

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097471.D
 Acq On : 8 Aug 2017 16:03
 Operator : SJ/JU
 Sample : I4610-12RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-D

Quant Time: Aug 08 17:56:50 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

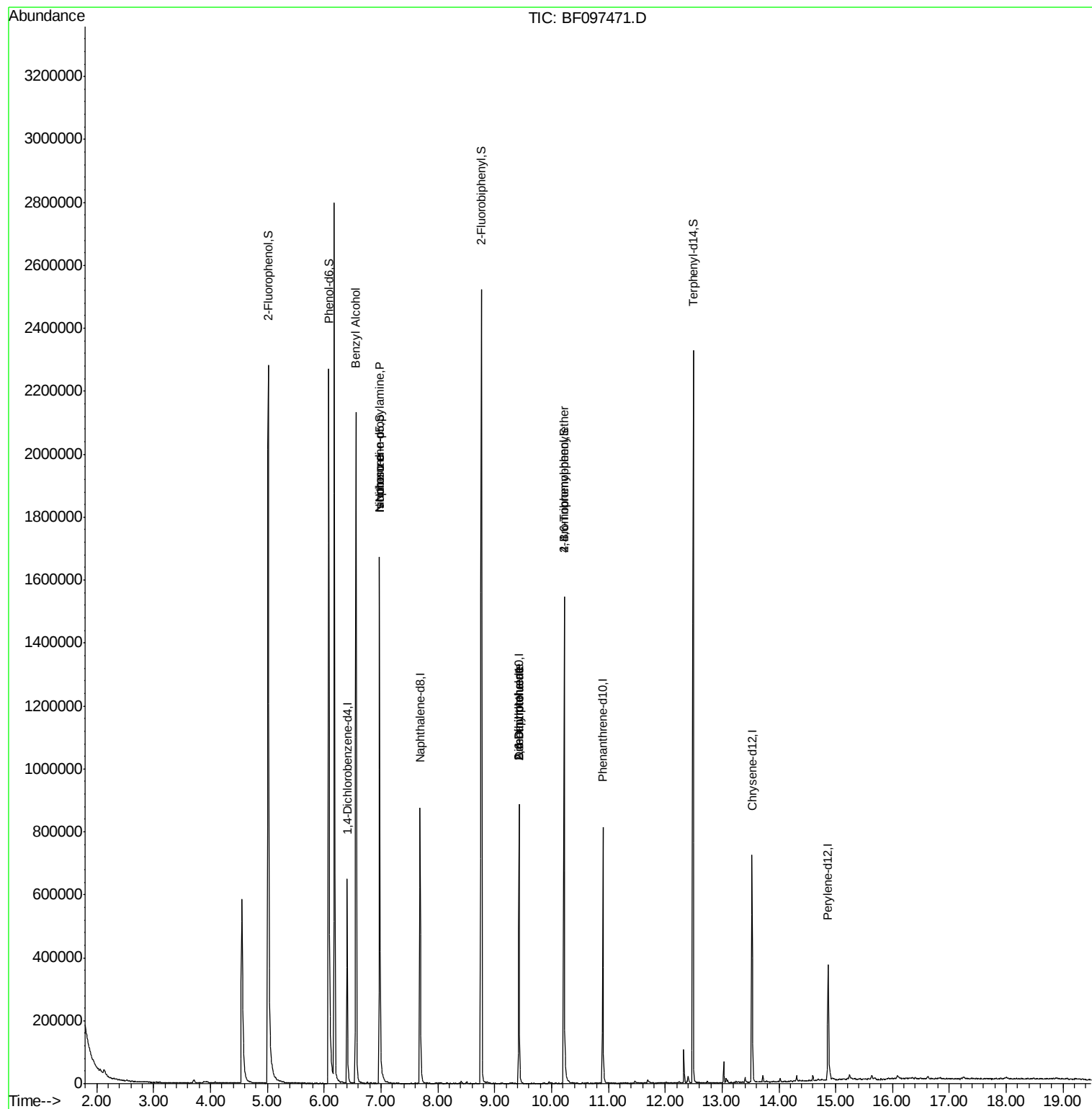
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	97772	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	426022	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	176675	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	303694	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	252641	20.00	ng	-0.01
86) Perylene-d12	14.87	264	169630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	844436	130.20	ng	0.01
7) Phenol-d6	6.08	99	909287	122.81	ng	0.00
23) Nitrobenzene-d5	6.97	82	629509	86.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	201765	144.54	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	968410	93.02	ng	0.00
78) Terphenyl-d14	12.49	244	833809	67.29	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.56	79	9697	2.069	ng	# 43
19) n-Nitroso-di-n-propylamine	6.97	70	85632	17.570	ng	# 87
25) Isophorone	6.97	82	629506	44.263	ng	# 67
49) Dimethylphthalate	9.43	163	51644	3.849	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	22154	7.786	ng	# 33
56) 2,4-Dinitrotoluene	9.43	165	22154	6.772	ng	# 33
66) 4-Bromophenyl-phenylether	10.22	248	12890	4.253	ng	# 1

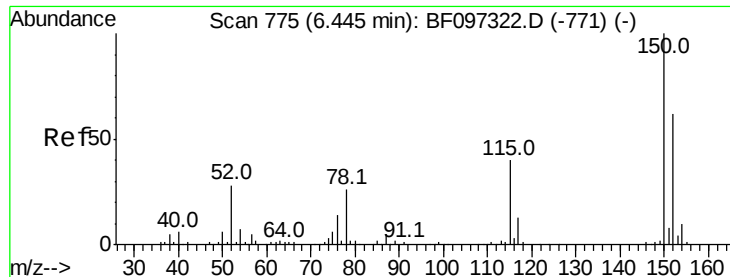
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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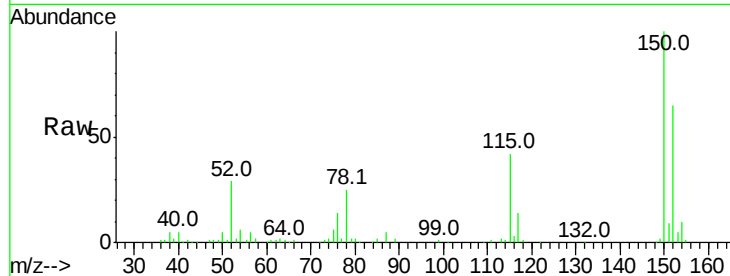


