

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097363.D
 Acq On : 4 Aug 2017 18:42
 Operator : SJ/JU
 Sample : PB101182BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 22:59:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

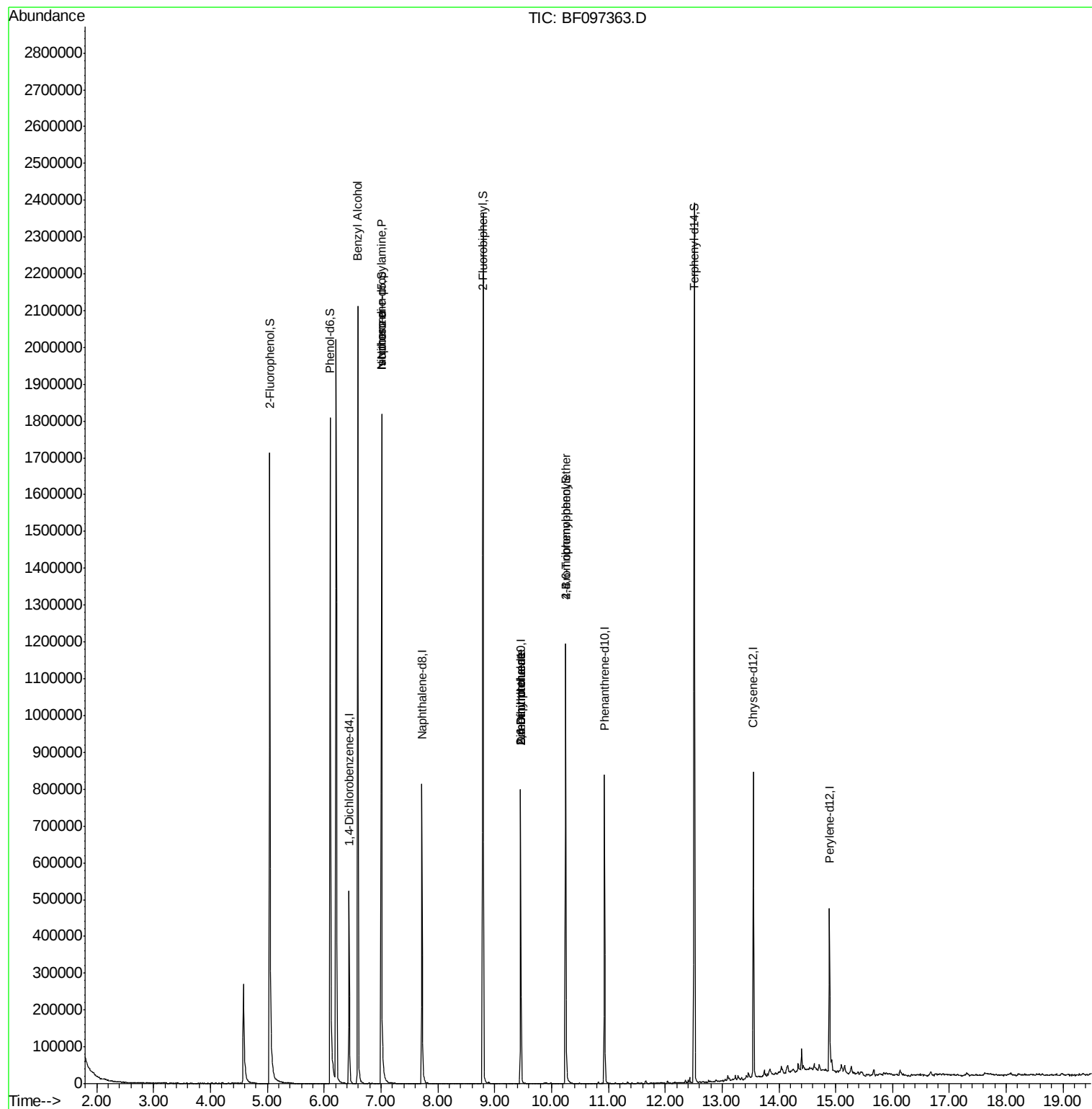
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	92497	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	417816	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	173658	20.00	ng	-0.08
63) Phenanthrene-d10	10.93	188	306589	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	260956	20.00	ng	-0.08
86) Perylene-d12	14.89	264	183601	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	560662	91.38	ng	-0.06
7) Phenol-d6	6.10	99	684278	97.69	ng	-0.06
23) Nitrobenzene-d5	7.01	82	622050	87.34	ng	-0.06
41) 2,4,6-Tribromophenol	10.24	330	129107	94.10	ng	-0.08
44) 2-Fluorobiphenyl	8.80	172	919432	89.85	ng	-0.07
78) Terphenyl-d14	12.52	244	797376	62.30	ng	-0.07
Target Compounds						
15) Benzyl Alcohol	6.59	79	9065	2.04	ng	# 38
19) n-Nitroso-di-n-propylamine	7.01	70	82807	17.96	ng	# 88
25) Isophorone	7.01	82	600161	43.03	ng	# 67
49) Dimethylphthalate	9.46	163	50451	3.83	ng	# 1
50) 2,6-Dinitrotoluene	9.46	165	22046	7.88	ng	# 33
56) 2,4-Dinitrotoluene	9.46	165	22046	6.86	ng	# 32
66) 4-Bromophenyl-phenylether	10.24	248	8417	2.75	ng	# 1

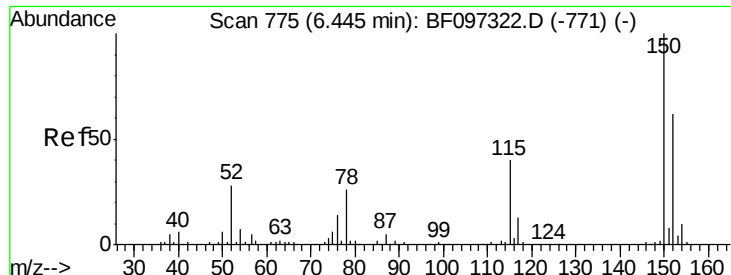
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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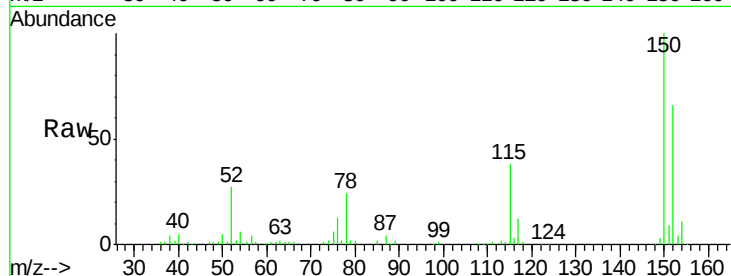


