

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097315.D
 Acq On : 3 Aug 2017 12:26
 Operator : SJ/JU
 Sample : I4527-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-ESW

Quant Time: Aug 03 13:28:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 12:06:13 2017
 Response via : Initial Calibration

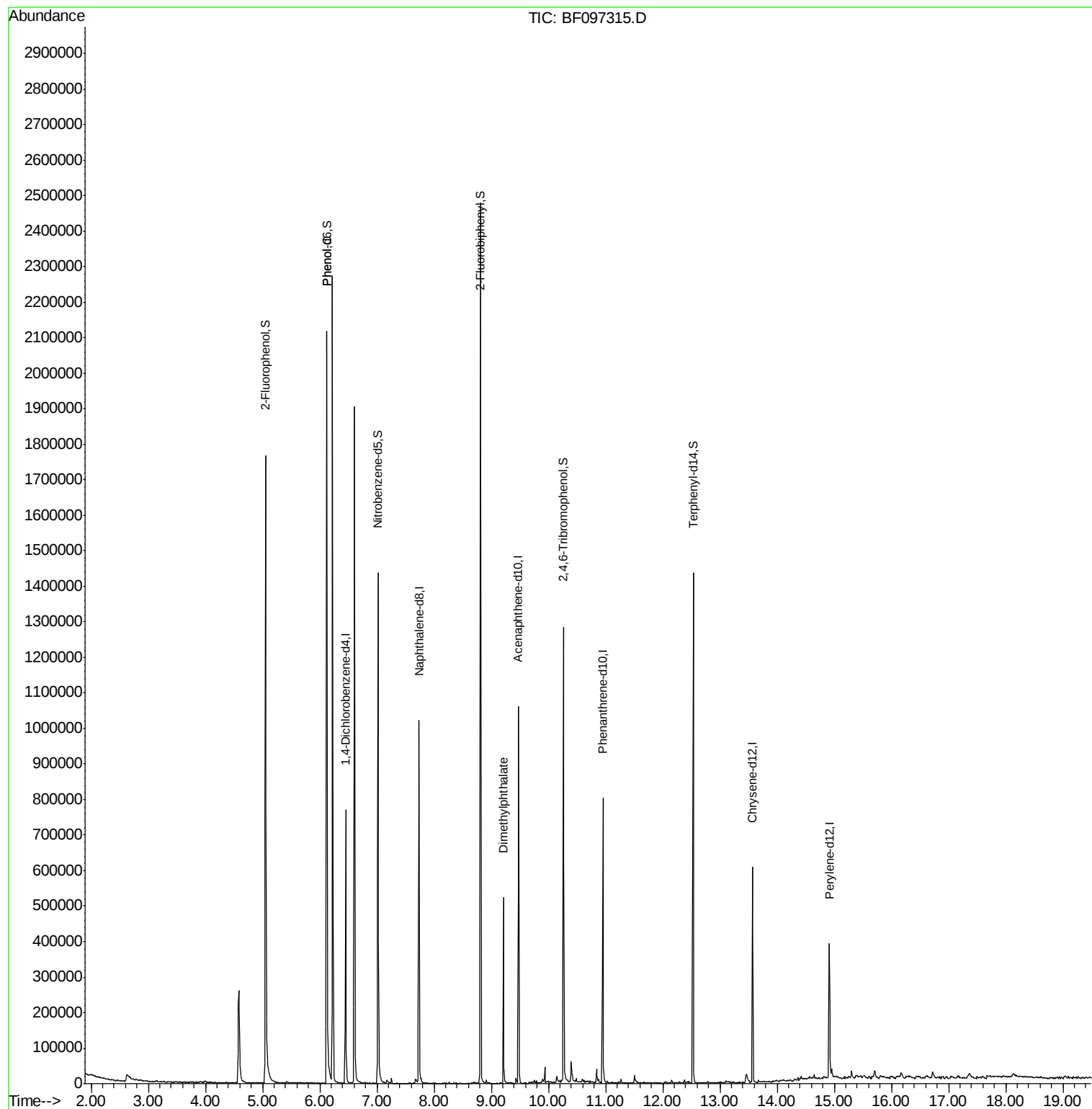
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	117454	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	448665	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	195955	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	301927	20.00	ng	0.00
75) Chrysene-d12	13.57	240	200338	20.00	ng	-0.01
86) Perylene-d12	14.92	264	157025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	606707	77.87	ng	0.00
7) Phenol-d6	6.12	99	764938	86.00	ng	0.00
23) Nitrobenzene-d5	7.02	82	450707	58.93	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	133888	86.48	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	758787	65.72	ng	0.00
78) Terphenyl-d14	12.53	244	466037	47.43	ng	0.00
Target Compounds						
10) Phenol	6.13	94	37156	3.522	ng	77
49) Dimethylphthalate	9.21	163	193394	12.996	ng	98

