

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097091.D
 Acq On : 26 Jul 2017 22:38
 Operator : SJ/JU
 Sample : I4360-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 295-N-5-(0-2)

Quant Time: Jul 27 08:59:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

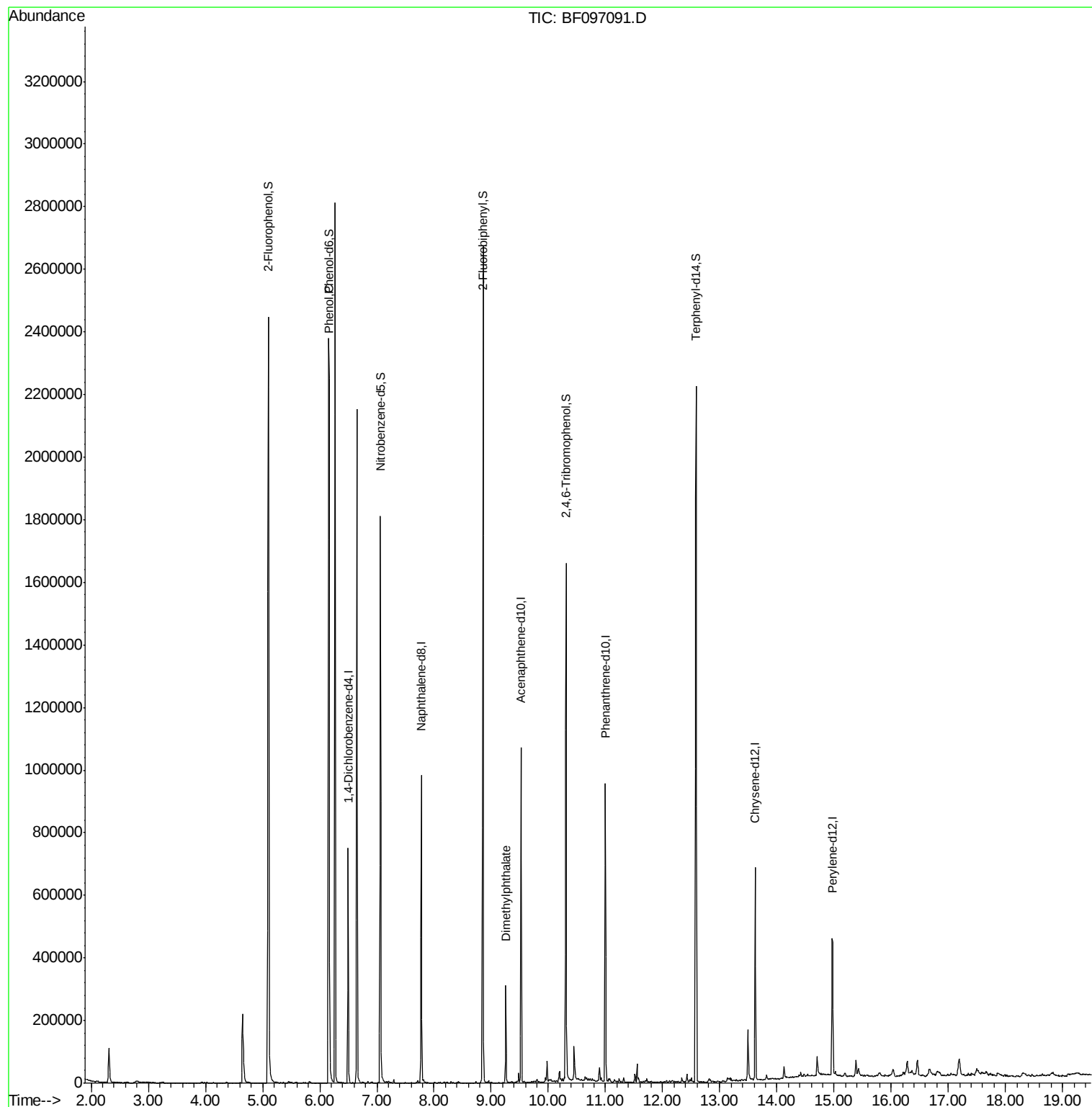
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	109167	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	454558	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	210817	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	317941	20.00	ng	0.00
75) Chrysene-d12	13.62	240	220474	20.00	ng	0.00
86) Perylene-d12	14.97	264	178865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	764654	105.59	ng	0.00
7) Phenol-d6	6.16	99	935806	113.19	ng	-0.01
23) Nitrobenzene-d5	7.06	82	576447	74.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	184585	110.82	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	902829	72.68	ng	-0.01
78) Terphenyl-d14	12.59	244	712201	65.86	ng	0.00
Target Compounds						
10) Phenol	6.17	94	28746	2.931	ng	99
49) Dimethylphthalate	9.26	163	128137	8.004	ng	98

