

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098115.D
 Acq On : 29 Aug 2017 17:15
 Operator : SJ/JU
 Sample : I4988-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 02:59:15 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

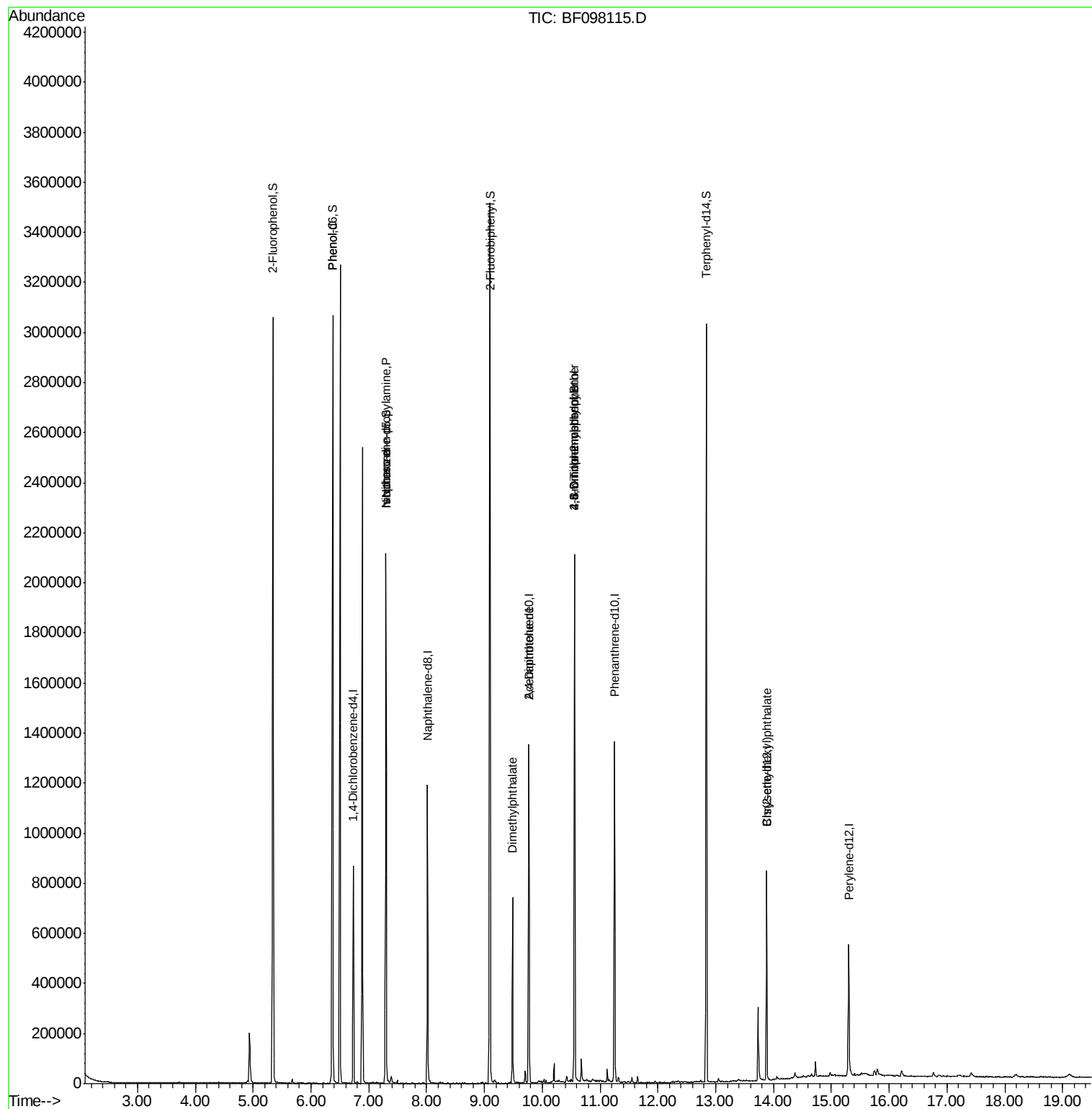
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	126015	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	511677	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	237897	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	443169	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	271561	20.00	ng	-0.02
86) Perylene-d12	15.30	264	241706	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	958494	115.70	ng	0.00
7) Phenol-d6	6.37	99	1308599	116.25	ng	-0.01
23) Nitrobenzene-d5	7.30	82	826078	87.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	265162	128.46	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1255718	77.55	ng	-0.01
78) Terphenyl-d14	12.84	244	995965	76.48	ng	-0.01
Target Compounds						
10) Phenol	6.38	94	47830	3.633	ng	88
19) n-Nitroso-di-n-propylamine	7.30	70	110584	14.351	ng	# 71
25) Isophorone	7.30	82	815542	41.641	ng	# 67
49) Dimethylphthalate	9.49	163	258569	14.869	ng	99
56) 2,4-Dinitrotoluene	9.77	165	29678	6.813	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	587	8.553	ng	# 14
66) 4-Bromophenyl-phenylether	10.56	248	17138	3.724	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	19121	2.026	ng	# 94

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

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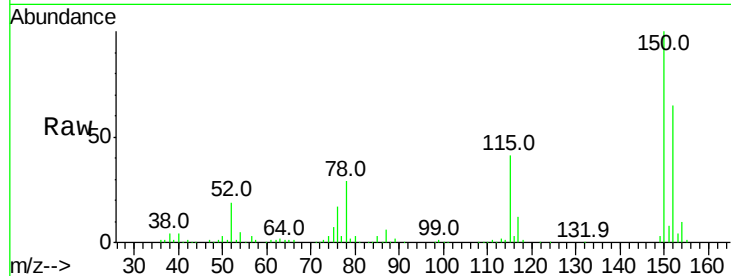


#1

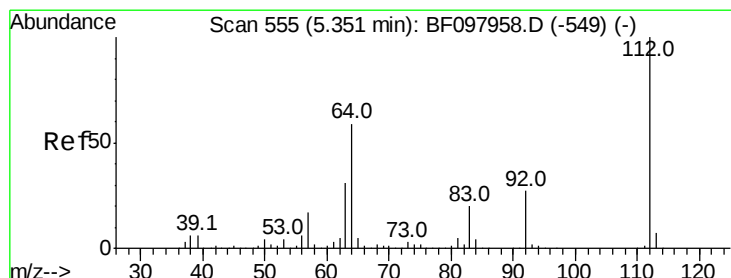
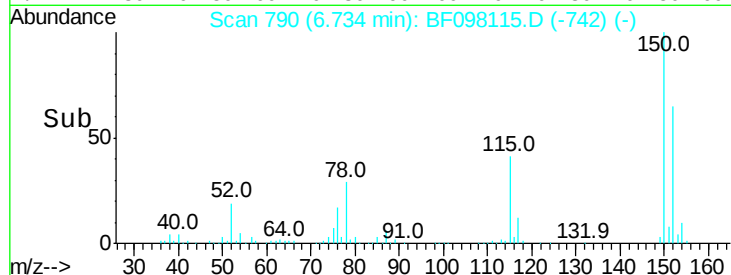
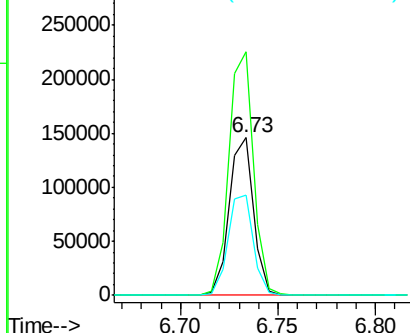
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF098115.D
 Acq: 29 Aug 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 126015
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.2 189.2
 115 63.5 52.2 78.2



