

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
 Data File : BF097513.D
 Acq On : 9 Aug 2017 12:42
 Operator : SJ/JU
 Sample : I4646-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESW

Quant Time: Aug 09 15:57:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

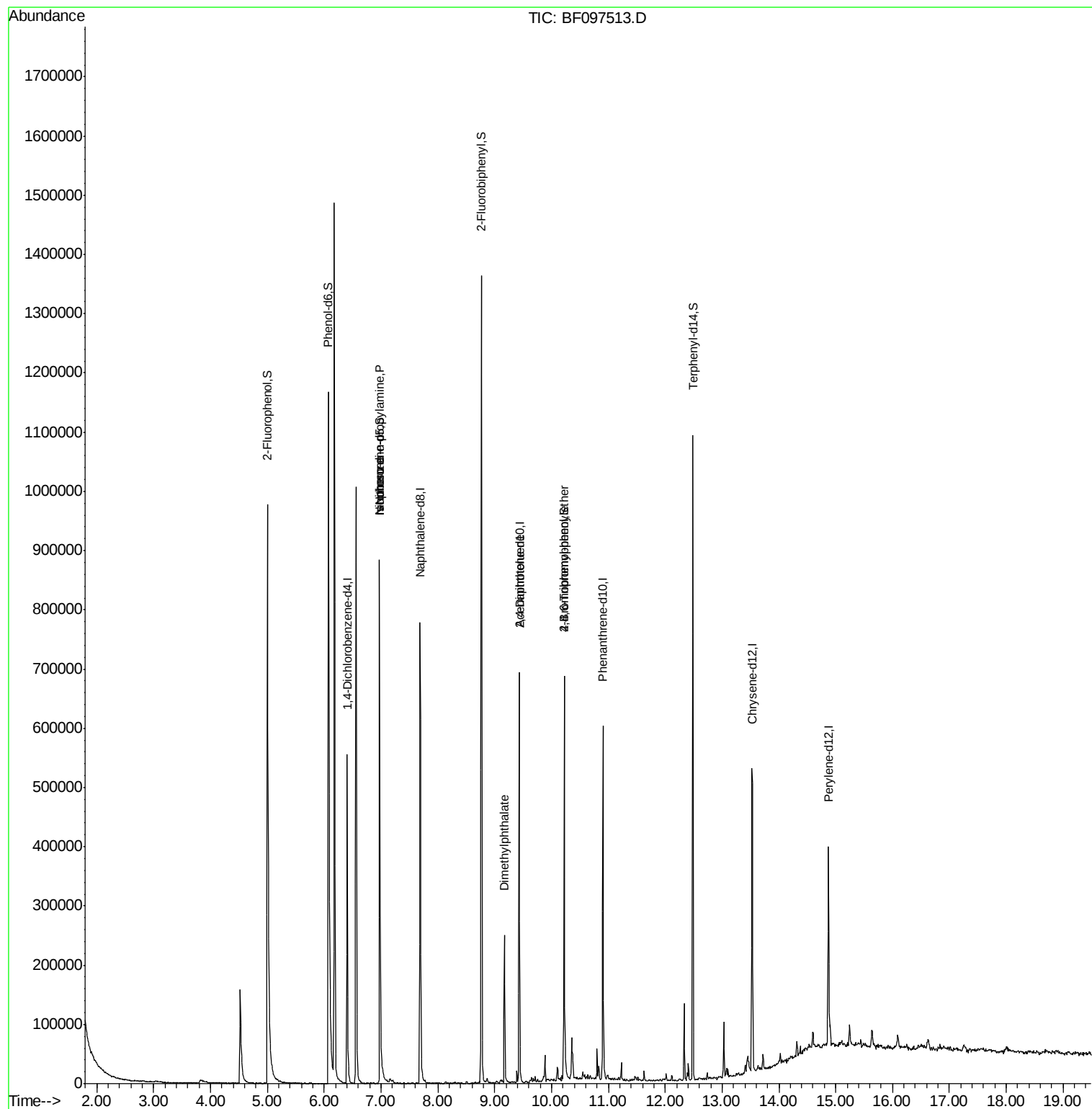
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	84876	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	364640	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	136587	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	211046	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	181886	20.00	ng	0.00
86) Perylene-d12	14.87	264	132839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	435666	77.38	ng	0.00
7) Phenol-d6	6.07	99	503637	78.35	ng	-0.01
23) Nitrobenzene-d5	6.97	82	309203	49.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	73346	67.97	ng	-0.01
44) 2-Fluorobiphenyl	8.76	172	436398	54.22	ng	-0.01
78) Terphenyl-d14	12.49	244	299089	33.53	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.97	70	41644	9.843	ng	# 88
25) Isophorone	6.97	82	309200	25.401	ng	# 67
49) Dimethylphthalate	9.17	163	99052	9.550	ng	99
56) 2,4-Dinitrotoluene	9.43	165	17068	6.749	ng	# 31
66) 4-Bromophenyl-phenylether	10.22	248	4616	2.192	ng	# 1

