

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097459.D
 Acq On : 8 Aug 2017 6:00
 Operator : SJ/JU
 Sample : I4627-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33

Quant Time: Aug 08 07:55:00 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

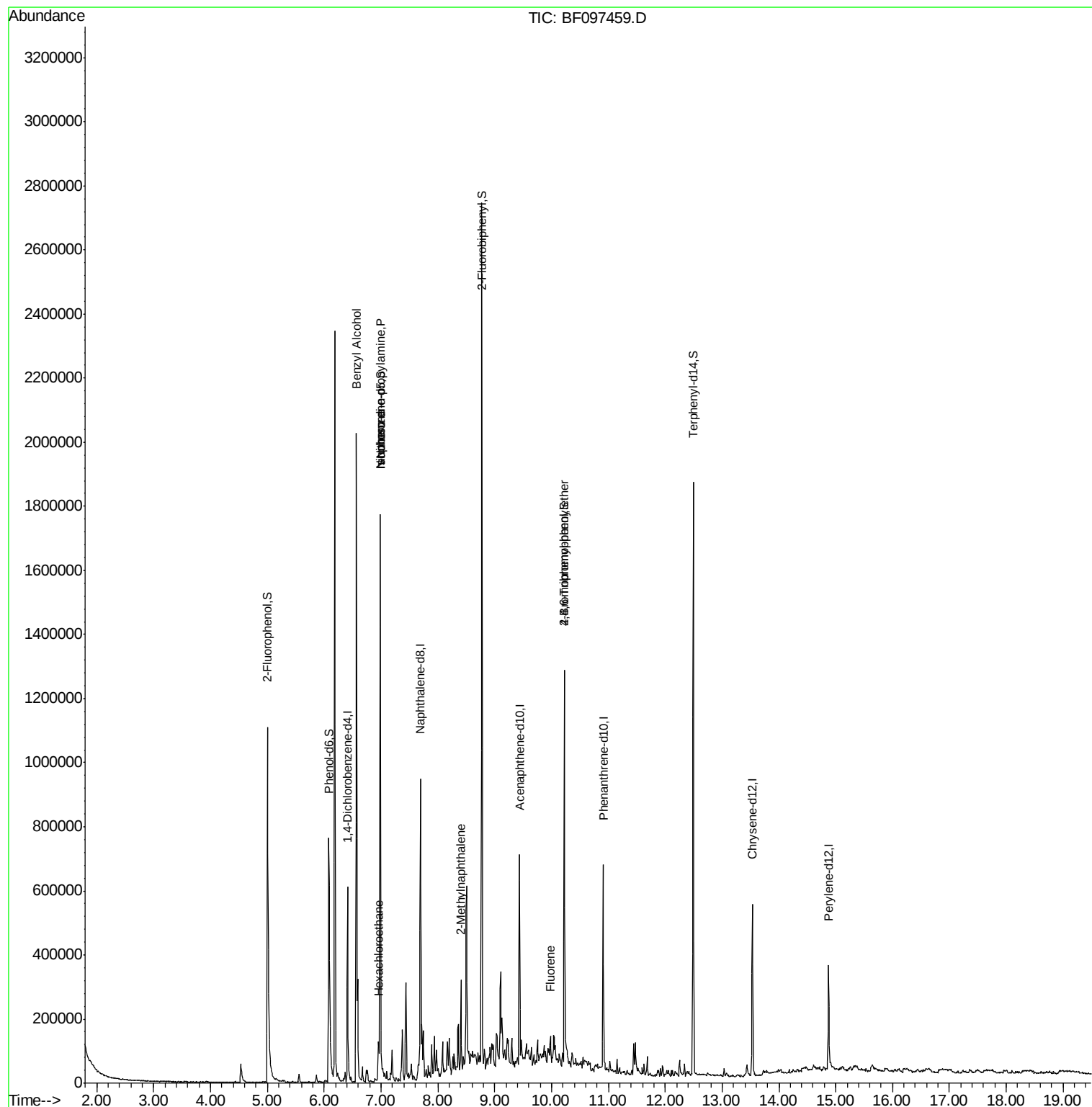
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	89004	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	354701	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	127059	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	203650	20.00	ng	0.00
75) Chrysene-d12	13.53	240	172849	20.00	ng	0.00
86) Perylene-d12	14.87	264	122643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	441677	74.81	ng	0.00
7) Phenol-d6	6.08	99	356801	52.94	ng	0.00
23) Nitrobenzene-d5	6.99	82	517863	85.65	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	138997	138.46	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	845973	112.99	ng	0.00
78) Terphenyl-d14	12.49	244	626056	73.85	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.56	79	9330	2.19	ng	# 40
18) Hexachloroethane	6.95	117	19059	7.73	ng	# 30
19) n-Nitroso-di-n-propylamine	6.99	70	65983	14.87	ng	# 86
25) Isophorone	6.99	82	517903	43.74	ng	# 67
37) 2-Methylnaphthalene	8.40	142	76842	7.26	ng	# 98
57) Fluorene	9.98	166	15337	2.12	ng	# 96
66) 4-Bromophenyl-phenylether	10.23	248	9056	4.46	ng	# 1

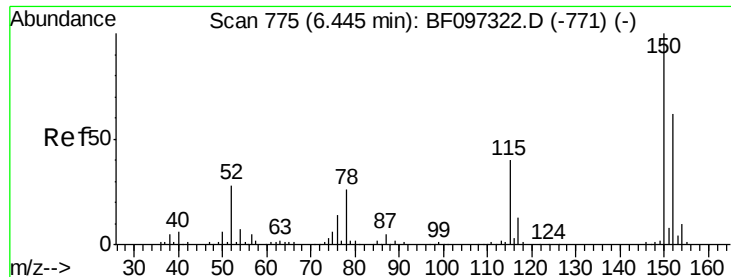
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.41 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

Instrument :

BNA_F

ClientSampleId :

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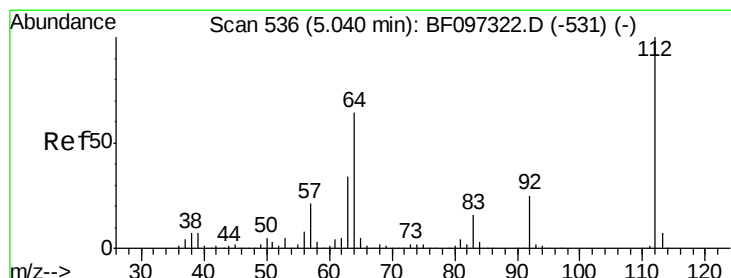
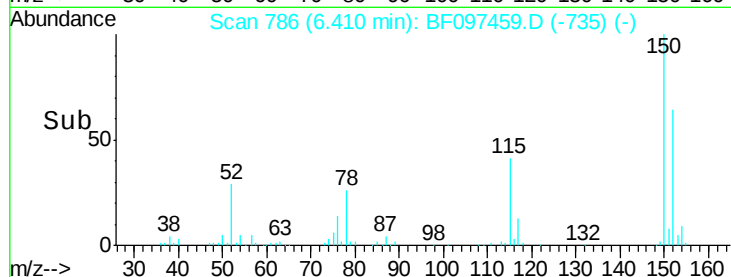
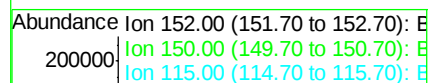
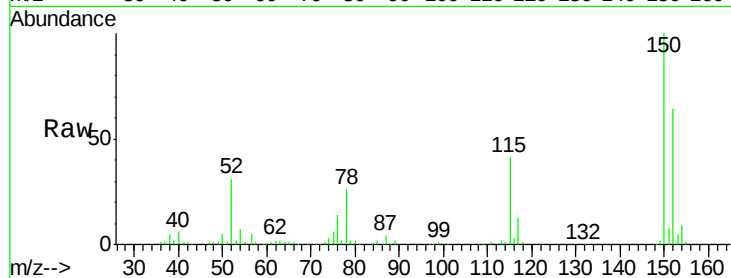
Tot Ion:152 Resp: 89004

