

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097466.D
 Acq On : 8 Aug 2017 13:44
 Operator : SJ/JU
 Sample : I4611-06RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080317-B

Quant Time: Aug 08 16:56:53 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

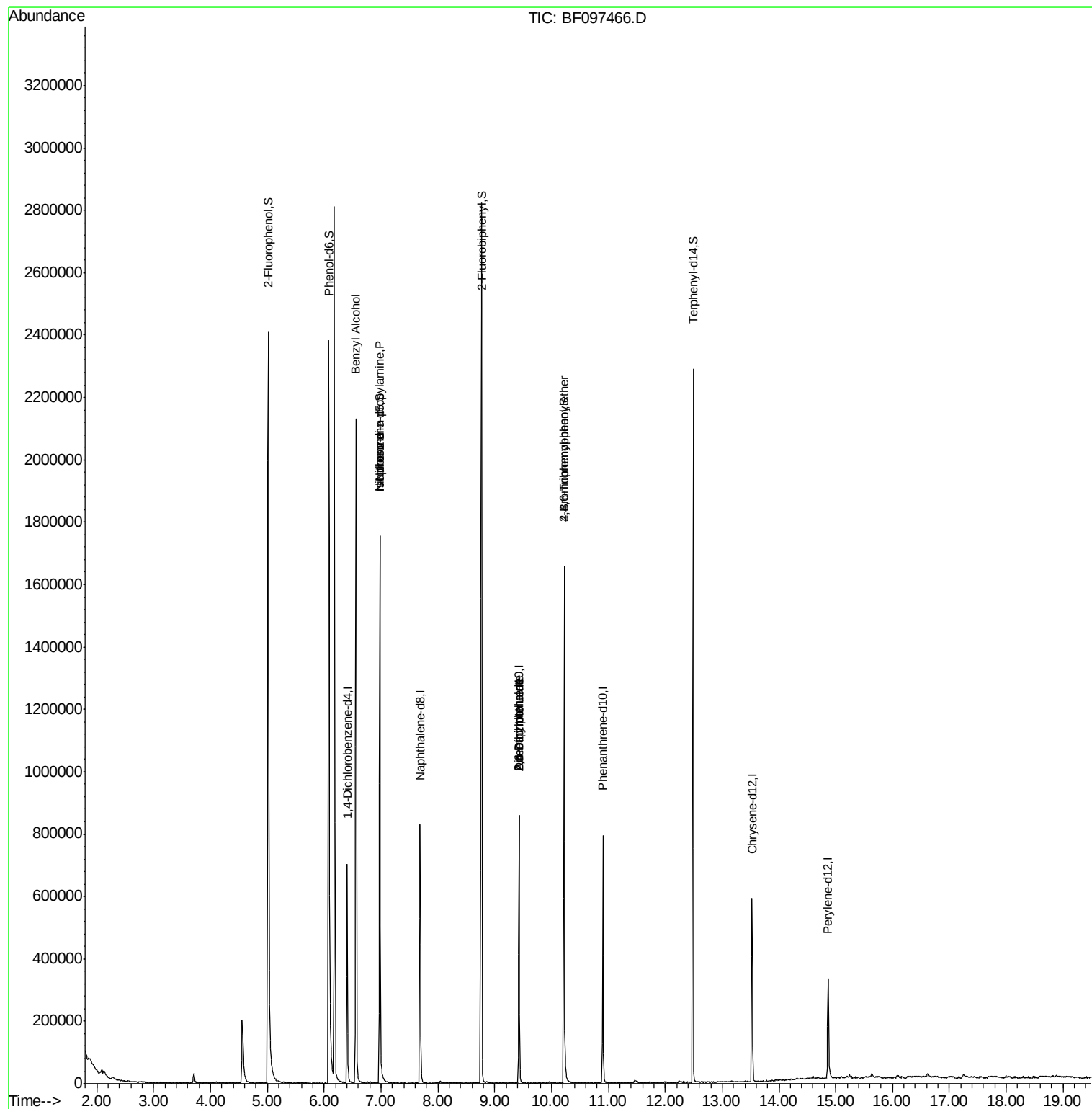
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	102563	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	389352	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	177405	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	283849	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	206963	20.00	ng	-0.01
86) Perylene-d12	14.87	264	148676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	854527	125.60	ng	0.01
7) Phenol-d6	6.08	99	977538	125.86	ng	0.00
23) Nitrobenzene-d5	6.98	82	623781	93.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	197810	141.12	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1030503	98.58	ng	0.00
78) Terphenyl-d14	12.49	244	766511	75.51	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.56	79	10375	2.110	ng	# 44
19) n-Nitroso-di-n-propylamine	6.98	70	83930	16.417	ng	# 88
25) Isophorone	6.98	82	623775	47.991	ng	# 67
49) Dimethylphthalate	9.43	163	52228	3.877	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	22631	7.920	ng	# 34
56) 2,4-Dinitrotoluene	9.43	165	22631	6.890	ng	# 33
66) 4-Bromophenyl-phenylether	10.22	248	12730	4.494	ng	# 1

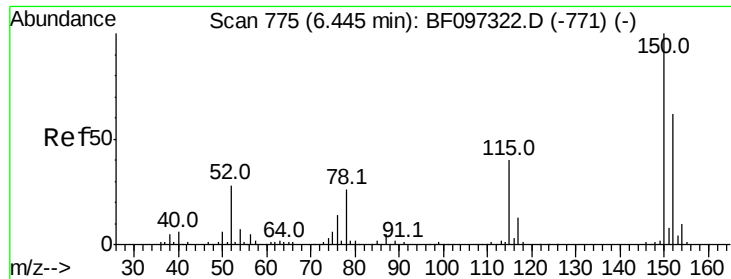
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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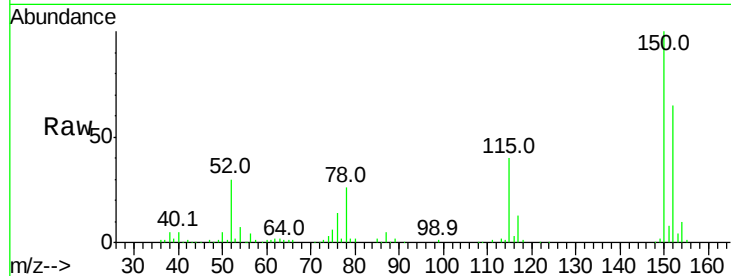


