

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097302.D
 Acq On : 3 Aug 2017 6:26
 Operator : SJ/JU
 Sample : I4537-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-1-A

Quant Time: Aug 03 06:55:14 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

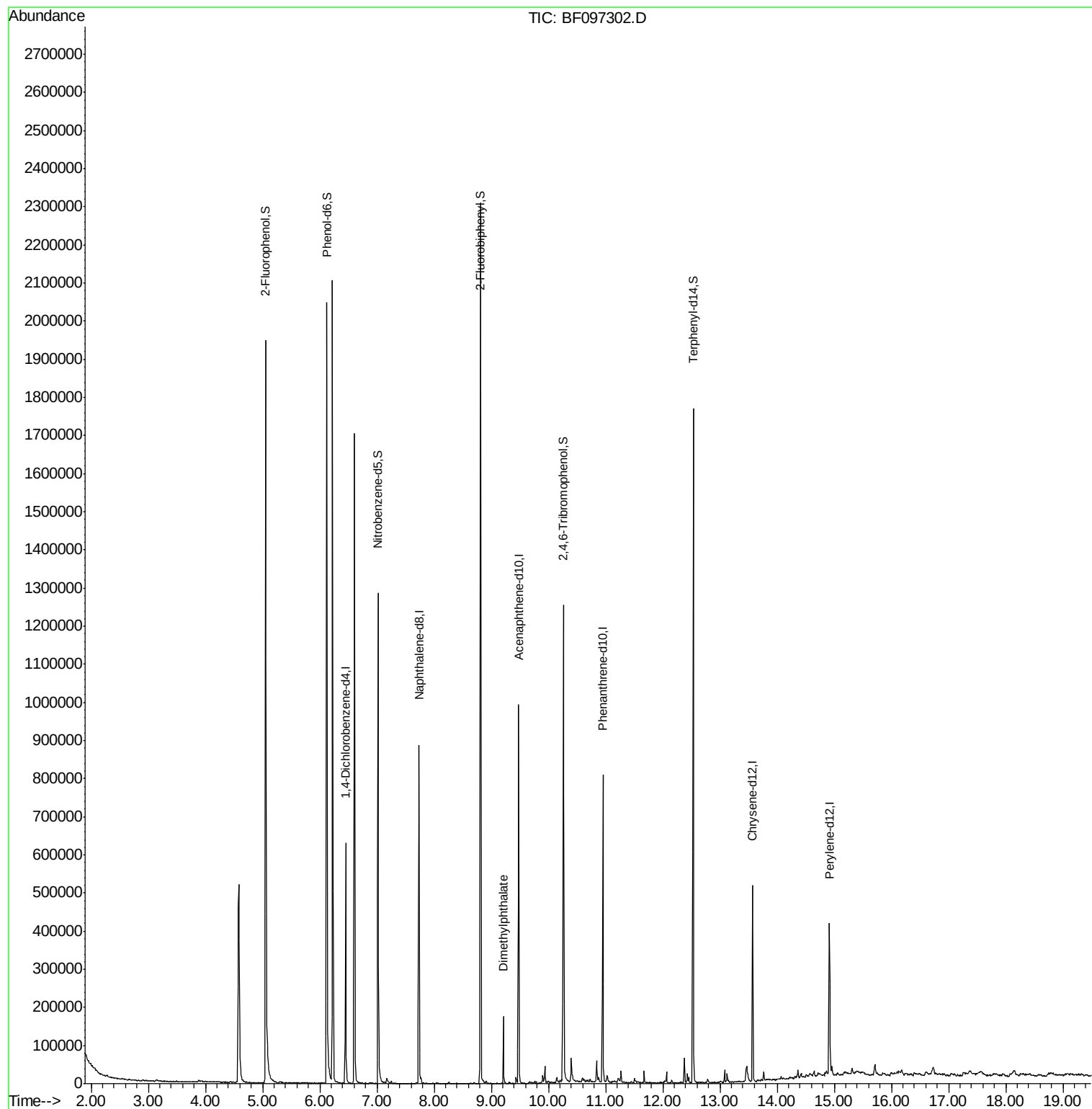
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	94658	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	405982	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	186541	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	295349	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	174159	20.00	ng	-0.06
86) Perylene-d12	14.92	264	159806	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	623010	99.22	ng	-0.05
7) Phenol-d6	6.12	99	732397	102.17	ng	-0.05
23) Nitrobenzene-d5	7.02	82	402515	58.16	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	135401	91.87	ng	-0.06
44) 2-Fluorobiphenyl	8.81	172	760174	69.16	ng	-0.06
78) Terphenyl-d14	12.53	244	548722	64.24	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.21	163	63870	4.509	ng	Qvalue 99

