

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097306.D
 Acq On : 3 Aug 2017 8:17
 Operator : SJ/JU
 Sample : I4537-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-A

Quant Time: Aug 03 12:57:10 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

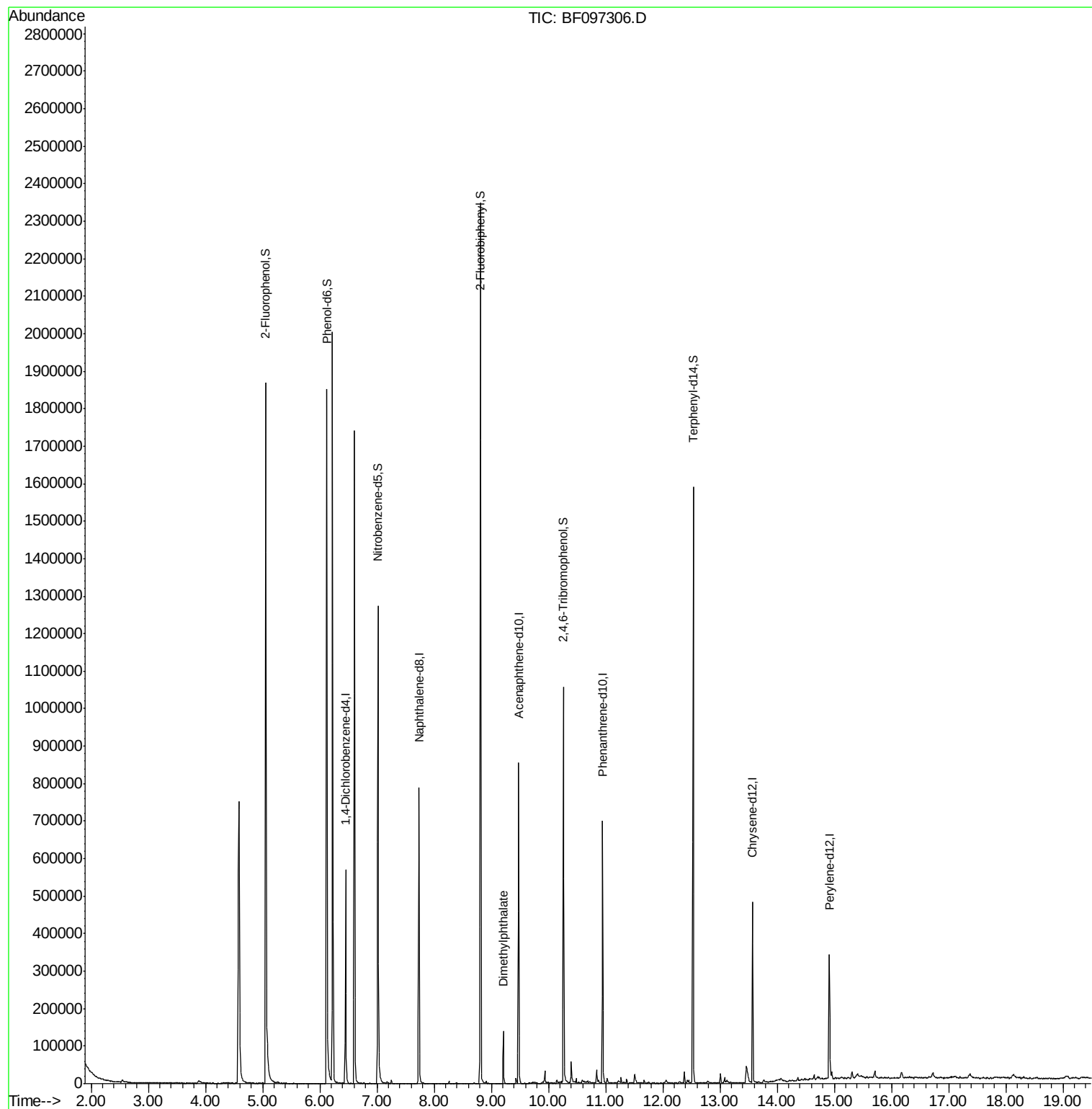
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	92006	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	364912	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	165409	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	258987	20.00	ng	-0.01
75) Chrysene-d12	13.57	240	159811	20.00	ng	-0.01
86) Perylene-d12	14.92	264	139810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	592078	97.01	ng	0.00
7) Phenol-d6	6.12	99	698864	100.30	ng	0.00
23) Nitrobenzene-d5	7.02	82	430511	69.21	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	114616	87.70	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	743444	76.28	ng	0.00
78) Terphenyl-d14	12.53	244	491739	62.74	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.21	163	53610	4.268	ng	98

