

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099889.D
 Acq On : 27 Oct 2017 21:50
 Operator : SJ/JU
 Sample : PB103711BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 22:55:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

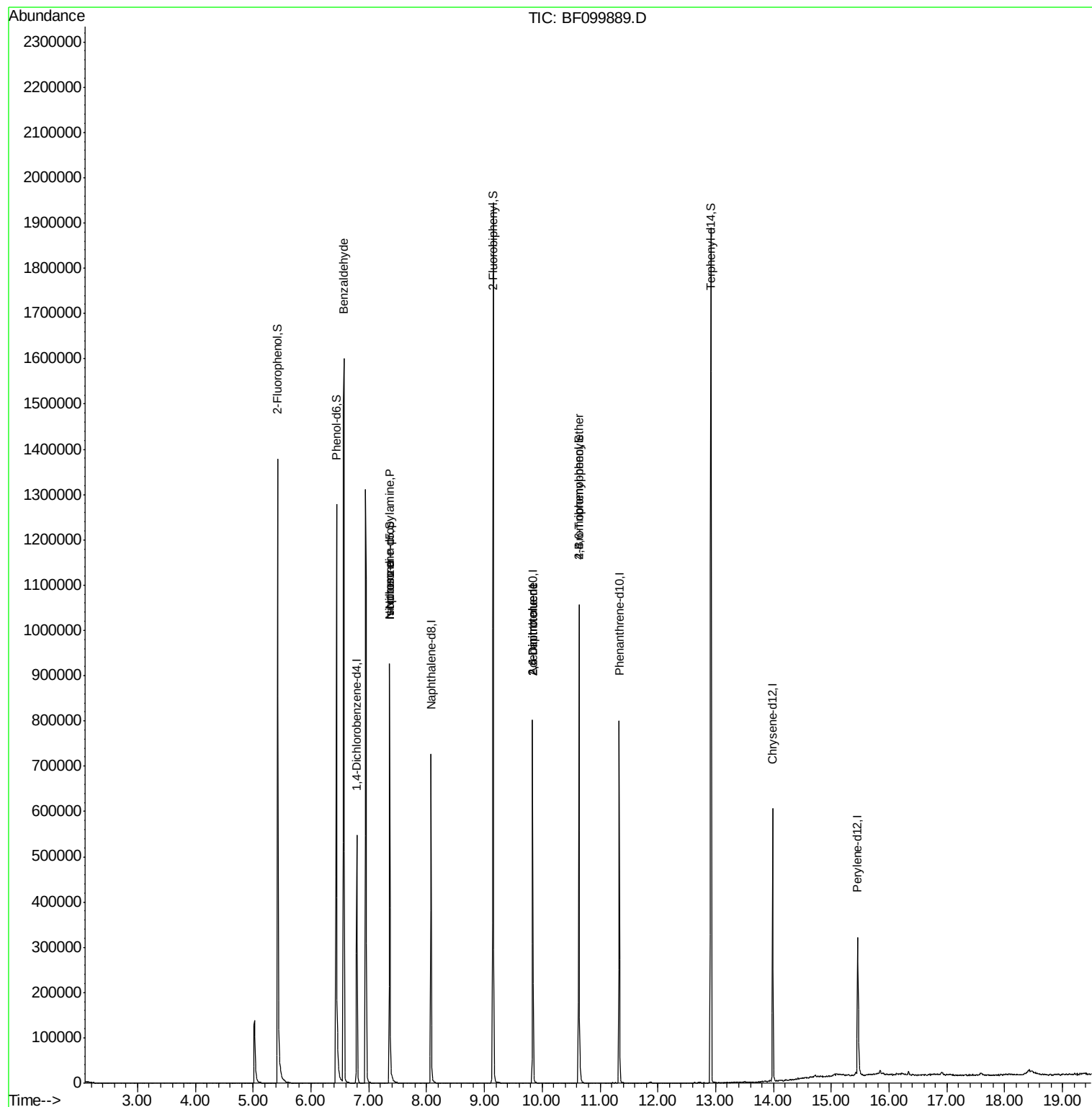
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	86620	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	360149	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	176012	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	321669	20.00	ng	0.00
75) Chrysene-d12	13.99	240	209353	20.00	ng	0.00
86) Perylene-d12	15.46	264	156744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	483744	87.68	ng	0.00
7) Phenol-d6	6.44	99	570402	87.19	ng	0.00
23) Nitrobenzene-d5	7.36	82	322988	57.74	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	135175	84.27	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	716848	62.84	ng	0.00
78) Terphenyl-d14	12.92	244	653599	68.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	8754	2.24	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.36	70	39113	10.20	ng	# 70
25) Isophorone	7.36	82	322988	31.82	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	21734	7.42	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	21734	6.16	ng	# 22
66) 4-Bromophenyl-phenylether	10.63	248	9078	2.68	ng	# 1

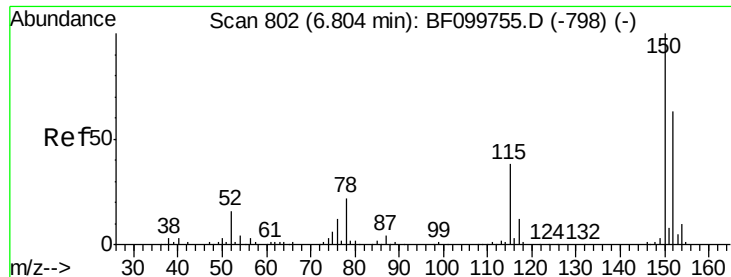
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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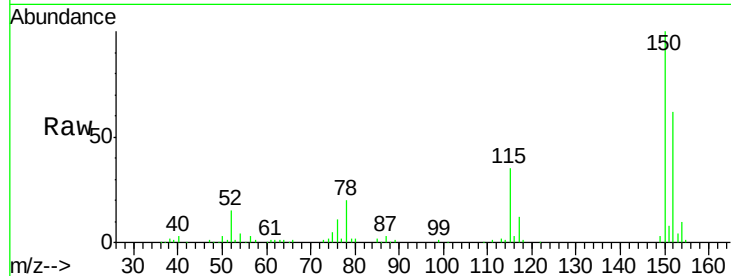


