

Data Path : Z:\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 07:31:09 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

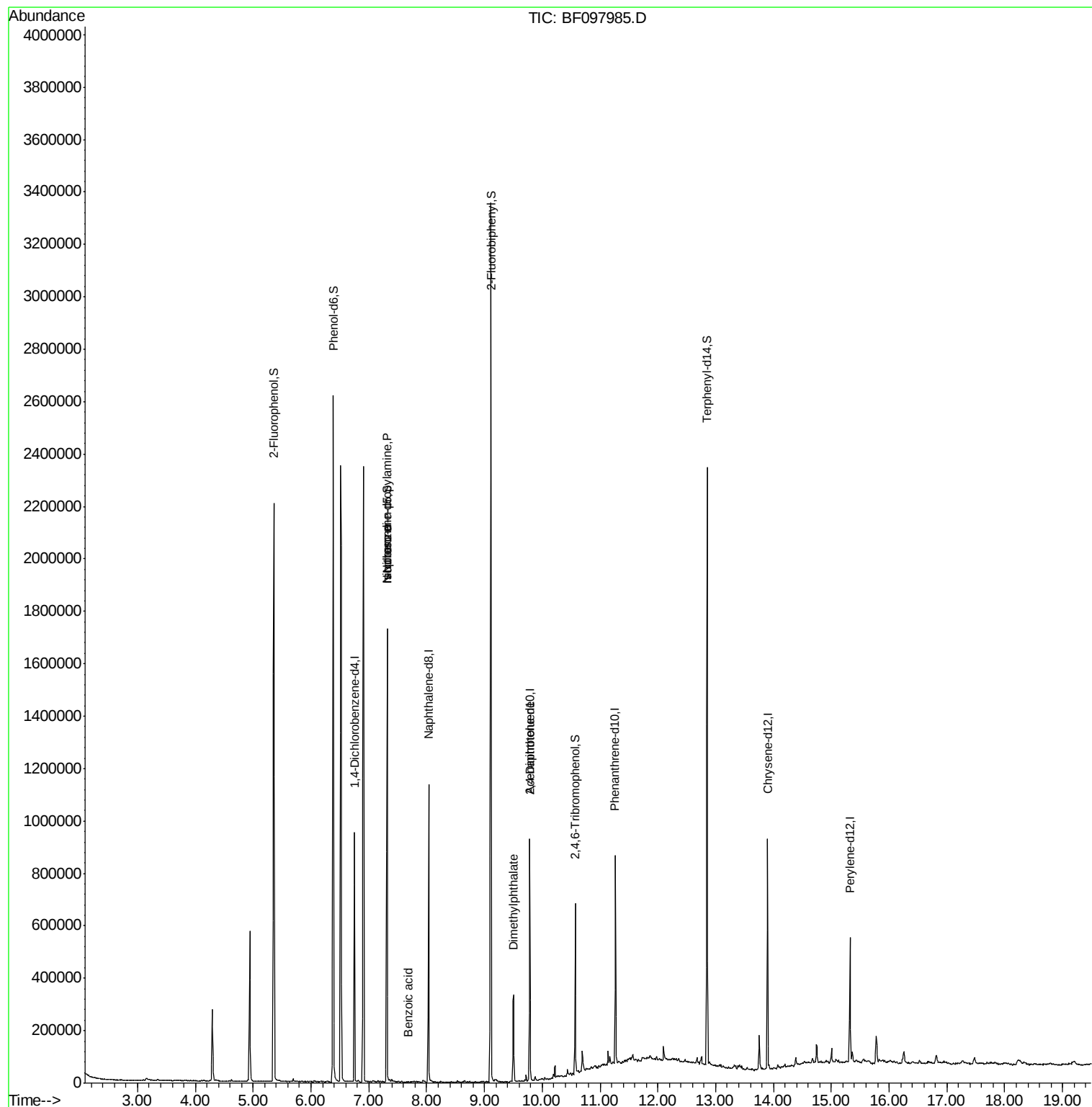
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	125548	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	458274	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	171692	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	278536	20.00	ng	0.00
75) Chrysene-d12	13.90	240	274121	20.00	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						
19) n-Nitroso-di-n-propylamine	7.32	70	88074	11.47	ng	# 70
25) Isophorone	7.32	82	642993	36.66	ng	# 67
32) Benzoic acid	7.69	122	108	6.42	ng	# 1
49) Dimethylphthalate	9.50	163	130765	10.42	ng	98
56) 2,4-Dinitrotoluene	9.78	165	22499	7.16	ng	# 34

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 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

