

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098097.D
 Acq On : 29 Aug 2017 6:07
 Operator : SJ/JU
 Sample : I4954-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 347-COMP

Quant Time: Aug 29 09:32:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

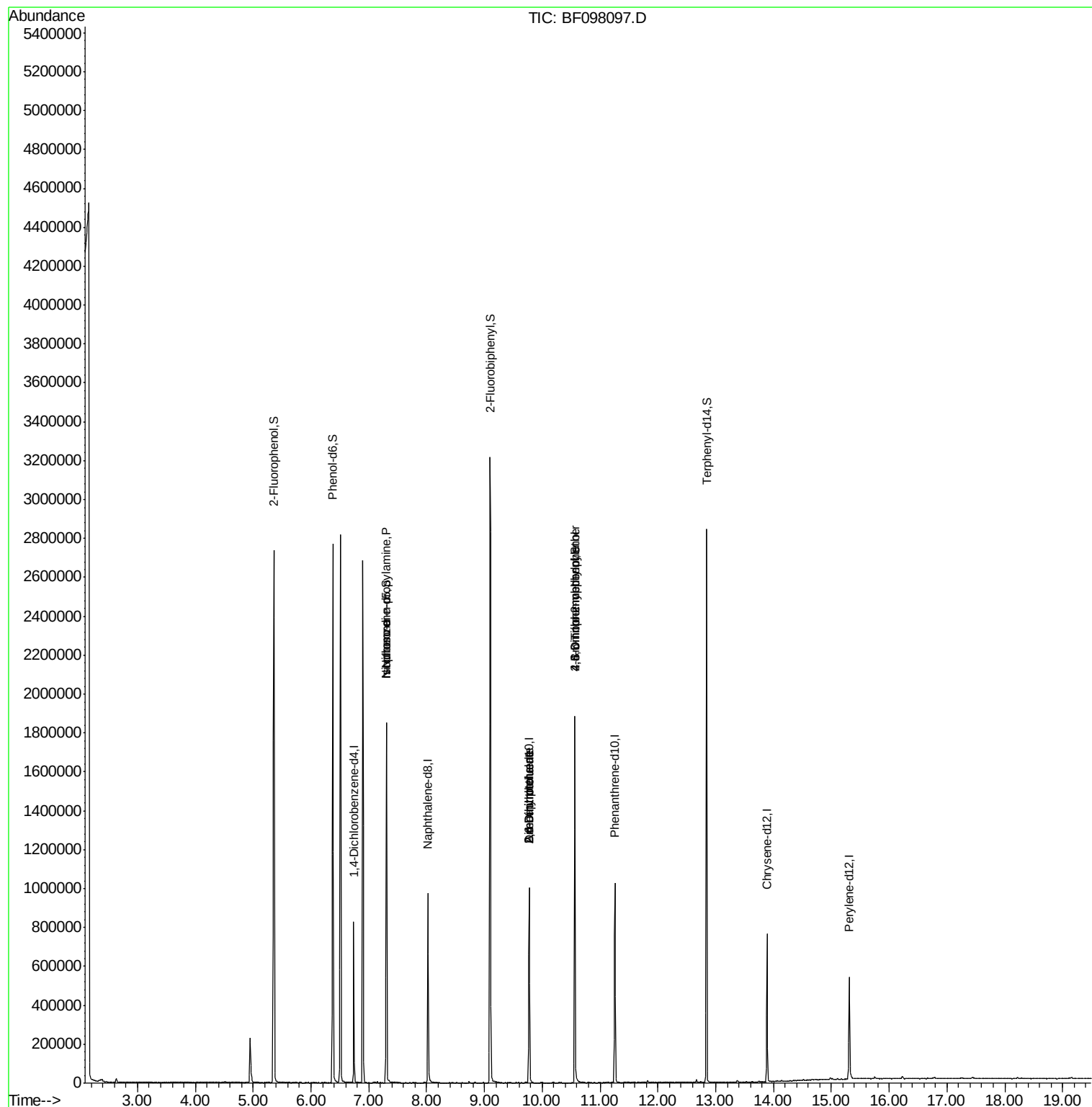
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108986	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	429457	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	187975	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	357354	20.00	ng	0.00
75) Chrysene-d12	13.89	240	261396	20.00	ng	-0.01
86) Perylene-d12	15.31	264	249364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	854313	119.23	ng	0.00
7) Phenol-d6	6.38	99	1056546	108.53	ng	0.00
23) Nitrobenzene-d5	7.30	82	761648	96.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	225818	138.45	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1118998	87.46	ng	-0.01
78) Terphenyl-d14	12.84	244	903226	72.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	102511	15.382	ng	# 71
25) Isophorone	7.30	82	752560	45.781	ng	# 67
49) Dimethylphthalate	9.77	163	48502	3.530	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	22929	8.360	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	22929	6.662	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	527	8.579	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	14725	3.968	ng	# 1

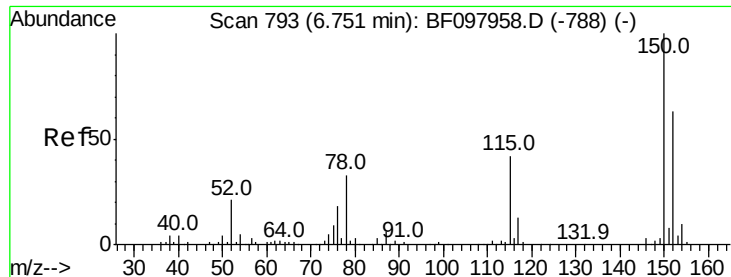
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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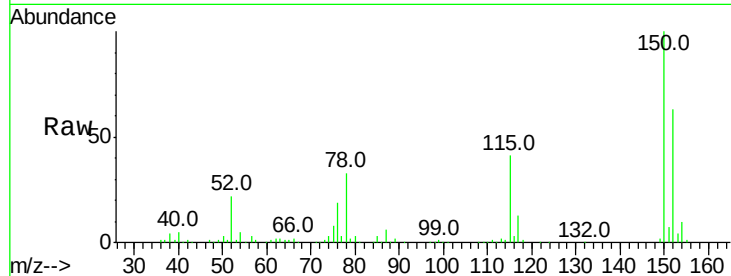


