

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097315.D
 Acq On : 3 Aug 2017 12:26
 Operator : SJ/JU
 Sample : I4527-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 13:22:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 12:06:13 2017
 Response via : Initial Calibration

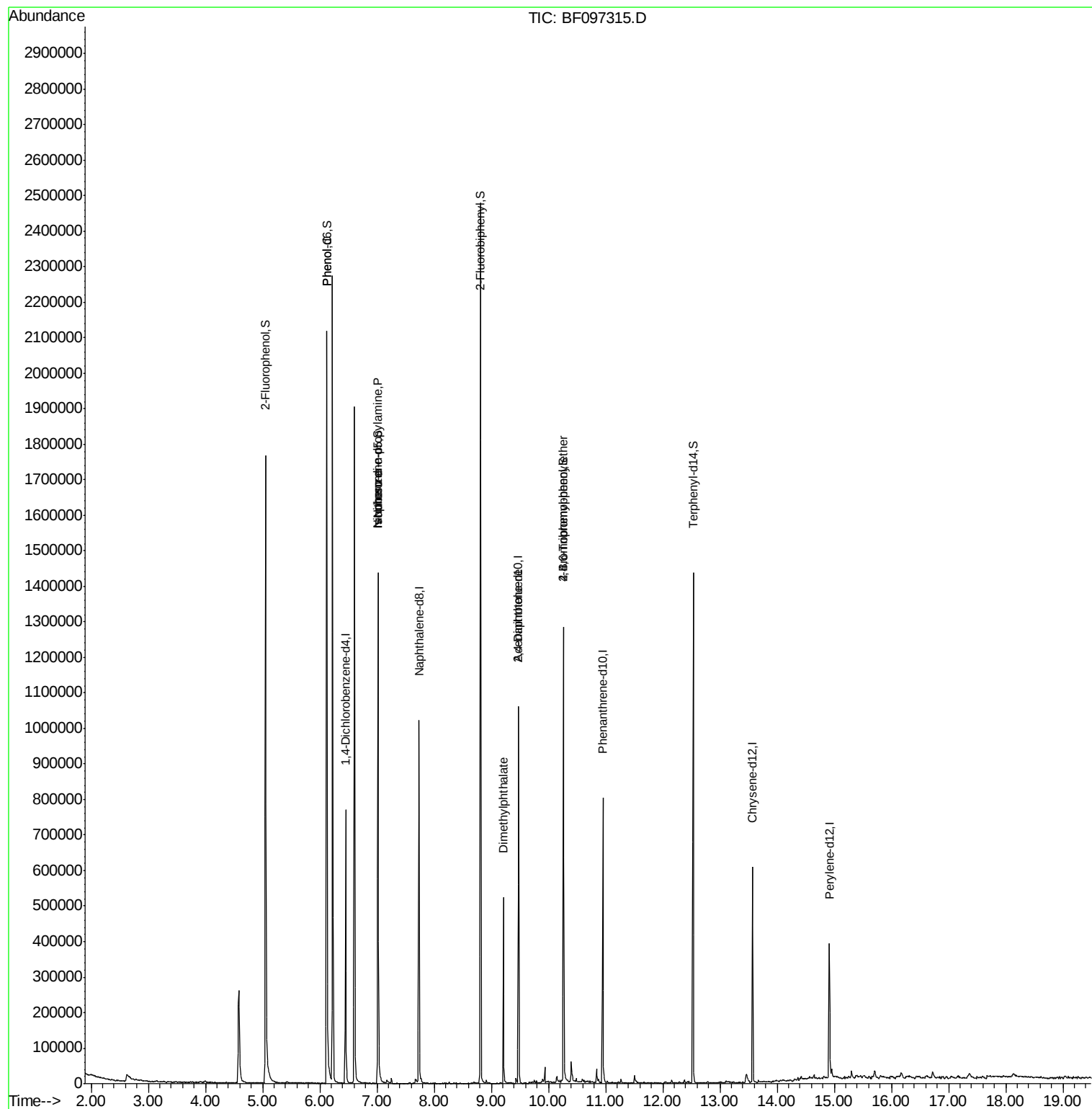
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	117454	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	448665	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	195955	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	301927	20.00	ng	0.00
75) Chrysene-d12	13.57	240	200338	20.00	ng	-0.01
86) Perylene-d12	14.92	264	157025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	606707	77.87	ng	0.00
7) Phenol-d6	6.12	99	764938	86.00	ng	0.00
23) Nitrobenzene-d5	7.02	82	450707	58.93	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	133888	86.48	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	758787	65.72	ng	0.00
78) Terphenyl-d14	12.53	244	466037	47.43	ng	0.00
Target Compounds						
10) Phenol	6.13	94	37156	3.522	ng	77
19) n-Nitroso-di-n-propylamine	7.02	70	59409	10.147	ng	# 87
25) Isophorone	7.02	82	450704	30.092	ng	# 67
49) Dimethylphthalate	9.21	163	193394	12.996	ng	98
56) 2,4-Dinitrotoluene	9.47	165	25043	6.902	ng	# 33
66) 4-Bromophenyl-phenylether	10.26	248	9190	3.050	ng	# 1

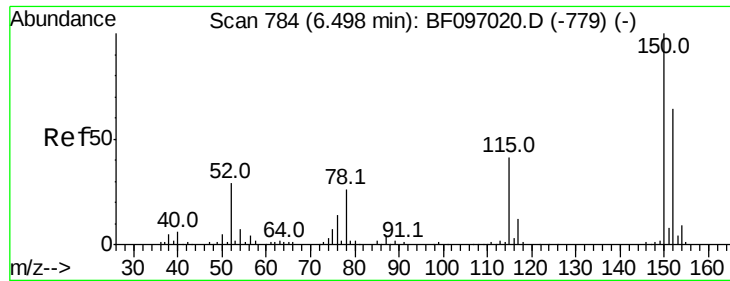
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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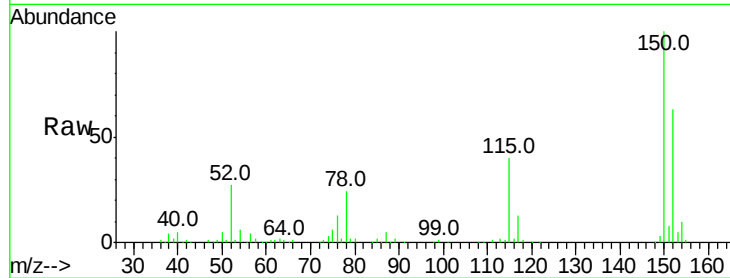