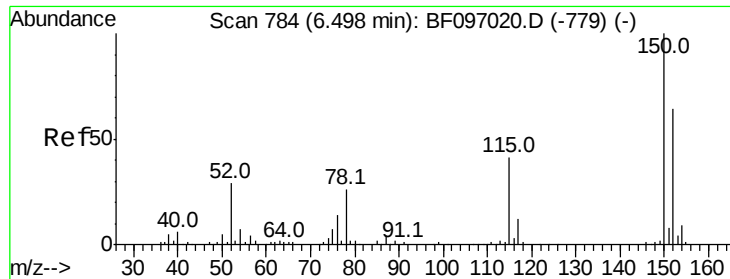
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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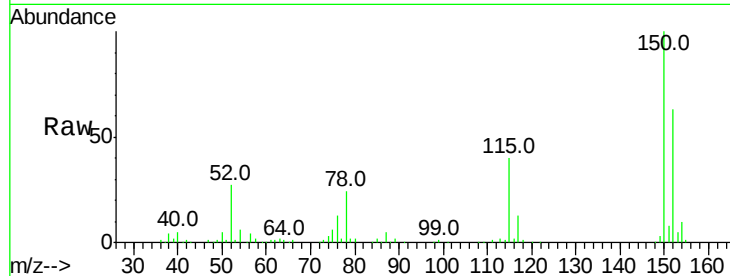


#1

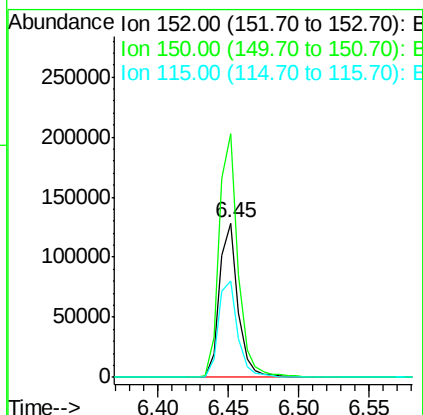
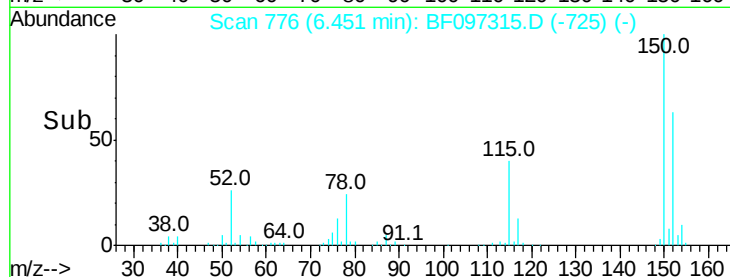
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF097315.D
Acq: 3 Aug 2017 12:26

Instrument :
BNA_F
ClientSampleId :
E2-HS7-ESW

Tot Ion:152 Resp: 117454
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 62.6 52.2 78.2



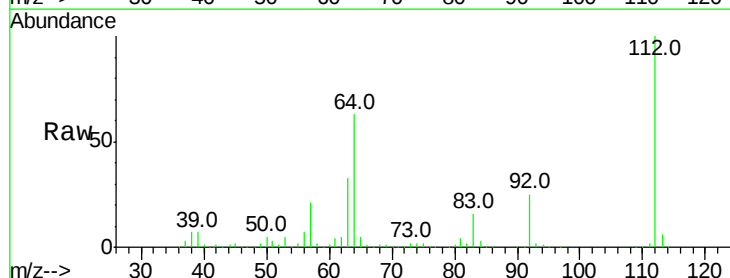
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



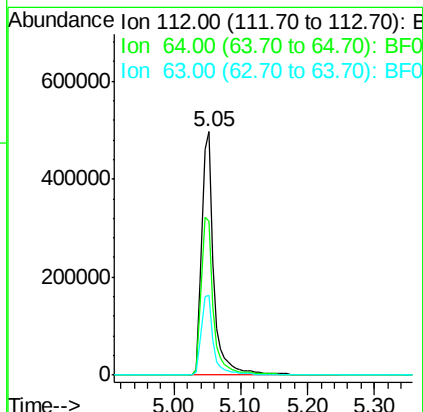
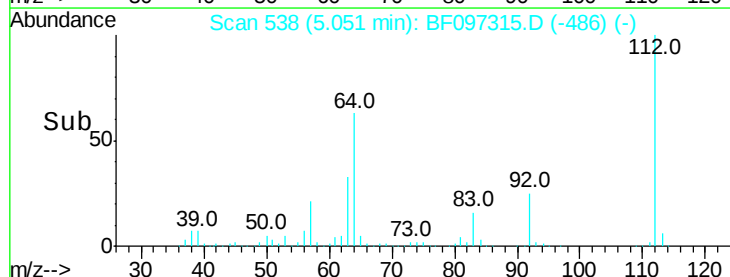
#5