#1

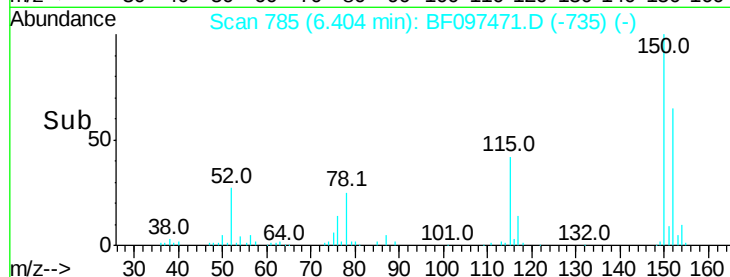
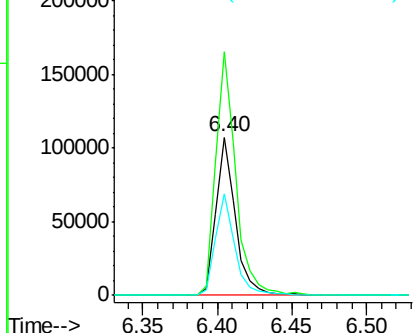
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097471.D
Acq: 8 Aug 2017 16:03

Instrument :
BNA_F
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PL-02-080317-D

Tot Ion:152 Resp: 97772
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 63.8 52.2 78.2



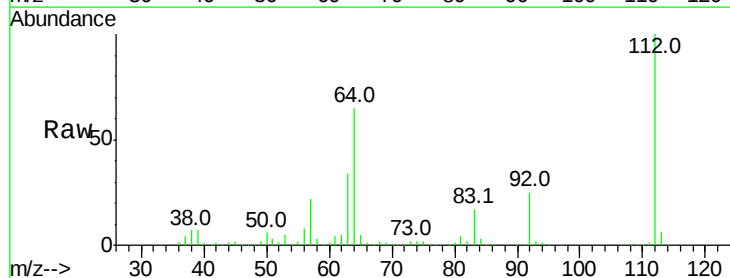
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



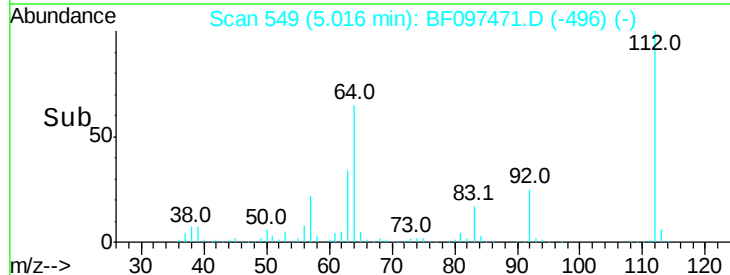
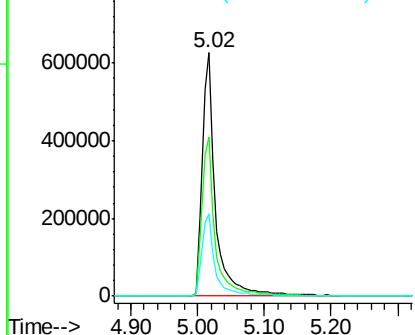
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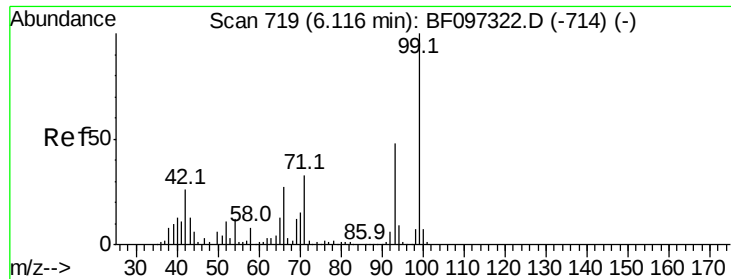
2-Fluorophenol
Concen: 130.199 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097471.D
Acq: 8 Aug 2017 16:03

Tgt Ion:112 Resp: 844436
Ion Ratio Lower Upper
112 100
64 65.3 46.0 69.0
63 33.8 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: 122.806 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097471.D

Acq: 8 Aug 2017 16:03

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-D

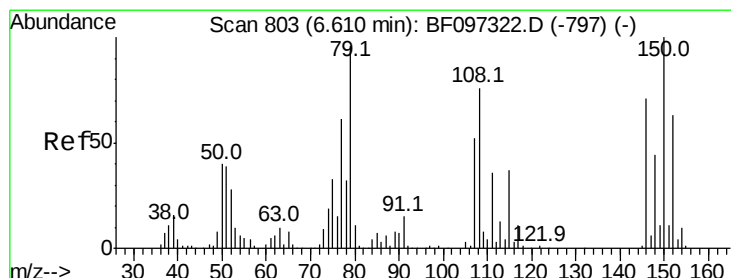
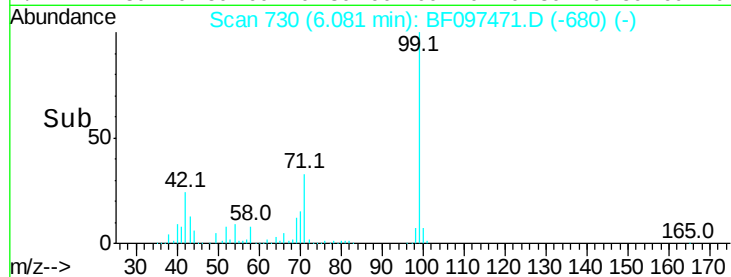
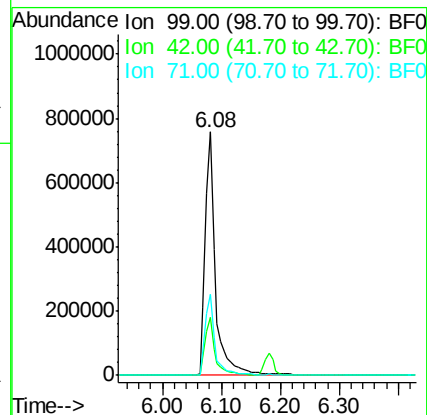
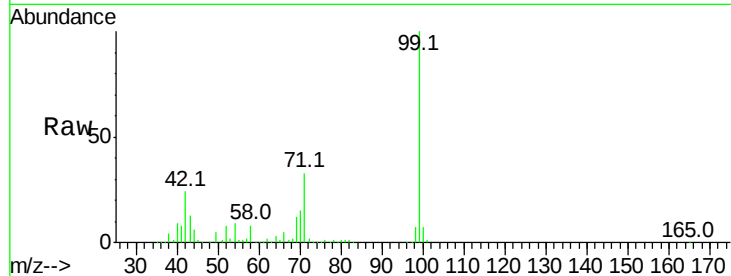
Tot Ion: 99 Resp: 909287