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

115 63.9 52.2 78.2



#5

2-Fluorophenol

Concen: 74.81 ng

RT: 5.00 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

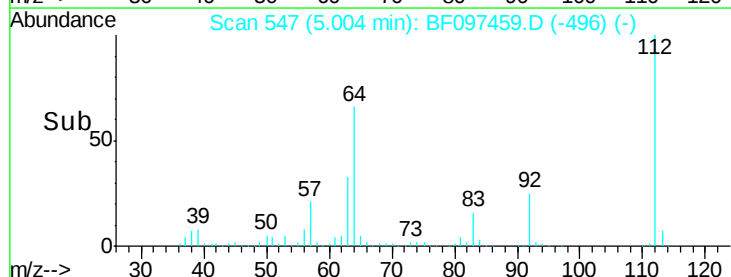
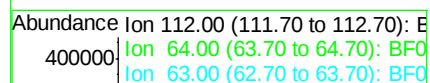
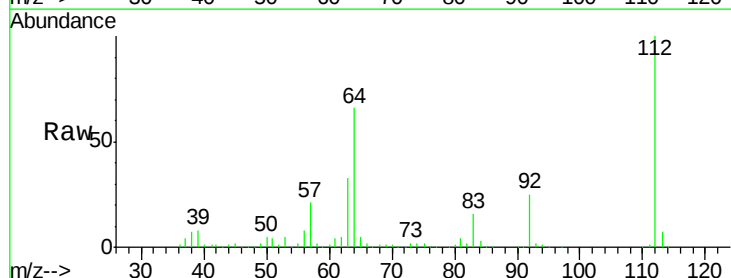
Tgt Ion:112 Resp: 441677

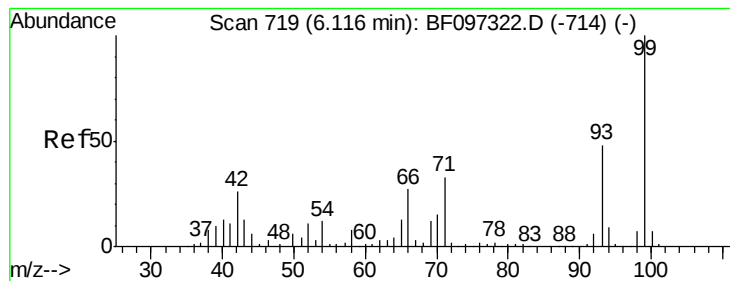
Ion Ratio Lower Upper

112 100

64 66.5 46.0 69.0

63 32.9 23.4 35.0





#7

Phenol-d6

Concen: 52.94 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

Instrument :

BNA_F

ClientSampleId :

ERM-33

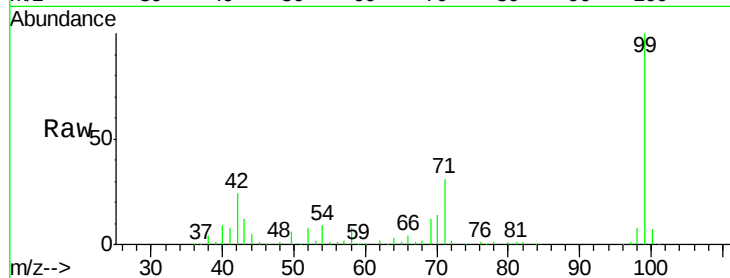
Tot Ion: 99 Resp: 356801

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

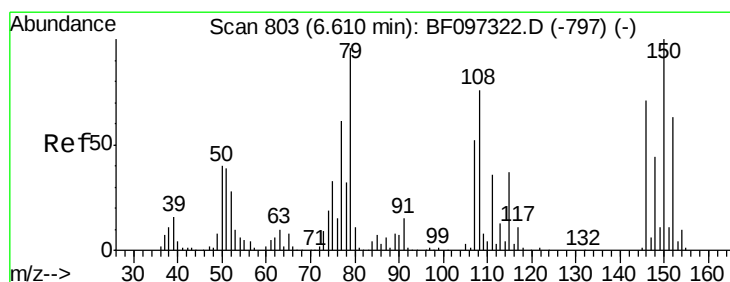
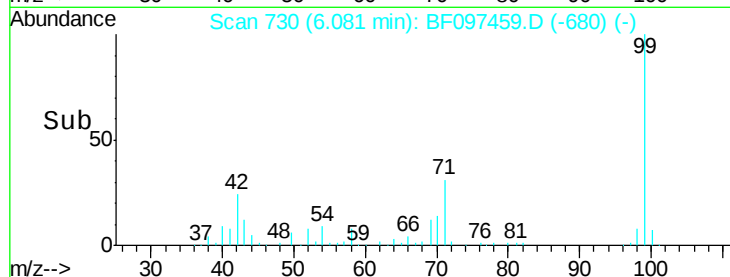
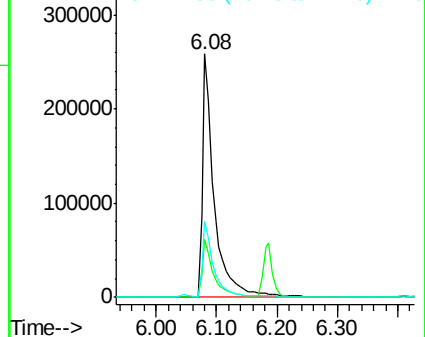
71 31.1 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.56 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