#1

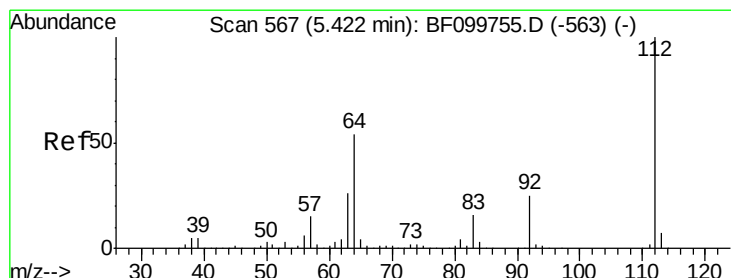
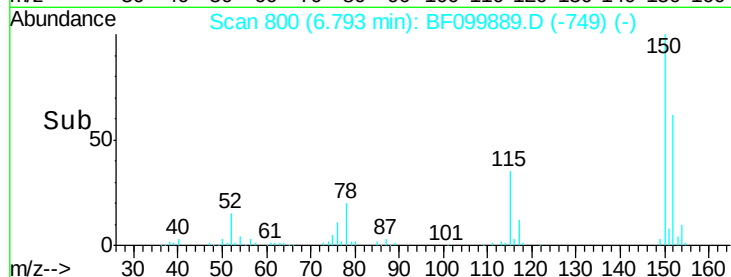
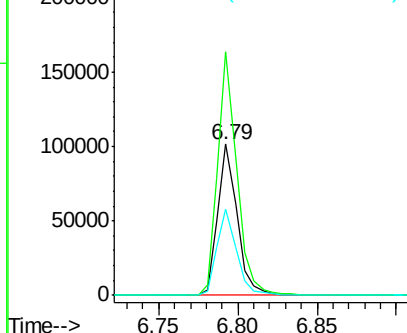
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099889.D
Acq: 27 Oct 2017 21:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 86620
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 56.7 50.1 75.1



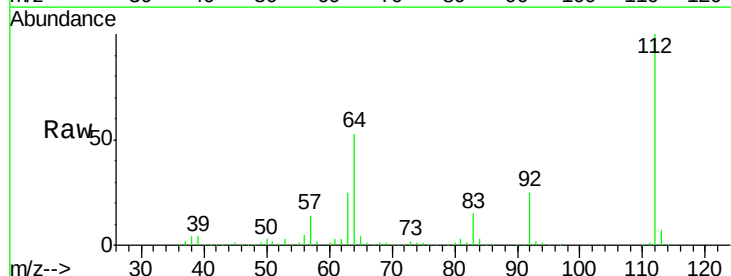
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



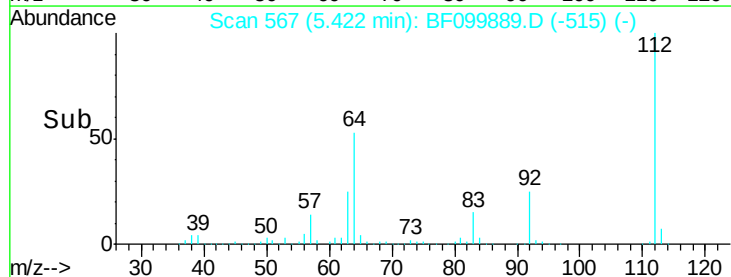
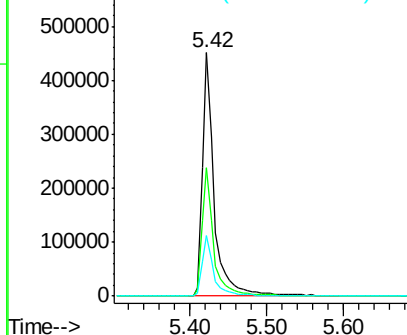
#5

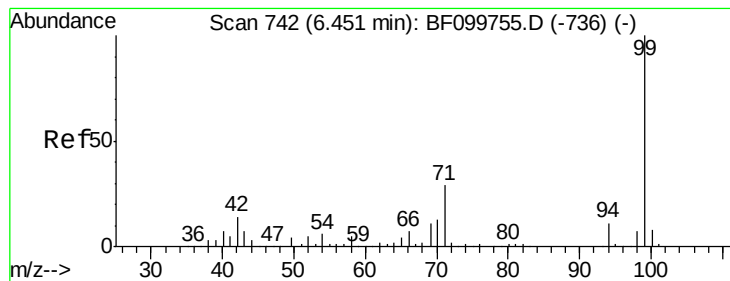
2-Fluorophenol
Concen: 87.68 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF099889.D
Acq: 27 Oct 2017 21:50

Tgt Ion:112 Resp: 483744
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 24.8 23.7 35.5



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: 87.19 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099889.D

Acq: 27 Oct 2017 21:50

Instrument :

BNA_F

ClientSampleId :

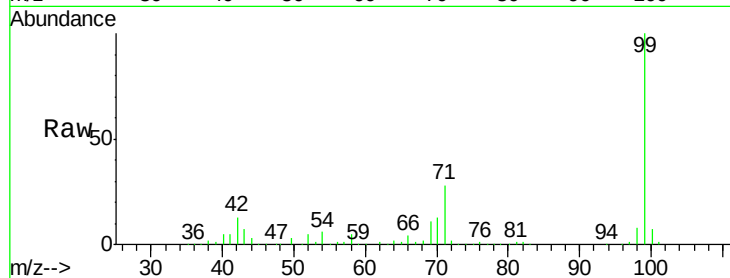
Tot Ion: 99 Resp: 570402

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

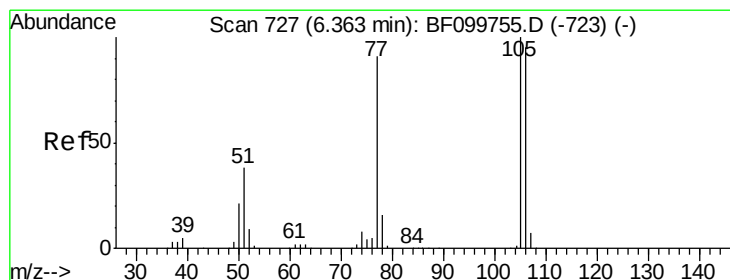
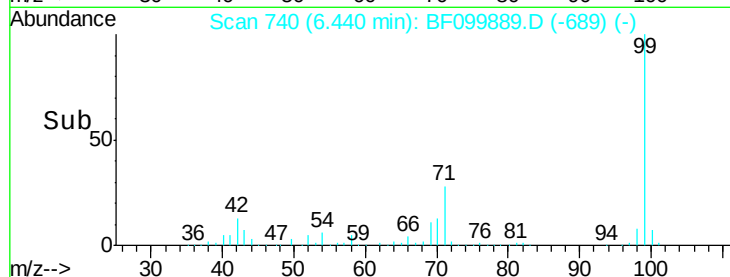
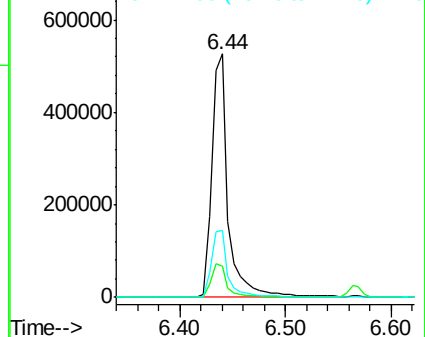
71 27.7 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.24 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.21 min