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

71 33.2 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.069 ng

RT: 6.56 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF097471.D

Acq: 8 Aug 2017 16:03

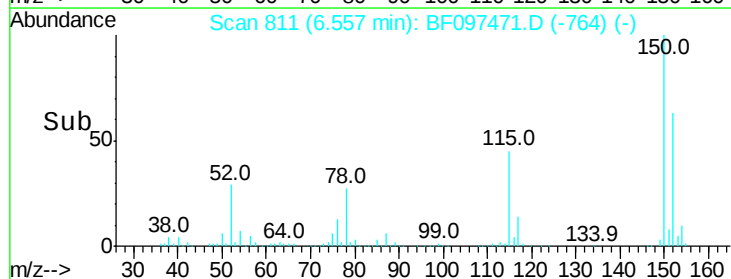
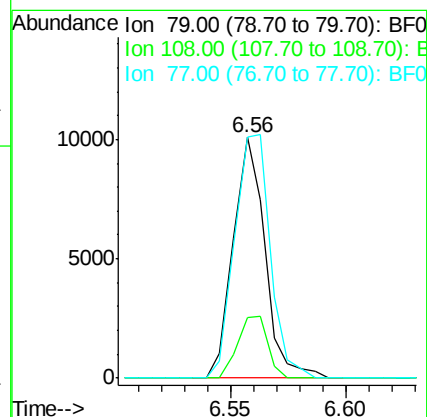
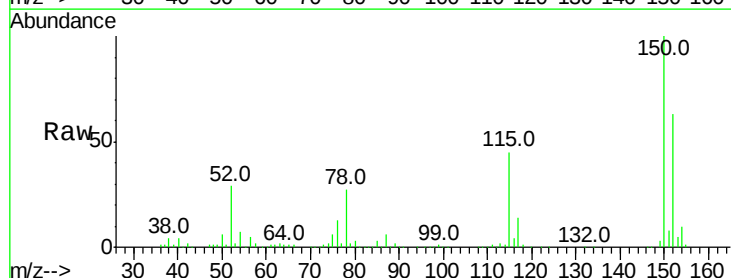
Tgt Ion: 79 Resp: 9697

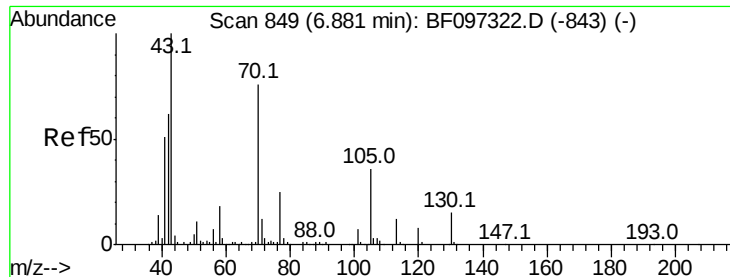
Ion Ratio Lower Upper

79 100

108 25.1 63.4 95.0#

77 99.9 49.2 73.8#

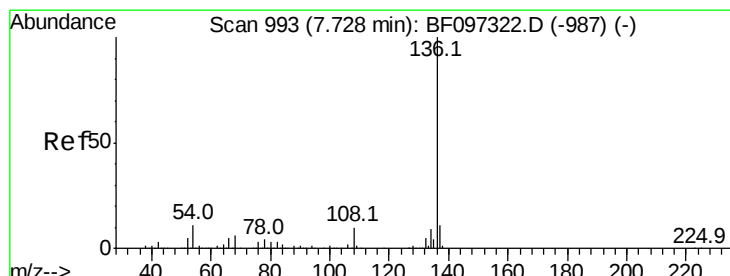
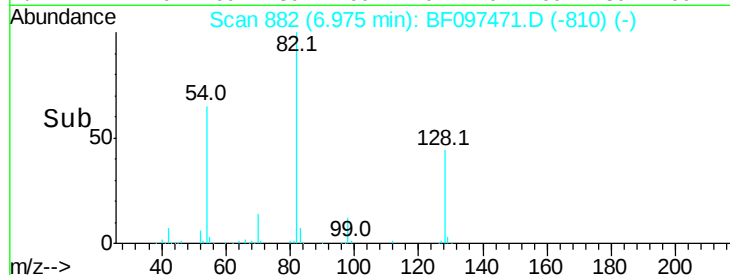
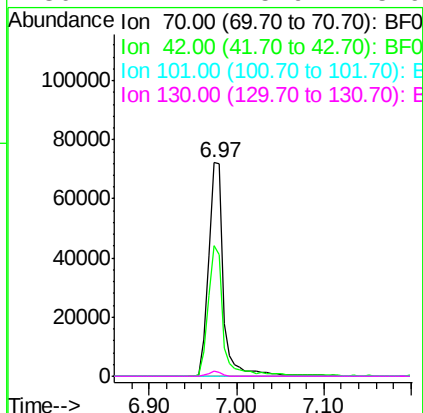
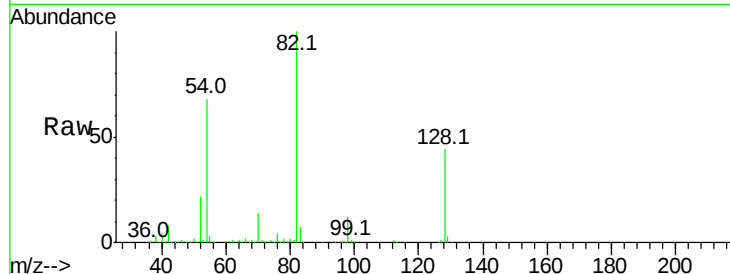




#19
n-Nitroso-di-n-propylamine
Concen: 17.570 ng
RT: 6.97 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF097471.D
Acq: 8 Aug 2017 16:03

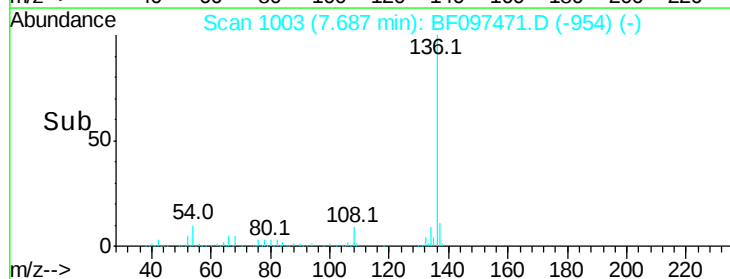
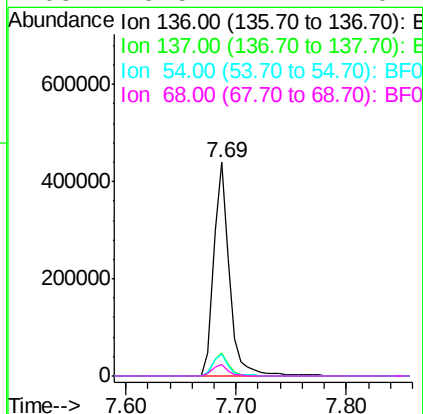
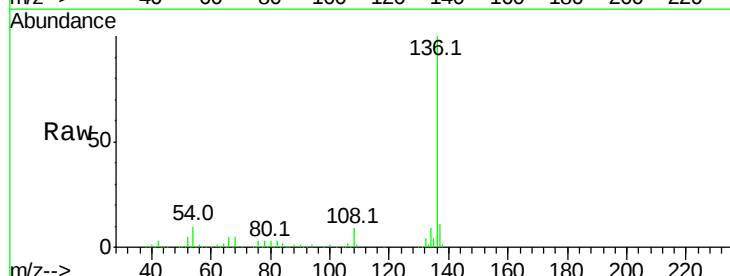
Instrument :
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ClientSampleId :
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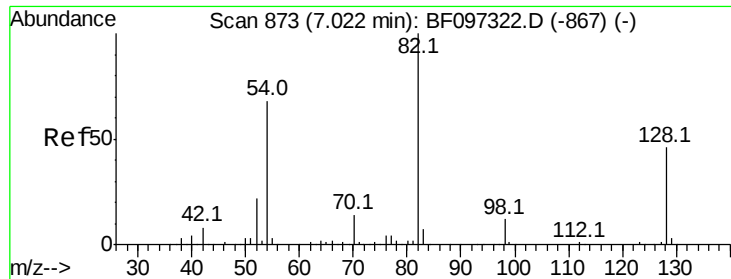
Tot Ion: 70 Resp: 85632
Ion Ratio Lower Upper
70 100
42 61.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097471.D
Acq: 8 Aug 2017 16:03