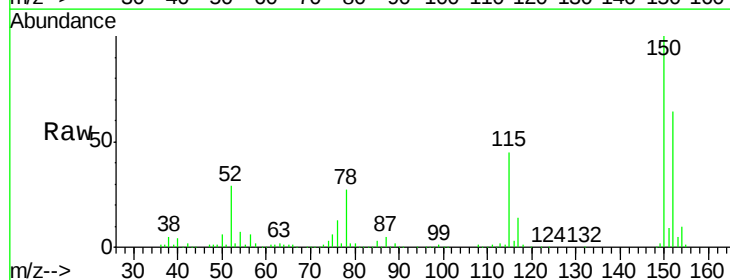
Tgt Ion: 79 Resp: 9330

Ion Ratio Lower Upper

79 100

108 28.3 63.4 95.0#

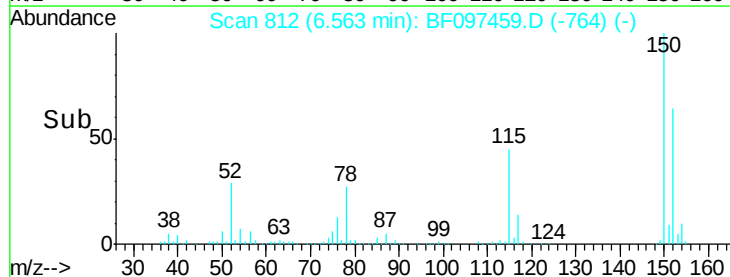
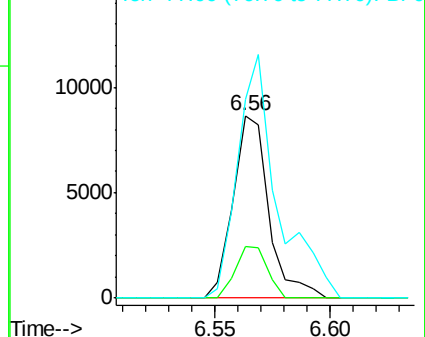
77 109.2 49.2 73.8#

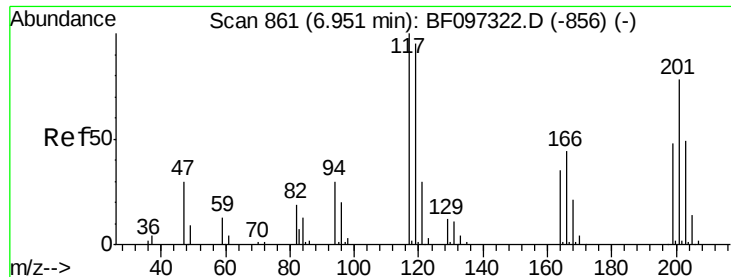


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

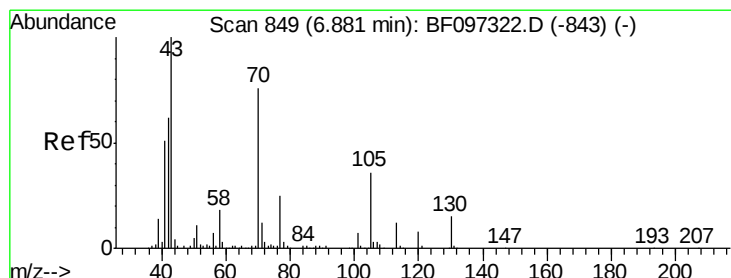
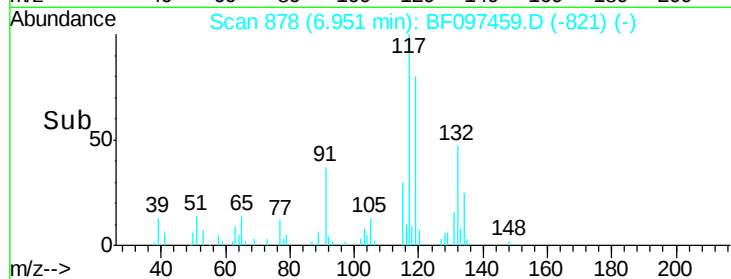
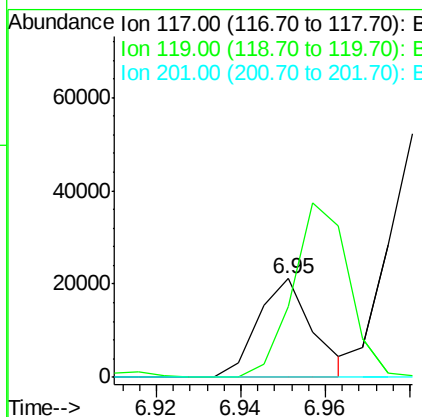
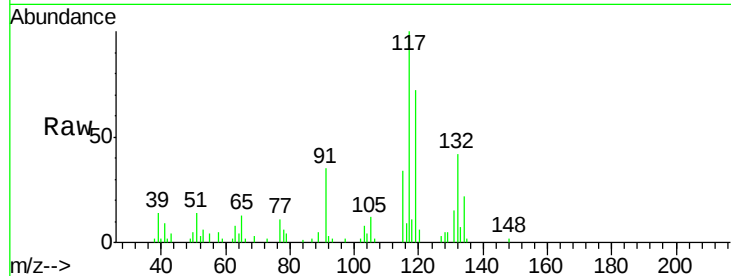




#18
Hexachloroethane
Concen: 7.73 ng
RT: 6.95 min Scan# 878
Delta R.T. 0.04 min
Lab File: BF097459.D
Acq: 8 Aug 2017 6:00

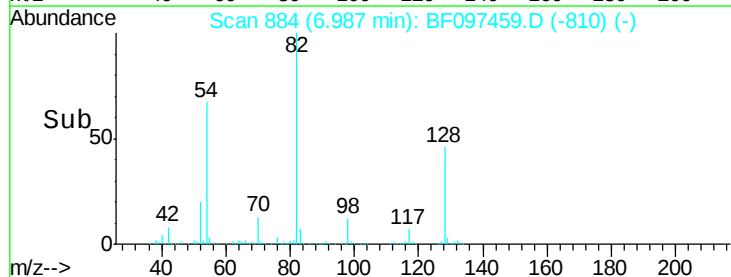
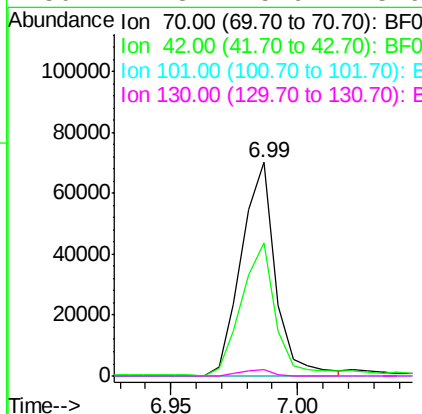
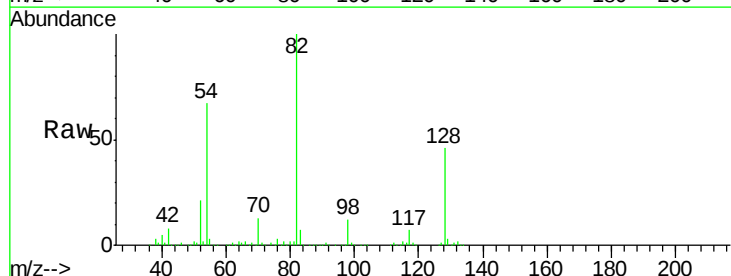
Instrument :
BNA_F
ClientSampleId :
ERM-33

