

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097307.D
 Acq On : 3 Aug 2017 8:44
 Operator : SJ/JU
 Sample : I4537-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-B

Quant Time: Aug 03 12:59:21 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

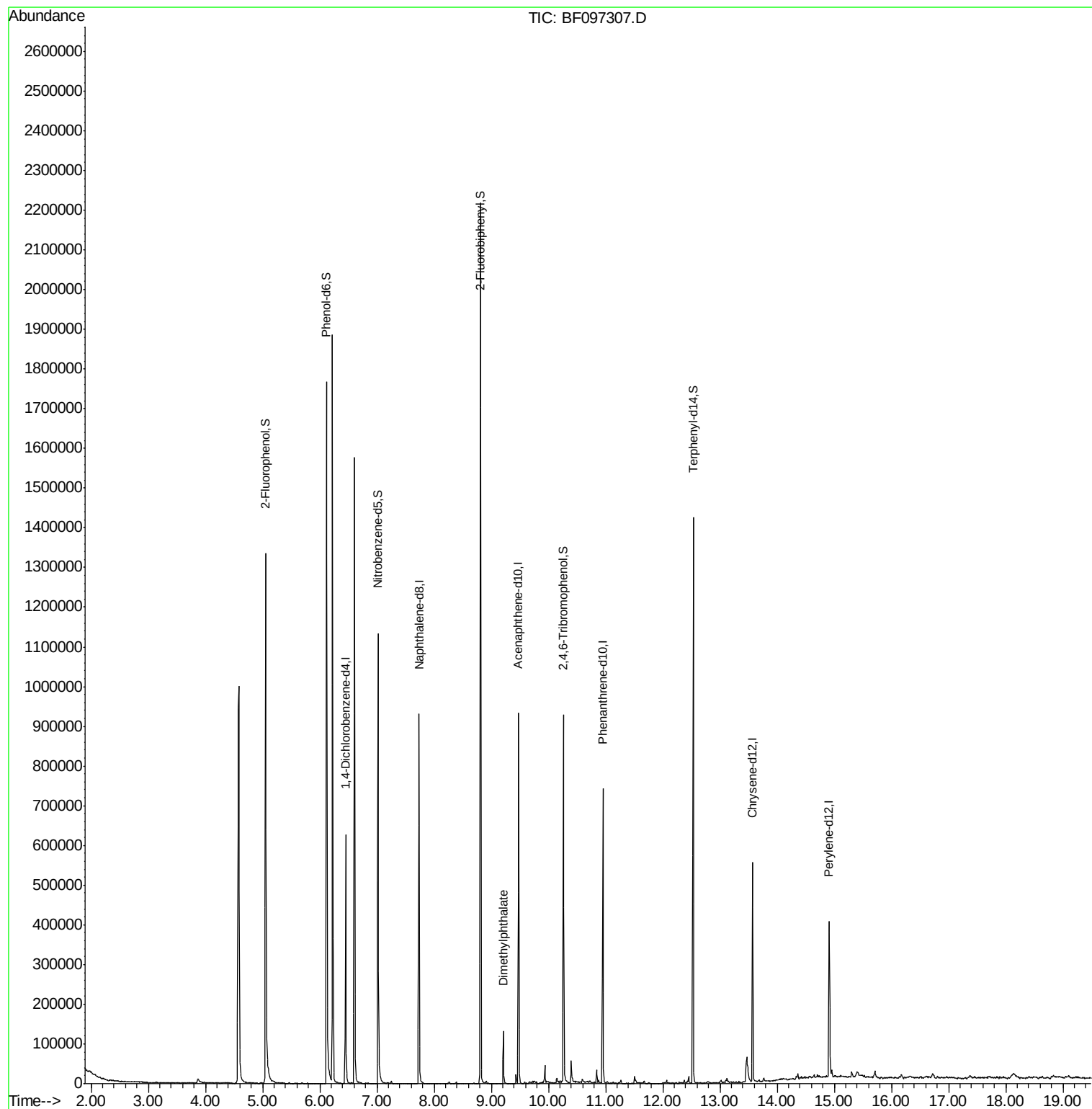
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	98888	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	416218	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	176728	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	285390	20.00	ng	0.00
75) Chrysene-d12	13.57	240	182558	20.00	ng	-0.01
86) Perylene-d12	14.91	264	158624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	468111	71.36	ng	0.00
7) Phenol-d6	6.12	99	615363	82.17	ng	-0.01
23) Nitrobenzene-d5	7.02	82	381389	53.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.26	330	101459	72.66	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	695645	66.80	ng	0.00
78) Terphenyl-d14	12.53	244	438790	49.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.21	163	51379	3.828	ng	Qvalue 98

