

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098128.D
 Acq On : 29 Aug 2017 23:22
 Operator : SJ/JU
 Sample : I4992-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SECTION-2-STONES

Quant Time: Aug 30 06:44:09 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

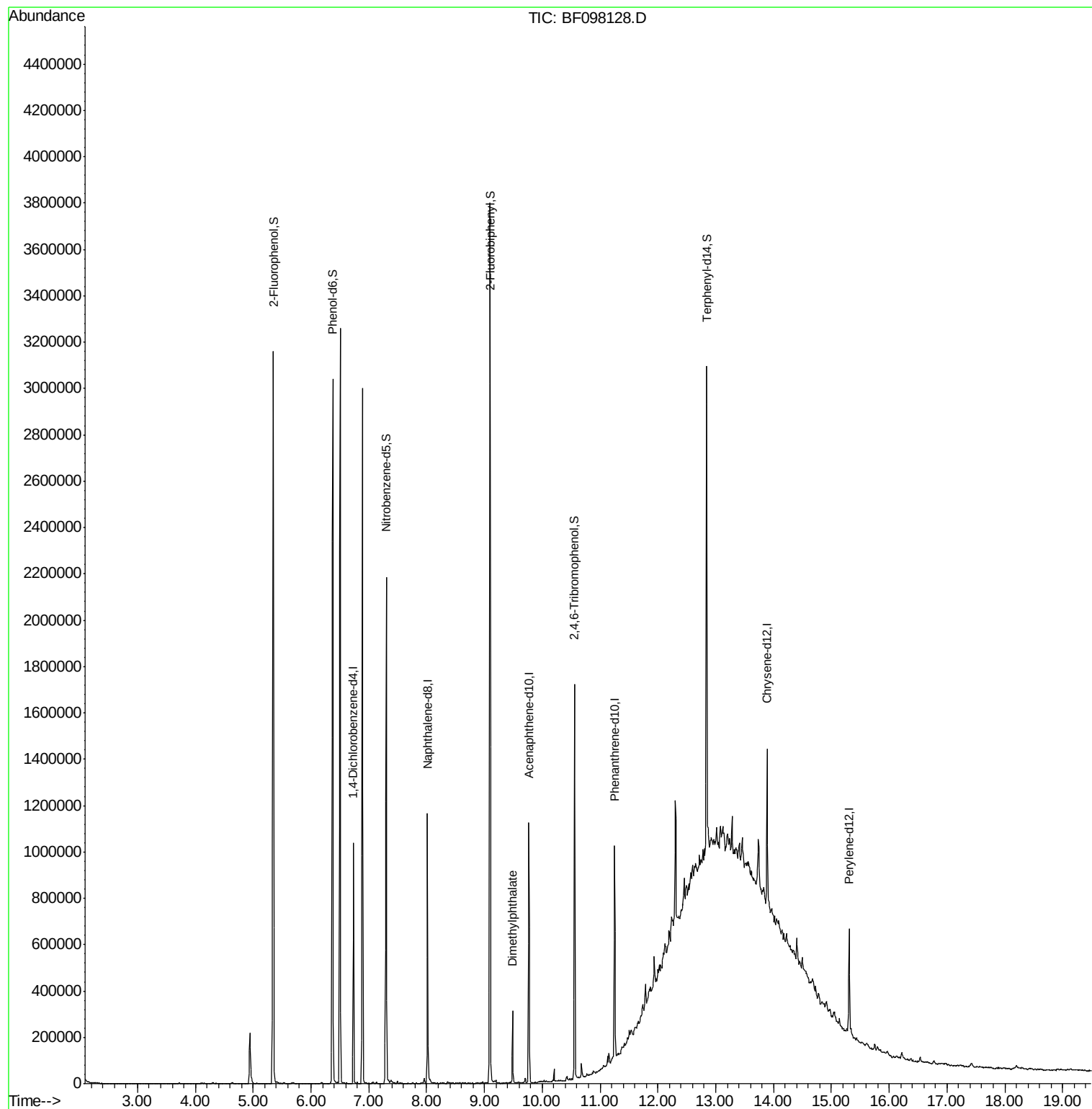
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	131343	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	505309	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	195083	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	301535	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	259049	20.00	ng	0.00
86) Perylene-d12	15.31	264	208672	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1053763	122.04	ng	0.00
7) Phenol-d6	6.37	99	1426345	121.57	ng	-0.01
23) Nitrobenzene-d5	7.30	82	876211	94.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	199207	117.69	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1223071	92.11	ng	-0.01
78) Terphenyl-d14	12.84	244	747527	60.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.49	163	105135	7.373	ng	Qvalue 100