#1

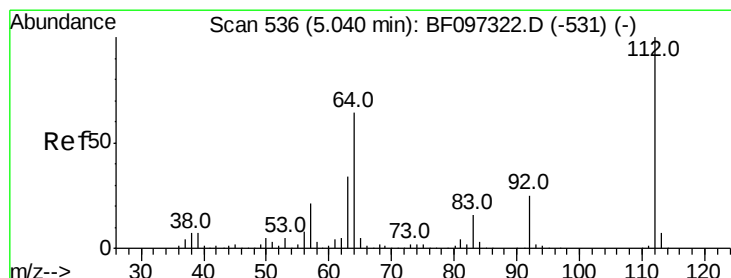
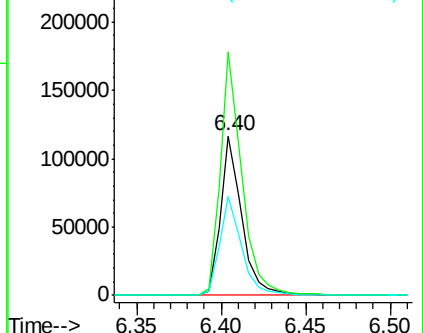
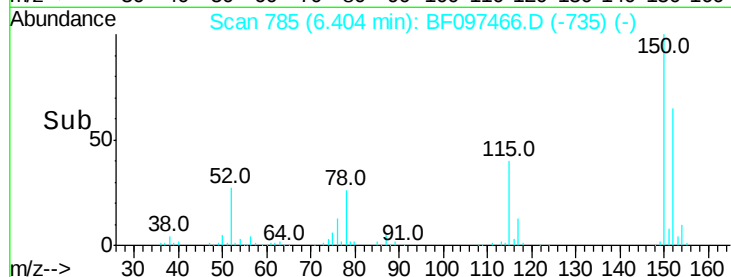
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097466.D
Acq: 8 Aug 2017 13:44

Instrument :
BNA_F
ClientSampleId :
EO-01-080317-B

Tot Ion:152 Resp: 102563
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.2
115 61.8 52.2 78.2



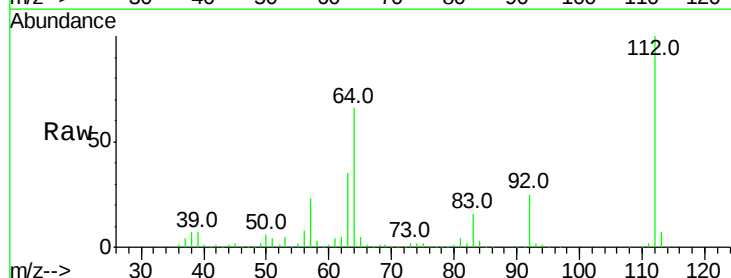
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



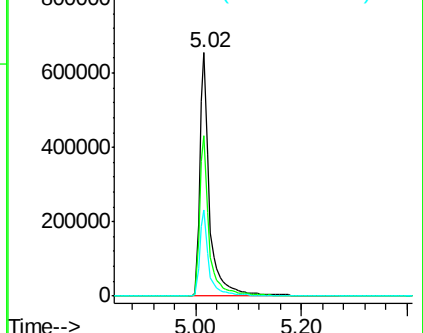
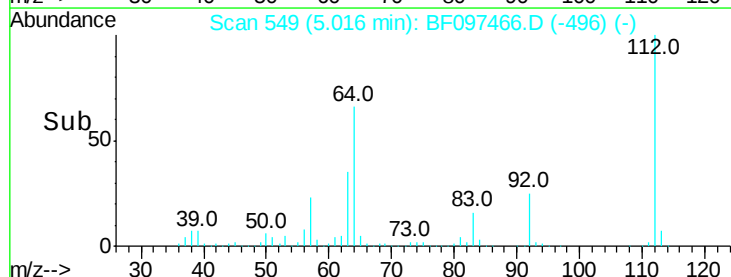
#5

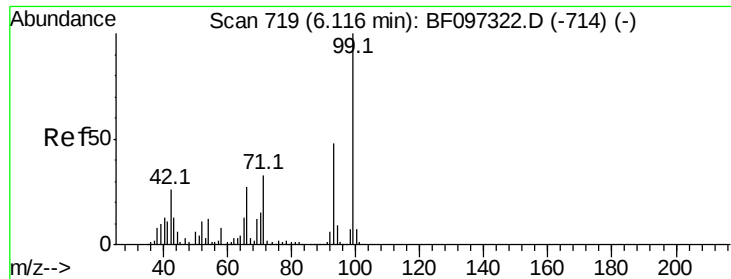
2-Fluorophenol
Concen: 125.600 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097466.D
Acq: 8 Aug 2017 13:44

Tgt Ion:112 Resp: 854527
Ion Ratio Lower Upper
112 100
64 66.0 46.0 69.0
63 35.2 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: 125.857 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097466.D

Acq: 8 Aug 2017 13:44

Instrument :

BNA_F

ClientSampleId :

EO-01-080317-B

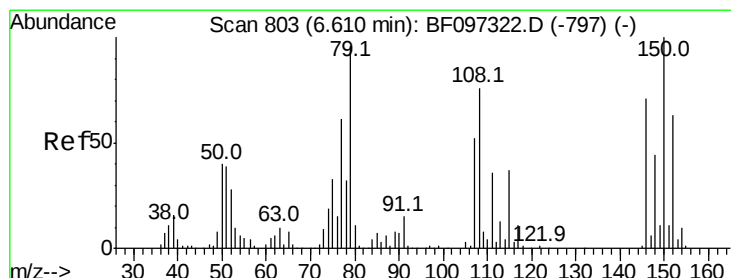
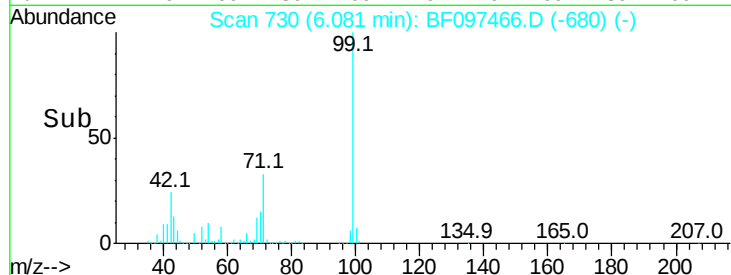
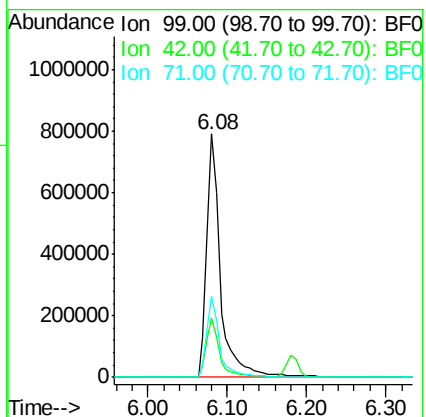
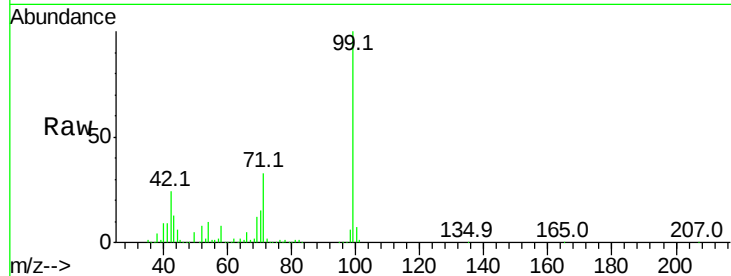
Tot Ion: 99 Resp: 977538