Tgt Ion: 136 Resp: 426022
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.9 4.9 7.3#
68 5.5 4.1 6.1

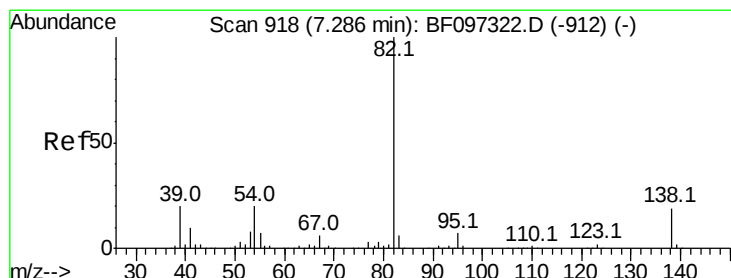
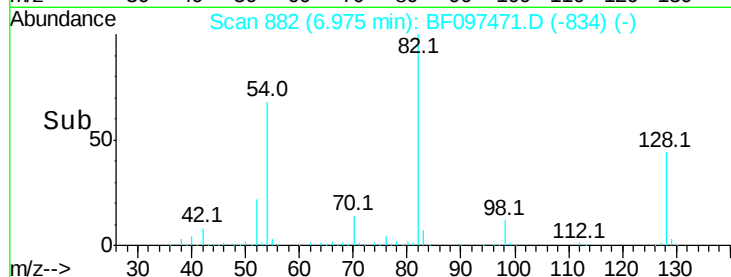
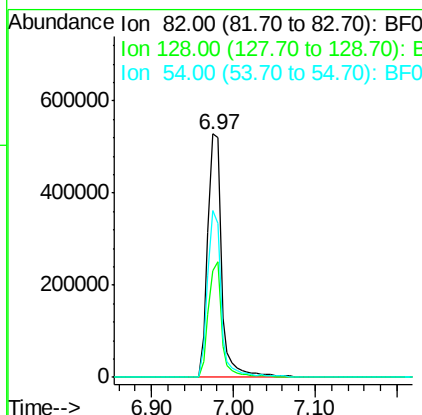
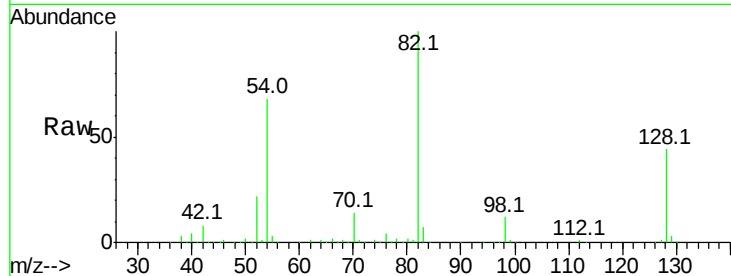




#23
 Nitrobenzene-d5
 Concen: 86.685 ng
 RT: 6.97 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

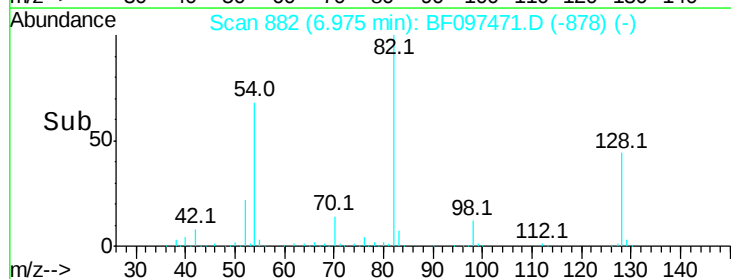
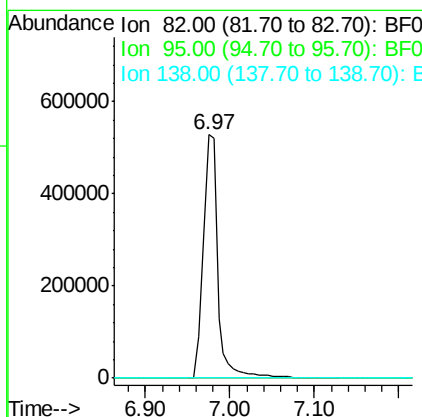
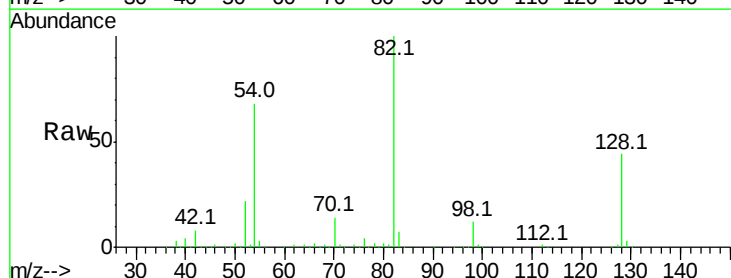
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-D

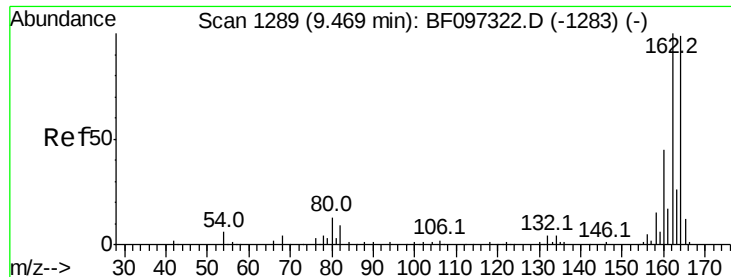
Tot Ion: 82 Resp: 629509
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.0 51.0
 54 68.5 42.2 63.2#



#25
 Isophorone
 Concen: 44.263 ng
 RT: 6.97 min Scan# 882
 Delta R.T. -0.28 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