#1

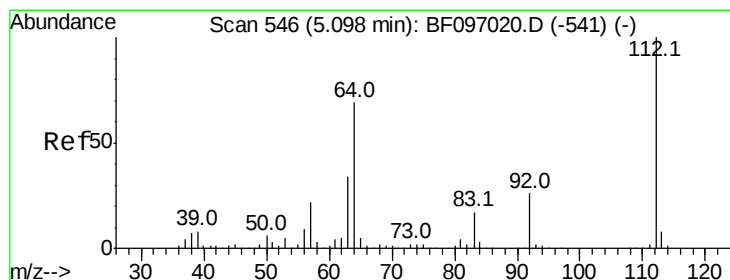
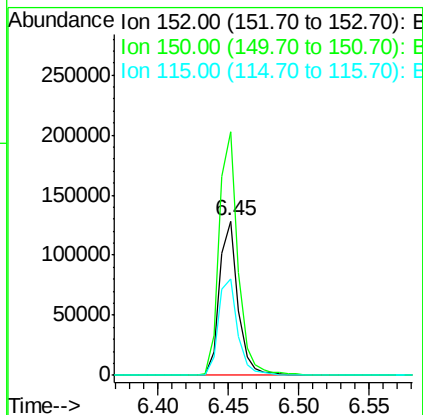
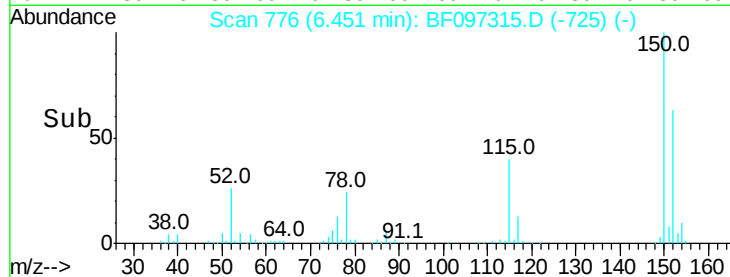
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF097315.D
Acq: 3 Aug 2017 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117454
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 62.6 52.2 78.2



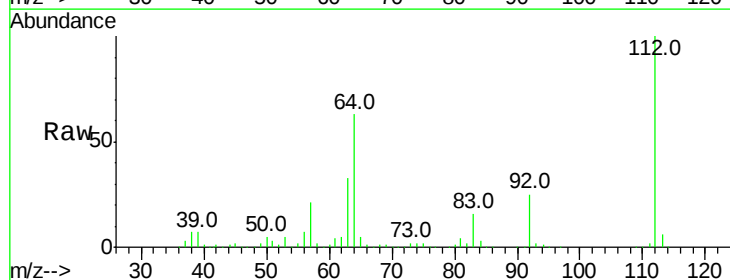
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



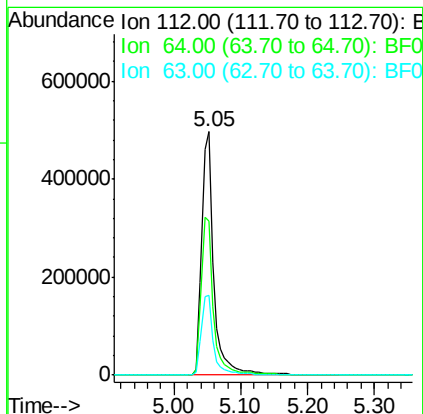
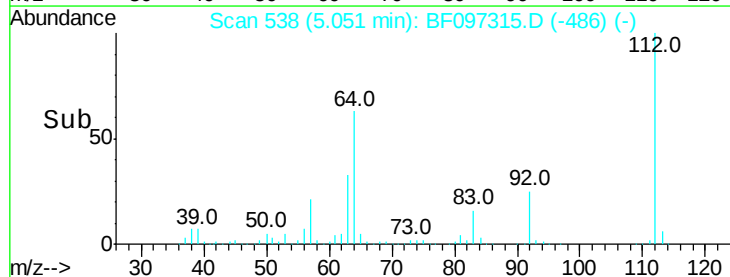
#5

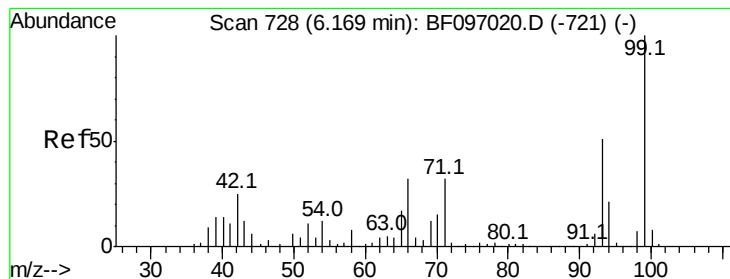
2-Fluorophenol
Concen: 77.869 ng
RT: 5.05 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF097315.D
Acq: 3 Aug 2017 12:26

Tgt Ion:112 Resp: 606707
Ion Ratio Lower Upper
112 100
64 63.4 46.0 69.0
63 32.9 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: 85.999 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF097315.D

Acq: 3 Aug 2017 12:26

Instrument :

BNA_F

ClientSampled :

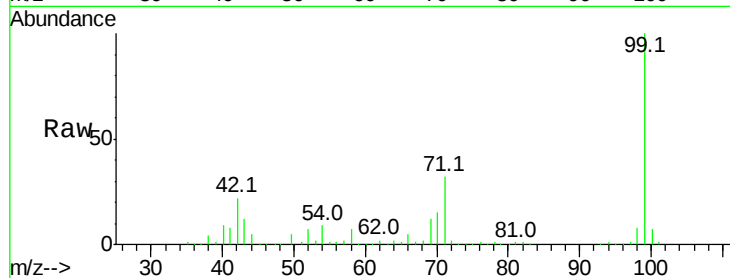
Tot Ion: 99 Resp: 764938

Ion Ratio Lower Upper

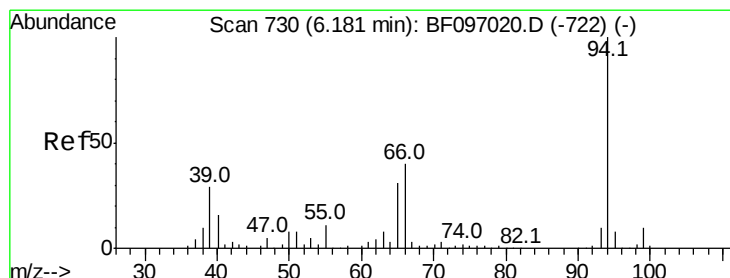
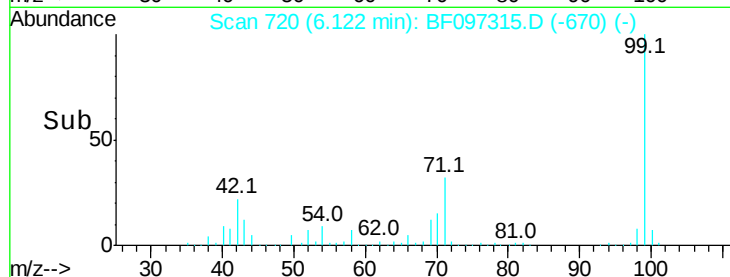
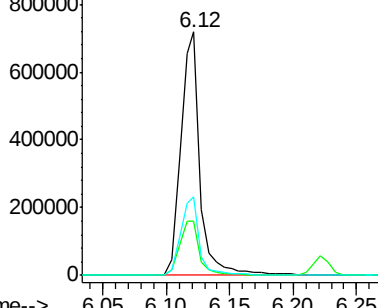
99 100