Ion Ratio Lower Upper

99 100

42 24.3 13.5 20.3#

71 33.1 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.110 ng

RT: 6.56 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF097466.D

Acq: 8 Aug 2017 13:44

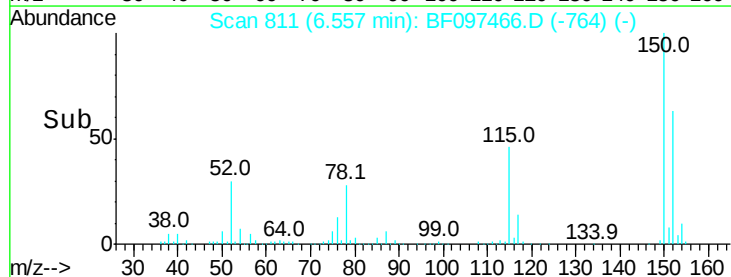
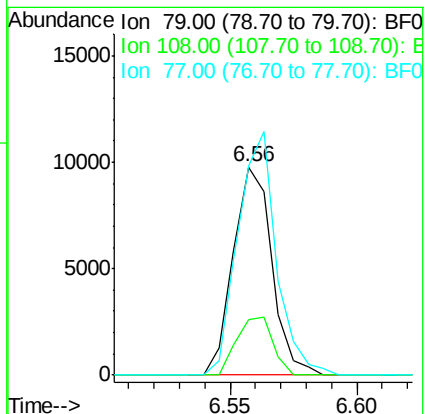
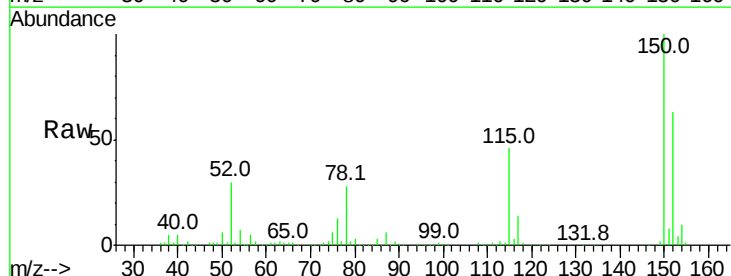
Tgt Ion: 79 Resp: 10375

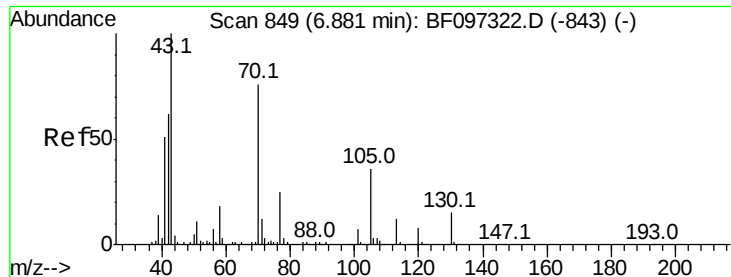
Ion Ratio Lower Upper

79 100

108 26.9 63.4 95.0#

77 100.3 49.2 73.8#

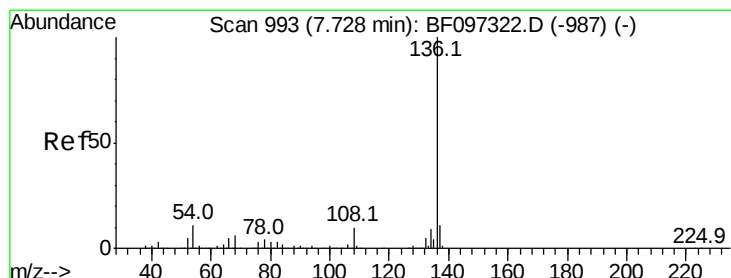
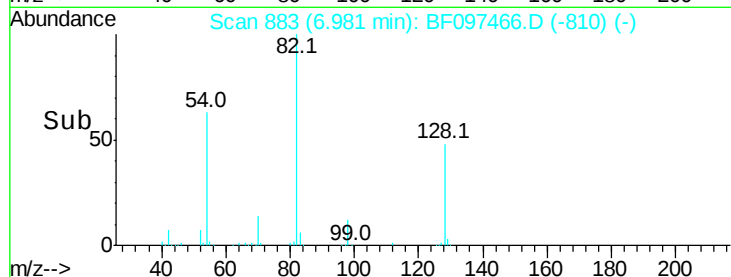
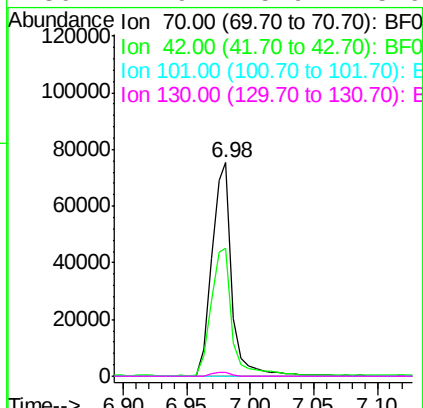
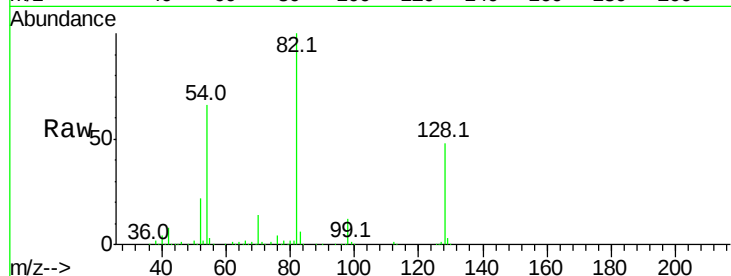




#19
n-Nitroso-di-n-propylamine
Concen: 16.417 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097466.D
Acq: 8 Aug 2017 13:44

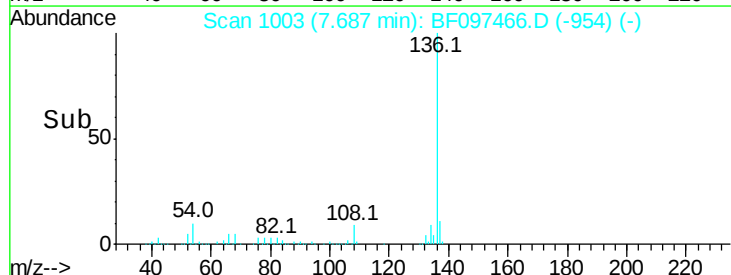
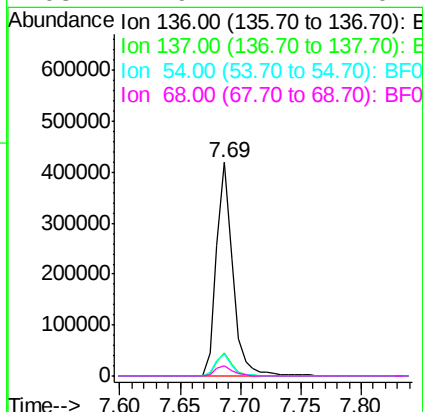
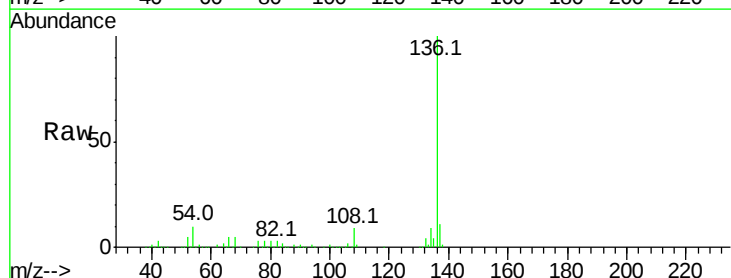
Instrument :
BNA_F
ClientSampleId :
EO-01-080317-B