Tgt Ion: 82 Resp: 629506
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

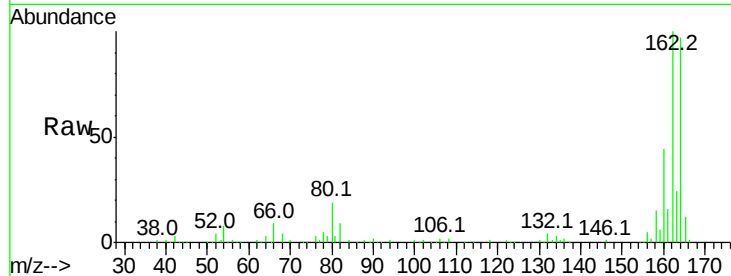




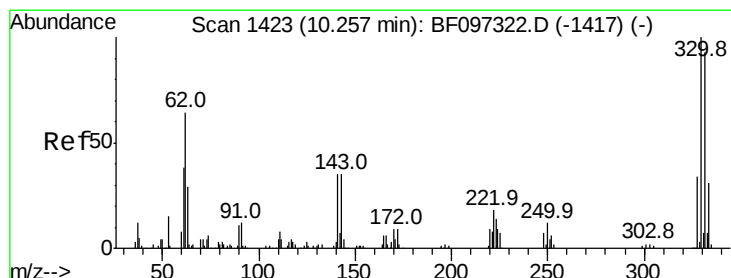
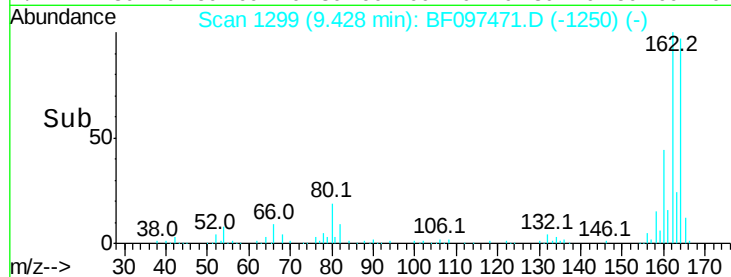
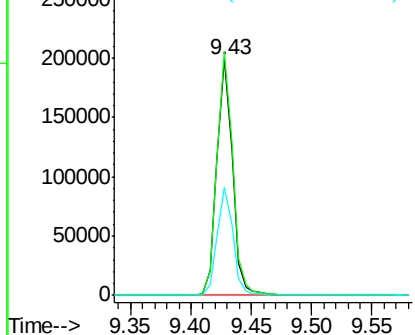
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-D

Tot Ion:164 Resp: 176675
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 46.0 36.2 54.2

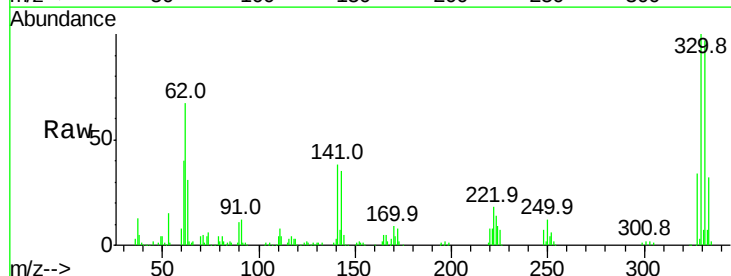


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

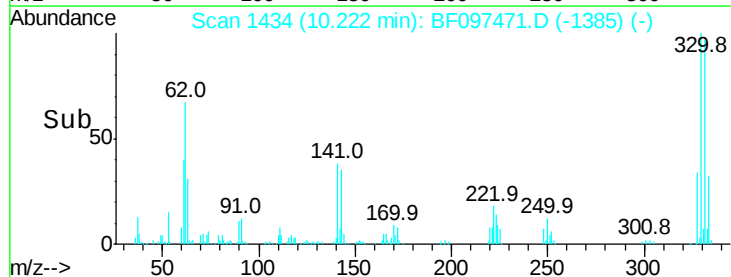
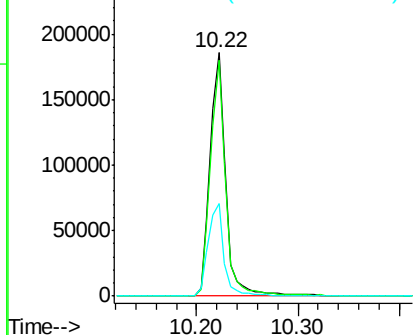


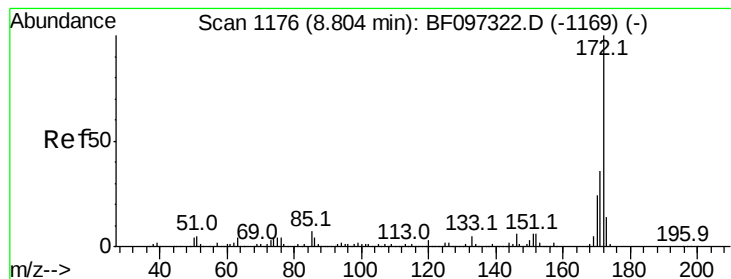
#41
 2,4,6-Tribromophenol
 Concen: 144.541 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

Tgt Ion:330 Resp: 201765
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 38.2 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: 93.023 ng

RT: 8.77 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF097471.D

Acq: 8 Aug 2017 16:03

Instrument :

BNA_F

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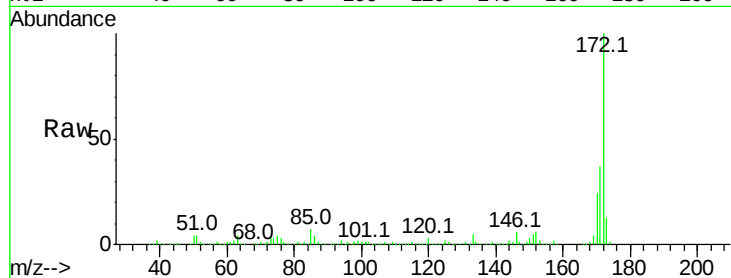
Tot Ion:172 Resp: 968410

Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

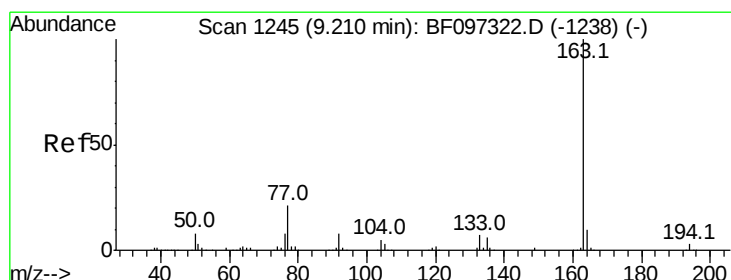
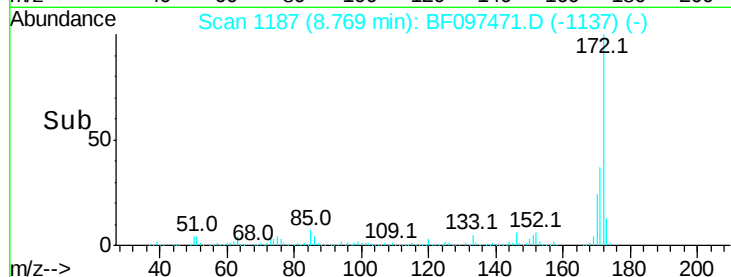
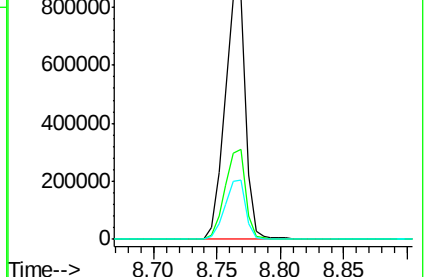
170 24.4 19.8 29.8



