

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099890.D
 Acq On : 27 Oct 2017 22:18
 Operator : SJ/JU
 Sample : PB103670BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 22:56:24 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

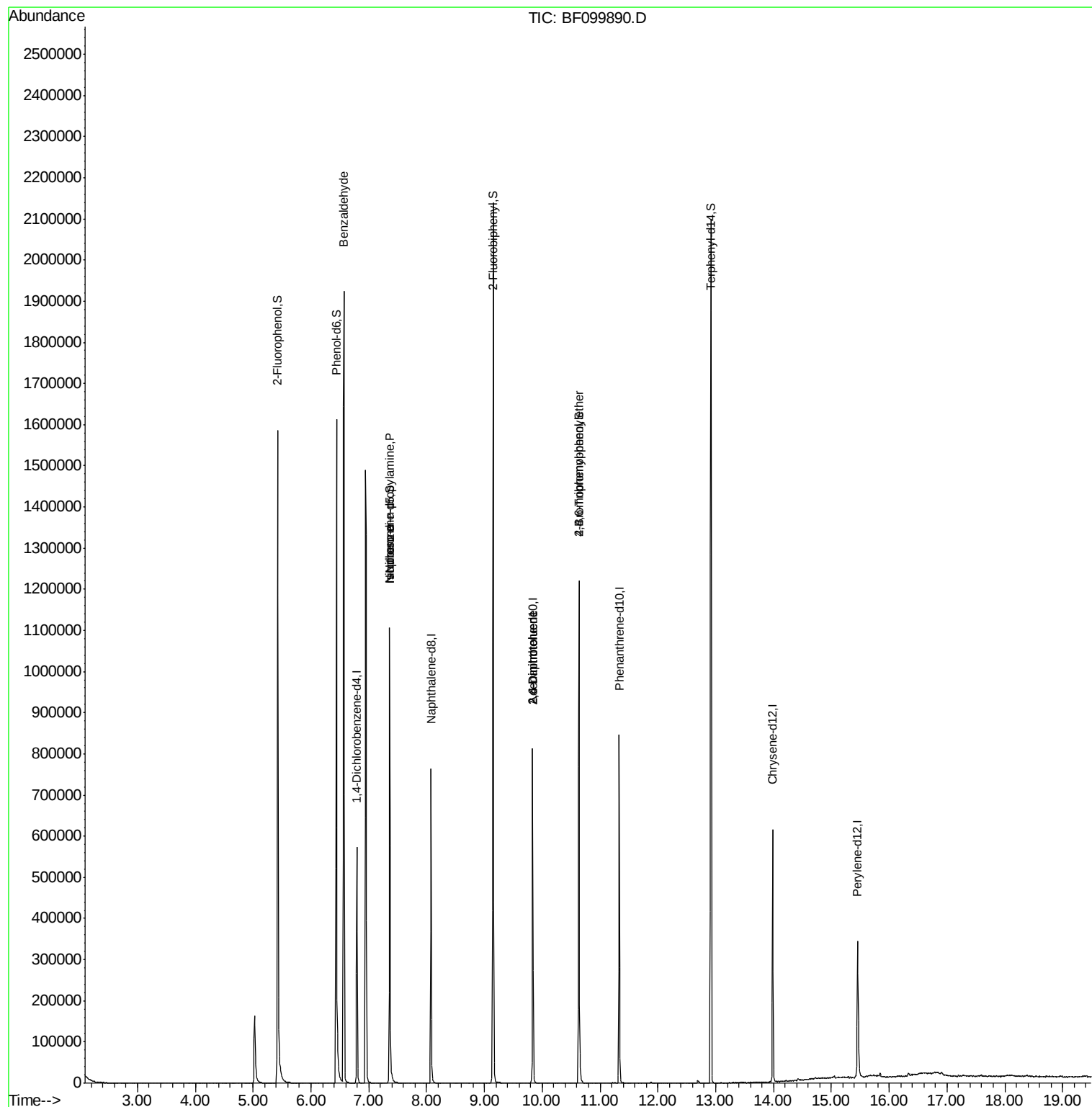
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	92147	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	382013	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	184393	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	340328	20.00	ng	0.00
75) Chrysene-d12	13.99	240	232143	20.00	ng	0.00
86) Perylene-d12	15.46	264	171548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	570236	97.15	ng	0.00
7) Phenol-d6	6.44	99	670170	96.30	ng	0.00
23) Nitrobenzene-d5	7.36	82	380998	64.21	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	159238	94.76	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	838865	70.19	ng	0.00
78) Terphenyl-d14	12.92	244	758899	71.44	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	10135	2.44	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	46809	11.48	ng	# 74
25) Isophorone	7.36	82	380998	35.39	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	23159	7.54	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	23159	6.26	ng	# 22
66) 4-Bromophenyl-phenylether	10.63	248	10382	2.90	ng	# 1