42 22.2 13.5 20.3#

71 32.0 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: 3.522 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF097315.D

Acq: 3 Aug 2017 12:26

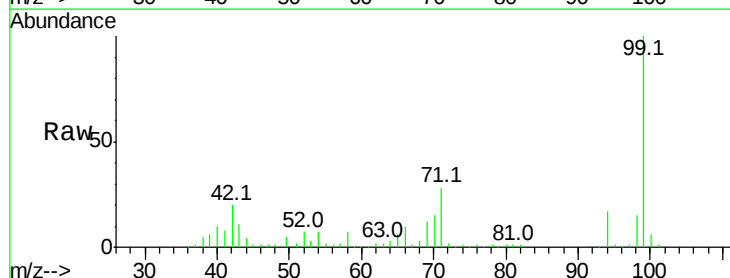
Tgt Ion: 94 Resp: 37156

Ion Ratio Lower Upper

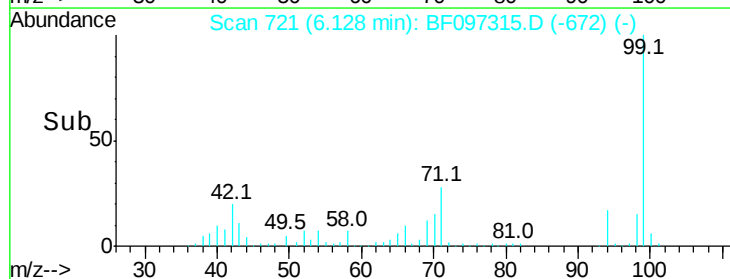
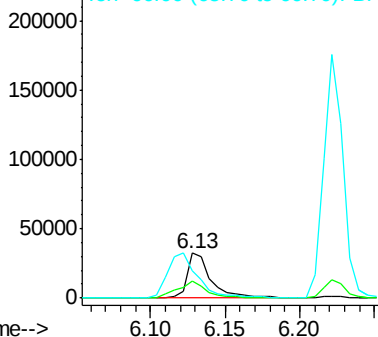
94 100

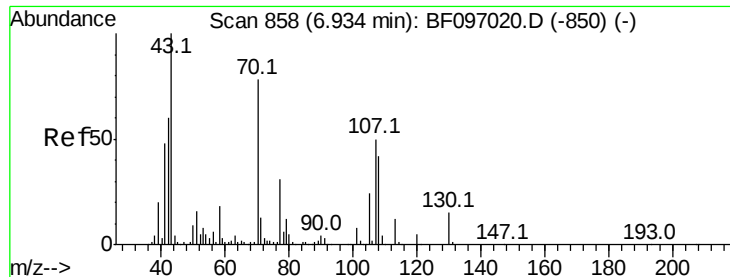
65 37.6 9.9 49.9

66 61.8 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

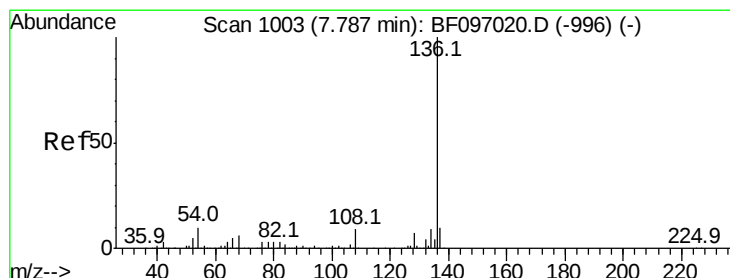
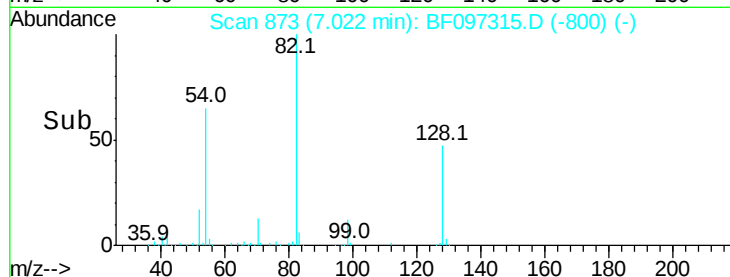
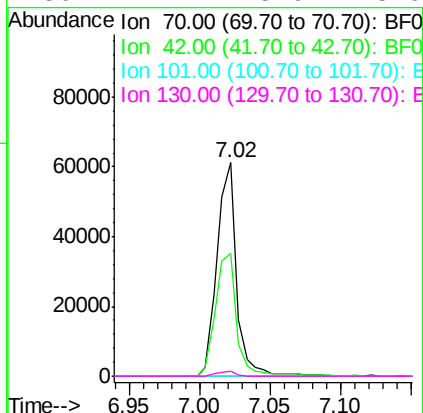
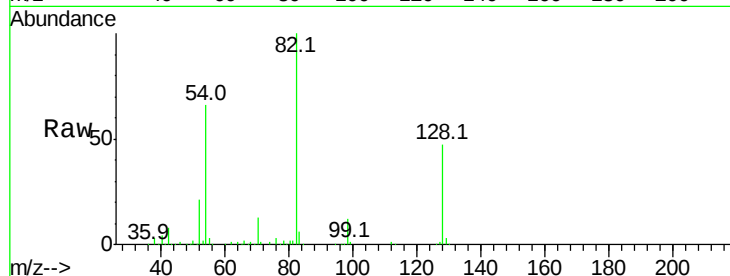




#19
n-Nitroso-di-n-propylamine
Concen: 10.147 ng
RT: 7.02 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF097315.D
Acq: 3 Aug 2017 12:26