#1

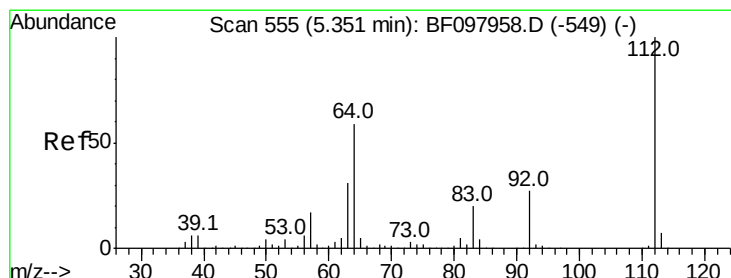
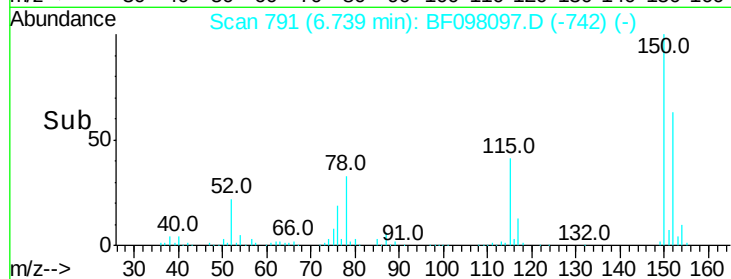
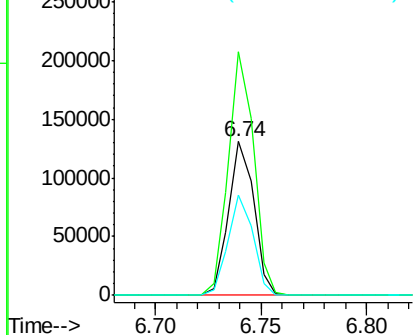
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098097.D
Acq: 29 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
347-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	65.8	52.2	78.2



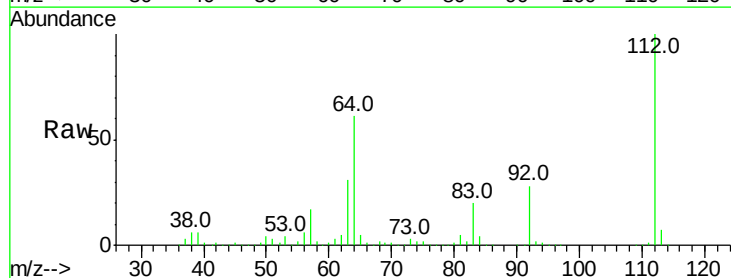
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



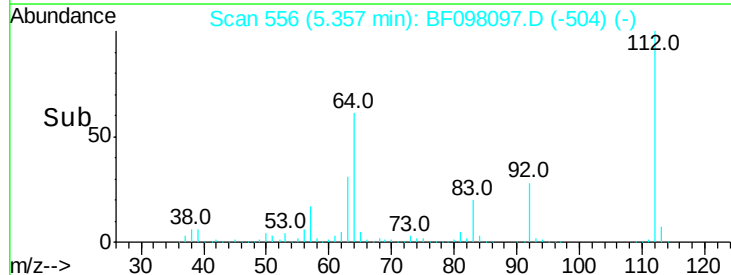
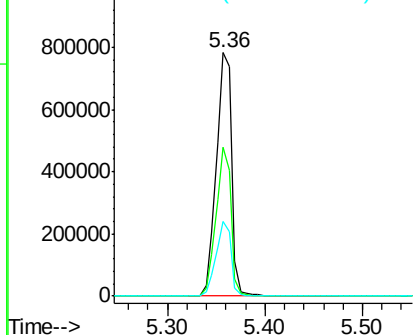
#5

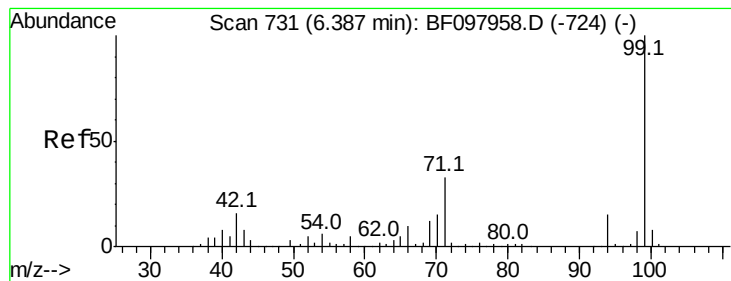
2-Fluorophenol
Concen: 119.233 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098097.D
Acq: 29 Aug 2017 6:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	46.0	69.0
63	30.8	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: 108.528 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098097.D

Acq: 29 Aug 2017 6:07

Instrument :

BNA_F

ClientSampleId :

347-COMP

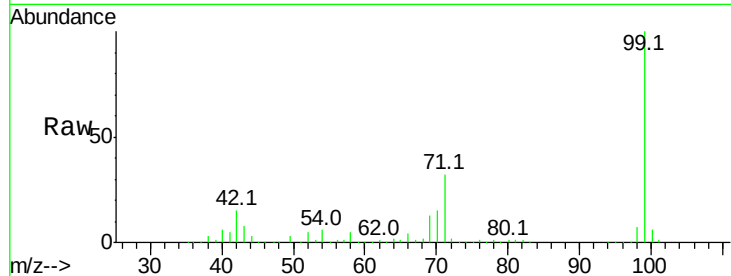
Tot Ion: 99 Resp: 1056546

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

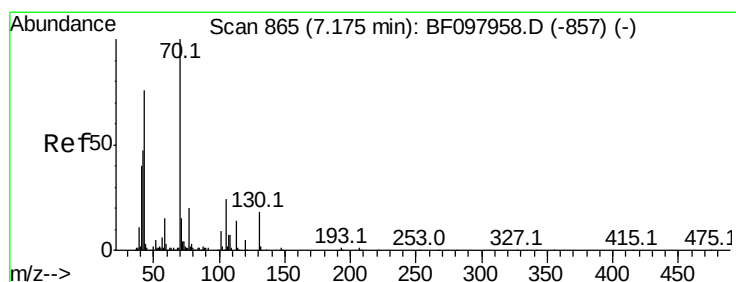
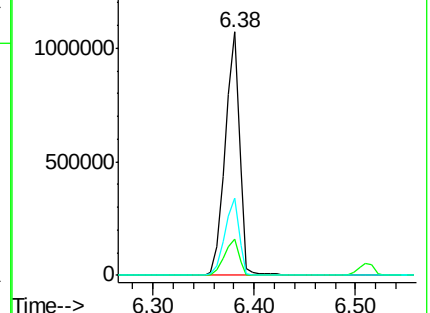
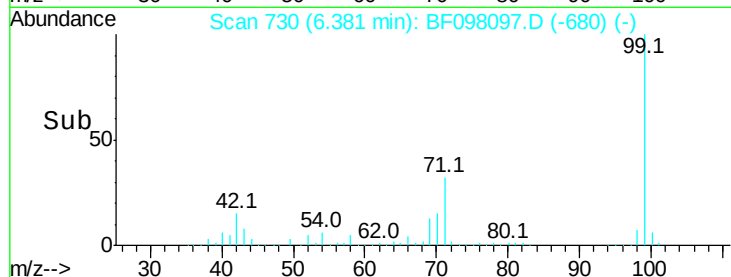
71 31.9 24.5 36.7



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: 15.382 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098097.D

