

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098127.D
 Acq On : 29 Aug 2017 22:53
 Operator : SJ/JU
 Sample : I4992-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SECTION-1-STONES

Quant Time: Aug 30 06:39:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

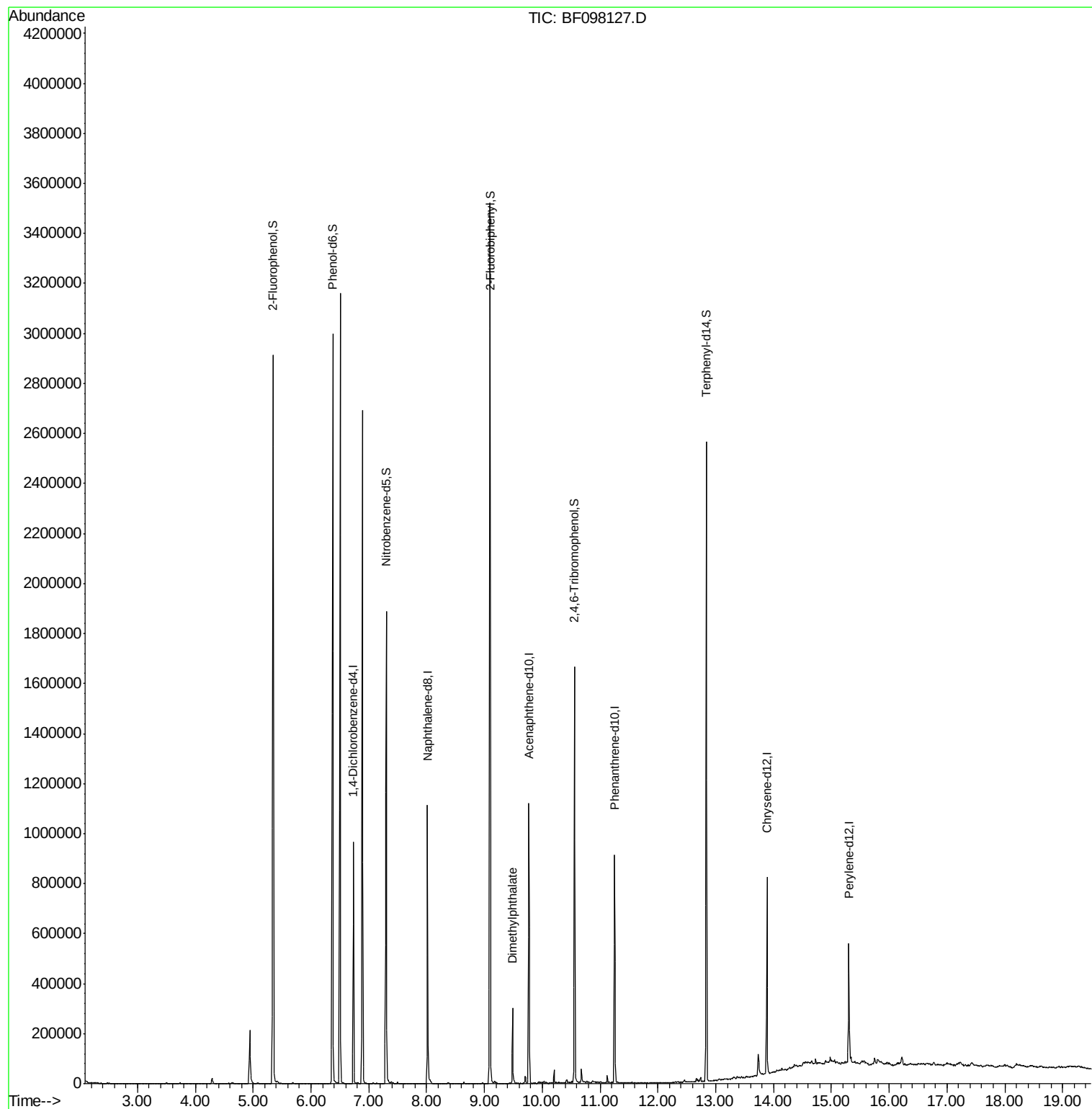
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	125002	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	481920	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	190550	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	301706	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	257350	20.00	ng	-0.01
86) Perylene-d12	15.30	264	200298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	954146	116.10	ng	0.00
7) Phenol-d6	6.37	99	1278726	114.52	ng	-0.01
23) Nitrobenzene-d5	7.30	82	795105	89.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	179838	108.77	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1130633	87.18	ng	-0.01
78) Terphenyl-d14	12.84	244	736900	59.71	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.49	163	104683	7.516	ng	Qvalue 98