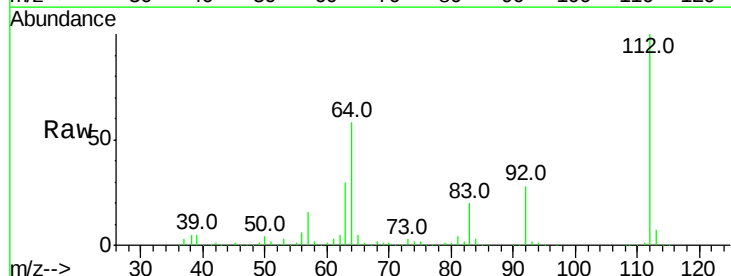
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



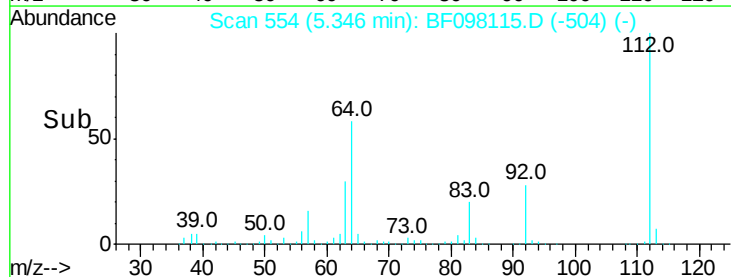
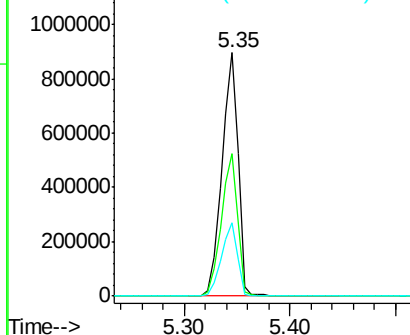
#5

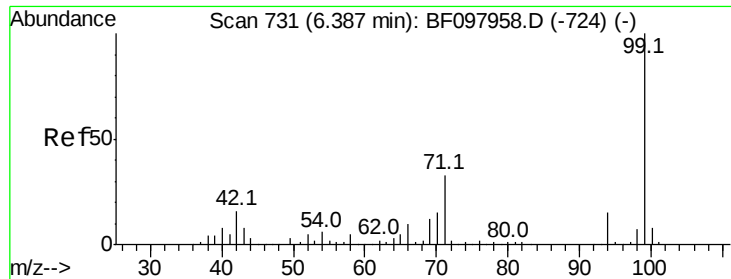
2-Fluorophenol
 Concen: 115.696 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF098115.D
 Acq: 29 Aug 2017 17:15

Tgt Ion:112 Resp: 958494
 Ion Ratio Lower Upper
 112 100
 64 58.3 46.0 69.0
 63 30.3 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: 116.254 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098115.D

Acq: 29 Aug 2017 17:15

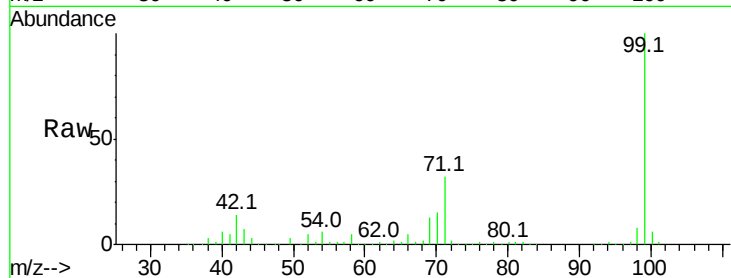
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1308599

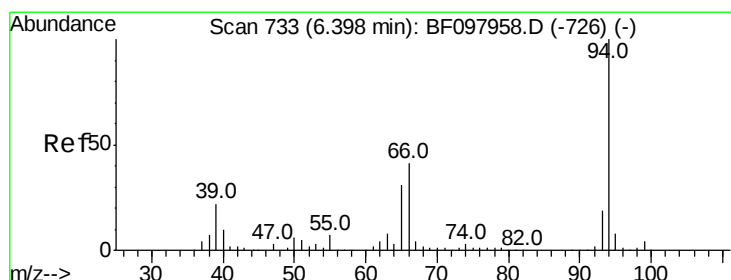
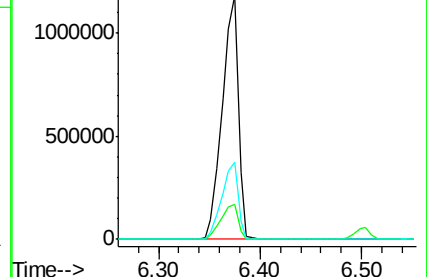
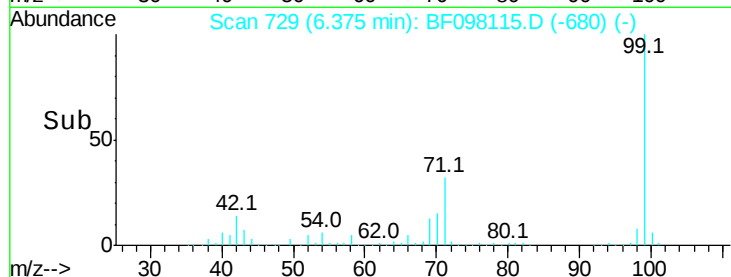
Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.5	20.3
71	31.6	24.5	36.7