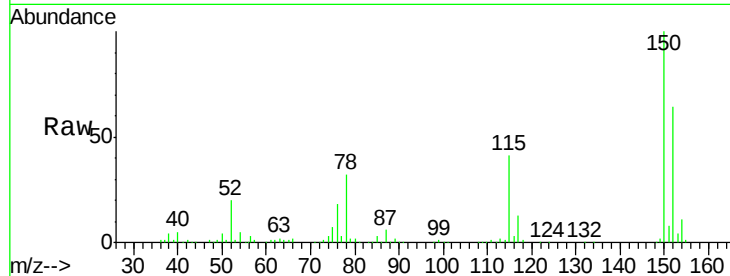
Tot Ion:152 Resp: 125548

Ion Ratio Lower Upper

152 100

150 155.4 126.2 189.2

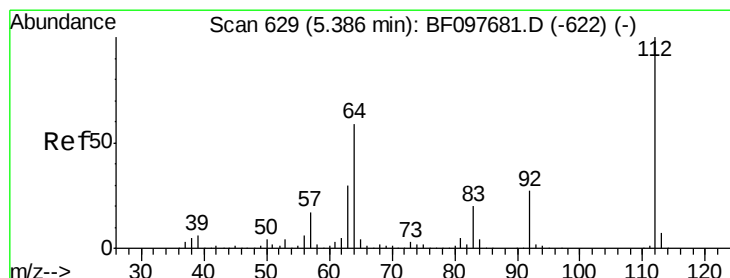
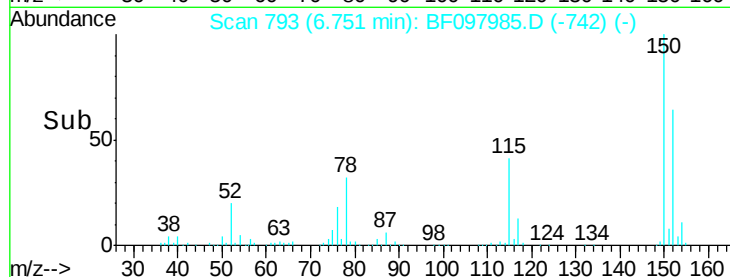
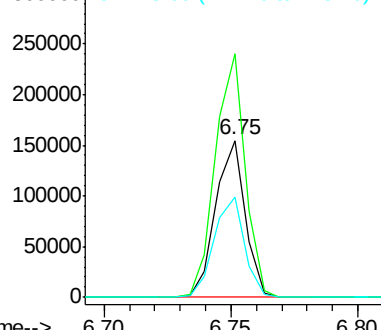
115 64.4 52.2 78.2



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: 72.79 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

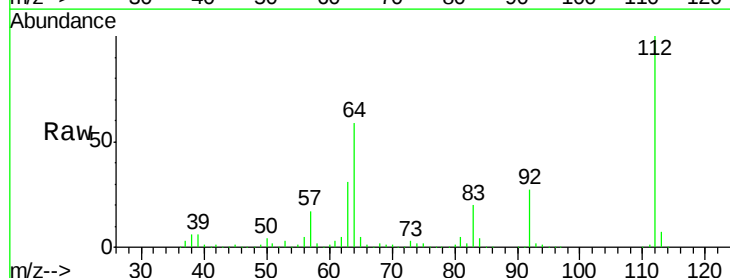
Tgt Ion:112 Resp: 600829

Ion Ratio Lower Upper

112 100

64 58.6 46.0 69.0

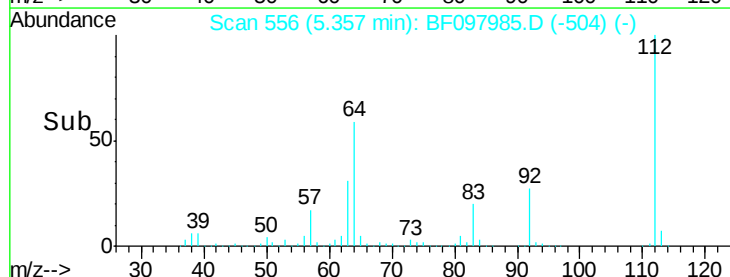
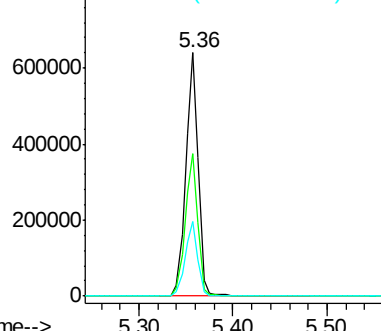
63 30.8 23.4 35.0

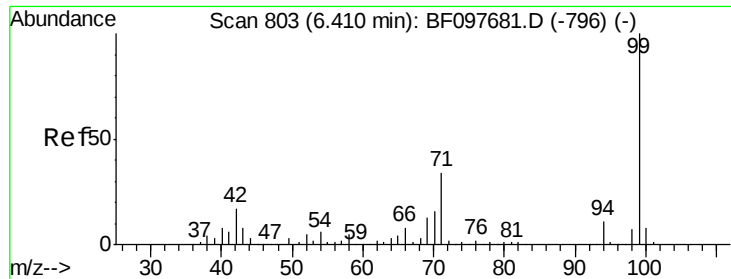


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.36 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

Instrument :

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ClientSampleId :

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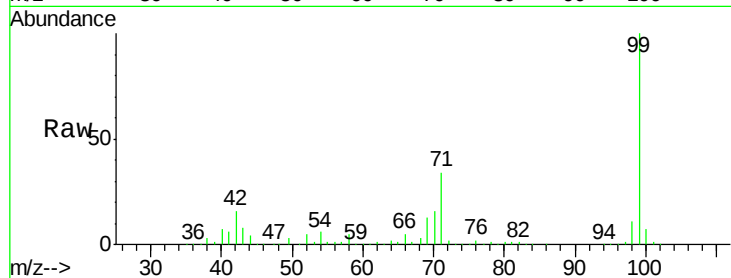
Tot Ion: 99 Resp: 979771

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

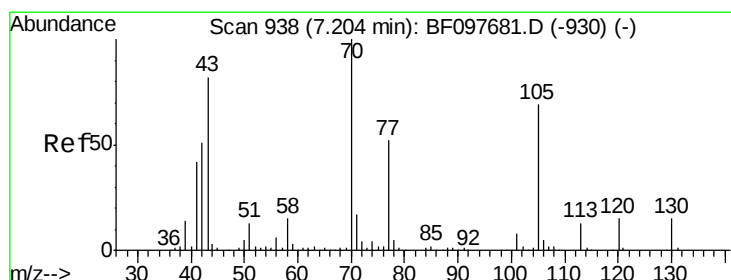
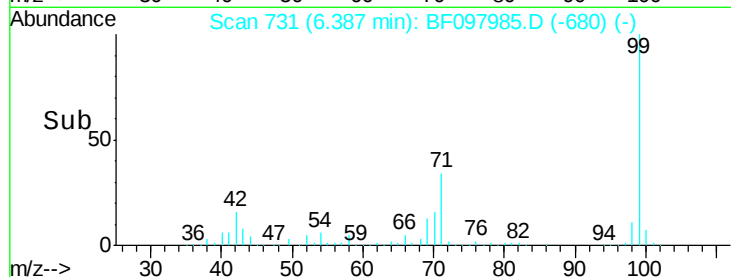
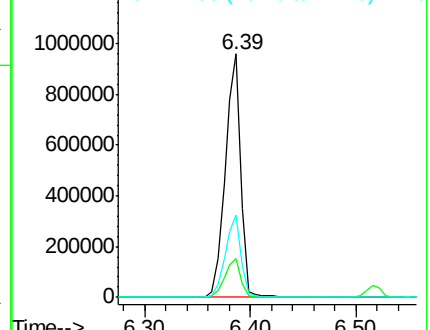
71 33.7 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.47 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