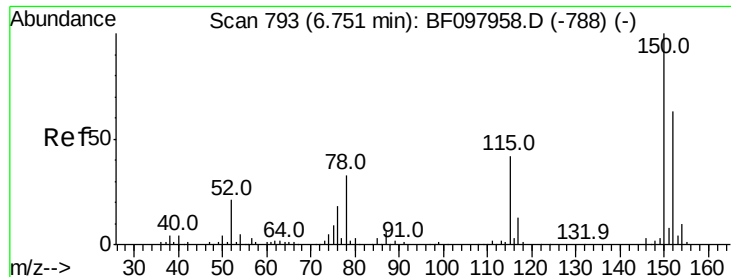
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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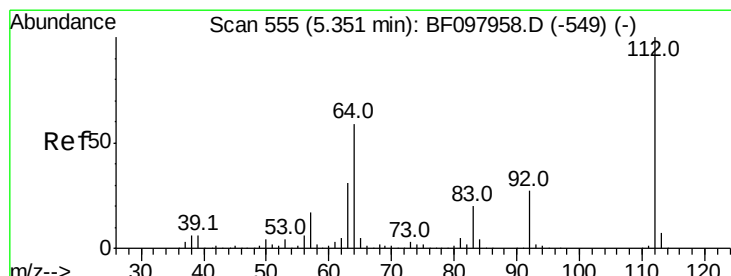
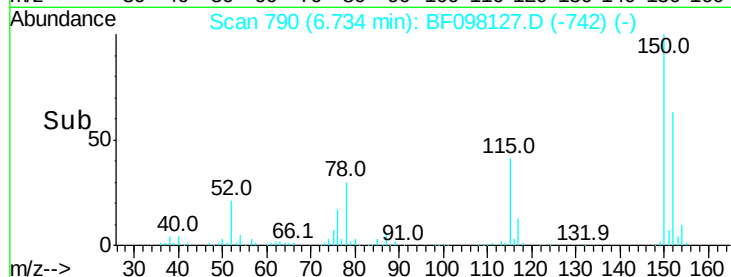
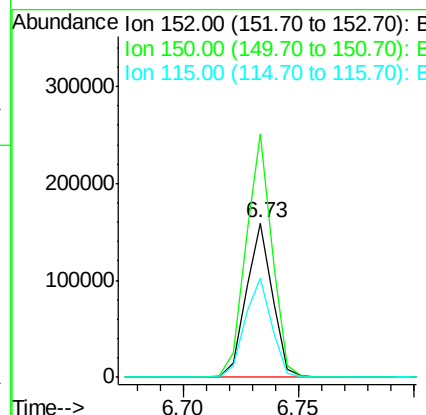
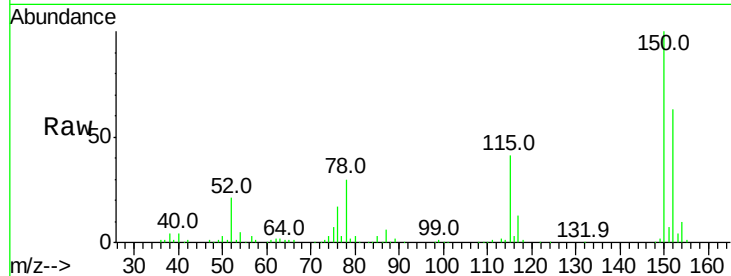


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF098127.D
 Acq: 29 Aug 2017 22:53

Instrument :
 BNA_F
 ClientSampleId :
 SECTION-1-STONES

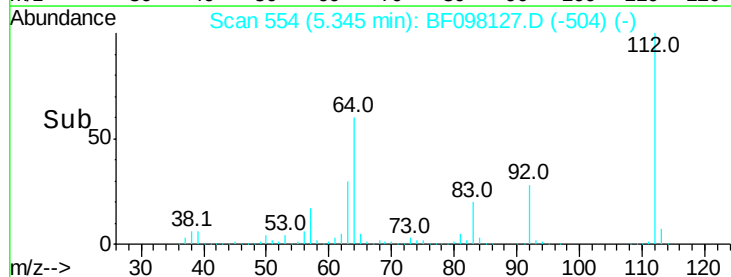
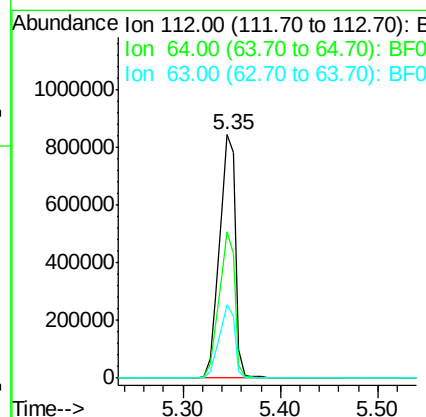
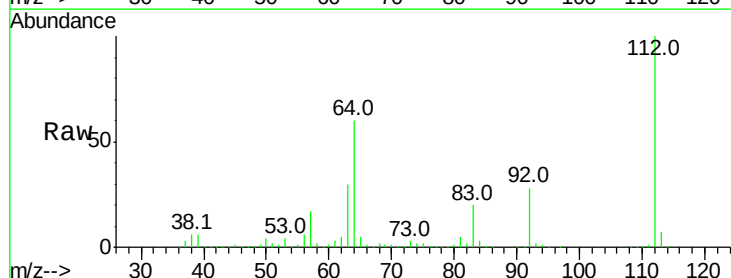
Tot Ion:152 Resp: 125002
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.2 189.2
 115 64.1 52.2 78.2