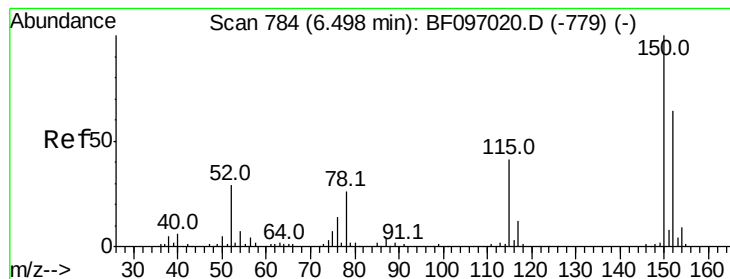
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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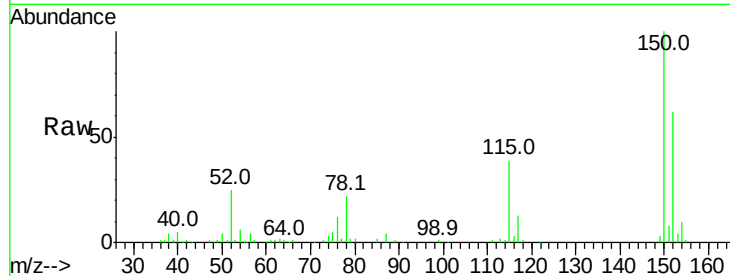


#1

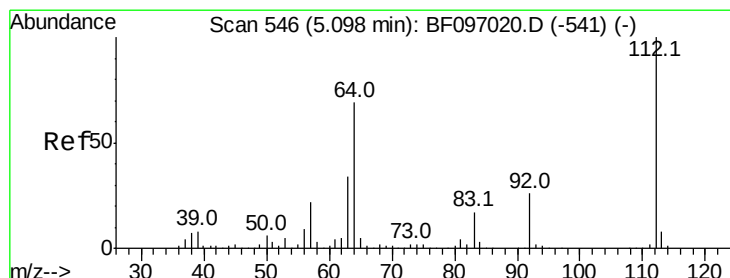
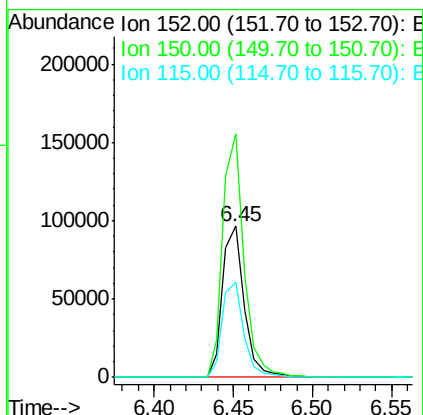
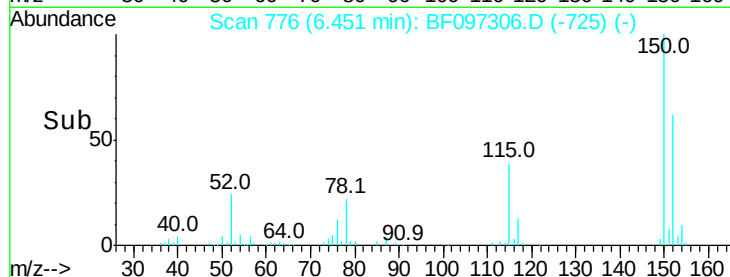
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.45 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-A

Tot Ion:152 Resp: 92006
 Ion Ratio Lower Upper
 152 100
 150 161.2 126.2 189.2
 115 63.1 52.2 78.2



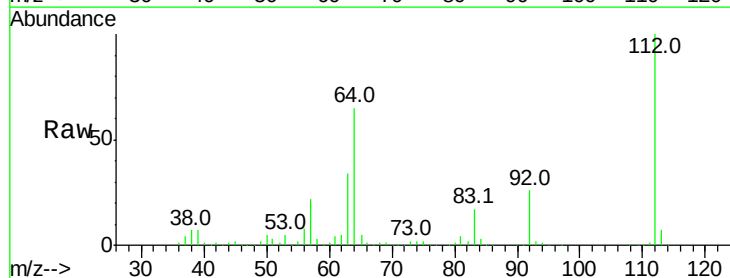
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



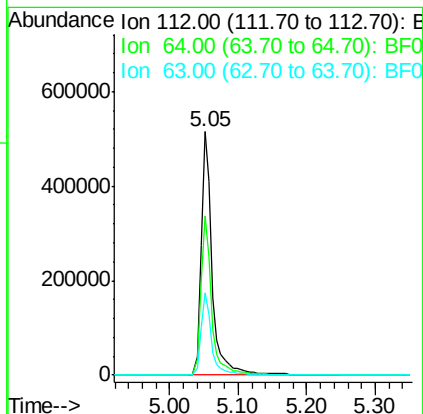
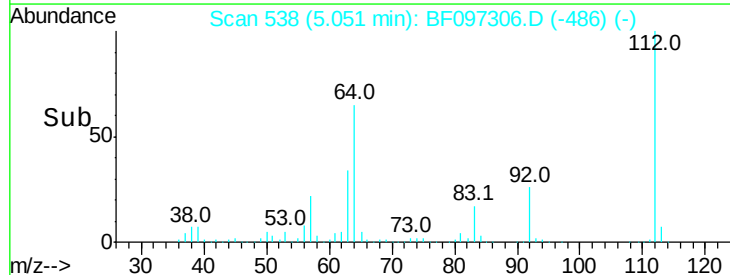
#5