Tgt Ion: 70 Resp: 88074

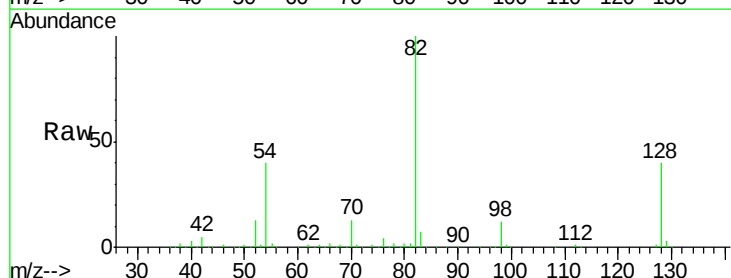
Ion Ratio Lower Upper

70 100

42 38.8 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

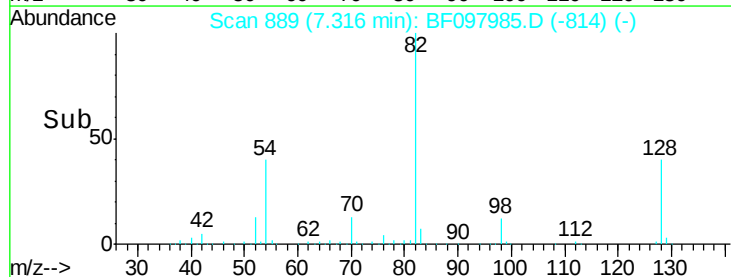
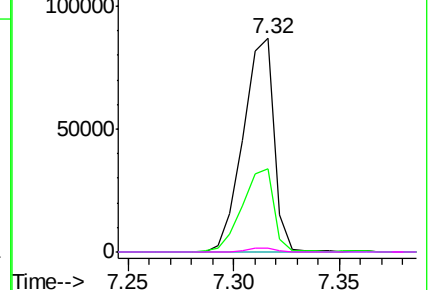


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

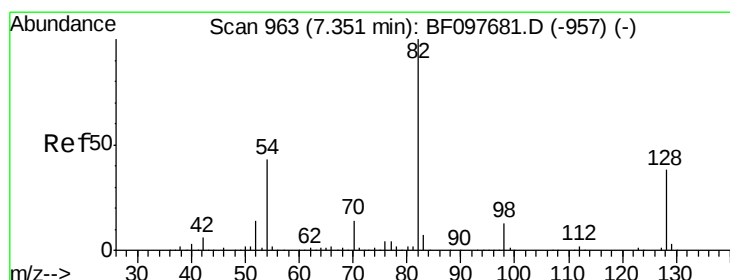
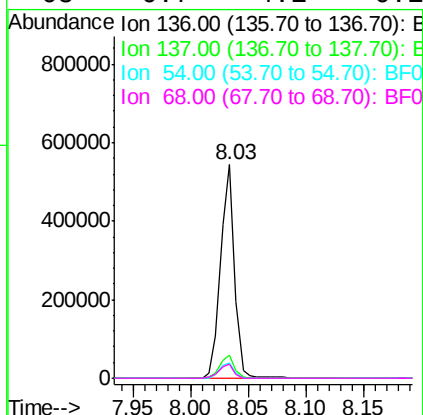
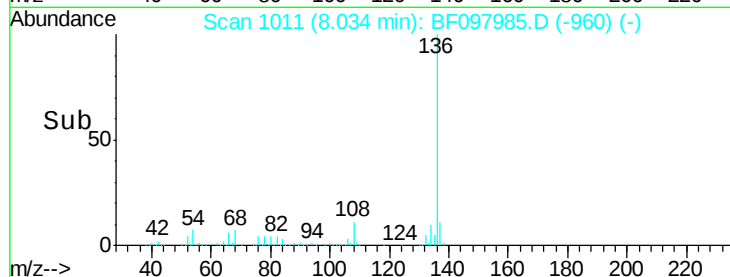
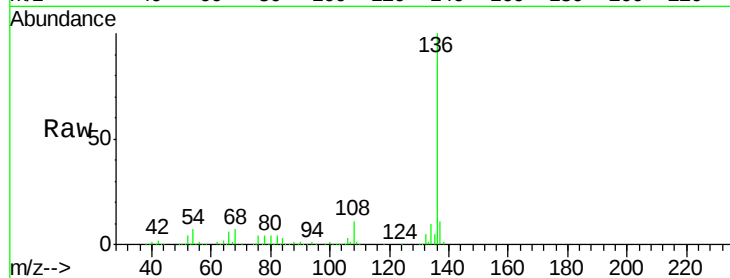
Instrument :

BNA_F

ClientSampleId :