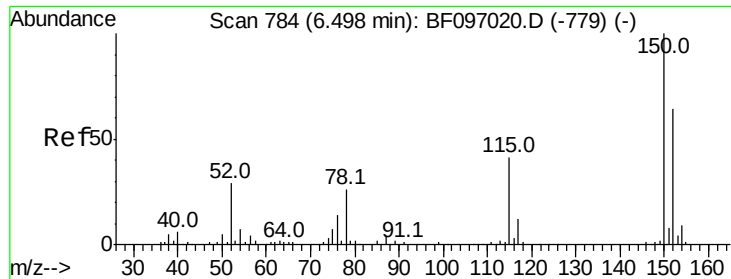
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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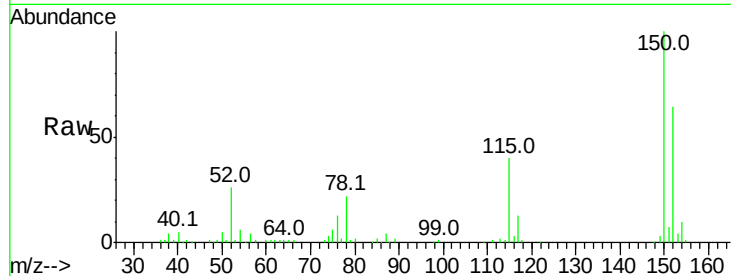


#1

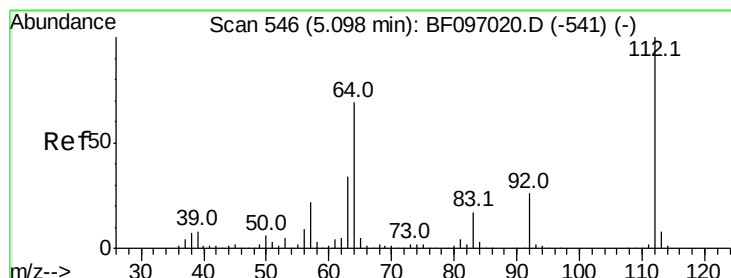
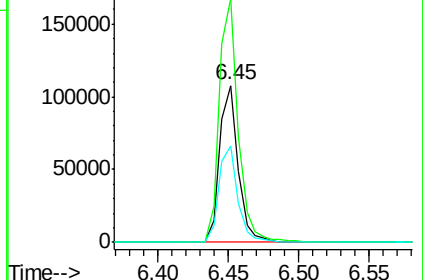
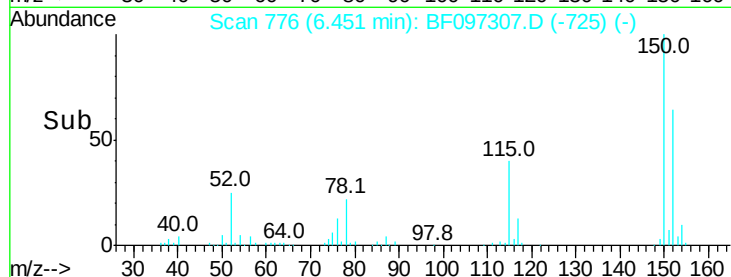
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF097307.D
Acq: 3 Aug 2017 8:44

Instrument :
BNA_F
ClientSampleId :
GRID-3-B

Tot Ion:152 Resp: 98888
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 61.4 52.2 78.2



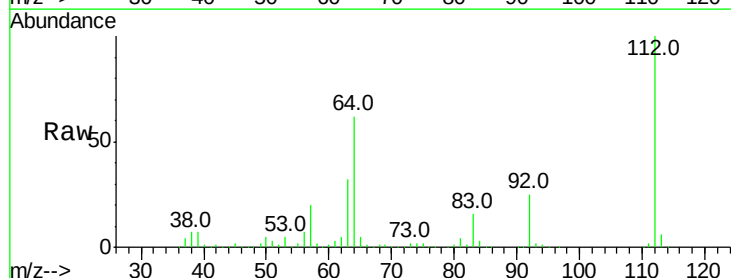
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



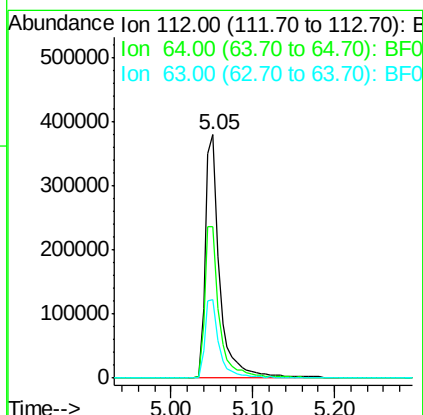
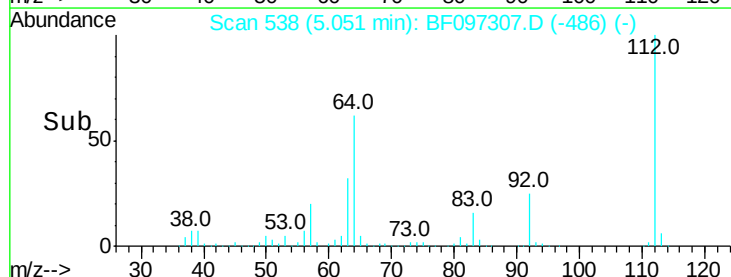
#5