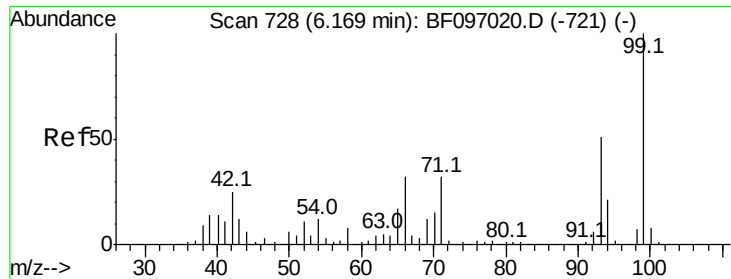
2-Fluorophenol
 Concen: 97.010 ng
 RT: 5.05 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

Tgt Ion:112 Resp: 592078
 Ion Ratio Lower Upper
 112 100
 64 65.3 46.0 69.0
 63 33.7 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: 100.302 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF097306.D

Acq: 3 Aug 2017 8:17

Instrument :

BNA_F

ClientSampleId :

GRID-3-A

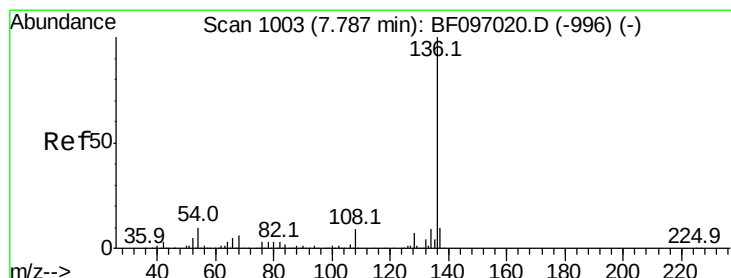
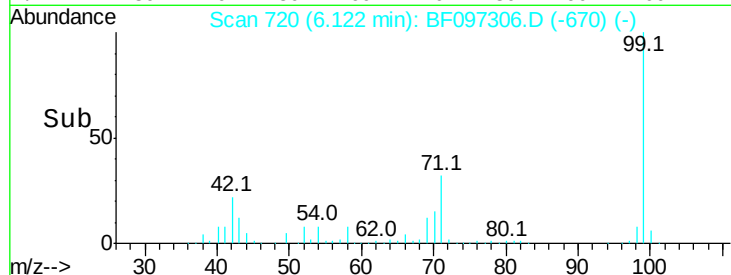
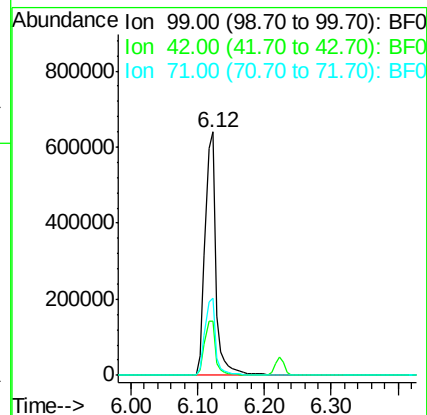
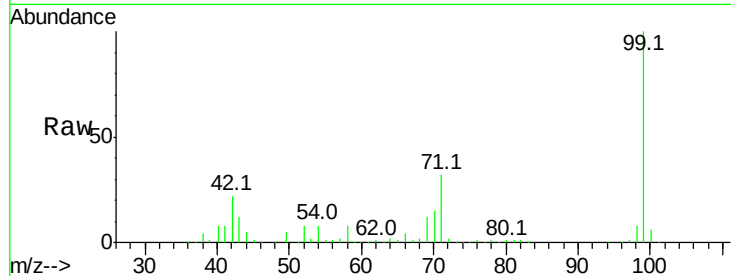
Tot Ion: 99 Resp: 698864