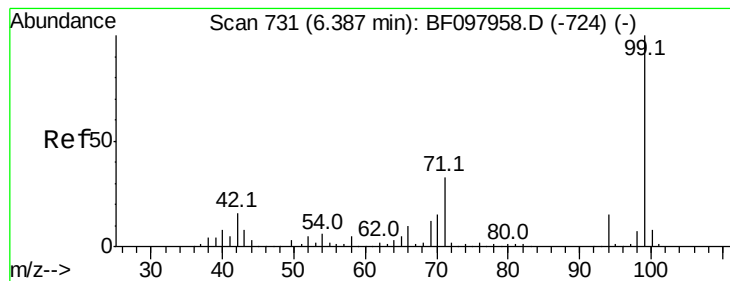


#5

2-Fluorophenol
 Concen: 116.104 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF098127.D
 Acq: 29 Aug 2017 22:53

Tgt Ion:112 Resp: 954146
 Ion Ratio Lower Upper
 112 100
 64 60.2 46.0 69.0
 63 30.2 23.4 35.0





#7

Phenol-d6

Concen: 114.520 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

Instrument :

BNA_F

ClientSampleId :

SECTION-1-STONES

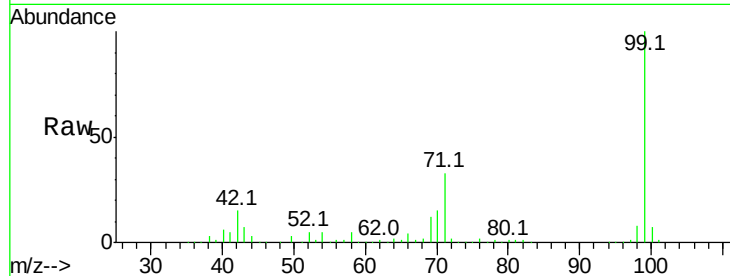
Tot Ion: 99 Resp: 1278726

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

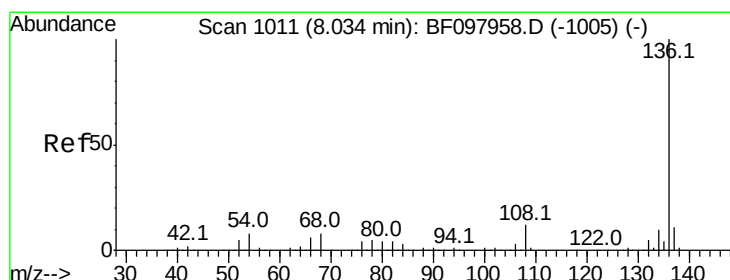
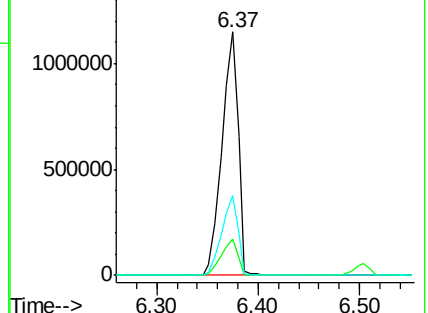
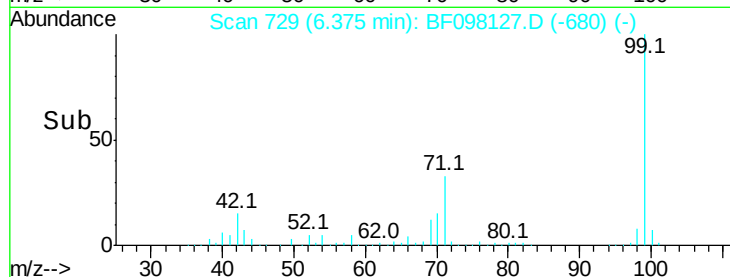
71 32.7 24.5 36.7



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: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

Tgt Ion: 136 Resp: 481920

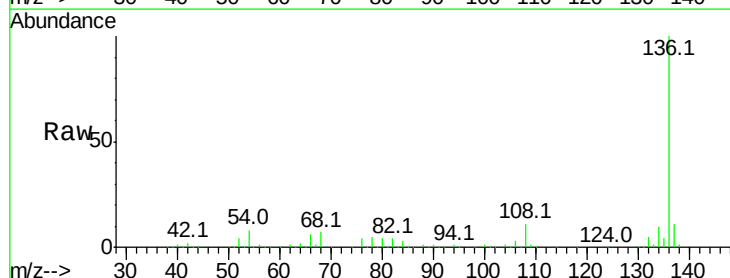
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.8 4.9 7.3#