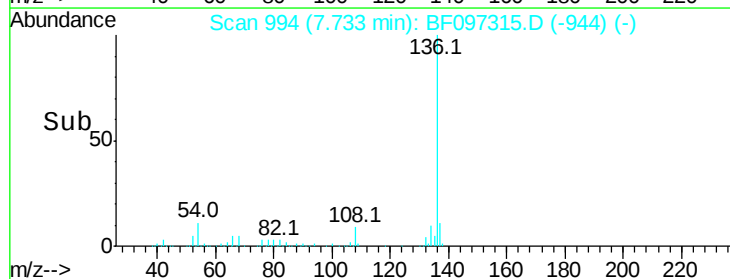
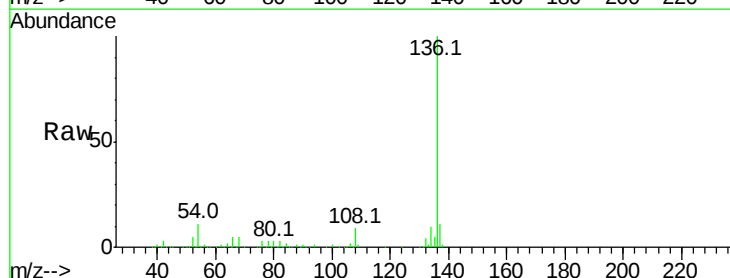
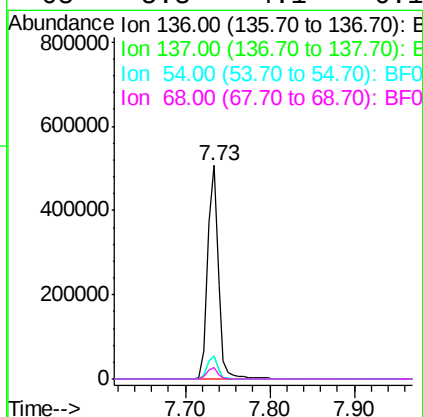
Instrument :
BNA_F
ClientSampleId :

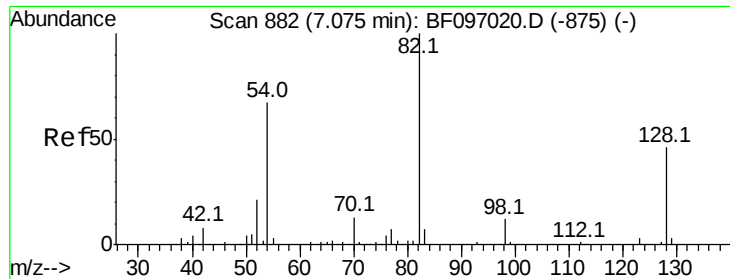
Tot Ion: 70 Resp: 59409
Ion Ratio Lower Upper
70 100
42 57.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF097315.D
Acq: 3 Aug 2017 12:26

Tgt Ion:136 Resp: 448665
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.5 4.9 7.3#
68 5.3 4.1 6.1

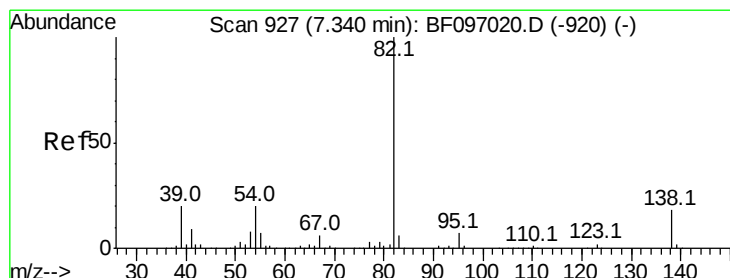
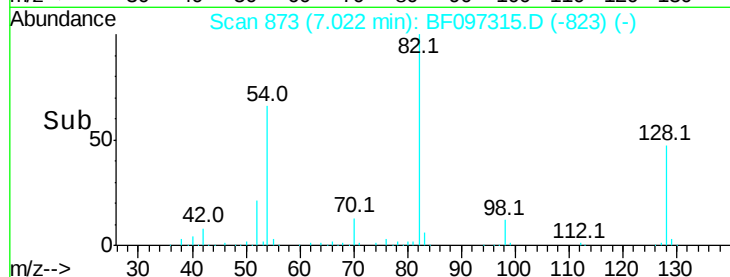
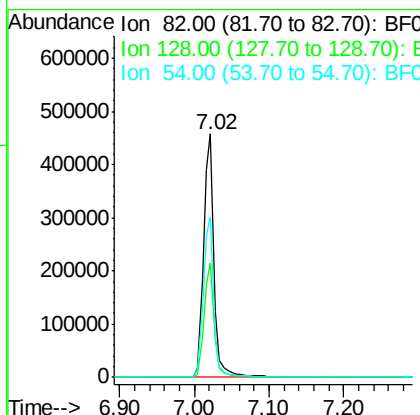
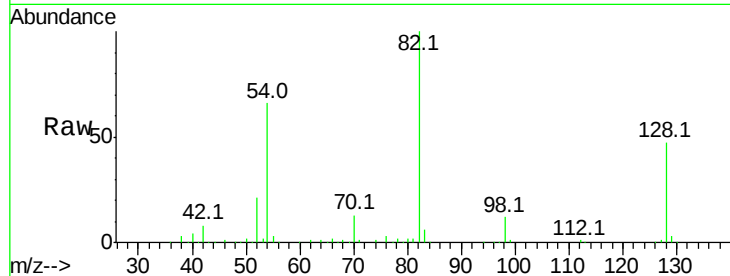




#23
 Nitrobenzene-d5
 Concen: 58.931 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF097315.D
 Acq: 3 Aug 2017 12:26

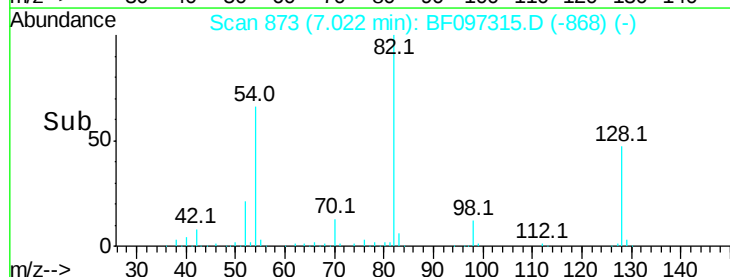
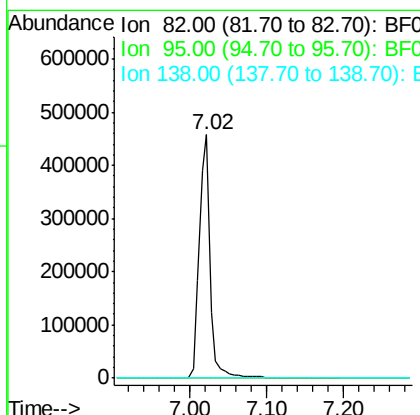
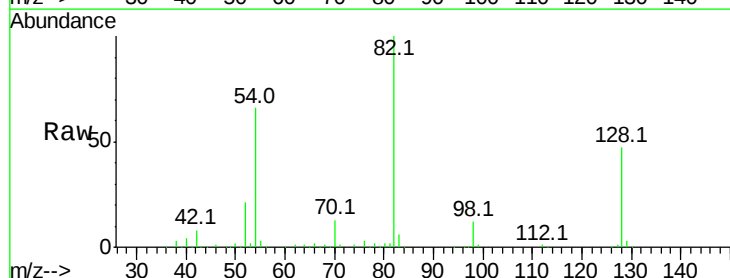
Instrument :
 BNA_F
 ClientSampled :