Lab File: BF099889.D

Acq: 27 Oct 2017 21:50

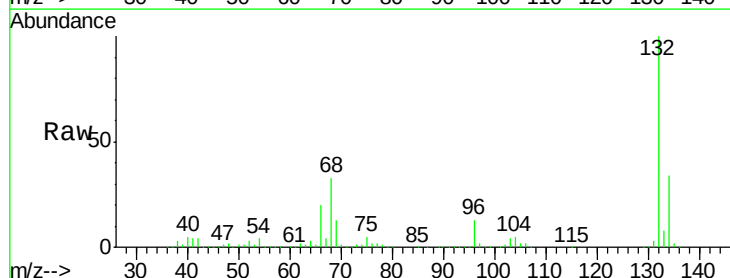
Tgt Ion: 77 Resp: 8754

Ion Ratio Lower Upper

77 100

105 90.0 81.1 121.1

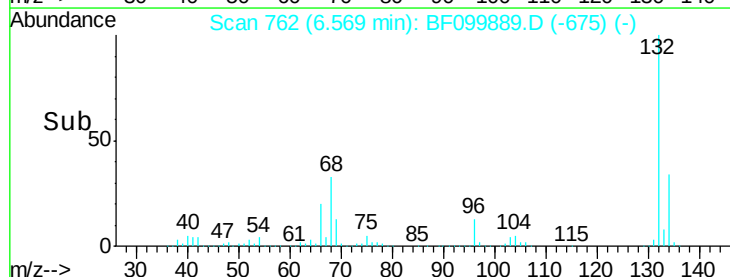
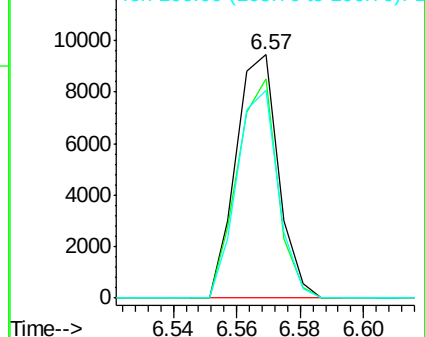
106 85.5 74.5 114.5

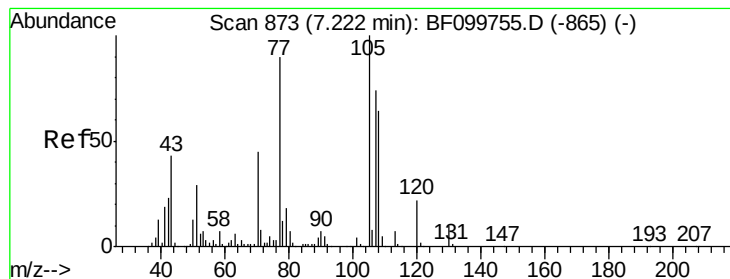


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 10.20 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099889.D

Acq: 27 Oct 2017 21:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 39113

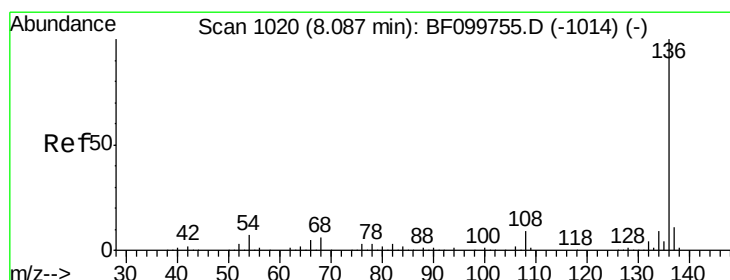
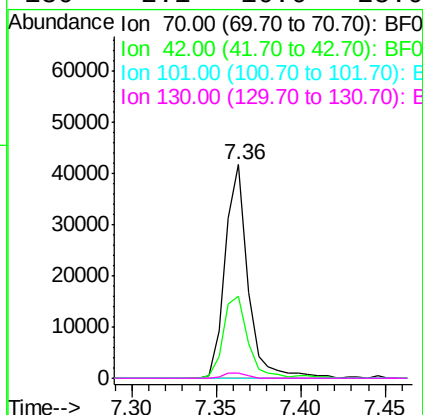
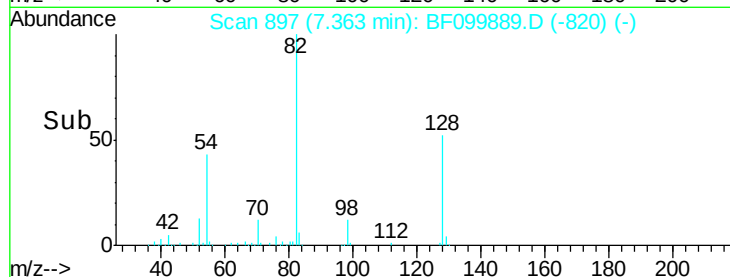
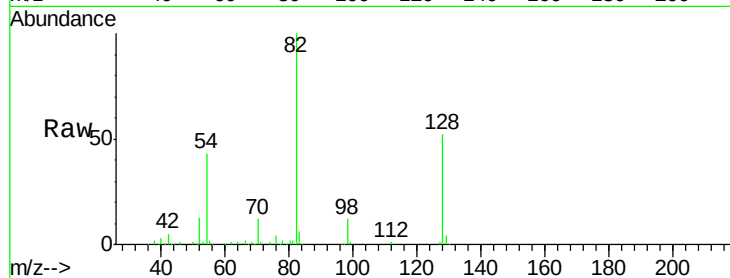
Ion Ratio Lower Upper