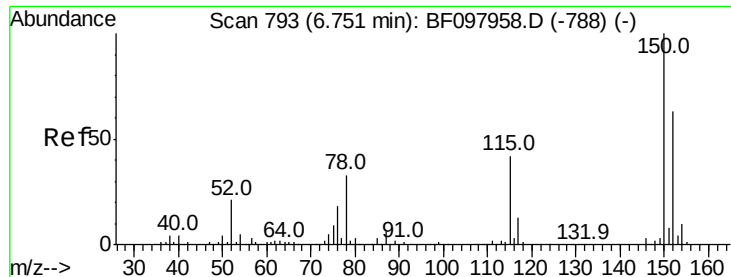
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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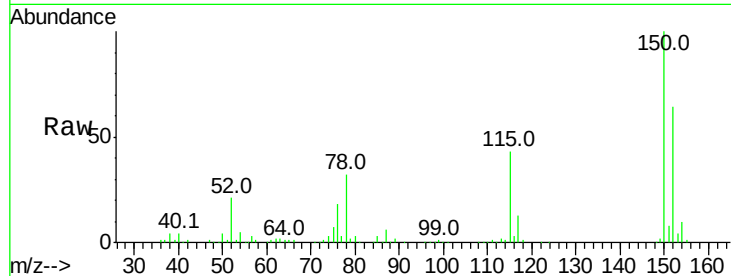


#1

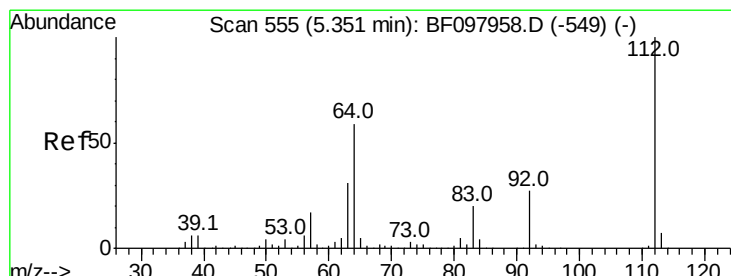
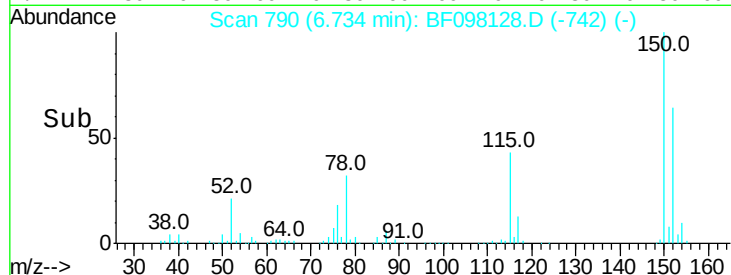
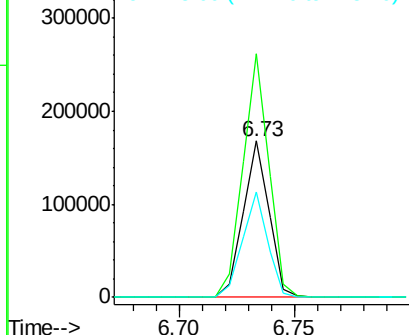
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098128.D
Acq: 29 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :
SECTION-2-STONES

Tot Ion:152 Resp: 131343
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 67.2 52.2 78.2



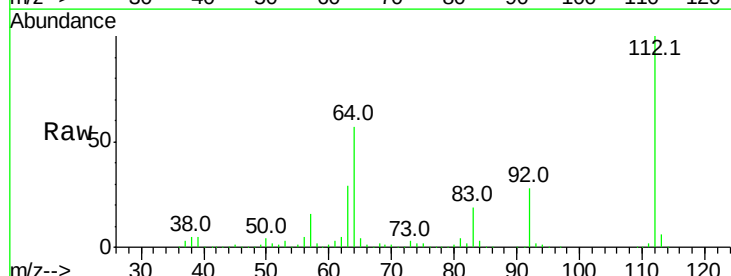
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



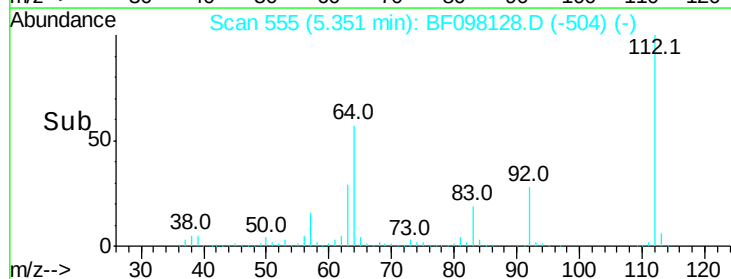
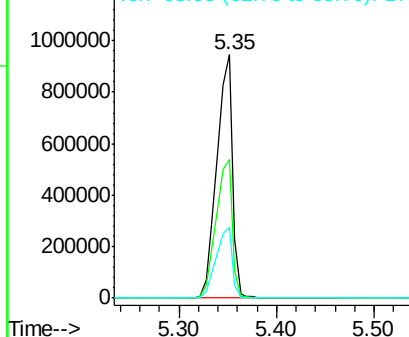
#5