2-Fluorophenol
Concen: 77.869 ng
RT: 5.05 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF097315.D
Acq: 3 Aug 2017 12:26

Tgt Ion:112 Resp: 606707
Ion Ratio Lower Upper
112 100
64 63.4 46.0 69.0
63 32.9 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: 85.999 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF097315.D

Acq: 3 Aug 2017 12:26

Instrument :

BNA_F

ClientSampleId :

E2-HS7-ESW

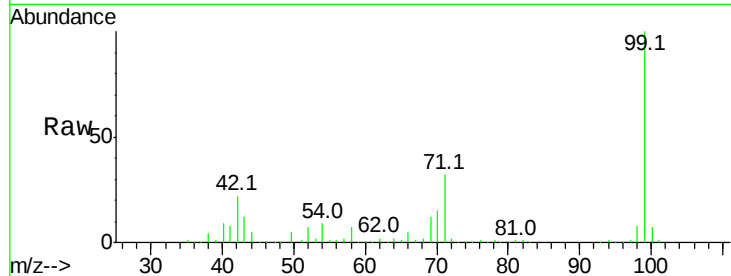
Tot Ion: 99 Resp: 764938

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

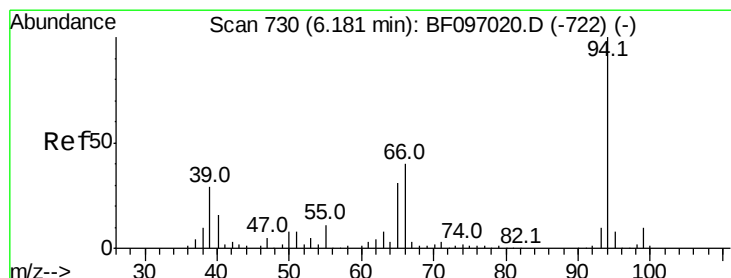
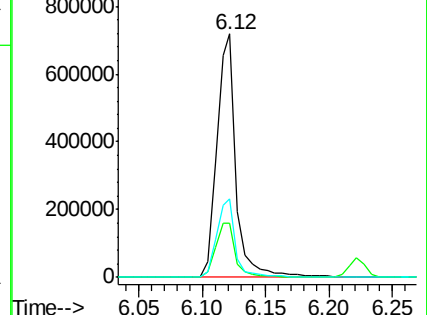
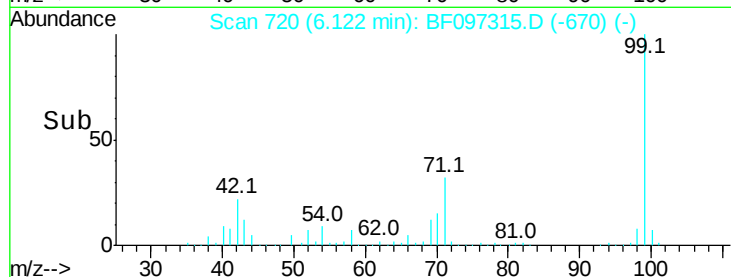
71 32.0 24.5 36.7



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



#10

Phenol

Concen: 3.522 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF097315.D

Acq: 3 Aug 2017 12:26

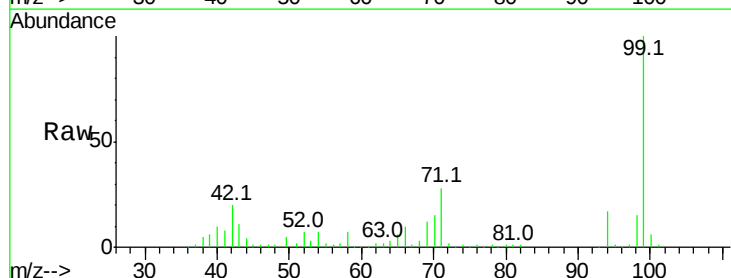
Tgt Ion: 94 Resp: 37156

Ion Ratio Lower Upper

94 100

65 37.6 9.9 49.9

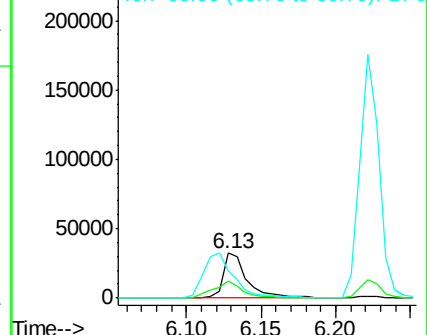
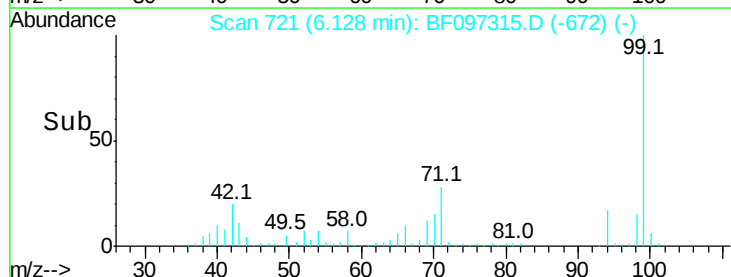
66 61.8 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF097315.D