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



#49

Dimethylphthalate

Concen: 3.849 ng

RT: 9.43 min Scan# 1299

Delta R.T. 0.24 min

Lab File: BF097471.D

Acq: 8 Aug 2017 16:03

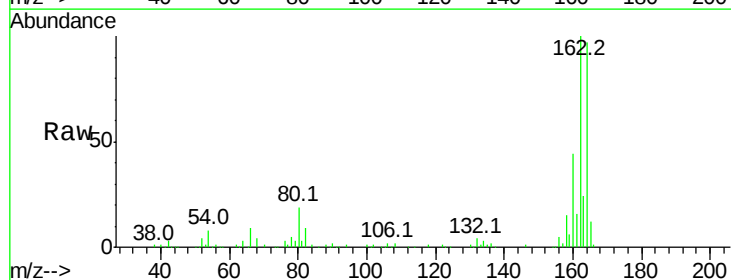
Tgt Ion:163 Resp: 51644

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

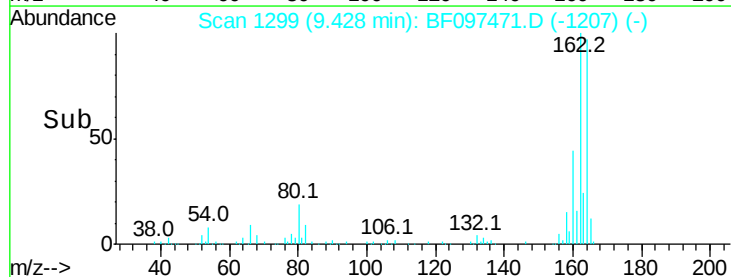
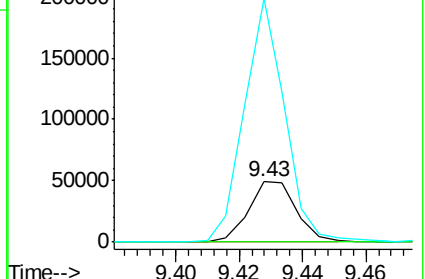
164 405.1 8.4 12.6#

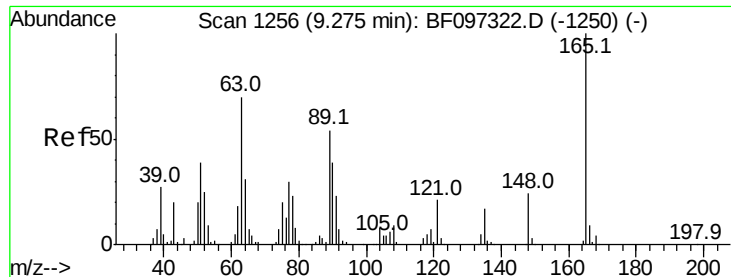


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

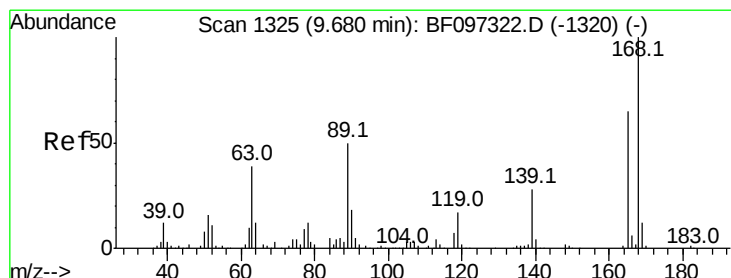
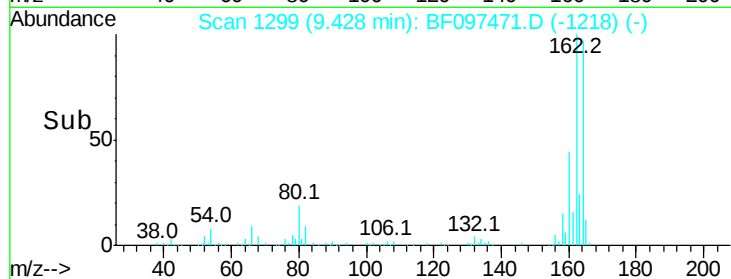
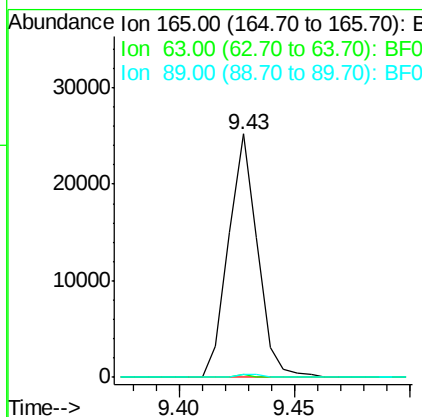
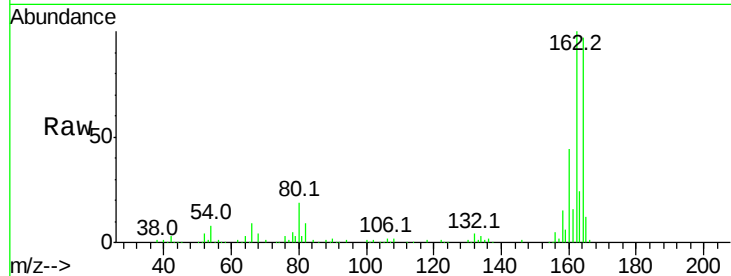




#50
 2,6-Dinitrotoluene
 Concen: 7.786 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. 0.18 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