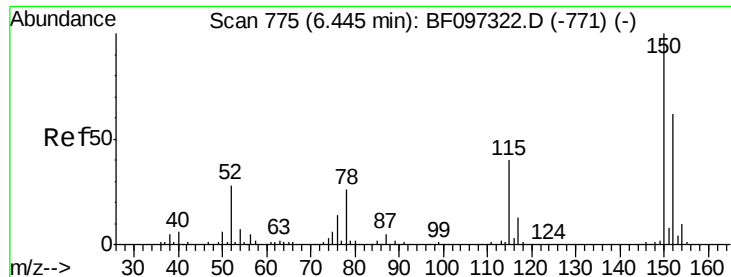
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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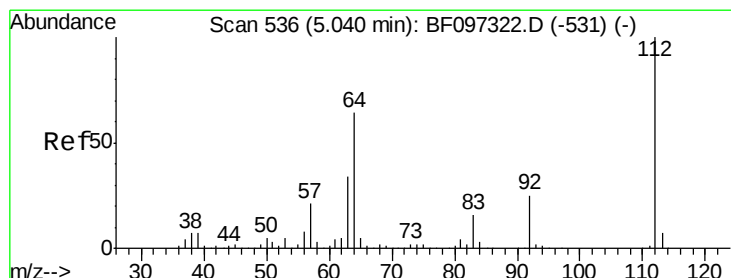
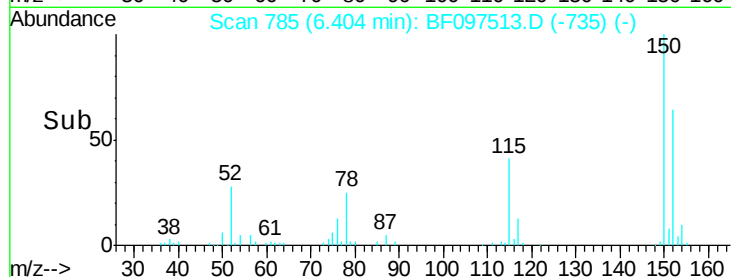
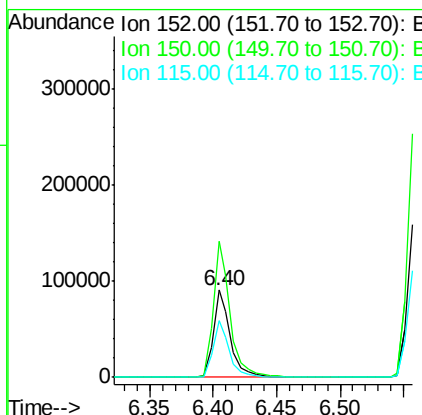
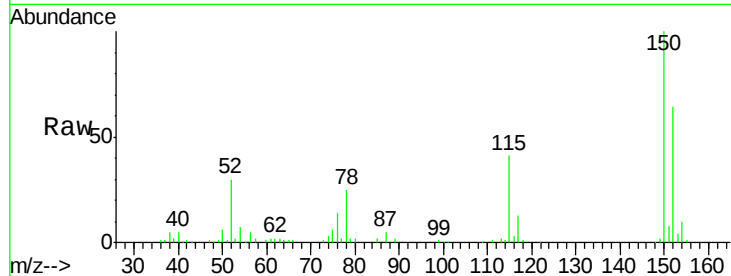


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097513.D
Acq: 9 Aug 2017 12:42

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESW

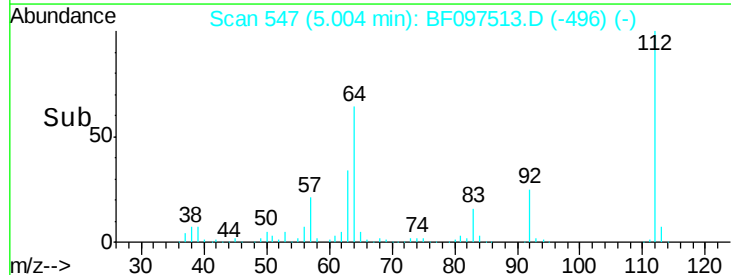
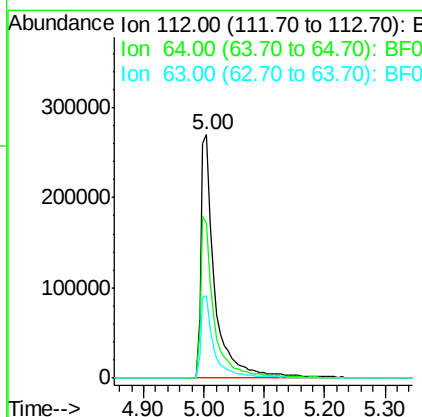
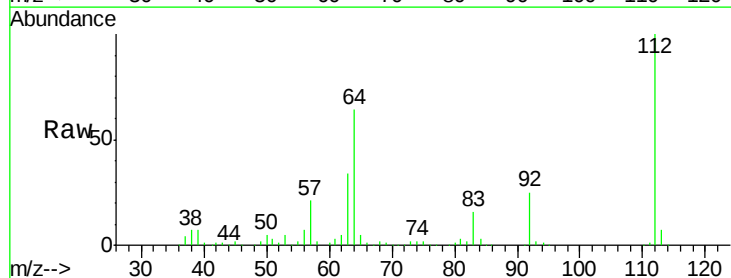
Tgt Ion:152 Resp: 84876
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 65.0 52.2 78.2

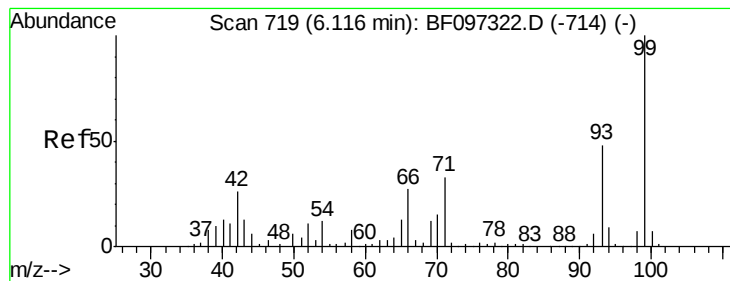


#5

2-Fluorophenol
Concen: 77.379 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097513.D
Acq: 9 Aug 2017 12:42

Tgt Ion:112 Resp: 435666
Ion Ratio Lower Upper
112 100
64 64.0 46.0 69.0
63 33.9 23.4 35.0





#7

Phenol-d6

Concen: 78.355 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097513.D

Acq: 9 Aug 2017 12:42

Instrument :

BNA_F

ClientSampleId :