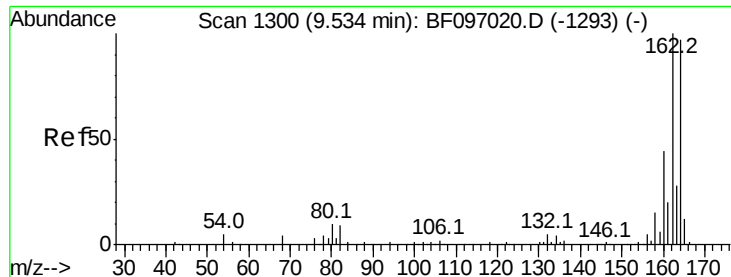
Tot Ion: 82 Resp: 450707
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 65.7 42.2 63.2#



#25
 Isophorone
 Concen: 30.092 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.27 min
 Lab File: BF097315.D
 Acq: 3 Aug 2017 12:26

Tgt Ion: 82 Resp: 450704
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

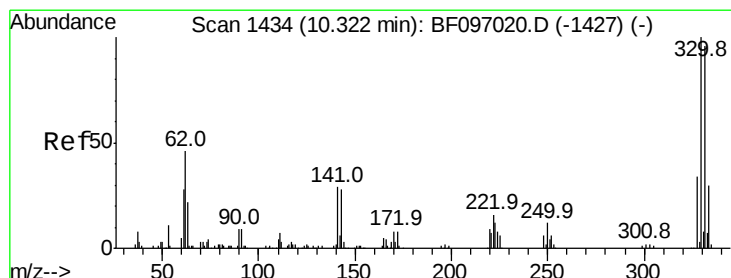
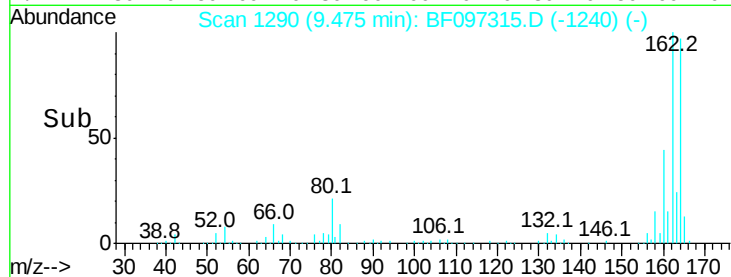
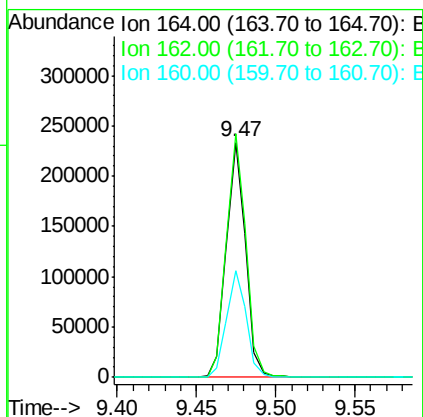
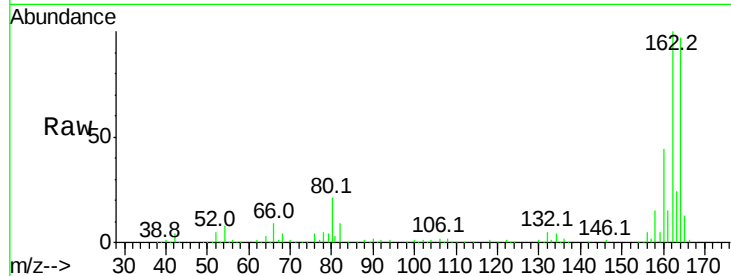




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097315.D
 Acq: 3 Aug 2017 12:26

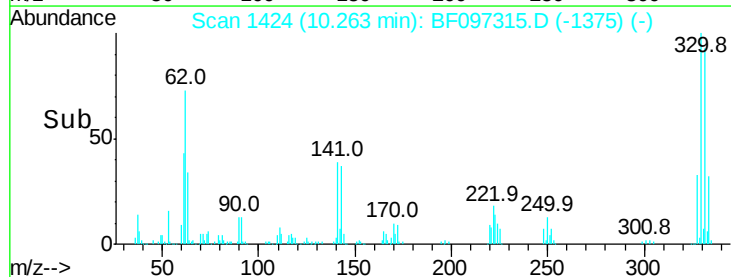
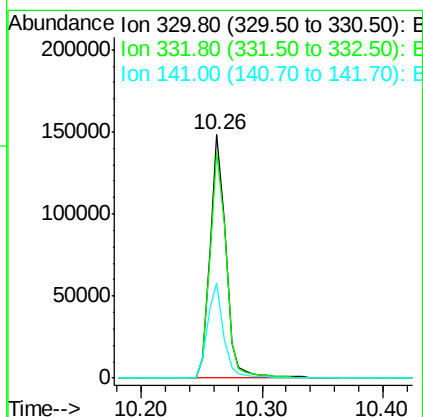
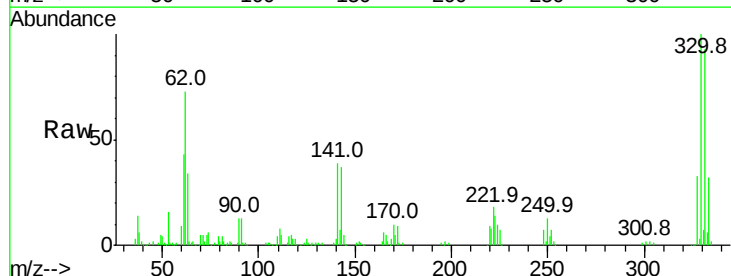
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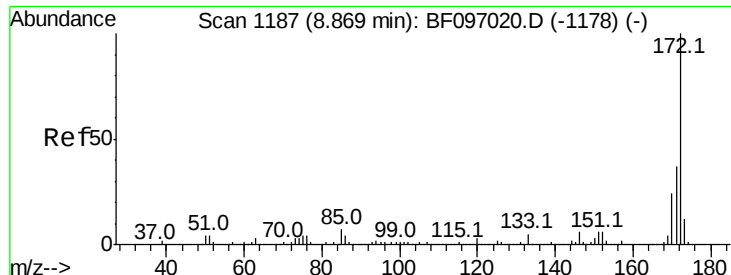
Tot Ion:164 Resp: 195955
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 45.5 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 86.478 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF097315.D
 Acq: 3 Aug 2017 12:26