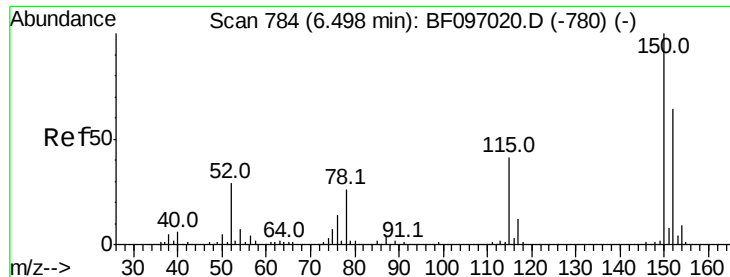
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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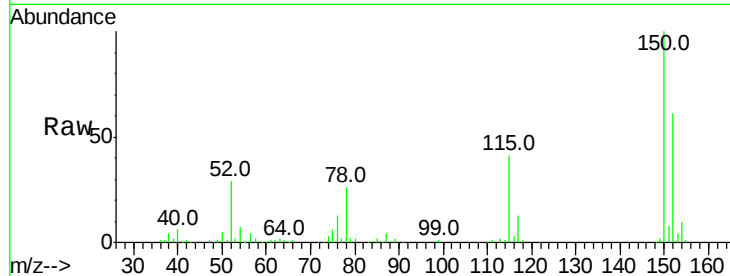


#1

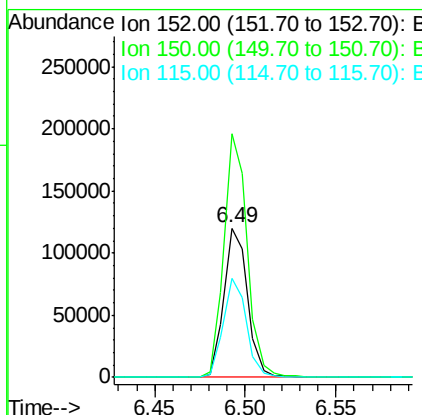
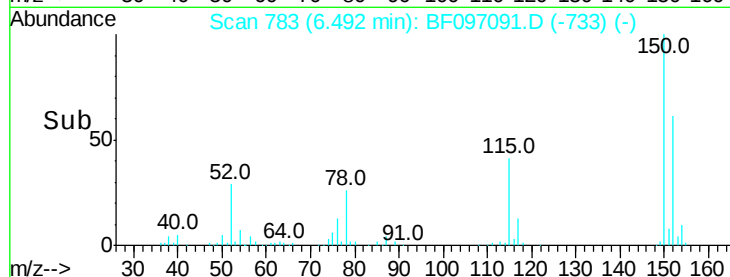
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF097091.D
 Acq: 26 Jul 2017 22:38

Instrument :
 BNA_F
 ClientSampleId :
 295-N-5-(0-2)

Tot Ion:152 Resp: 109167
 Ion Ratio Lower Upper
 152 100
 150 163.1 126.2 189.2
 115 66.2 52.2 78.2



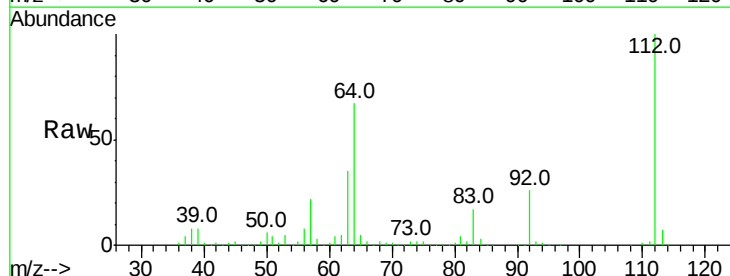
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



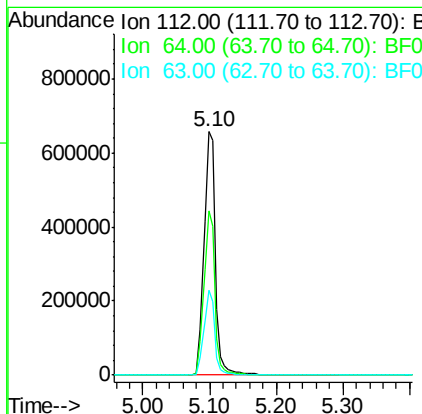
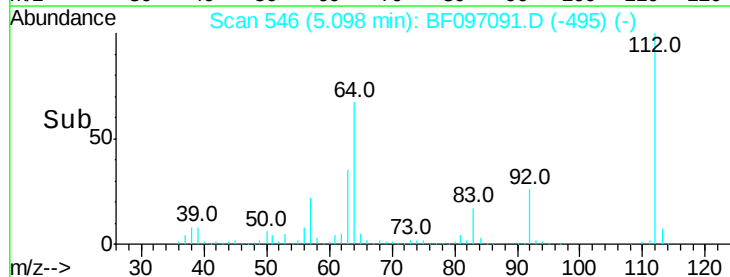
#5