E2-L10-ESW

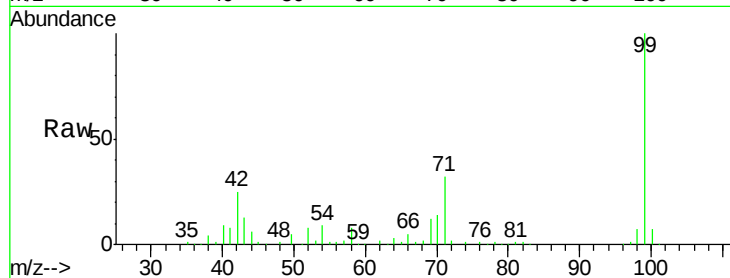
Tgt Ion: 99 Resp: 503637

Ion Ratio Lower Upper

99 100

42 24.8 13.5 20.3#

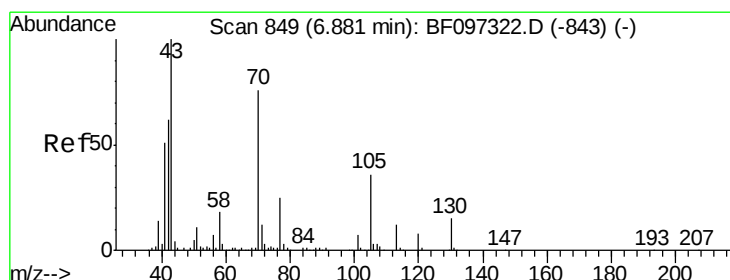
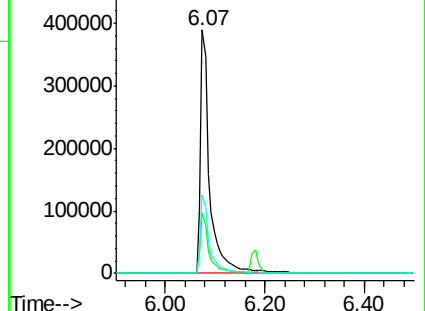
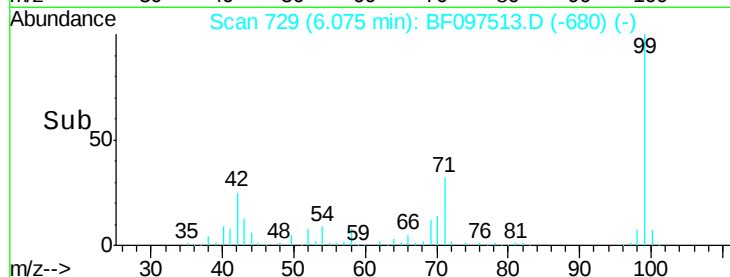
71 32.3 24.5 36.7



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: 9.843 ng

RT: 6.97 min Scan# 882

Delta R.T. 0.12 min

Lab File: BF097513.D

Acq: 9 Aug 2017 12:42

Tgt Ion: 70 Resp: 41644

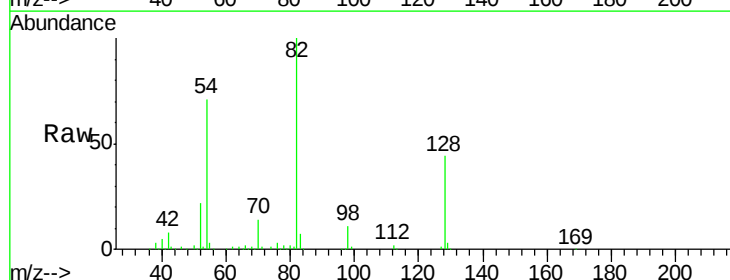
Ion Ratio Lower Upper

70 100

42 57.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

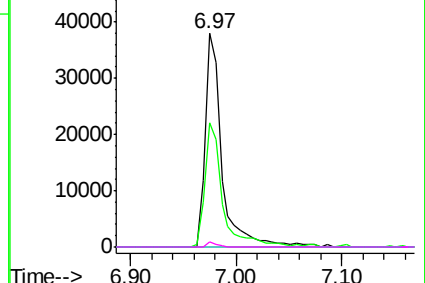
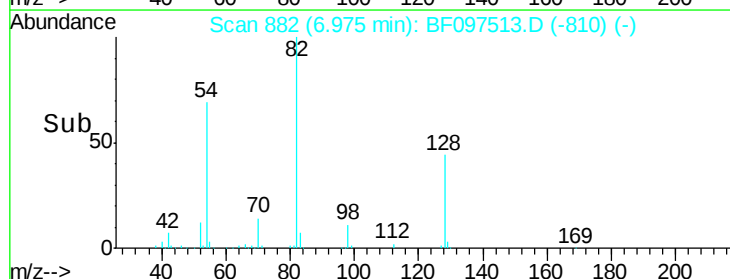


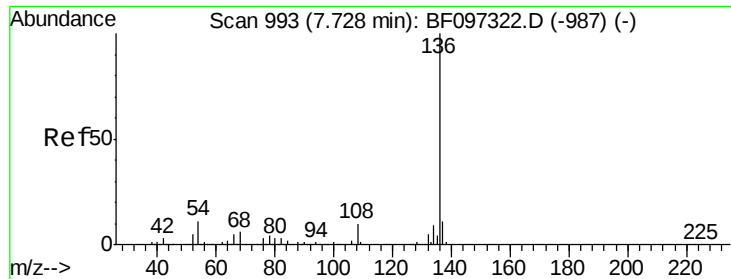
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

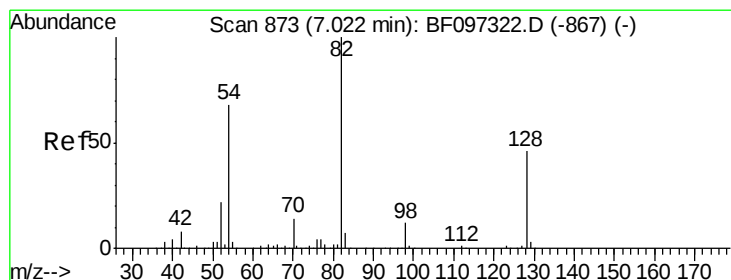
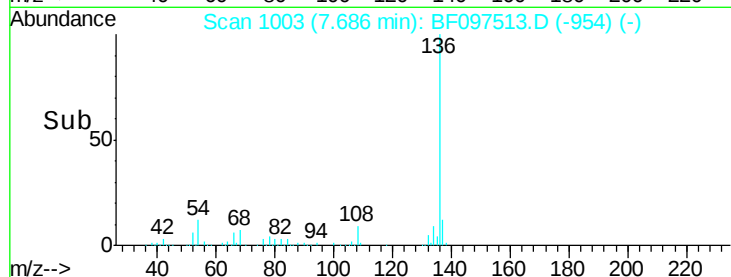
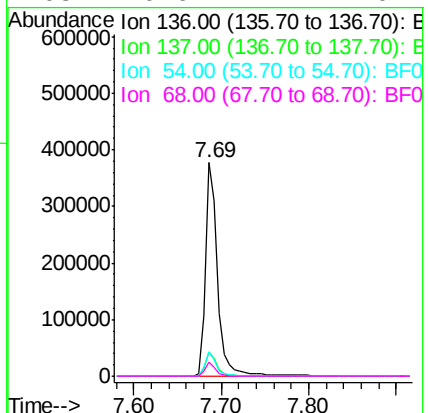
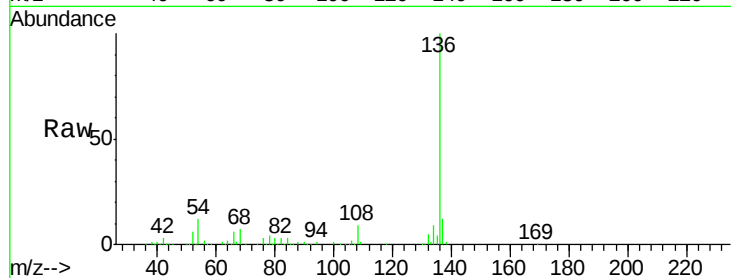