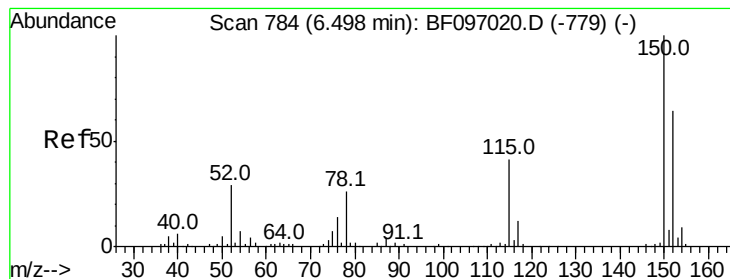
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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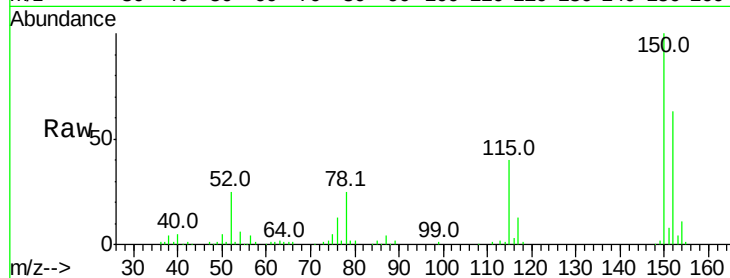


#1

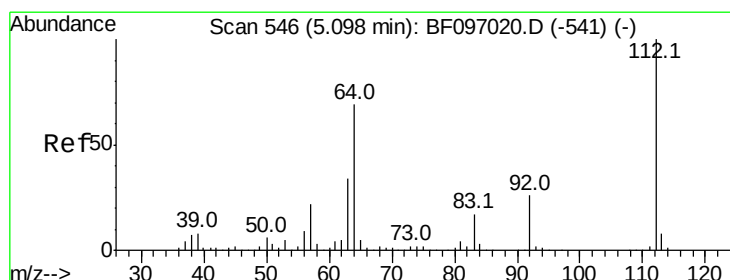
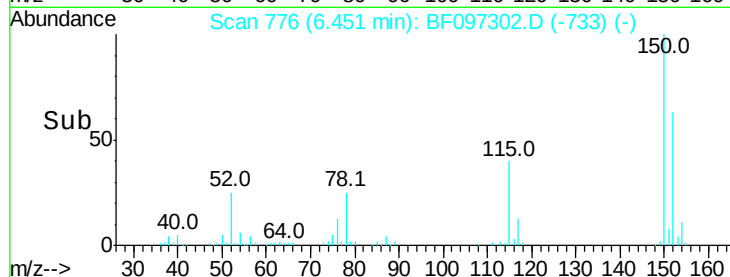
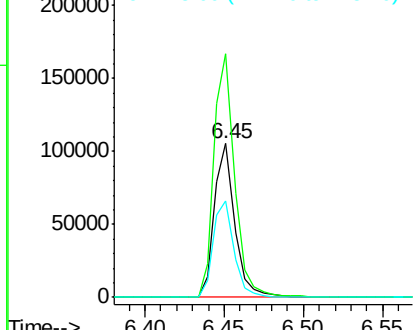
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.45 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF097302.D
 Acq: 3 Aug 2017 6:26

Instrument :
 BNA_F
 ClientSampleId :
 GRID-1-A

Tot Ion:152 Resp: 94658
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.2 189.2
 115 62.6 52.2 78.2



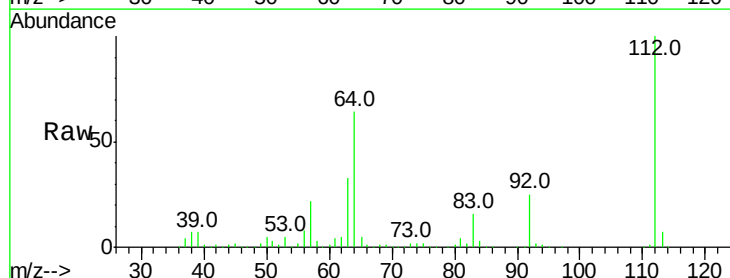
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



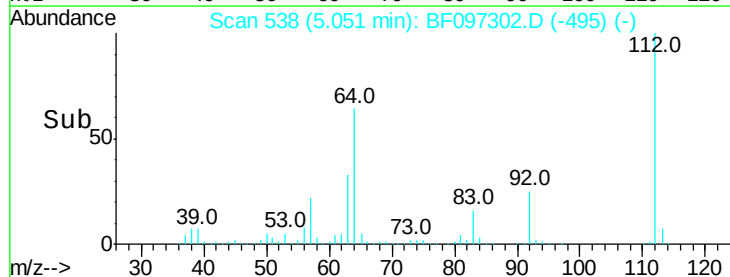
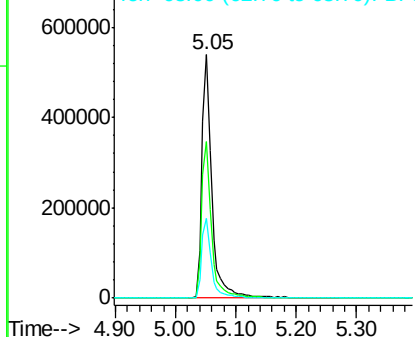
#5