Acq: 29 Aug 2017 6:07

Tgt Ion: 70 Resp: 102511

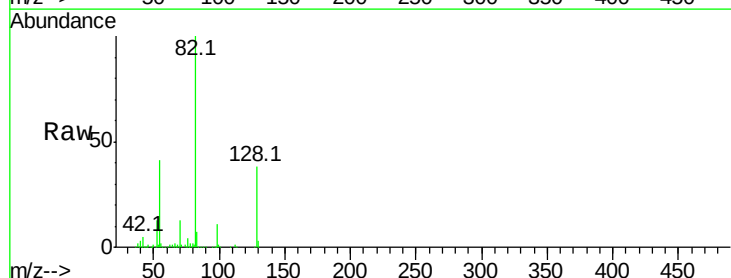
Ion Ratio Lower Upper

70 100

42 39.7 47.2 70.8#

101 0.0 7.2 10.8#

130 1.6 15.9 23.9#

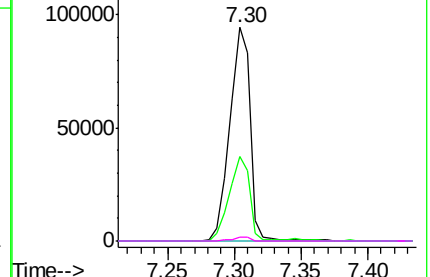
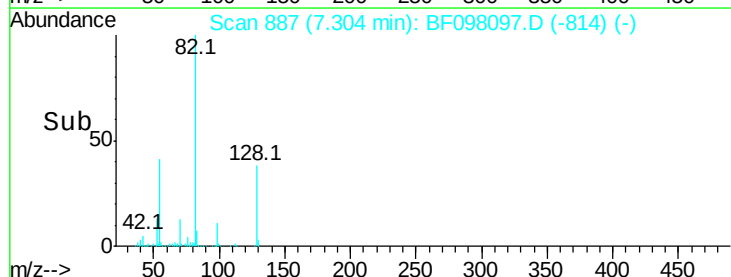


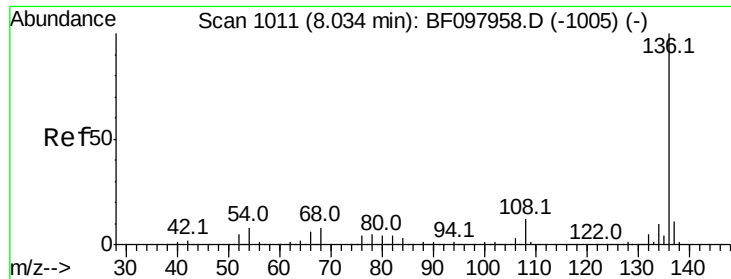
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

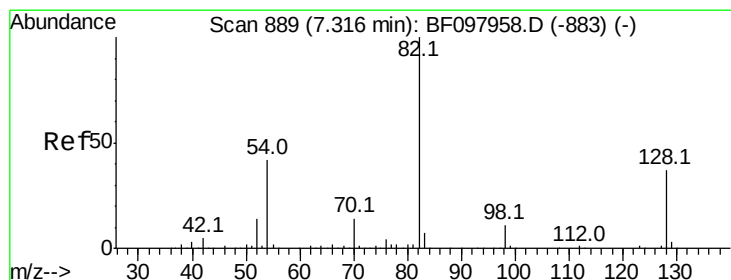
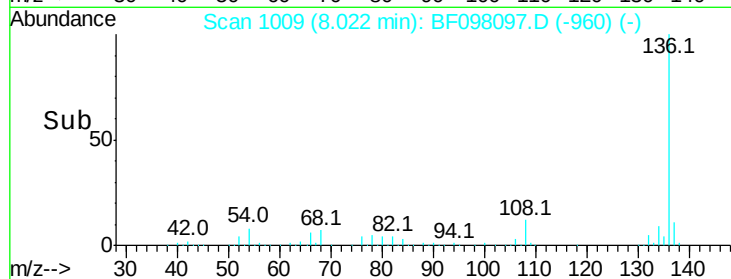
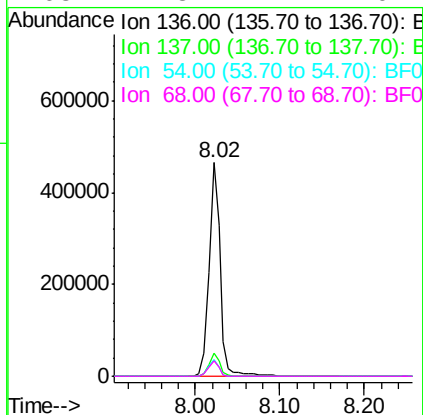
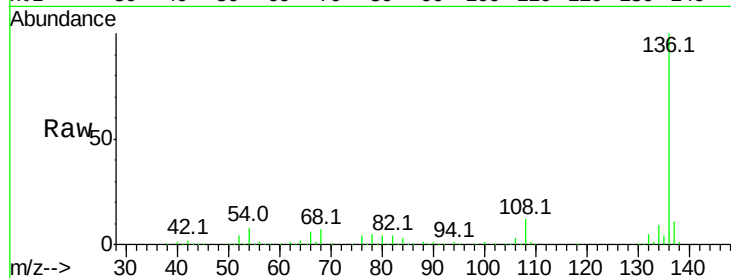




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098097.D
Acq: 29 Aug 2017 6:07

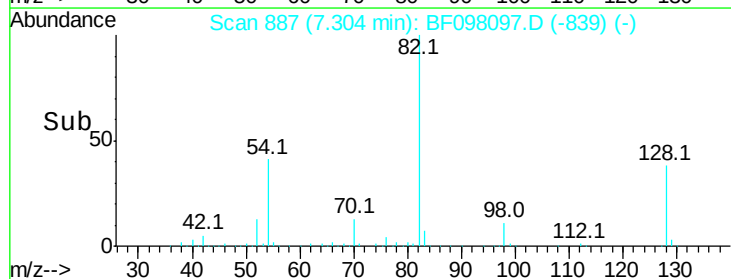
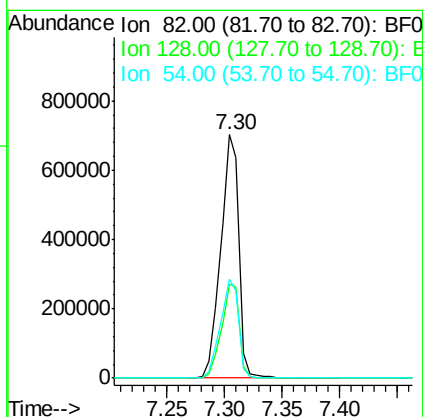
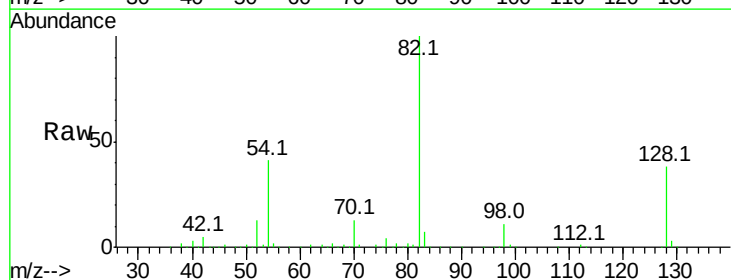
Instrument :
BNA_F
ClientSampleId :
347-COMP