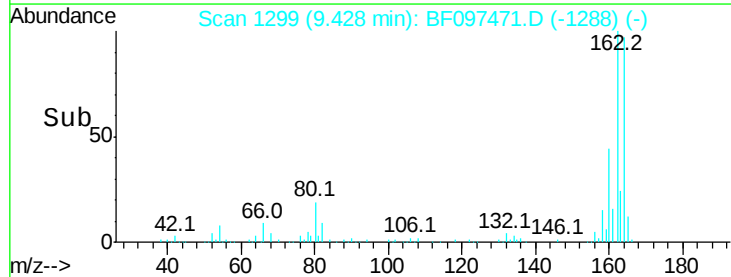
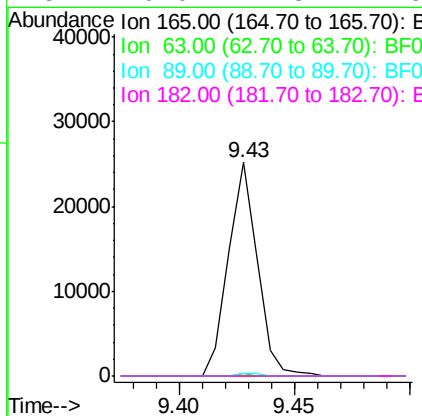
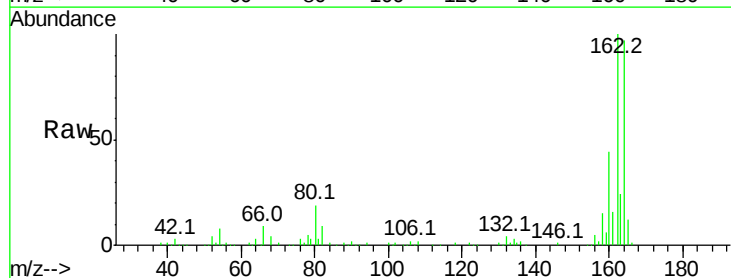
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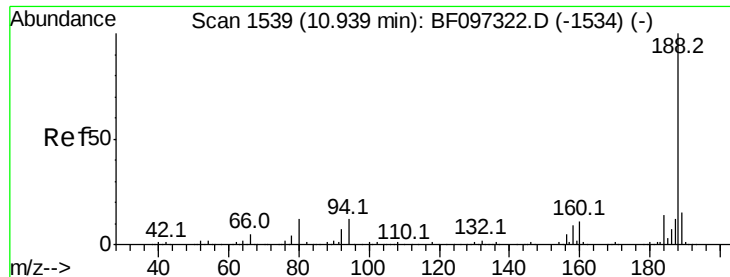
Tot Ion:165	Resp:	22154
Ion Ratio	Lower	Upper
165	100	
63	1.3	34.3 51.5#
89	1.3	37.1 55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.772 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.24 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

Tgt Ion:165	Resp:	22154
Ion Ratio	Lower	Upper
165	100	
63	1.3	25.4 38.0#
89	1.3	46.4 69.6#
182	0.0	1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.90 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF097471.D

Acq: 8 Aug 2017 16:03

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-D

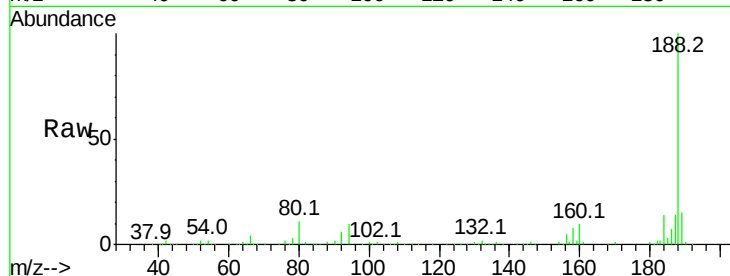
Tot Ion:188 Resp: 303694

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

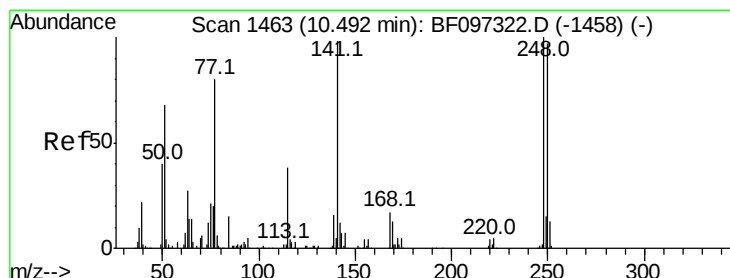
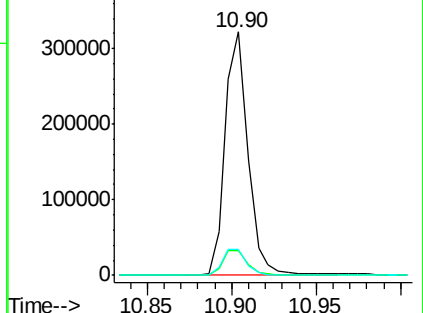
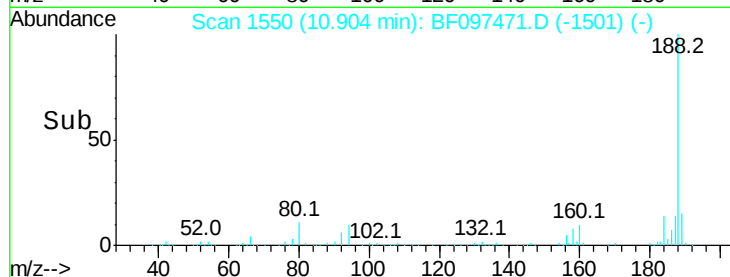
80 10.8 10.2 15.2



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: 4.253 ng

RT: 10.22 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF097471.D

Acq: 8 Aug 2017 16:03

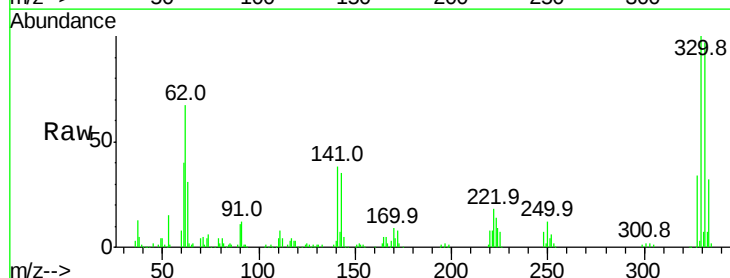
Tgt Ion:248 Resp: 12890

Ion Ratio Lower Upper

248 100

250 186.6 76.8 115.2#

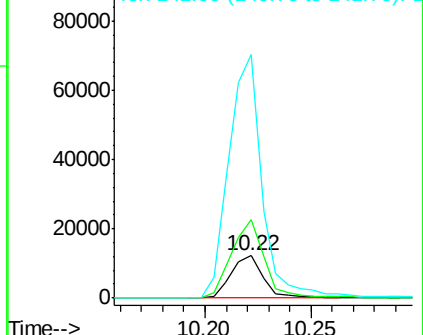
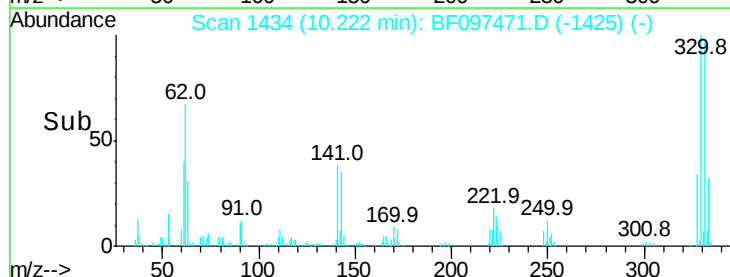
141 576.9 68.6 103.0#