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

71 31.8 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF097306.D

Acq: 3 Aug 2017 8:17

Tgt Ion: 136 Resp: 364912

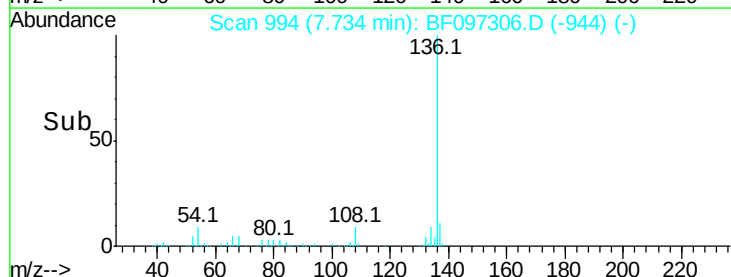
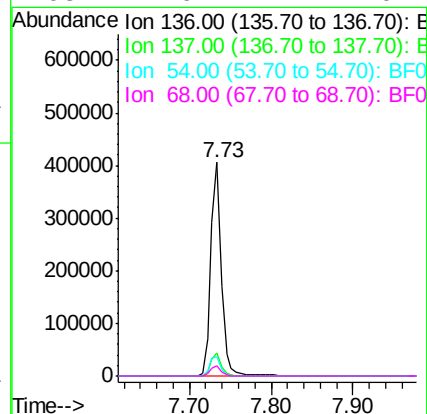
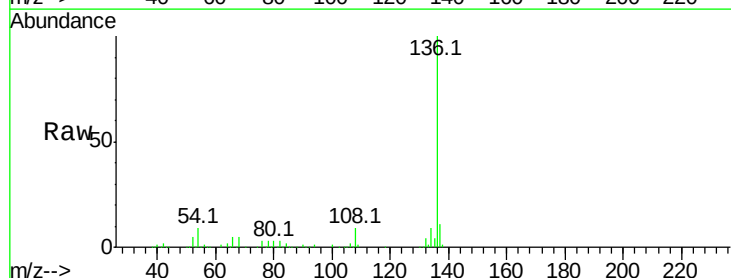
Ion Ratio Lower Upper

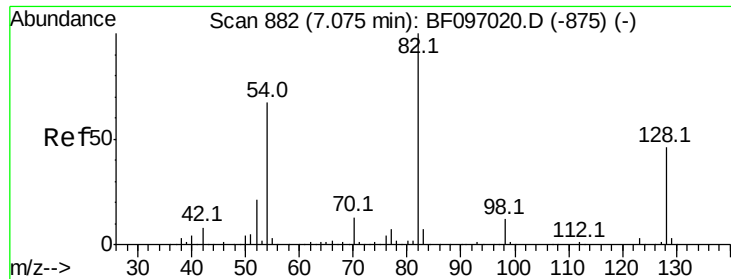
136 100

137 10.6 8.5 12.7

54 9.3 4.9 7.3#

68 4.6 4.1 6.1

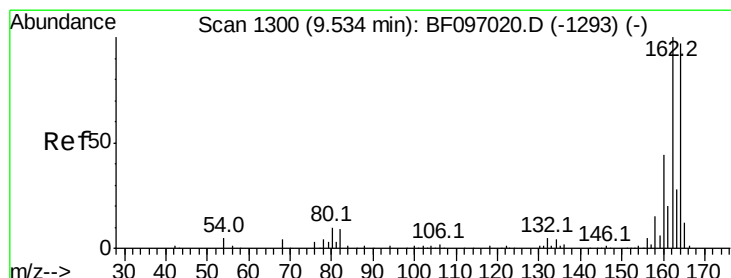
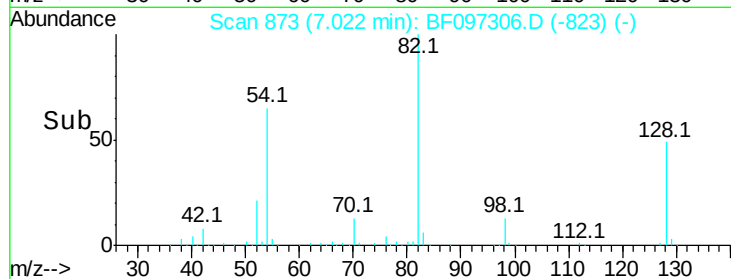
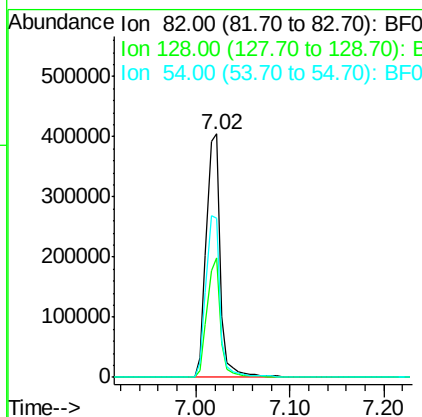
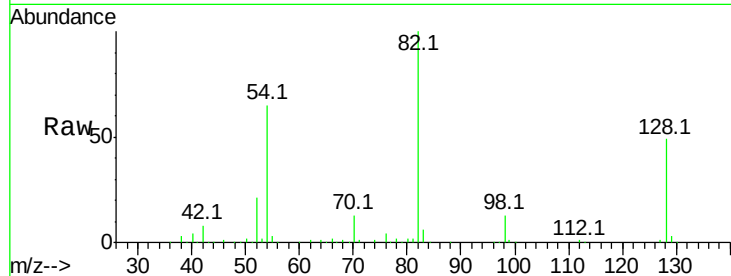




#23
 Nitrobenzene-d5
 Concen: 69.210 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