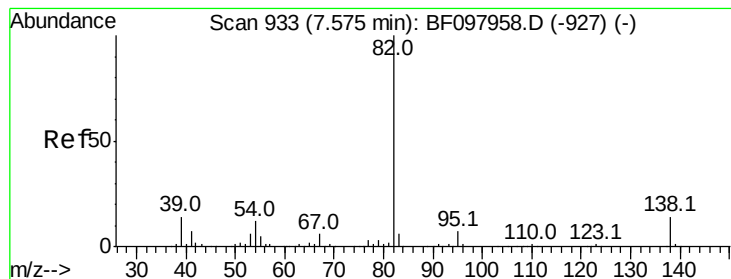
Tot Ion:	136	Resp:	429457
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.9	4.9	7.3#
68	7.3	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 96.345 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098097.D
Acq: 29 Aug 2017 6:07

Tgt Ion:	82	Resp:	761648
Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.0	51.0
54	40.9	42.2	63.2#





#25

Isophorone

Concen: 45.781 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098097.D

Acq: 29 Aug 2017 6:07

Instrument :

BNA_F

ClientSampleId :

347-COMP

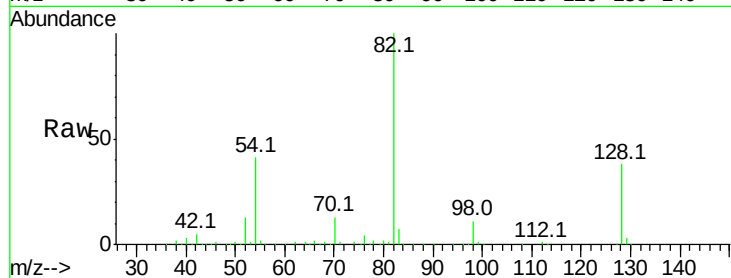
Tot Ion: 82 Resp: 752560

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

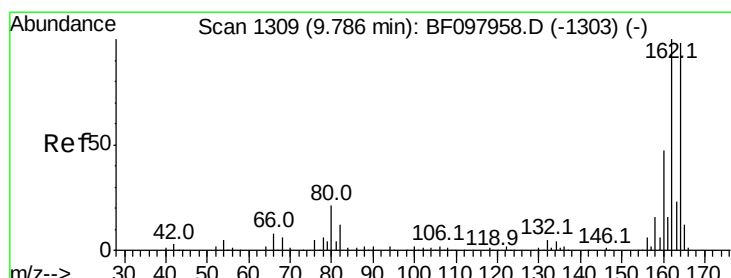
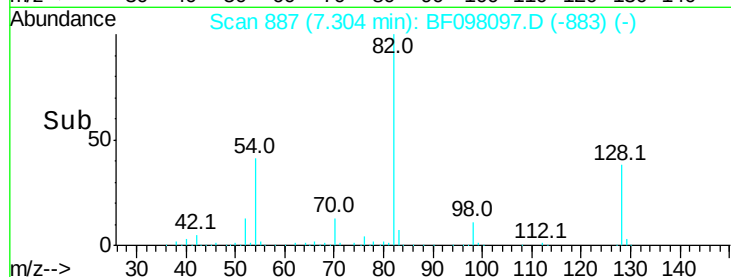
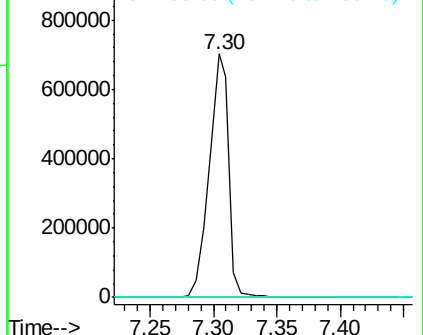
138 0.0 13.1 19.7#



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098097.D

Acq: 29 Aug 2017 6:07

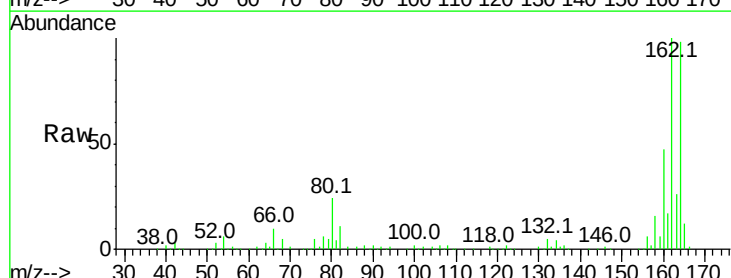
Tgt Ion:164 Resp: 187975

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

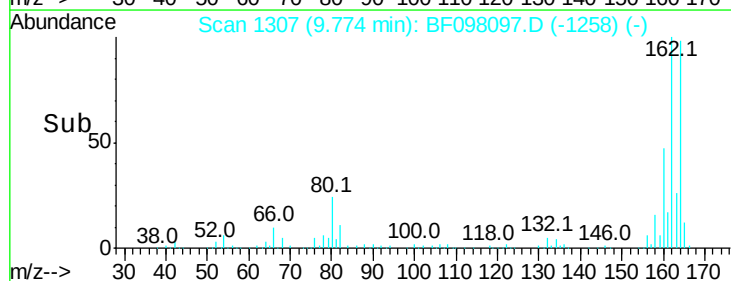
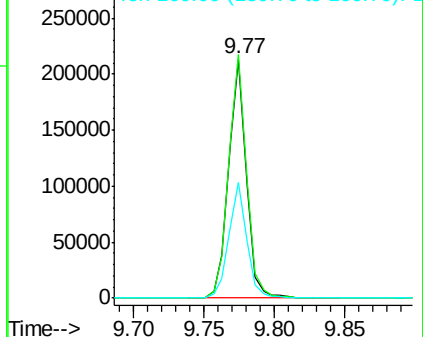
160 48.2 36.2 54.2