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097513.D
Acq: 9 Aug 2017 12:42

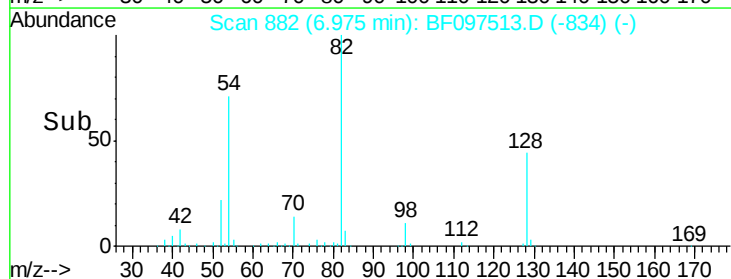
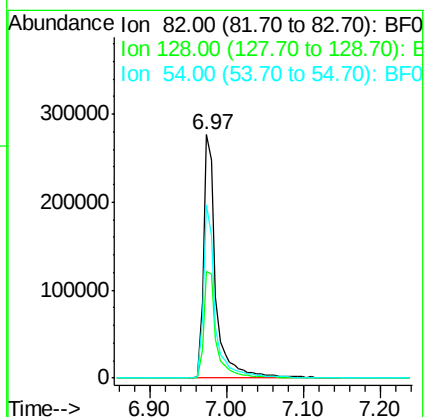
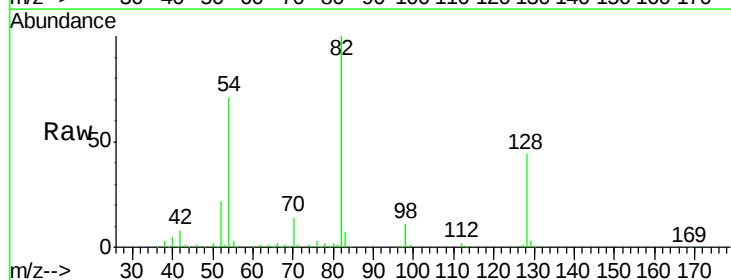
Instrument :
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E2-L10-ESW

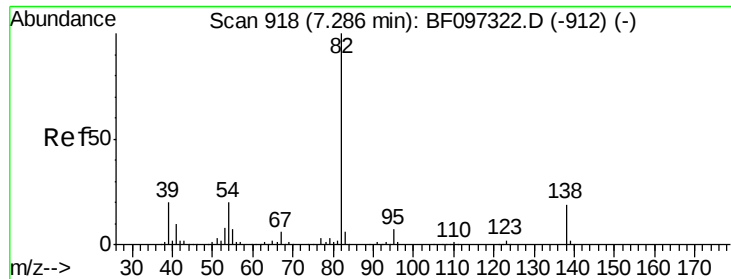
Tgt Ion:136	Resp:	364640
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.5 12.7
54	11.6	4.9 7.3#
68	6.6	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 49.745 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097513.D
Acq: 9 Aug 2017 12:42

Tgt Ion: 82	Resp:	309203
Ion Ratio	Lower	Upper
82	100	
128	43.8	34.0 51.0
54	71.3	42.2 63.2#

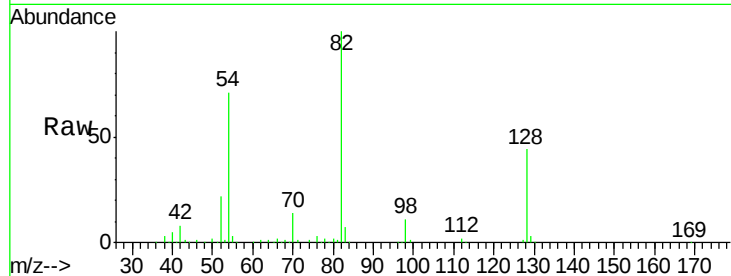




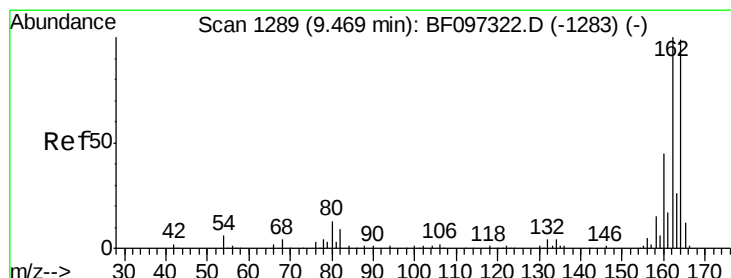
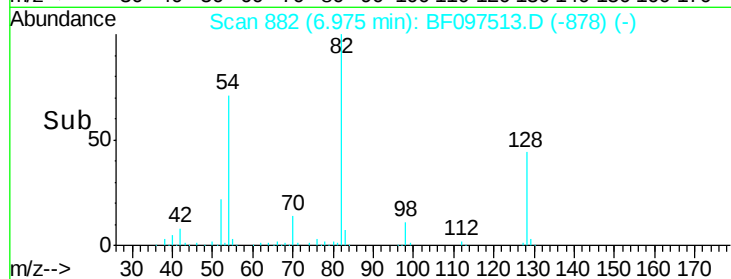
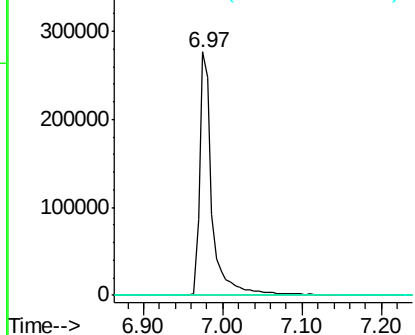
#25
Isophorone
Concen: 25.401 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.28 min
Lab File: BF097513.D
Acq: 9 Aug 2017 12:42