Acq: 3 Aug 2017 12:26

Instrument :

BNA_F

ClientSampleId :

E2-HS7-ESW

Tot Ion:136 Resp: 448665

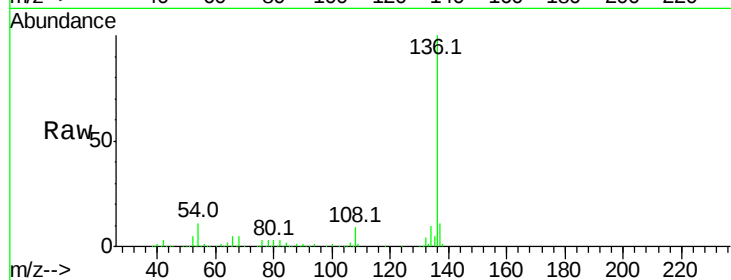
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.5 4.9 7.3#

68 5.3 4.1 6.1

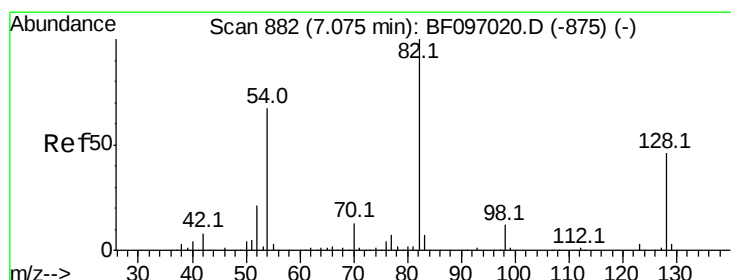
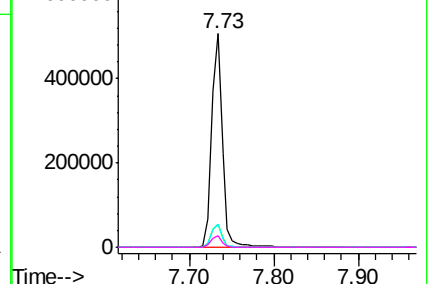
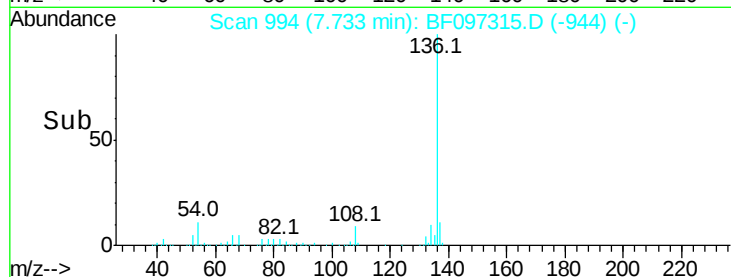


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 58.931 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF097315.D

Acq: 3 Aug 2017 12:26

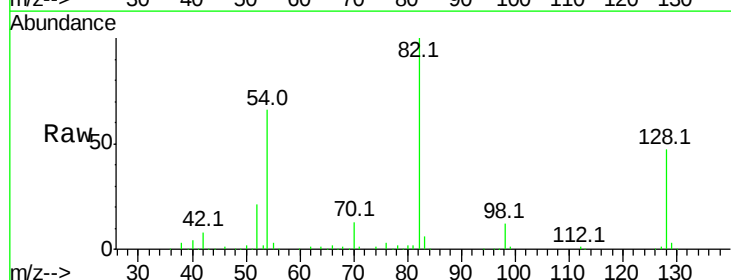
Tgt Ion: 82 Resp: 450707

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

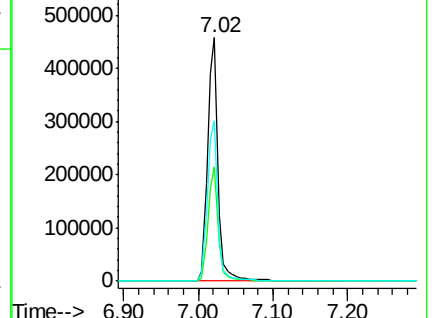
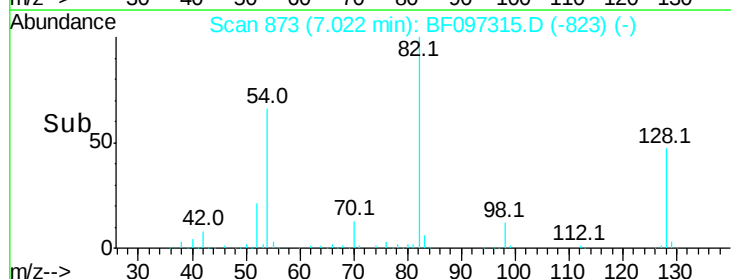
54 65.7 42.2 63.2#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.47 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF097315.D