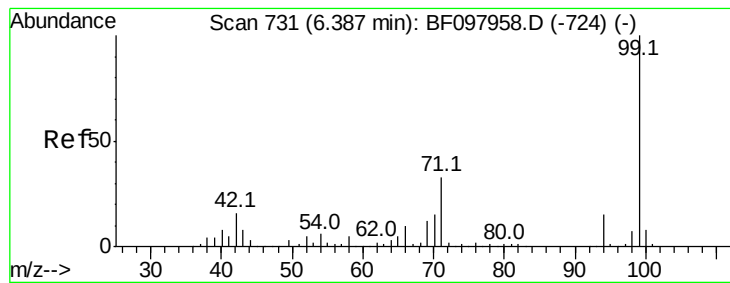
2-Fluorophenol
Concen: 122.036 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098128.D
Acq: 29 Aug 2017 23:22

Tgt Ion:112 Resp: 1053763
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 29.1 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: 121.574 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098128.D

Acq: 29 Aug 2017 23:22

Instrument :

BNA_F

ClientSampleId :

SECTION-2-STONES

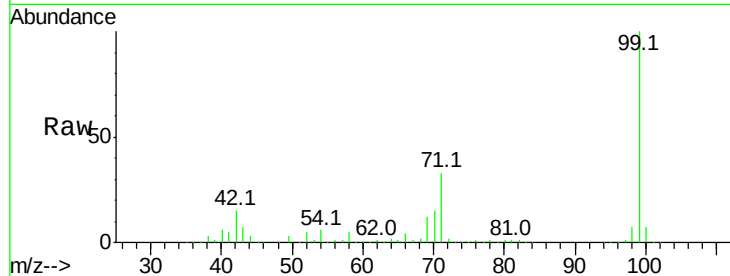
Tot Ion: 99 Resp: 1426345

Ion Ratio Lower Upper

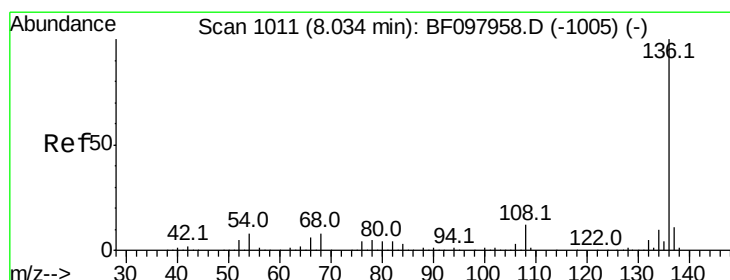
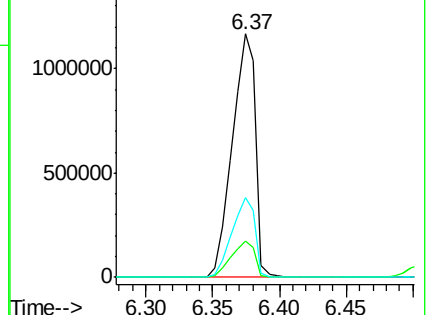
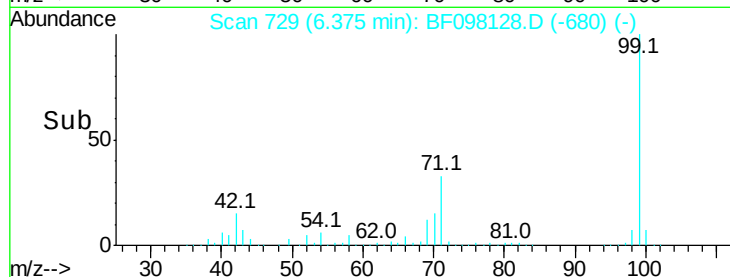
99 100

