

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097985.D
 Acq On : 23 Aug 2017 6:32
 Operator : SJ/JU
 Sample : I4912-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FENCE-POSTS-PILED-COMP

Quant Time: Aug 23 07:36:34 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

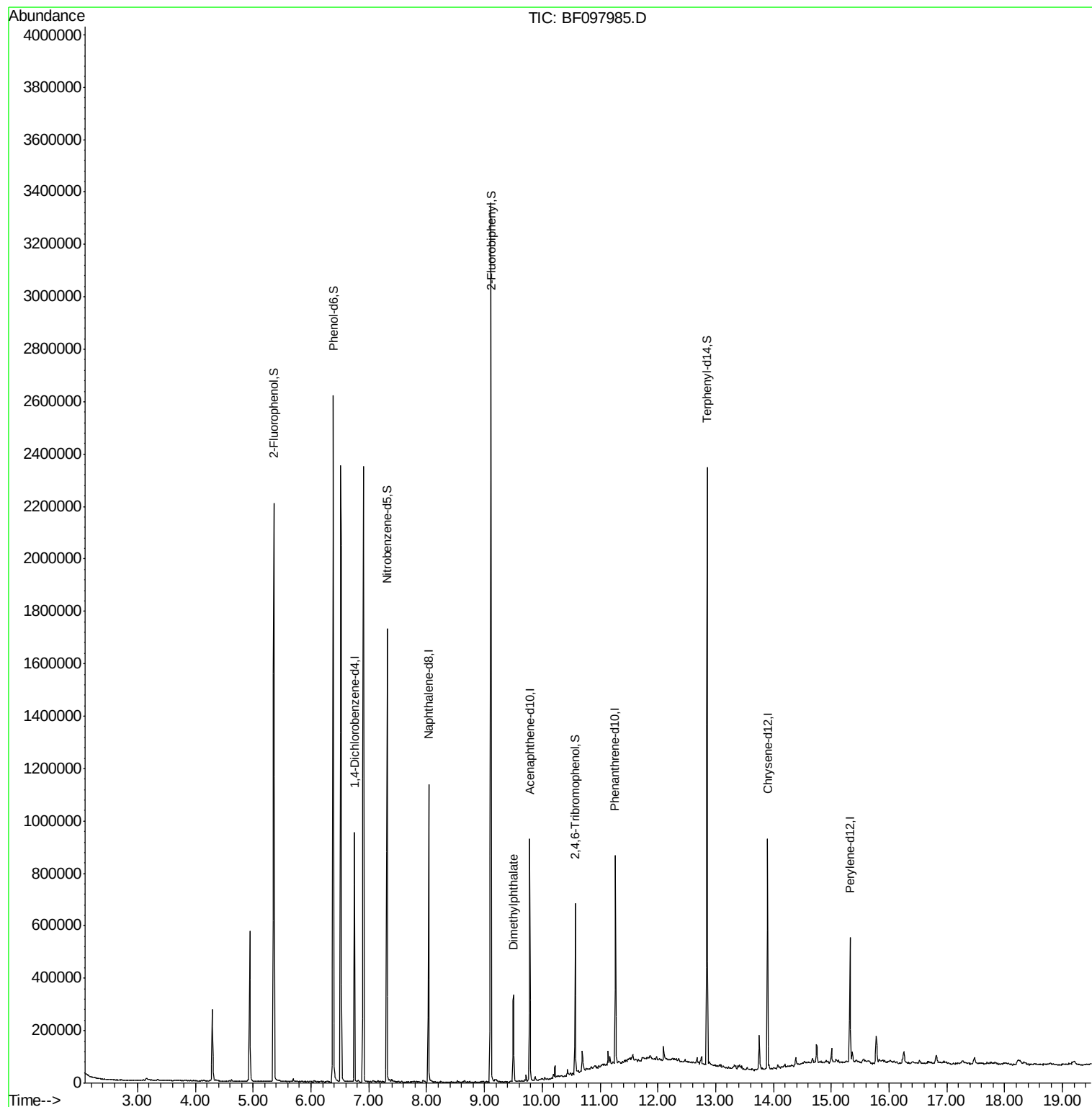
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	125548	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	458274	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	171692	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	278536	20.00	ng	0.00
75) Chrysene-d12	13.90	240	274121	20.00	ng	0.00
86) Perylene-d12	15.32	264	196612	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	600829	72.79	ng	0.00
7) Phenol-d6	6.39	99	979771	87.36	ng	0.00
23) Nitrobenzene-d5	7.32	82	654150	77.54	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	59234	39.76	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	984970	84.29	ng	0.00
78) Terphenyl-d14	12.85	244	721783	54.91	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	130765	10.419	ng	98