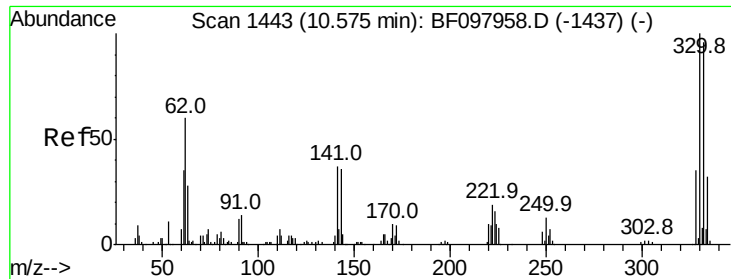


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

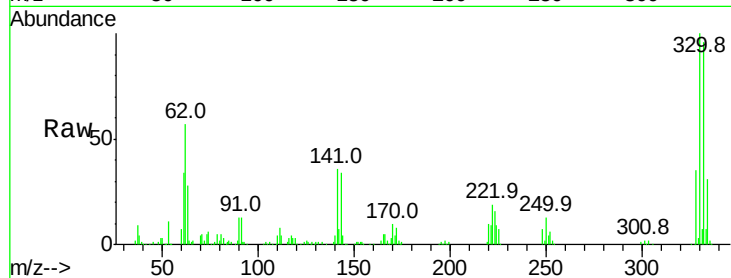




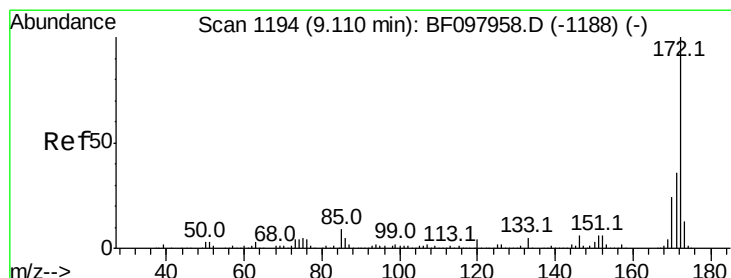
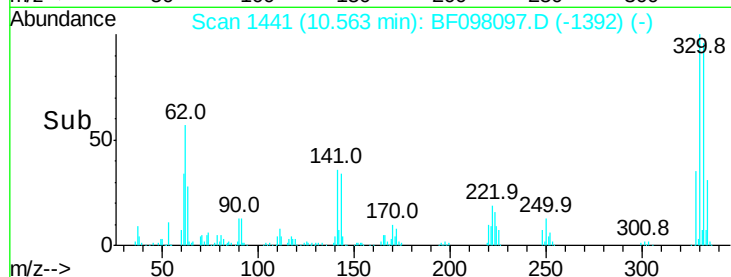
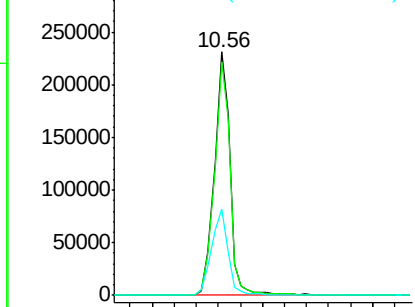
#41
 2,4,6-Tribromophenol
 Concen: 138.455 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098097.D
 Acq: 29 Aug 2017 6:07

Instrument :
 BNA_F
 ClientSampleId :
 347-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	37.7	31.4	47.2

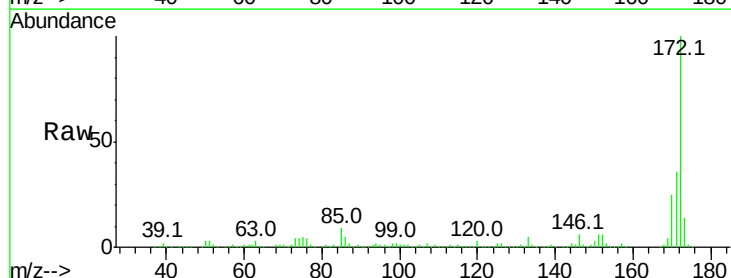


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

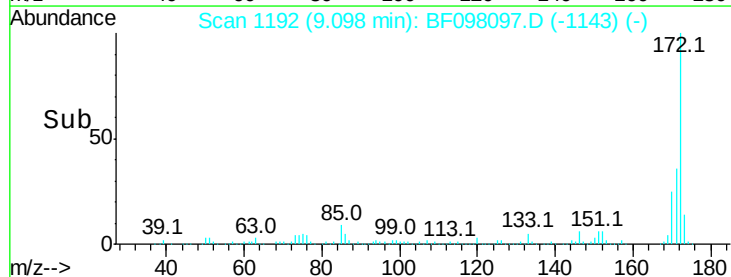
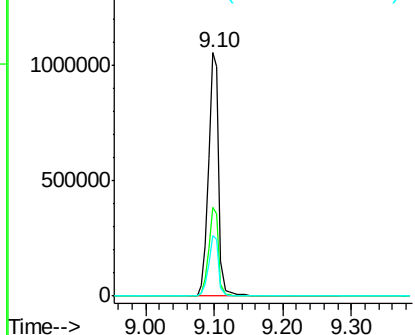


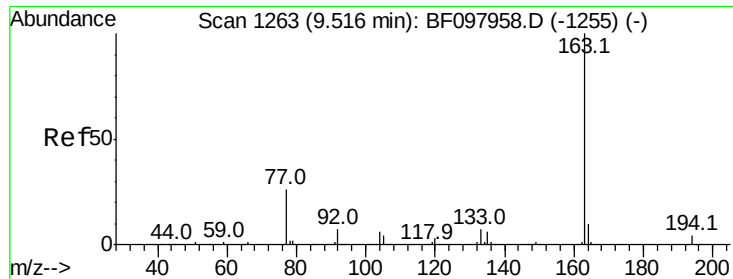
#44
 2-Fluorobiphenyl
 Concen: 87.460 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098097.D
 Acq: 29 Aug 2017 6:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.9	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