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



#10

Phenol

Concen: 3.633 ng

RT: 6.38 min Scan# 730

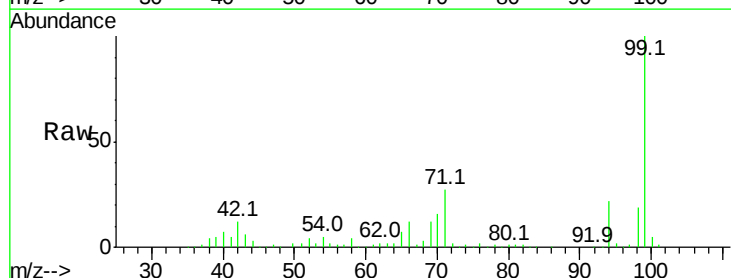
Delta R.T. -0.02 min

Lab File: BF098115.D

Acq: 29 Aug 2017 17:15

Tgt Ion: 94 Resp: 47830

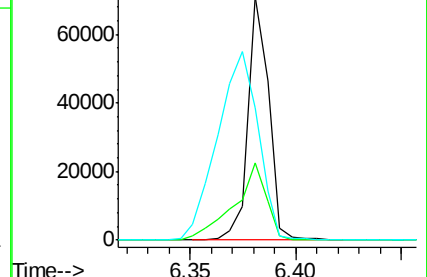
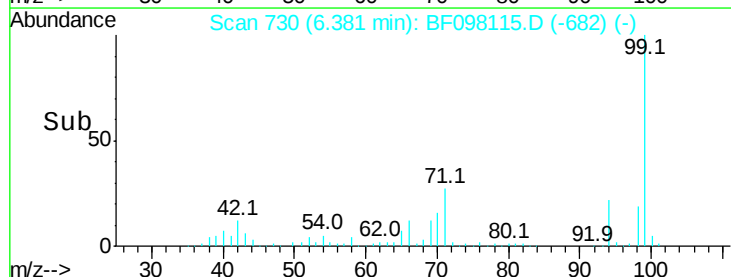
Ion	Ratio	Lower	Upper
94	100		
65	31.5	9.9	49.9
66	54.6	23.1	63.1

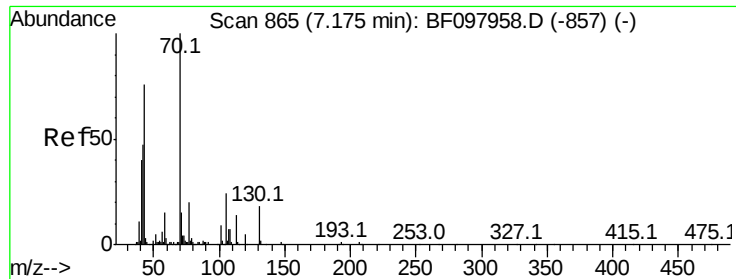


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.351 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.12 min

Lab File: BF098115.D

Acq: 29 Aug 2017 17:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 110584

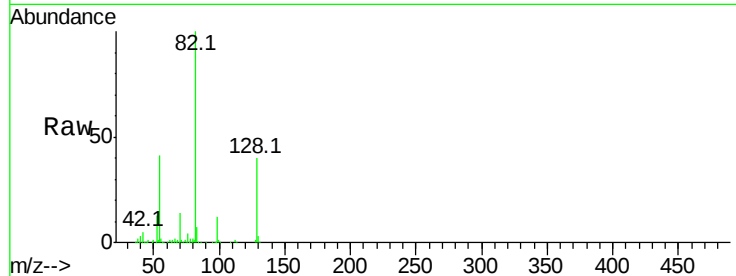
Ion Ratio Lower Upper

70 100

42 38.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

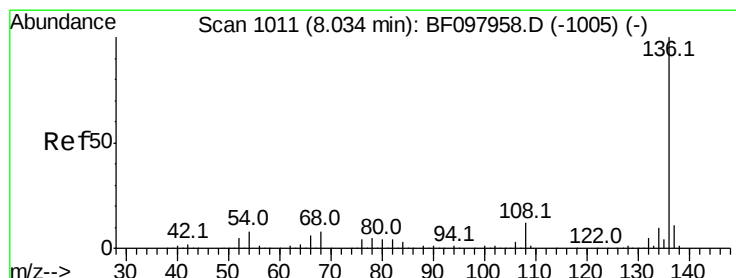
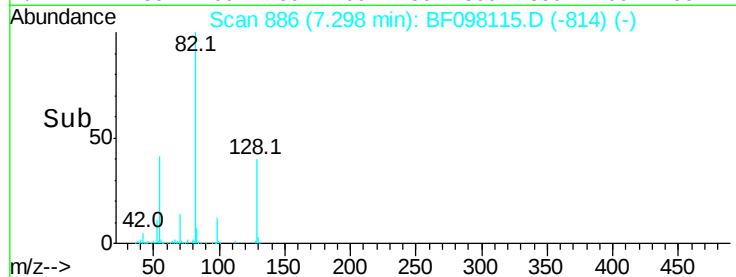
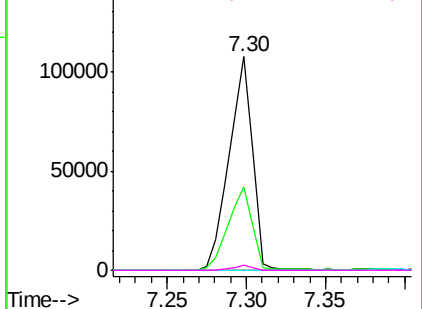


Abundance Ion 70.00 (69.70 to 70.70): BF0

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# 1008

Delta R.T. -0.02 min

Lab File: BF098115.D

Acq: 29 Aug 2017 17:15

Tgt Ion: 136 Resp: 511677

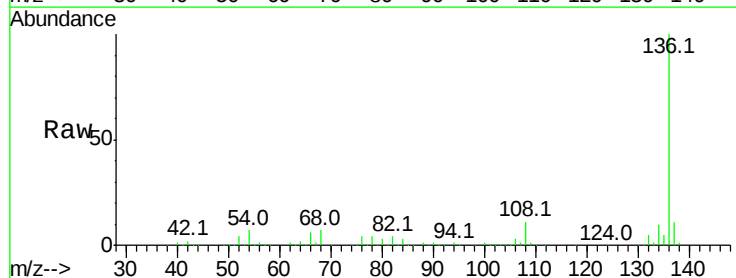
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3

68 6.9 4.1 6.1#

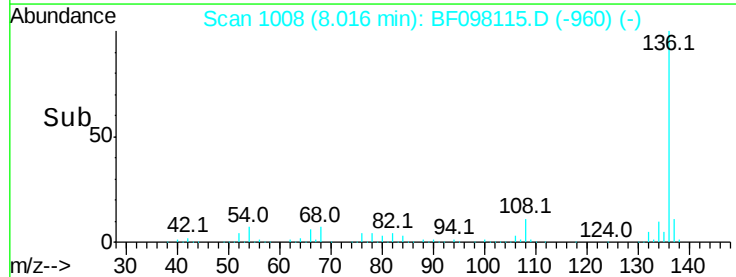
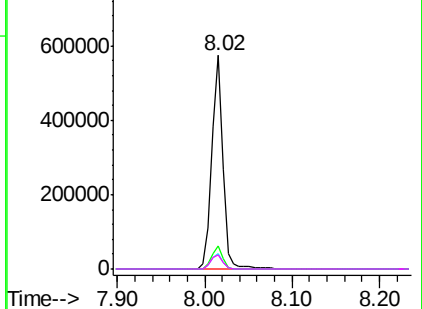


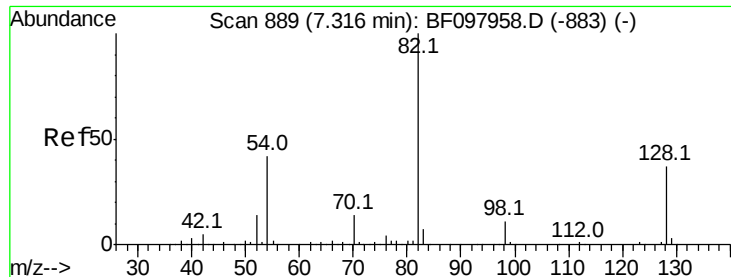
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