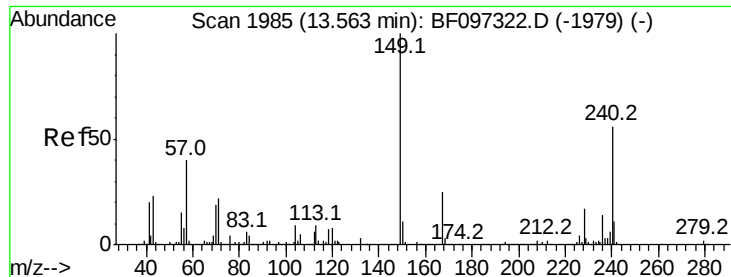


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF097471.D

Acq: 8 Aug 2017 16:03

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-D

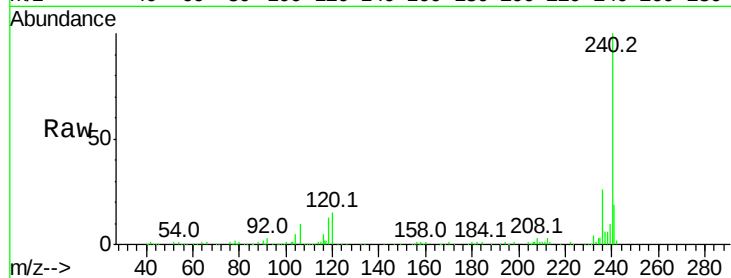
Tot Ion:240 Resp: 252641

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

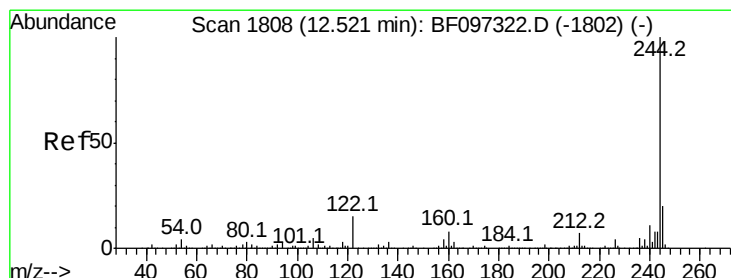
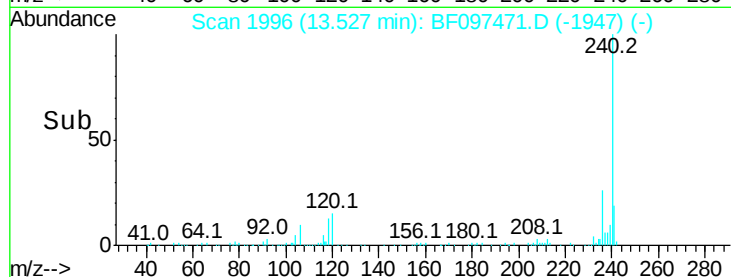
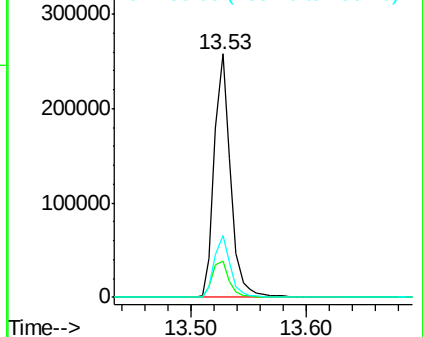
236 25.5 20.5 30.7



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: 67.290 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097471.D

Acq: 8 Aug 2017 16:03

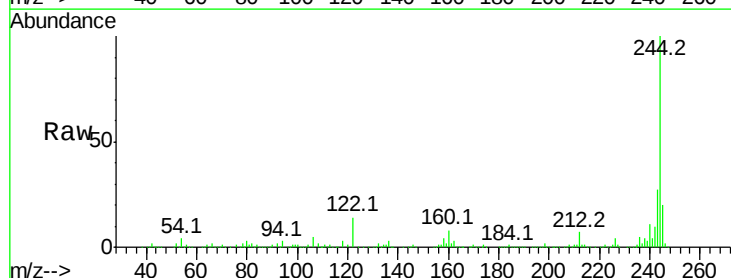
Tgt Ion:244 Resp: 833809

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

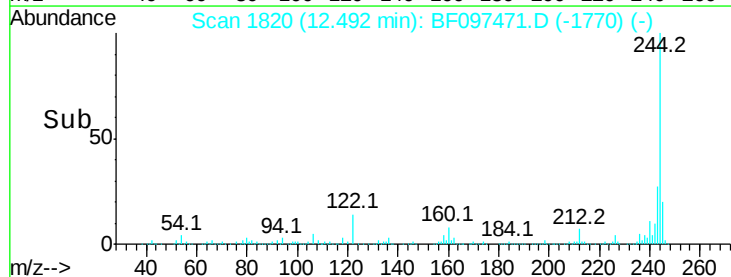
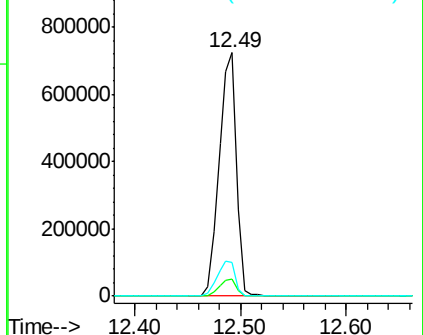
122 13.9 10.3 15.5

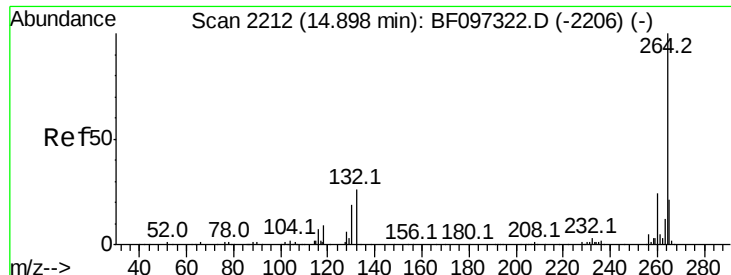


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

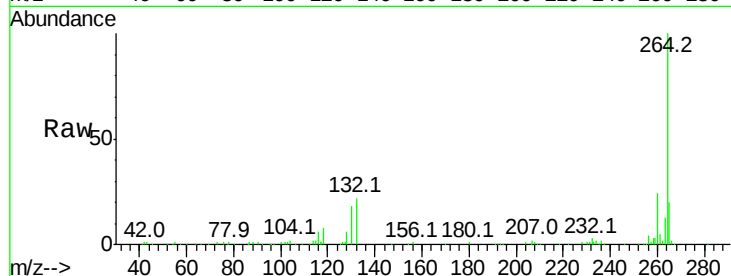




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-D

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.9	19.5	29.3	
265	20.3	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