68 7.4 4.1 6.1#

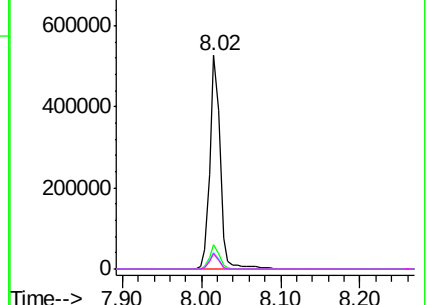
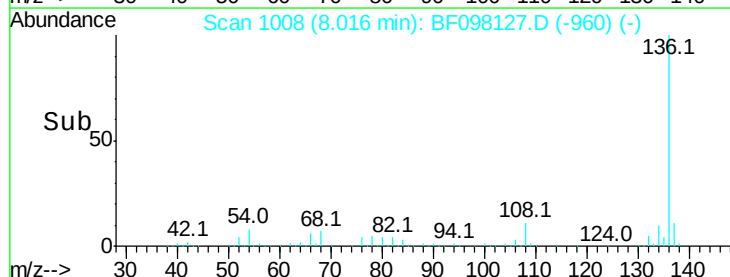


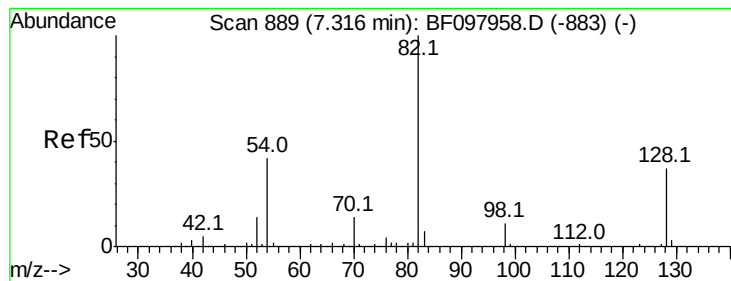
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.628 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

Instrument :

BNA_F

ClientSampleId :

SECTION-1-STONES

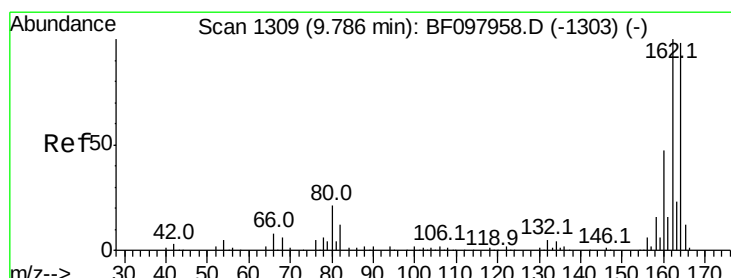
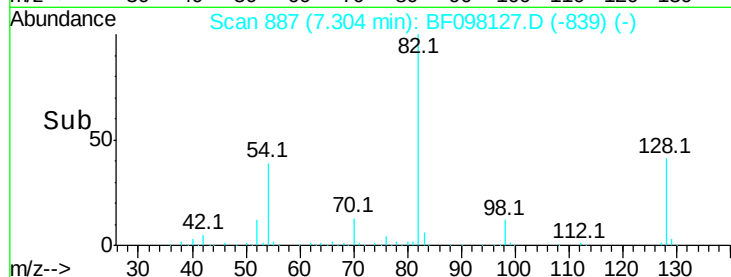
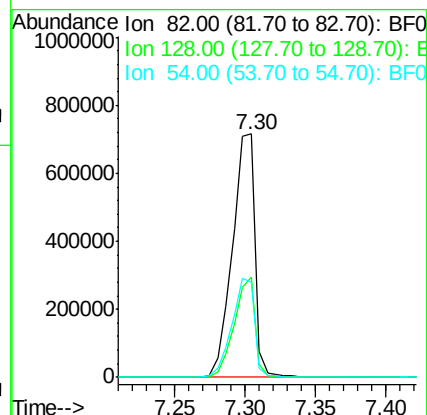
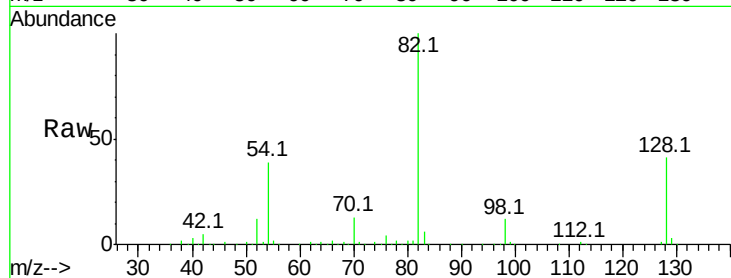
Tot Ion: 82 Resp: 795105

