

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097424.D
 Acq On : 6 Aug 2017 7:02
 Operator : SJ/JU
 Sample : I4595-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

Quant Time: Aug 06 08:10:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

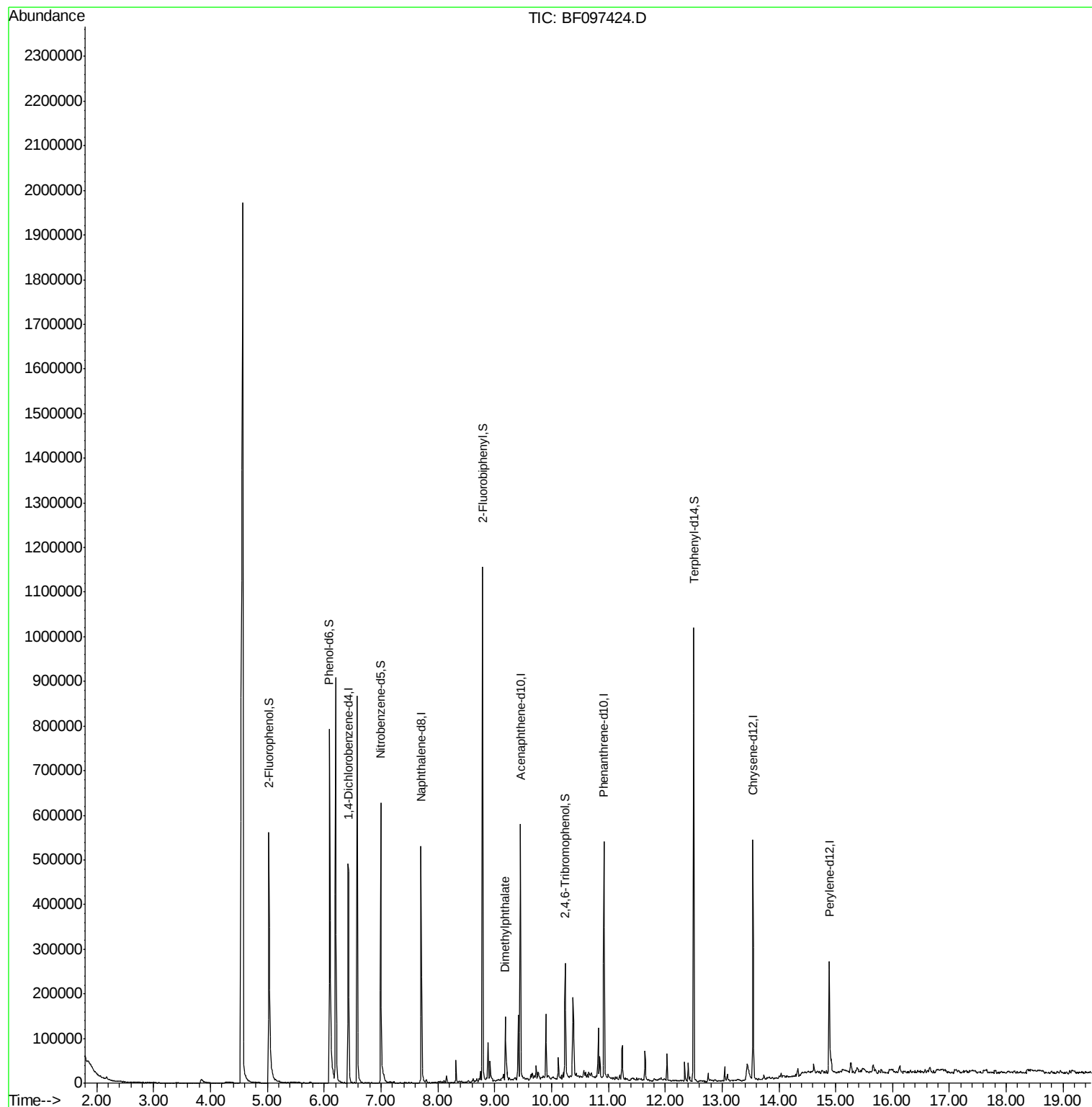
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	82927	20.00	ng	-0.07
21) Naphthalene-d8	7.70	136	280244	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	108256	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	178425	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	170684	20.00	ng	-0.08
86) Perylene-d12	14.89	264	106187	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	250781	45.59	ng	-0.08
7) Phenol-d6	6.09	99	338635	53.92	ng	-0.08
23) Nitrobenzene-d5	6.99	82	207739	43.49	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	30384	35.52	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	380445	59.64	ng	-0.08
78) Terphenyl-d14	12.50	244	295374	35.28	ng	-0.08
Target Compounds						
49) Dimethylphthalate	9.19	163	50221	6.109	ng	Qvalue 97