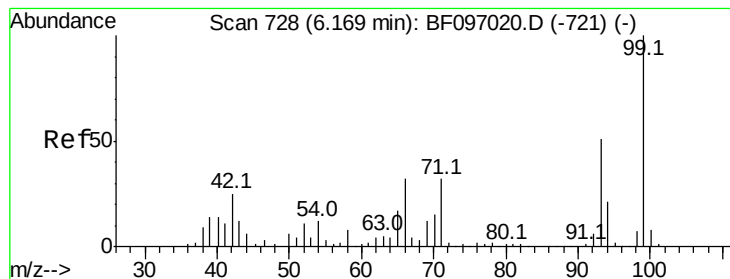
2-Fluorophenol
Concen: 71.361 ng
RT: 5.05 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF097307.D
Acq: 3 Aug 2017 8:44

Tgt Ion:112 Resp: 468111
Ion Ratio Lower Upper
112 100
64 62.2 46.0 69.0
63 32.1 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: 82.171 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF097307.D

Acq: 3 Aug 2017 8:44

Instrument :

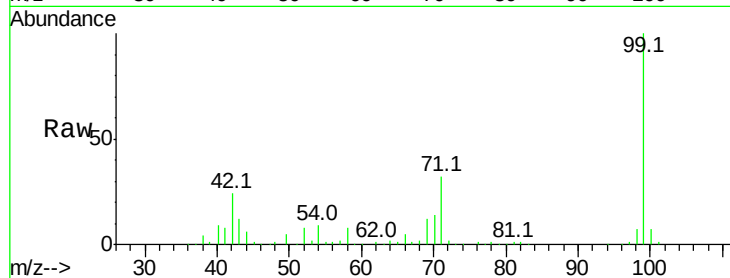
BNA_F

ClientSampleId :

GRID-3-B

Tot Ion: 99 Resp: 615363

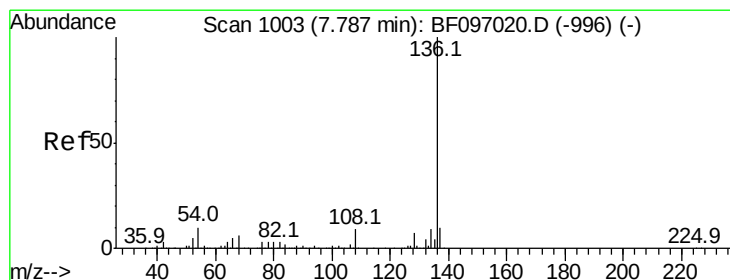
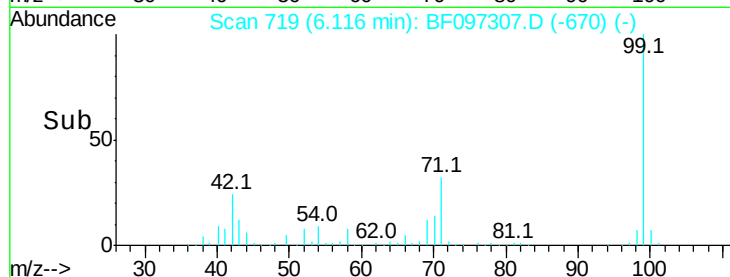
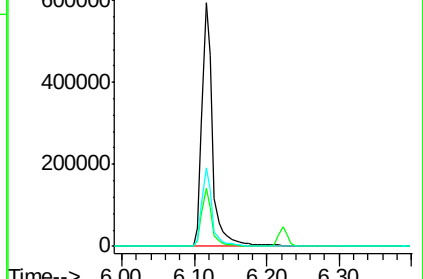
Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	32.3	24.5	36.7