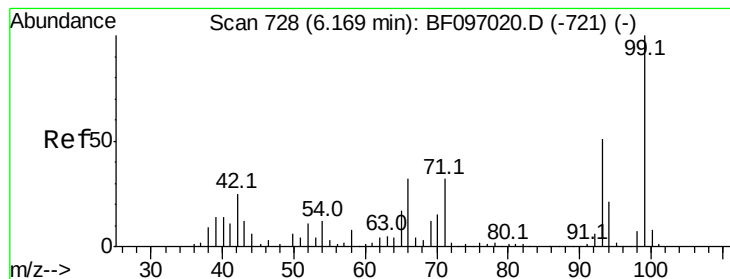
2-Fluorophenol
 Concen: 99.218 ng
 RT: 5.05 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF097302.D
 Acq: 3 Aug 2017 6:26

Tgt Ion:112 Resp: 623010
 Ion Ratio Lower Upper
 112 100
 64 64.5 46.0 69.0
 63 32.6 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: 102.170 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097302.D

Acq: 3 Aug 2017 6:26

Instrument :

BNA_F

ClientSampleId :

GRID-1-A

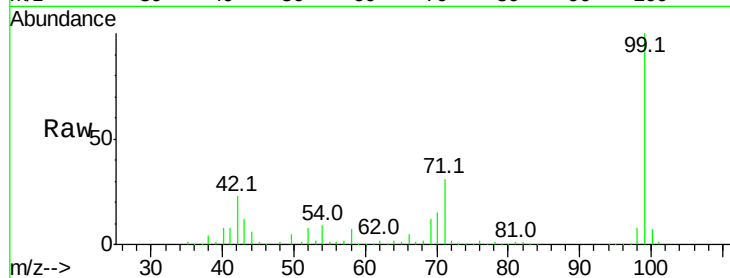
Tot Ion: 99 Resp: 732397

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

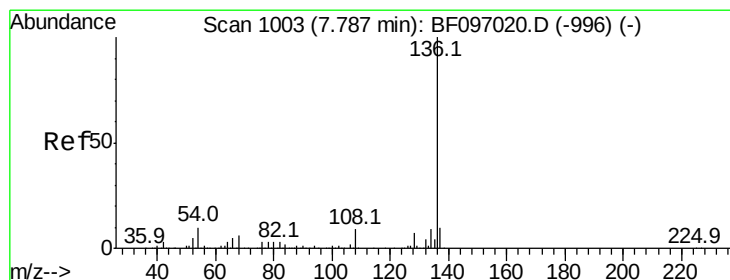
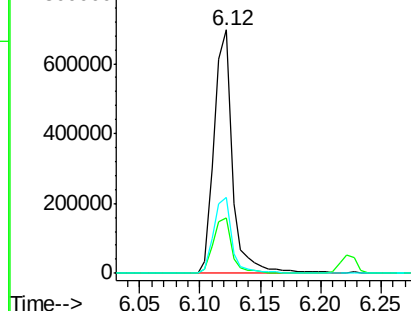
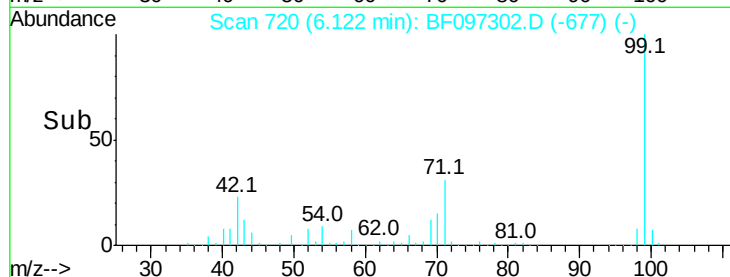
71 31.3 24.5 36.7



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: 7.73 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF097302.D

Acq: 3 Aug 2017 6:26

Tgt Ion: 136 Resp: 405982

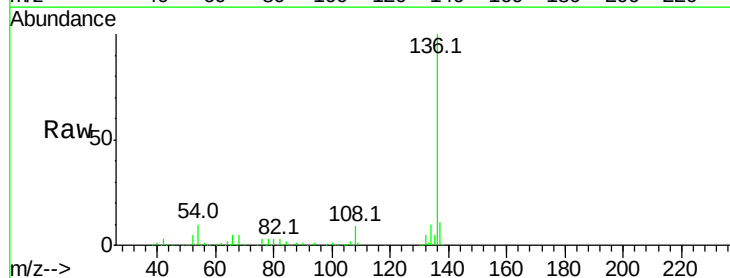
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.4 4.9 7.3#