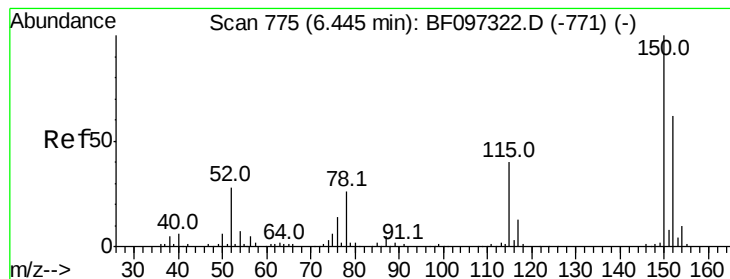
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.43 min Scan# 789

Delta R.T. -0.07 min

Lab File: BF097424.D

Acq: 6 Aug 2017 7:02

Instrument :

BNA_F

ClientSampleId :

72-11976

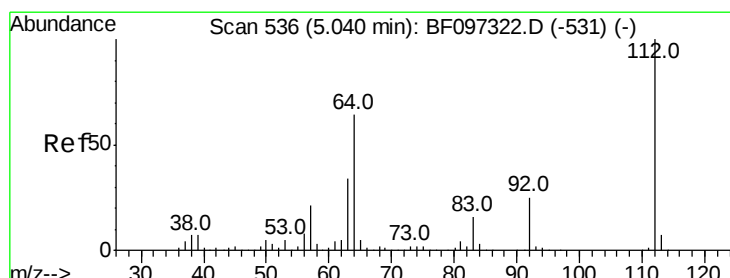
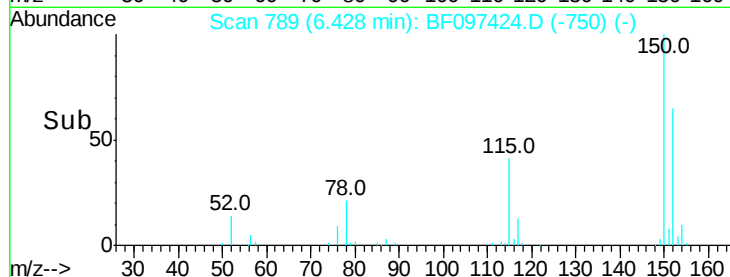
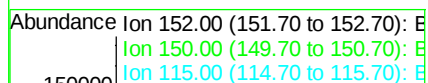
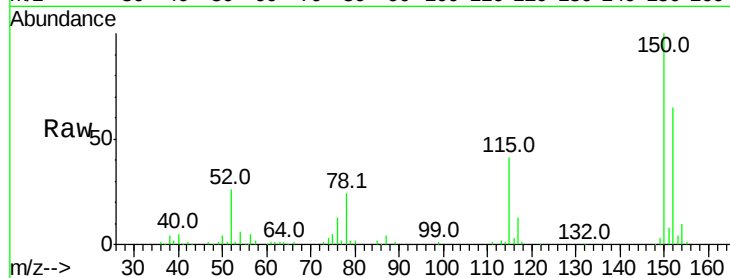
Tot Ion:152 Resp: 82927

Ion Ratio Lower Upper

152 100

150 154.9 126.2 189.2

115 63.5 52.2 78.2



#5

2-Fluorophenol

Concen: 45.588 ng

RT: 5.02 min Scan# 550

Delta R.T. -0.08 min

Lab File: BF097424.D

Acq: 6 Aug 2017 7:02

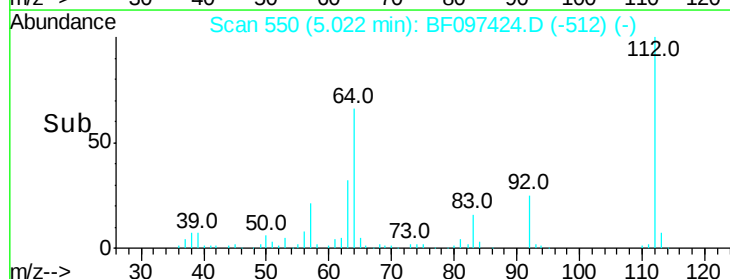
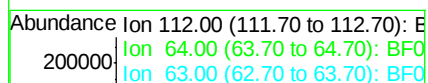
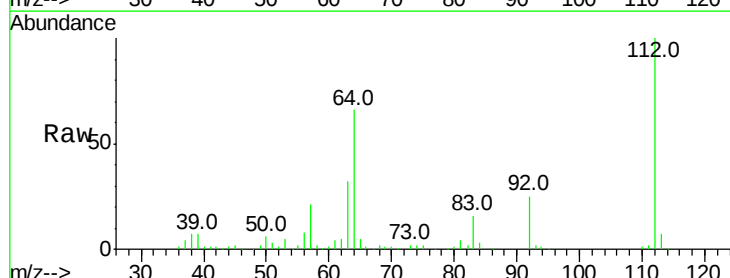
Tgt Ion:112 Resp: 250781