#1

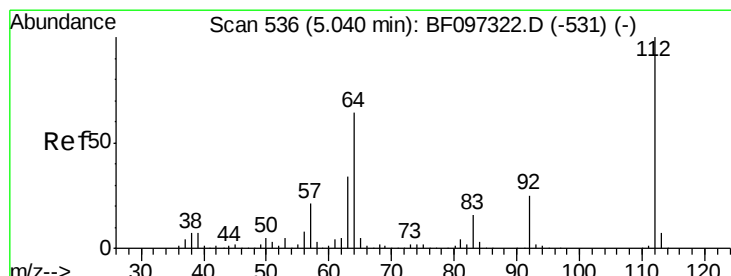
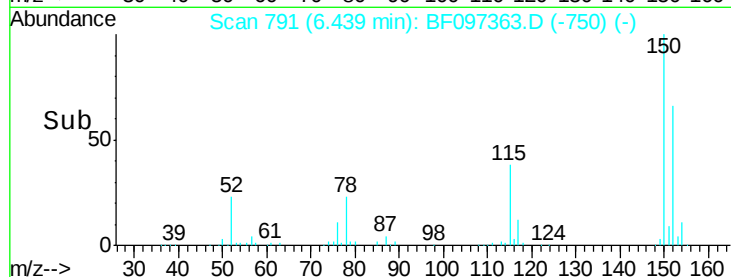
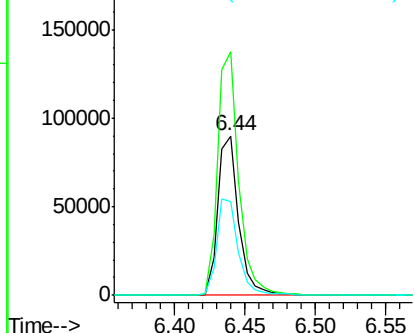
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097363.D
Acq: 4 Aug 2017 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.2	189.2
115	58.7	52.2	78.2



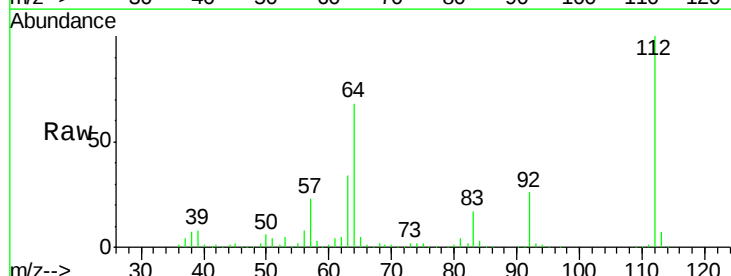
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



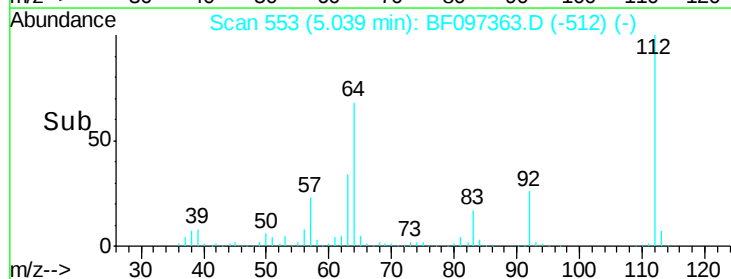
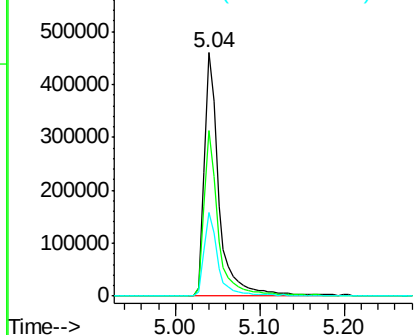
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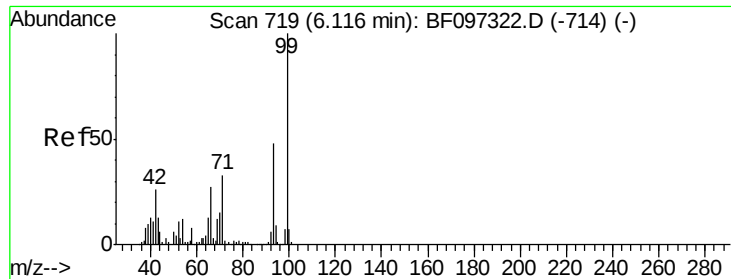
2-Fluorophenol
Concen: 91.38 ng
RT: 5.04 min Scan# 553
Delta R.T. -0.06 min
Lab File: BF097363.D
Acq: 4 Aug 2017 18:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	46.0	69.0
63	34.3	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: 97.69 ng

RT: 6.10 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF097363.D

Acq: 4 Aug 2017 18:42

Instrument :

BNA_F

ClientSampleId :

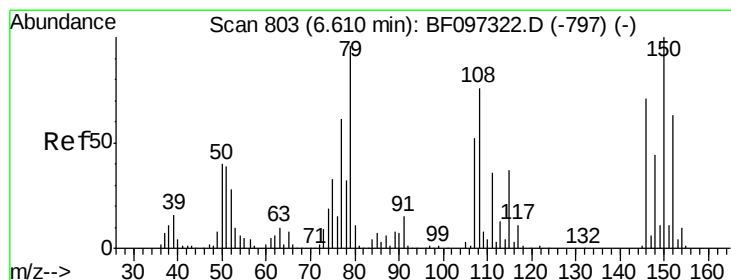
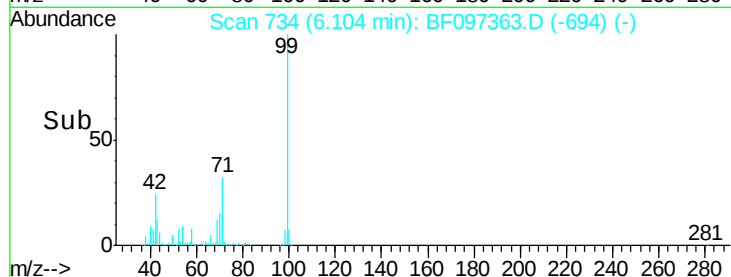
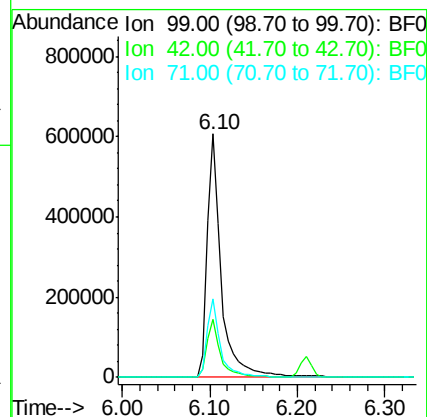
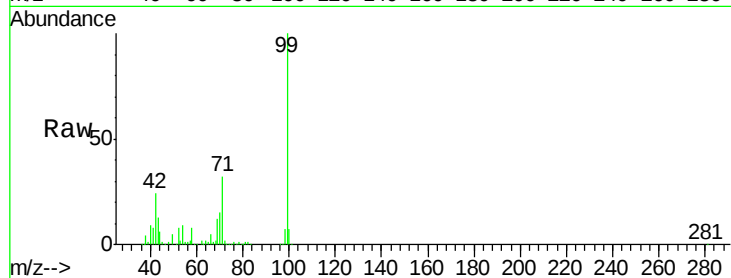
Tot Ion: 99 Resp: 684278