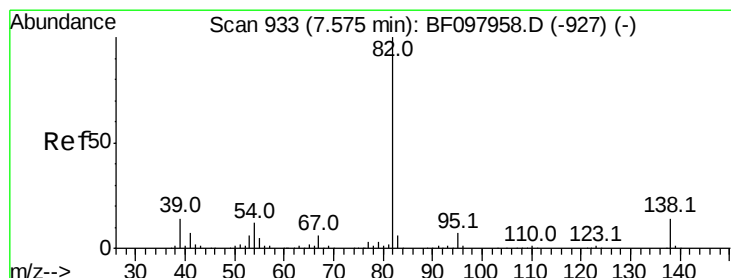
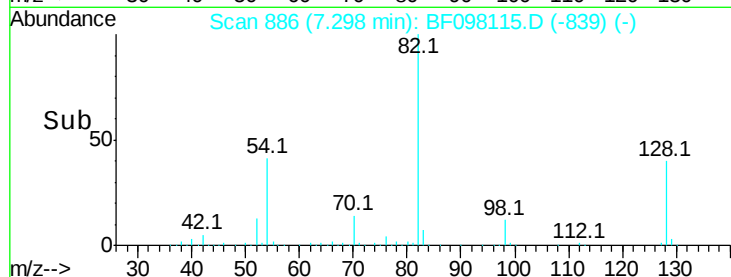
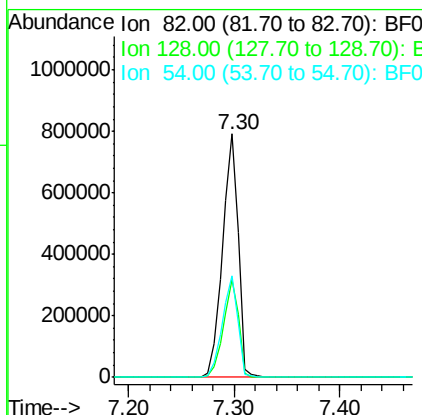
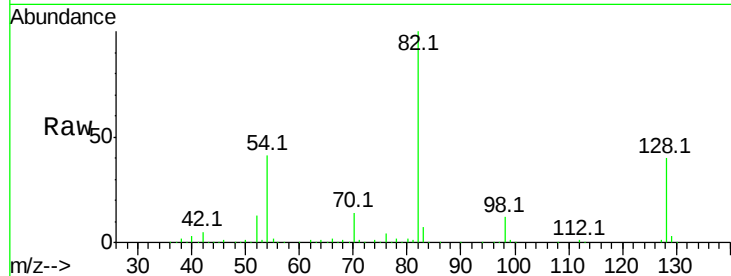




#23
 Nitrobenzene-d5
 Concen: 87.704 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF098115.D
 Acq: 29 Aug 2017 17:15

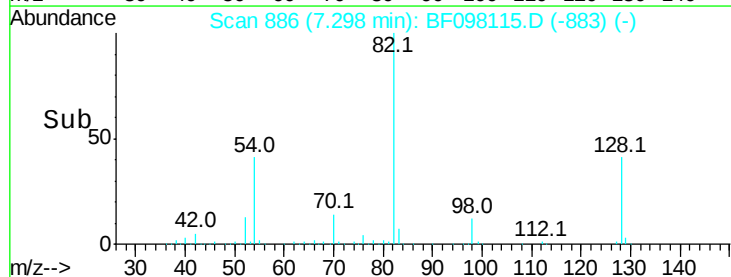
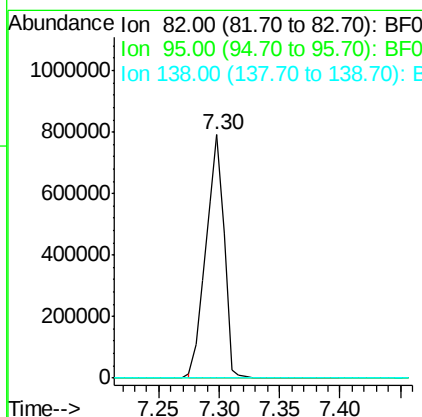
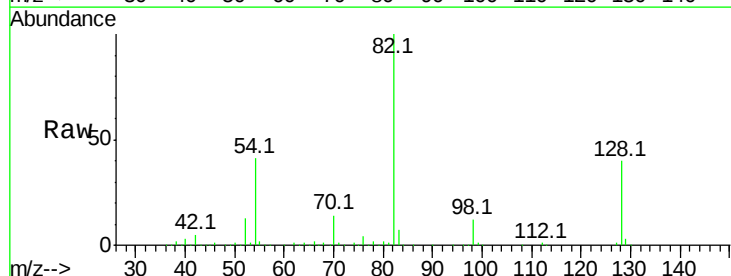
Instrument :
 BNA_F
 ClientSampled :

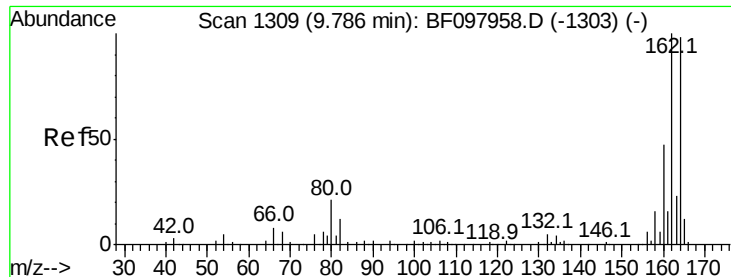
Tot Ion: 82 Resp: 826078
 Ion Ratio Lower Upper
 82 100
 128 39.9 34.0 51.0
 54 41.4 42.2 63.2#



#25
 Isophorone
 Concen: 41.641 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.28 min
 Lab File: BF098115.D
 Acq: 29 Aug 2017 17:15