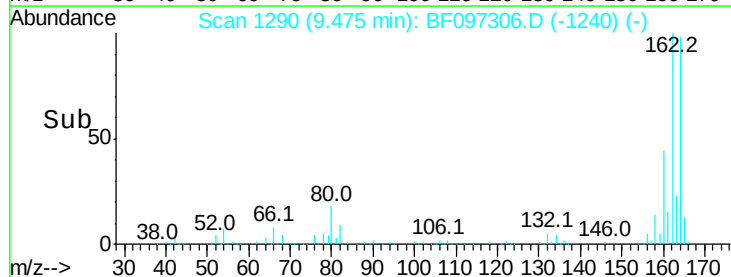
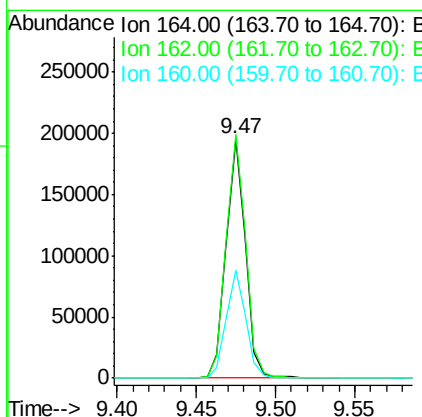
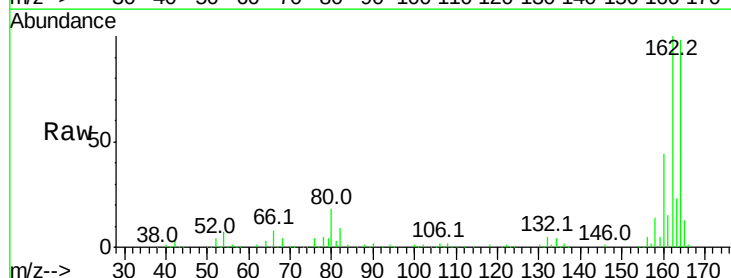
Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-A

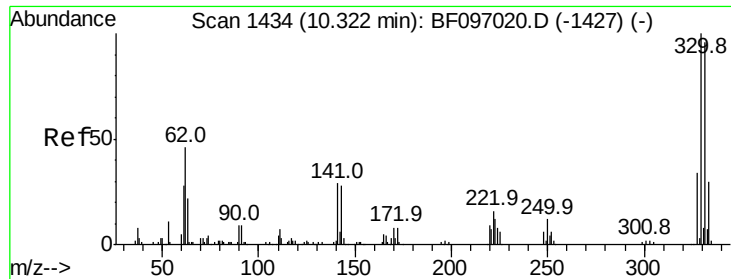
Tot Ion: 82 Resp: 430511
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.0 51.0
 54 65.3 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

Tgt Ion: 164 Resp: 165409
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 45.0 36.2 54.2

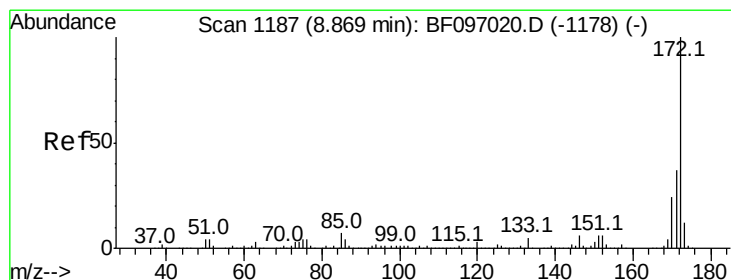
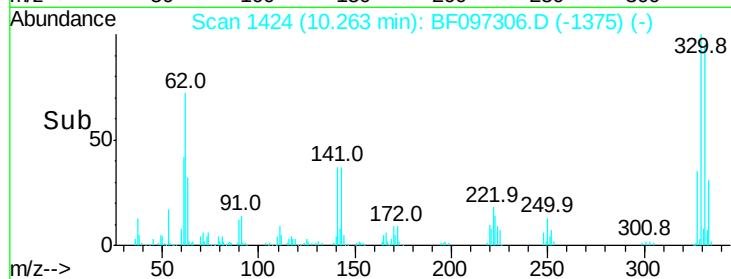
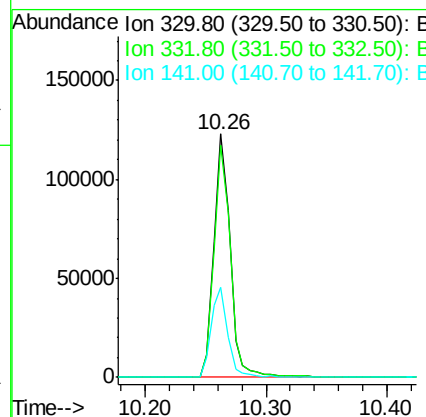
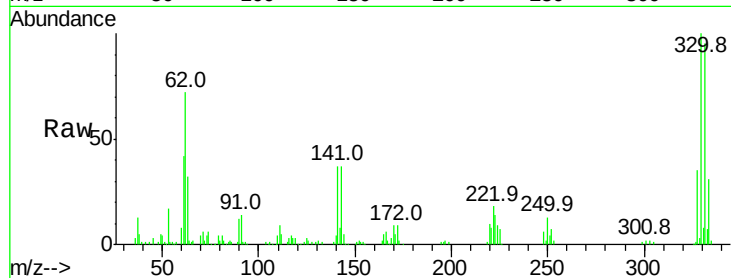