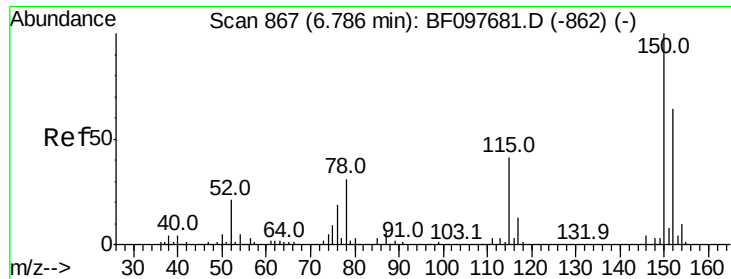
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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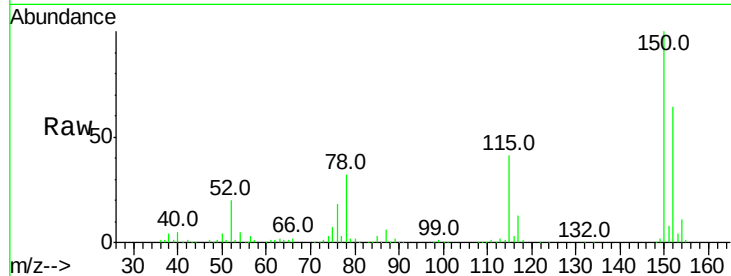


#1

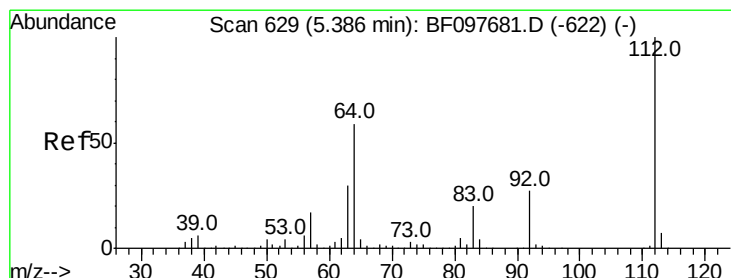
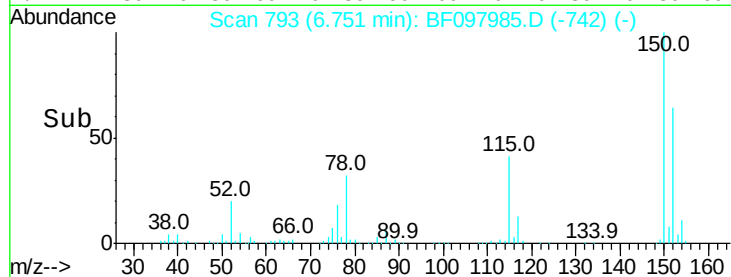
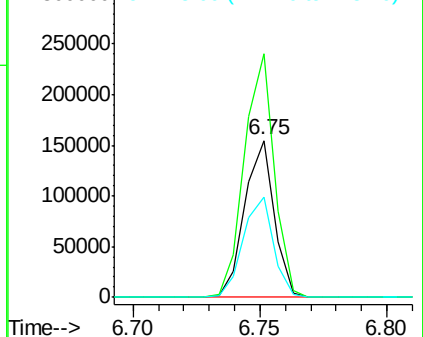
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF097985.D
 Acq: 23 Aug 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :
 FENCE-POSTS-PILED-COMP

Tot Ion:152 Resp: 125548
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.2 189.2
 115 64.4 52.2 78.2



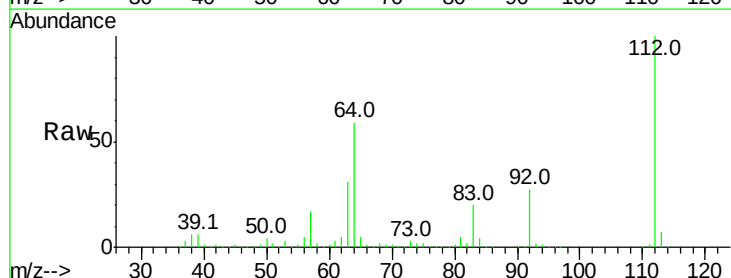
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



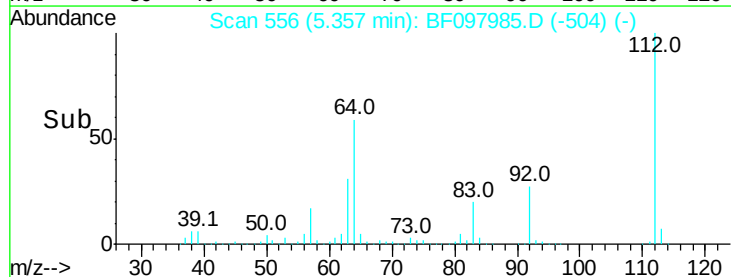
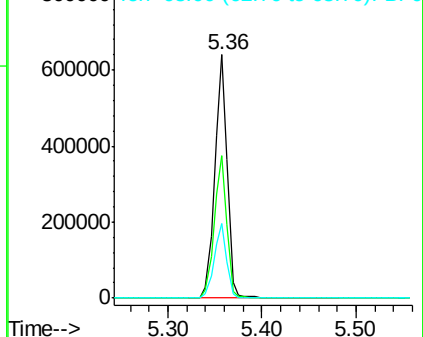
#5