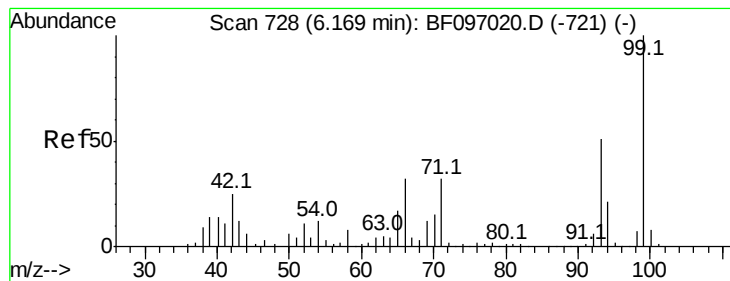
2-Fluorophenol
 Concen: 105.591 ng
 RT: 5.10 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF097091.D
 Acq: 26 Jul 2017 22:38

Tgt Ion:112 Resp: 764654
 Ion Ratio Lower Upper
 112 100
 64 67.4 46.0 69.0
 63 34.7 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: 113.195 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

Instrument :

BNA_F

ClientSampleId :

295-N-5-(0-2)

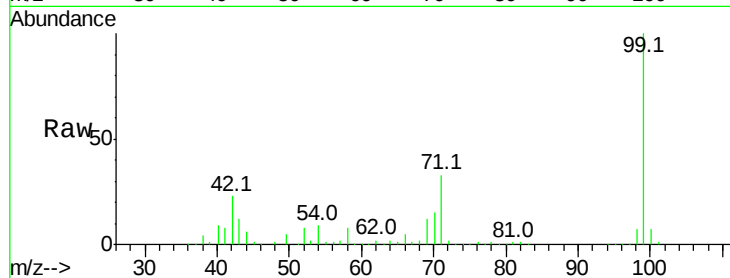
Tot Ion: 99 Resp: 935806

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

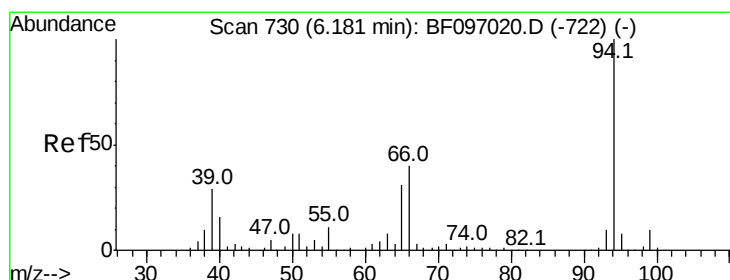
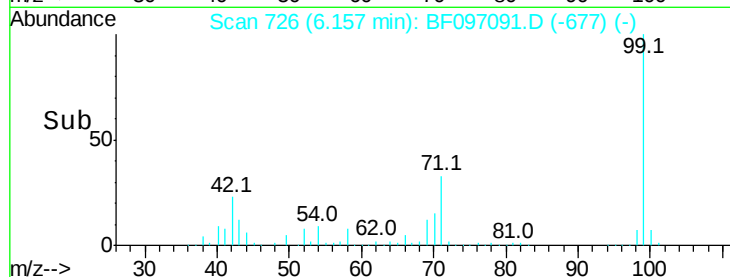
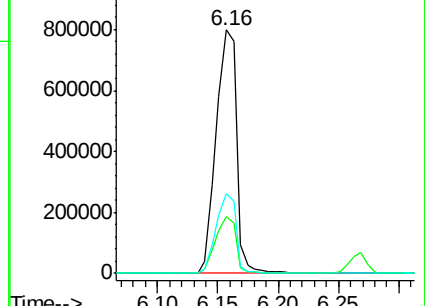
71 32.7 24.5 36.7



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



#10

Phenol

Concen: 2.931 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

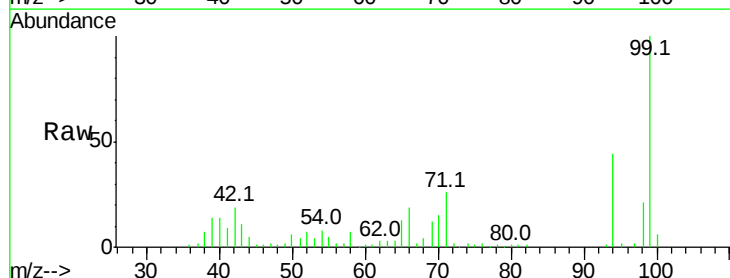
Tgt Ion: 94 Resp: 28746

Ion Ratio Lower Upper

94 100

65 30.7 9.9 49.9

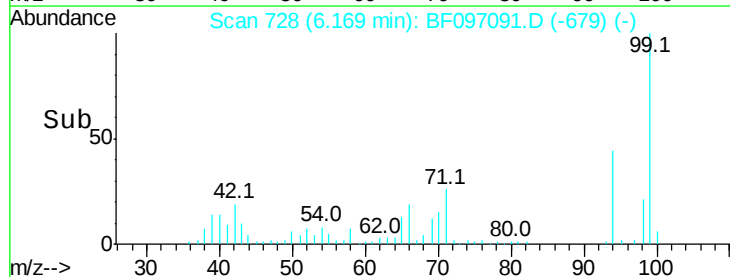
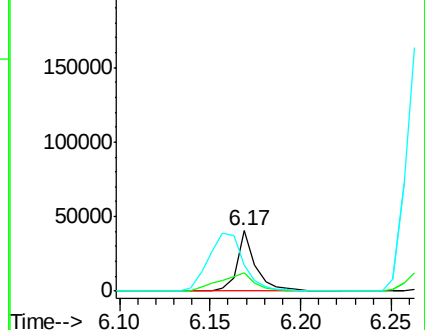
66 43.5 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