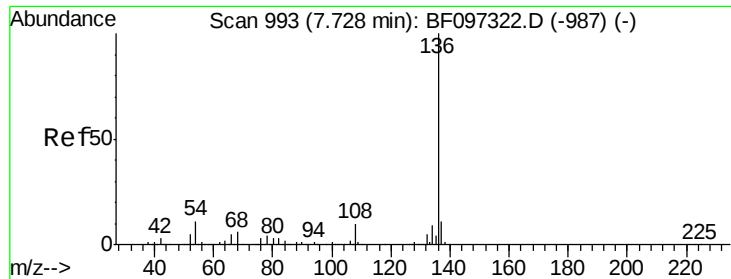
Tot Ion:117 Resp: 19059
Ion Ratio Lower Upper
117 100
119 72.4 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.87 ng
RT: 6.99 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF097459.D
Acq: 8 Aug 2017 6:00

Tgt Ion: 70 Resp: 65983
Ion Ratio Lower Upper
70 100
42 62.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.8 15.9 23.9#

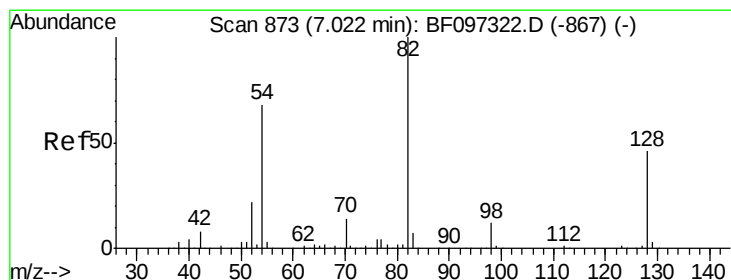
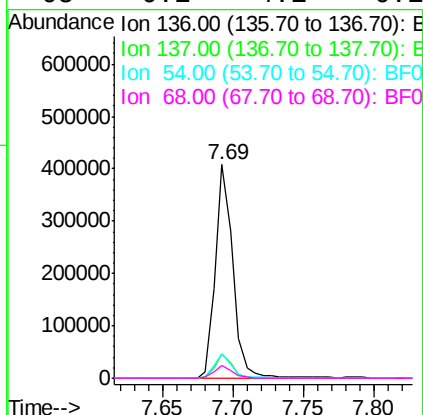
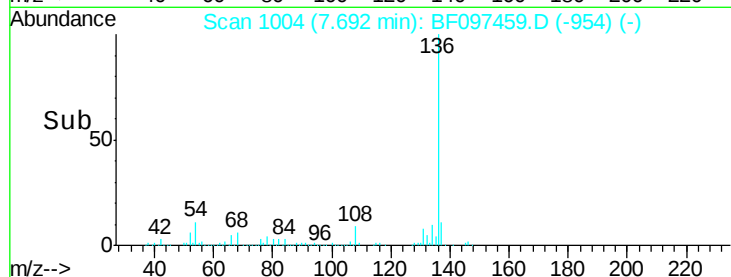
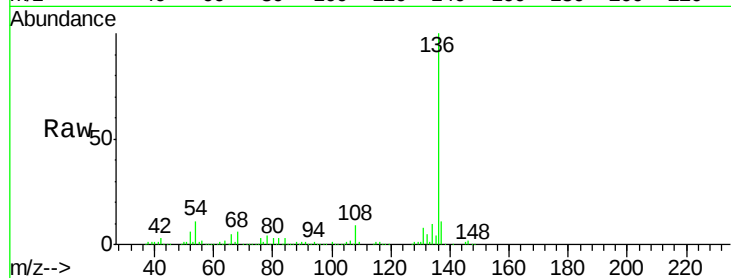




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097459.D
Acq: 8 Aug 2017 6:00

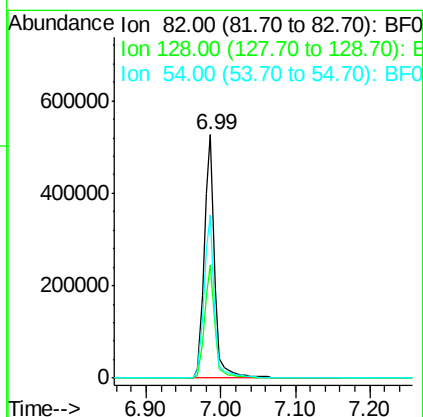
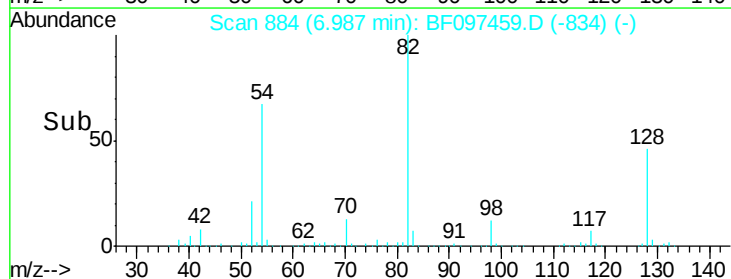
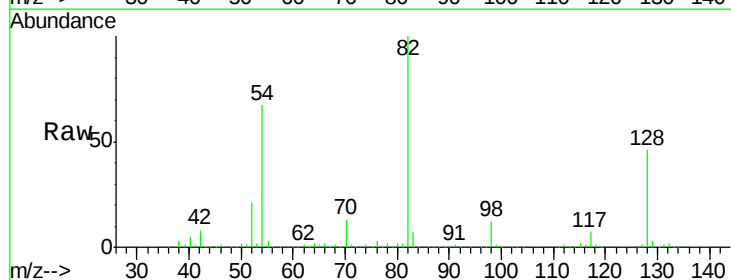
Instrument :
BNA_F
ClientSampleId :
ERM-33

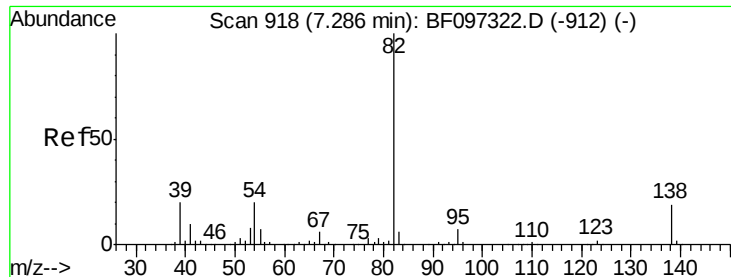
Tot Ion:136	Resp:	354701
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	11.4	4.9 7.3#
68	6.1	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 85.65 ng
RT: 6.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097459.D
Acq: 8 Aug 2017 6:00

Tgt Ion: 82	Resp:	517863
Ion Ratio	Lower	Upper
82	100	
128	46.3	34.0 51.0
54	67.0	42.2 63.2#





#25

Isophorone

Concen: 43.74 ng

RT: 6.99 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

Instrument :

BNA_F

ClientSampleId :