FENCE-POSTS-PILED-COMP

Tot Ion: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#



#23

Nitrobenzene-d5

Concen: 77.54 ng

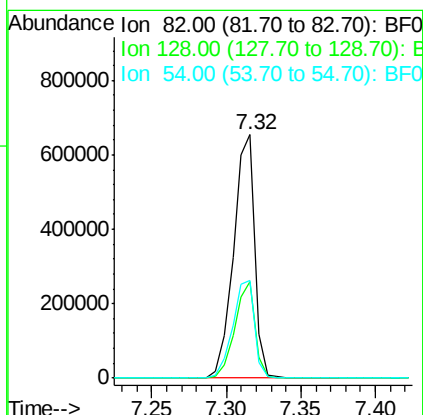
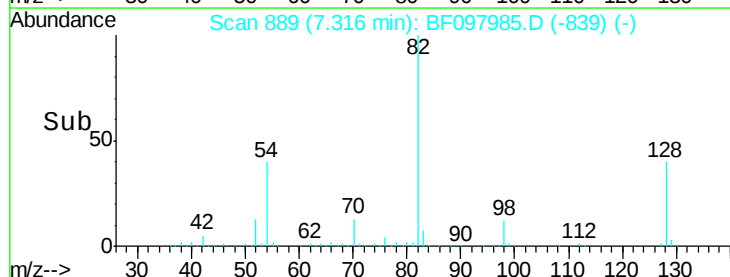
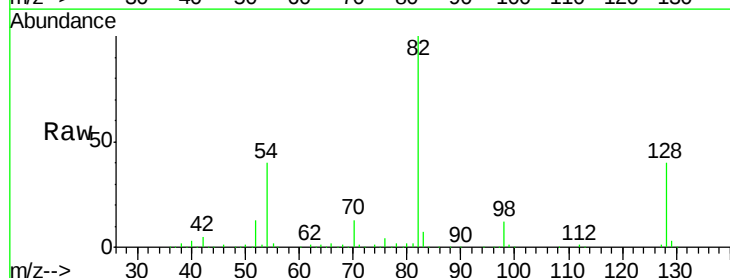
RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

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





#25

Isophorone

Concen: 36.66 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

Instrument :

BNA_F

ClientSampleId :

FENCE-POSTS-PILED-COMP

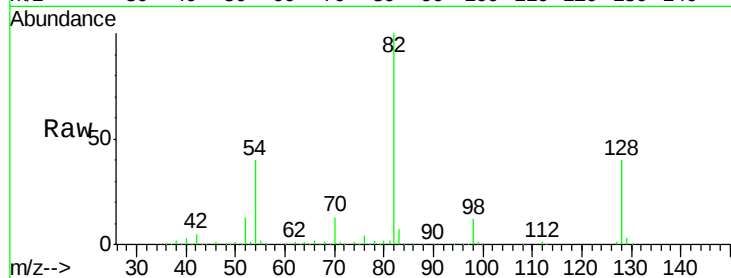
Tot Ion: 82 Resp: 642993

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

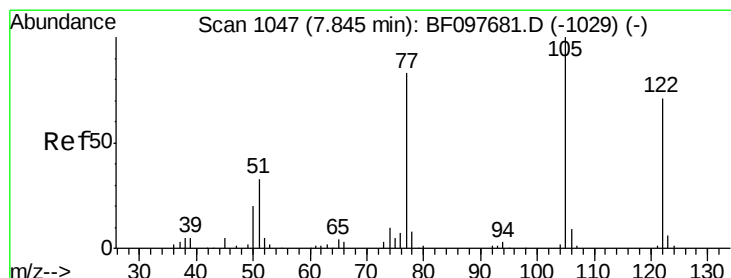
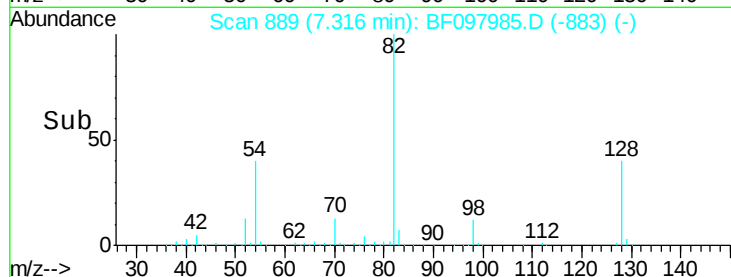
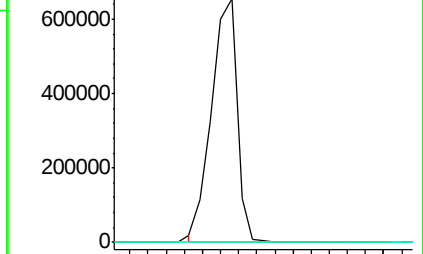
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 6.42 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.15 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

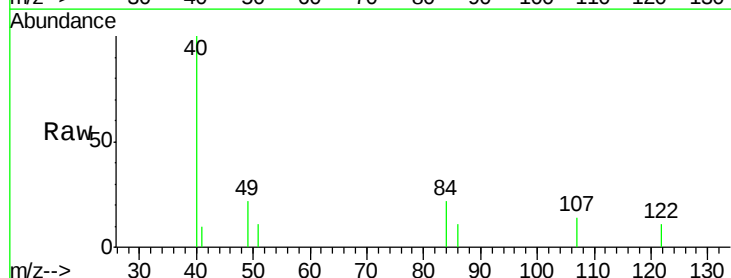
Tgt Ion: 122 Resp: 108

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

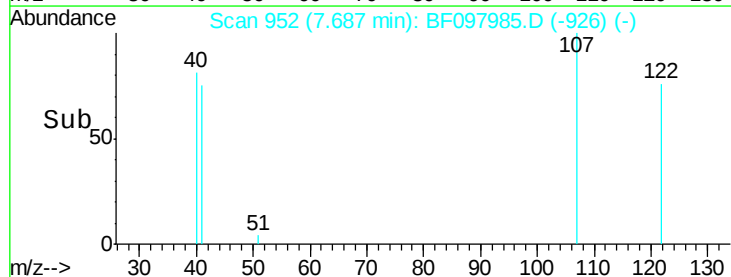
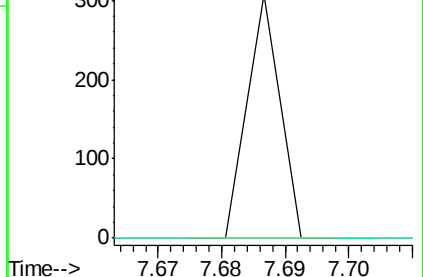
77 0.0 73.7 113.7#