Tgt Ion:330 Resp: 133888
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 40.1 31.4 47.2

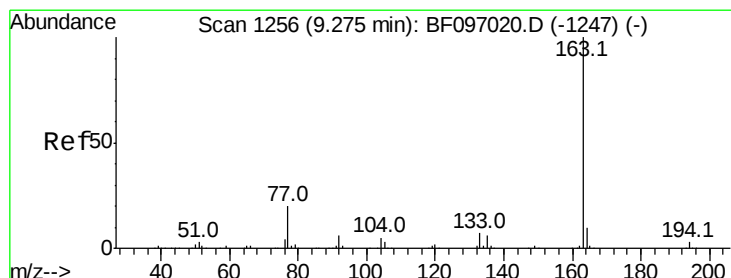
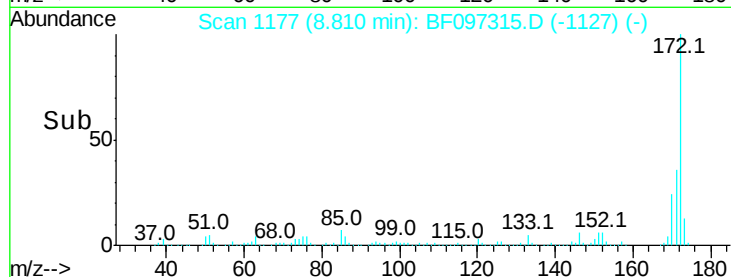
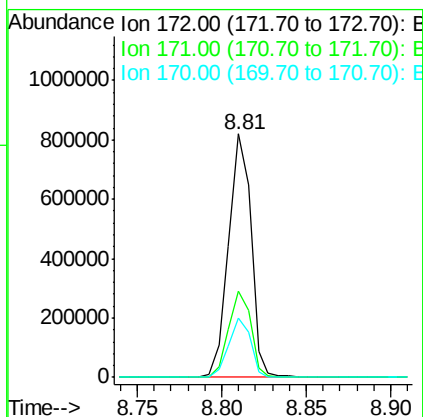
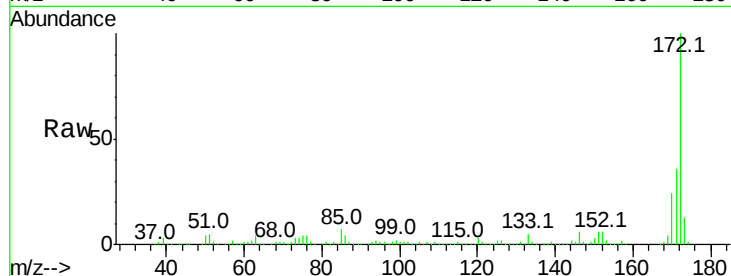




#44
2-Fluorobiphenyl
Concen: 65.716 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF097315.D
Acq: 3 Aug 2017 12:26

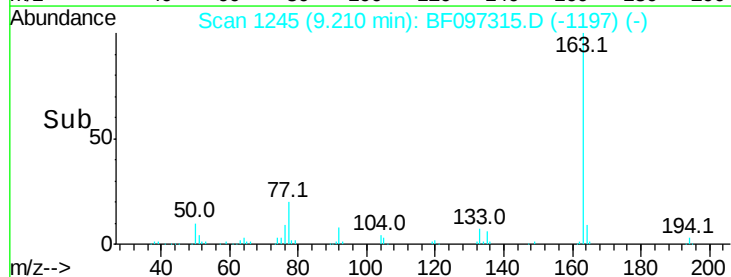
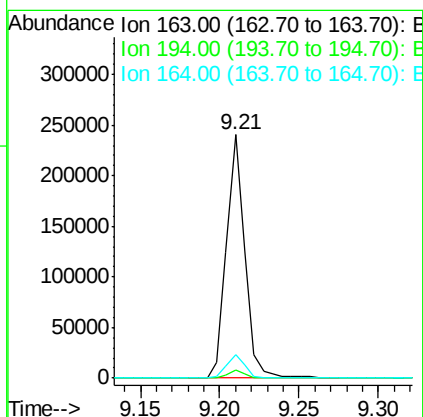
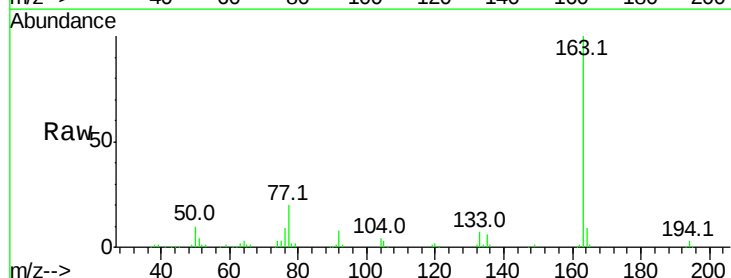
Instrument :
BNA_F
ClientSampleId :

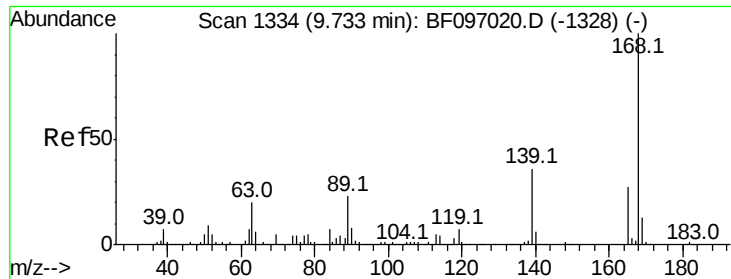
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.1	19.8	29.8



#49
Dimethylphthalate
Concen: 12.996 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF097315.D
Acq: 3 Aug 2017 12:26