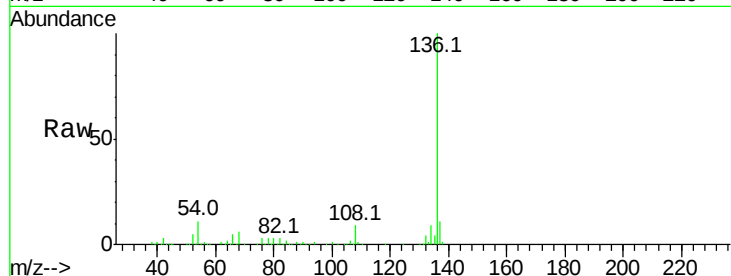




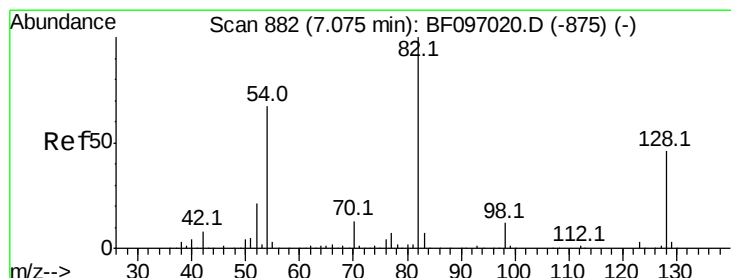
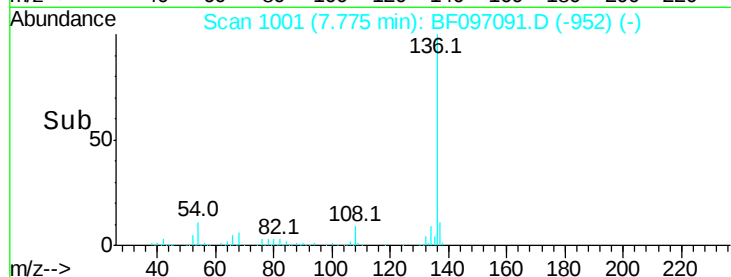
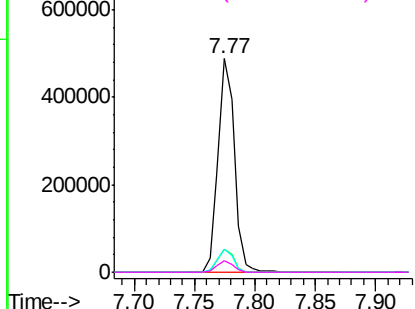
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF097091.D
Acq: 26 Jul 2017 22:38

Instrument :
BNA_F
ClientSampleId :
295-N-5-(0-2)

Tot Ion:136	Resp:	454558
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	10.5	4.9 7.3#
68	5.6	4.1 6.1

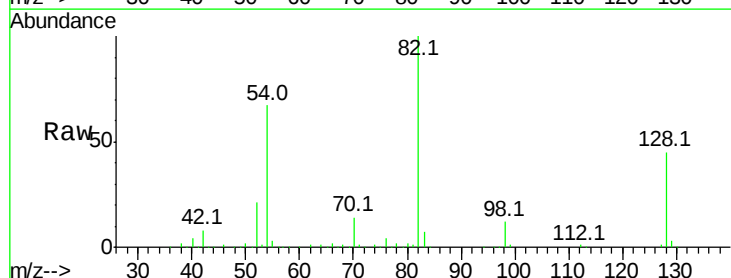


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

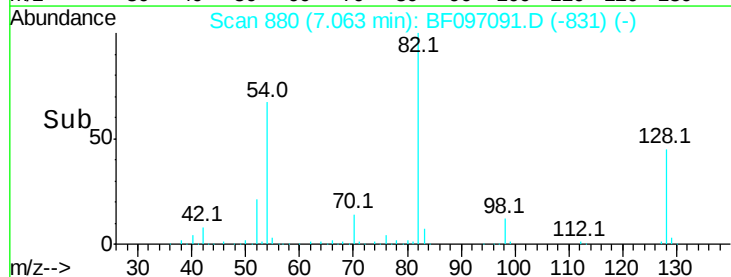
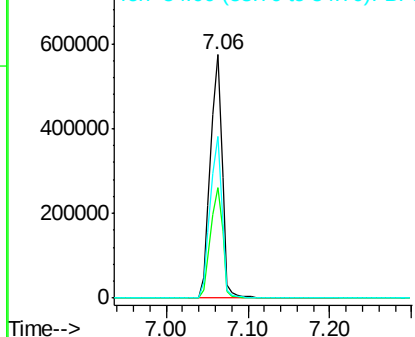