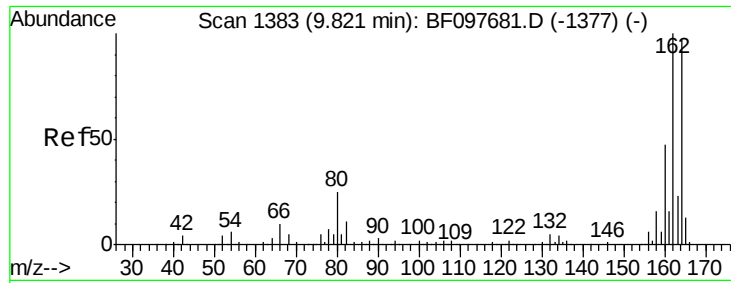


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

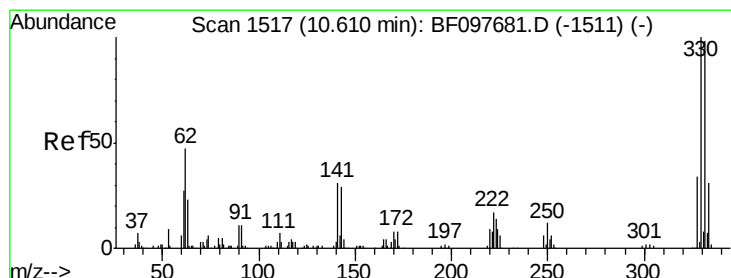
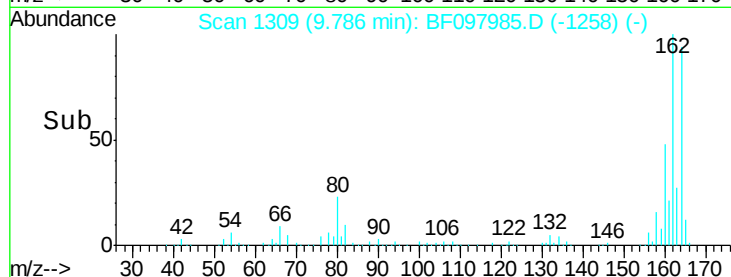
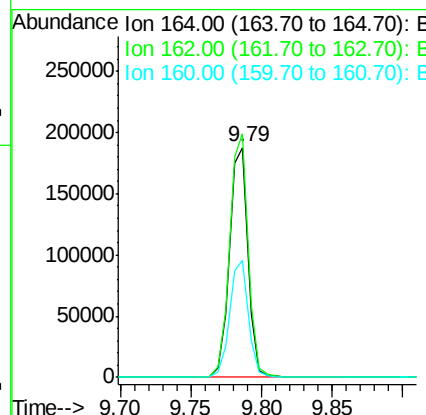
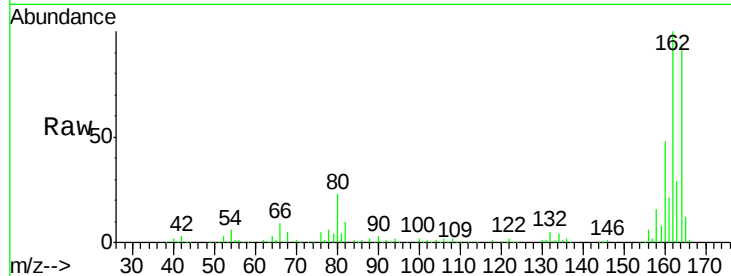




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097985.D
 Acq: 23 Aug 2017 6:32

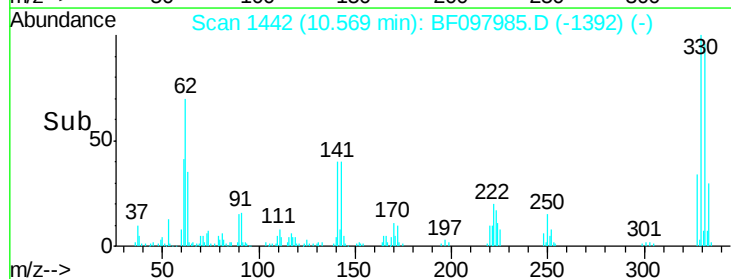
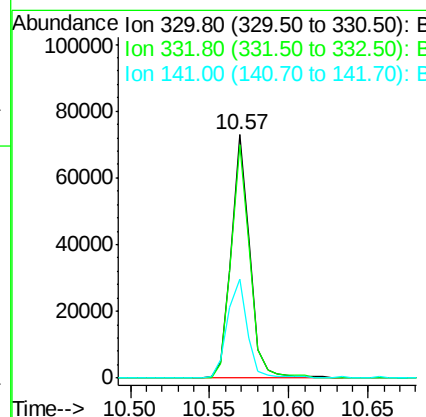
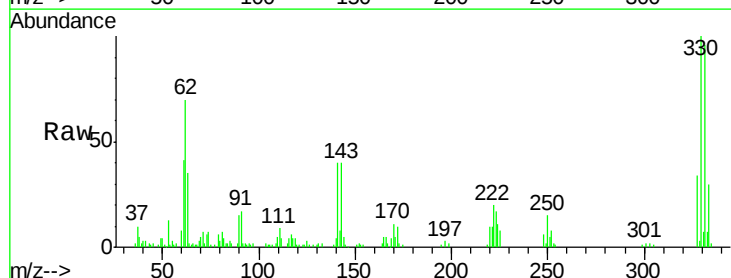
Instrument :
 BNA_F
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 FENCE-POSTS-PILED-COMP

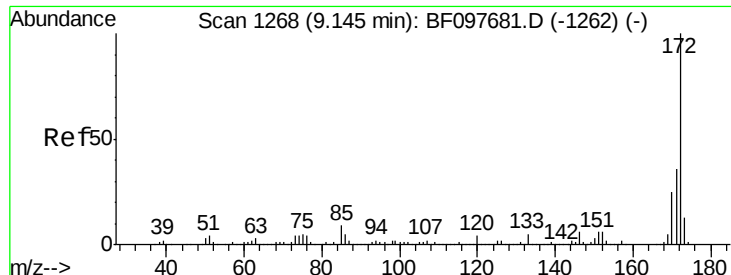
Tot Ion:164 Resp: 171692
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 50.7 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 39.76 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097985.D
 Acq: 23 Aug 2017 6:32