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

71 32.4 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.59 min Scan# 817

Delta R.T. -0.07 min

Lab File: BF097363.D

Acq: 4 Aug 2017 18:42

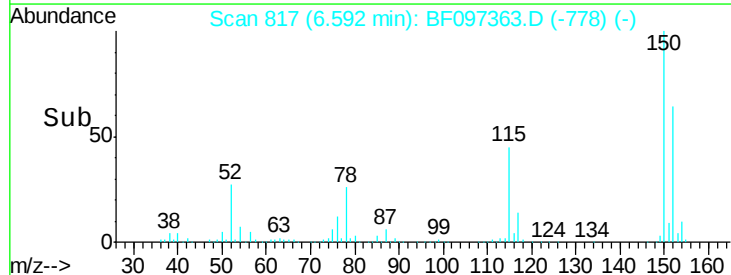
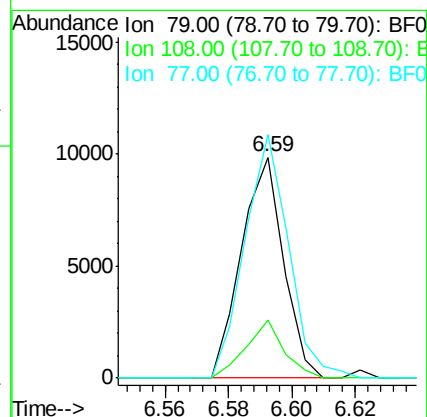
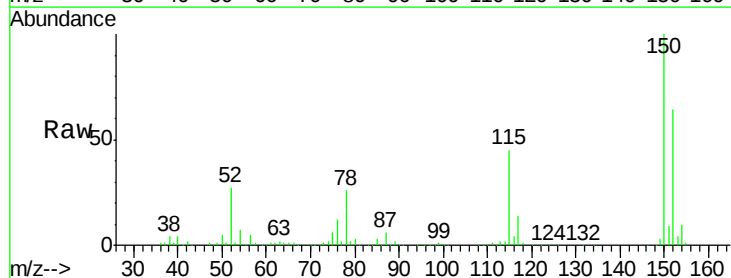
Tgt Ion: 79 Resp: 9065

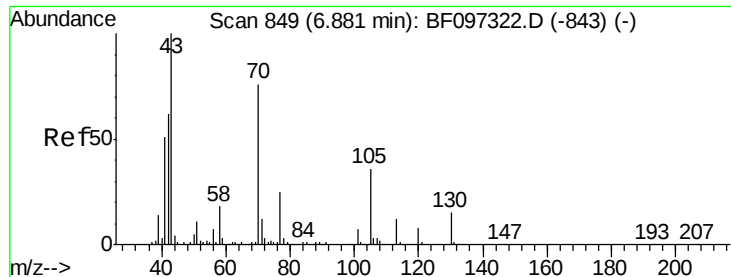
Ion Ratio Lower Upper

79 100

108 26.4 63.4 95.0#

77 110.1 49.2 73.8#

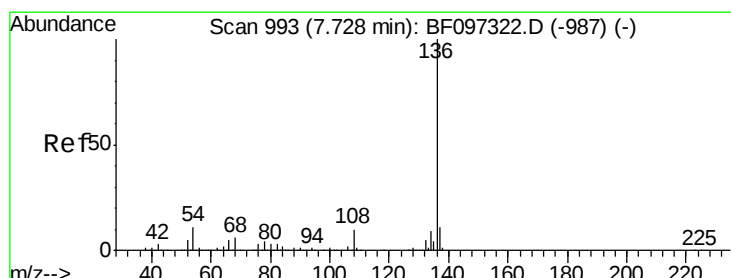
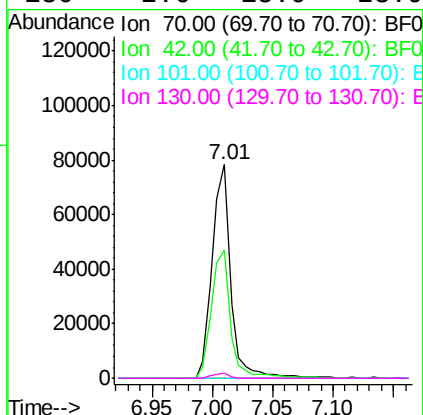
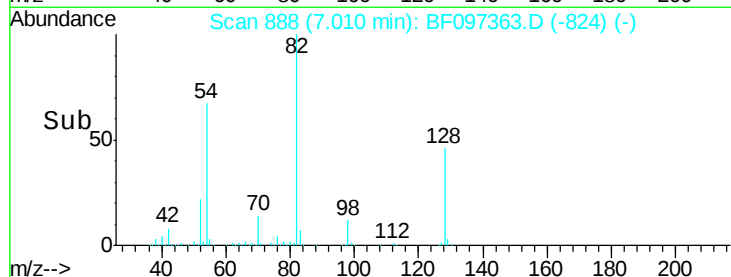
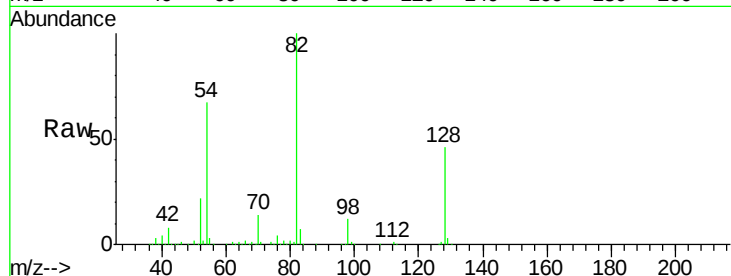




#19
n-Nitroso-di-n-propylamine
Concen: 17.96 ng
RT: 7.01 min Scan# 888
Delta R.T. 0.08 min
Lab File: BF097363.D
Acq: 4 Aug 2017 18:42

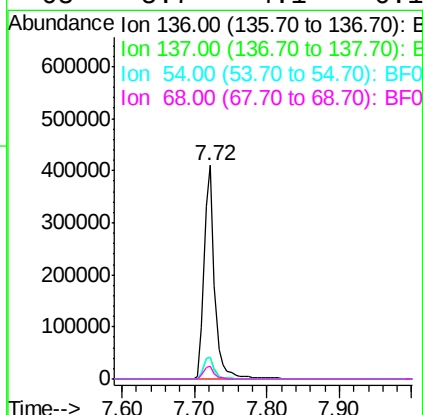
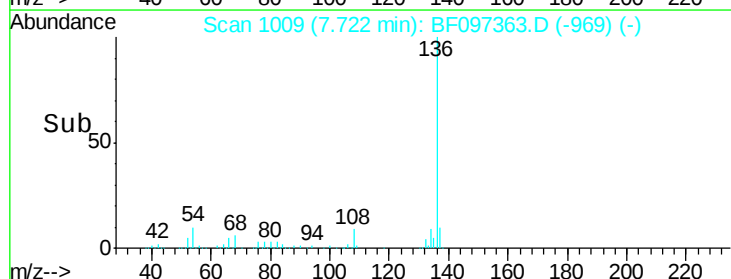
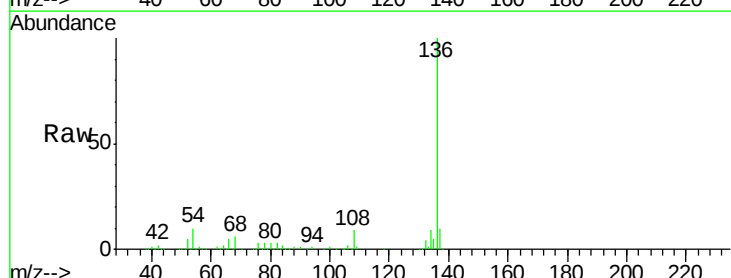
Instrument :
BNA_F
ClientSampleID :