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. -0.01 min

Lab File: BF097307.D

Acq: 3 Aug 2017 8:44

Tgt Ion: 136 Resp: 416218

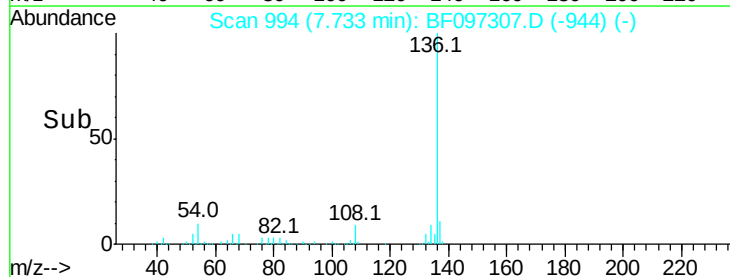
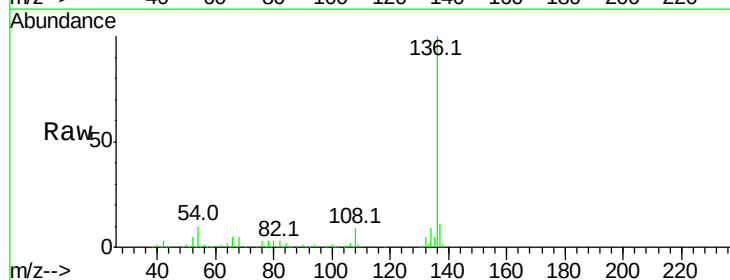
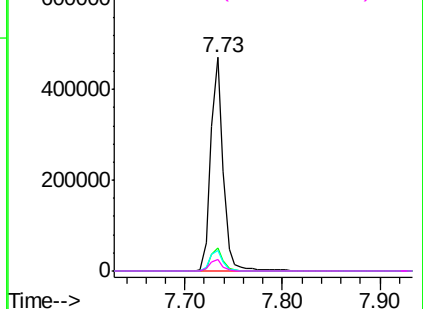
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.6	4.9	7.3#
68	5.1	4.1	6.1

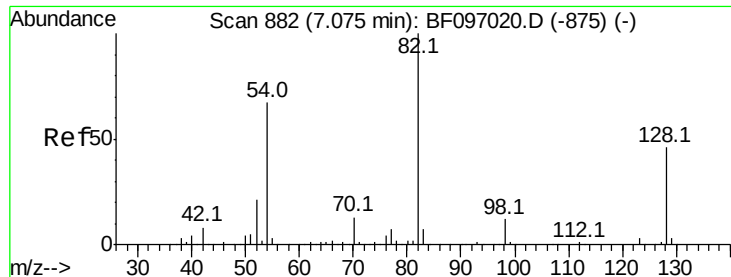
Abundance Ion 136.00 (135.70 to 136.70): E

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

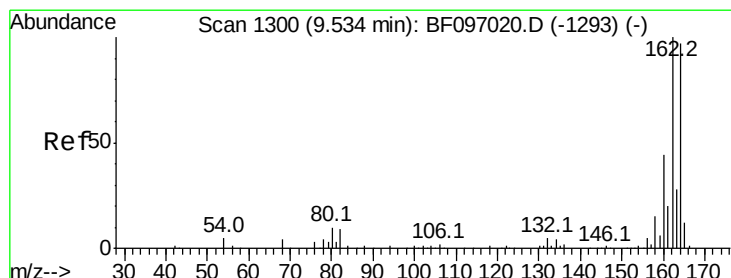
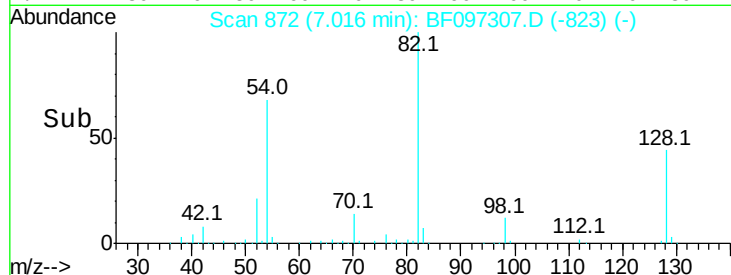
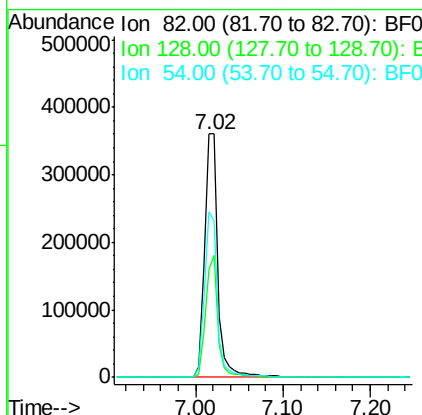
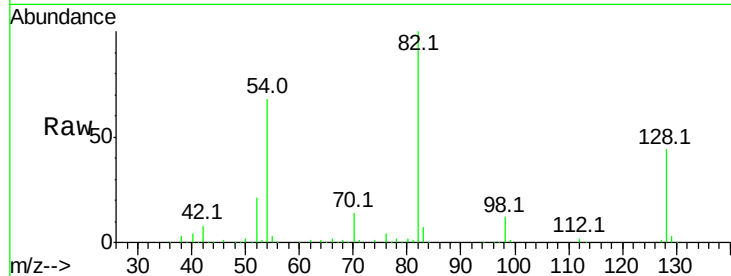




#23
 Nitrobenzene-d5
 Concen: 53.755 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BF097307.D
 Acq: 3 Aug 2017 8:44