Ion Ratio Lower Upper

82 100

128 41.1 34.0 51.0

54 39.2 42.2 63.2#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

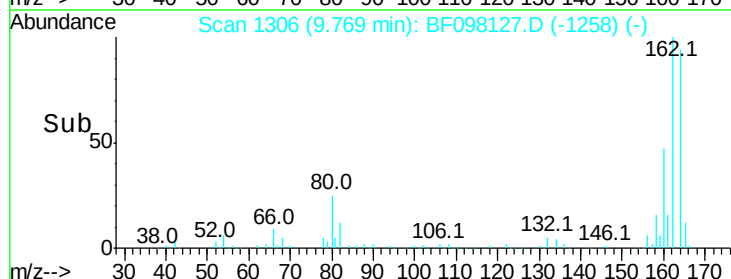
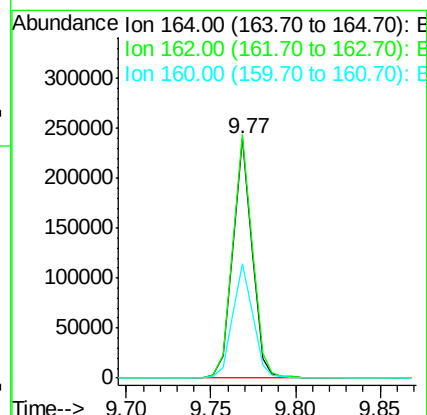
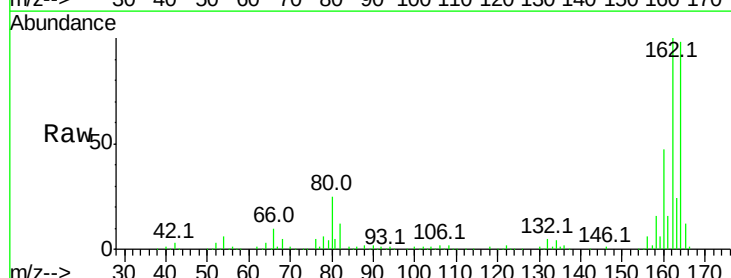
Tgt Ion:164 Resp: 190550

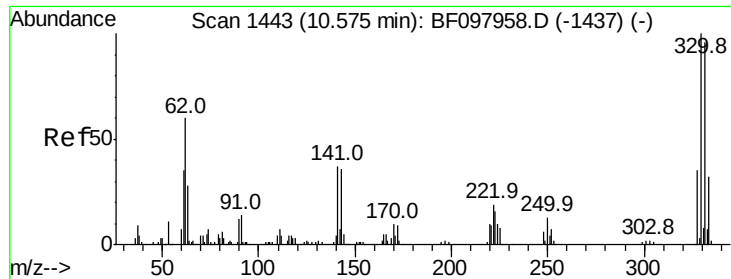
Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

160 47.8 36.2 54.2

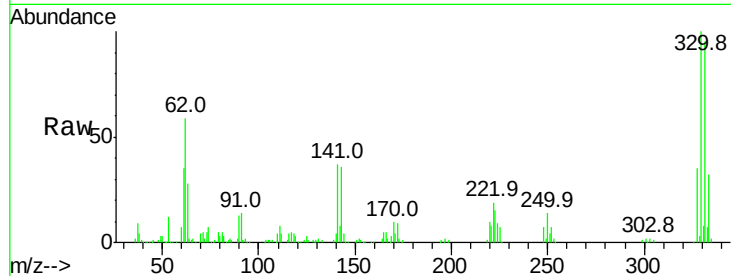




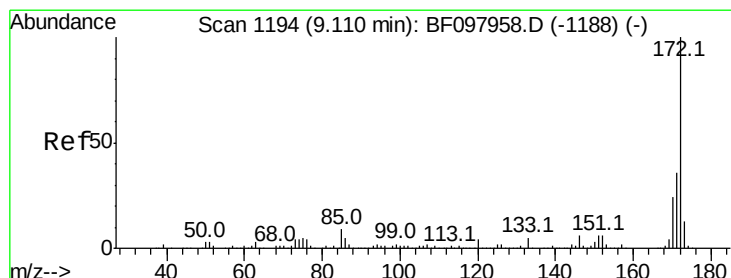
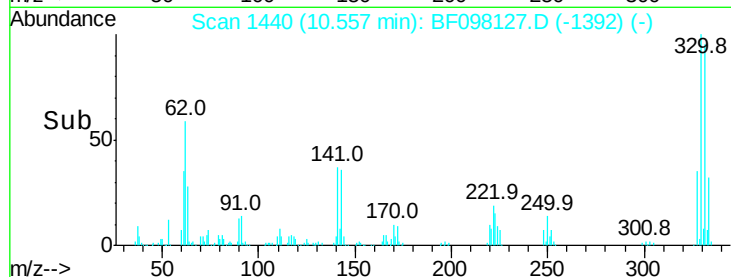
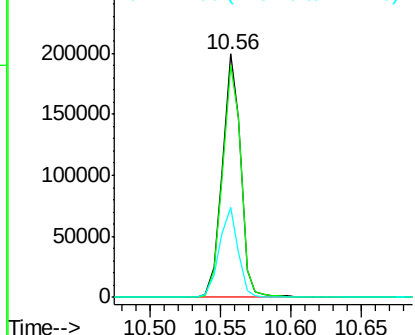
#41
 2,4,6-Tribromophenol
 Concen: 108.773 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098127.D
 Acq: 29 Aug 2017 22:53