#23
Nitrobenzene-d5
Concen: 74.395 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097091.D
Acq: 26 Jul 2017 22:38

Tgt Ion: 82	Resp:	576447
Ion Ratio	Lower	Upper
82	100	
128	45.4	34.0 51.0
54	66.6	42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

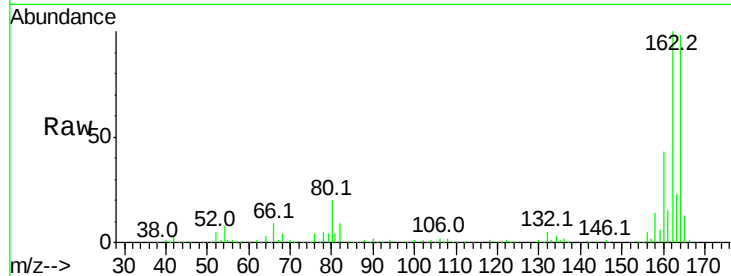




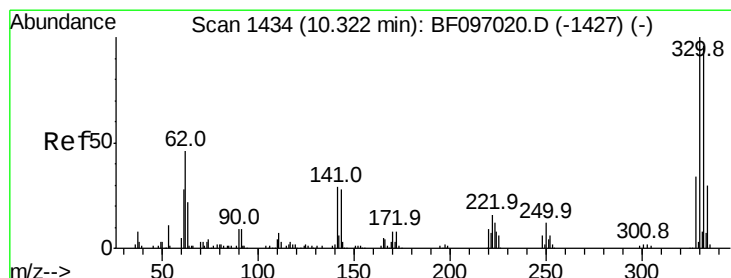
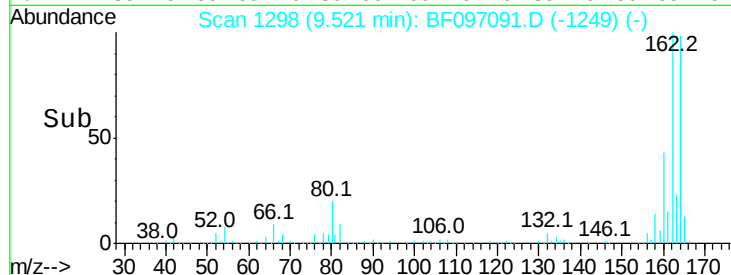
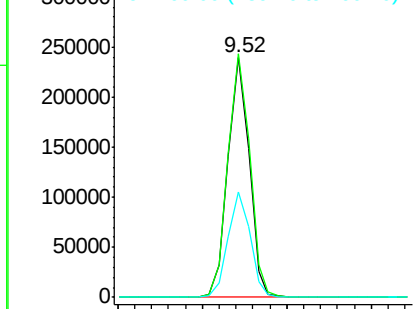
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF097091.D
Acq: 26 Jul 2017 22:38

Instrument :
BNA_F
ClientSampleId :
295-N-5-(0-2)

Tot Ion:164 Resp: 210817
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 43.9 36.2 54.2

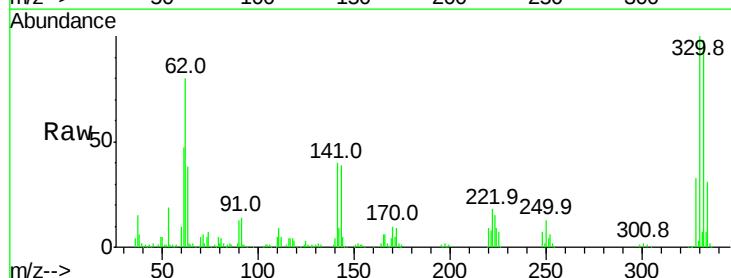


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

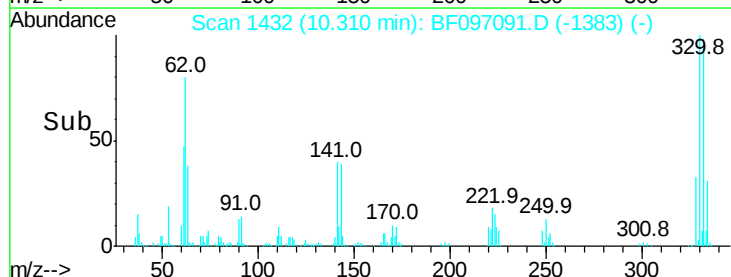
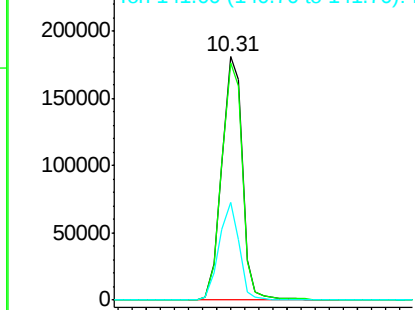


#41
2,4,6-Tribromophenol
Concen: 110.818 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097091.D
Acq: 26 Jul 2017 22:38

Tgt Ion:330 Resp: 184585
Ion Ratio Lower Upper
330 100
332 98.1 76.6 115.0
141 39.2 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