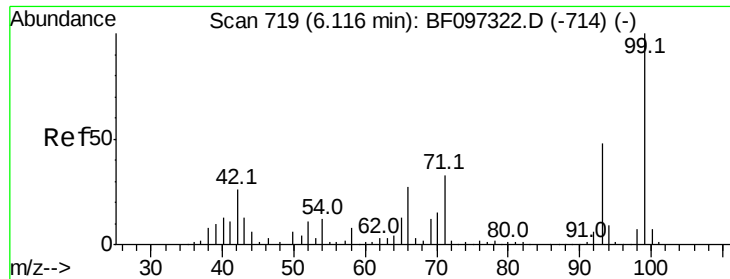
Ion Ratio Lower Upper

112 100

64 66.4 46.0 69.0

63 32.2 23.4 35.0





#7

Phenol-d6

Concen: 53.922 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF097424.D

Acq: 6 Aug 2017 7:02

Instrument :

BNA_F

ClientSampleId :

72-11976

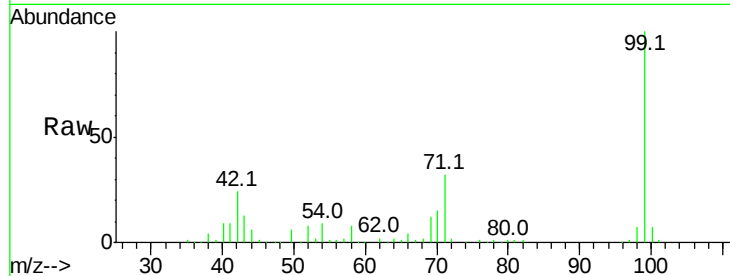
Tot Ion: 99 Resp: 338635

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

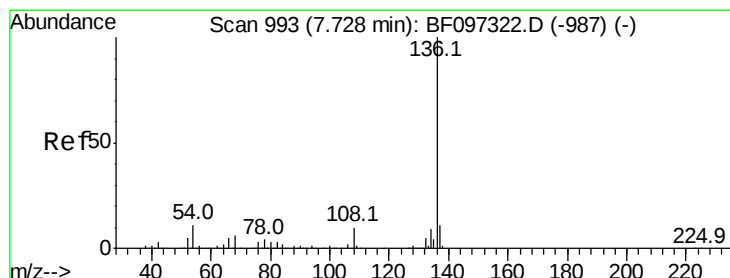
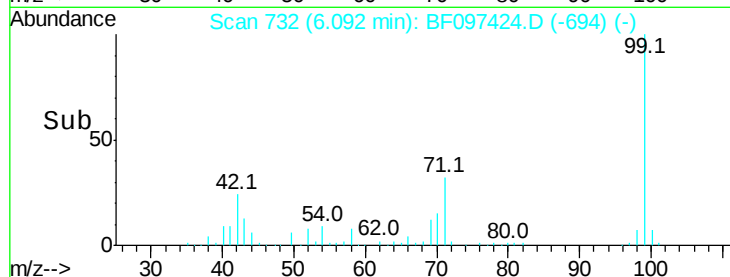
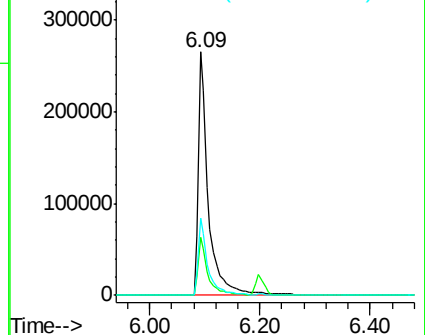
71 31.5 24.5 36.7



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: 7.70 min Scan# 1006

Delta R.T. -0.08 min

Lab File: BF097424.D

Acq: 6 Aug 2017 7:02

Tgt Ion: 136 Resp: 280244

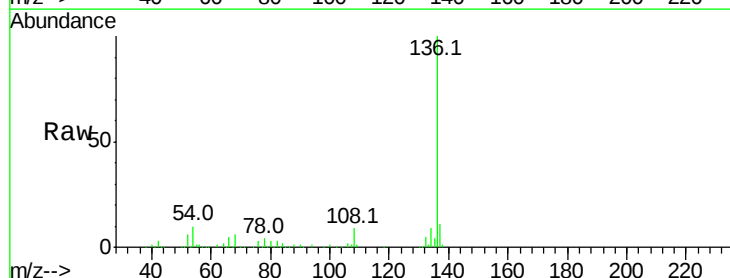
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.2 4.9 7.3#