68 5.1 4.1 6.1

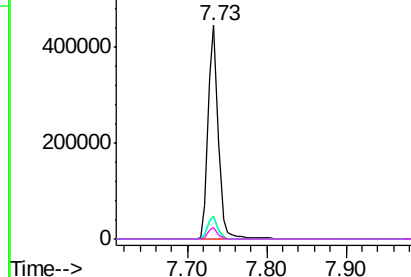
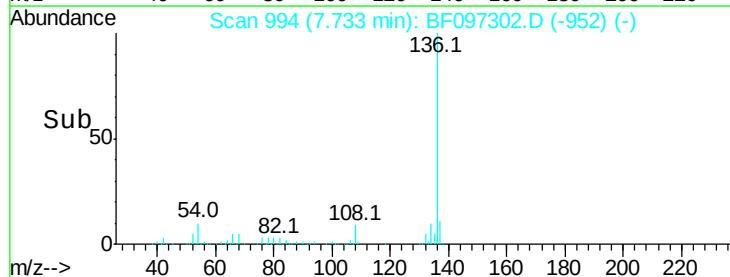


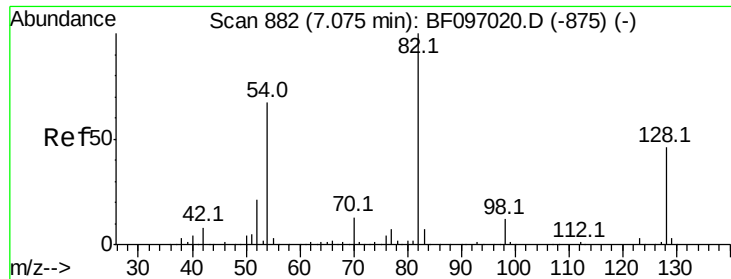
Abundance Ion 136.00 (135.70 to 136.70): E

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

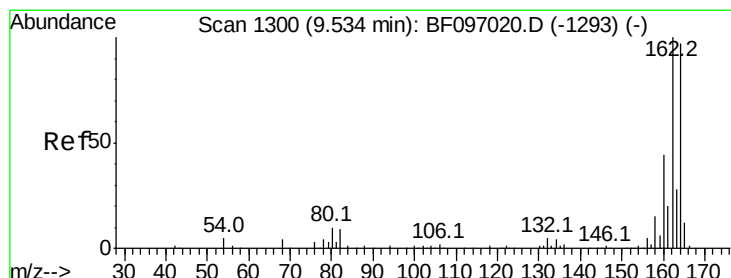
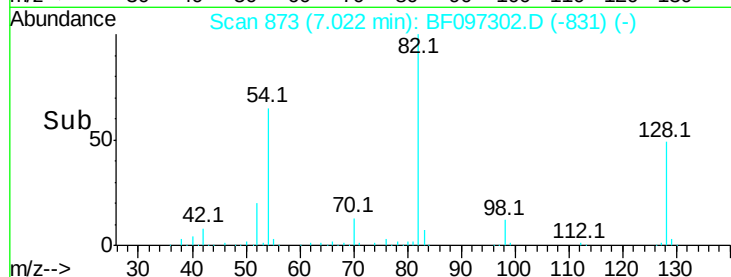
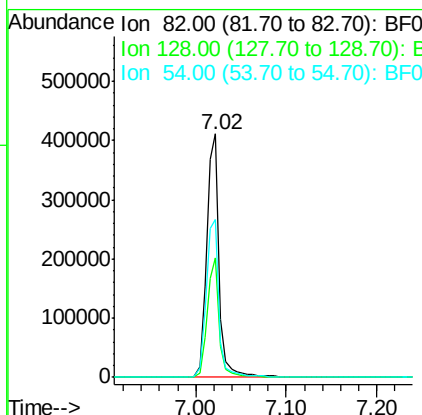
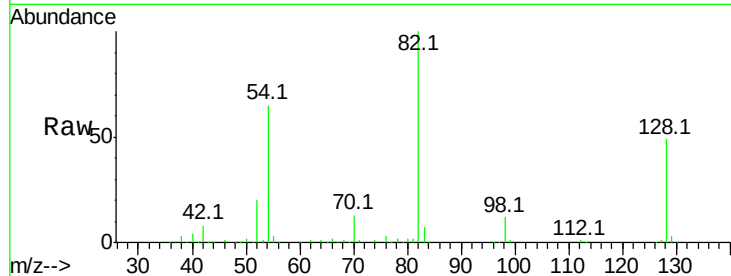




#23
 Nitrobenzene-d5
 Concen: 58.163 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF097302.D
 Acq: 3 Aug 2017 6:26