Tgt Ion:330 Resp: 59234
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 43.8 31.4 47.2

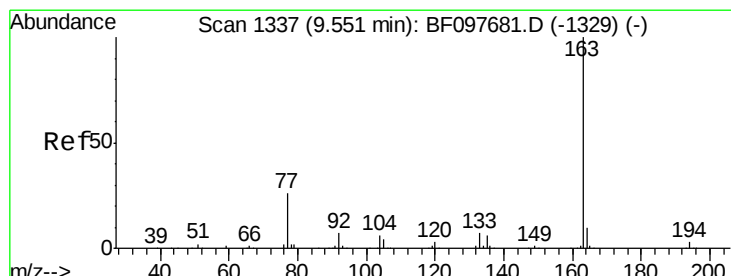
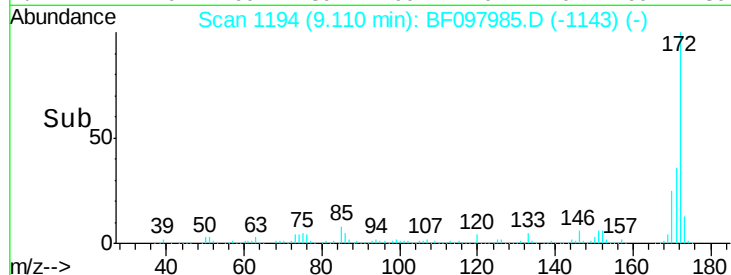
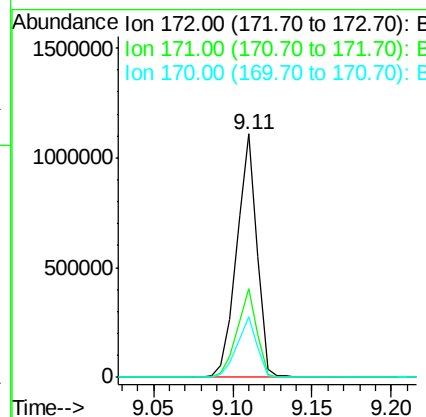
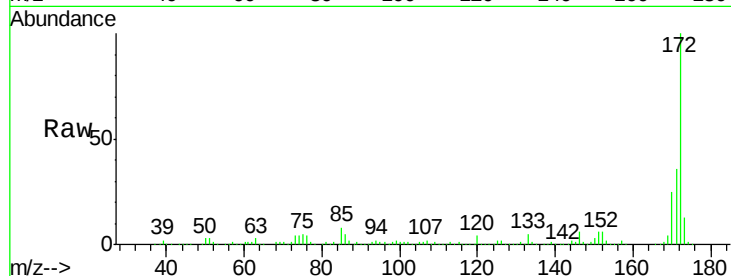




#44
 2-Fluorobiphenyl
 Concen: 84.29 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097985.D
 Acq: 23 Aug 2017 6:32

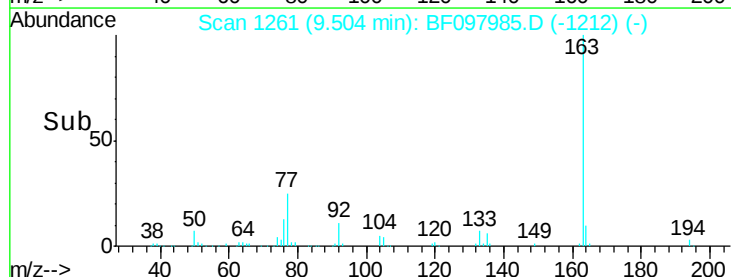
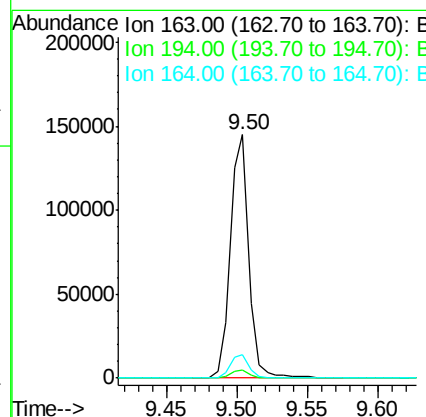
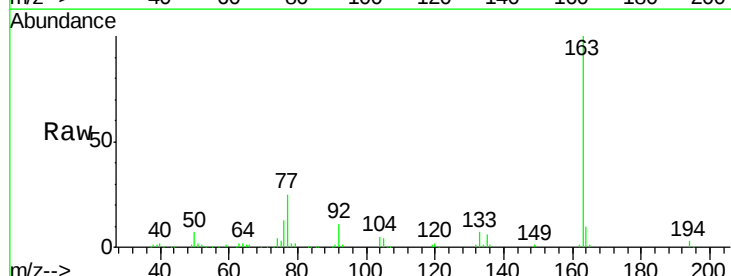
Instrument :
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Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.7	19.8	29.8



#49
 Dimethylphthalate
 Concen: 10.42 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF097985.D
 Acq: 23 Aug 2017 6:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.5	8.4	12.6

