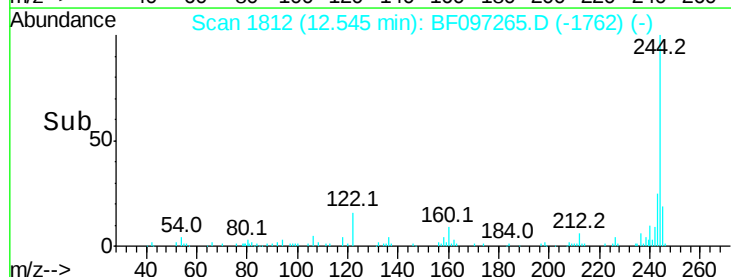
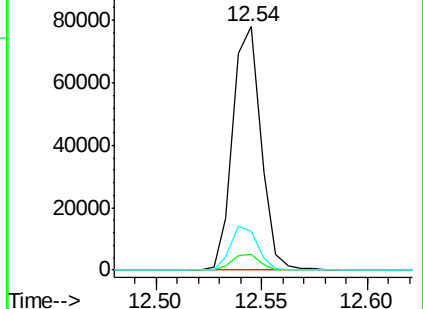
122 16.0 10.3 15.5#

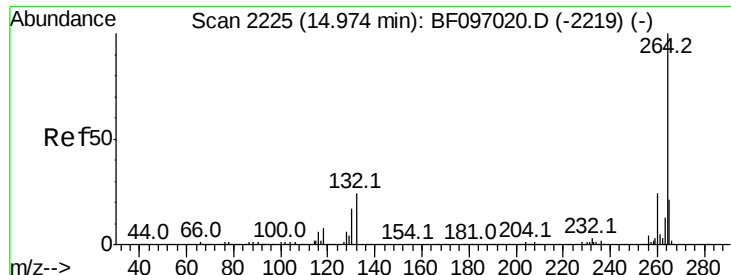


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

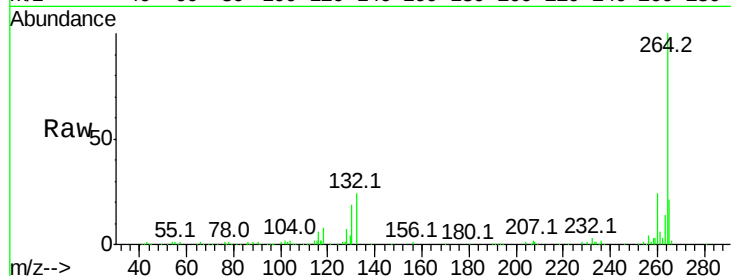




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.93 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BF097265.D
 Acq: 2 Aug 2017 10:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-BASE

Tot Ion:	264	Resp:	144703
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.2	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