Instrument :
 BNA_F
 ClientSampleId :
 SECTION-1-STONES

Tot Ion:330 Resp: 179838
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 37.8 31.4 47.2

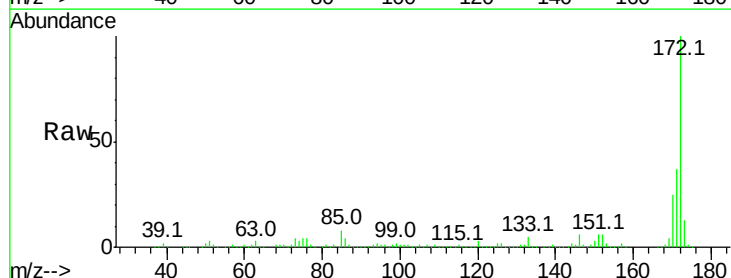


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

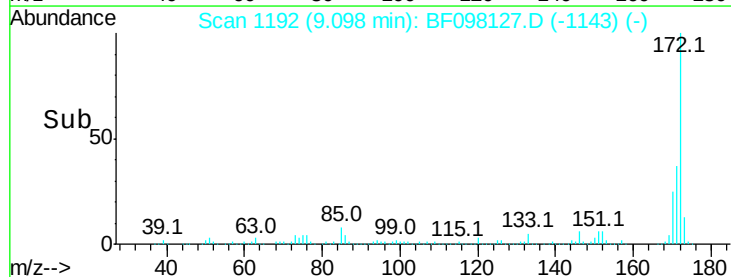
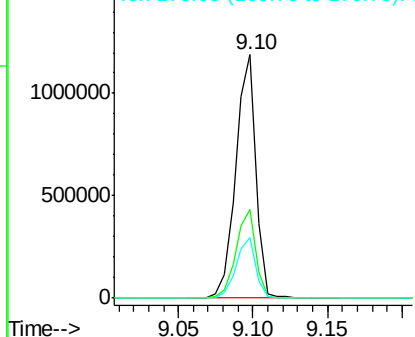


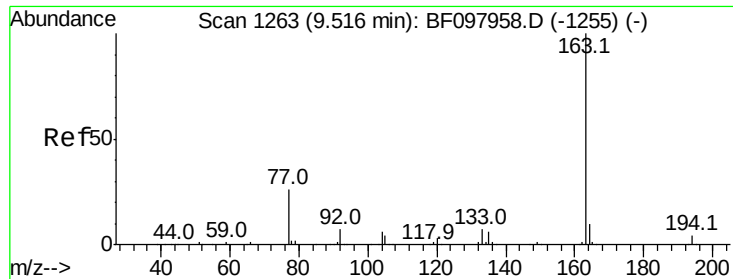
#44
 2-Fluorobiphenyl
 Concen: 87.176 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098127.D
 Acq: 29 Aug 2017 22:53

Tgt Ion:172 Resp: 1130633
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.7 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: 7.516 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

Instrument :

BNA_F

ClientSampleId :