42 15.0 13.5 20.3

71 32.6 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: BF098128.D

Acq: 29 Aug 2017 23:22

Tgt Ion: 136 Resp: 505309

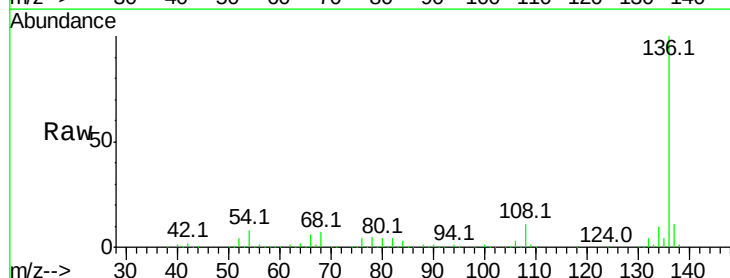
Ion Ratio Lower Upper

136 100

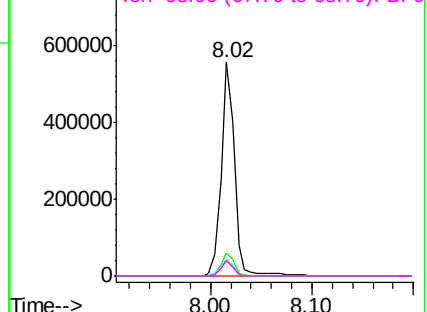
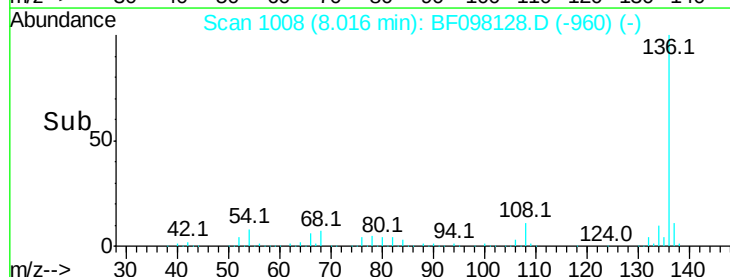
137 10.9 8.5 12.7

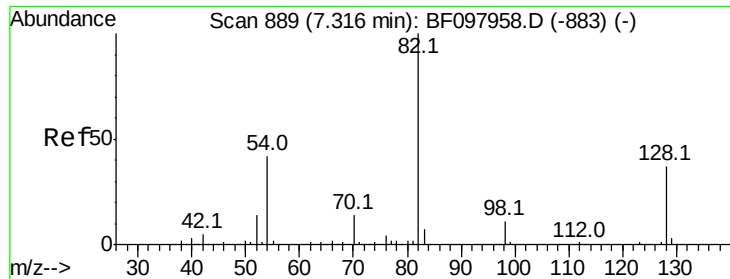
54 7.8 4.9 7.3#

68 7.2 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

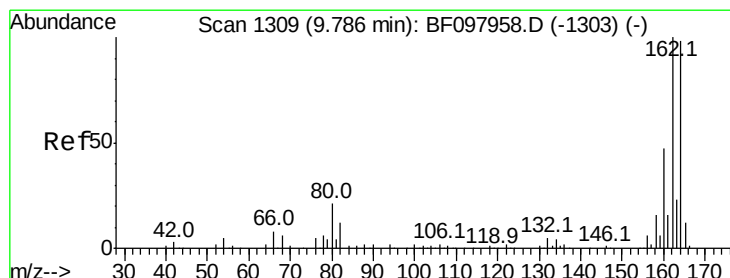
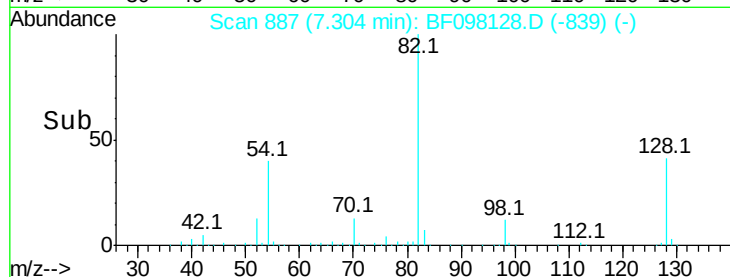
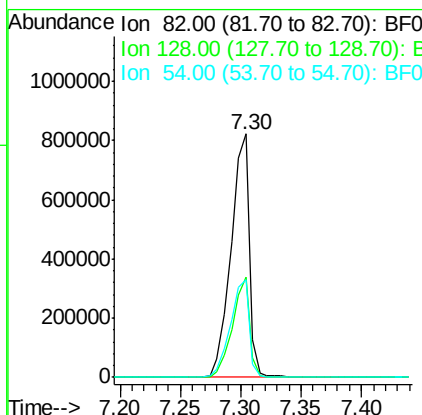
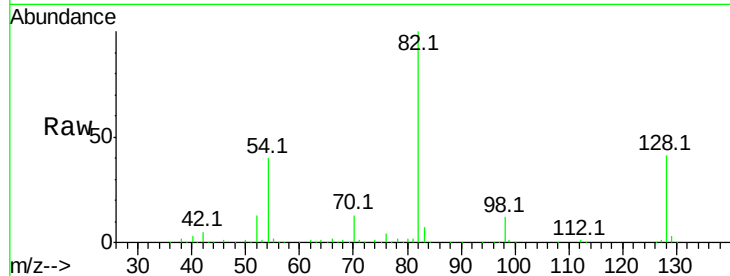




#23
 Nitrobenzene-d5
 Concen: 94.199 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098128.D
 Acq: 29 Aug 2017 23:22