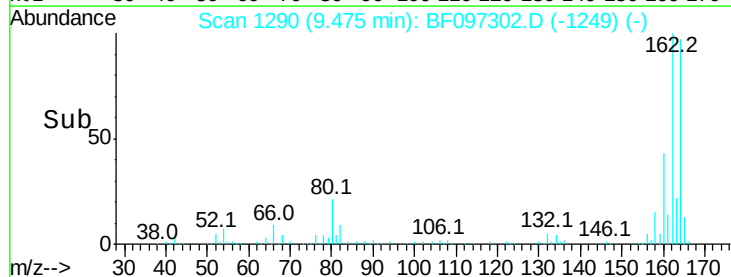
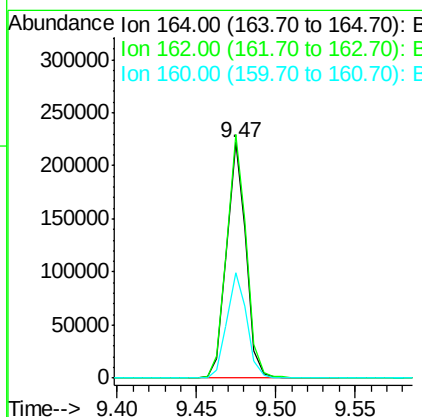
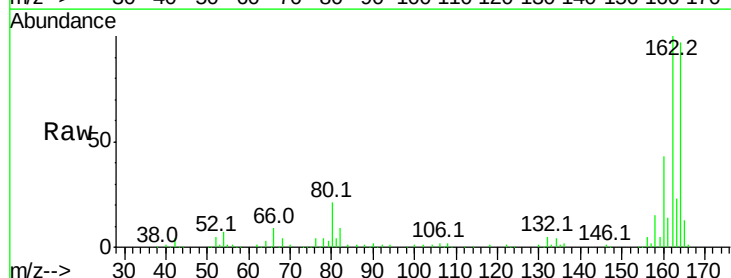
Instrument :
 BNA_F
 ClientSampleId :
 GRID-1-A

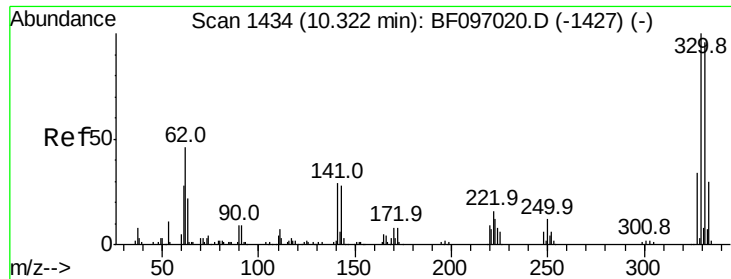
Tot Ion: 82 Resp: 402515
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.0 51.0
 54 64.9 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.06 min
 Lab File: BF097302.D
 Acq: 3 Aug 2017 6:26

Tgt Ion: 164 Resp: 186541
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 44.9 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 91.869 ng

RT: 10.26 min Scan# 1424

Delta R.T. -0.06 min

Lab File: BF097302.D

Acq: 3 Aug 2017 6:26

Instrument :

BNA_F

ClientSampleId :

GRID-1-A

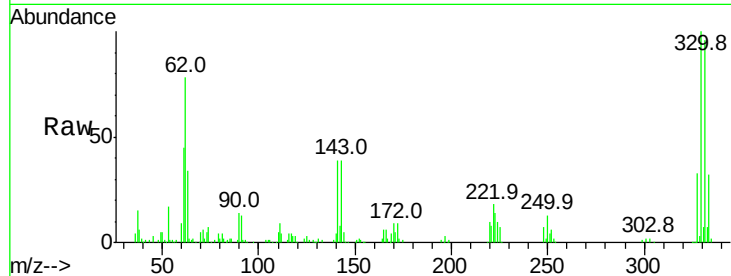
Tot Ion:330 Resp: 135401

Ion Ratio Lower Upper

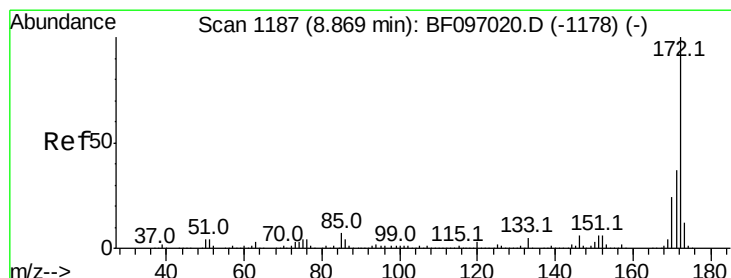
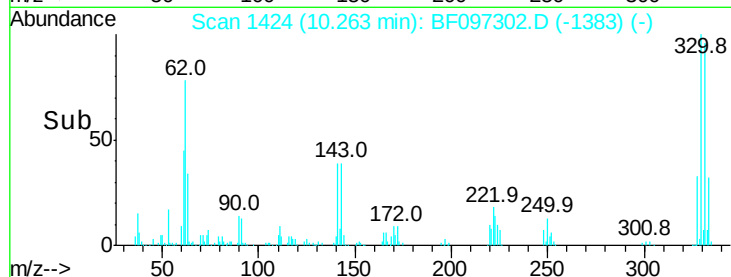
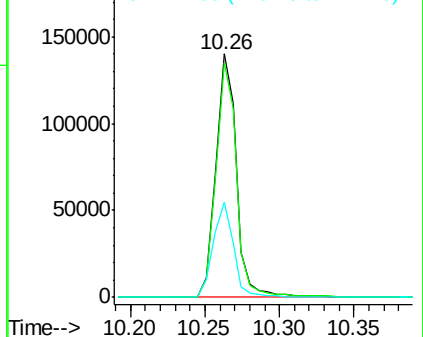
330 100