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

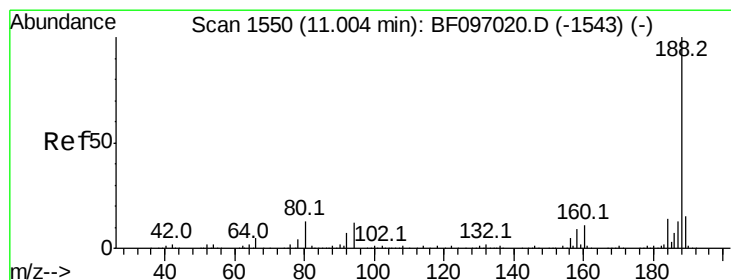
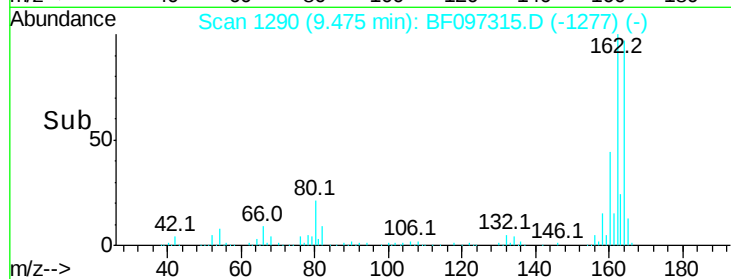
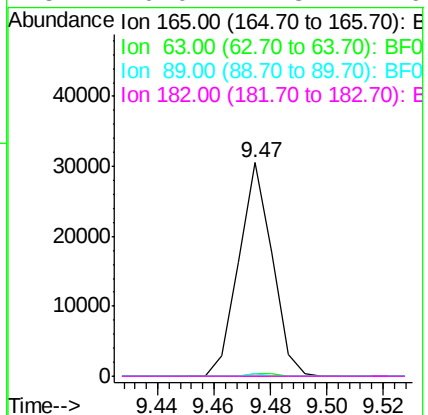
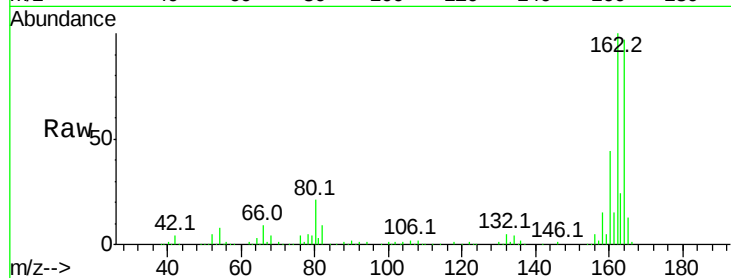




#56
 2,4-Dinitrotoluene
 Concen: 6.902 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.22 min
 Lab File: BF097315.D
 Acq: 3 Aug 2017 12:26

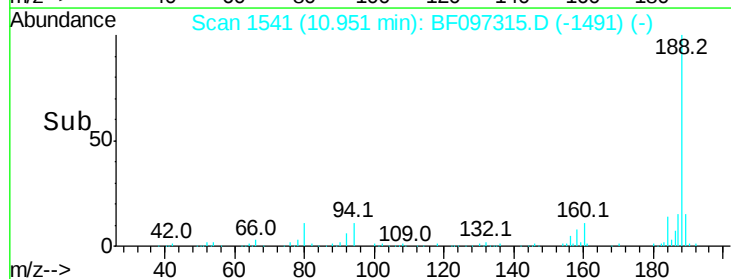
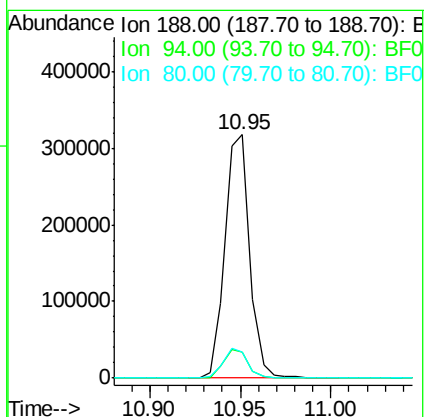
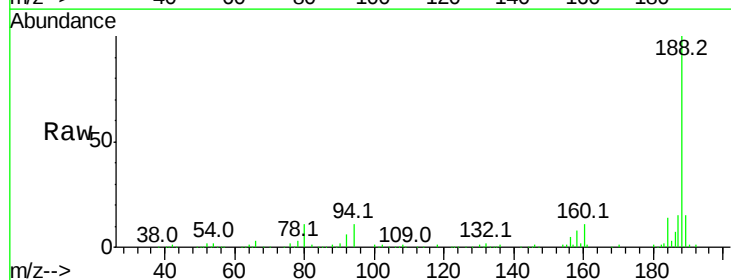
Instrument :
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 ClientSampleId :

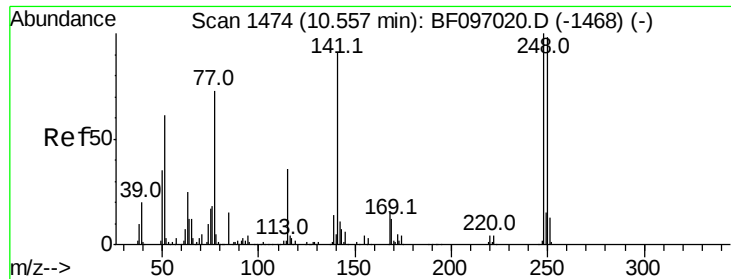
Tot Ion:165 Resp: 25043
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.95 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BF097315.D
 Acq: 3 Aug 2017 12:26

Tgt Ion:188 Resp: 301927
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 10.9 10.2 15.2

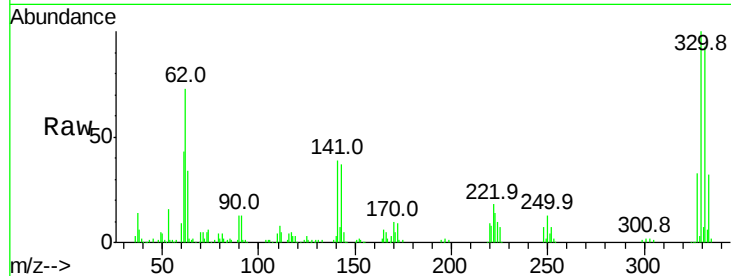




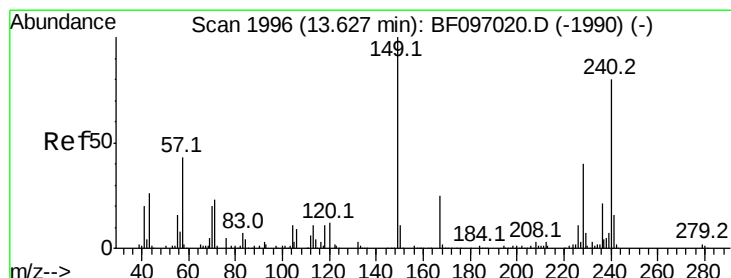
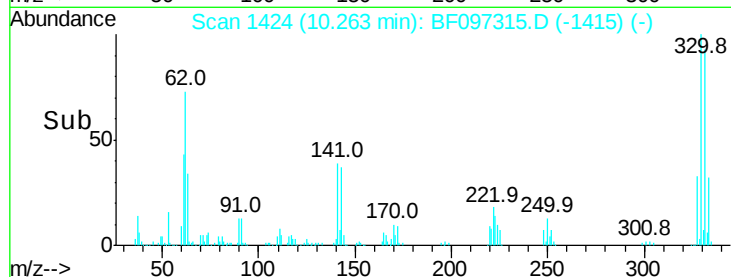
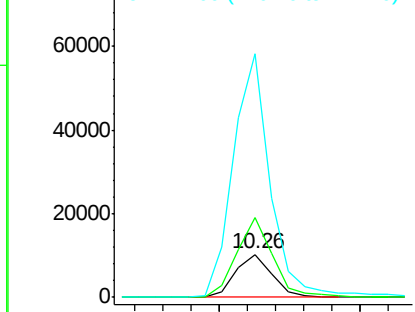
#66
4-Bromophenyl-phenylether
Concen: 3.050 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.25 min
Lab File: BF097315.D
Acq: 3 Aug 2017 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9190
Ion Ratio Lower Upper
248 100
250 185.3 76.8 115.2#
141 568.8 68.6 103.0#