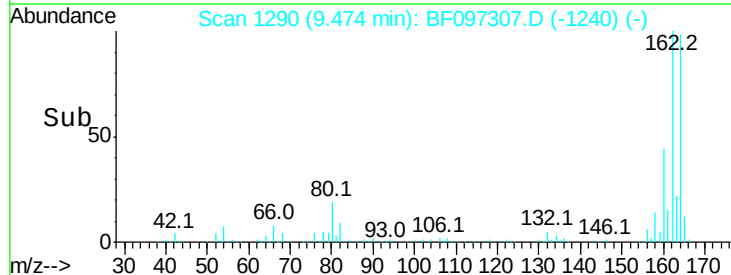
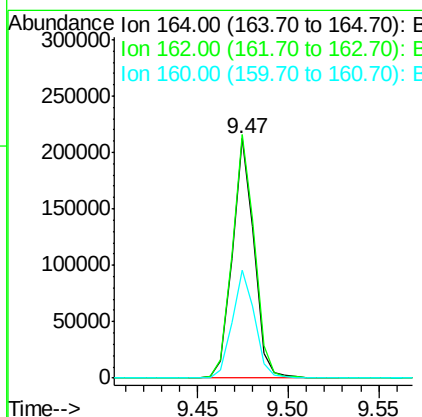
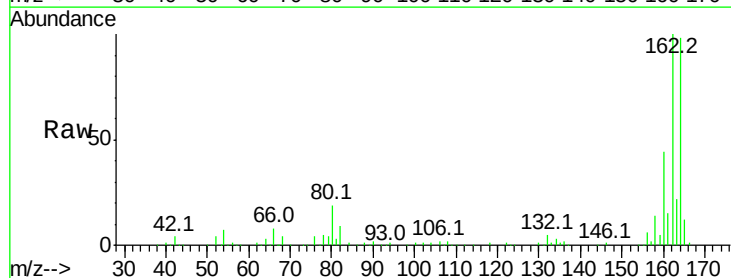
Instrument :
 BNA_F
 ClientSampled :
 GRID-3-B

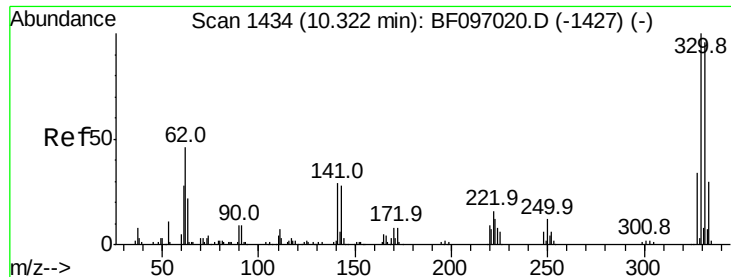
Tot Ion: 82 Resp: 381389
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.0 51.0
 54 68.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097307.D
 Acq: 3 Aug 2017 8:44

Tgt Ion: 164 Resp: 176728
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 44.9 36.2 54.2

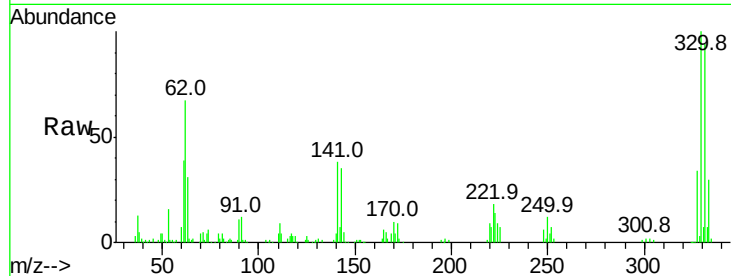




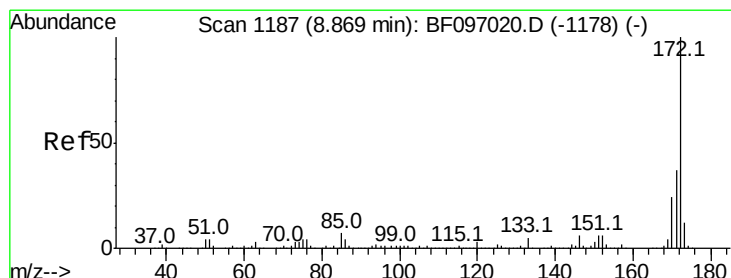
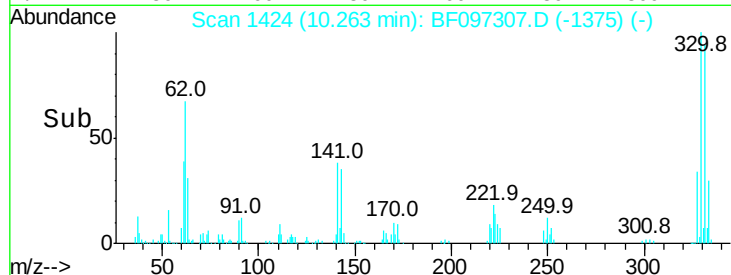
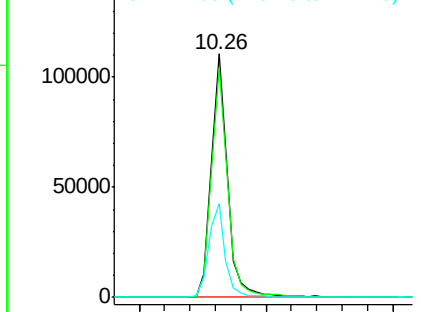
#41
 2,4,6-Tribromophenol
 Concen: 72.662 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF097307.D
 Acq: 3 Aug 2017 8:44