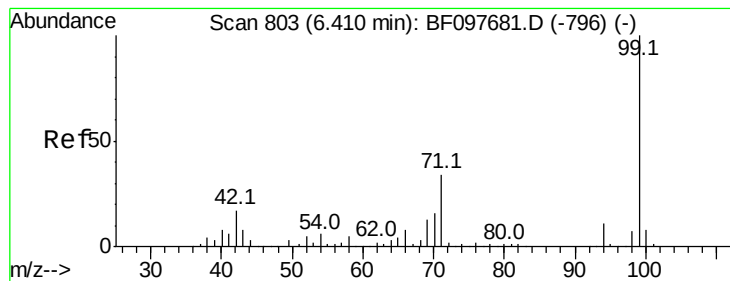
2-Fluorophenol
 Concen: 72.793 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF097985.D
 Acq: 23 Aug 2017 6:32

Tgt Ion:112 Resp: 600829
 Ion Ratio Lower Upper
 112 100
 64 58.6 46.0 69.0
 63 30.8 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: 87.365 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

Instrument :

BNA_F

ClientSampleId :

FENCE-POSTS-PILED-COMP

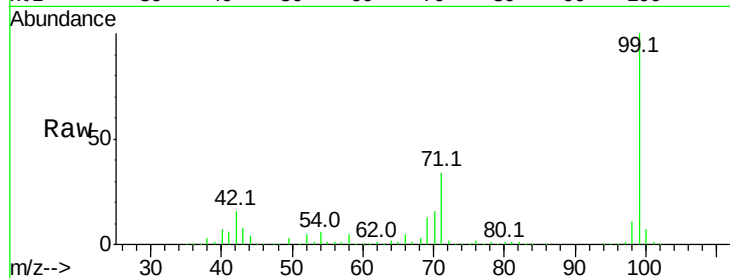
Tot Ion: 99 Resp: 979771

Ion Ratio Lower Upper

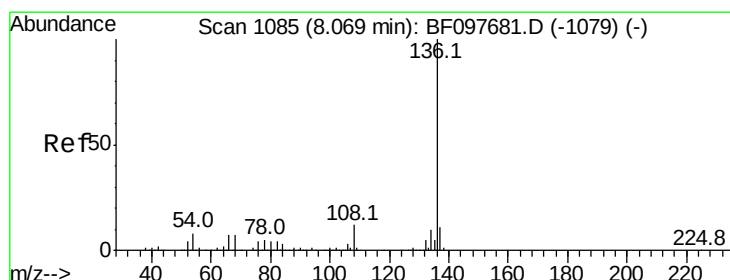
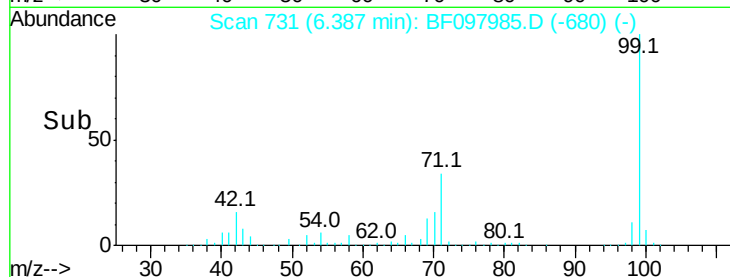
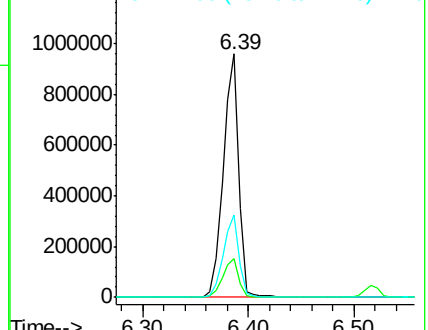
99 100

42 16.2 13.5 20.3

71 33.7 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: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