Tgt Ion: 82 Resp: 815542
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

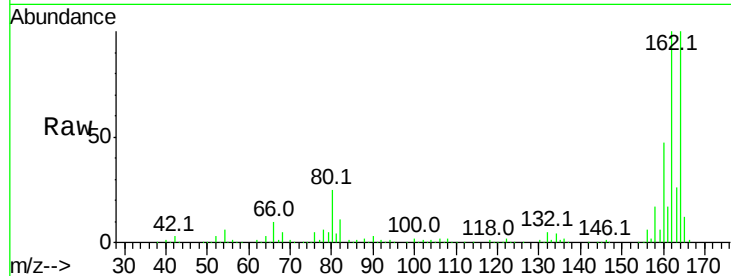




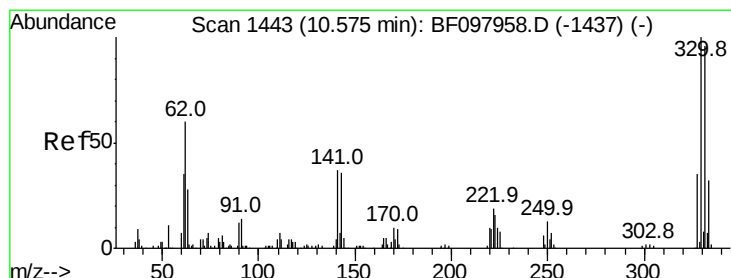
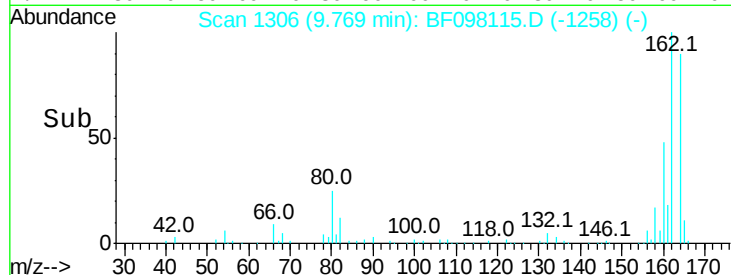
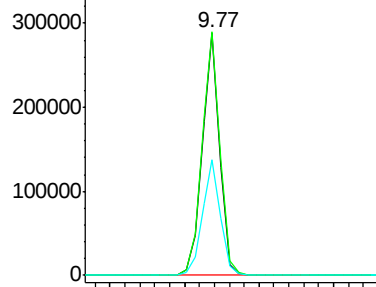
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098115.D
 Acq: 29 Aug 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	123.8
160	47.5	36.2	54.2

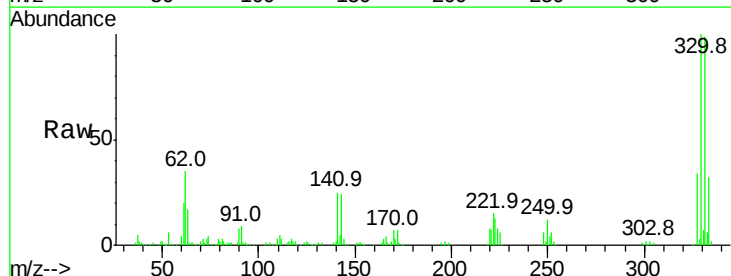


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

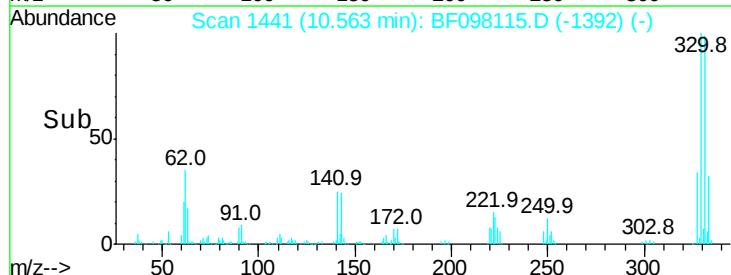
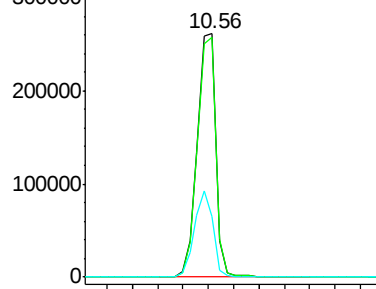


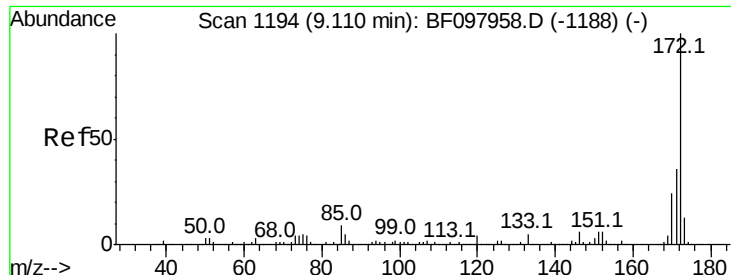
#41
 2,4,6-Tribromophenol
 Concen: 128.461 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098115.D
 Acq: 29 Aug 2017 17:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	115.0
141	36.0	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

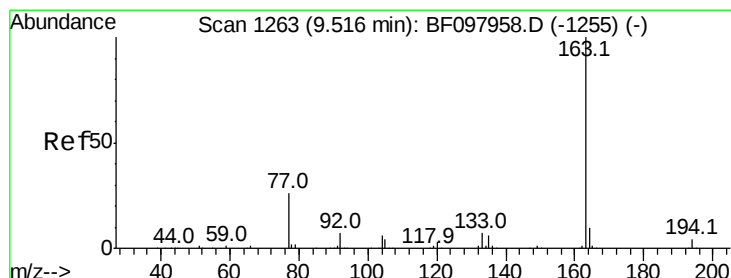
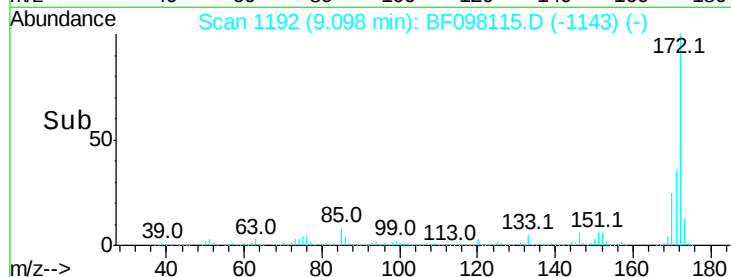
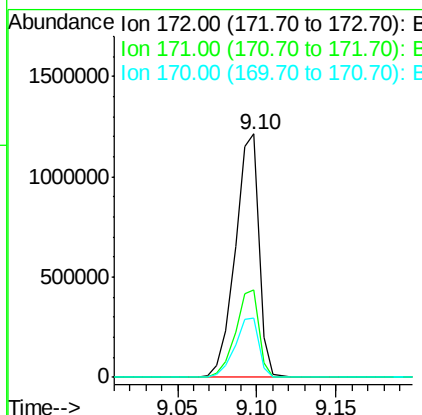
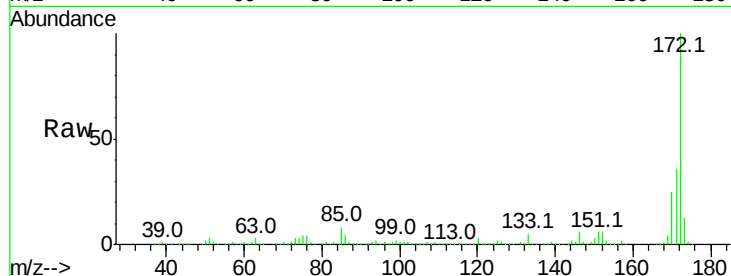




#44
2-Fluorobiphenyl
Concen: 77.551 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098115.D
Acq: 29 Aug 2017 17:15