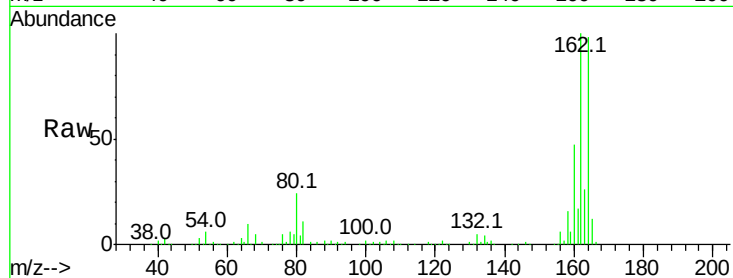




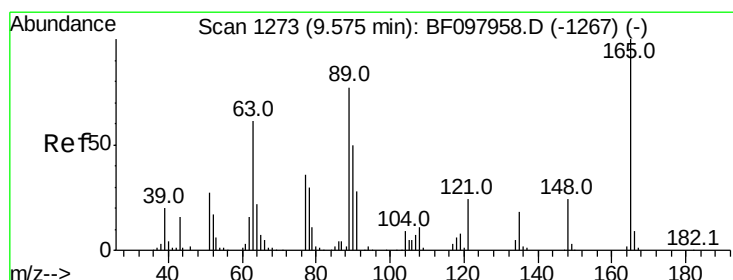
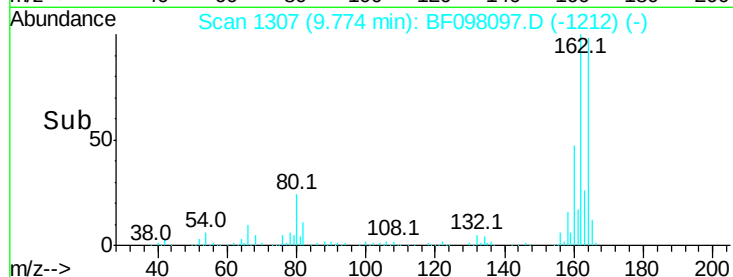
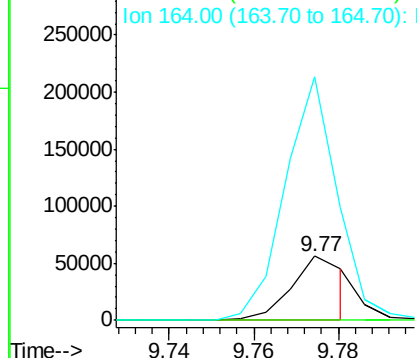
#49
Dimethylphthalate
Concen: 3.530 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF098097.D
Acq: 29 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
347-COMP

Tot Ion:163 Resp: 48502
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 378.2 8.4 12.6#

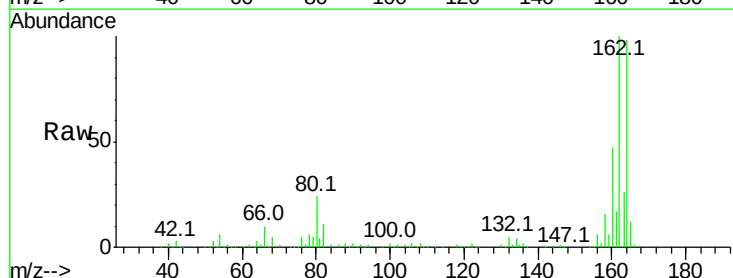


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

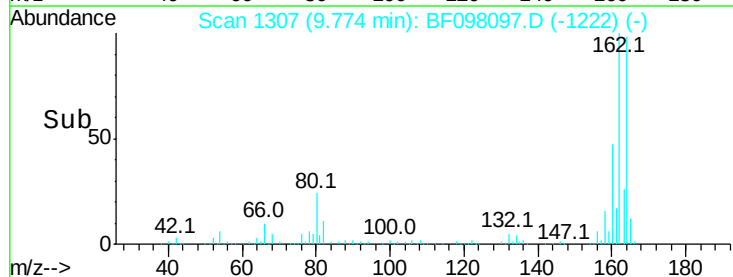
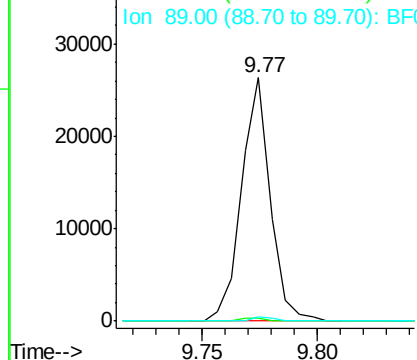


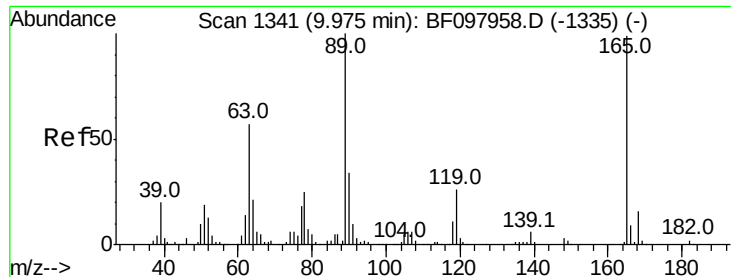
#50
2,6-Dinitrotoluene
Concen: 8.360 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.20 min
Lab File: BF098097.D
Acq: 29 Aug 2017 6:07

Tgt Ion:165 Resp: 22929
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.9 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

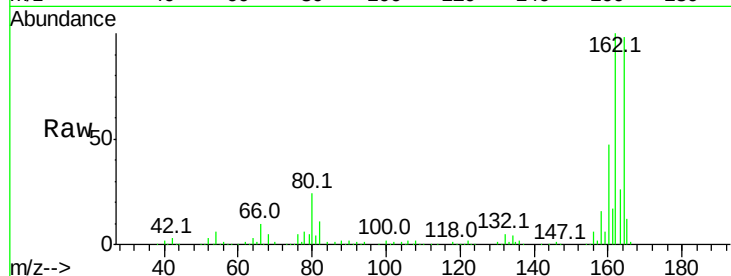




#56
 2,4-Dinitrotoluene
 Concen: 6.662 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098097.D
 Acq: 29 Aug 2017 6:07

Instrument :
 BNA_F
 ClientSampleId :
 347-COMP

Tot Ion:	165	Resp:	22929
Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

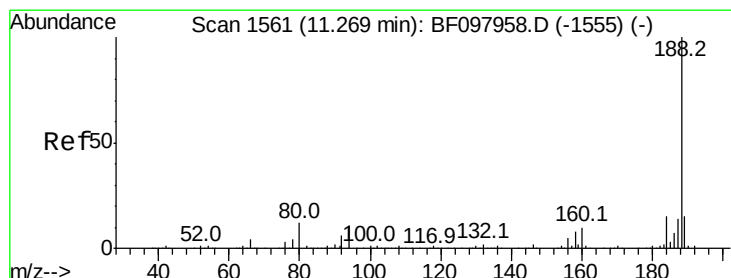
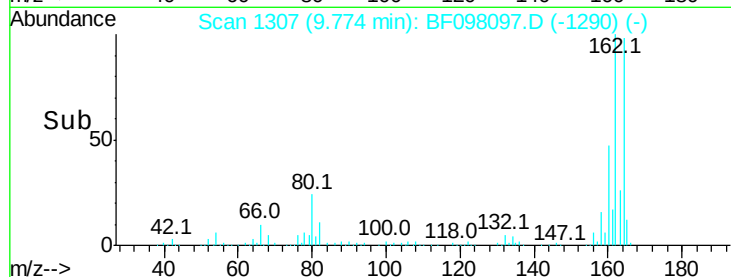
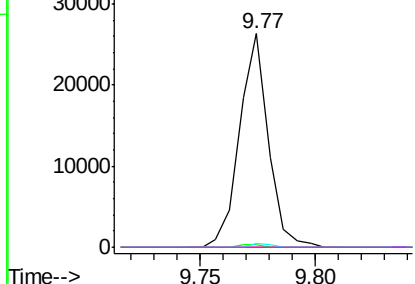