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESW

Tgt Ion: 82 Resp: 309200
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

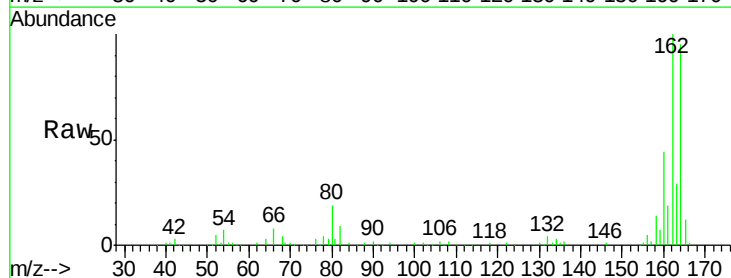


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E

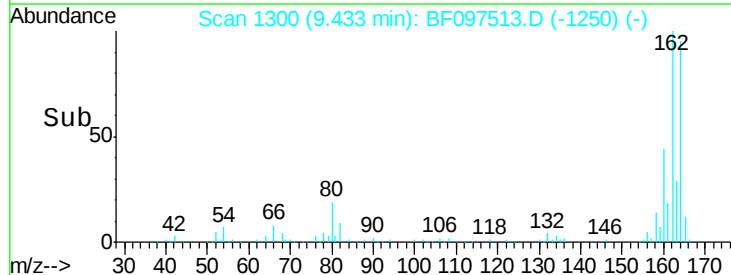
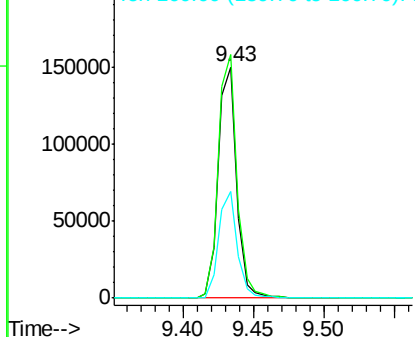


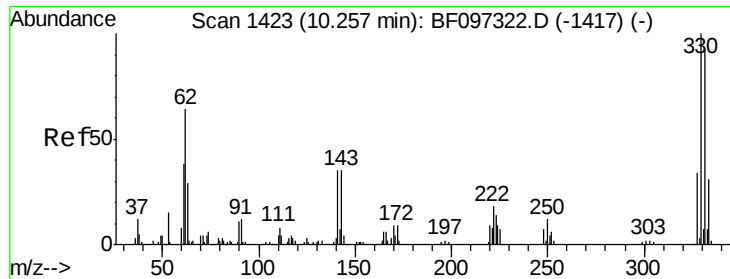
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097513.D
Acq: 9 Aug 2017 12:42

Tgt Ion: 164 Resp: 136587
Ion Ratio Lower Upper
164 100
162 105.3 82.6 123.8
160 46.3 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

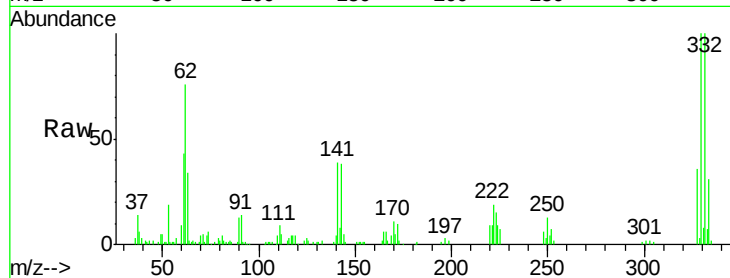




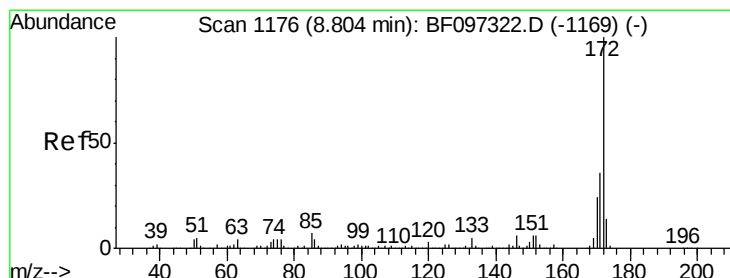
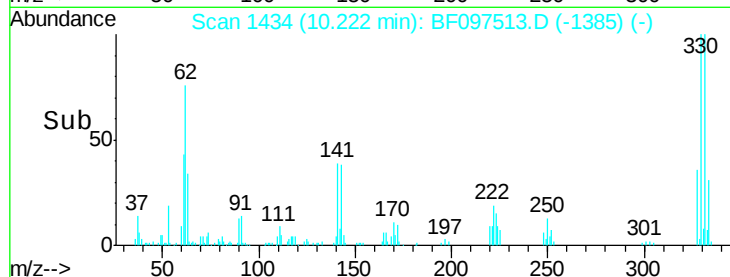
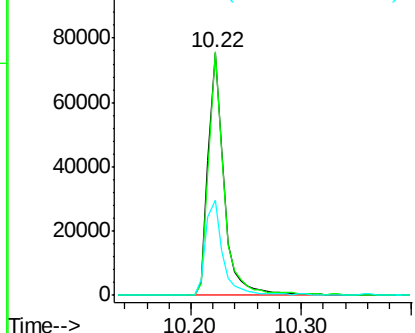
#41
 2,4,6-Tribromophenol
 Concen: 67.965 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097513.D
 Acq: 9 Aug 2017 12:42

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 E2-L10-ESW

Tgt Ion: 330 Resp: 73346
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 42.2 31.4 47.2