Acq: 3 Aug 2017 12:26

Instrument :

BNA_F

ClientSampleId :

E2-HS7-ESW

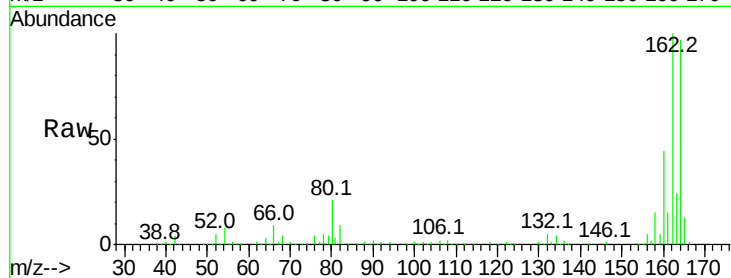
Tot Ion:164 Resp: 195955

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

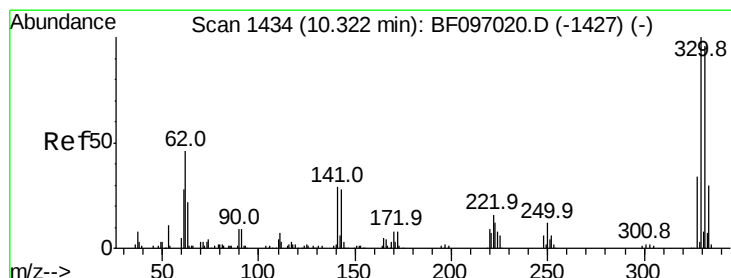
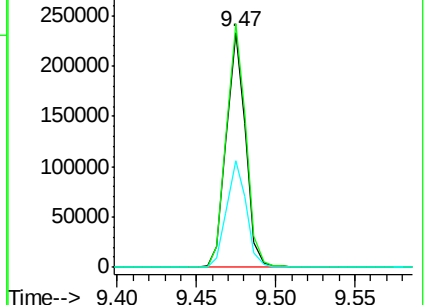
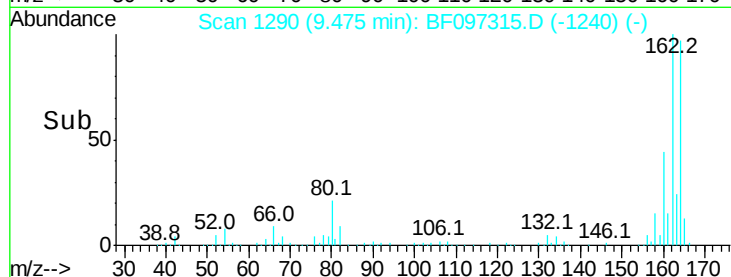
160 45.5 36.2 54.2



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: 86.478 ng

RT: 10.26 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF097315.D

Acq: 3 Aug 2017 12:26

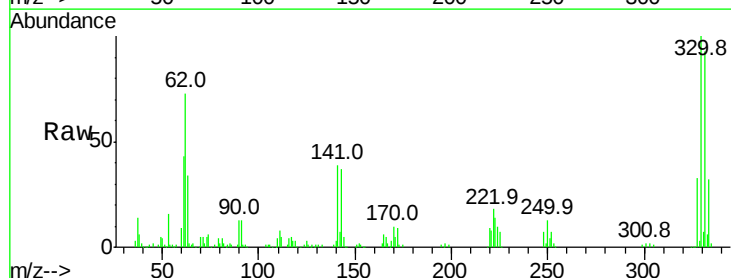
Tgt Ion:330 Resp: 133888

Ion Ratio Lower Upper

330 100

332 95.0 76.6 115.0

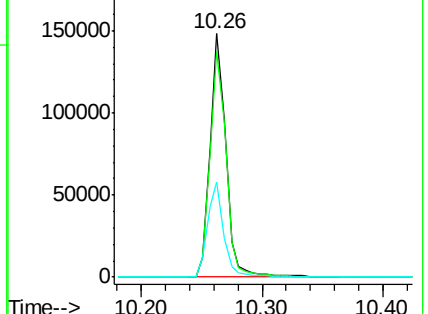
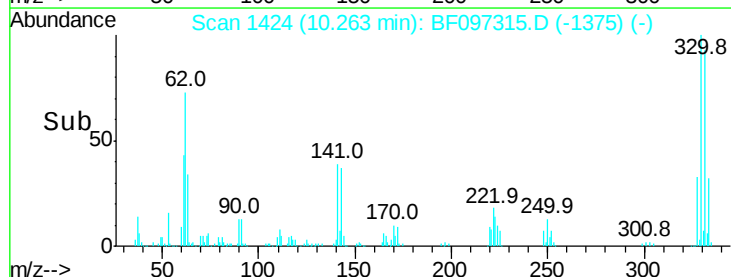
141 40.1 31.4 47.2