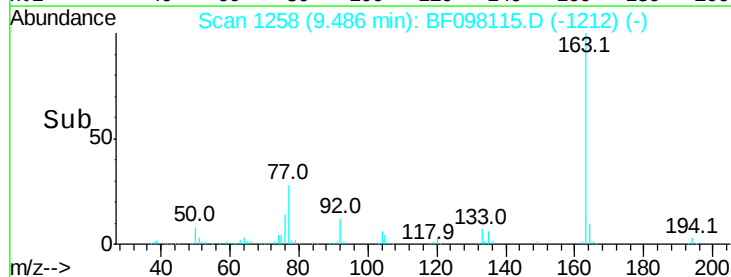
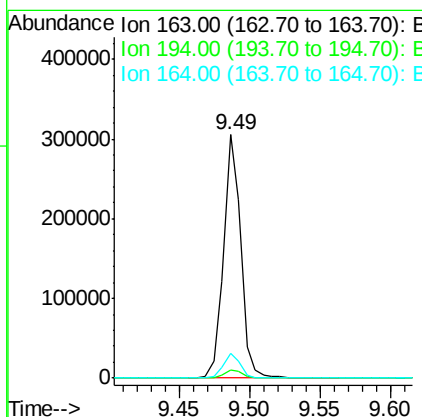
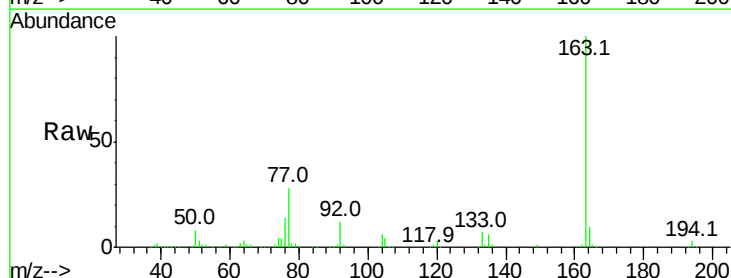
Instrument :
BNA_F
ClientSampleId :

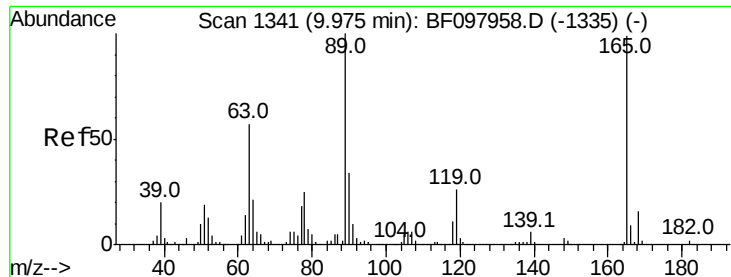
Tot Ion:172 Resp: 1255718
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.6 19.8 29.8



#49
Dimethylphthalate
Concen: 14.869 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF098115.D
Acq: 29 Aug 2017 17:15

Tgt Ion:163 Resp: 258569
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.4 12.6





#56

2,4-Dinitrotoluene

Concen: 6.813 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.21 min

Lab File: BF098115.D

Acq: 29 Aug 2017 17:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 29678

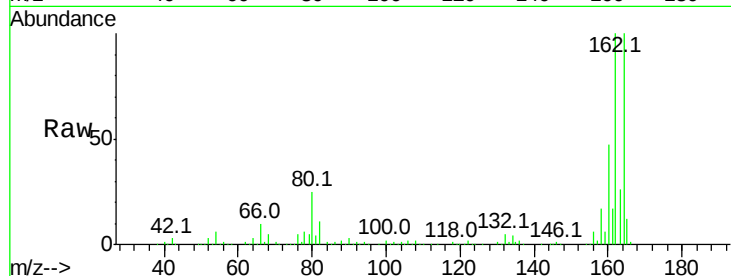
Ion Ratio Lower Upper

165 100

63 1.6 25.4 38.0#

89 1.9 46.4 69.6#

182 0.0 1.8 2.6#

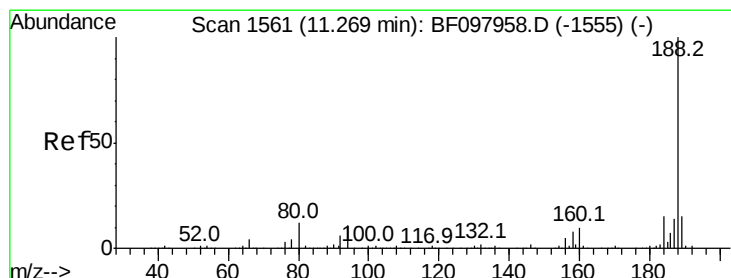
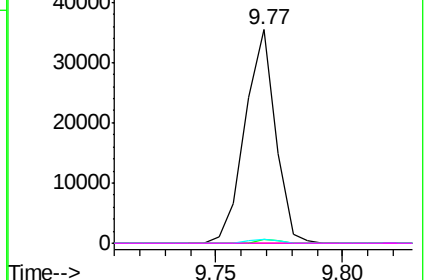
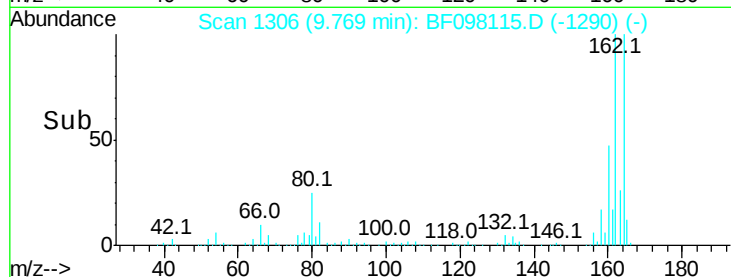


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098115.D

Acq: 29 Aug 2017 17:15

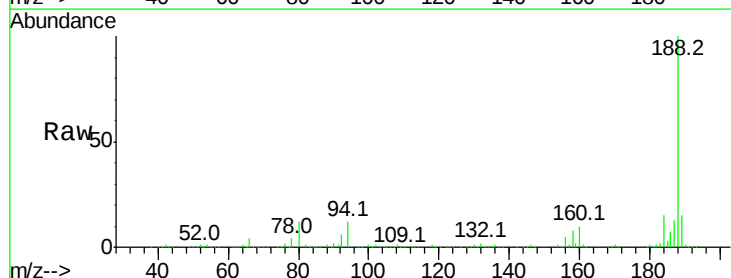
Tgt Ion:188 Resp: 443169

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

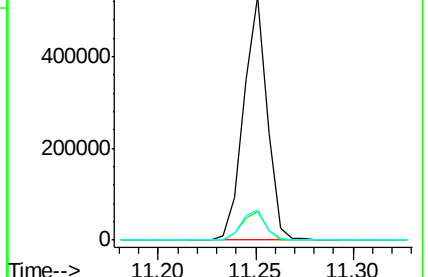
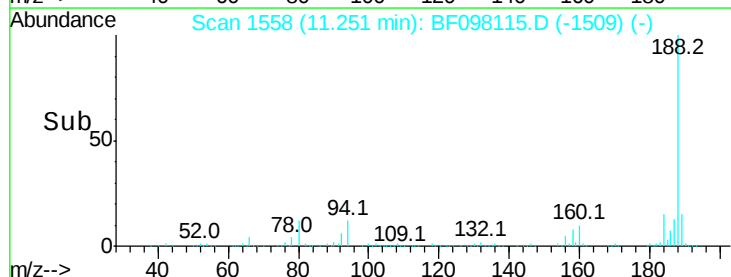
80 12.2 10.2 15.2