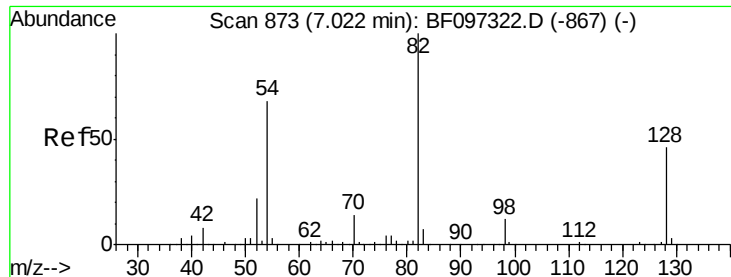
Tot Ion: 70 Resp: 82807
Ion Ratio Lower Upper
70 100
42 60.0 47.2 70.8
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.72 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF097363.D
Acq: 4 Aug 2017 18:42

Tgt Ion: 136 Resp: 417816
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 9.9 4.9 7.3#
68 5.7 4.1 6.1

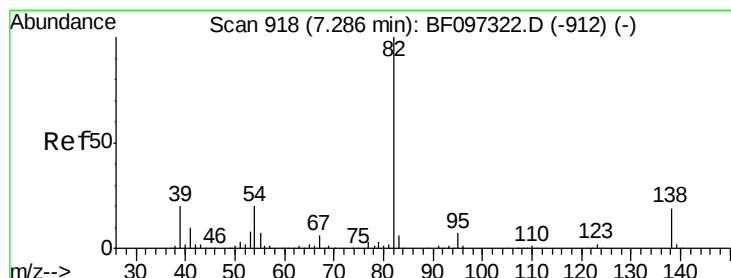
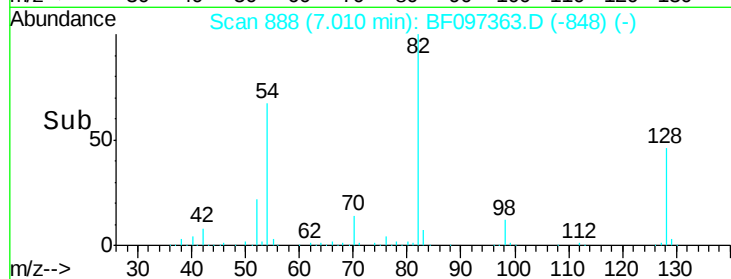
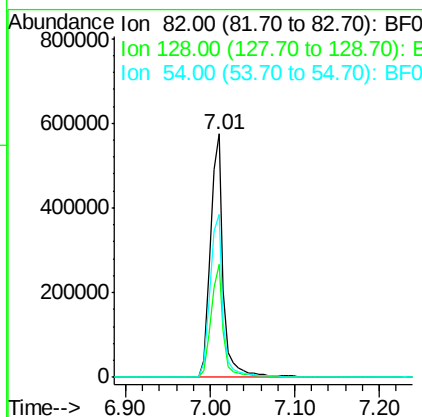
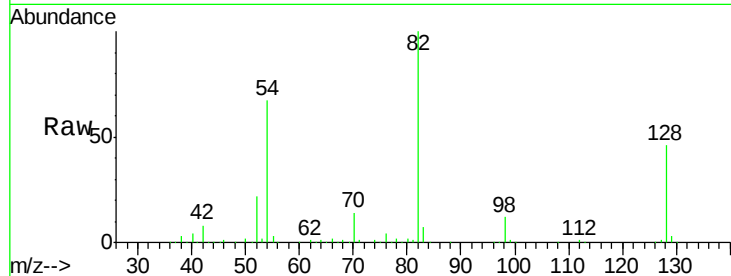




#23
 Nitrobenzene-d5
 Concen: 87.34 ng
 RT: 7.01 min Scan# 888
 Delta R.T. -0.06 min
 Lab File: BF097363.D
 Acq: 4 Aug 2017 18:42

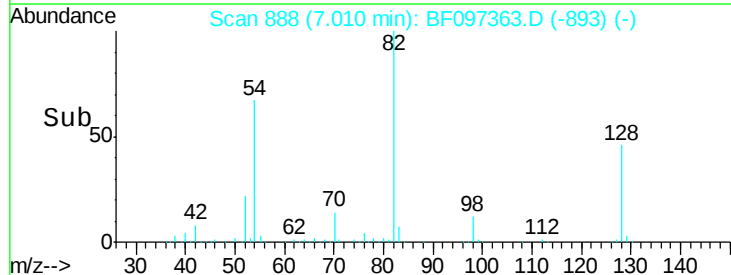
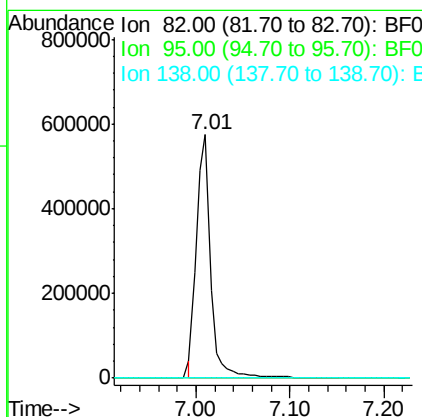
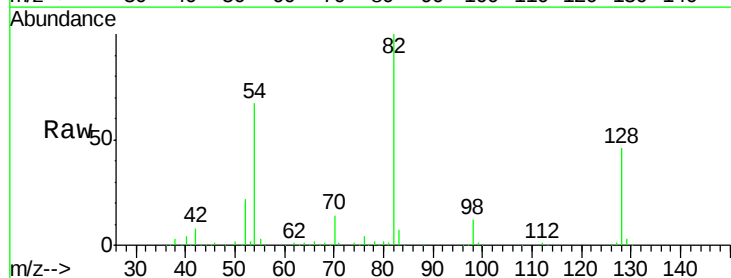
Instrument :
 BNA_F
 ClientSampleId :

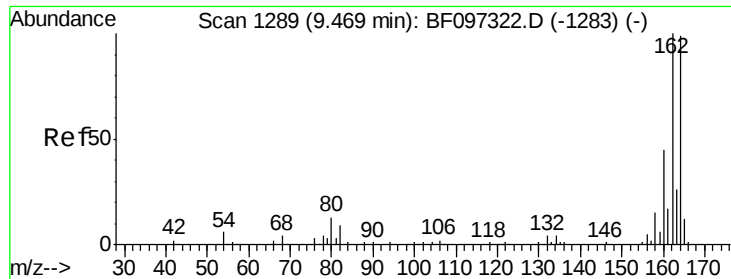
Tot Ion: 82 Resp: 622050
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 66.9 42.2 63.2#



#25
 Isophorone
 Concen: 43.03 ng
 RT: 7.01 min Scan# 888
 Delta R.T. -0.33 min
 Lab File: BF097363.D
 Acq: 4 Aug 2017 18:42