68 5.8 4.1 6.1

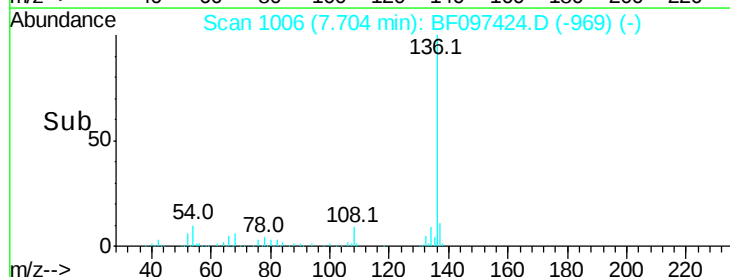
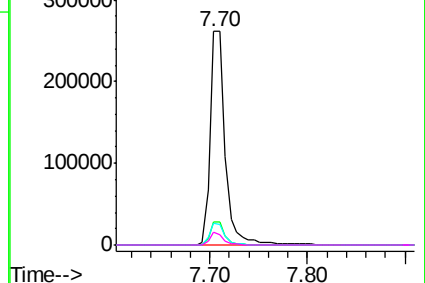


Abundance Ion 136.00 (135.70 to 136.70): E

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

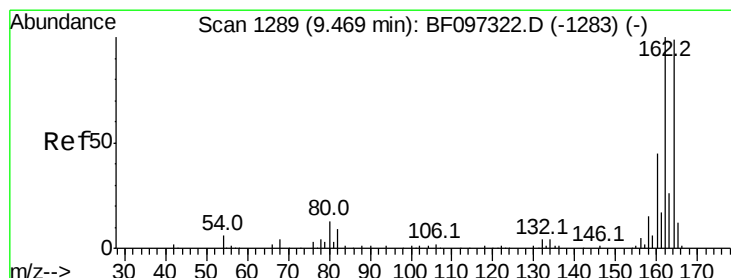
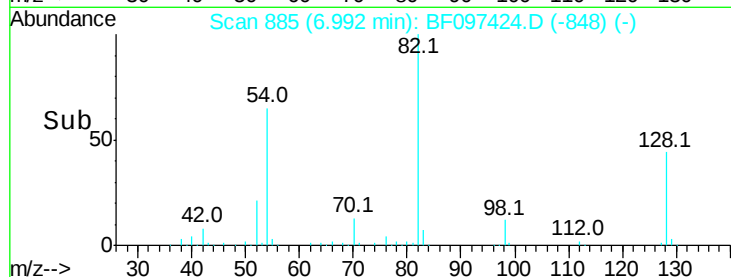
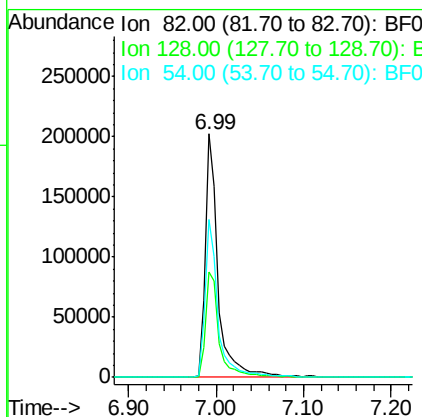
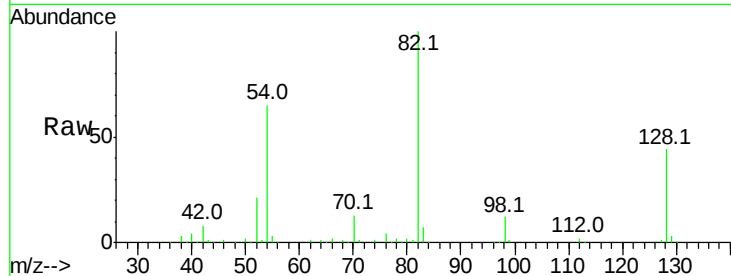




#23
 Nitrobenzene-d5
 Concen: 43.486 ng
 RT: 6.99 min Scan# 885
 Delta R.T. -0.08 min
 Lab File: BF097424.D
 Acq: 6 Aug 2017 7:02