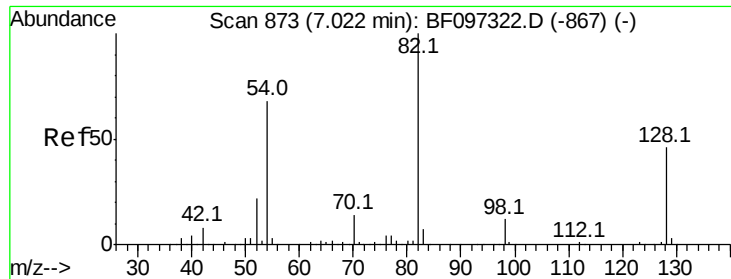
Tot Ion: 70 Resp: 83930
Ion Ratio Lower Upper
70 100
42 59.9 47.2 70.8
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097466.D
Acq: 8 Aug 2017 13:44

Tgt Ion: 136 Resp: 389352
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 10.1 4.9 7.3#
68 4.9 4.1 6.1

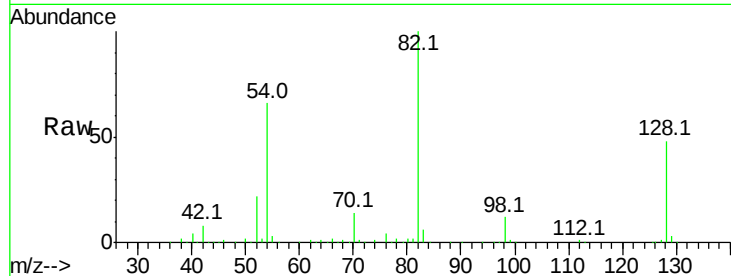




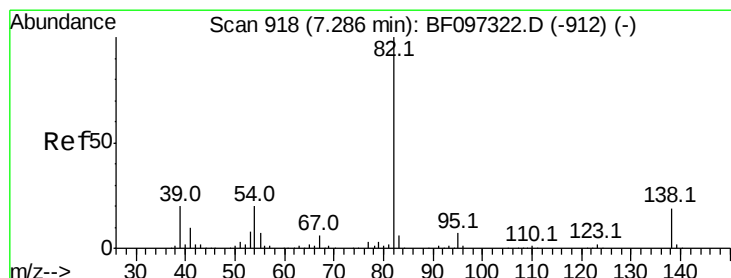
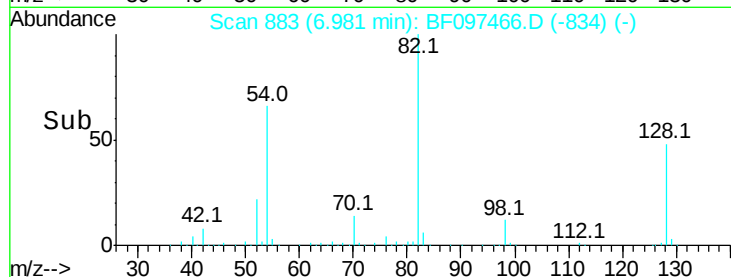
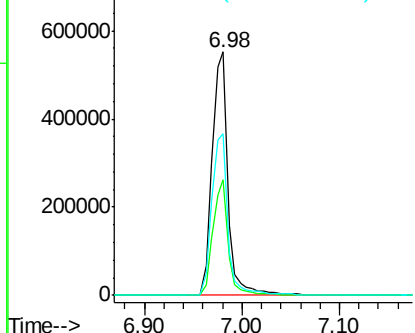
#23
Nitrobenzene-d5
Concen: 93.986 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097466.D
Acq: 8 Aug 2017 13:44

Instrument :
BNA_F
ClientSampleId :
EO-01-080317-B

Tot Ion: 82 Resp: 623781
Ion Ratio Lower Upper
82 100
128 47.6 34.0 51.0
54 66.3 42.2 63.2#

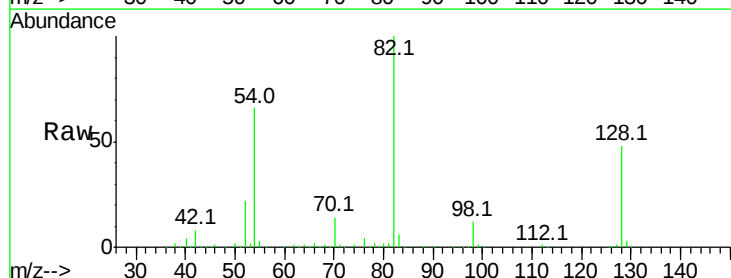


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

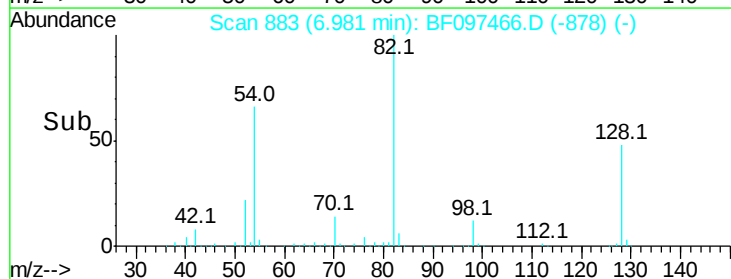
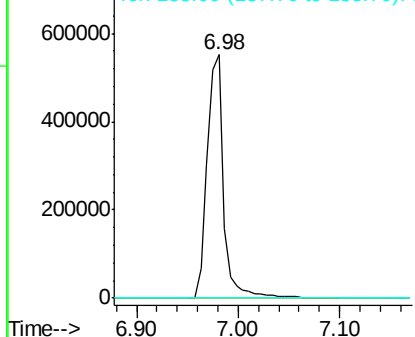


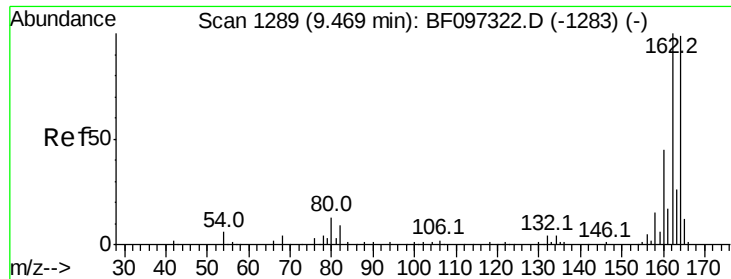
#25
Isophorone
Concen: 47.991 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF097466.D
Acq: 8 Aug 2017 13:44

Tgt Ion: 82 Resp: 623775
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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.43 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097466.D