ERM-33

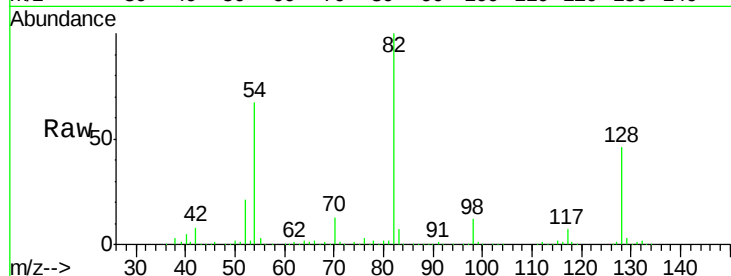
Tot Ion: 82 Resp: 517903

Ion Ratio Lower Upper

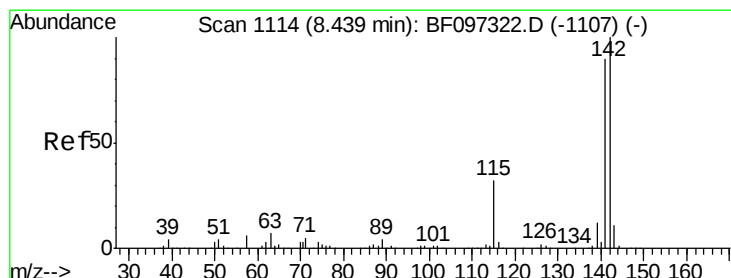
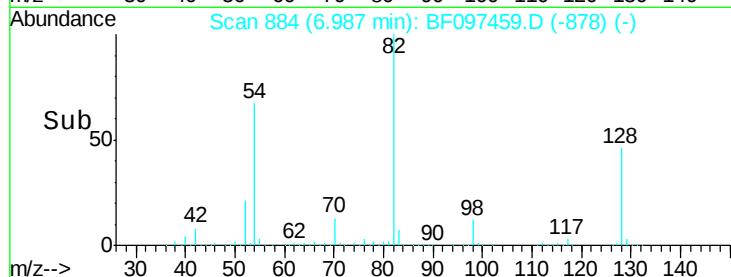
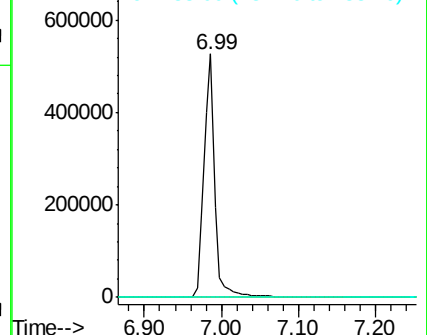
82 100

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



#37

2-Methylnaphthalene

Concen: 7.26 ng

RT: 8.40 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

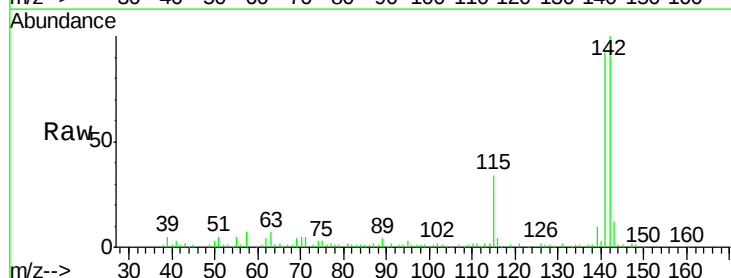
Tgt Ion: 142 Resp: 76842

Ion Ratio Lower Upper

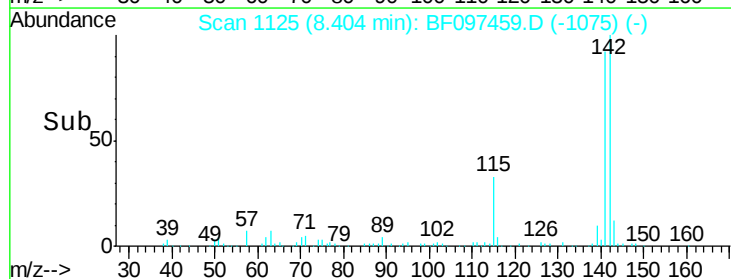
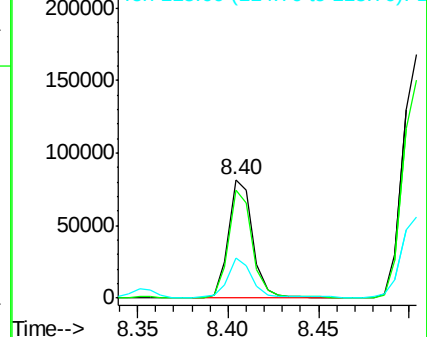
142 100

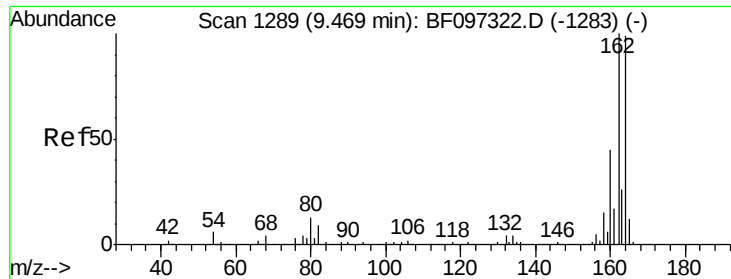
141 91.7 71.3 106.9

115 33.5 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

Instrument :

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ClientSampleId :

ERM-33

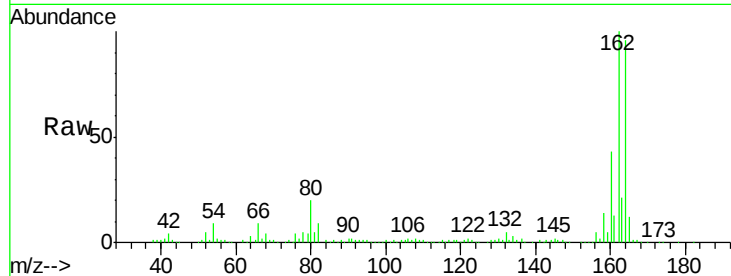
Tot Ion:164 Resp: 127059

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

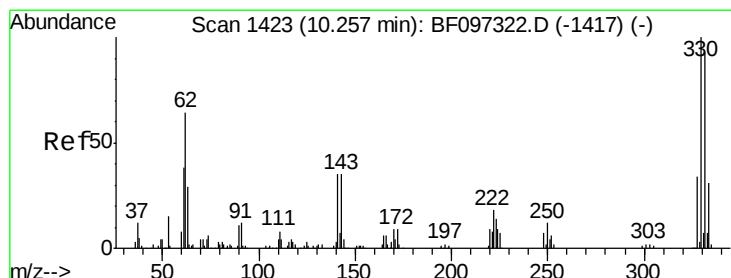
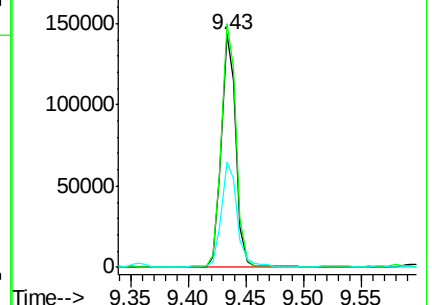
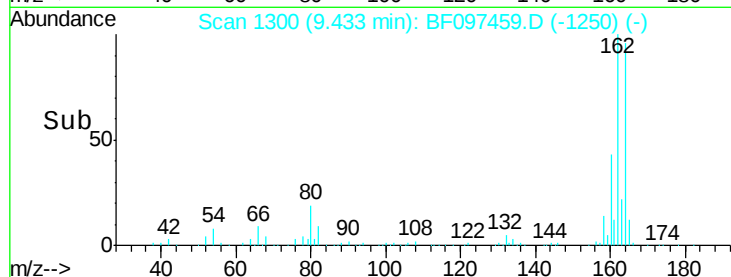
160 45.1 36.2 54.2