Tgt Ion: 136 Resp: 458274

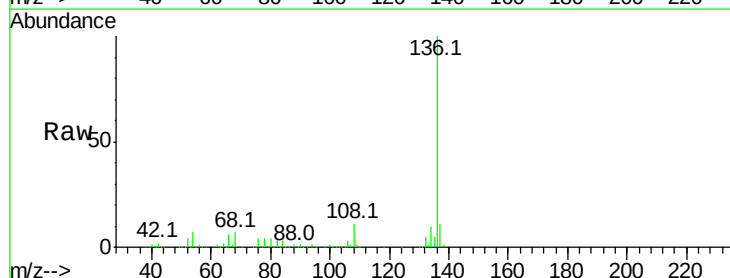
Ion Ratio Lower Upper

136 100

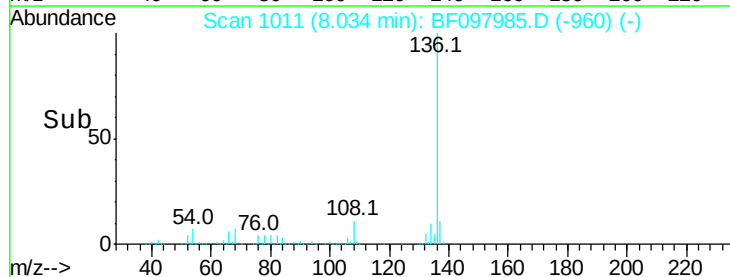
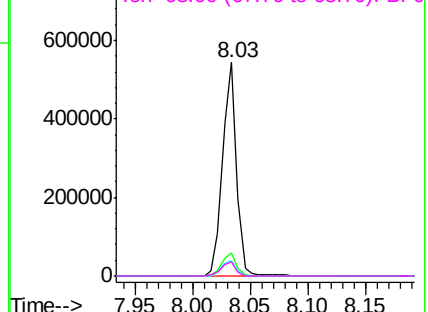
137 11.0 8.5 12.7

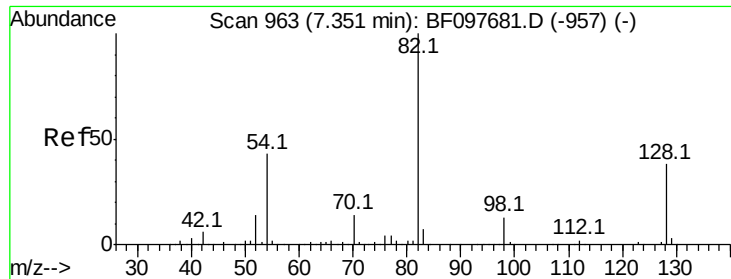
54 7.2 4.9 7.3

68 6.7 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

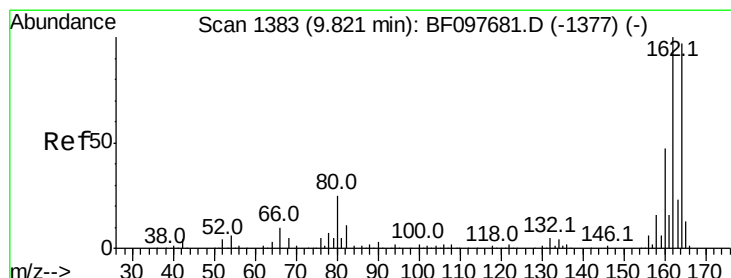
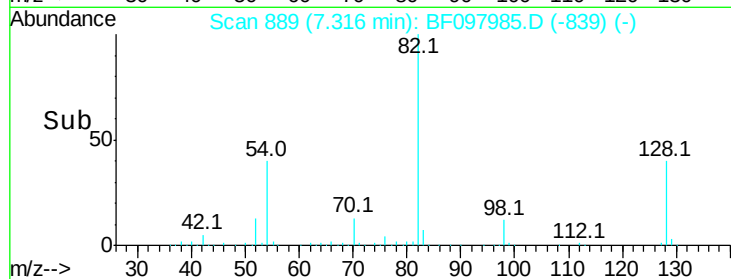
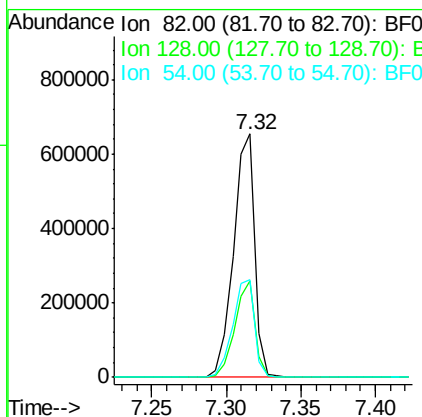
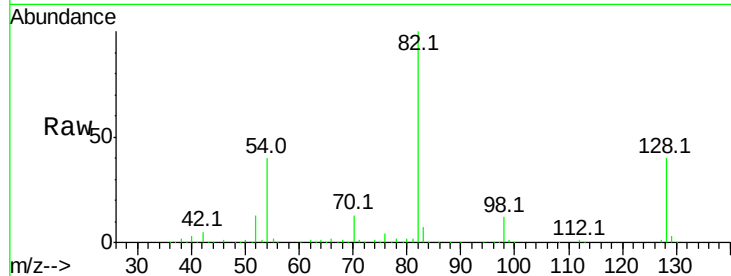




#23
 Nitrobenzene-d5
 Concen: 77.544 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097985.D
 Acq: 23 Aug 2017 6:32