#41
 2,4,6-Tribromophenol
 Concen: 87.701 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

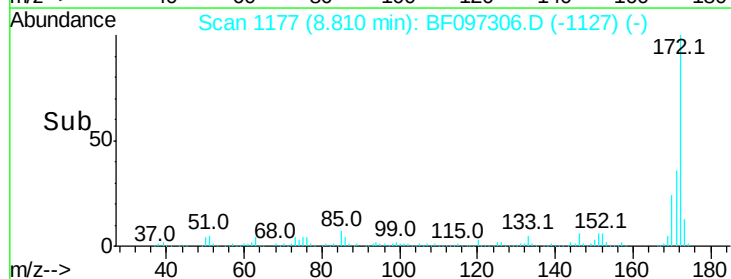
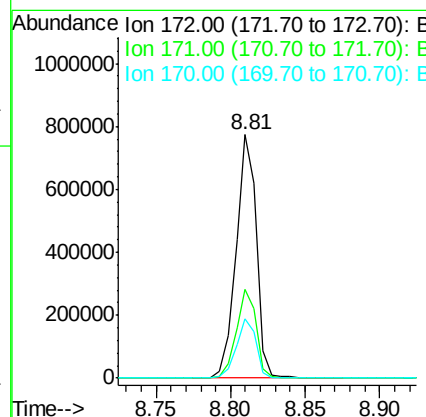
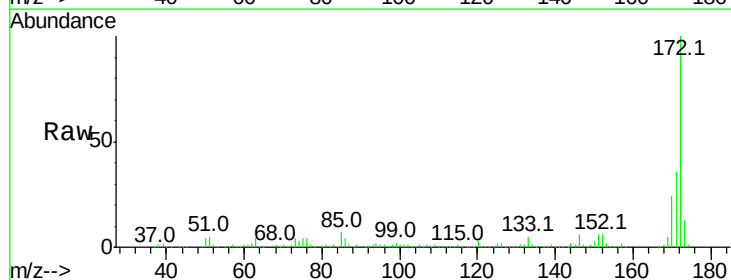
Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-A

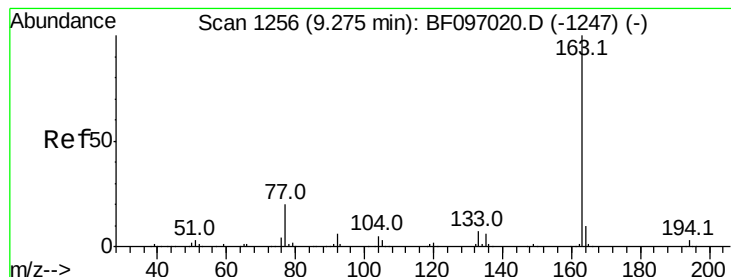
Tot Ion:330 Resp: 114616
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 37.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 76.277 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

Tgt Ion:172 Resp: 743444
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.3 19.8 29.8





#49

Dimethylphthalate

Concen: 4.268 ng

RT: 9.21 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF097306.D

Acq: 3 Aug 2017 8:17

Instrument :

BNA_F

ClientSampleId :