Tgt Ion: 82 Resp: 600161
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

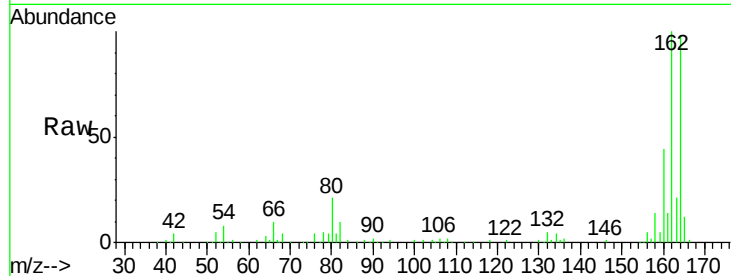




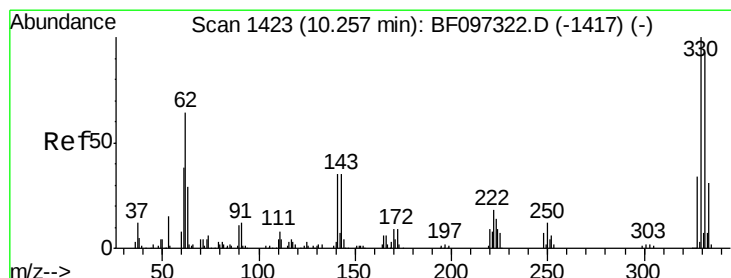
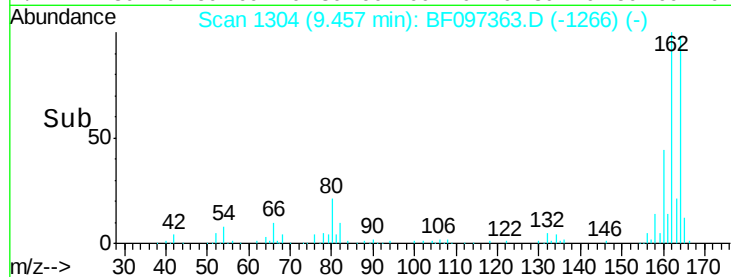
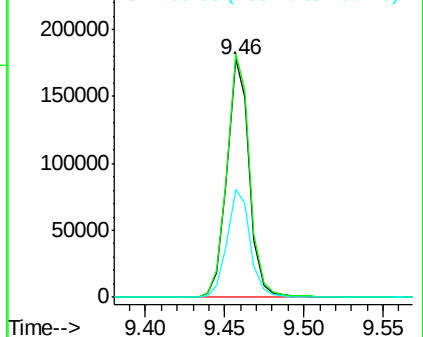
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.46 min Scan# 1304
 Delta R.T. -0.08 min
 Lab File: BF097363.D
 Acq: 4 Aug 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 173658
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 123.8
 160 45.5 36.2 54.2

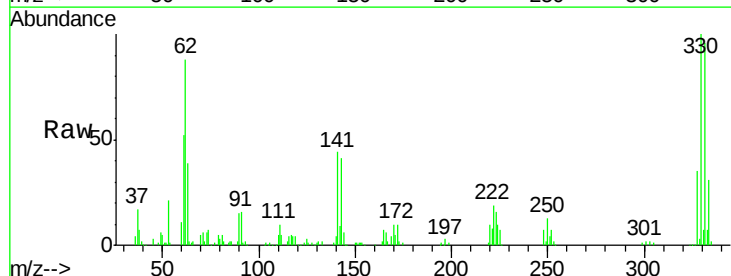


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

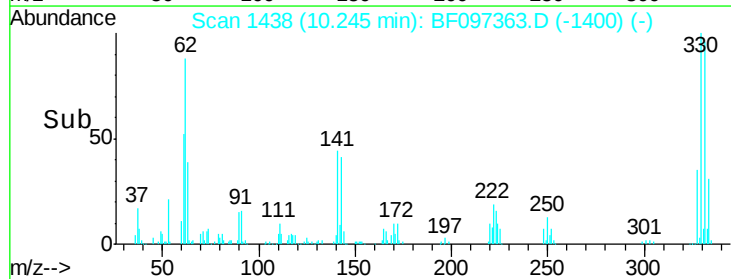
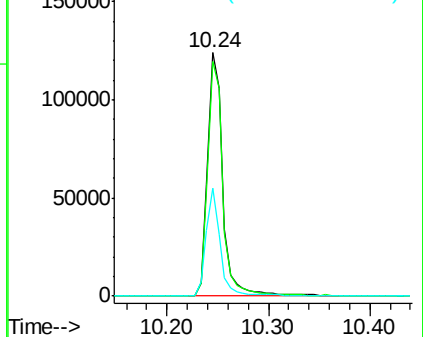


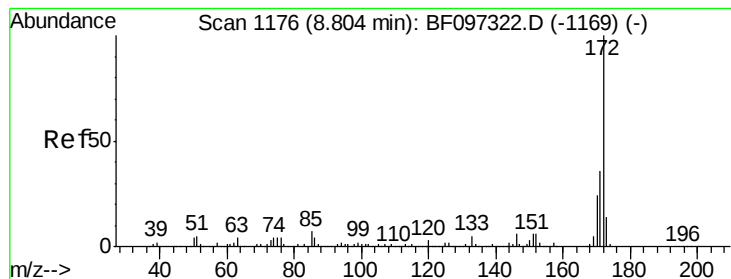
#41
 2,4,6-Tribromophenol
 Concen: 94.10 ng
 RT: 10.24 min Scan# 1438
 Delta R.T. -0.08 min
 Lab File: BF097363.D
 Acq: 4 Aug 2017 18:42

Tgt Ion:330 Resp: 129107
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 40.3 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

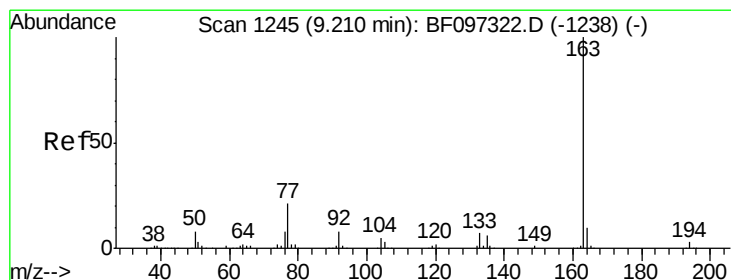
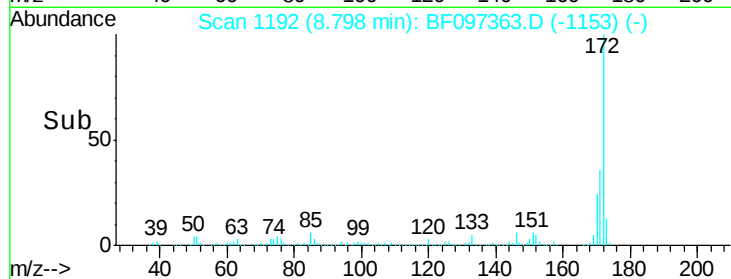
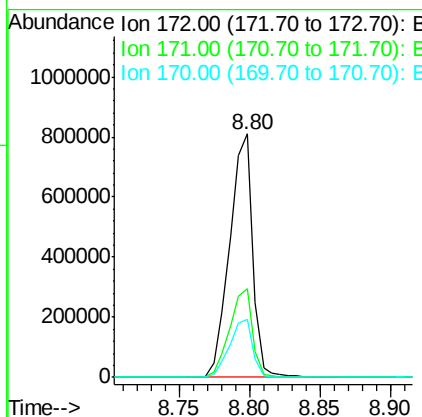
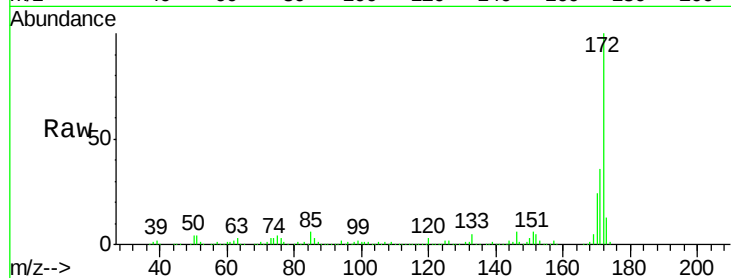