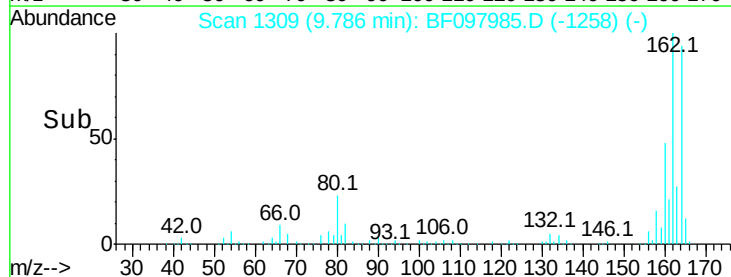
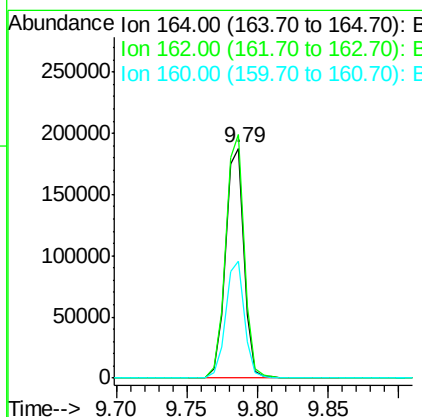
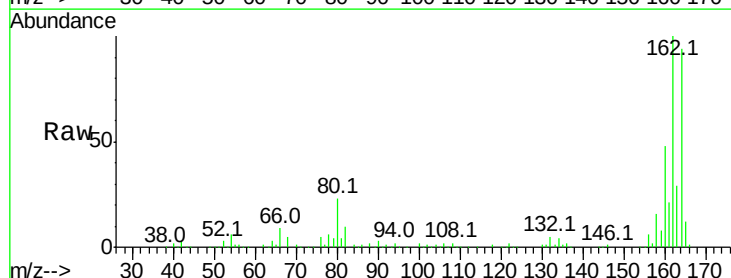
Instrument :
 BNA_F
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 FENCE-POSTS-PILED-COMP

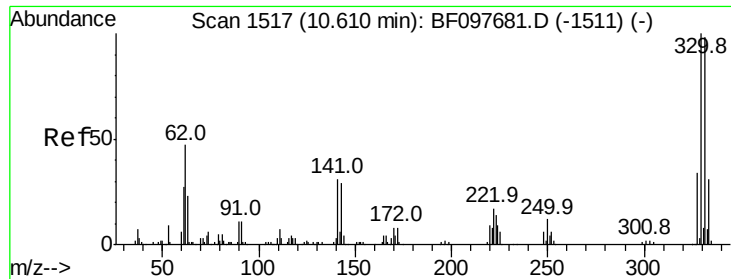
Tot Ion: 82 Resp: 654150
 Ion Ratio Lower Upper
 82 100
 128 39.7 34.0 51.0
 54 40.1 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097985.D
 Acq: 23 Aug 2017 6:32

Tgt Ion:164 Resp: 171692
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 50.7 36.2 54.2

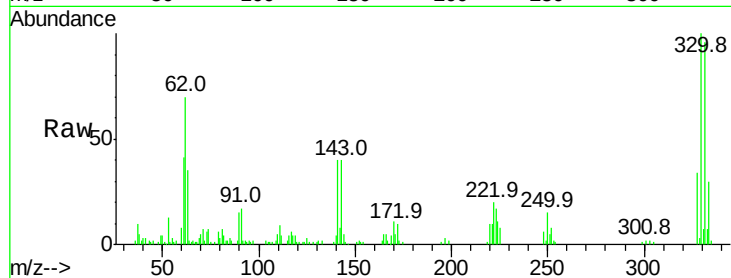




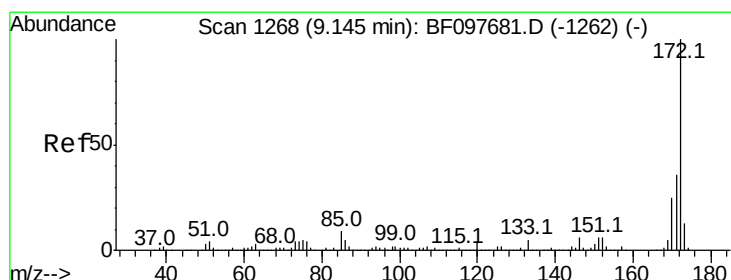
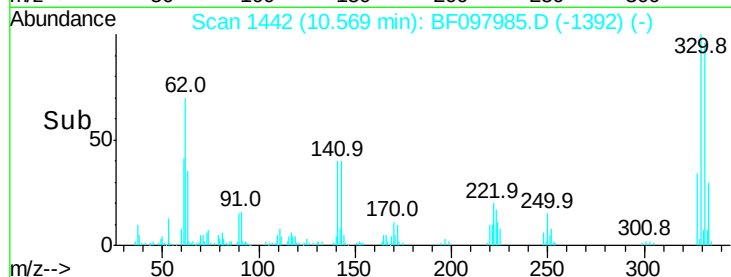
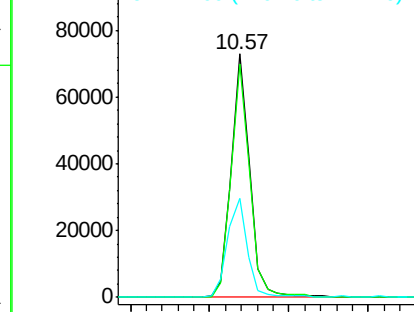
#41
 2,4,6-Tribromophenol
 Concen: 39.762 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097985.D
 Acq: 23 Aug 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :
 FENCE-POSTS-PILED-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	43.8	31.4	47.2