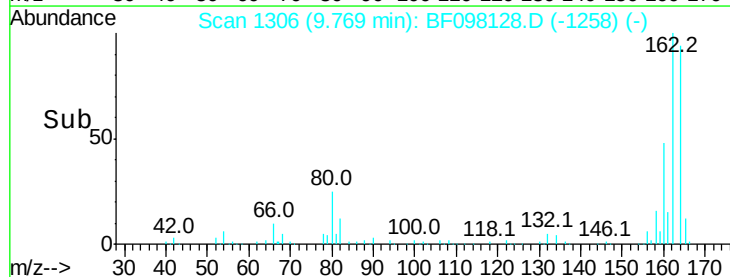
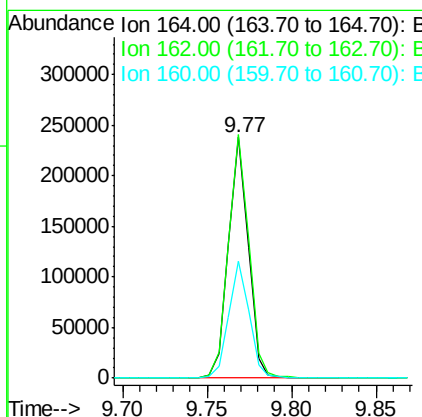
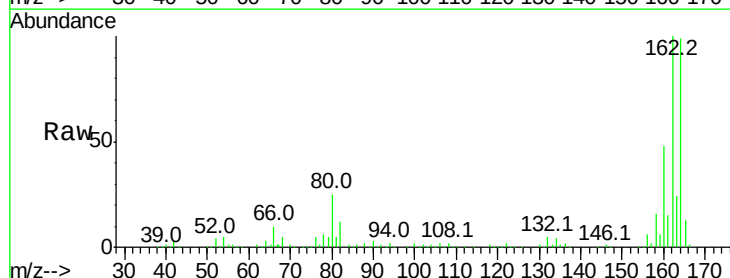
Instrument :
 BNA_F
 ClientSampleId :
 SECTION-2-STONES

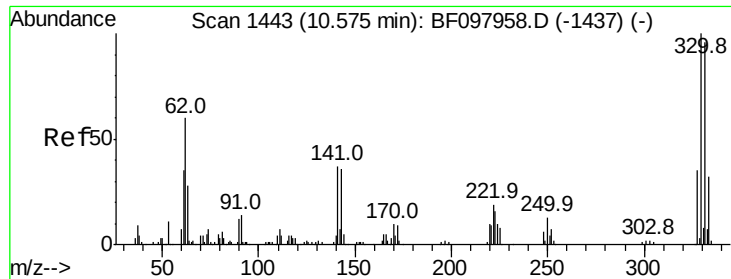
Tot Ion	82	Resp	876211
Ion Ratio	Lower	Upper	
82	100		
128	41.0	34.0	51.0
54	39.9	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098128.D
 Acq: 29 Aug 2017 23:22

Tgt Ion	164	Resp	195083
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.6	123.8
160	48.5	36.2	54.2

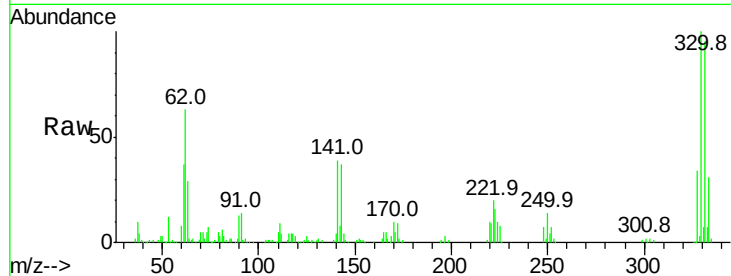




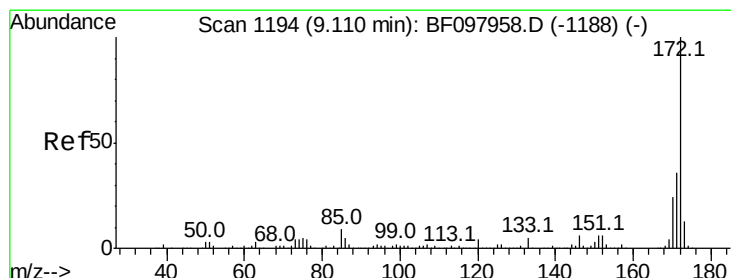
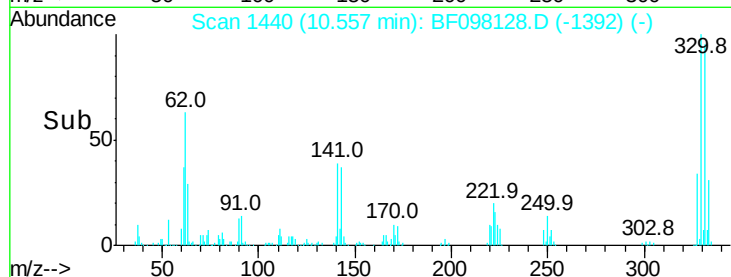
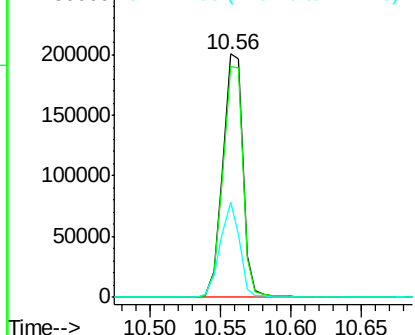
#41
 2,4,6-Tribromophenol
 Concen: 117.689 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098128.D
 Acq: 29 Aug 2017 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SECTION-2-STONES