332 96.6 76.6 115.0

141 38.6 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: 69.158 ng

RT: 8.81 min Scan# 1177

Delta R.T. -0.06 min

Lab File: BF097302.D

Acq: 3 Aug 2017 6:26

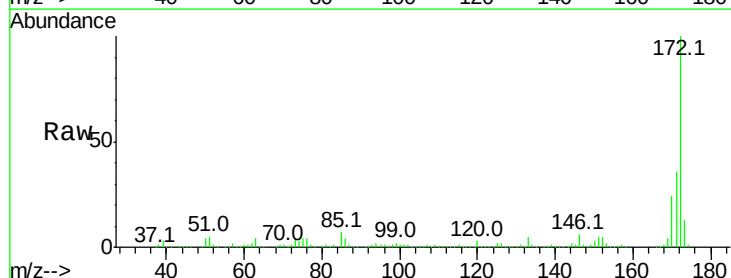
Tgt Ion:172 Resp: 760174

Ion Ratio Lower Upper

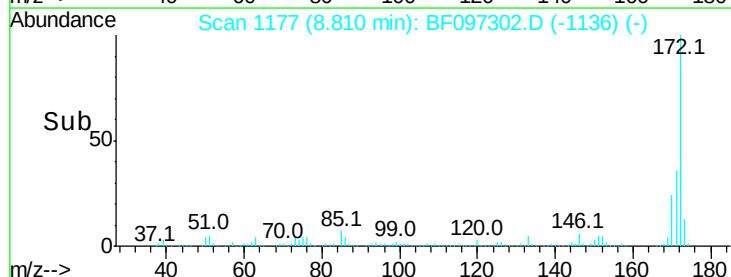
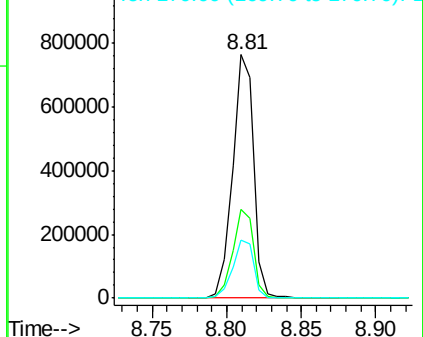
172 100

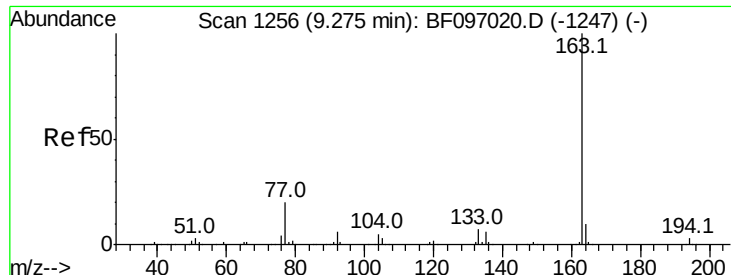
171 36.5 29.6 44.4

170 24.0 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

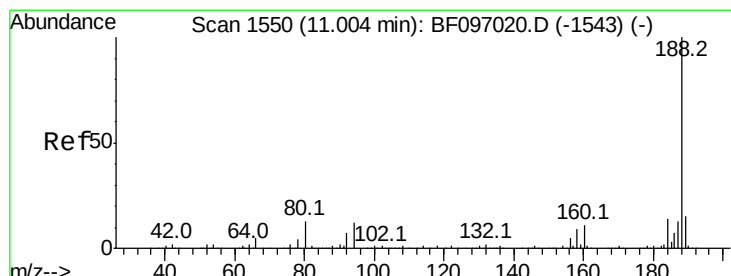
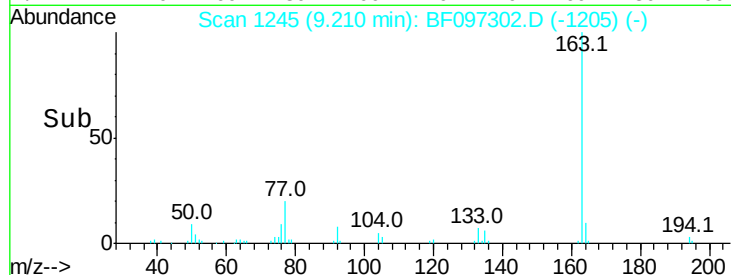
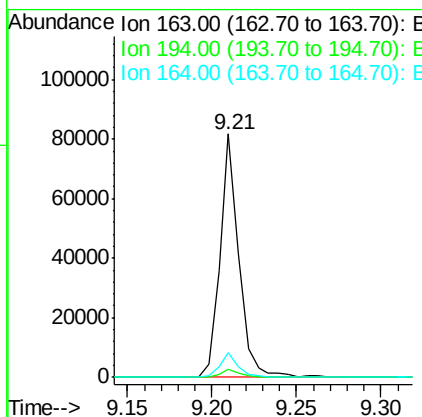
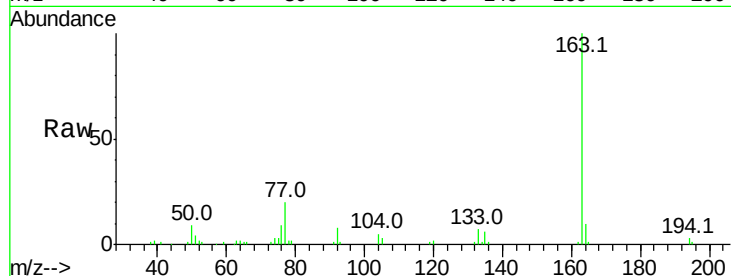