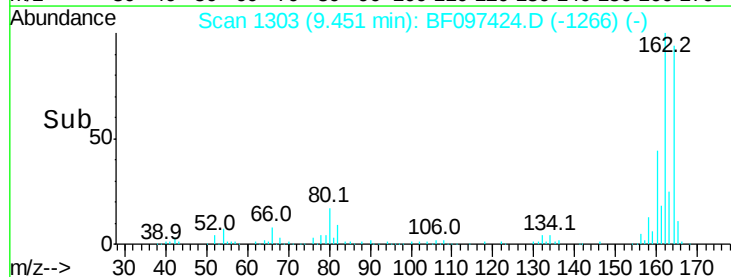
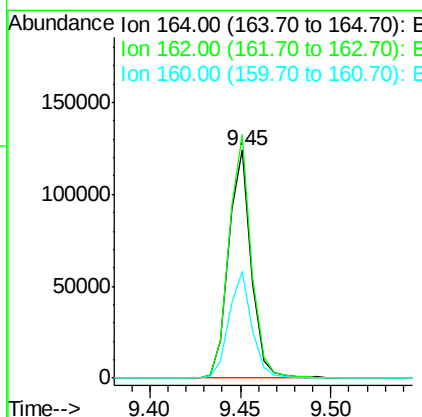
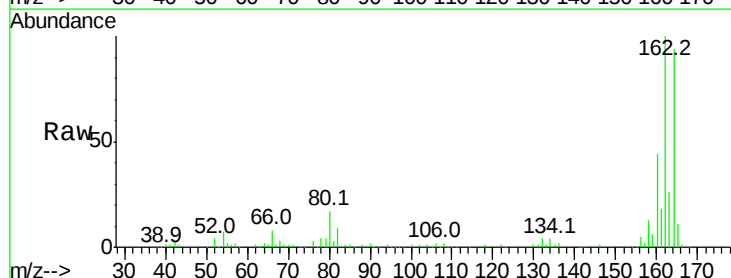
Instrument :
 BNA_F
 ClientSampleId :
 72-11976

Tot Ion: 82 Resp: 207739
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.0 51.0
 54 65.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.08 min
 Lab File: BF097424.D
 Acq: 6 Aug 2017 7:02

Tgt Ion:164 Resp: 108256
 Ion Ratio Lower Upper
 164 100
 162 106.7 82.6 123.8
 160 46.8 36.2 54.2

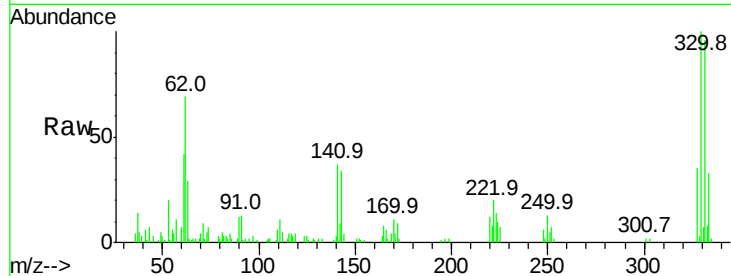




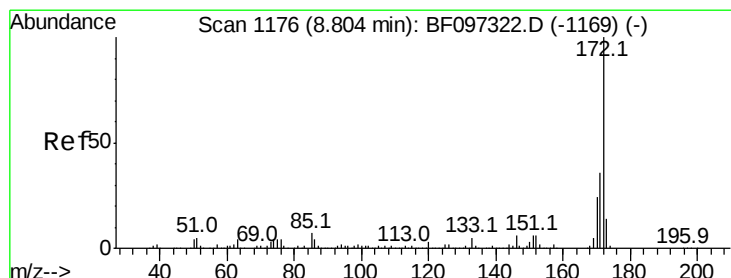
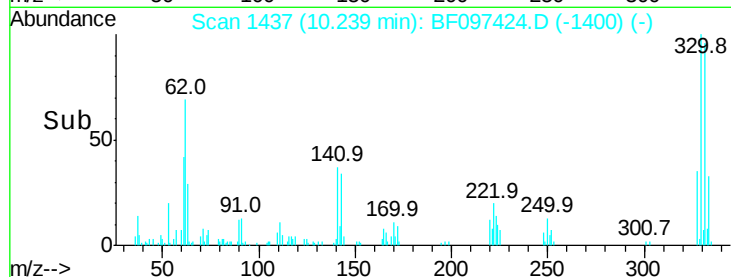
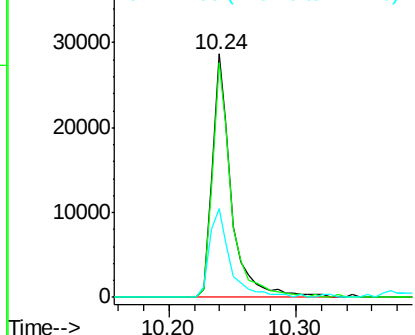
#41
 2,4,6-Tribromophenol
 Concen: 35.523 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097424.D
 Acq: 6 Aug 2017 7:02