Instrument :
 BNA_F
 ClientSampled :
 GRID-3-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	38.4	31.4	47.2

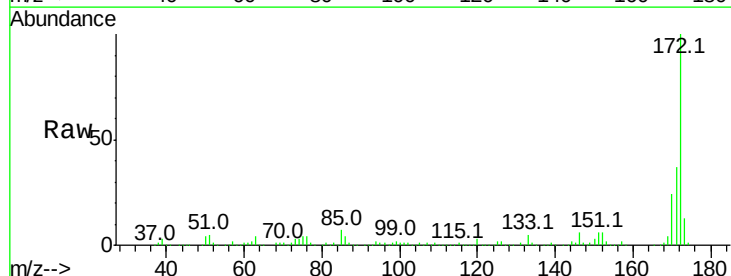


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

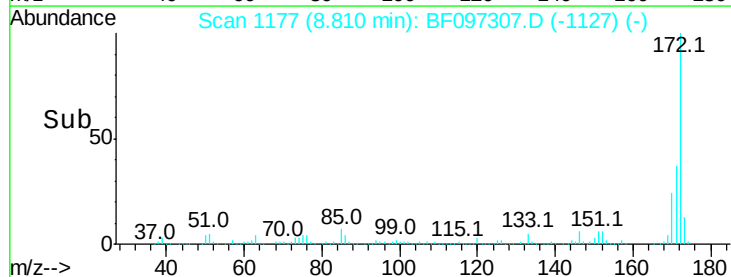
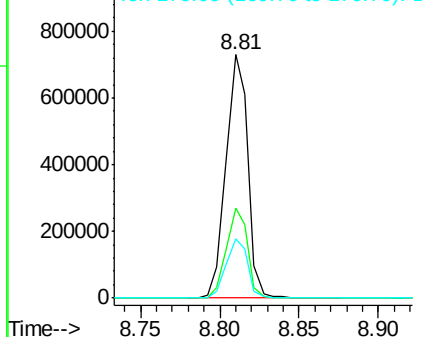


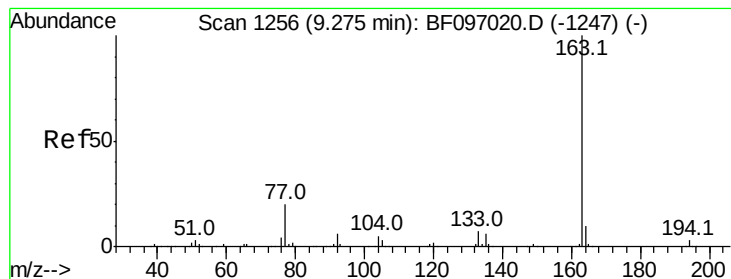
#44
 2-Fluorobiphenyl
 Concen: 66.802 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF097307.D
 Acq: 3 Aug 2017 8:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	24.5	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: 3.828 ng

RT: 9.21 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF097307.D

Acq: 3 Aug 2017 8:44

Instrument :

BNA_F

ClientSampleId :