70 100

42 38.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099889.D

Acq: 27 Oct 2017 21:50

Tgt Ion: 136 Resp: 360149

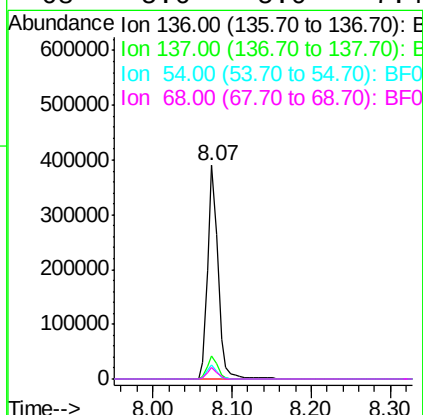
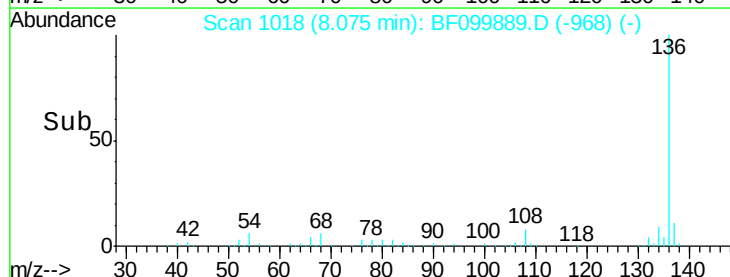
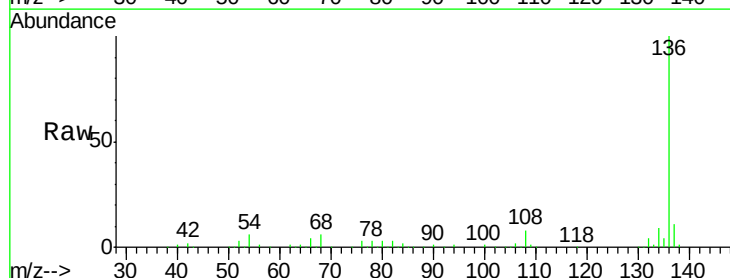
Ion Ratio Lower Upper

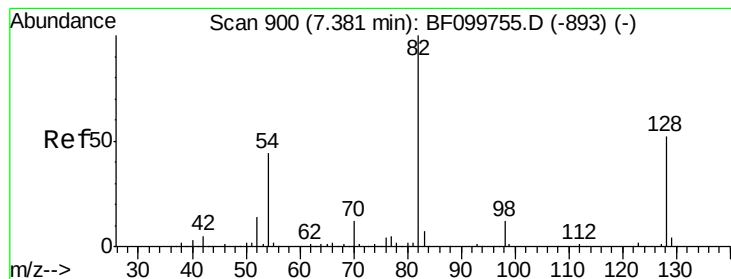
136 100

137 10.8 8.9 13.3

54 6.4 6.6 9.8#

68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 57.74 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099889.D

Acq: 27 Oct 2017 21:50

Instrument :

BNA_F

ClientSampled :

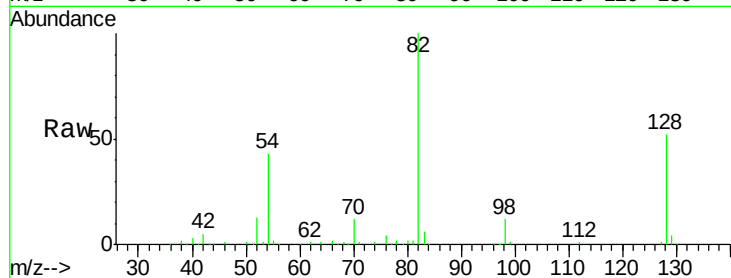
Tot Ion: 82 Resp: 322988

Ion Ratio Lower Upper

82 100

128 51.9 36.1 54.1

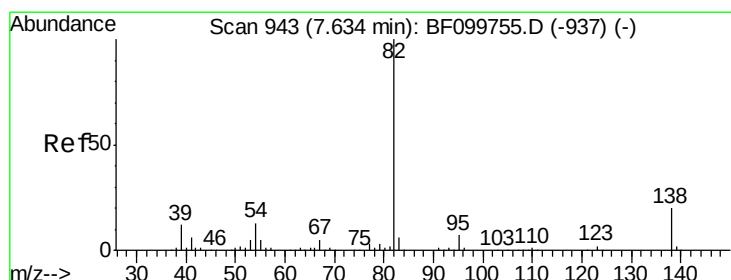
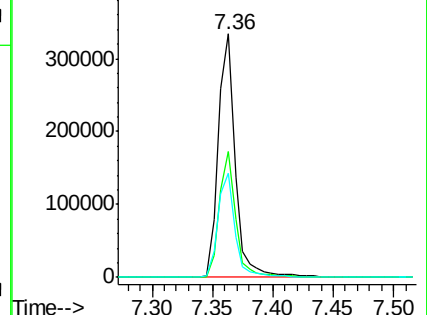
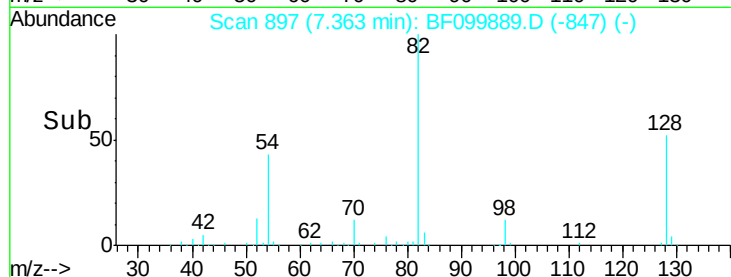
54 42.8 41.4 62.2



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: 31.82 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF099889.D

Acq: 27 Oct 2017 21:50

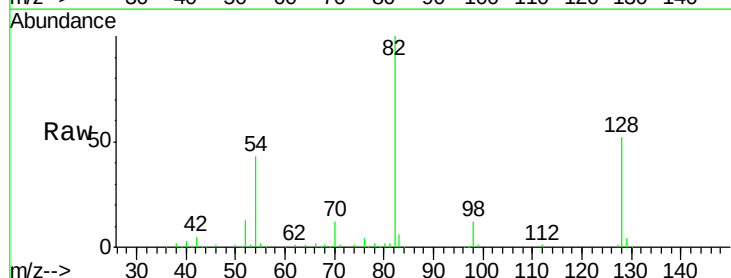
Tgt Ion: 82 Resp: 322988

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

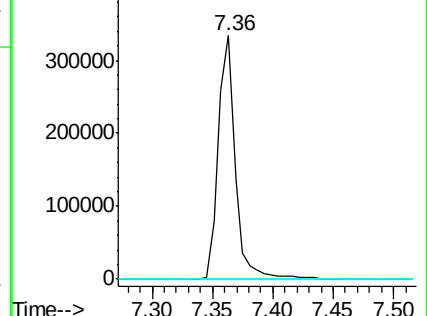
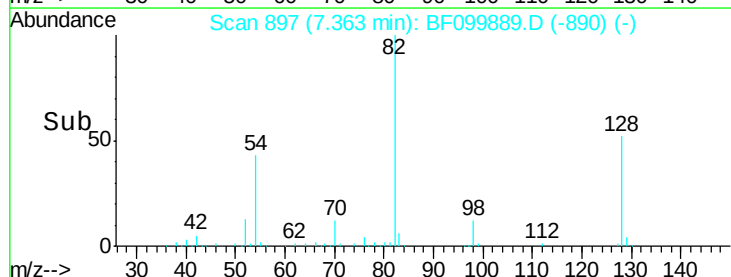
138 0.0 14.9 22.3#