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	39.8	31.4	47.2

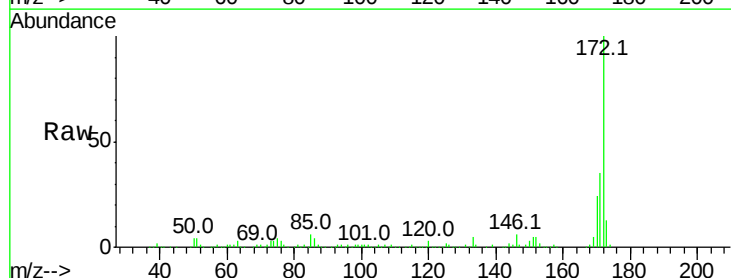


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

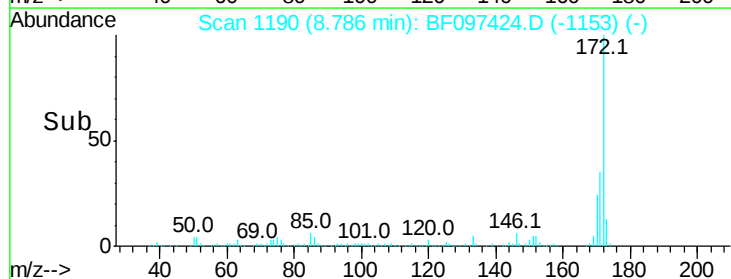
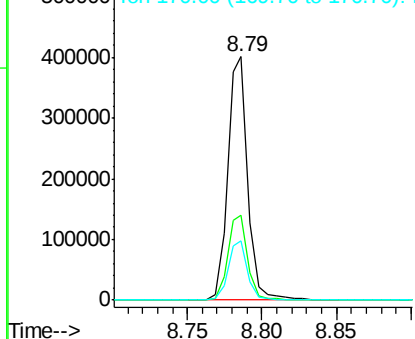


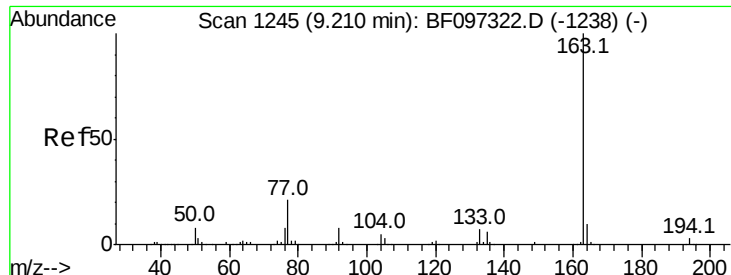
#44
 2-Fluorobiphenyl
 Concen: 59.641 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097424.D
 Acq: 6 Aug 2017 7:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	24.2	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

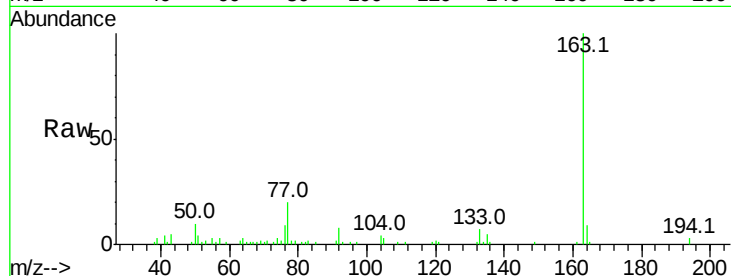




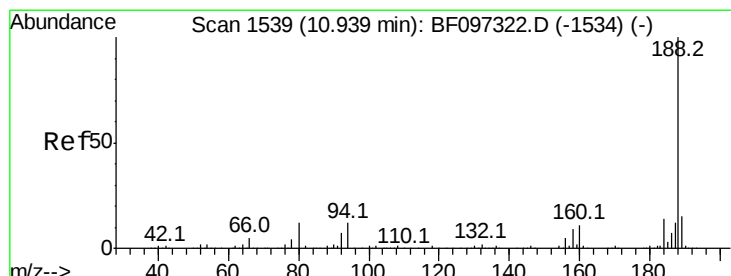
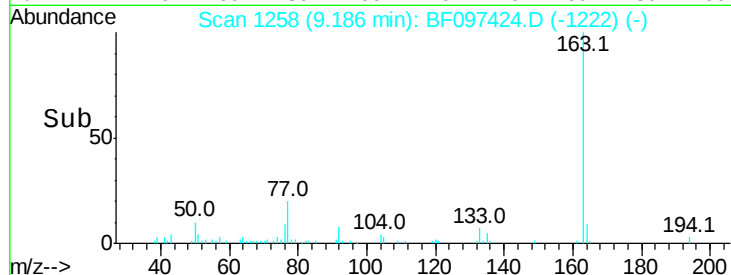
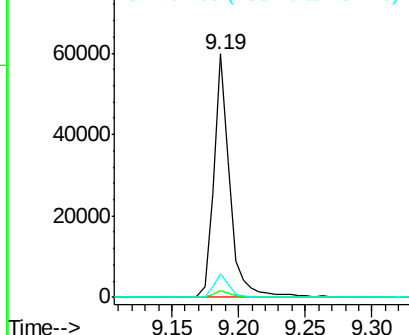
#49
Dimethylphthalate
Concen: 6.109 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097424.D
Acq: 6 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :
72-11976