SECTION-1-STONES

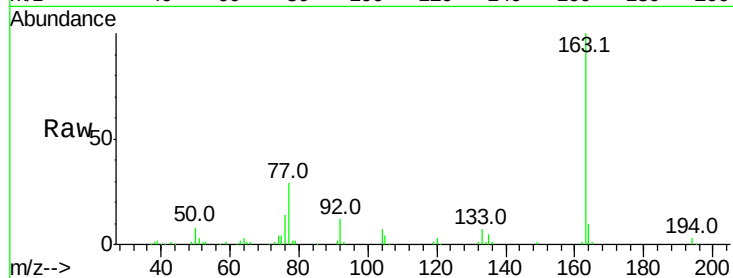
Tot Ion:163 Resp: 104683

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

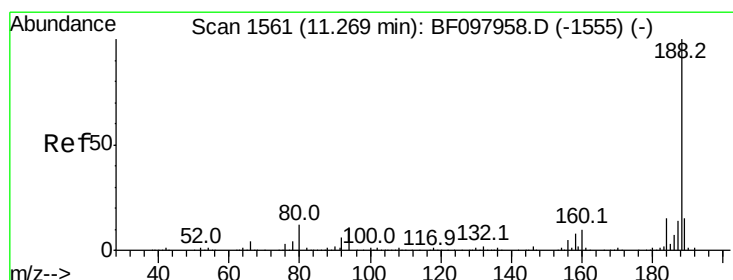
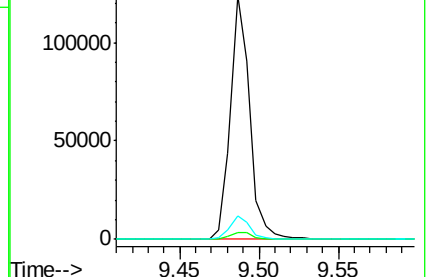
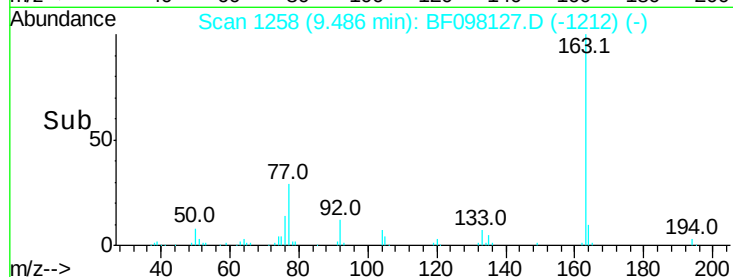
164 9.7 8.4 12.6



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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

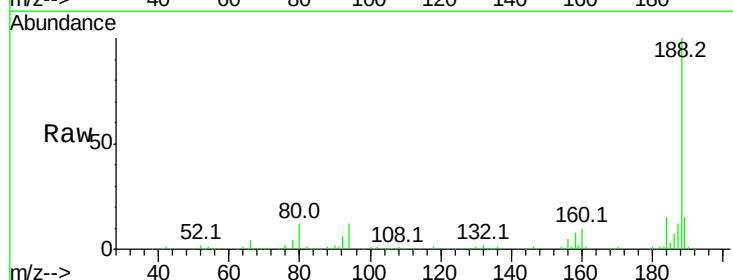
Tgt Ion:188 Resp: 301706

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

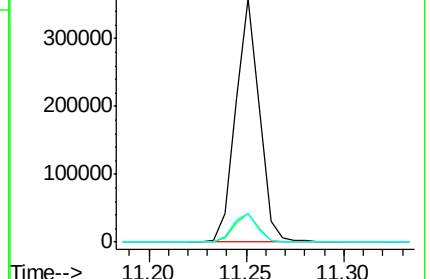
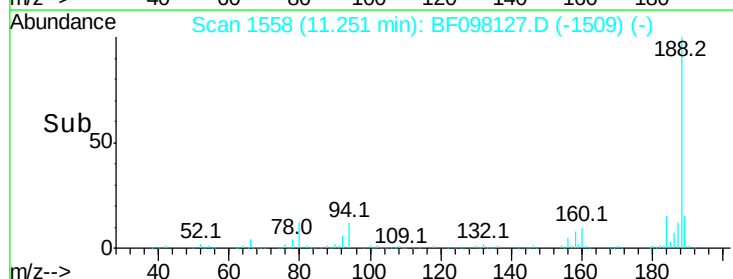
80 11.9 10.2 15.2

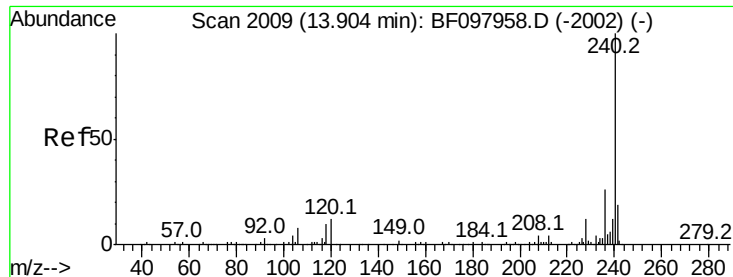


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

Instrument :

BNA_F

ClientSampleId :