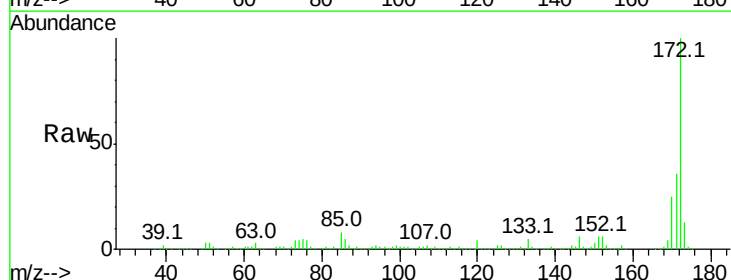


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

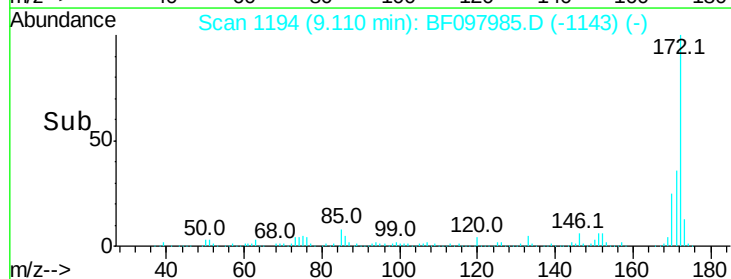
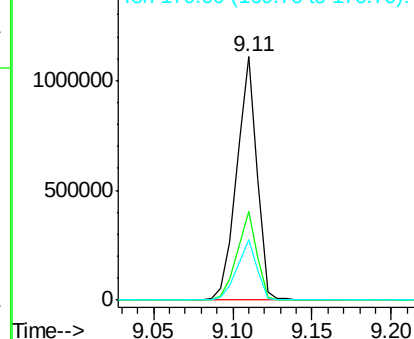


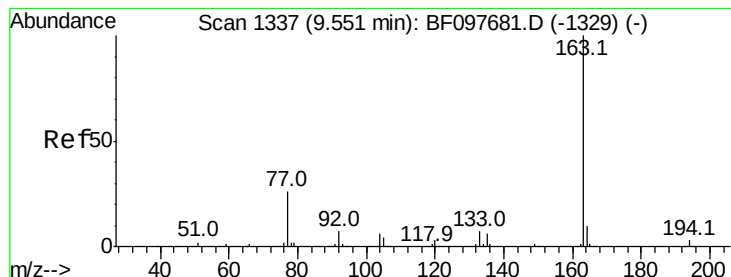
#44
 2-Fluorobiphenyl
 Concen: 84.286 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097985.D
 Acq: 23 Aug 2017 6:32

Tgt 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: 10.419 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

Instrument :

BNA_F

ClientSampleId :