GRID-3-B

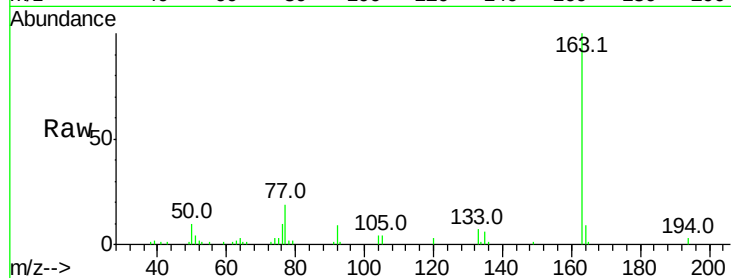
Tot Ion:163 Resp: 51379

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

164 9.5 8.4 12.6



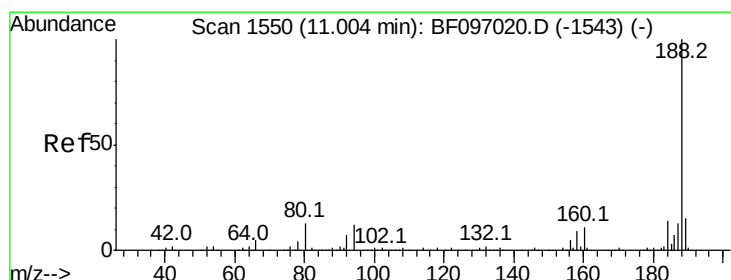
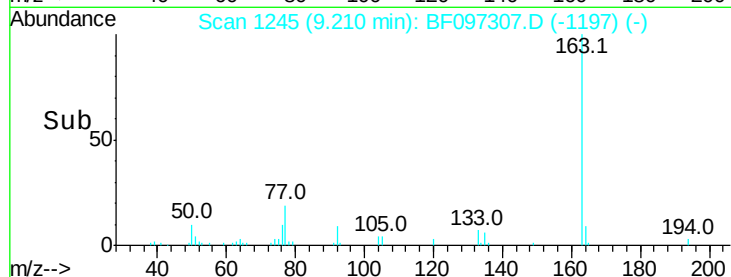
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.21

Time--> 9.15 9.20 9.25



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.95 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF097307.D

Acq: 3 Aug 2017 8:44

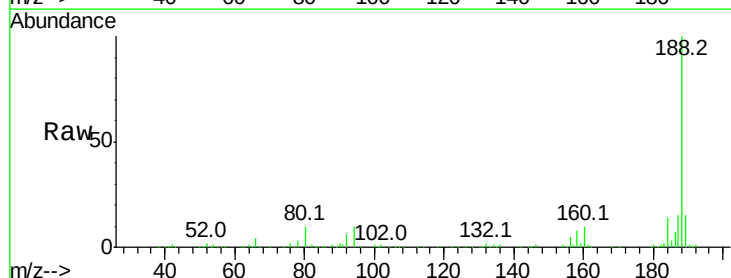
Tgt Ion:188 Resp: 285390

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

80 10.1 10.2 15.2#



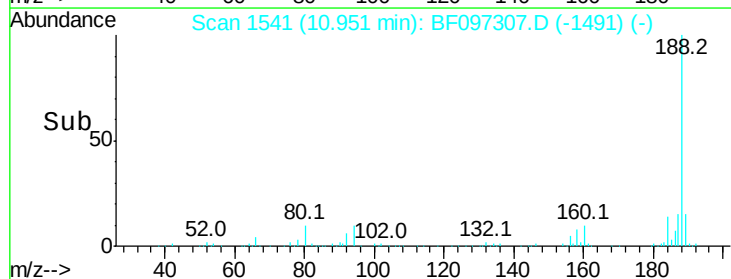
Abundance Ion 188.00 (187.70 to 188.70): E

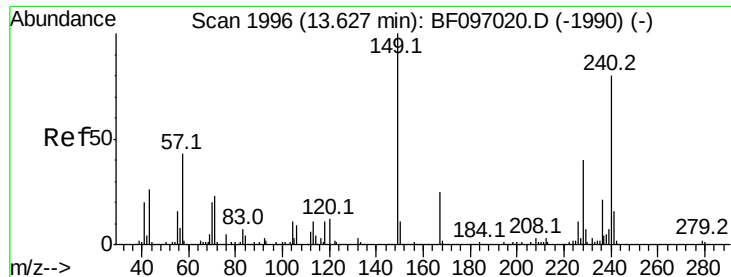
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

10.95

Time--> 10.90 10.95 11.00





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.57 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF097307.D

Acq: 3 Aug 2017 8:44

Instrument :

BNA_F

ClientSampleId :