Acq: 8 Aug 2017 13:44

Instrument :

BNA_F

ClientSampleId :

EO-01-080317-B

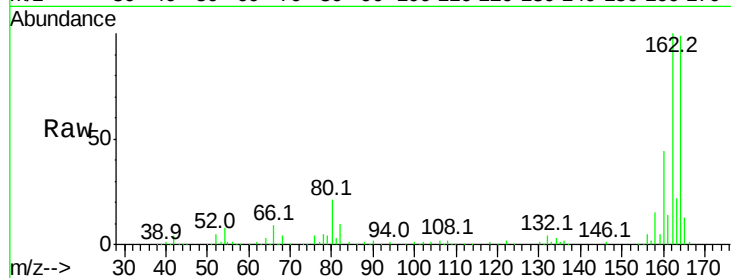
Tot Ion:164 Resp: 177405

Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

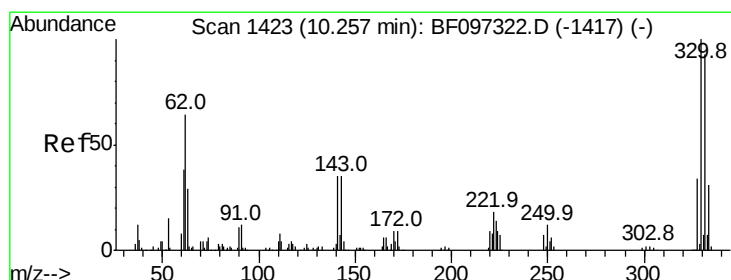
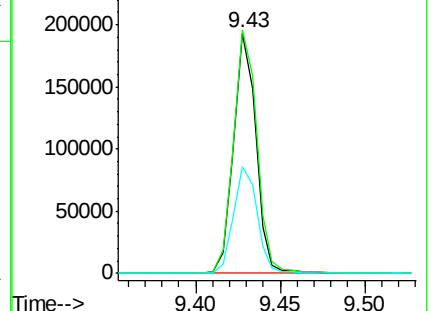
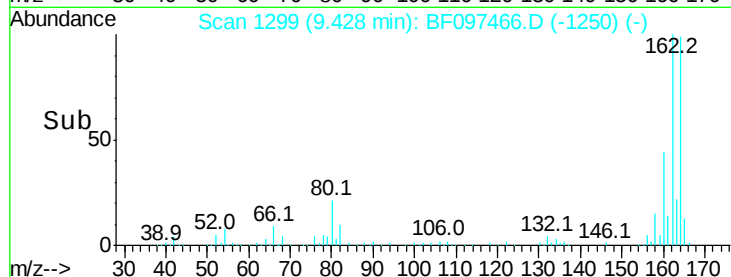
160 44.6 36.2 54.2



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: 141.124 ng

RT: 10.22 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF097466.D

Acq: 8 Aug 2017 13:44

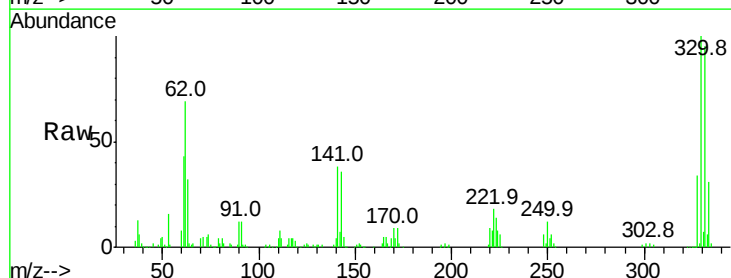
Tgt Ion:330 Resp: 197810

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

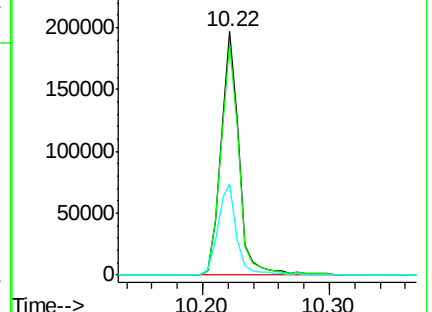
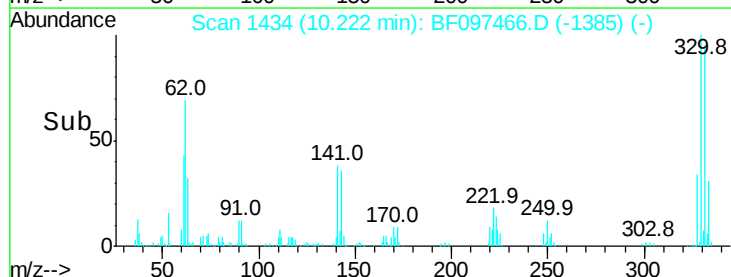
141 39.7 31.4 47.2

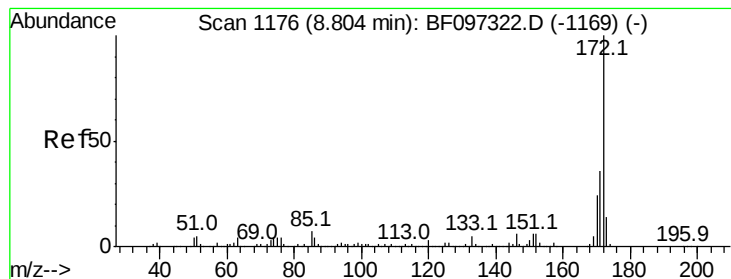


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 98.580 ng

RT: 8.77 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF097466.D

Acq: 8 Aug 2017 13:44

Instrument :