#49
Dimethylphthalate
Concen: 4.509 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF097302.D
Acq: 3 Aug 2017 6:26

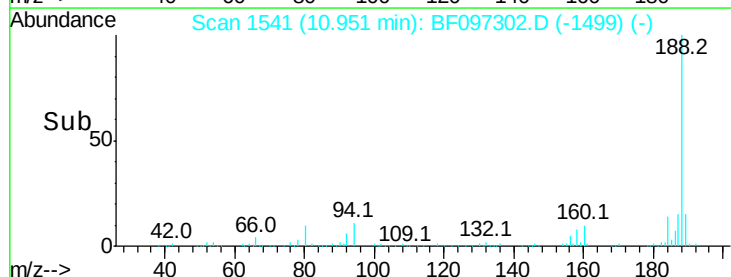
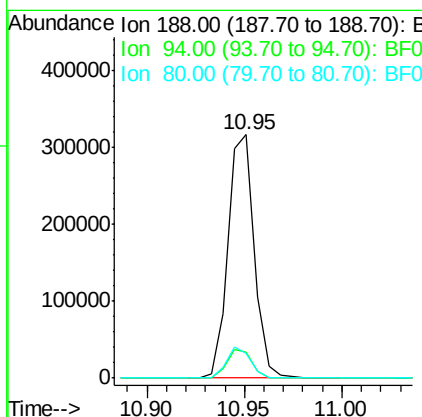
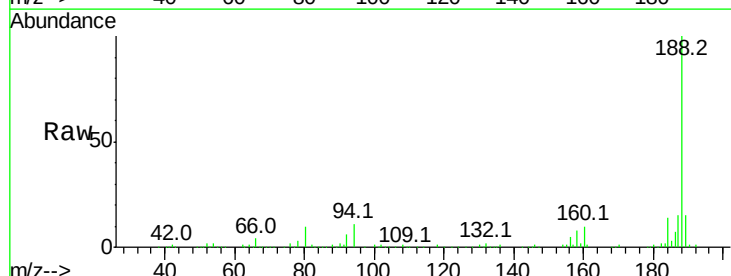
Instrument :
BNA_F
ClientSampled :
GRID-1-A

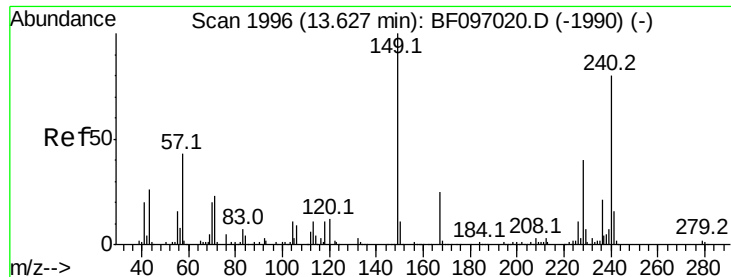
Tot Ion:163 Resp: 63870
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.2 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.05 min
Lab File: BF097302.D
Acq: 3 Aug 2017 6:26

Tgt Ion:188 Resp: 295349
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 10.2 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.57 min Scan# 1986

Delta R.T. -0.06 min

Lab File: BF097302.D

Acq: 3 Aug 2017 6:26

Instrument :

BNA_F

ClientSampleId :