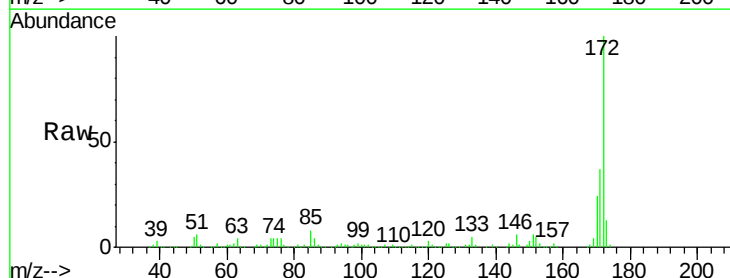


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

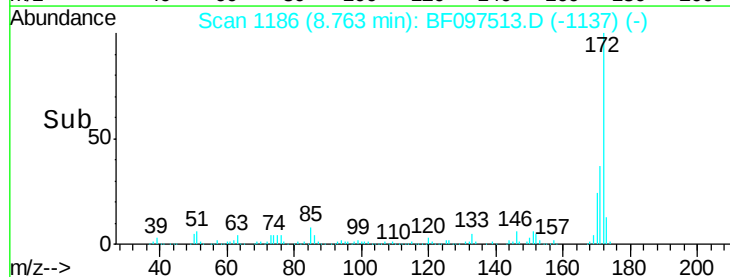
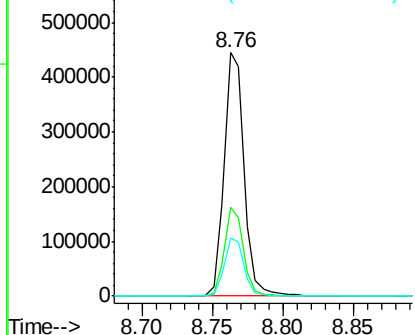


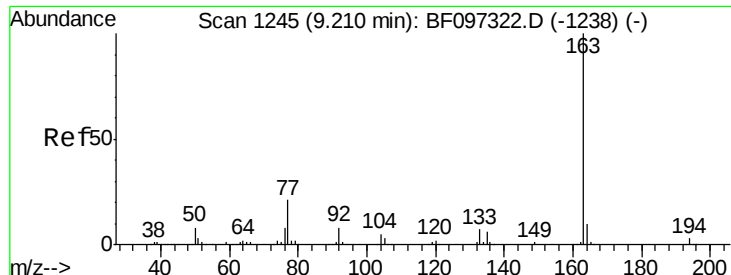
#44
 2-Fluorobiphenyl
 Concen: 54.223 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097513.D
 Acq: 9 Aug 2017 12:42

Tgt Ion: 172 Resp: 436398
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.6 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

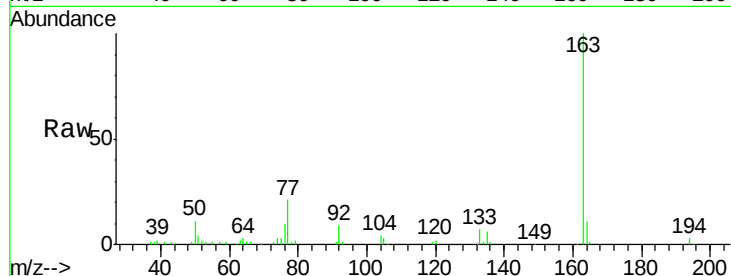




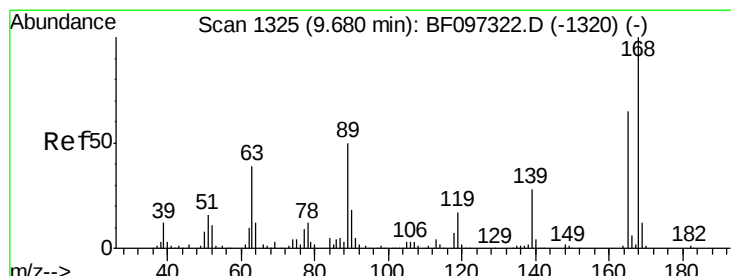
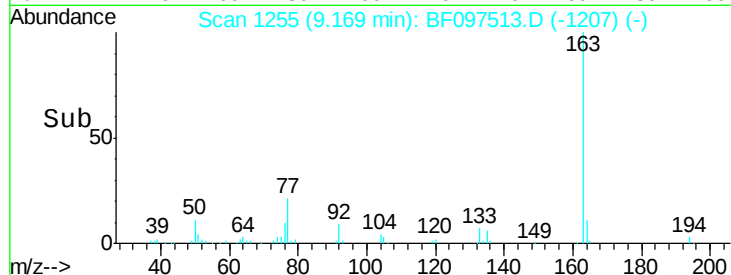
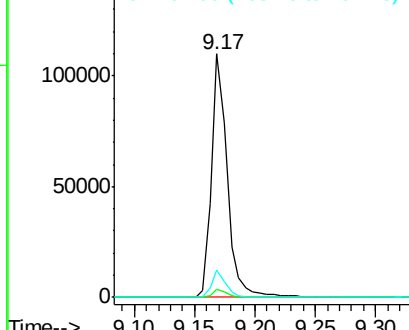
#49
Dimethylphthalate
Concen: 9.550 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097513.D
Acq: 9 Aug 2017 12:42

Instrument :
BNA_F
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E2-L10-ESW

Tgt Ion:163 Resp: 99052
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 11.0 8.4 12.6

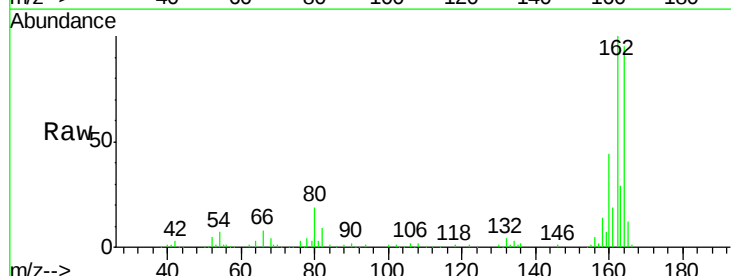


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

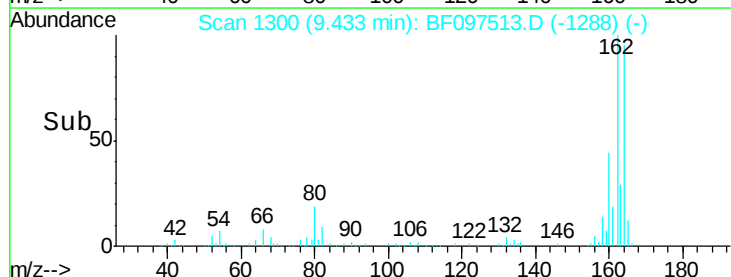
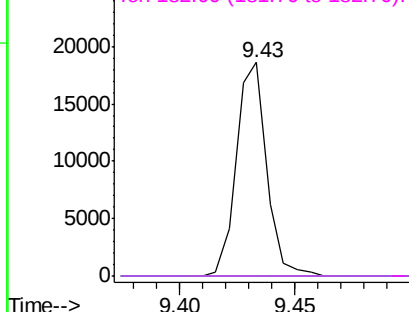