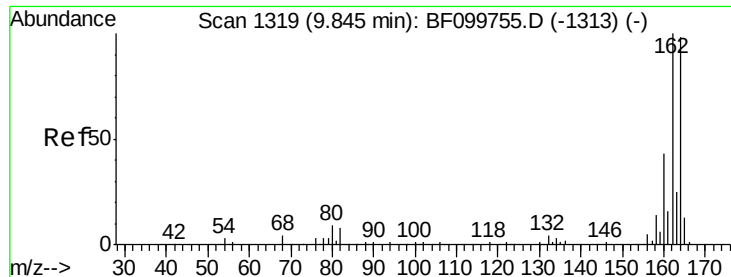


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF099889.D

Acq: 27 Oct 2017 21:50

Instrument :

BNA_F

ClientSampleId :

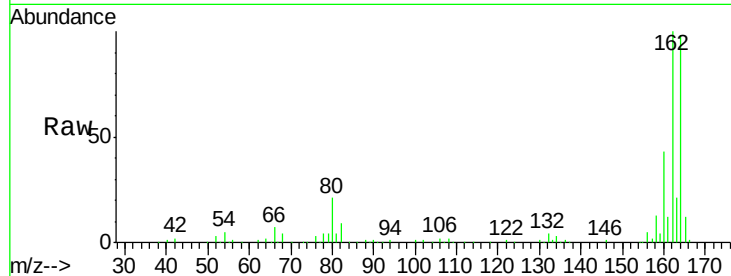
Tot Ion:164 Resp: 176012

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

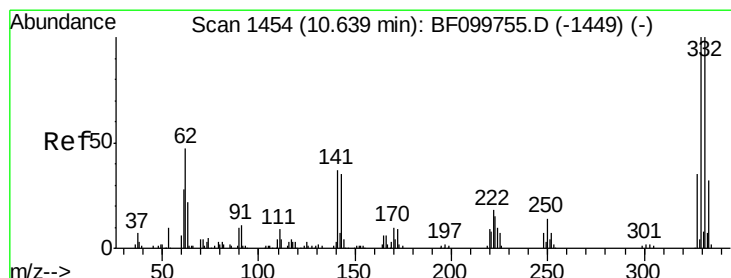
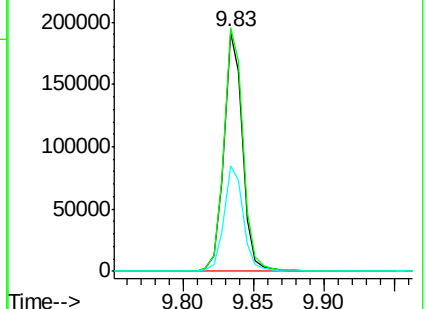
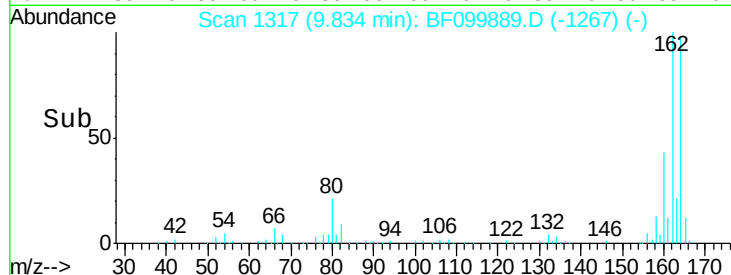
160 44.3 38.3 57.5



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: 84.27 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF099889.D

Acq: 27 Oct 2017 21:50

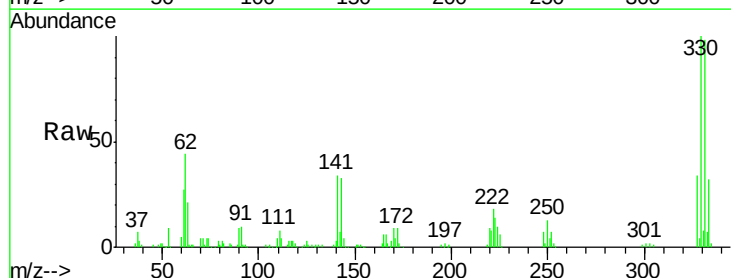
Tgt Ion:330 Resp: 135175

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

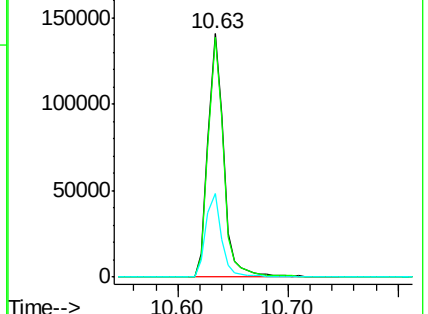
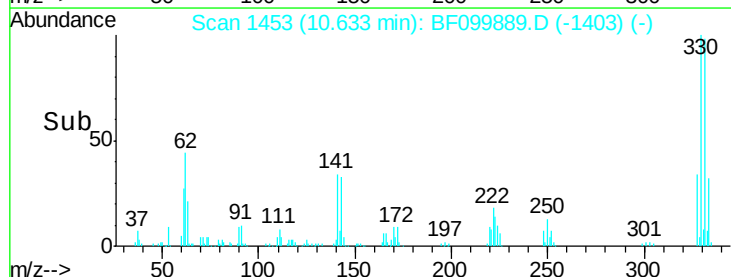
141 34.6 29.9 44.9