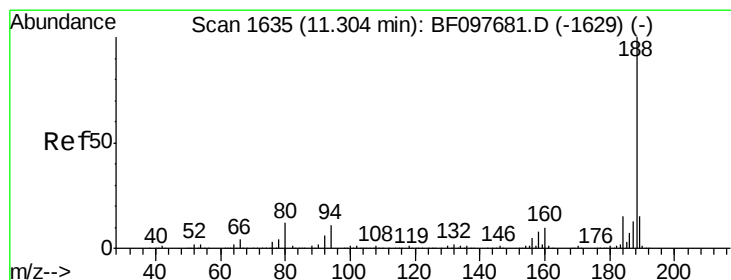
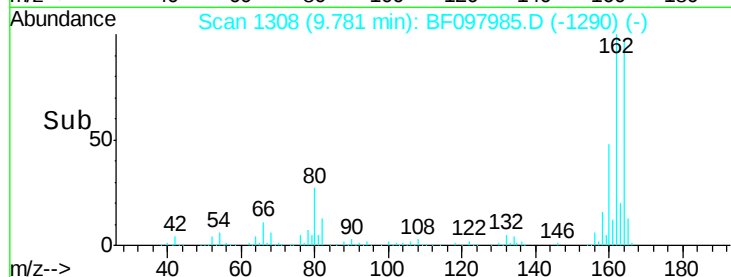
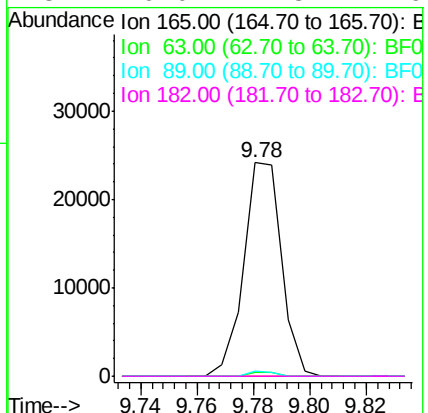
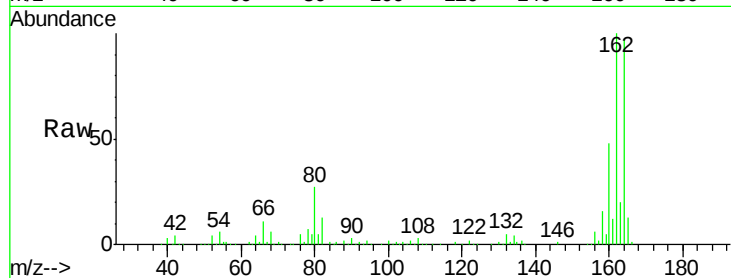




#56
 2,4-Dinitrotoluene
 Concen: 7.16 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097985.D
 Acq: 23 Aug 2017 6:32

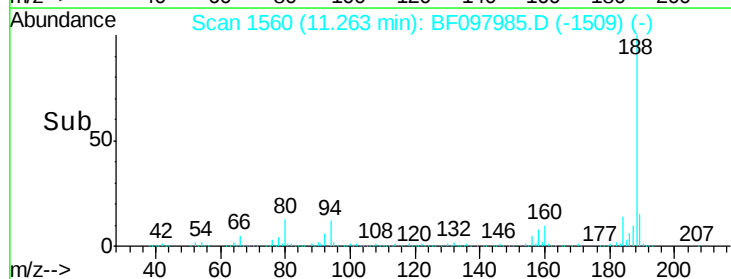
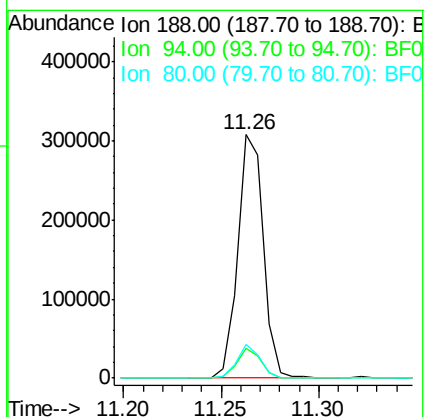
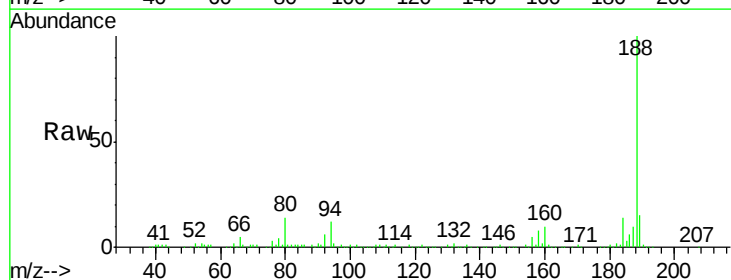
Instrument :
 BNA_F
 ClientSampleId :
 FENCE-POSTS-PILED-COMP

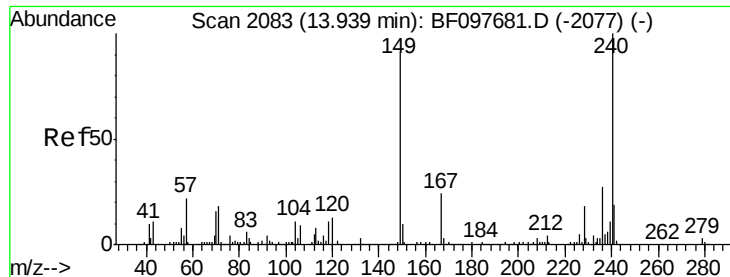
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 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	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	13.6	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

Instrument :

BNA_F

ClientSampleId :