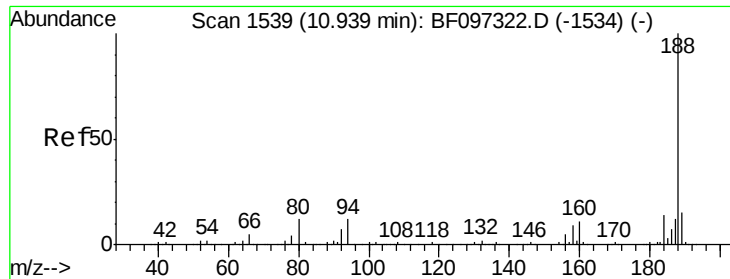
#56
2,4-Dinitrotoluene
Concen: 6.749 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.23 min
Lab File: BF097513.D
Acq: 9 Aug 2017 12:42

Tgt Ion:165 Resp: 17068
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 0.0 46.4 69.6#
182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

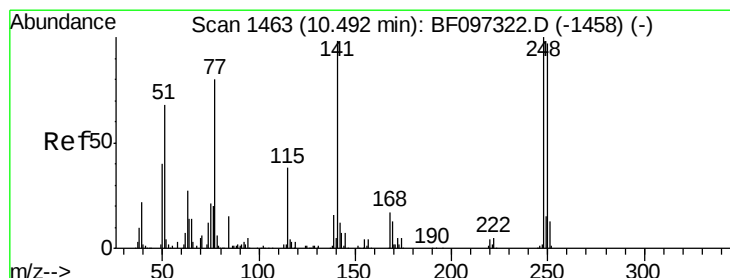
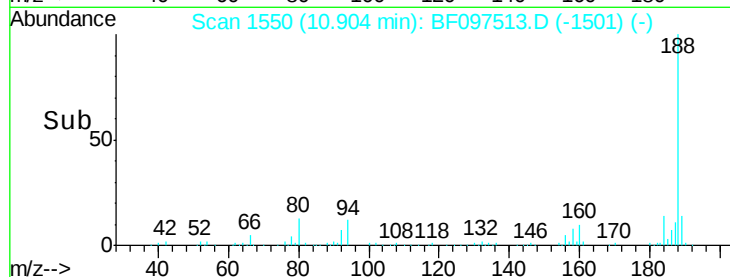
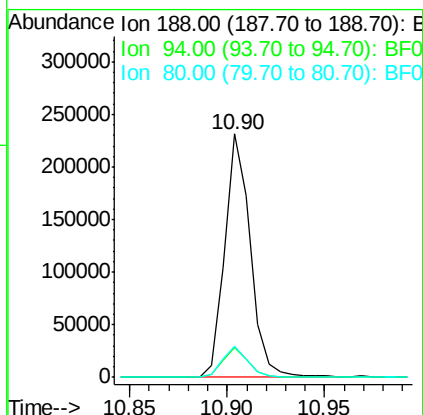
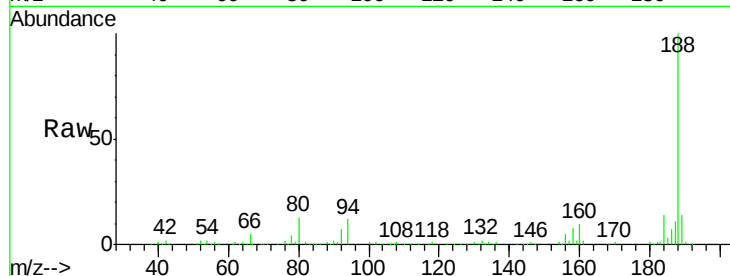




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097513.D
Acq: 9 Aug 2017 12:42

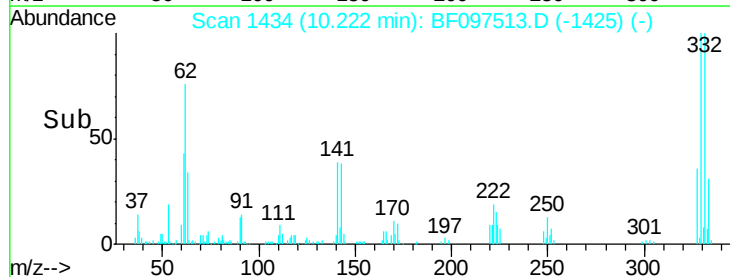
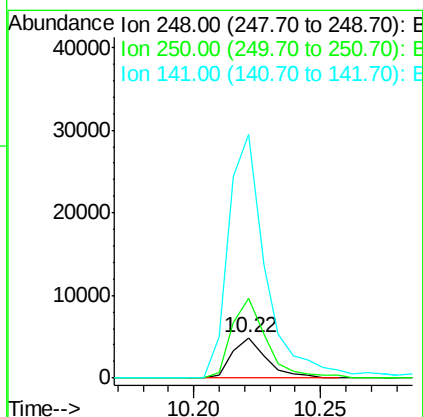
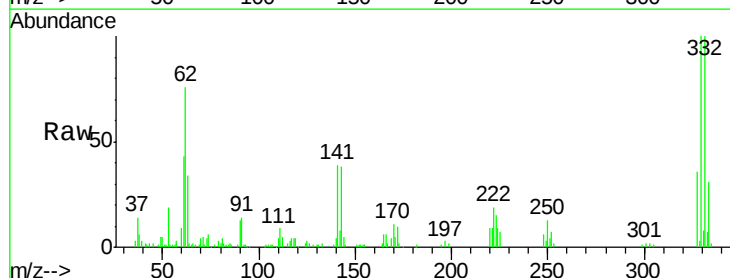
Instrument :
BNA_F
ClientSampleId :
E2-L10-ESW