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

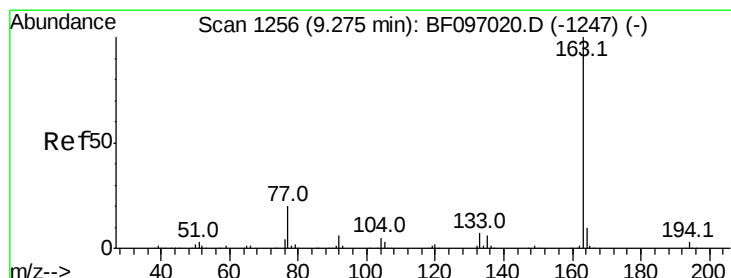
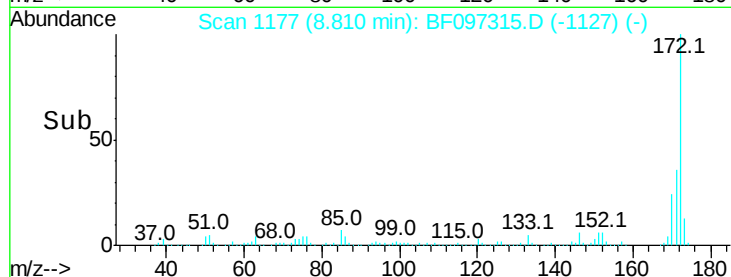
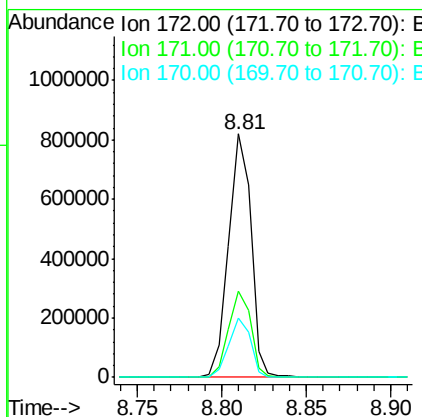
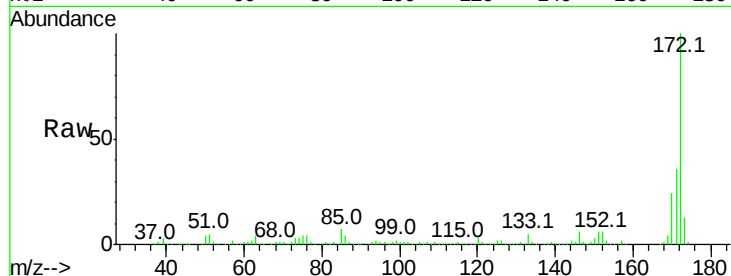




#44
 2-Fluorobiphenyl
 Concen: 65.716 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF097315.D
 Acq: 3 Aug 2017 12:26

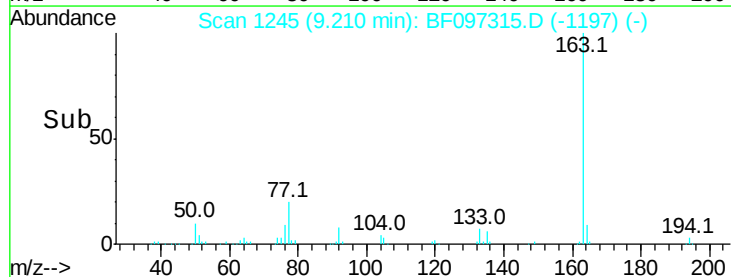
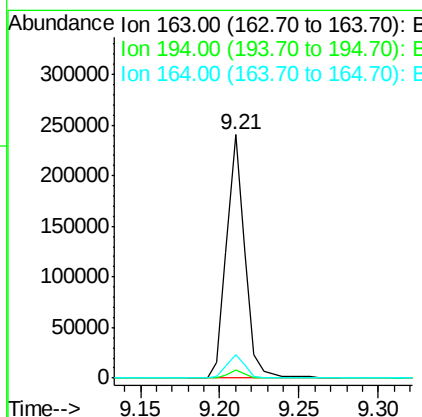
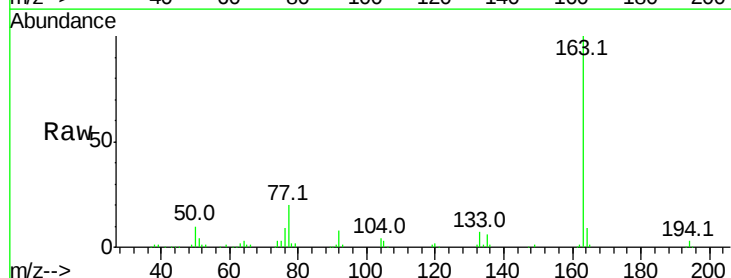
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-ESW