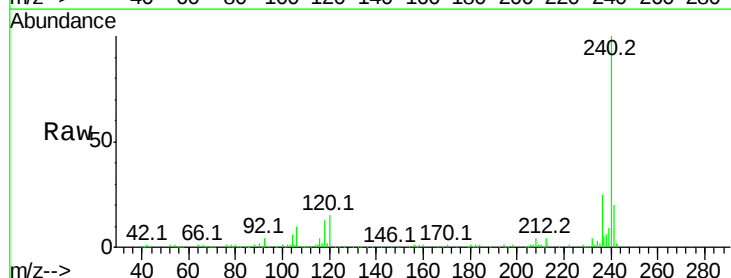


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

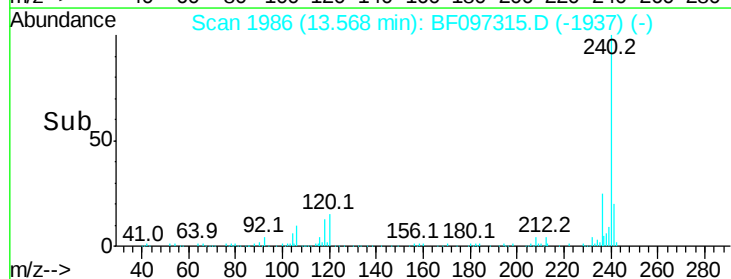
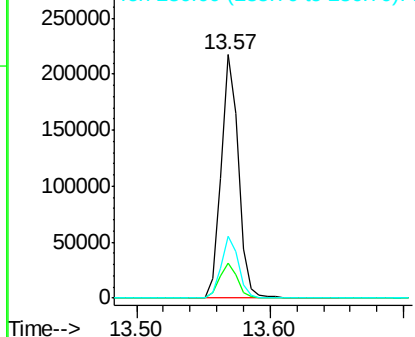


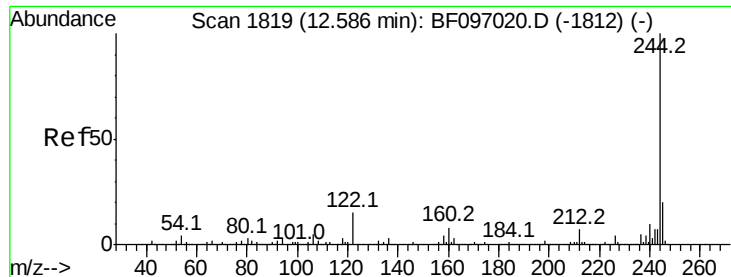
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF097315.D
Acq: 3 Aug 2017 12:26

Tgt Ion:240 Resp: 200338
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 25.5 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: 47.429 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097315.D

Acq: 3 Aug 2017 12:26

Instrument :

BNA_F

ClientSampleId :

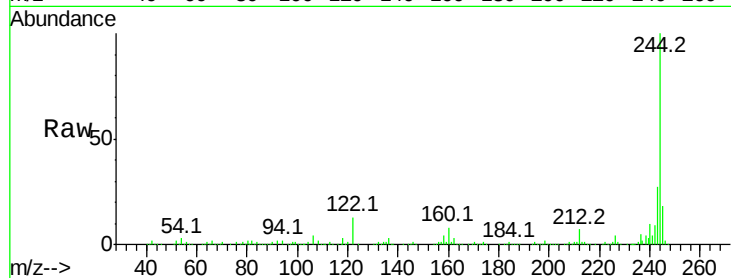
Tot Ion:244 Resp: 466037

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 13.0 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

12.53

400000

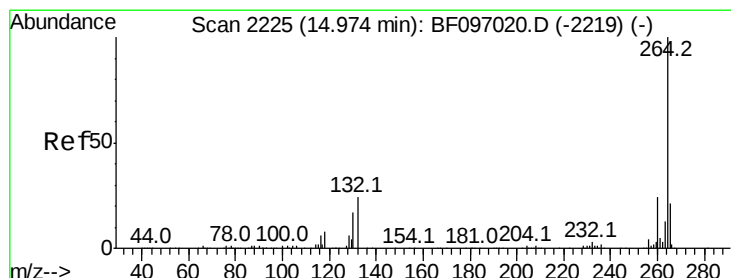
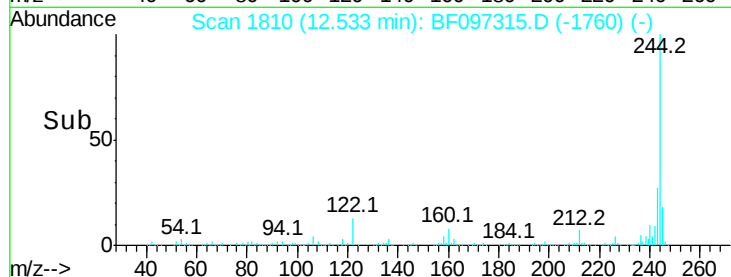
300000

200000

100000

0

Time--> 12.45 12.50 12.55 12.60



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.92 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BF097315.D

Acq: 3 Aug 2017 12:26

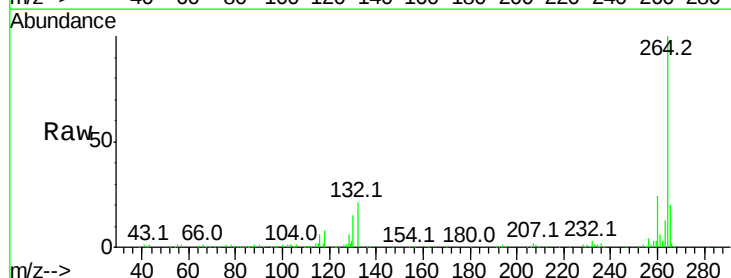
Tgt Ion:264 Resp: 157025

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 20.1 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

14.92

150000

100000

50000

0

Time--> 14.90 15.00