#44
 2-Fluorobiphenyl
 Concen: 89.85 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.07 min
 Lab File: BF097363.D
 Acq: 4 Aug 2017 18:42

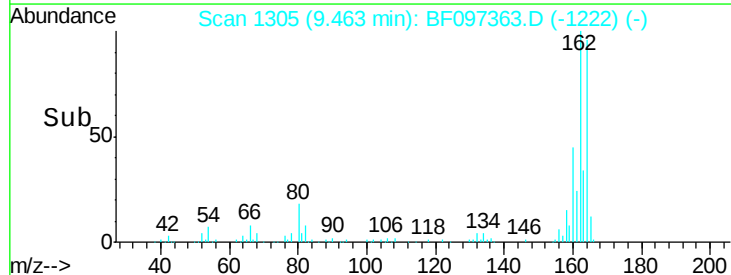
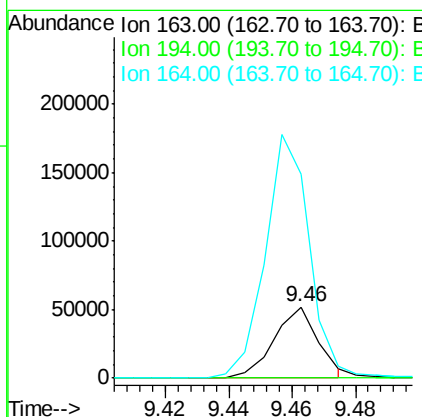
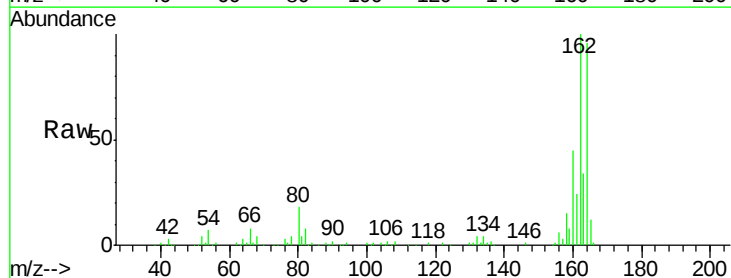
Instrument :
 BNA_F
 ClientSampled :

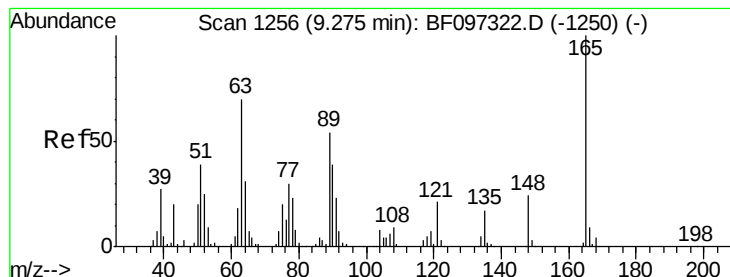
Tot Ion:172 Resp: 919432
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.9 19.8 29.8



#49
 Dimethylphthalate
 Concen: 3.83 ng
 RT: 9.46 min Scan# 1305
 Delta R.T. 0.19 min
 Lab File: BF097363.D
 Acq: 4 Aug 2017 18:42

Tgt Ion:163 Resp: 50451
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.6 4.0#
 164 286.3 8.4 12.6#





#50

2,6-Dinitrotoluene

Concen: 7.88 ng

RT: 9.46 min Scan# 1304

Delta R.T. 0.12 min

Lab File: BF097363.D

Acq: 4 Aug 2017 18:42

Instrument :

BNA_F

ClientSampleId :

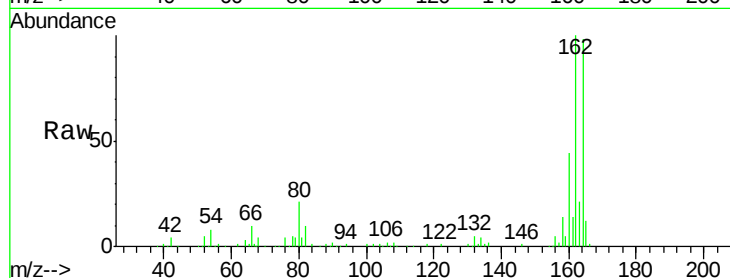
Tot Ion:165 Resp: 22046

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

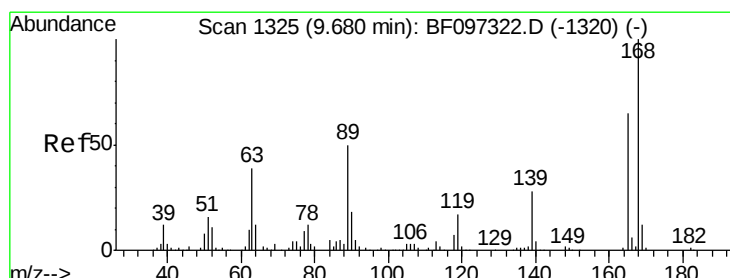
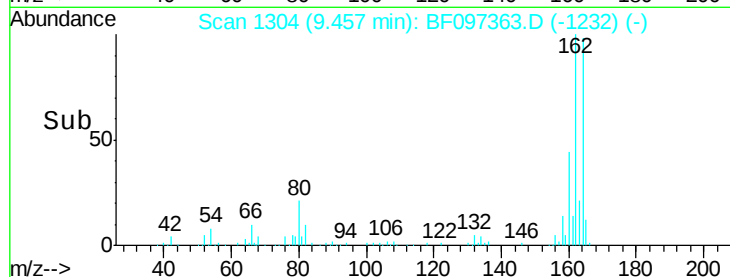
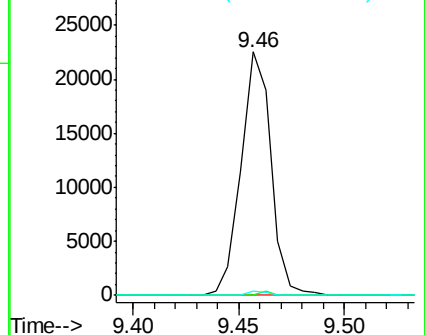
89 1.8 37.1 55.7#