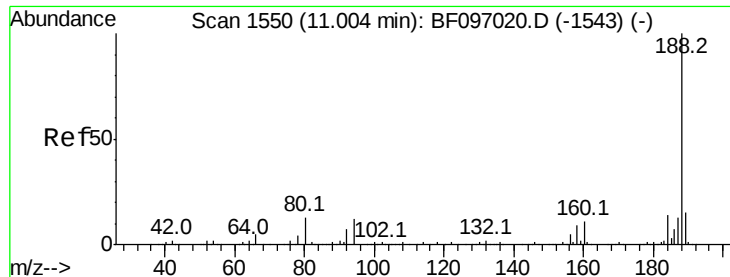
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.1	19.8	29.8



#49
 Dimethylphthalate
 Concen: 12.996 ng
 RT: 9.21 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF097315.D
 Acq: 3 Aug 2017 12:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.5	8.4	12.6

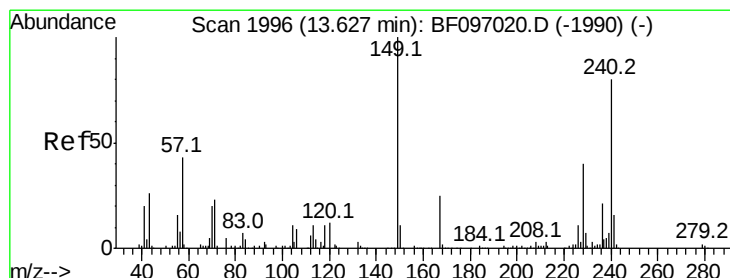
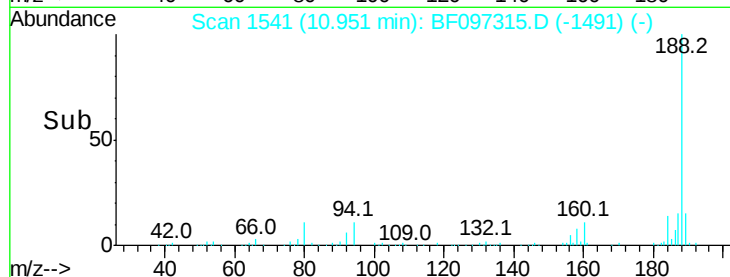
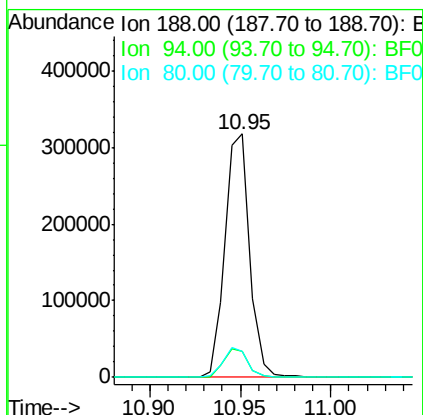
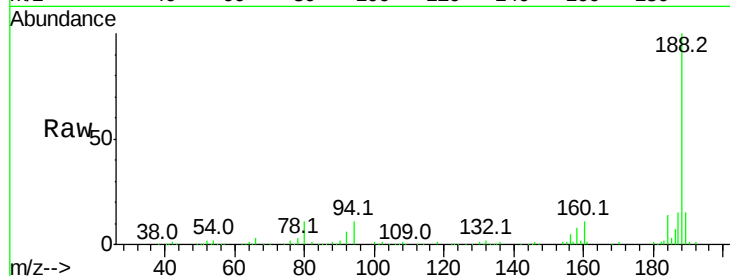




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF097315.D
Acq: 3 Aug 2017 12:26

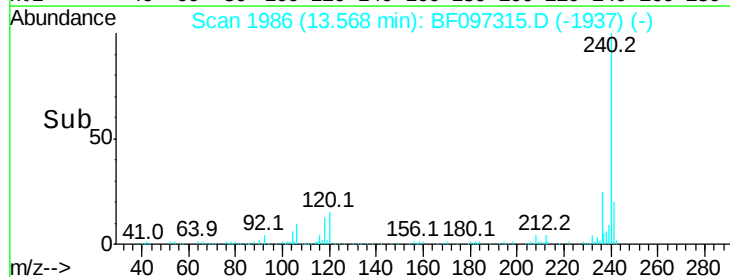
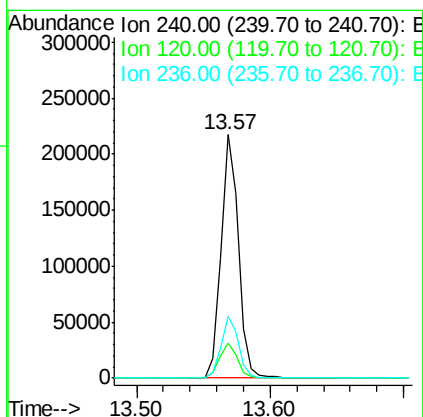
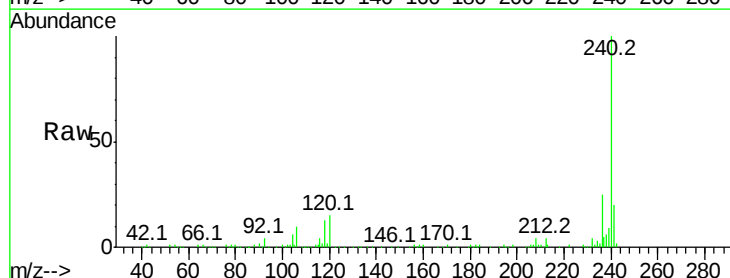
Instrument :
BNA_F
ClientSampleId :
E2-HS7-ESW