Tot Ion:163 Resp: 50221
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 9.4 8.4 12.6

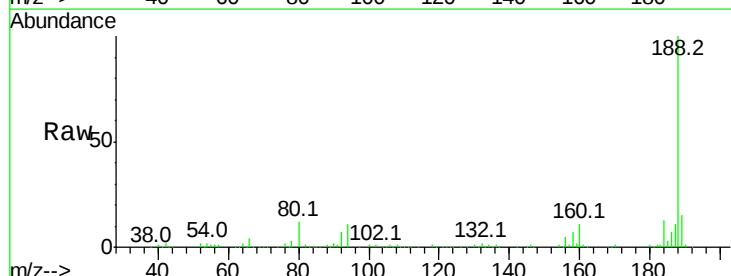


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

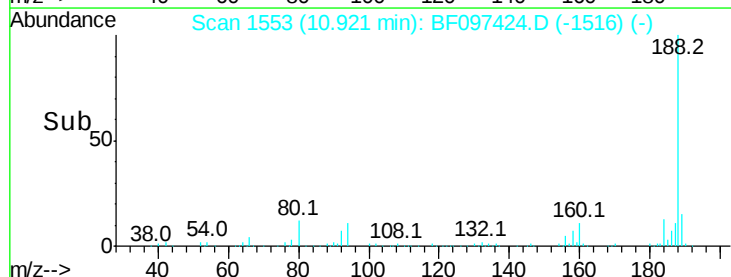
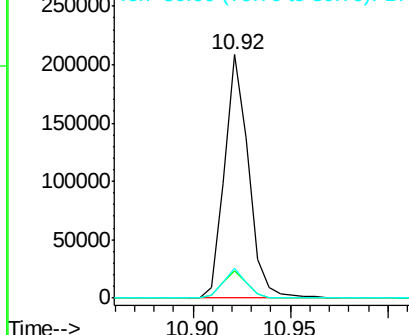


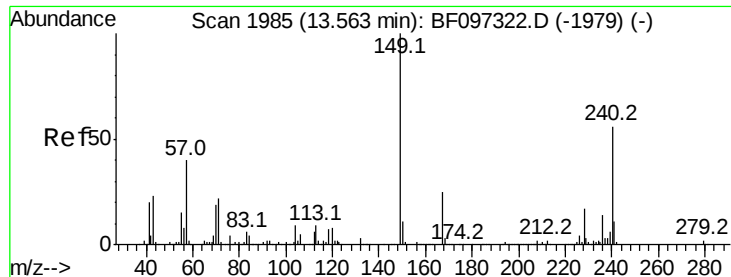
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097424.D
Acq: 6 Aug 2017 7:02

Tgt Ion:188 Resp: 178425
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.1 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.54 min Scan# 1999

Delta R.T. -0.08 min

Lab File: BF097424.D

Acq: 6 Aug 2017 7:02

Instrument :

BNA_F

ClientSampleId :