Tot Ion:330 Resp: 199207
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 38.0 31.4 47.2

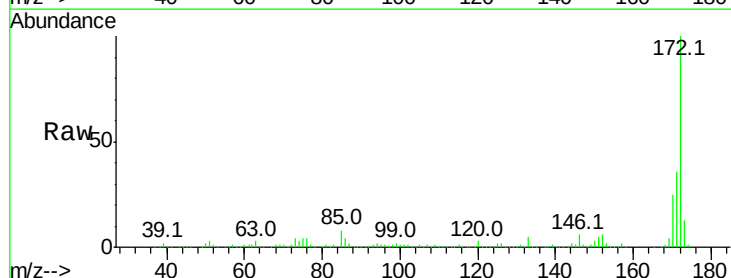


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

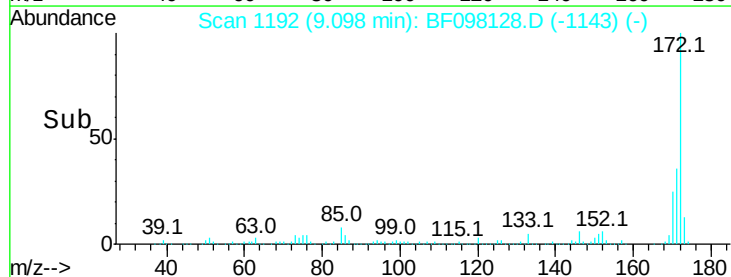
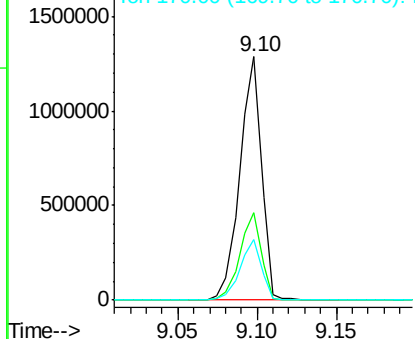


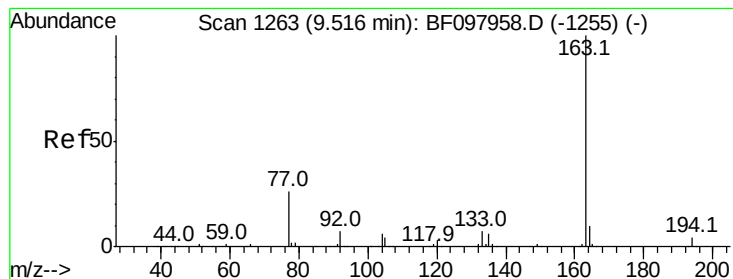
#44
 2-Fluorobiphenyl
 Concen: 92.112 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098128.D
 Acq: 29 Aug 2017 23:22

Tgt Ion:172 Resp: 1223071
 Ion Ratio Lower Upper
 172 100
 171 36.2 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: 7.373 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF098128.D

Acq: 29 Aug 2017 23:22

Instrument :

BNA_F

ClientSampleId :