GRID-3-A

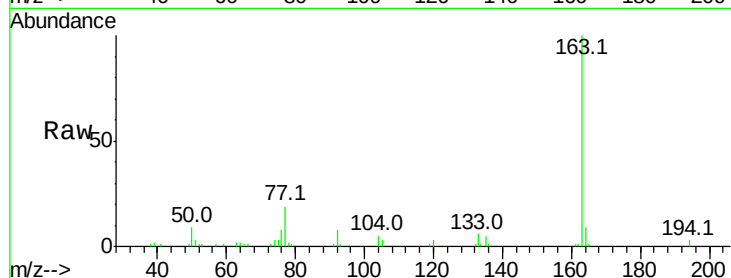
Tot Ion:163 Resp: 53610

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

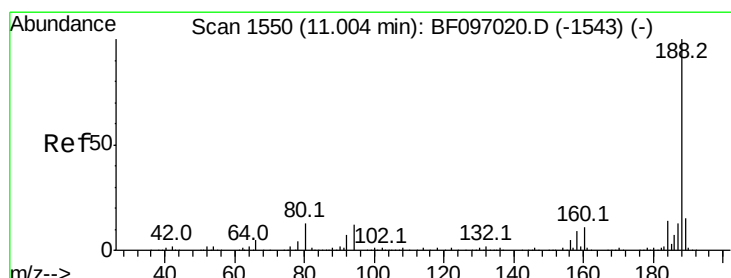
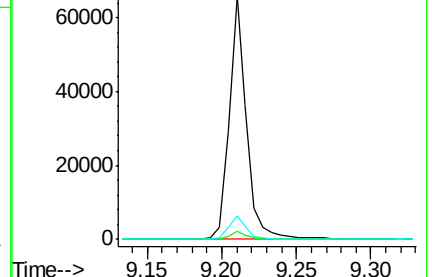
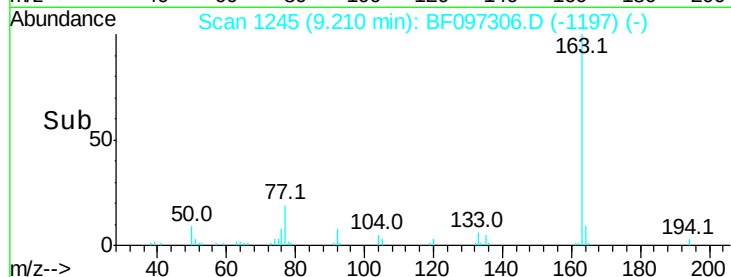
164 9.5 8.4 12.6



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: 10.95 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF097306.D

Acq: 3 Aug 2017 8:17

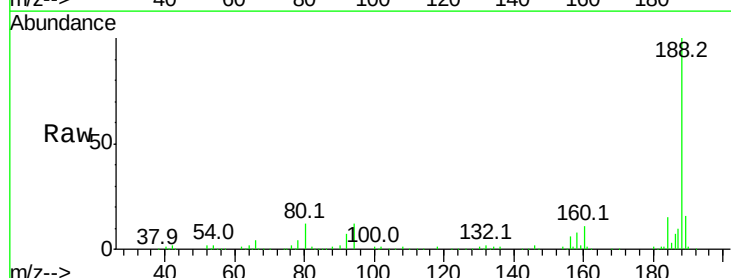
Tgt Ion:188 Resp: 258987

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

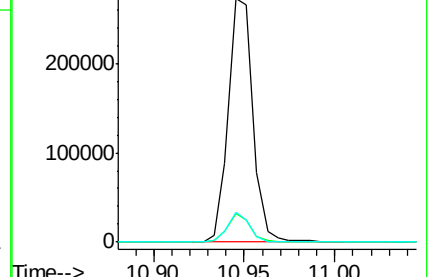
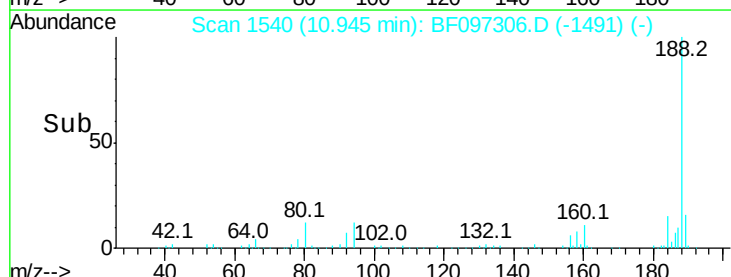
80 12.4 10.2 15.2

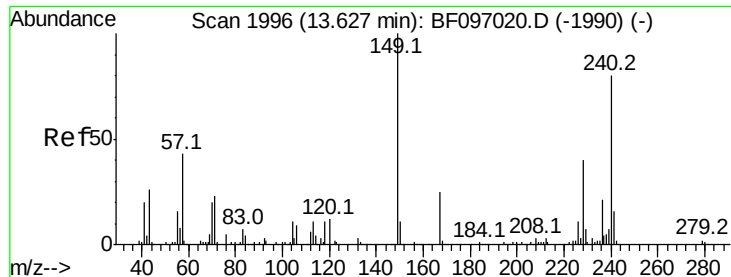


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.57 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF097306.D

Acq: 3 Aug 2017 8:17

Instrument :

BNA_F

ClientSampleId :