GRID-1-A

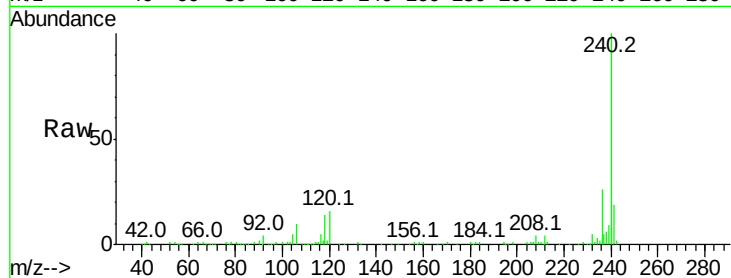
Tot Ion:240 Resp: 174159

Ion Ratio Lower Upper

240 100

120 16.2 5.8 8.8#

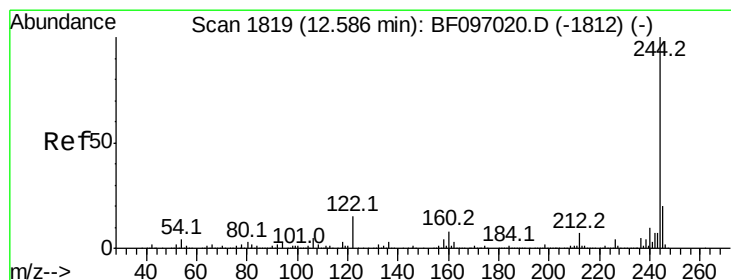
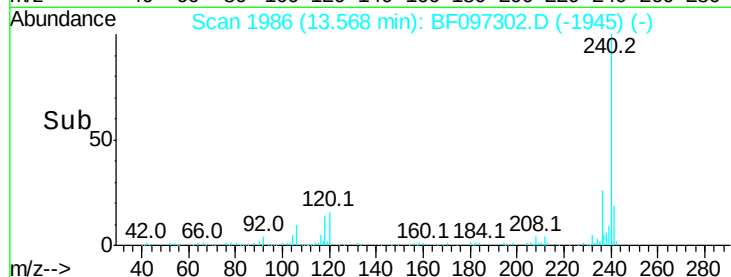
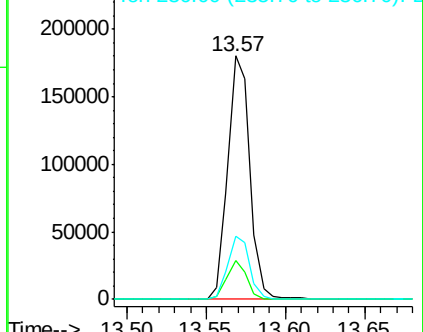
236 26.1 20.5 30.7



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: 64.238 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF097302.D

Acq: 3 Aug 2017 6:26

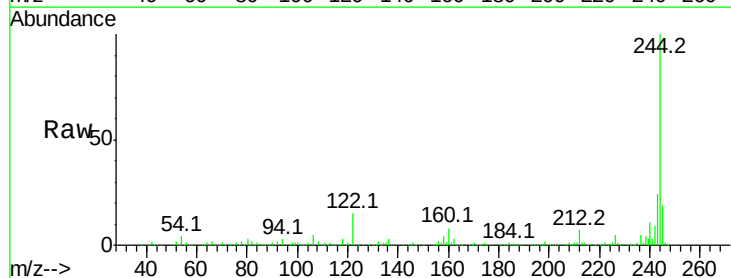
Tgt Ion:244 Resp: 548722

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

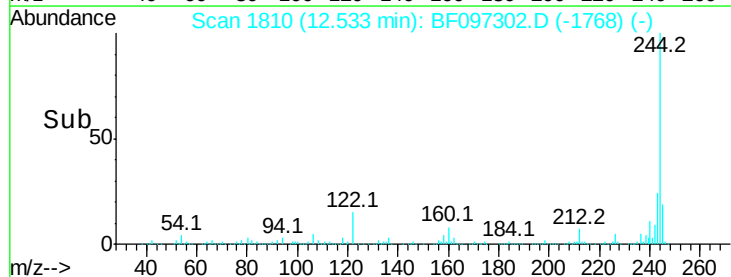
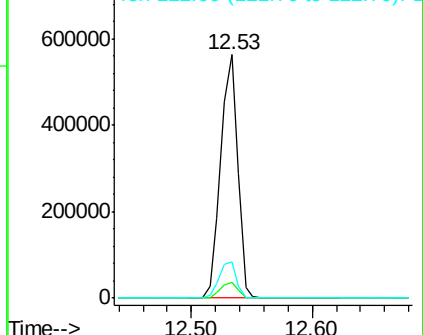
122 14.9 10.3 15.5

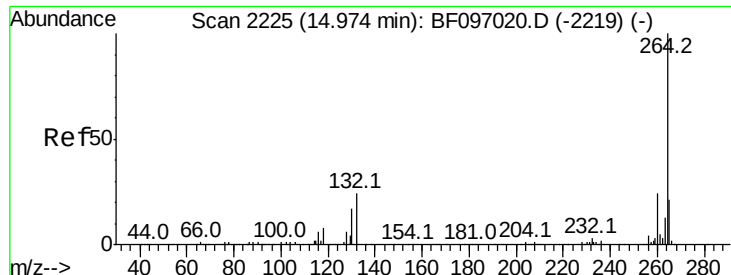


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

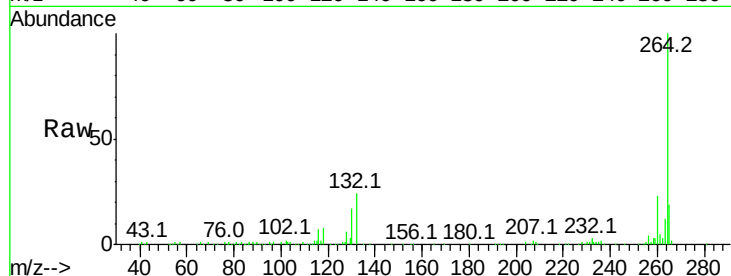




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.06 min
Lab File: BF097302.D
Acq: 3 Aug 2017 6:26

Instrument :
BNA_F
ClientSampleId :
GRID-1-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	19.4	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