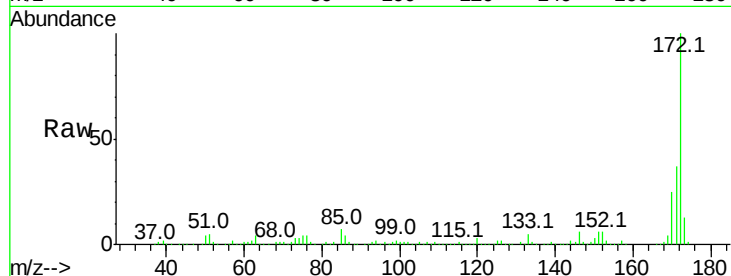




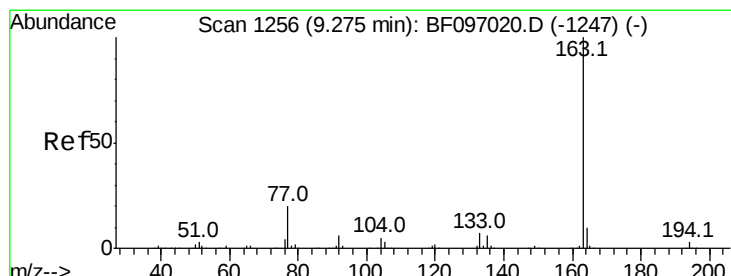
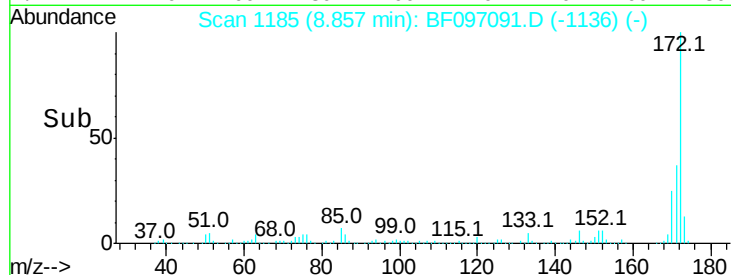
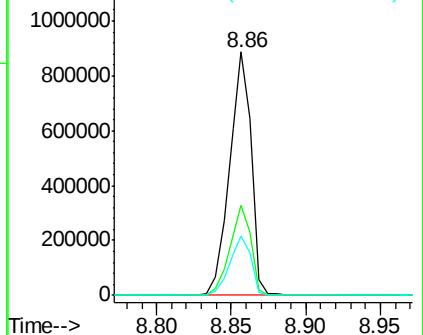
#44
2-Fluorobiphenyl
Concen: 72.679 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097091.D
Acq: 26 Jul 2017 22:38

Instrument :
BNA_F
ClientSampleId :
295-N-5-(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.5	19.8	29.8

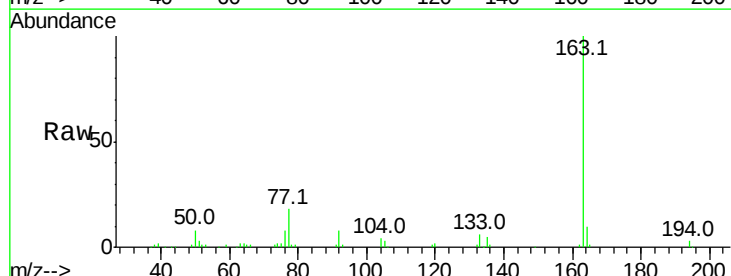


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

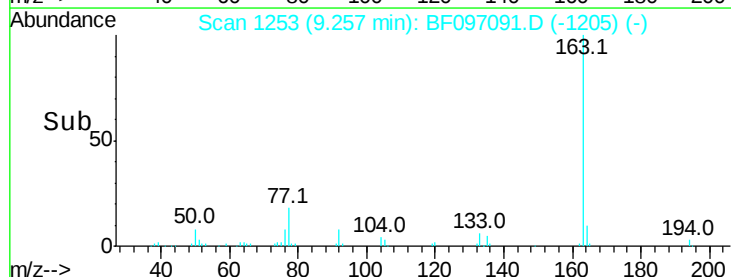
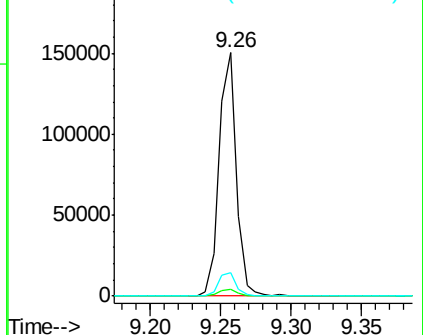