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: 138.46 ng

RT: 10.23 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

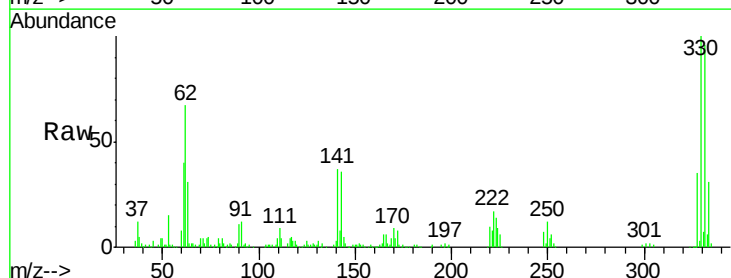
Tgt Ion:330 Resp: 138997

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

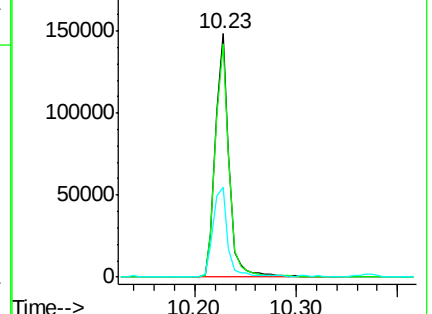
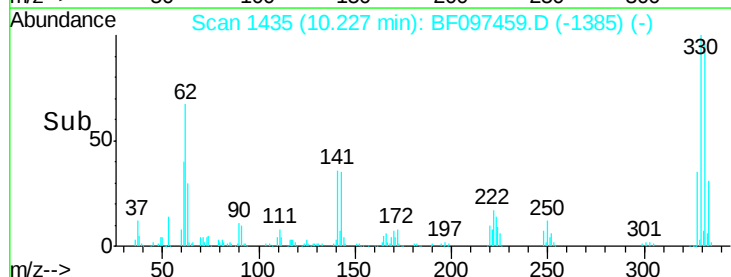
141 41.0 31.4 47.2

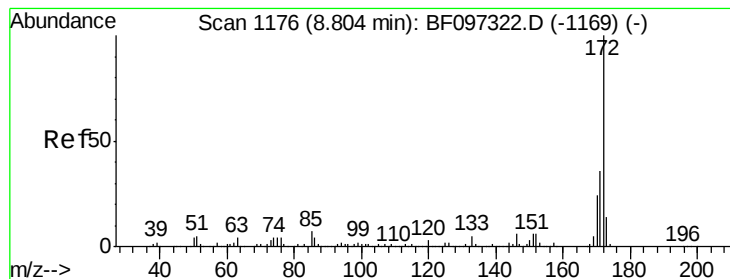


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 112.99 ng

RT: 8.77 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

Instrument :

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ERM-33

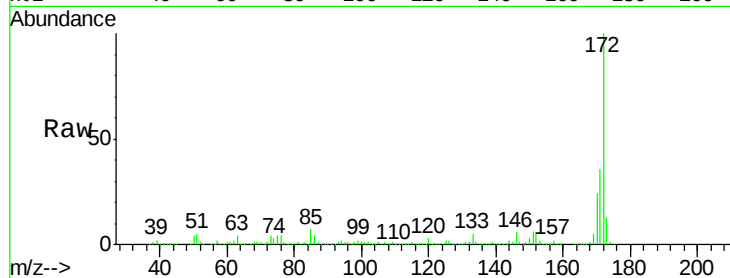
Tot Ion:172 Resp: 845973

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

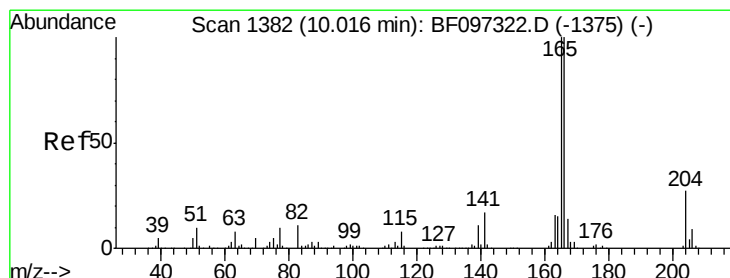
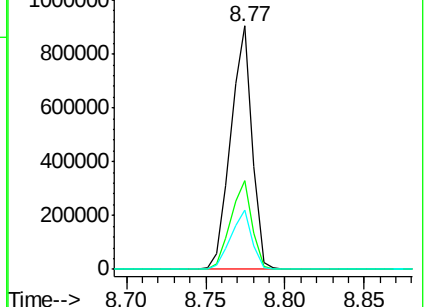
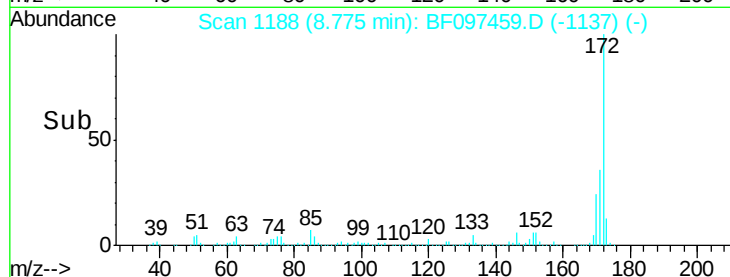
170 24.4 19.8 29.8