FENCE-POSTS-PILED-COMP

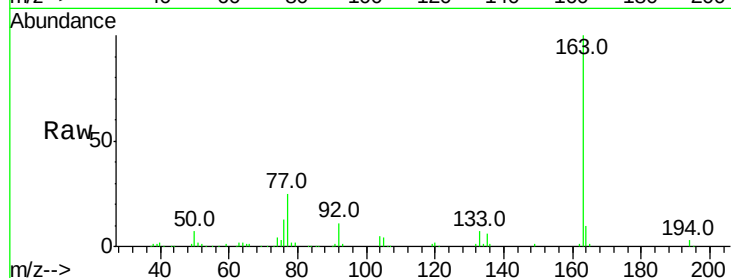
Tot Ion:163 Resp: 130765

Ion Ratio Lower Upper

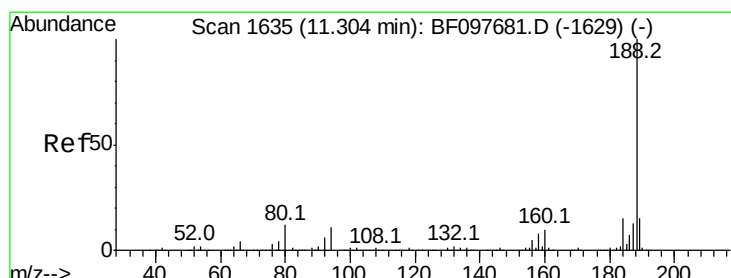
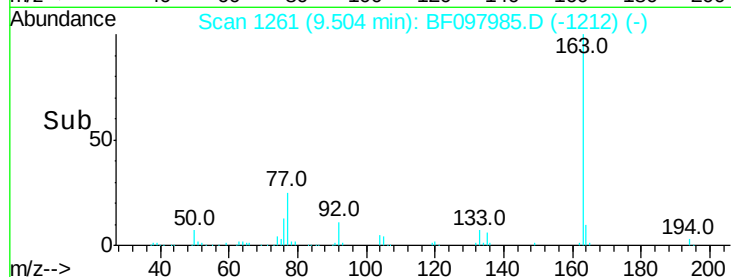
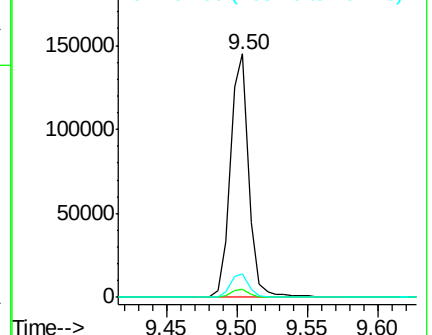
163 100

194 3.4 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: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

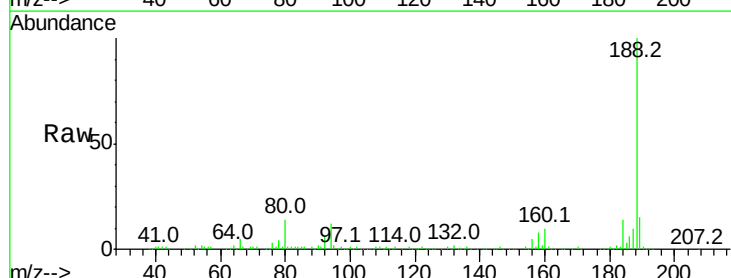
Tgt Ion:188 Resp: 278536

Ion Ratio Lower Upper

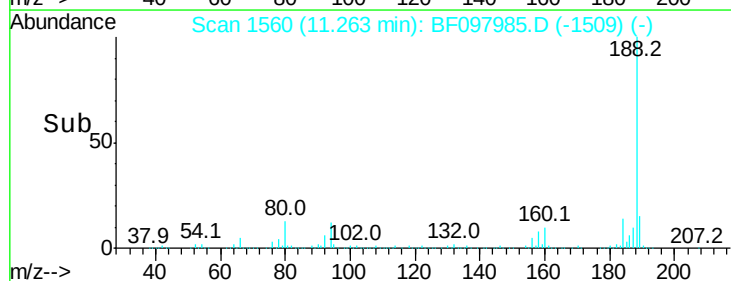
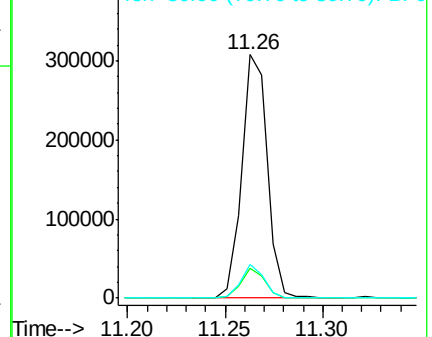
188 100

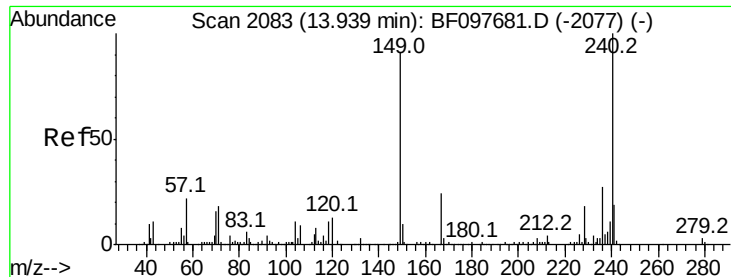
94 12.0 9.4 14.2

80 13.6 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: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

Instrument :

BNA_F

ClientSampleId :