FENCE-POSTS-PILED-COMP

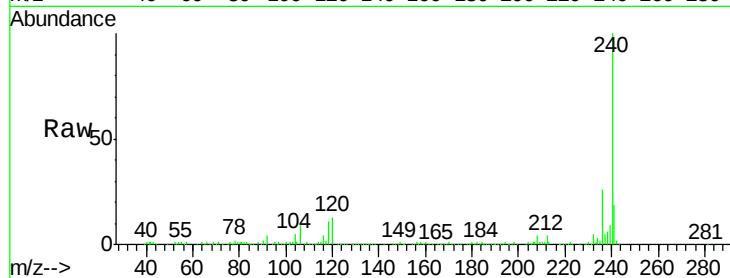
Tot Ion:240 Resp: 274121

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

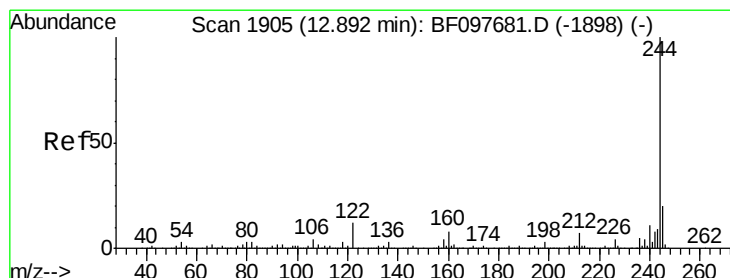
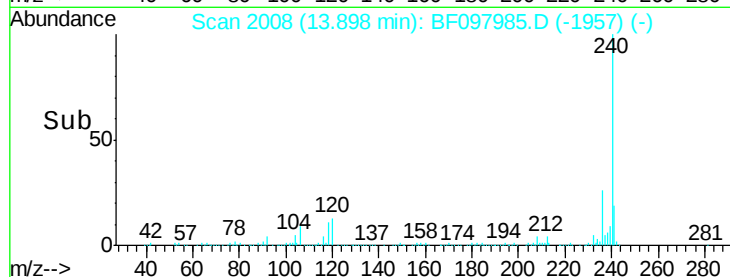
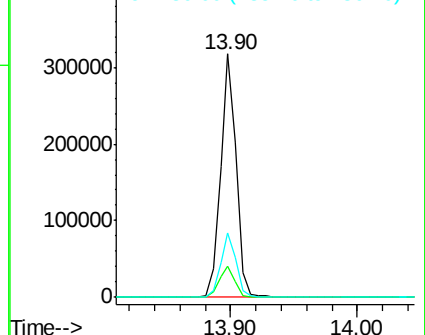
236 26.2 20.5 30.7



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: 54.91 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097985.D

Acq: 23 Aug 2017 6:32

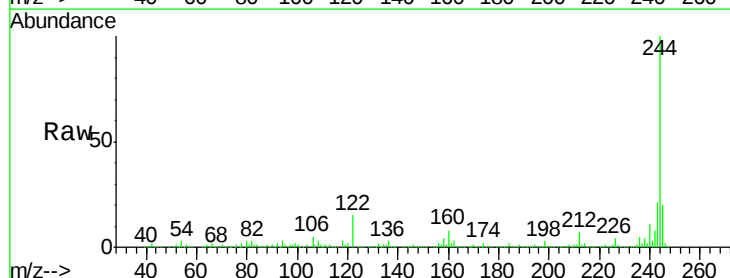
Tgt Ion:244 Resp: 721783

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

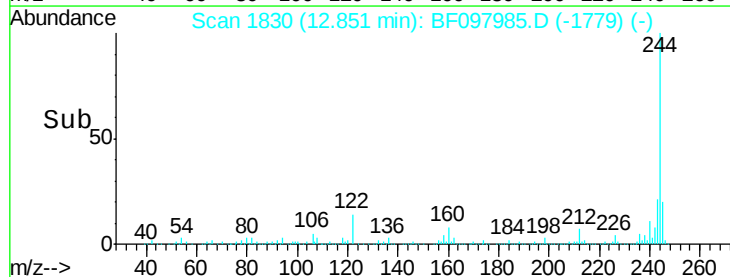
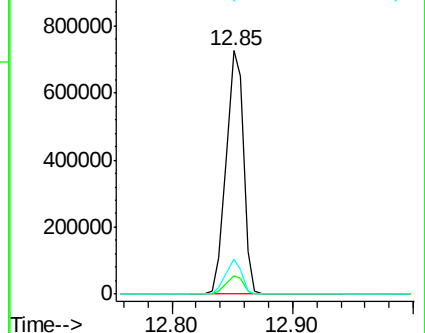
122 14.5 10.3 15.5

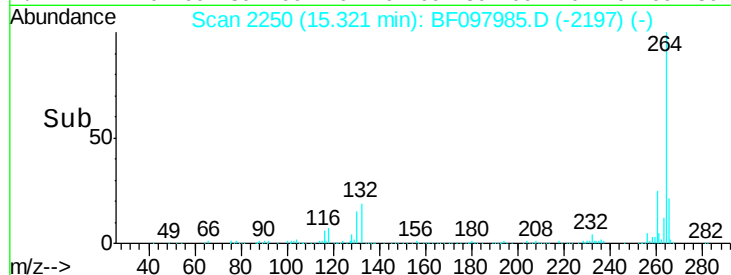
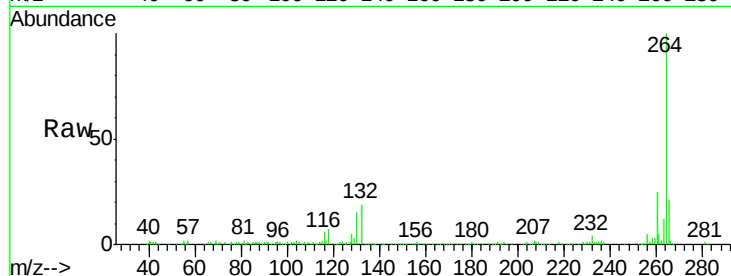
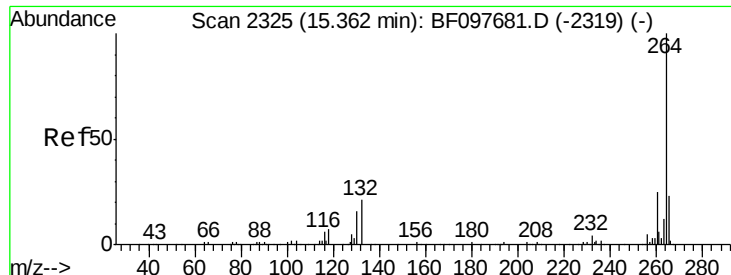


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 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:264	Resp:	196612
Ion Ratio	Lower	Upper
264	100	
260	24.8	19.5 29.3
265	21.1	17.2 25.8