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EO-01-080317-B

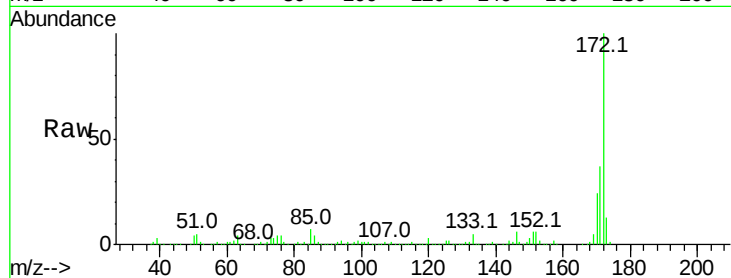
Tot Ion:172 Resp: 1030503

Ion Ratio Lower Upper

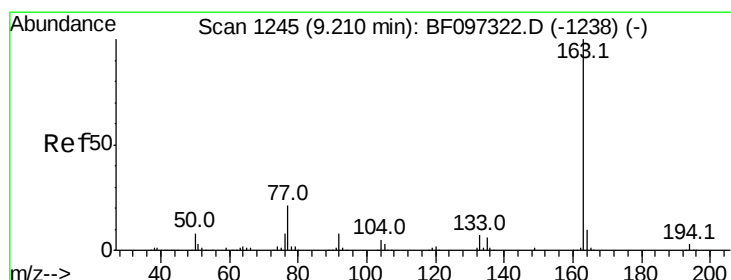
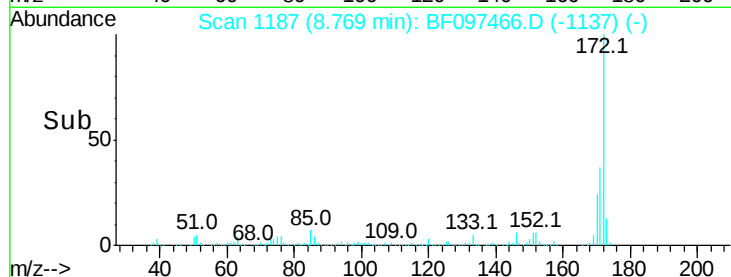
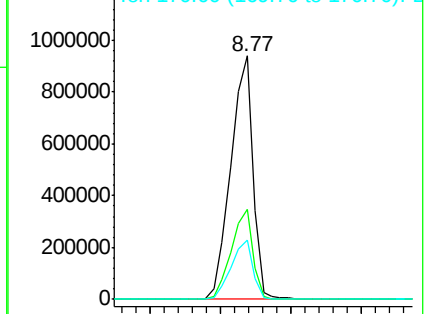
172 100

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: 3.877 ng

RT: 9.43 min Scan# 1300

Delta R.T. 0.25 min

Lab File: BF097466.D

Acq: 8 Aug 2017 13:44

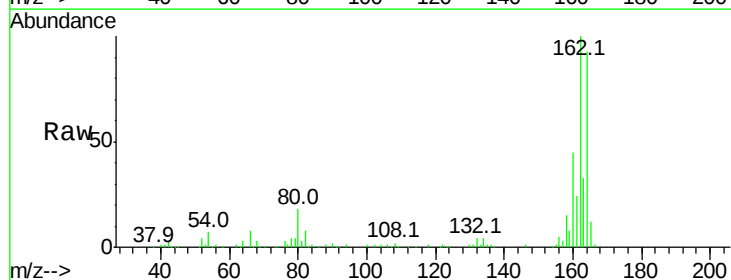
Tgt Ion:163 Resp: 52228

Ion Ratio Lower Upper

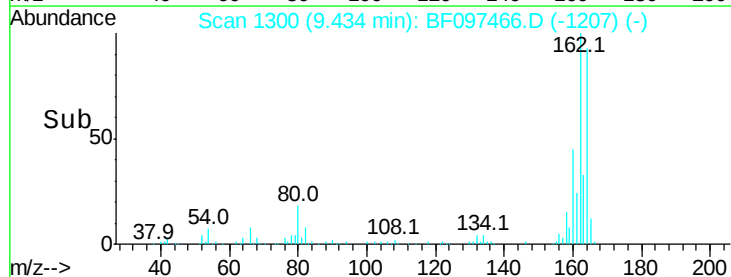
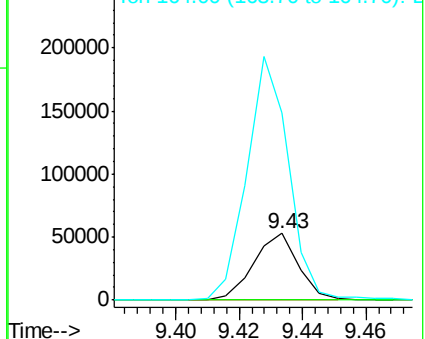
163 100

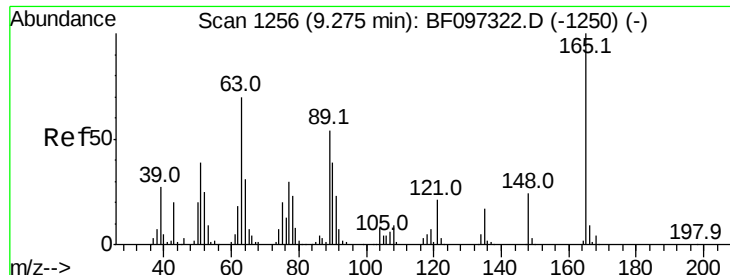
194 0.0 2.6 4.0#

164 282.2 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

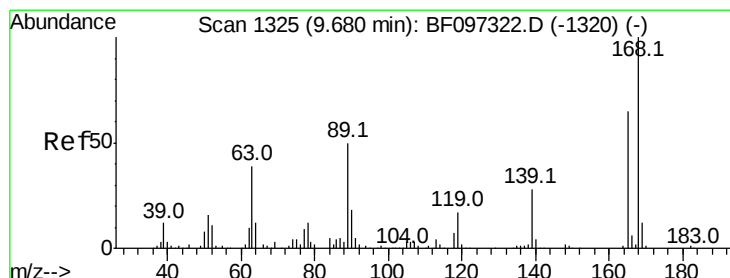
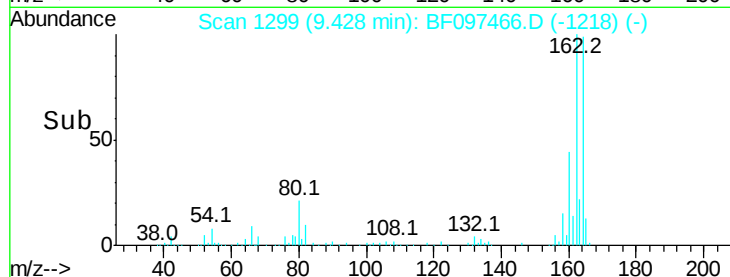
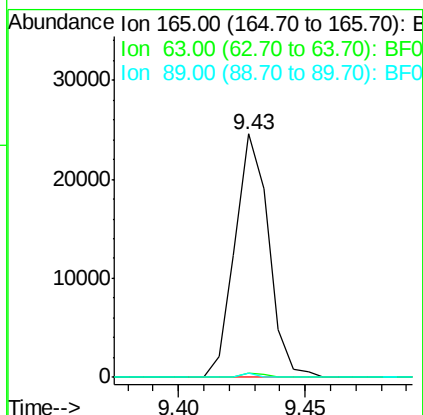
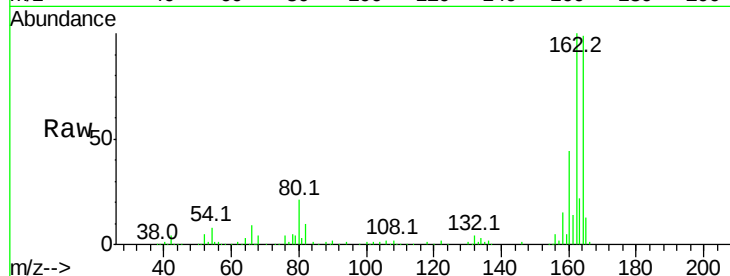




#50
 2,6-Dinitrotoluene
 Concen: 7.920 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. 0.18 min
 Lab File: BF097466.D
 Acq: 8 Aug 2017 13:44