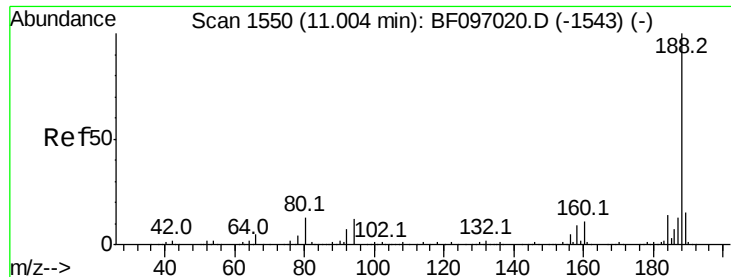
#49
Dimethylphthalate
Concen: 8.004 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097091.D
Acq: 26 Jul 2017 22:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.6	4.0
164	9.8	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

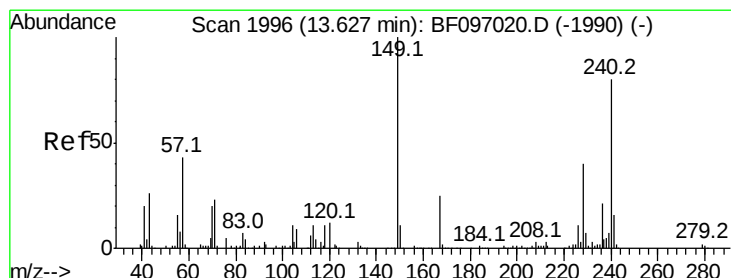
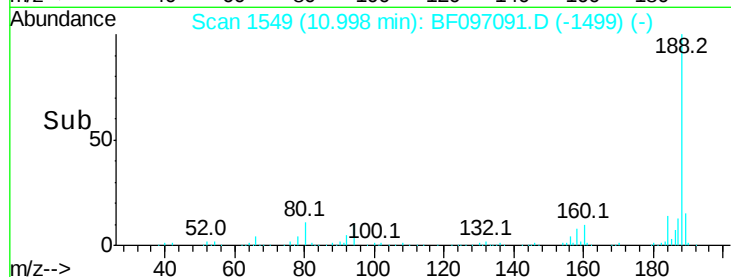
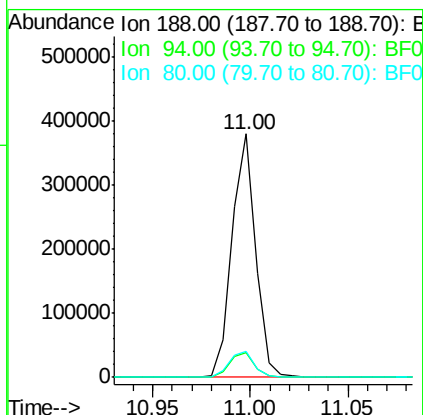
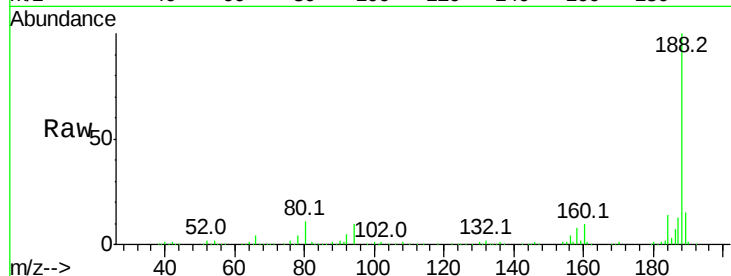




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097091.D
Acq: 26 Jul 2017 22:38

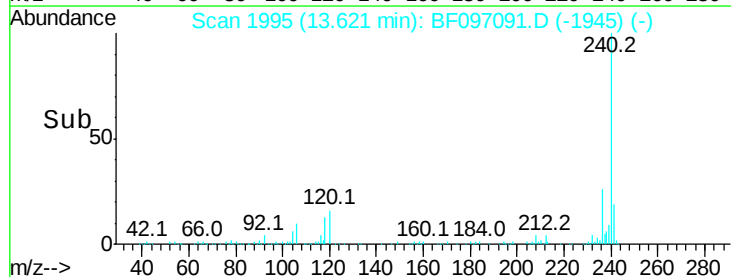
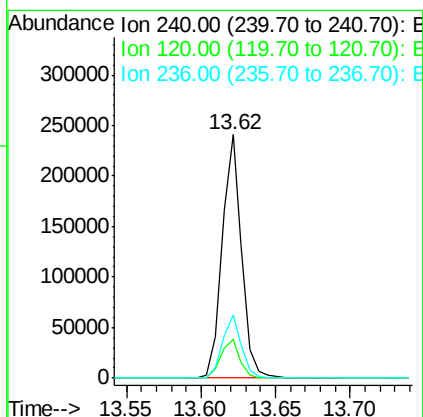
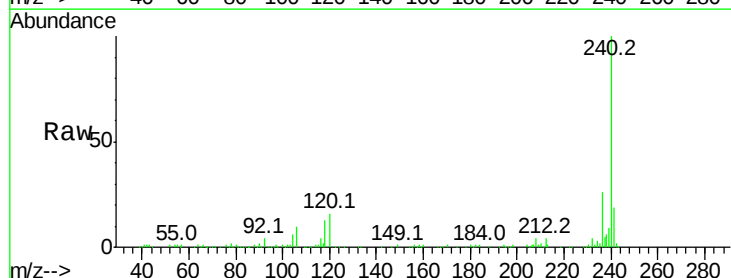
Instrument :
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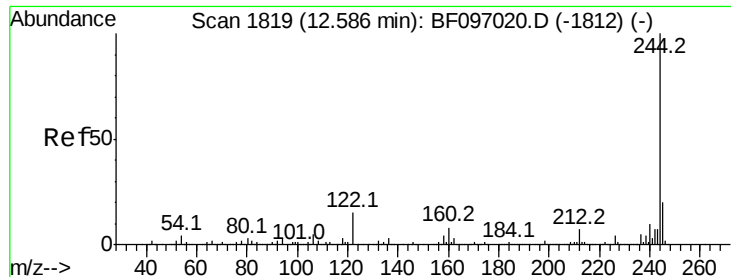
Tot Ion:188 Resp: 317941
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 10.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097091.D
Acq: 26 Jul 2017 22:38