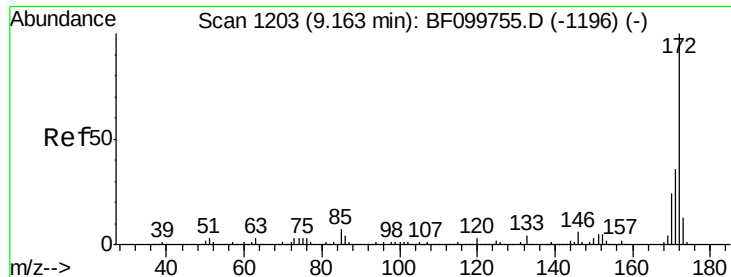


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

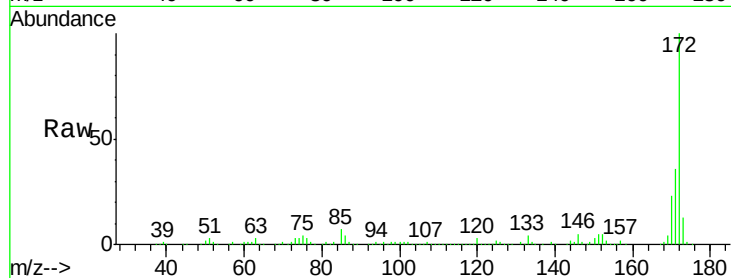




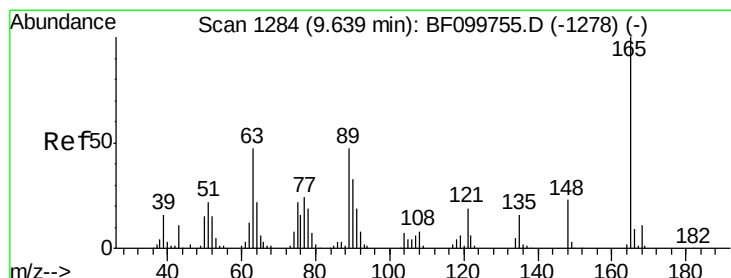
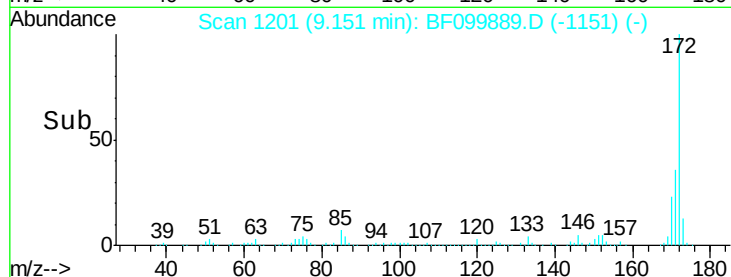
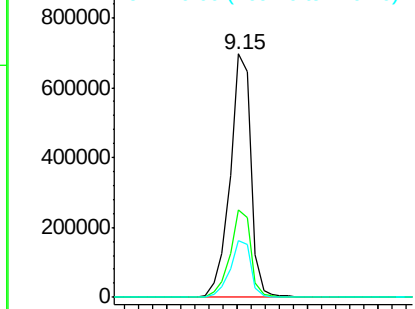
#44
2-Fluorobiphenyl
Concen: 62.84 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF099889.D
Acq: 27 Oct 2017 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 716848
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.3 19.6 29.4

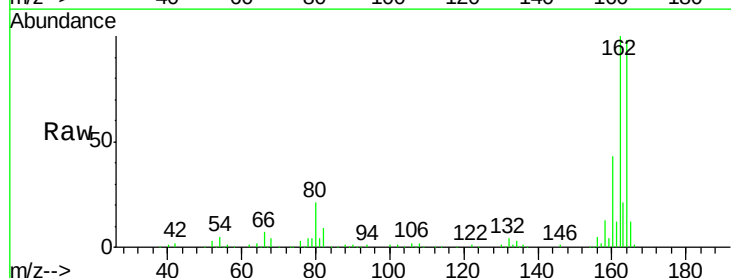


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

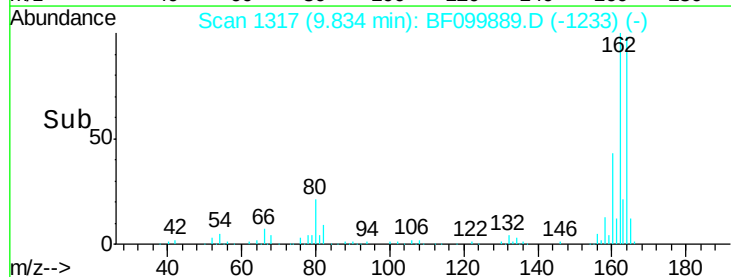
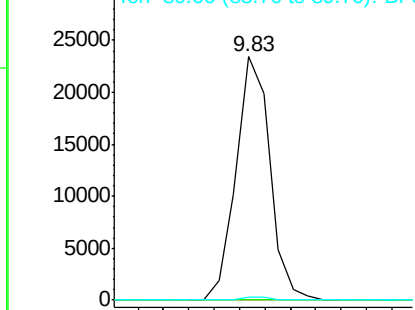


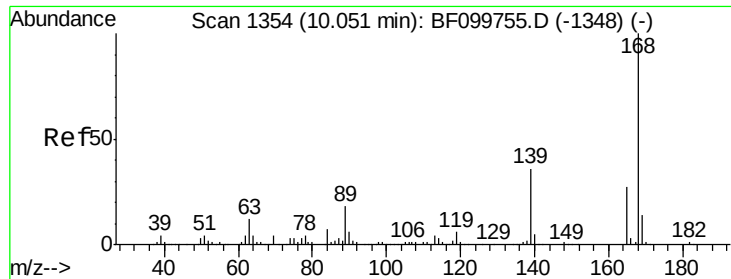
#50
2,6-Dinitrotoluene
Concen: 7.42 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.19 min
Lab File: BF099889.D
Acq: 27 Oct 2017 21:50

Tgt Ion:165 Resp: 21734
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.3 44.0 66.0#