SECTION-1-STONES

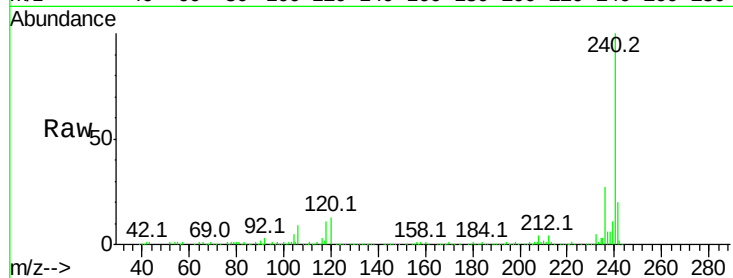
Tot Ion:240 Resp: 257350

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

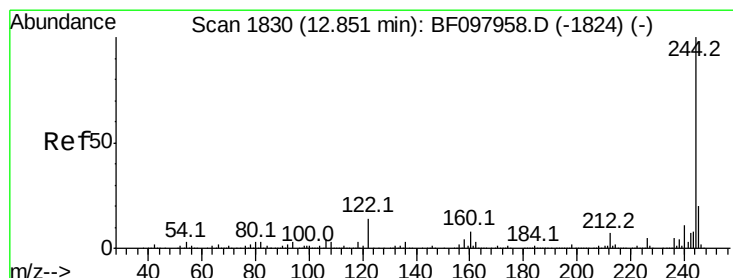
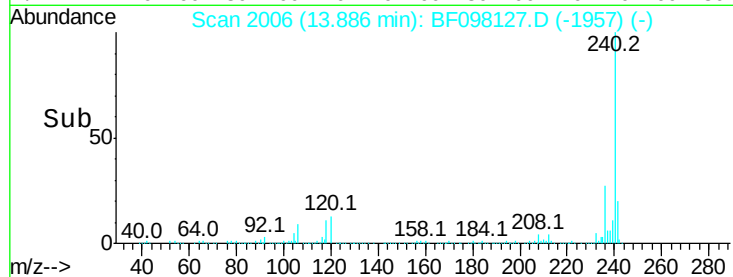
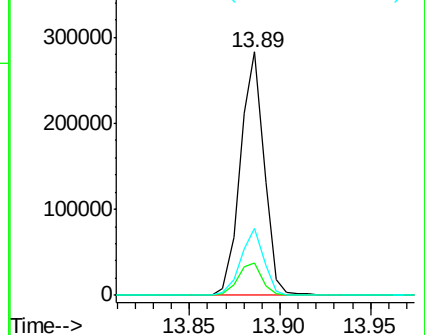
236 27.4 20.5 30.7



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: 59.712 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

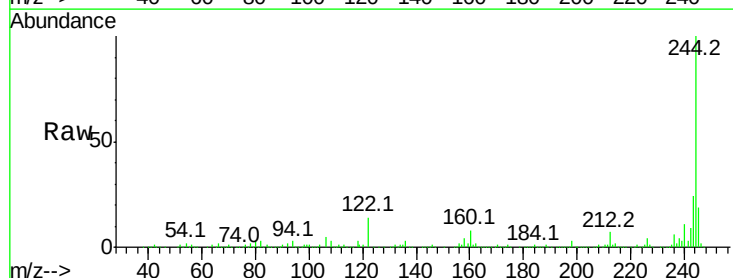
Tgt Ion:244 Resp: 736900

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

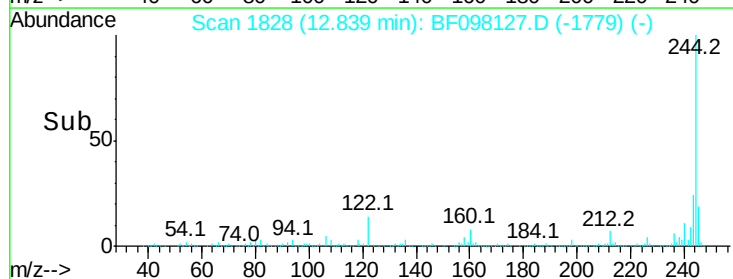
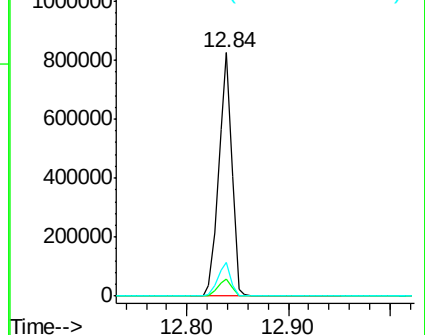
122 13.7 10.3 15.5

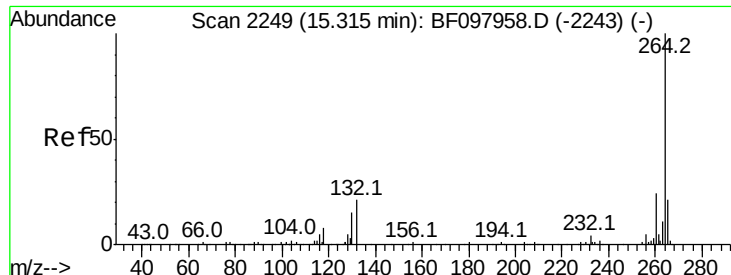


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098127.D
 Acq: 29 Aug 2017 22:53

Instrument :
 BNA_F
 ClientSampleId :
 SECTION-1-STONES

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.5	29.3
265	22.3	17.2	25.8