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



#56

2,4-Dinitrotoluene

Concen: 6.86 ng

RT: 9.46 min Scan# 1304

Delta R.T. -0.28 min

Lab File: BF097363.D

Acq: 4 Aug 2017 18:42

Tgt Ion:165 Resp: 22046

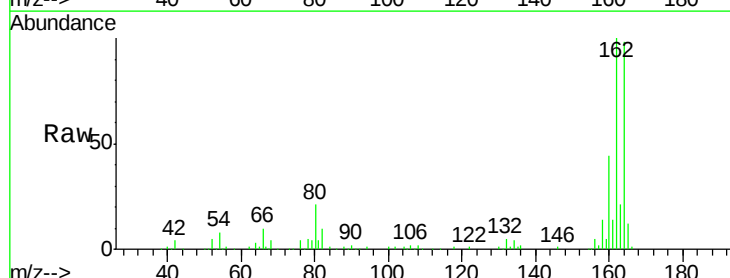
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.8 46.4 69.6#

182 0.0 1.8 2.6#

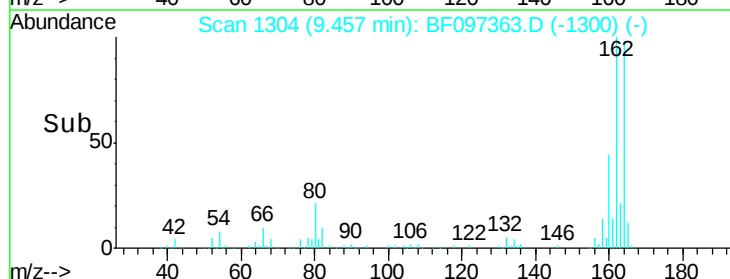
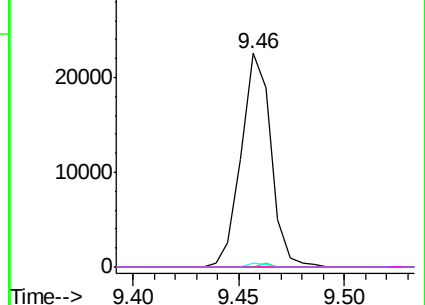


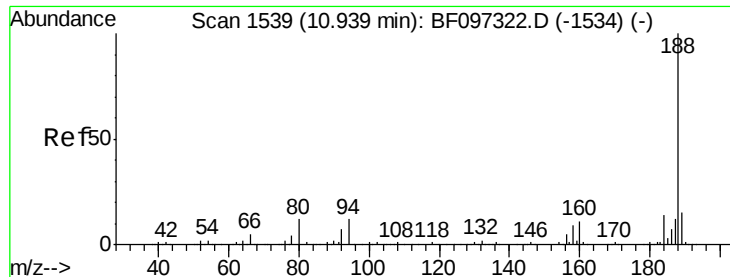
Abundance Ion 165.00 (164.70 to 165.70): E

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

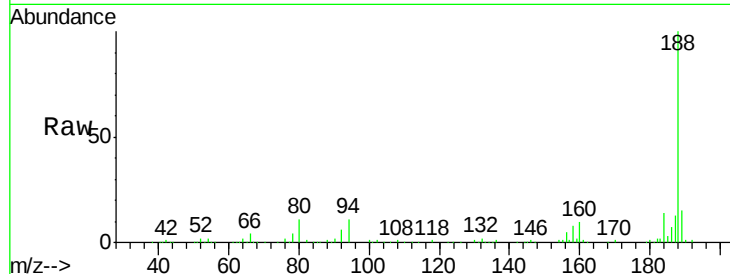




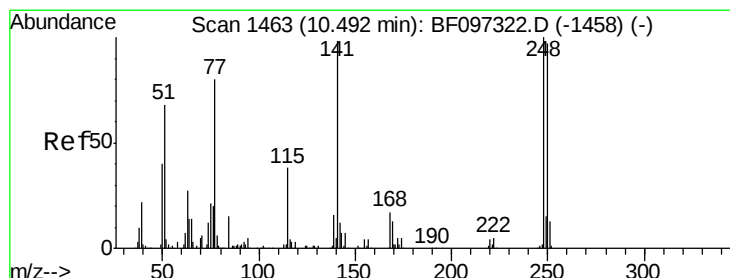
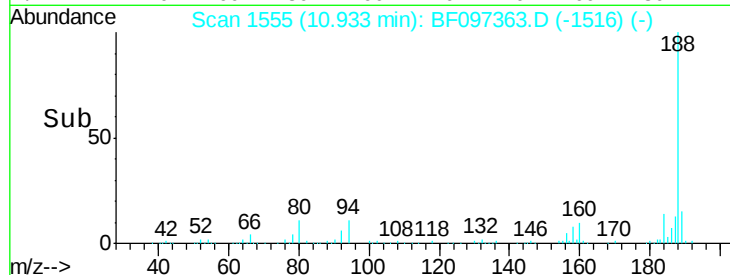
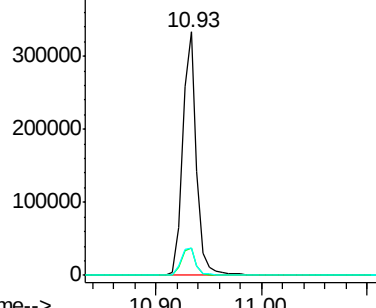
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097363.D
Acq: 4 Aug 2017 18:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 306589
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.5 10.2 15.2

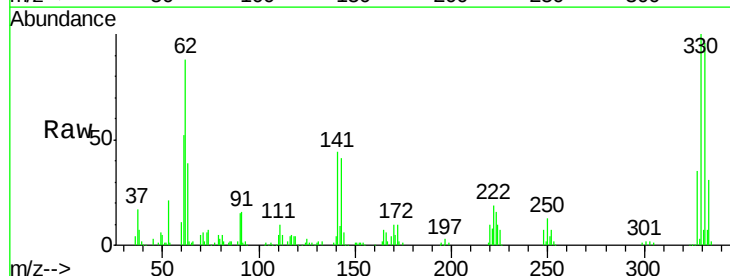


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

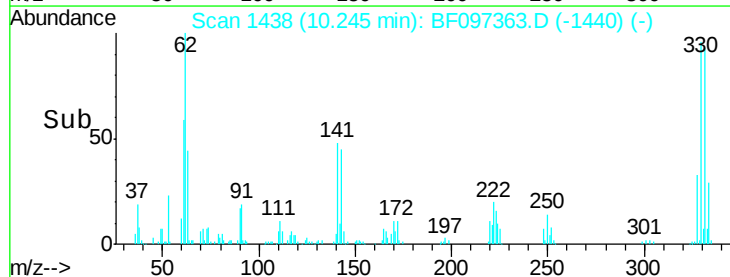
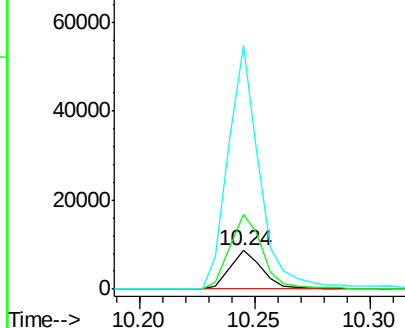