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

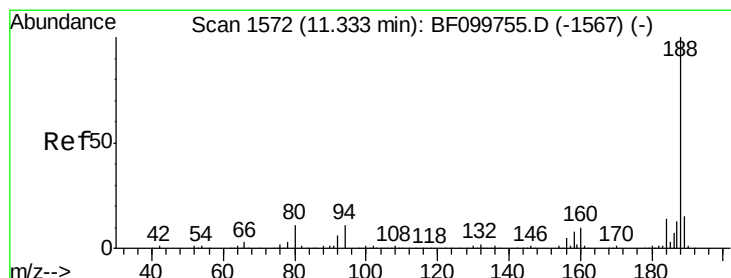
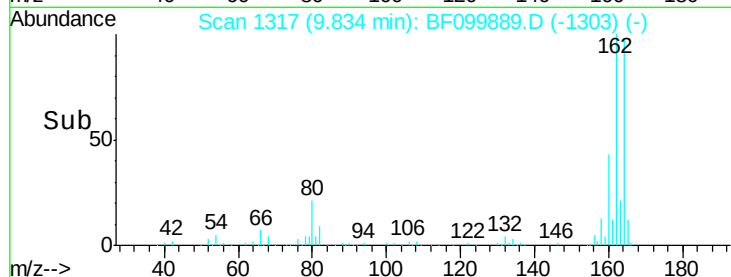
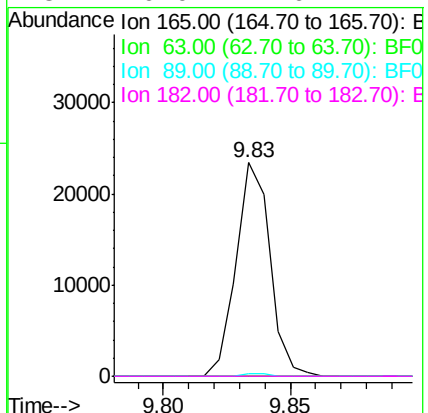
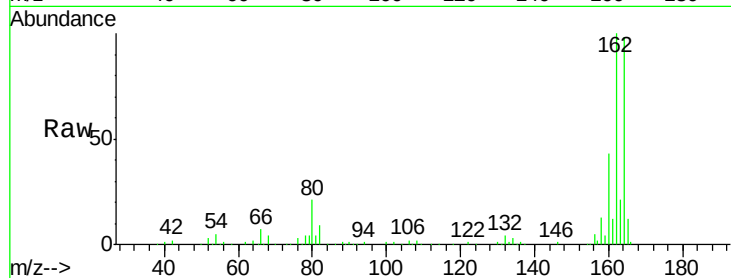




#56
 2,4-Dinitrotoluene
 Concen: 6.16 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF099889.D
 Acq: 27 Oct 2017 21:50

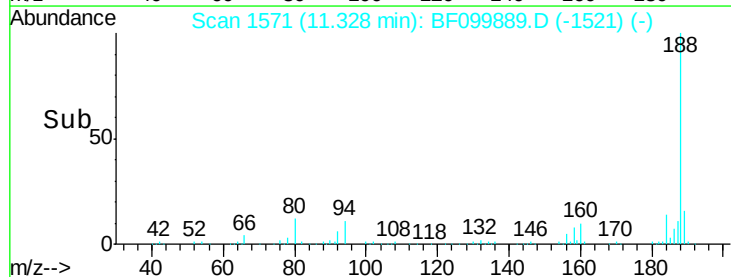
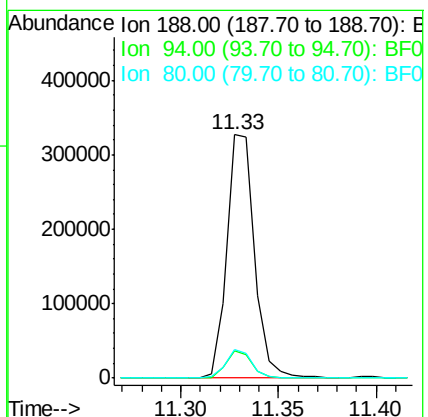
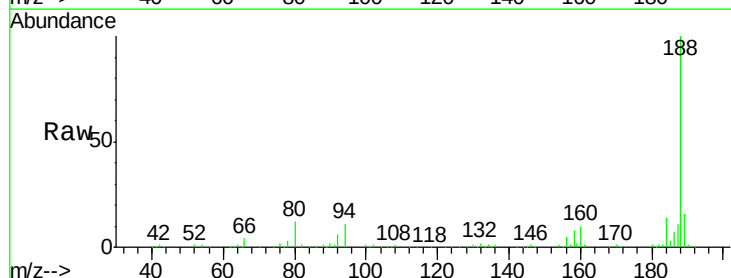
Instrument :
 BNA_F
 ClientSampleId :

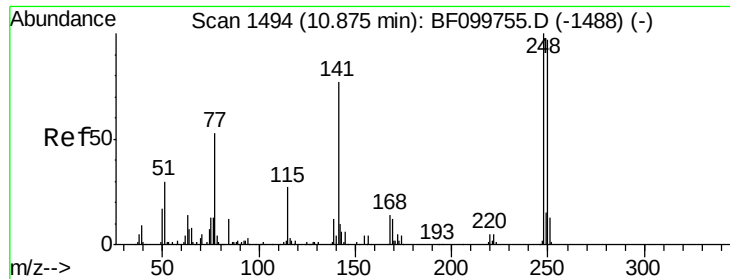
Tot Ion:165 Resp: 21734
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.3 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF099889.D
 Acq: 27 Oct 2017 21:50

Tgt Ion:188 Resp: 321669
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 11.6 9.2 13.8

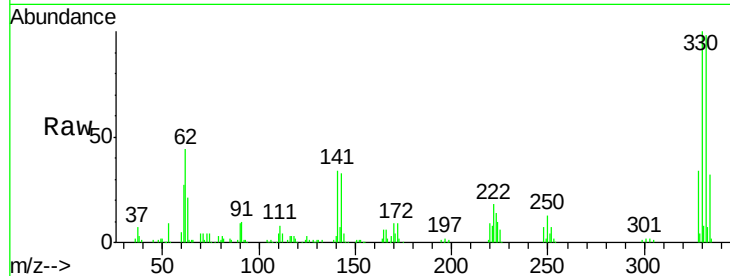




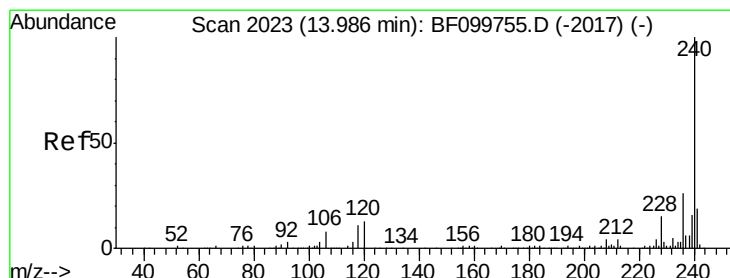
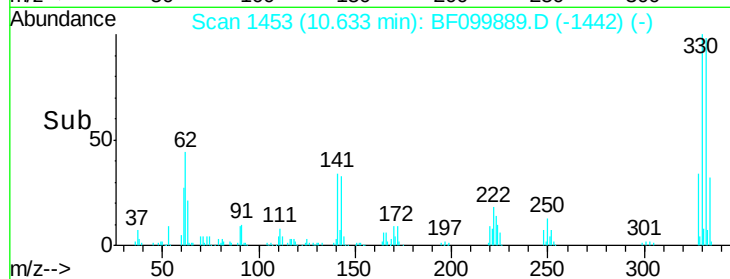
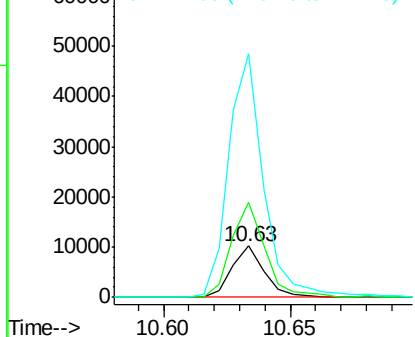
#66
4-Bromophenyl-phenylether
Concen: 2.68 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099889.D
Acq: 27 Oct 2017 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9078
Ion Ratio Lower Upper
248 100
250 184.7 76.9 115.3#
141 472.7 74.4 111.6#