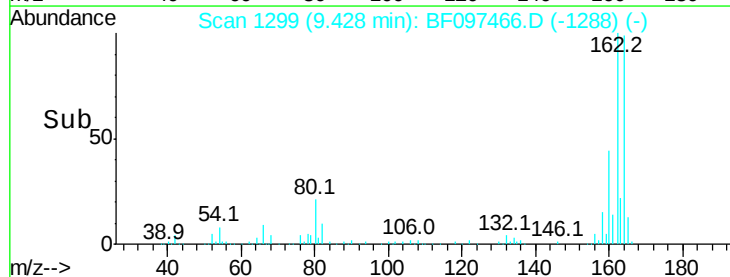
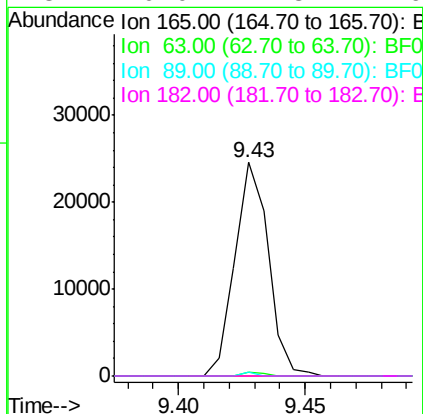
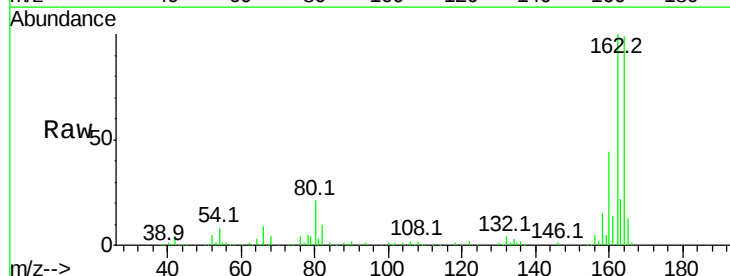
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 EO-01-080317-B

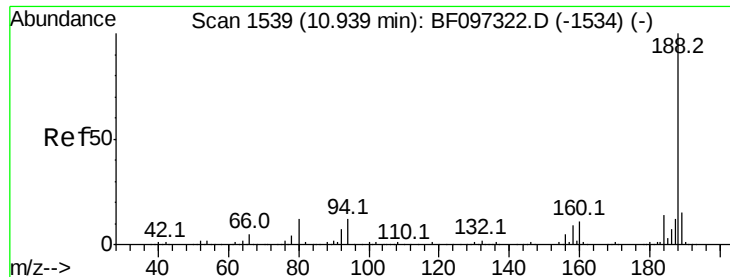
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.9	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.890 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.24 min
 Lab File: BF097466.D
 Acq: 8 Aug 2017 13:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

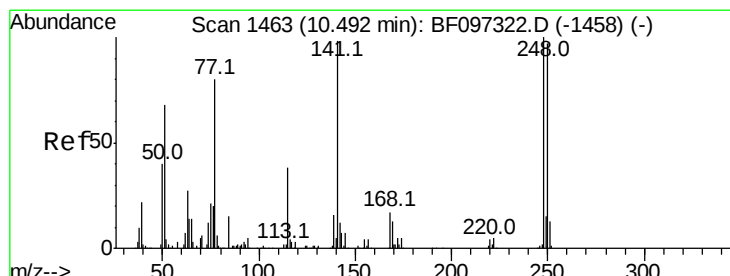
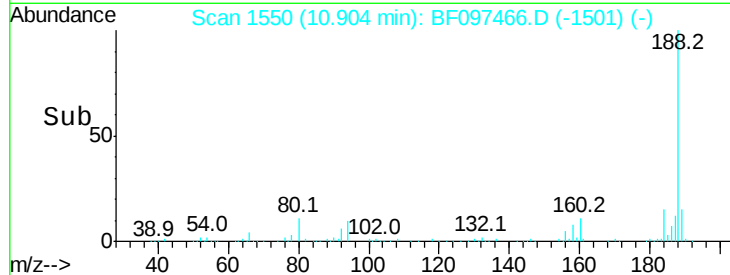
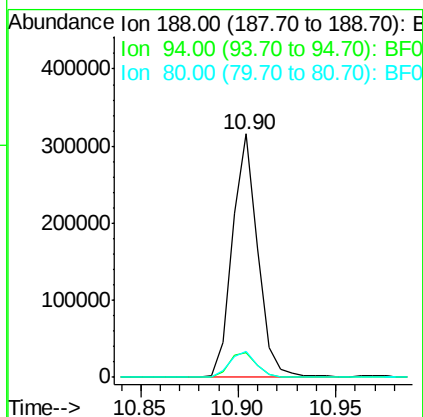
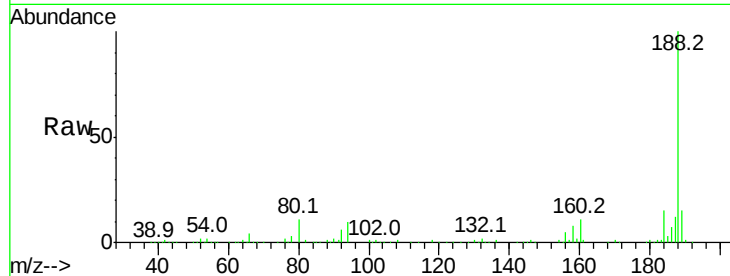




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.90 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF097466.D
 Acq: 8 Aug 2017 13:44

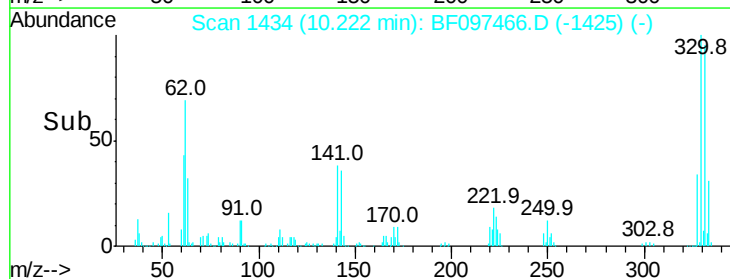
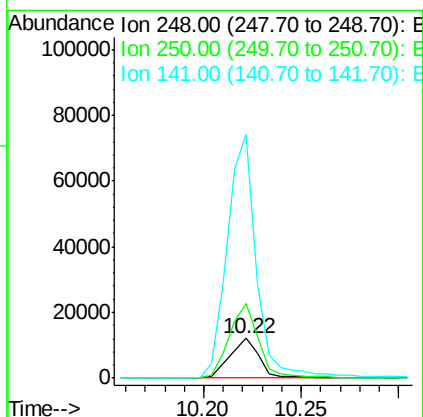
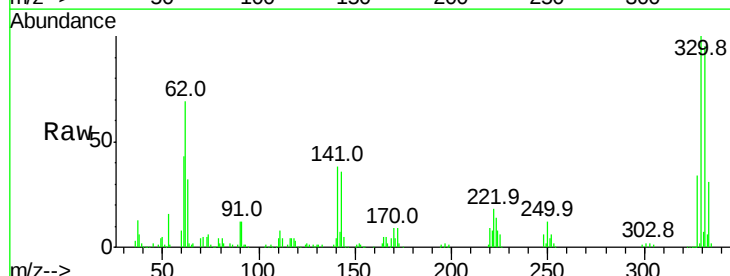
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080317-B