SECTION-2-STONES

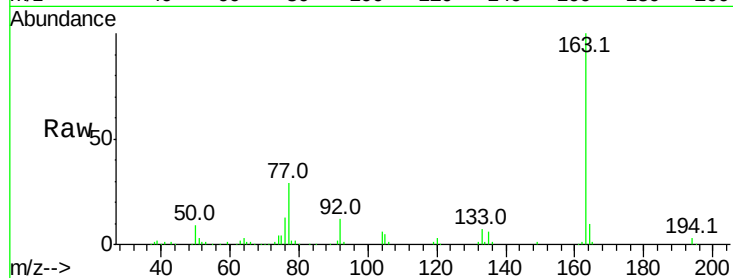
Tot Ion:163 Resp: 105135

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

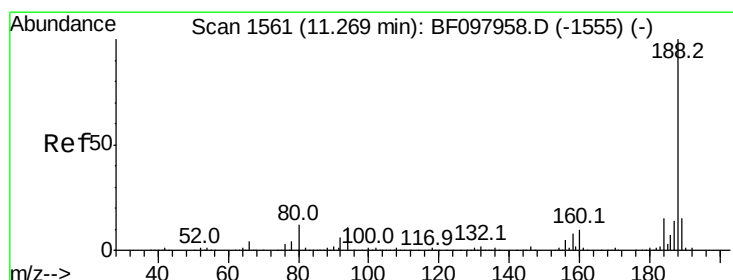
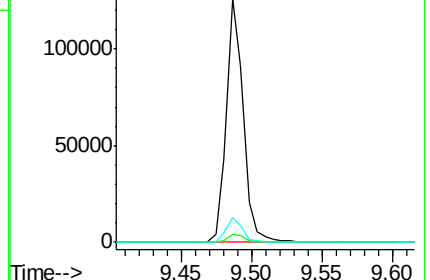
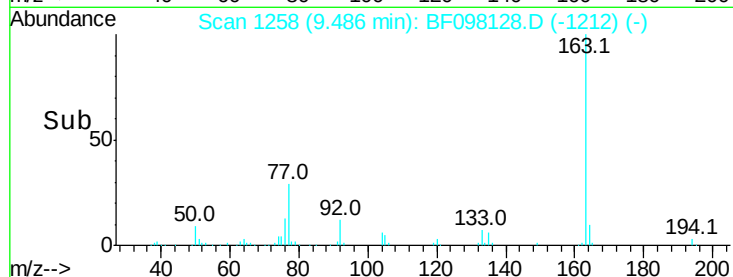
164 10.3 8.4 12.6



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: BF098128.D

Acq: 29 Aug 2017 23:22

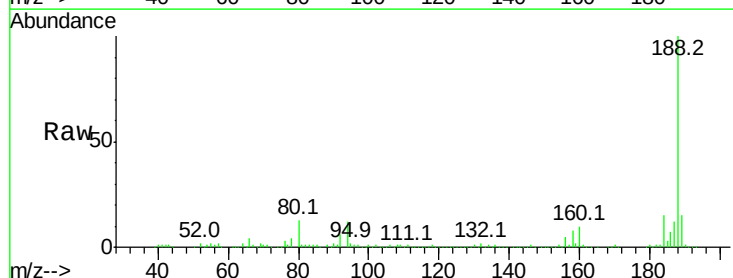
Tgt Ion:188 Resp: 301535

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

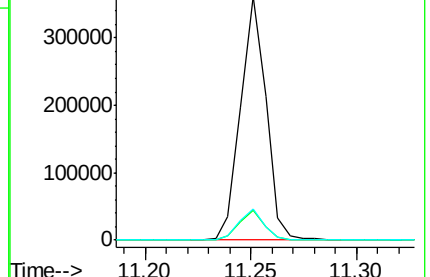
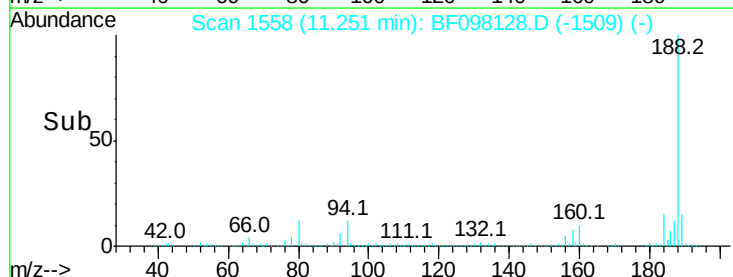
80 12.6 10.2 15.2

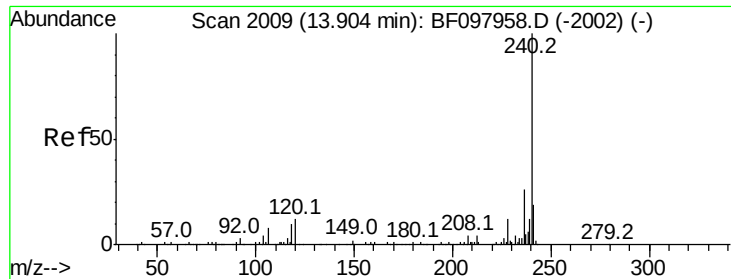


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2007

Delta R.T. -0.01 min

Lab File: BF098128.D

Acq: 29 Aug 2017 23:22

Instrument :

BNA_F

ClientSampleId :