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

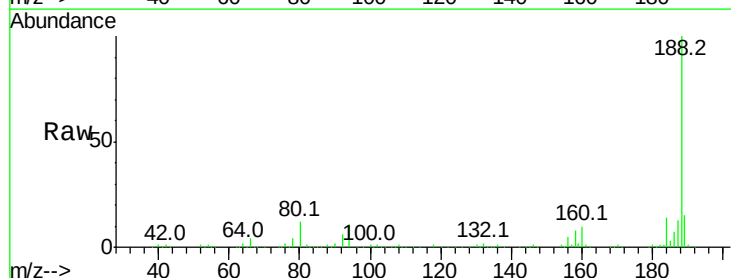
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098097.D
 Acq: 29 Aug 2017 6:07

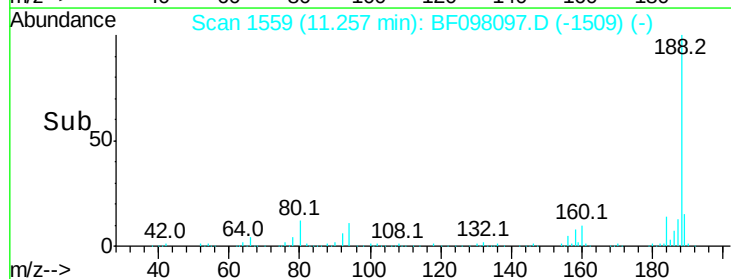
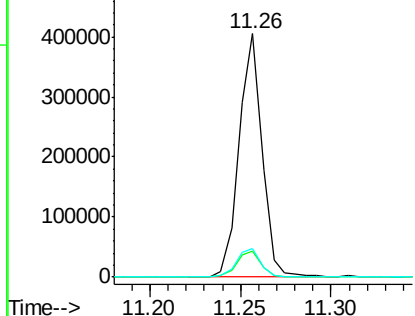
Tgt Ion:	188	Resp:	357354
Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.6	10.2	15.2

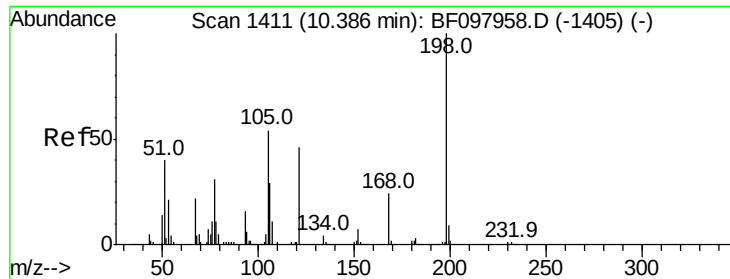


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

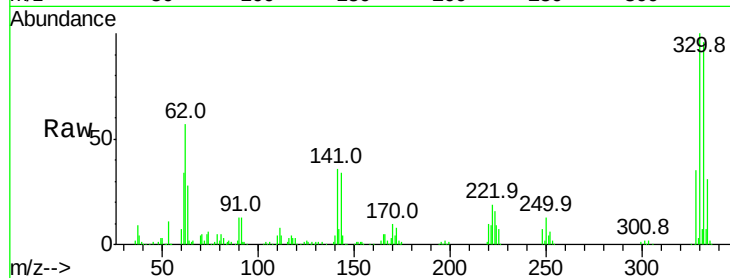




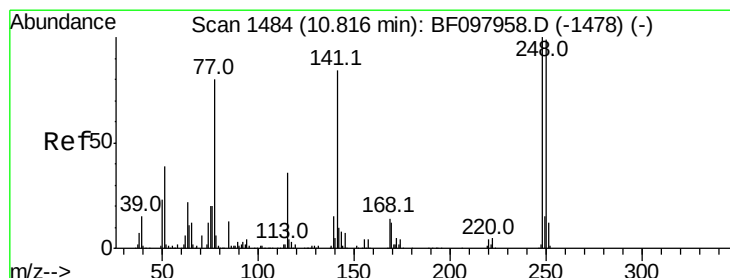
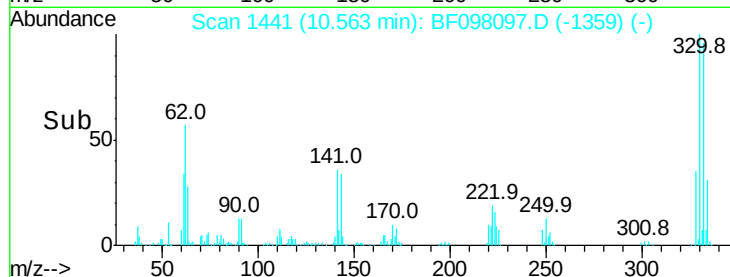
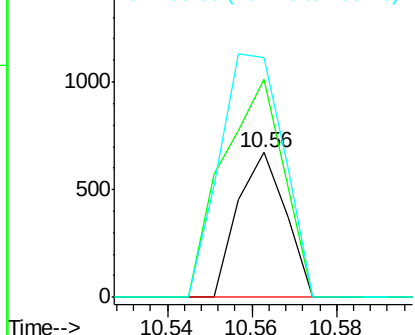
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.579 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.18 min
 Lab File: BF098097.D
 Acq: 29 Aug 2017 6:07

Instrument :
 BNA_F
 ClientSampleId :
 347-COMP

Tot Ion:198 Resp: 527
 Ion Ratio Lower Upper
 198 100
 51 151.0 53.2 93.2#
 105 165.5 45.8 85.8#

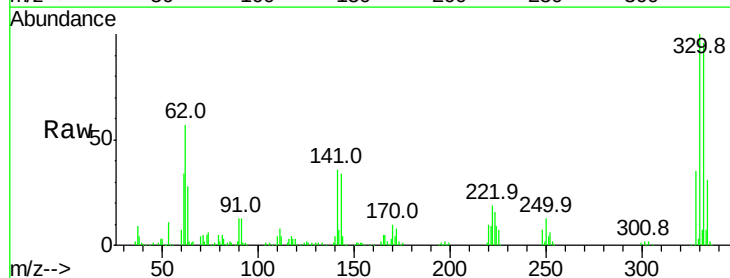


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

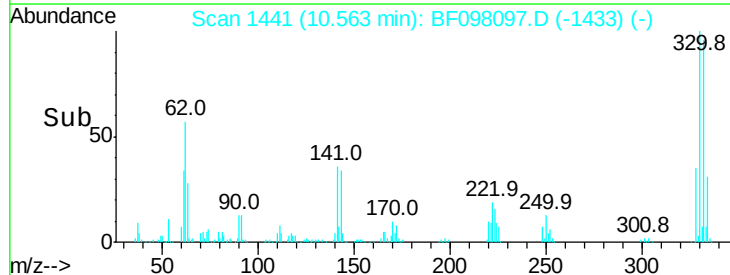
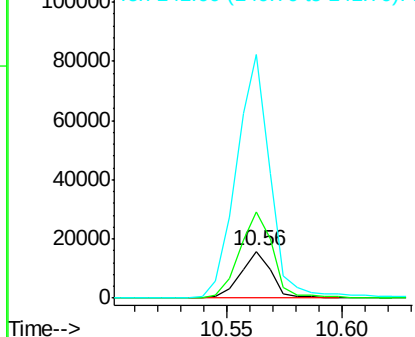