72-11976

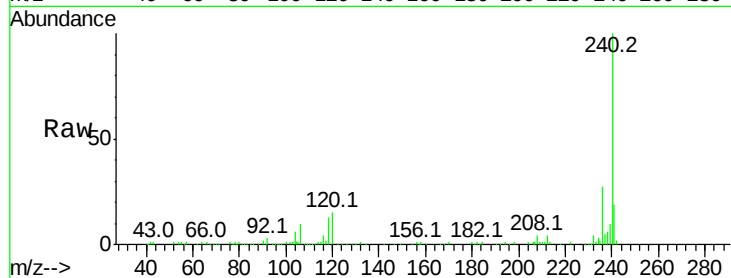
Tot Ion:240 Resp: 170684

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

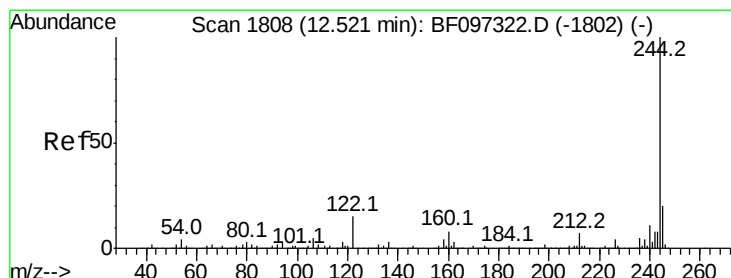
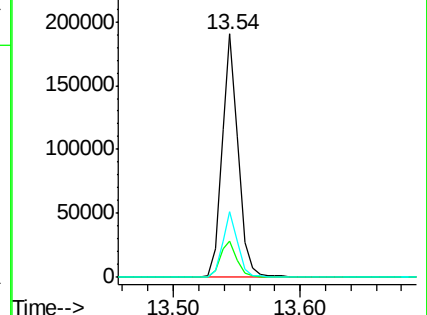
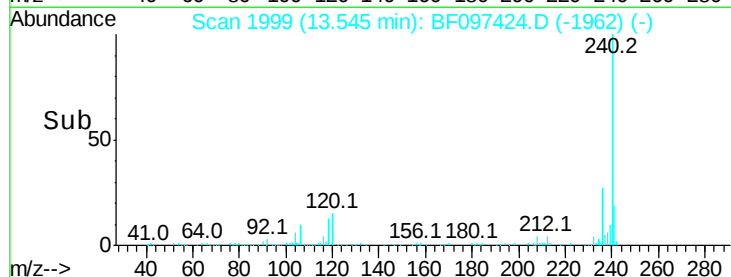
236 27.0 20.5 30.7



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: 35.283 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097424.D

Acq: 6 Aug 2017 7:02

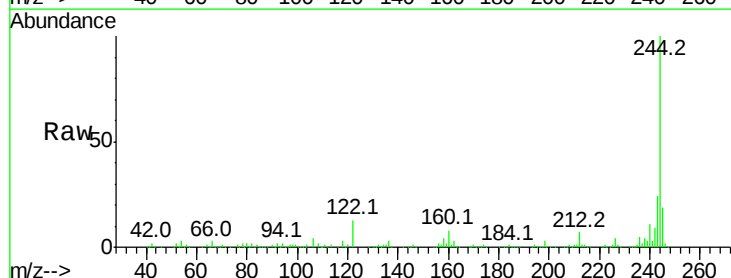
Tgt Ion:244 Resp: 295374

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

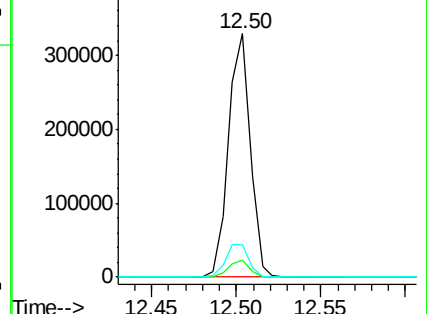
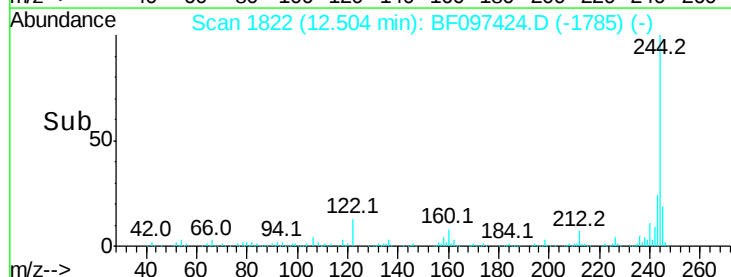
122 13.5 10.3 15.5

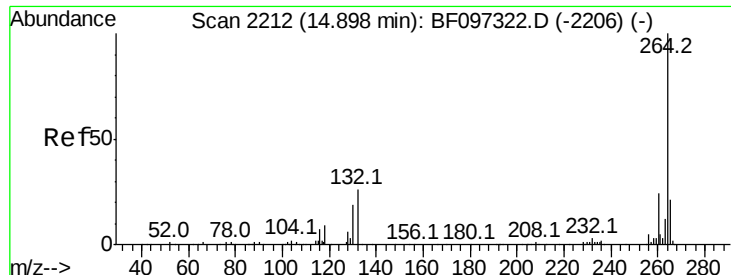


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

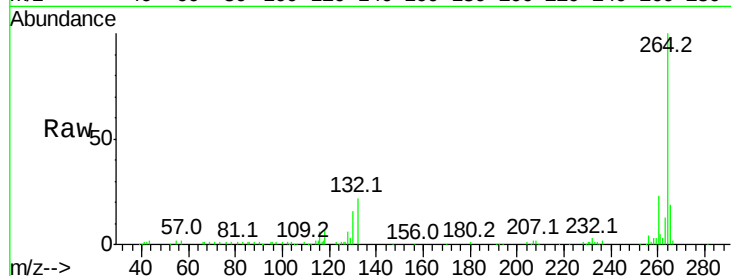




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097424.D
Acq: 6 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :
72-11976

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	19.5	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