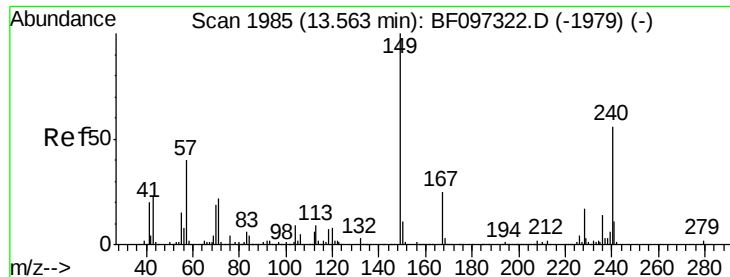
Tgt Ion:188 Resp: 211046
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.0 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 2.192 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF097513.D
Acq: 9 Aug 2017 12:42

Tgt Ion:248 Resp: 4616
Ion Ratio Lower Upper
248 100
250 198.0 76.8 115.2#
141 601.1 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097513.D

Acq: 9 Aug 2017 12:42

Instrument :

BNA_F

ClientSampleId :

E2-L10-ESW

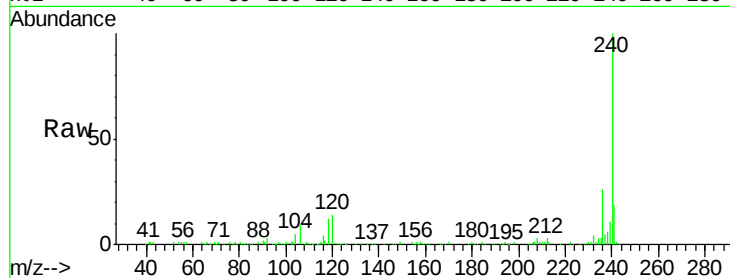
Tgt Ion:240 Resp: 181886

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

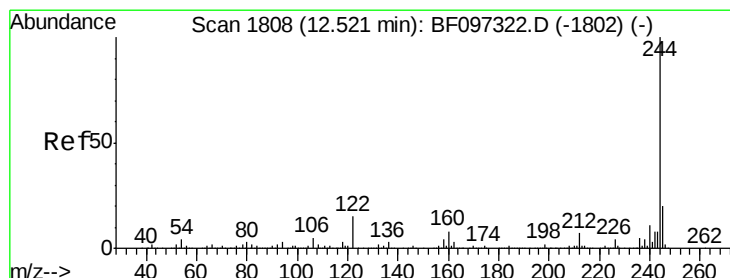
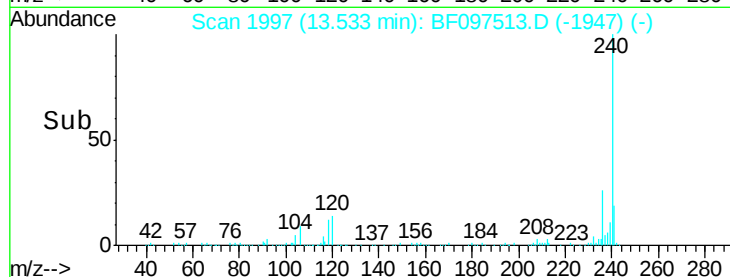
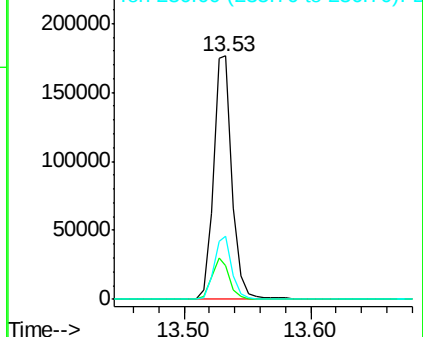
236 26.0 20.5 30.7



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: 33.526 ng

RT: 12.49 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF097513.D

Acq: 9 Aug 2017 12:42

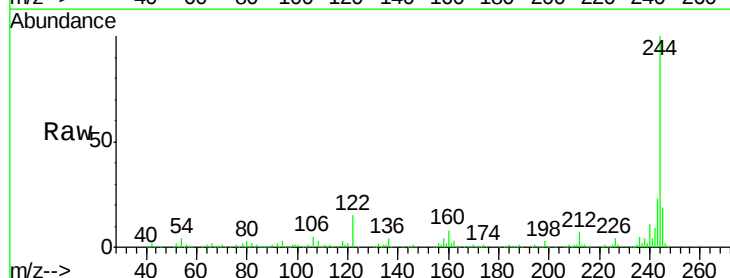
Tgt Ion:244 Resp: 299089

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

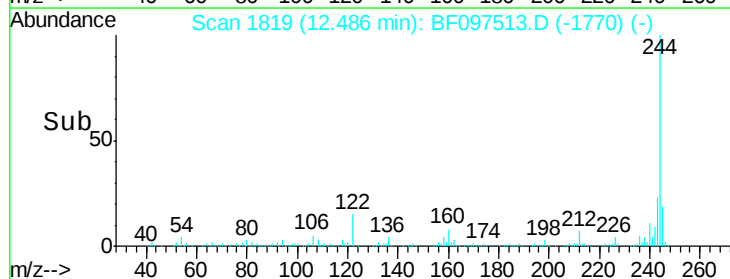
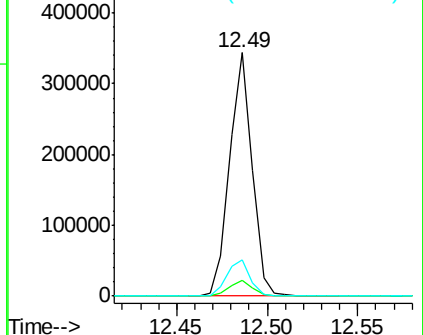
122 15.1 10.3 15.5

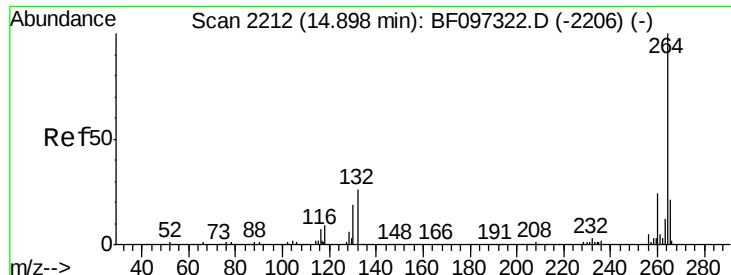


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097513.D
Acq: 9 Aug 2017 12:42

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.3	17.2	25.8