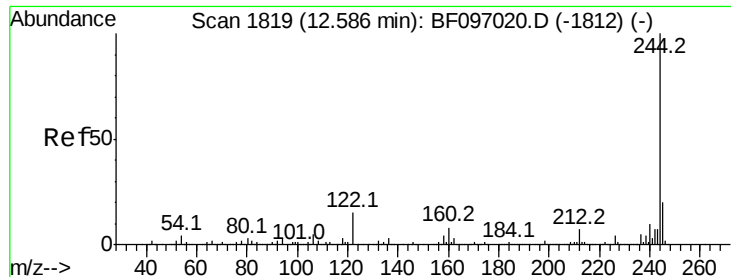
Tot Ion:188 Resp: 301927
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF097315.D
Acq: 3 Aug 2017 12:26

Tgt Ion:240 Resp: 200338
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 25.5 20.5 30.7





#78

Terphenyl-d14

Concen: 47.429 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097315.D

Acq: 3 Aug 2017 12:26

Instrument :

BNA_F

ClientSampleId :

E2-HS7-ESW

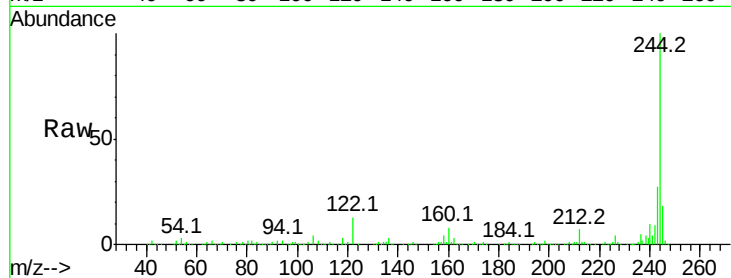
Tot Ion:244 Resp: 466037

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 13.0 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

12.53

400000

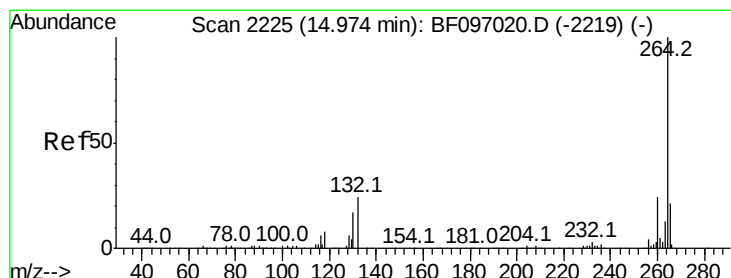
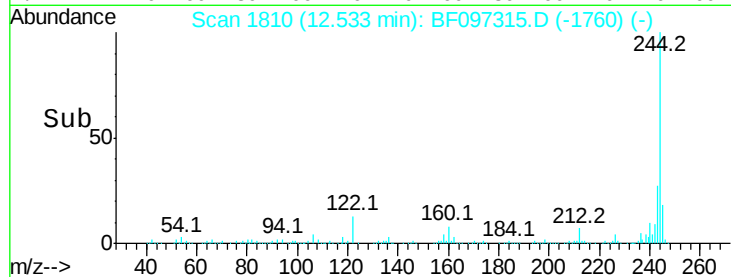
300000

200000

100000

0

Time--> 12.45 12.50 12.55 12.60



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.92 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BF097315.D

Acq: 3 Aug 2017 12:26

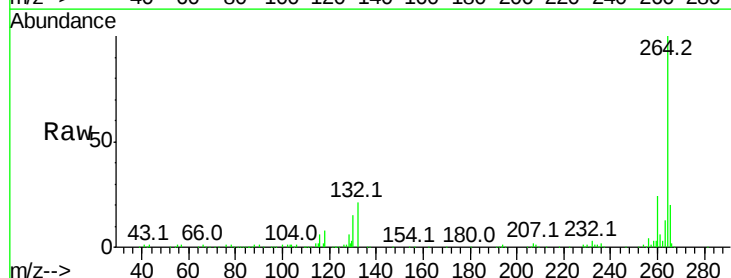
Tgt Ion:264 Resp: 157025

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 20.1 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

14.92

150000

100000

50000

0

Time--> 14.90 15.00