GRID-3-B

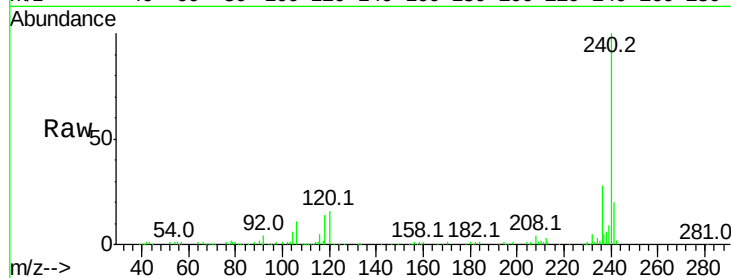
Tot Ion:240 Resp: 182558

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

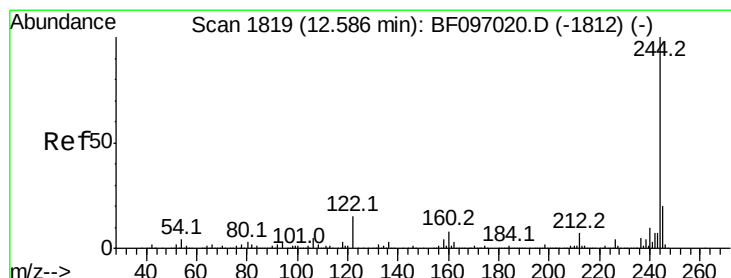
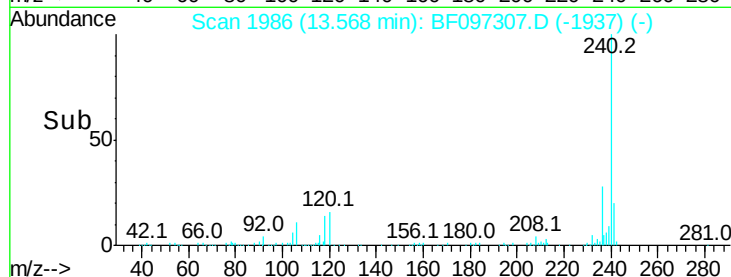
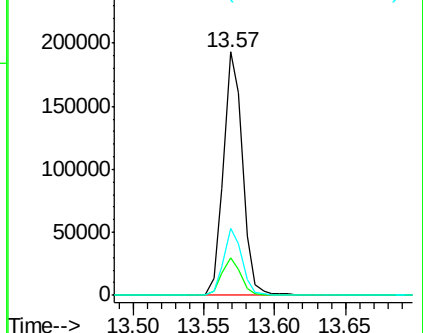
236 27.6 20.5 30.7



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: 49.005 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097307.D

Acq: 3 Aug 2017 8:44

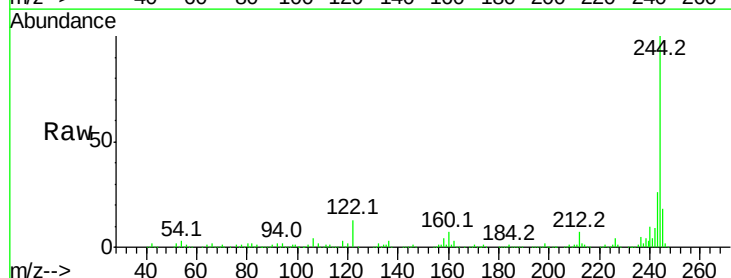
Tgt Ion:244 Resp: 438790

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

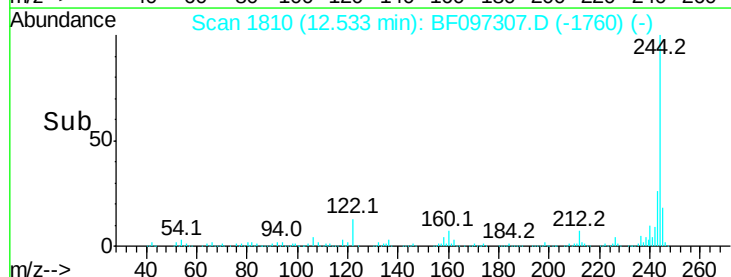
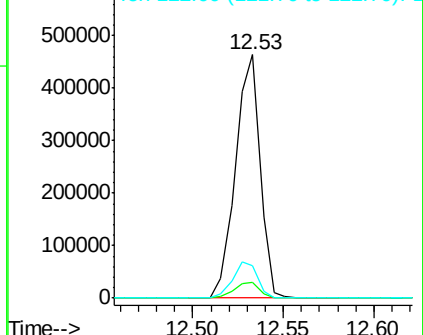
122 13.2 10.3 15.5

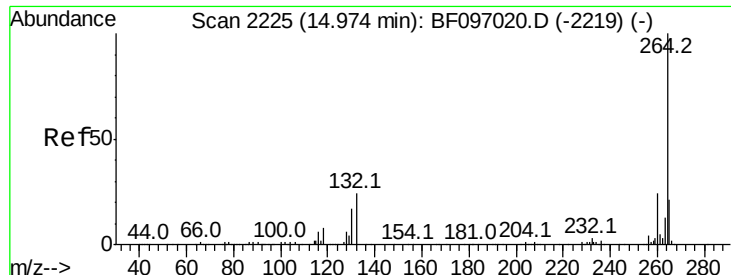


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

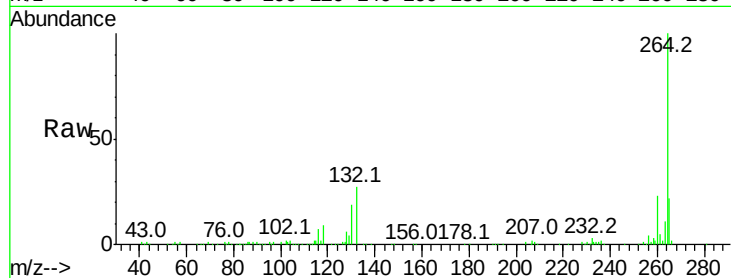




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.91 min Scan# 2214
 Delta R.T. -0.01 min
 Lab File: BF097307.D
 Acq: 3 Aug 2017 8:44

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.9	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