GRID-3-A

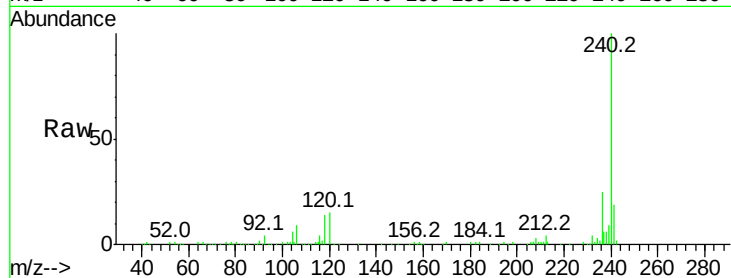
Tot Ion:240 Resp: 159811

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

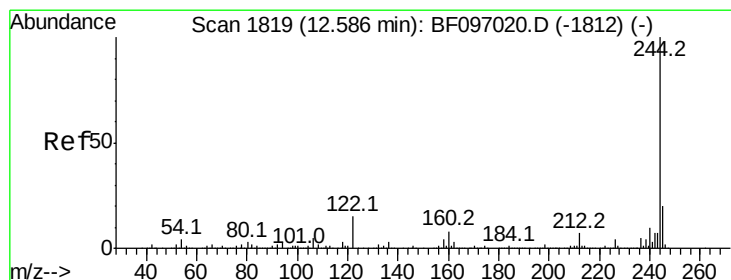
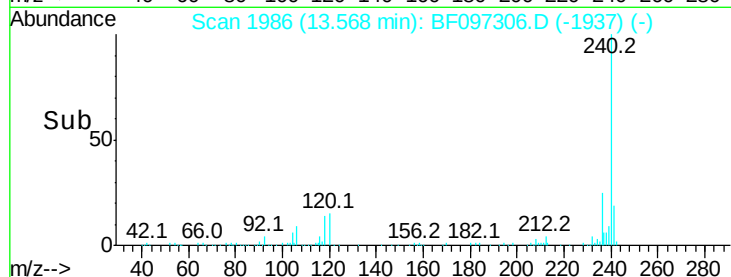
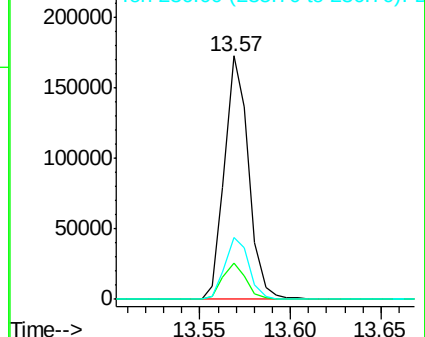
236 25.2 20.5 30.7



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: 62.736 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097306.D

Acq: 3 Aug 2017 8:17

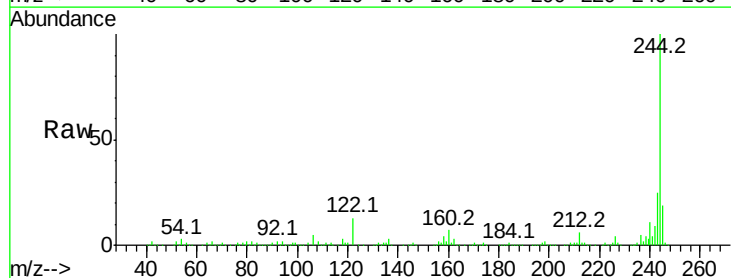
Tgt Ion:244 Resp: 491739

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

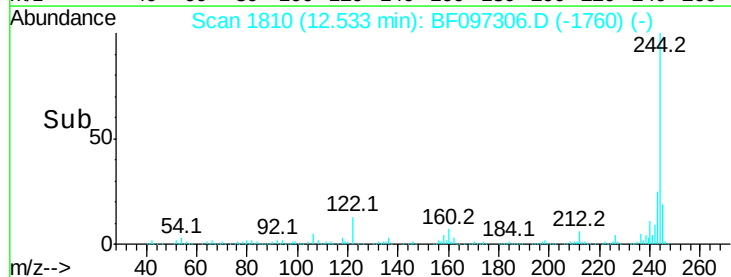
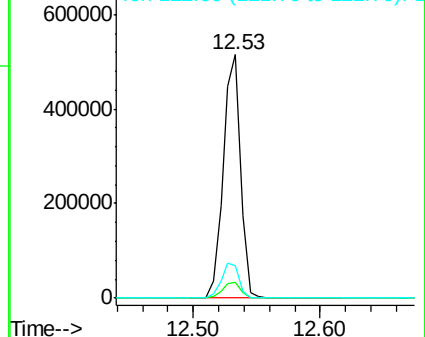
122 13.4 10.3 15.5

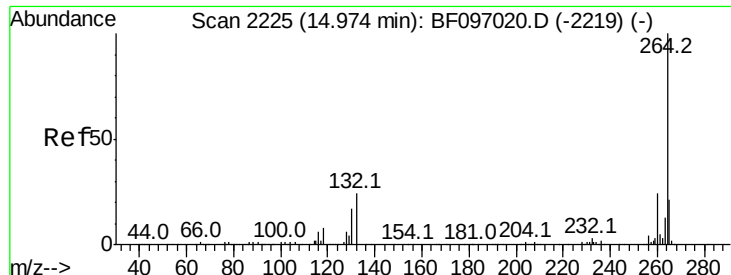


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

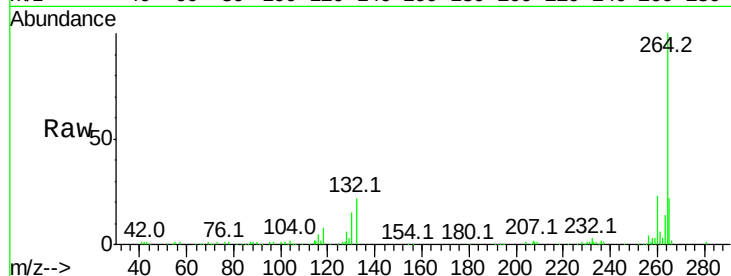




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.92 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF097306.D
Acq: 3 Aug 2017 8:17

Instrument :
BNA_F
ClientSampleId :
GRID-3-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.5	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