FENCE-POSTS-PILED-COMP

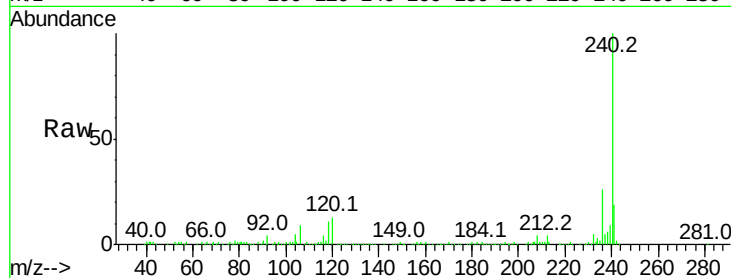
Tot Ion:240 Resp: 274121

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

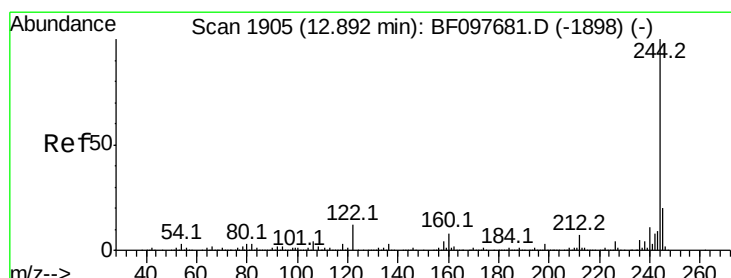
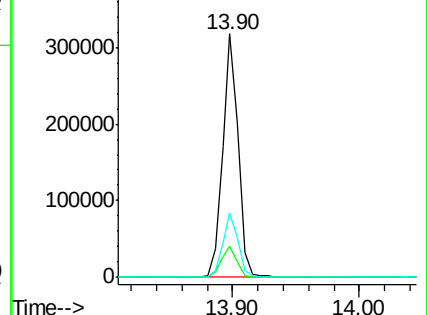
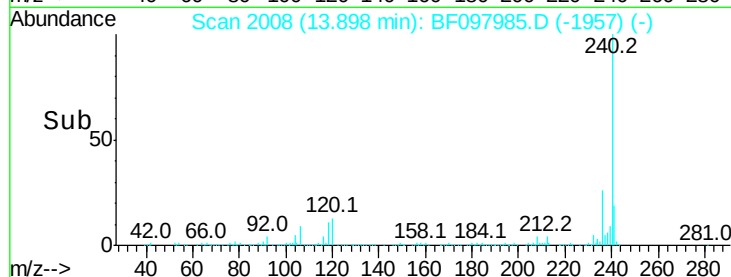
236 26.2 20.5 30.7



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: 54.909 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

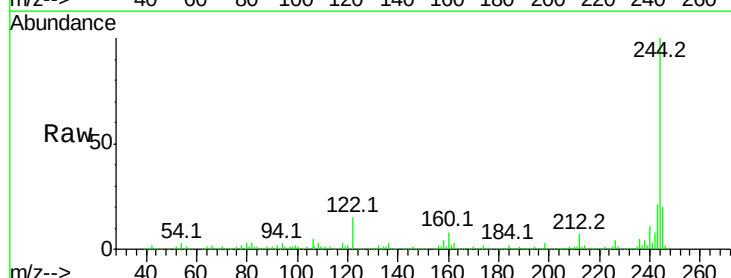
Tgt Ion:244 Resp: 721783

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

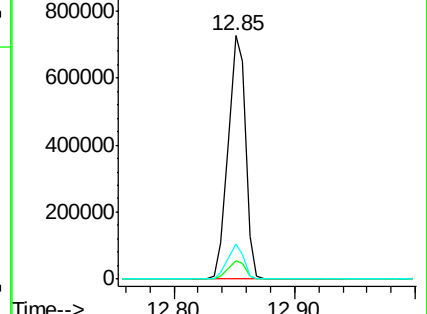
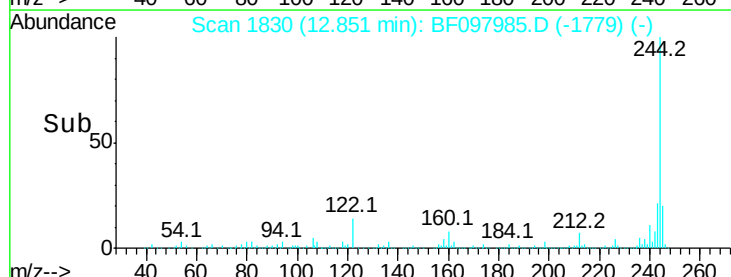
122 14.5 10.3 15.5

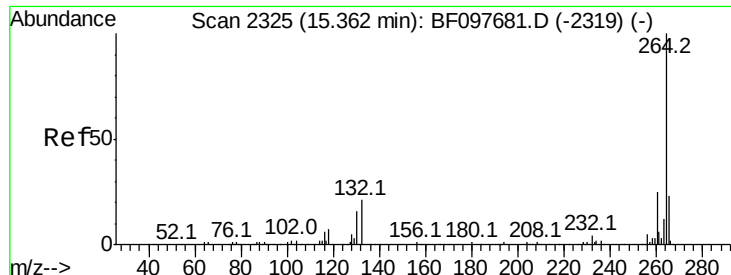


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BF097985.D
 Acq: 23 Aug 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :
 FENCE-POSTS-PILED-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.1	17.2	25.8