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



#57

Fluorene

Concen: 2.12 ng

RT: 9.98 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

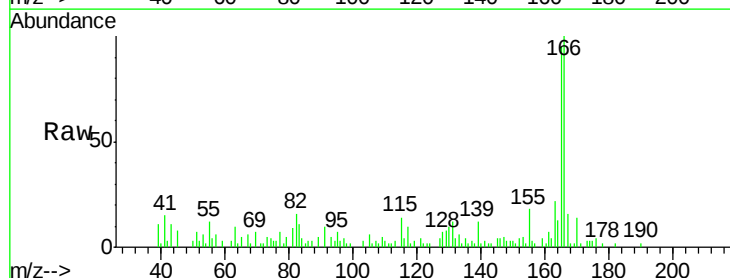
Tgt Ion:166 Resp: 15337

Ion Ratio Lower Upper

166 100

165 94.7 78.8 118.2

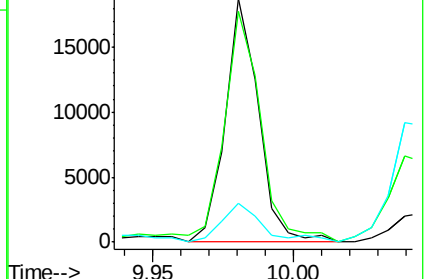
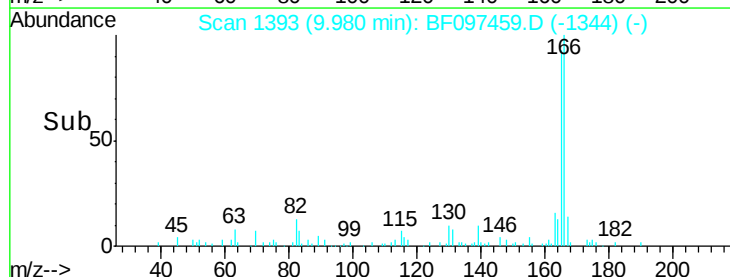
167 16.1 10.6 16.0#

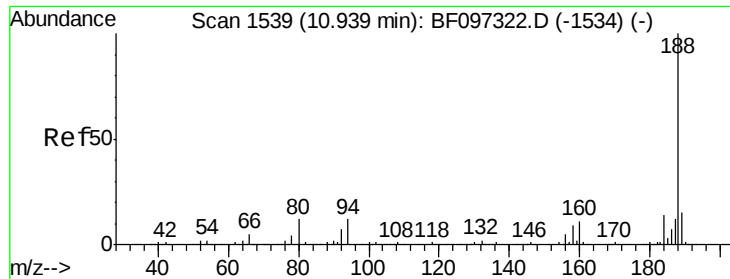


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

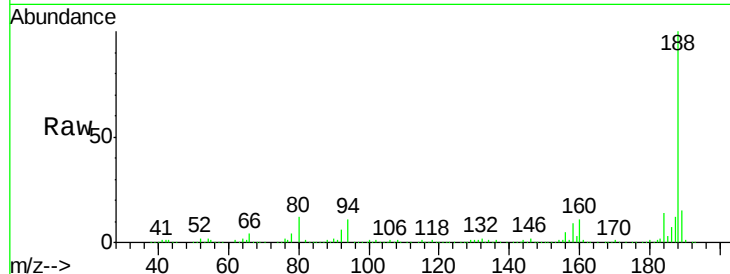




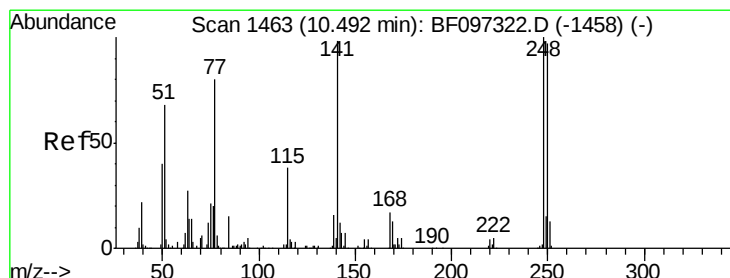
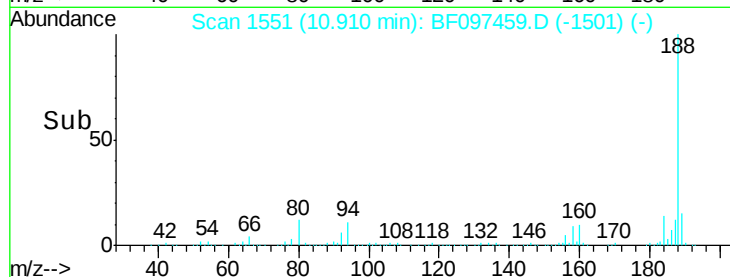
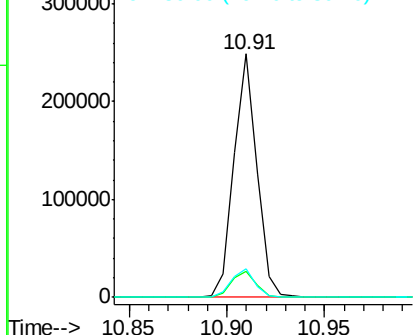
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097459.D
Acq: 8 Aug 2017 6:00

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tot Ion:188 Resp: 203650
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.8 10.2 15.2

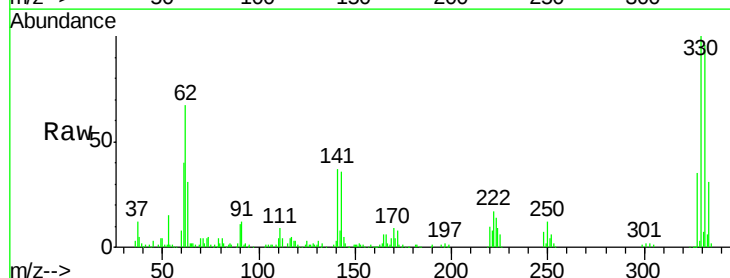


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

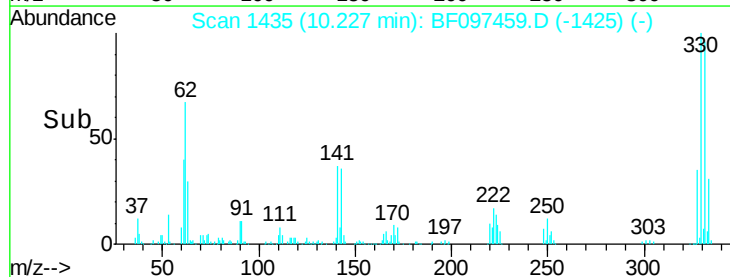
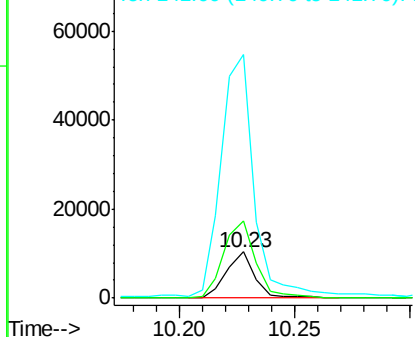


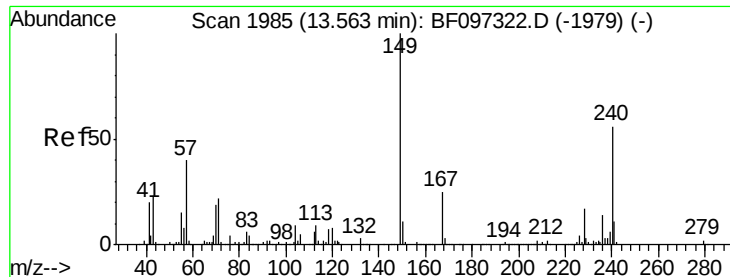
#66
4-Bromophenyl-phenylether
Concen: 4.46 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF097459.D
Acq: 8 Aug 2017 6:00