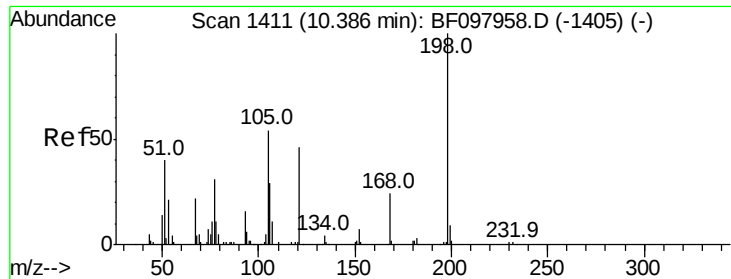


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.553 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.18 min

Lab File: BF098115.D

Acq: 29 Aug 2017 17:15

Instrument :

BNA_F

ClientSampleId :

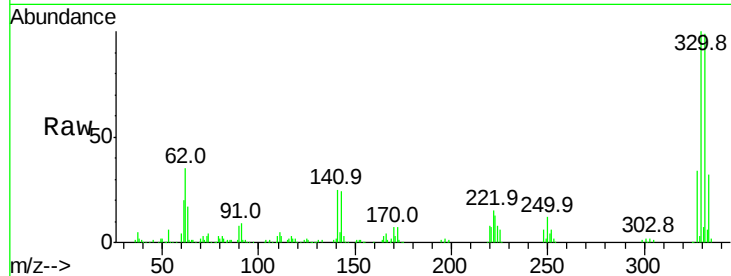
Tot Ion:198 Resp: 587

Ion Ratio Lower Upper

198 100

51 141.3 53.2 93.2#

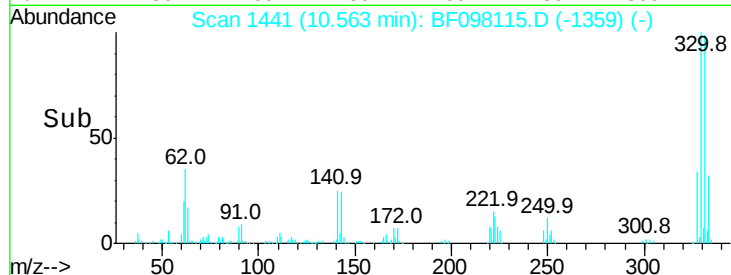
105 138.3 45.8 85.8#



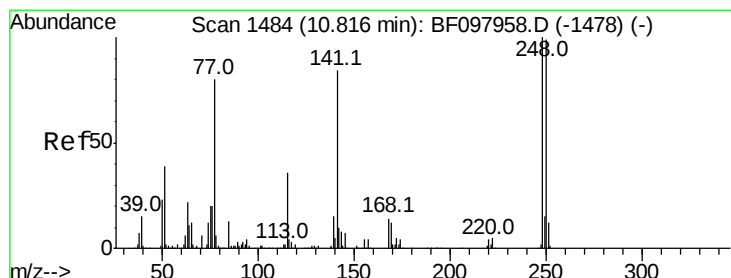
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.724 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.26 min

Lab File: BF098115.D

Acq: 29 Aug 2017 17:15

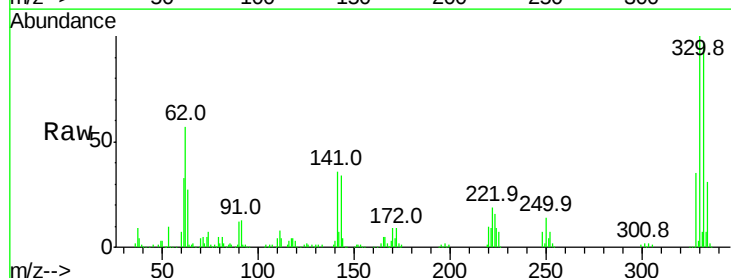
Tgt Ion:248 Resp: 17138

Ion Ratio Lower Upper

248 100

250 205.3 76.8 115.2#

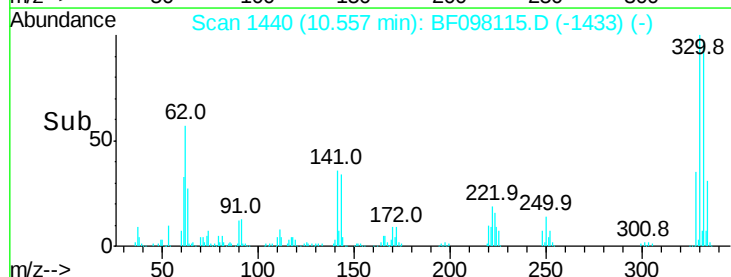
141 537.0 68.6 103.0#



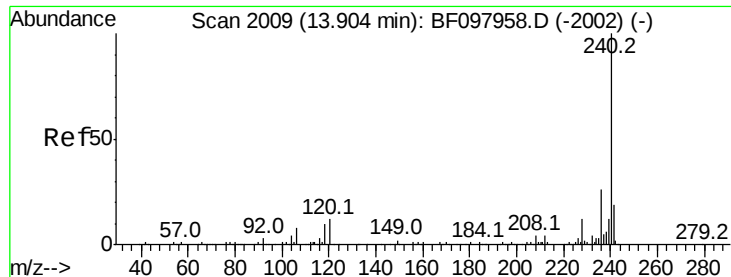
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098115.D

Acq: 29 Aug 2017 17:15

Instrument :

BNA_F

ClientSampleId :