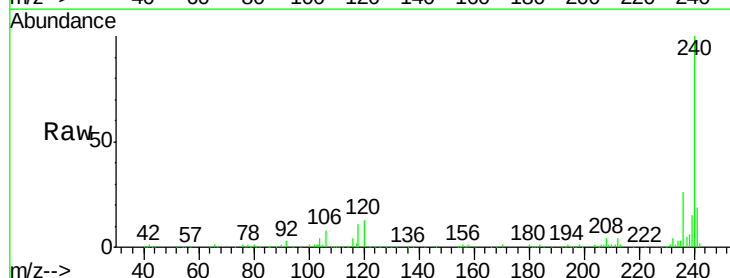


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

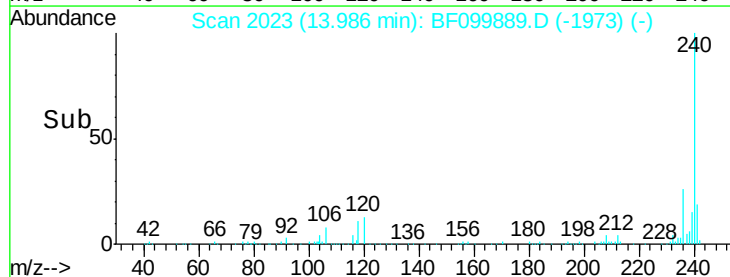
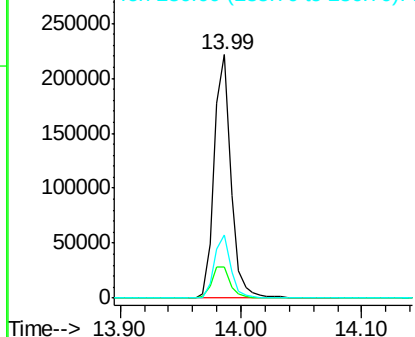


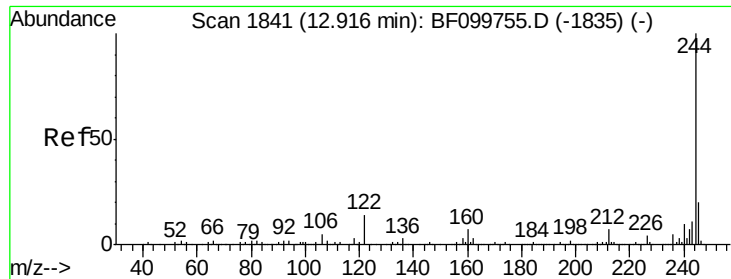
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099889.D
Acq: 27 Oct 2017 21:50

Tgt Ion:240 Resp: 209353
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 26.1 20.7 31.1



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

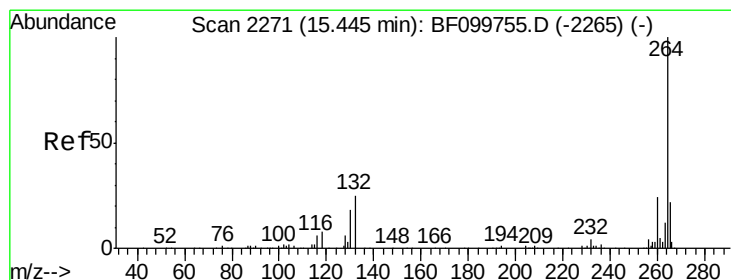
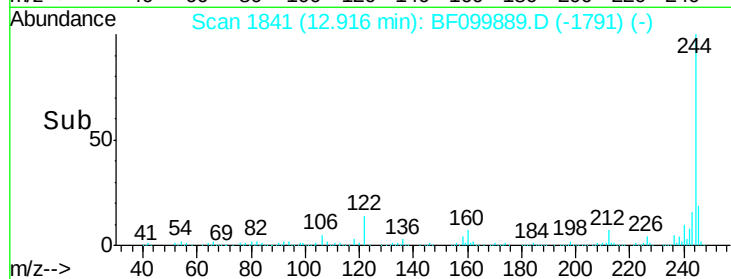
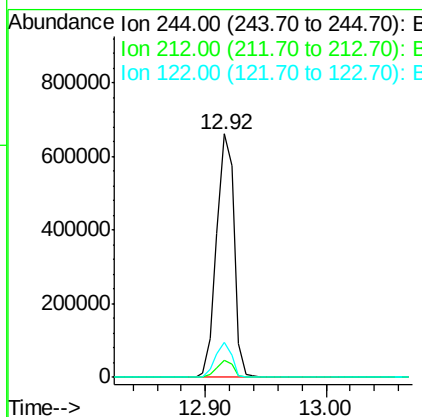
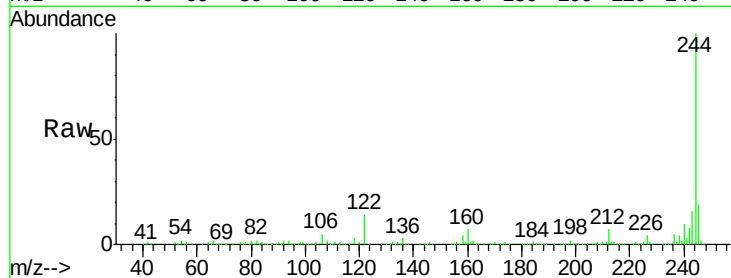




#78
 Terphenyl-d14
 Concen: 68.23 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099889.D
 Acq: 27 Oct 2017 21:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 653599
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF099889.D
 Acq: 27 Oct 2017 21:50

Tgt Ion:264 Resp: 156744
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.9 17.5 26.3