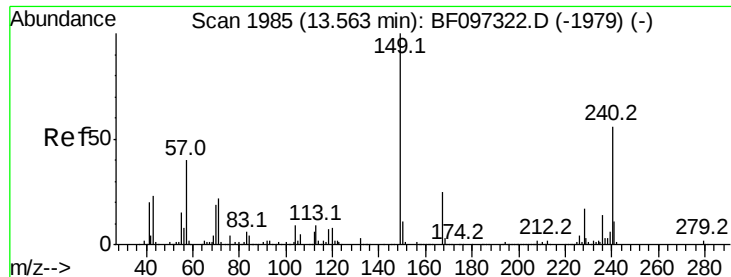
Tot Ion:188 Resp: 283849
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.5 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 4.494 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF097466.D
 Acq: 8 Aug 2017 13:44

Tgt Ion:248 Resp: 12730
 Ion Ratio Lower Upper
 248 100
 250 187.5 76.8 115.2#
 141 608.5 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF097466.D

Acq: 8 Aug 2017 13:44

Instrument :

BNA_F

ClientSampleId :

EO-01-080317-B

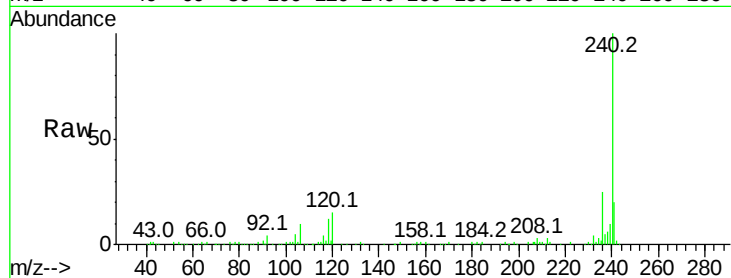
Tot Ion:240 Resp: 206963

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

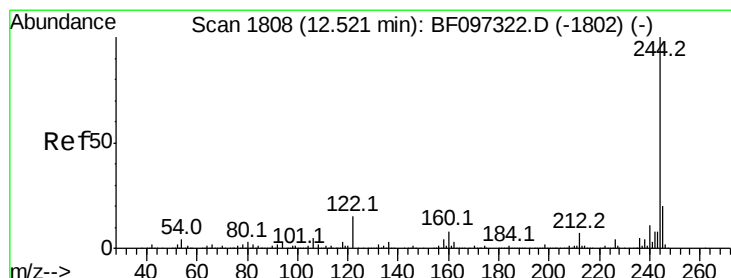
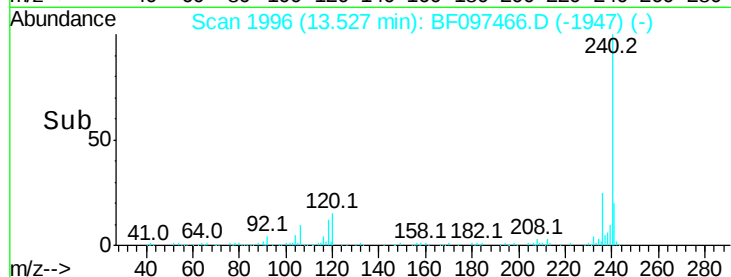
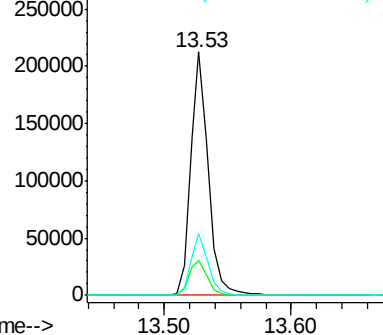
236 25.2 20.5 30.7



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: 75.511 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097466.D

Acq: 8 Aug 2017 13:44

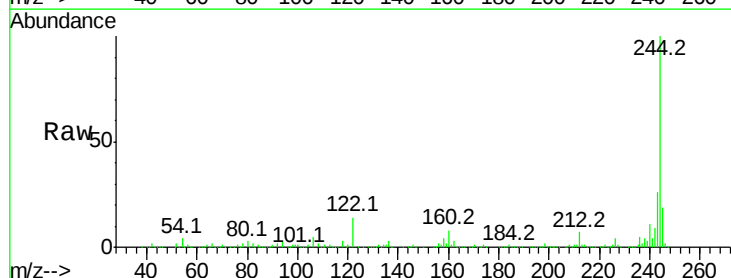
Tgt Ion:244 Resp: 766511

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

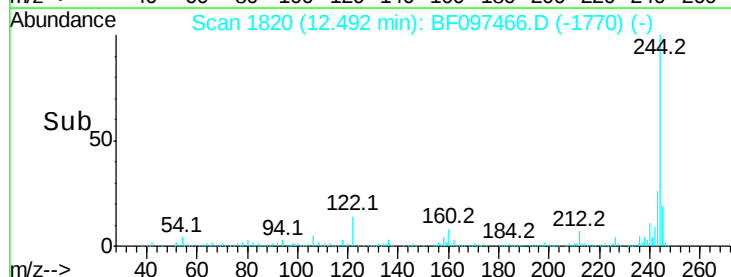
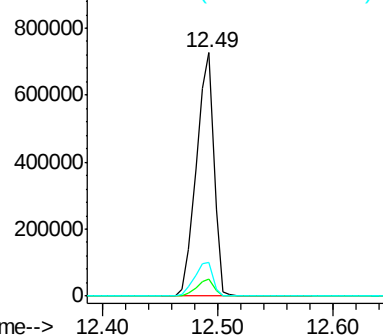
122 13.8 10.3 15.5

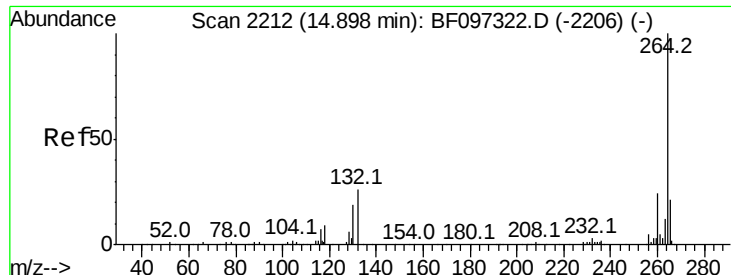


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

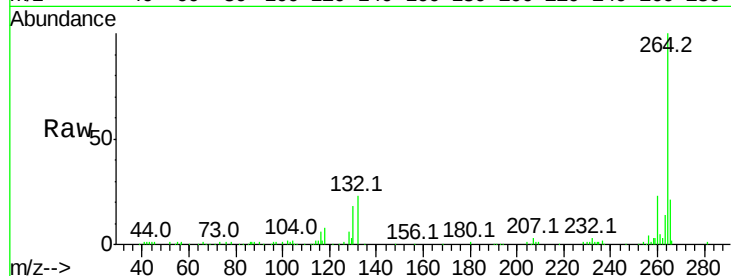




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097466.D
 Acq: 8 Aug 2017 13:44

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080317-B

Tot Ion: 264 Resp: 148676
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.3 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