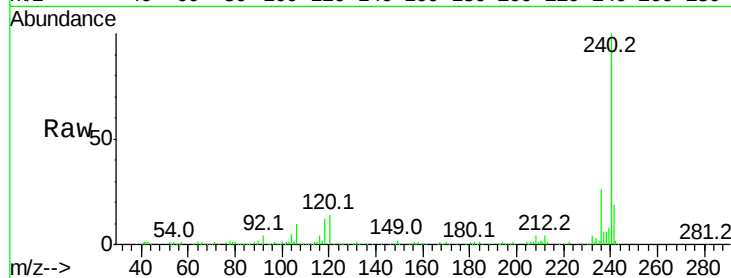
Tot Ion:240 Resp: 271561

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

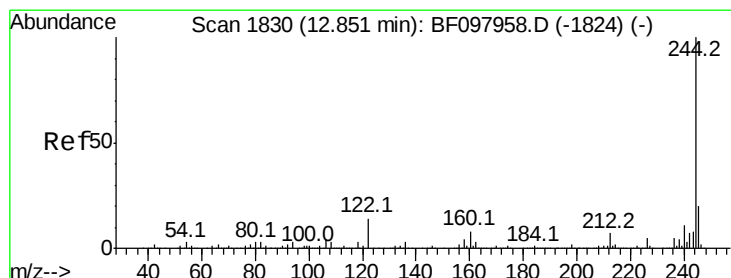
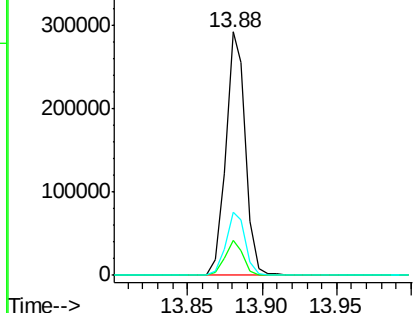
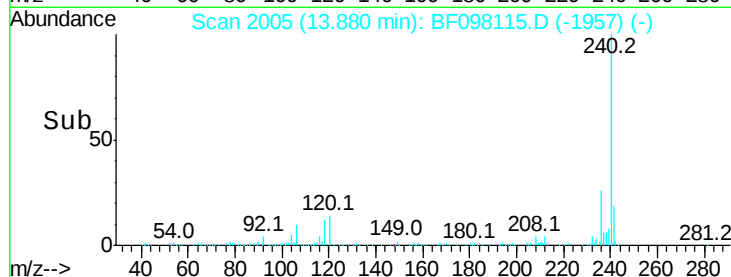
236 26.0 20.5 30.7



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: 76.481 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098115.D

Acq: 29 Aug 2017 17:15

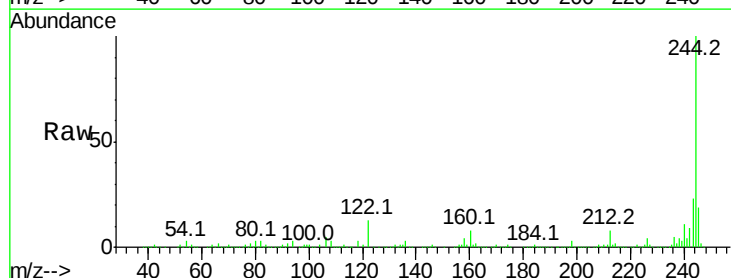
Tgt Ion:244 Resp: 995965

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

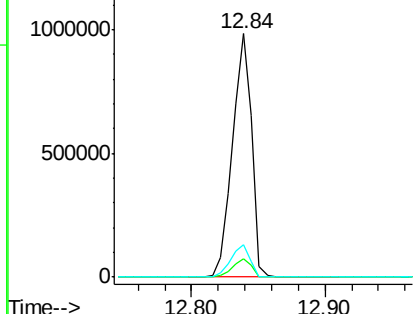
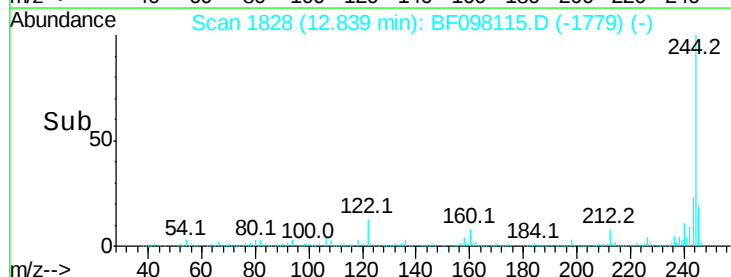
122 13.1 10.3 15.5

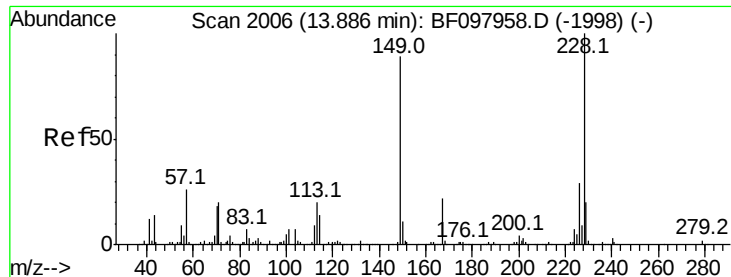


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

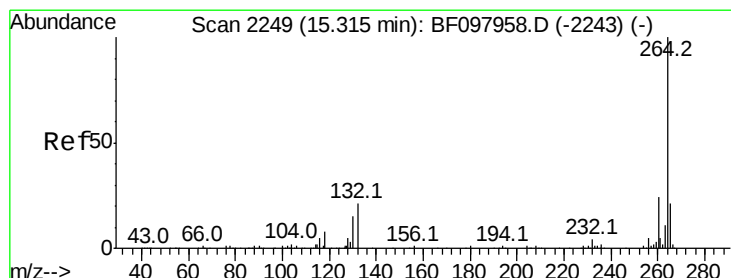
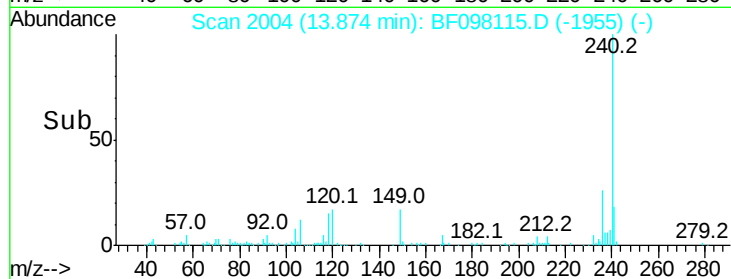
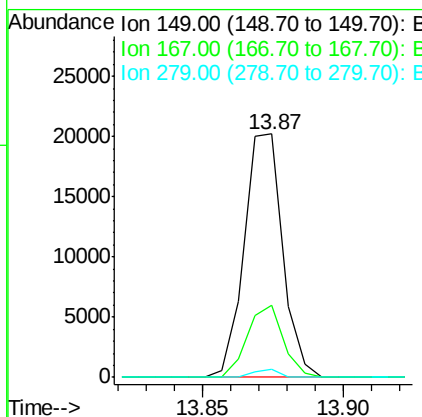
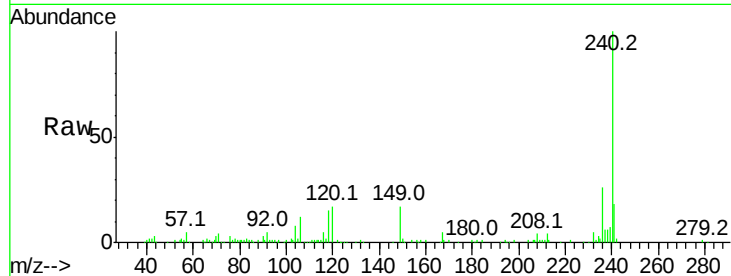




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.026 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF098115.D
 Acq: 29 Aug 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 19121
 Ion Ratio Lower Upper
 149 100
 167 29.4 21.0 31.4
 279 3.1 1.9 2.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098115.D
 Acq: 29 Aug 2017 17:15

Tgt Ion:264 Resp: 241706
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.5 17.2 25.8