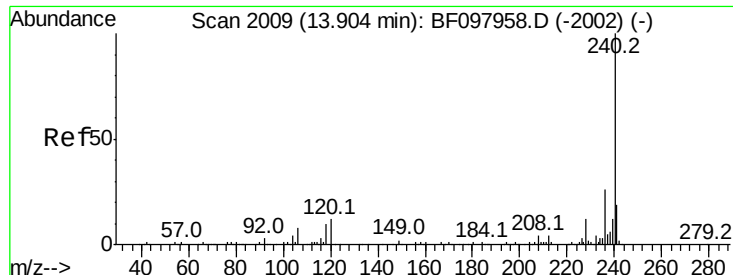
#66
 4-Bromophenyl-phenylether
 Concen: 3.968 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF098097.D
 Acq: 29 Aug 2017 6:07

Tgt Ion:248 Resp: 14725
 Ion Ratio Lower Upper
 248 100
 250 184.9 76.8 115.2#
 141 518.7 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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098097.D

Acq: 29 Aug 2017 6:07

Instrument :

BNA_F

ClientSampleId :

347-COMP

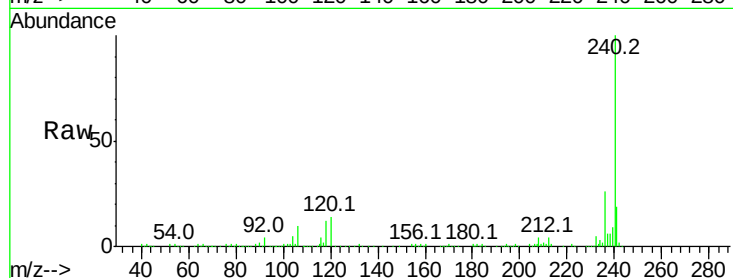
Tot Ion:240 Resp: 261396

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

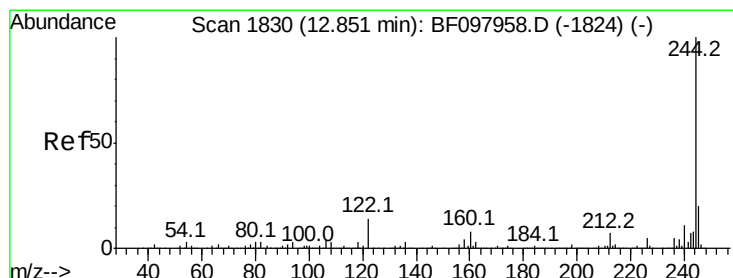
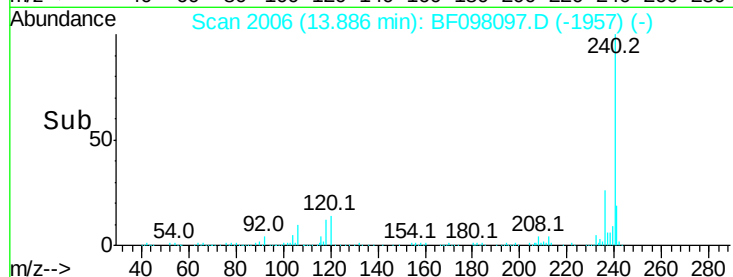
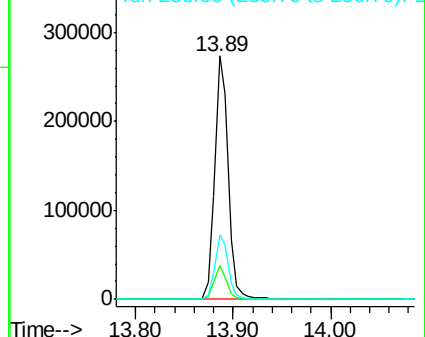
236 26.3 20.5 30.7



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: 72.057 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098097.D

Acq: 29 Aug 2017 6:07

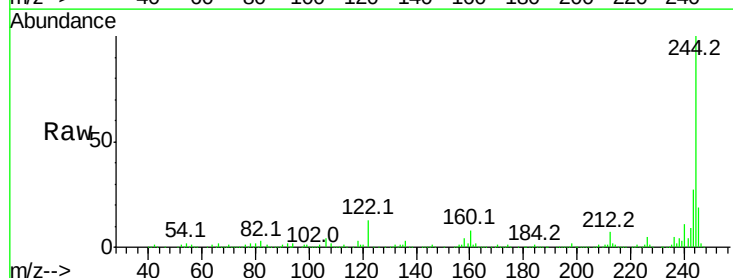
Tgt Ion:244 Resp: 903226

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

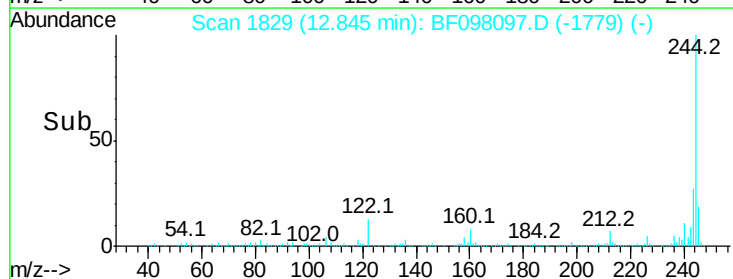
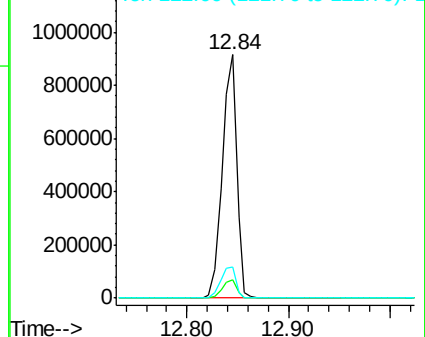
122 12.7 10.3 15.5

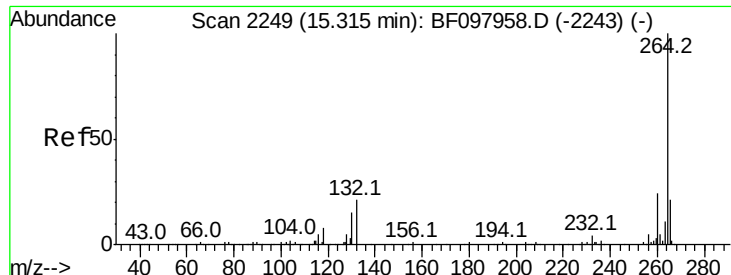


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF098097.D
Acq: 29 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
347-COMP

Tot Ion:264 Resp: 249364
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.3 17.2 25.8