Tgt Ion:248 Resp: 9056
Ion Ratio Lower Upper
248 100
250 167.0 76.8 115.2#
141 528.5 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: 20.00 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

Instrument :

BNA_F

ClientSampleId :

ERM-33

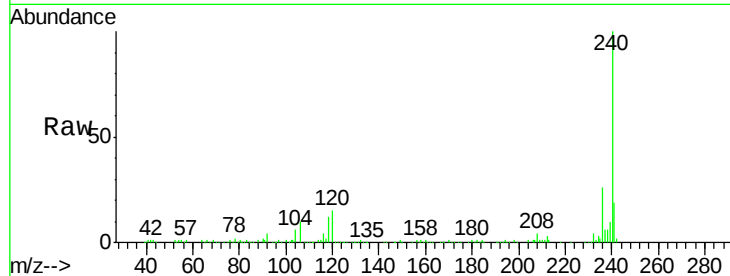
Tot Ion:240 Resp: 172849

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

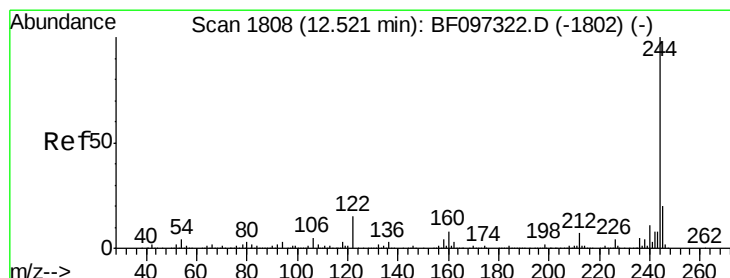
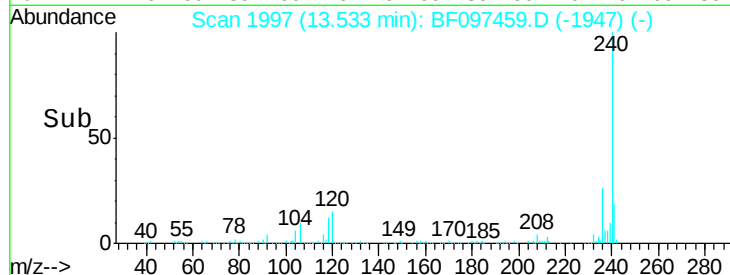
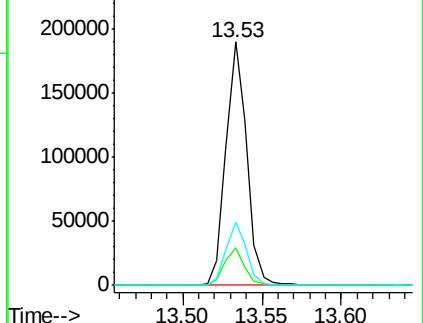
236 25.7 20.5 30.7



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: 73.85 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

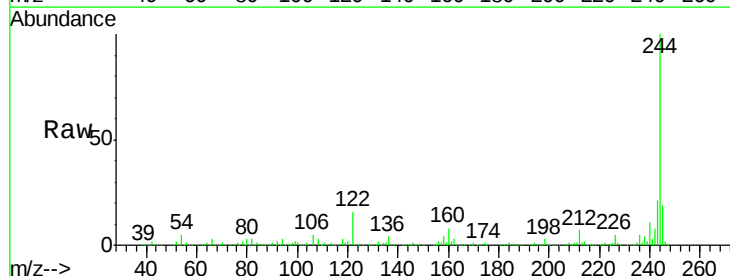
Tgt Ion:244 Resp: 626056

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

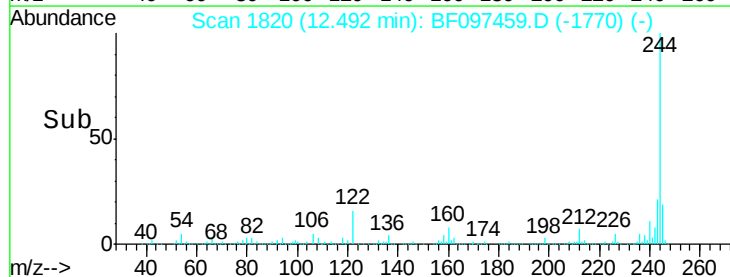
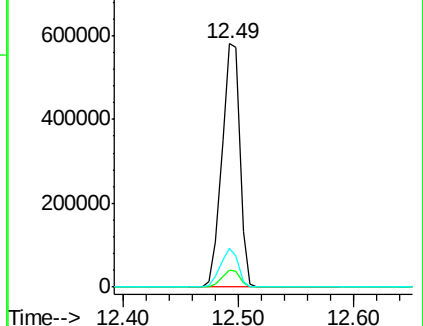
122 16.0 10.3 15.5#

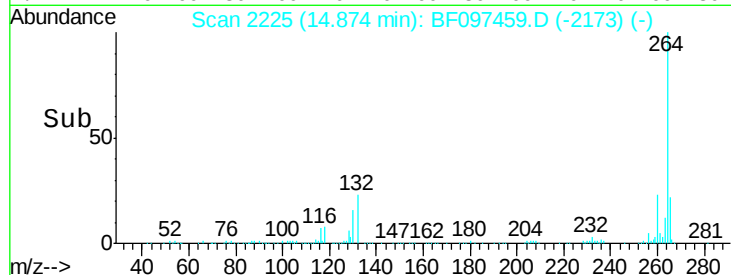
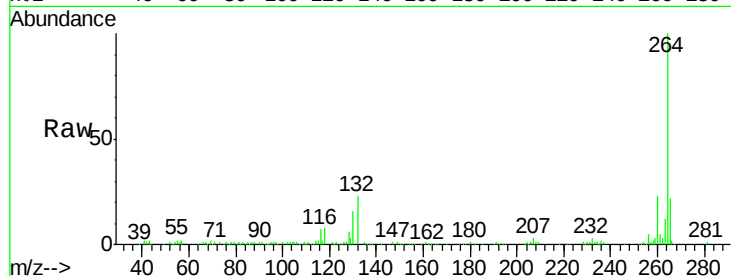
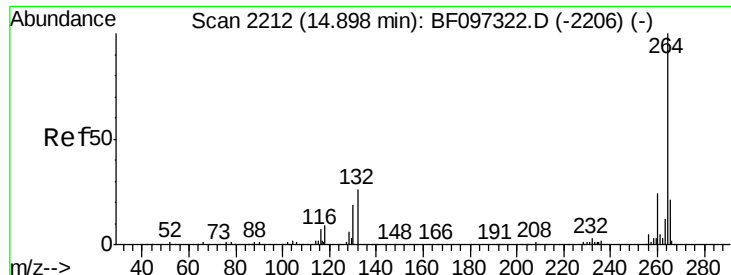


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: BF097459.D
 Acq: 8 Aug 2017 6:00

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33

Tot Ion:264	Resp:	122643
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.5 29.3
265	21.6	17.2 25.8