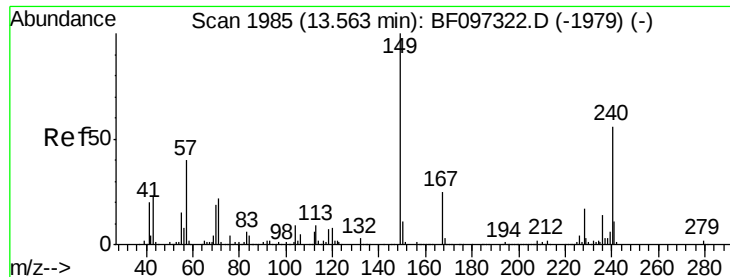
#66
4-Bromophenyl-phenylether
Concen: 2.75 ng
RT: 10.24 min Scan# 1438
Delta R.T. -0.31 min
Lab File: BF097363.D
Acq: 4 Aug 2017 18:42

Tgt Ion:248 Resp: 8417
Ion Ratio Lower Upper
248 100
250 194.1 76.8 115.2#
141 634.0 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: 13.55 min Scan# 2000

Delta R.T. -0.08 min

Lab File: BF097363.D

Acq: 4 Aug 2017 18:42

Instrument :

BNA_F

ClientSampleId :

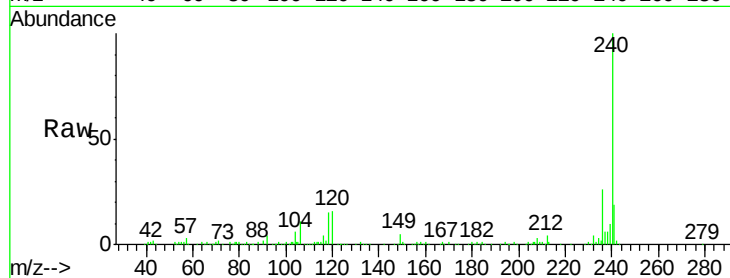
Tot Ion:240 Resp: 260956

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

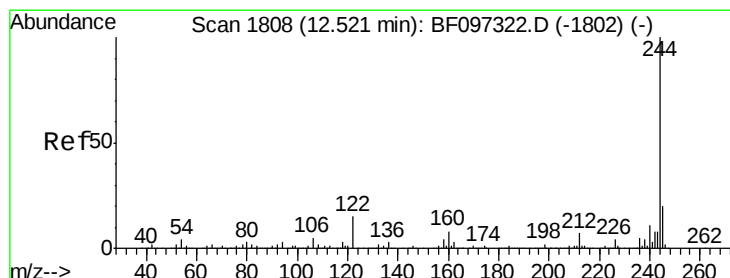
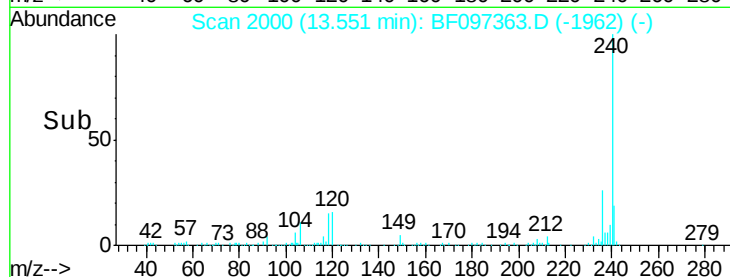
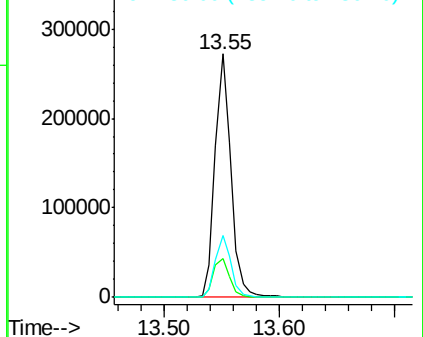
236 25.6 20.5 30.7



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: 62.30 ng

RT: 12.52 min Scan# 1824

Delta R.T. -0.07 min

Lab File: BF097363.D

Acq: 4 Aug 2017 18:42

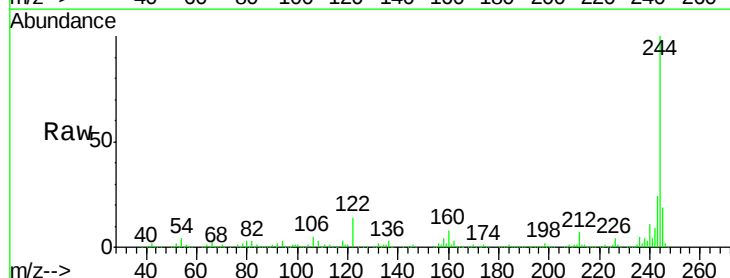
Tgt Ion:244 Resp: 797376

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

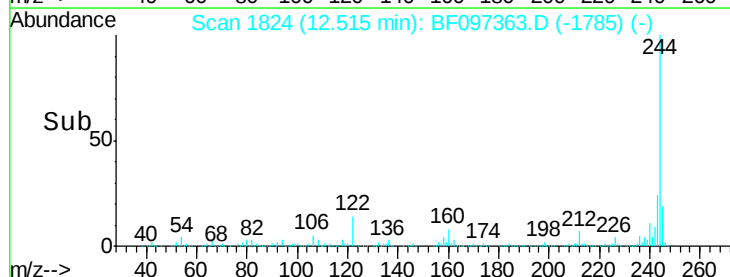
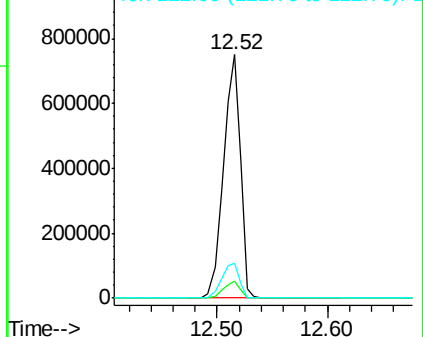
122 14.4 10.3 15.5

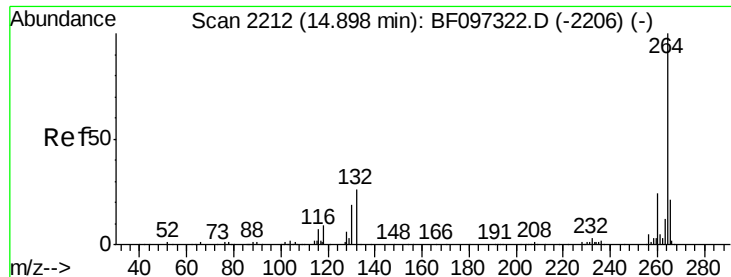


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

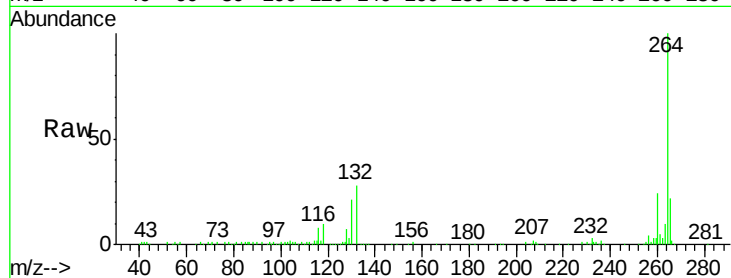




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097363.D
Acq: 4 Aug 2017 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.7	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