SECTION-2-STONES

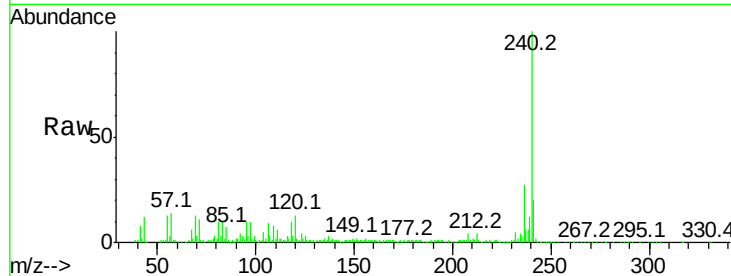
Tot Ion:240 Resp: 259049

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

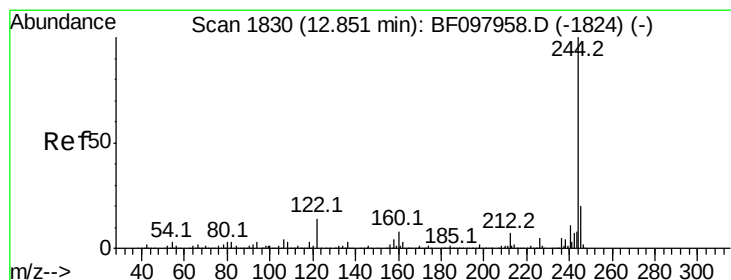
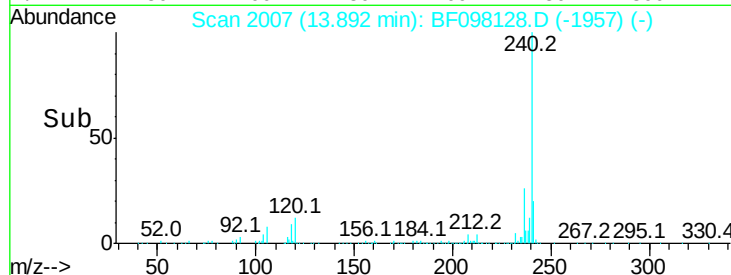
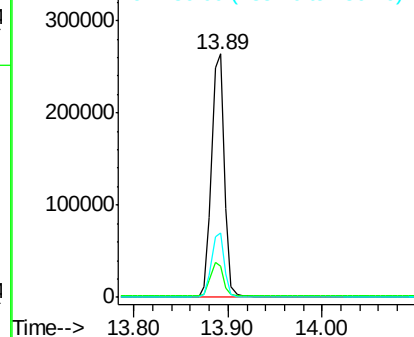
236 26.6 20.5 30.7



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: 60.176 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098128.D

Acq: 29 Aug 2017 23:22

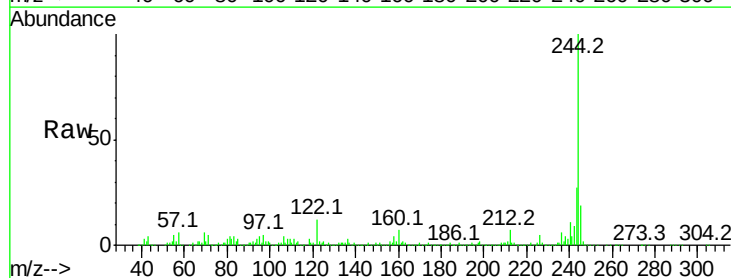
Tgt Ion:244 Resp: 747527

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

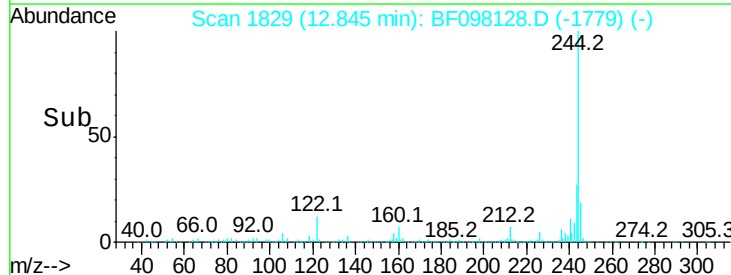
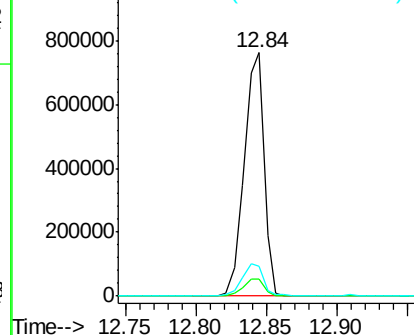
122 12.2 10.3 15.5

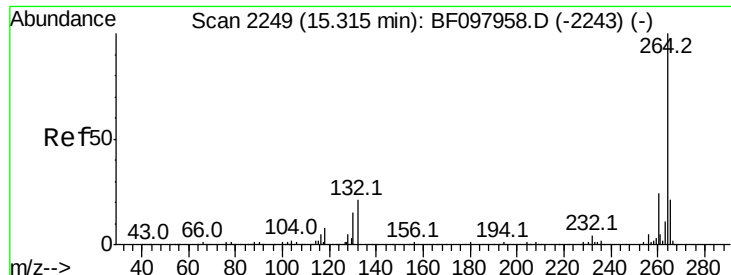


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

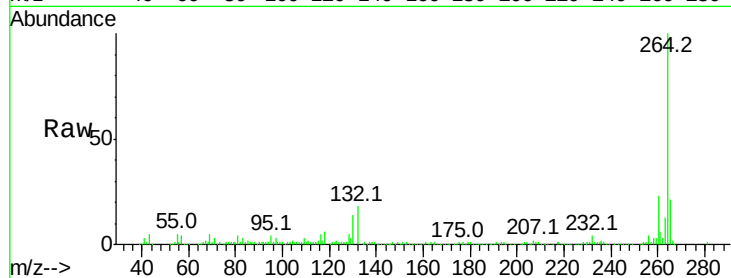




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF098128.D
Acq: 29 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :
SECTION-2-STONES

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.2	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