Tgt Ion:240 Resp: 220474
Ion Ratio Lower Upper
240 100
120 15.7 5.8 8.8#
236 26.0 20.5 30.7





#78

Terphenyl-d14

Concen: 65.861 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

Instrument :

BNA_F

ClientSampleId :

295-N-5-(0-2)

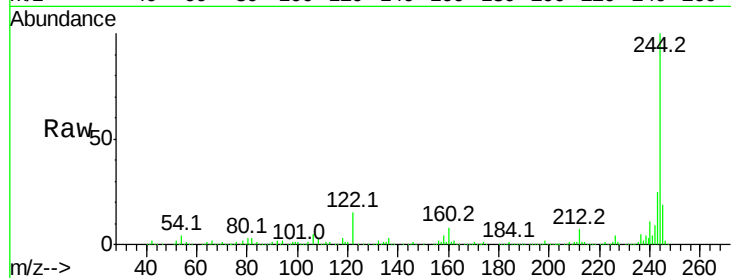
Tot Ion:244 Resp: 712201

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

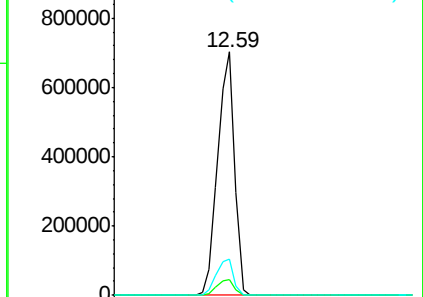
122 14.9 10.3 15.5



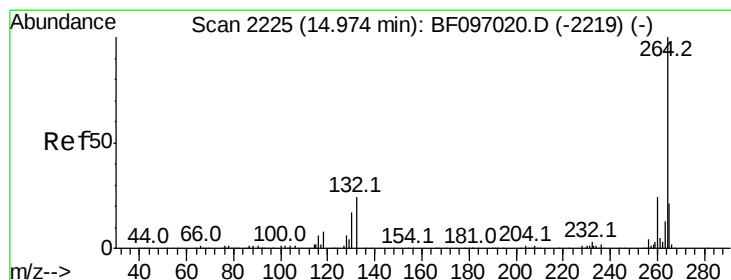
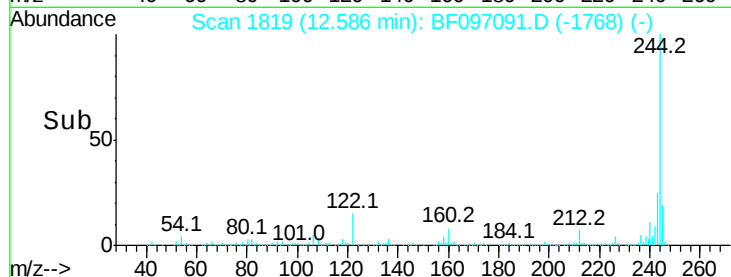
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.50 12.60 12.70



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

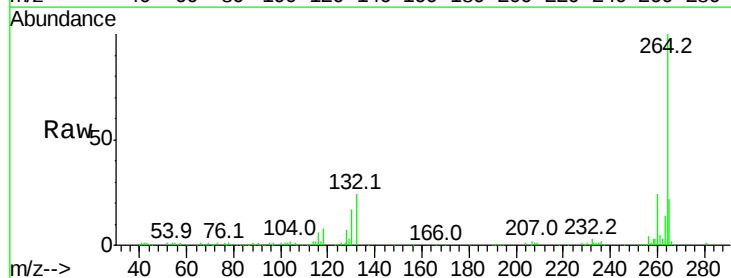
Tgt Ion:264 Resp: 178865

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

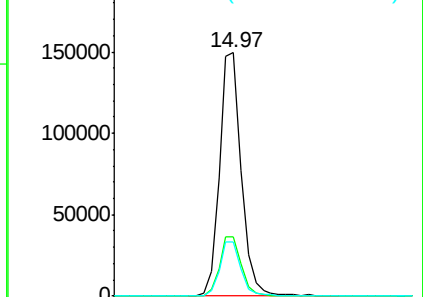
265 22.1 17.2 25.8



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



Time--> 14.90 15.00