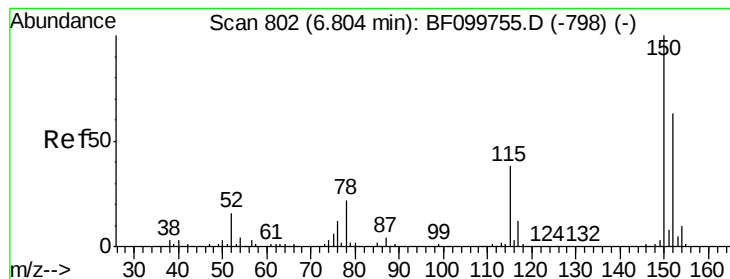
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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BNA_F
ClientSampleId :

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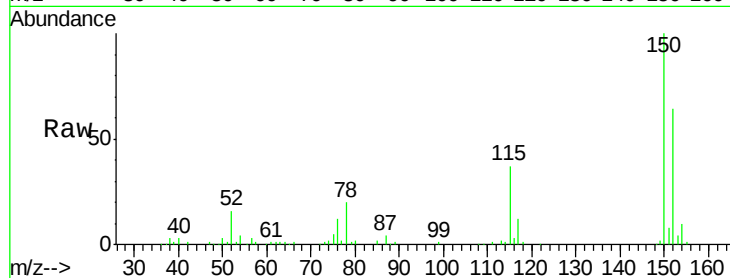


#1

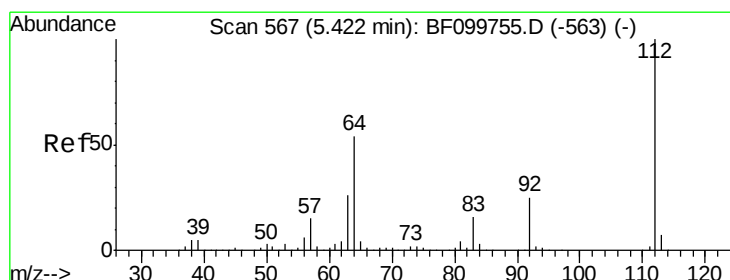
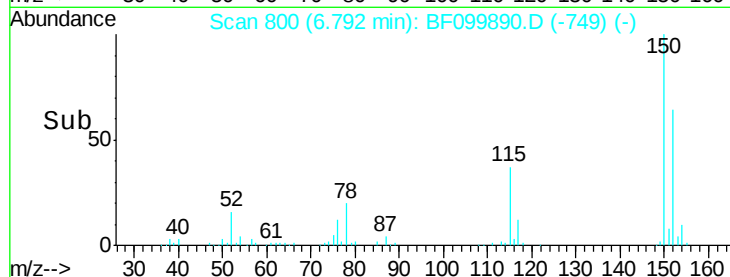
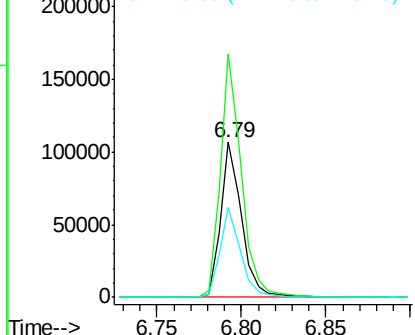
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099890.D
Acq: 27 Oct 2017 22:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 92147
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 57.9 50.1 75.1



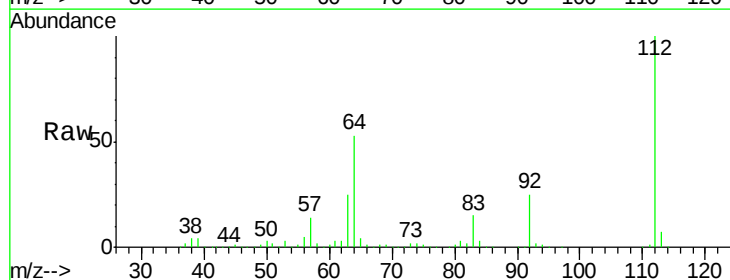
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



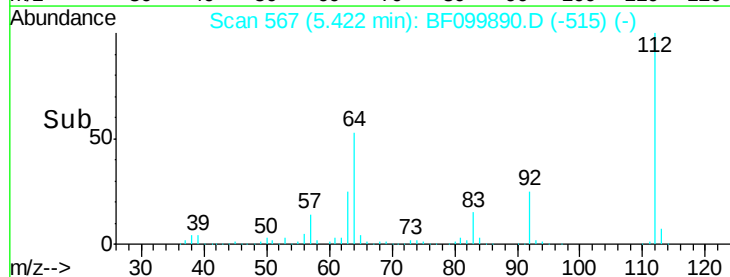
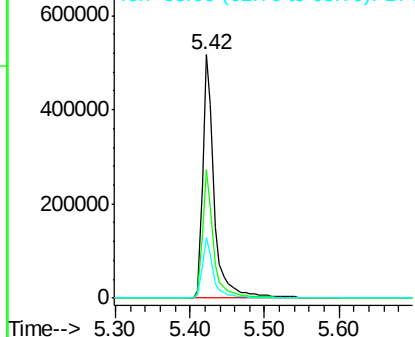
#5

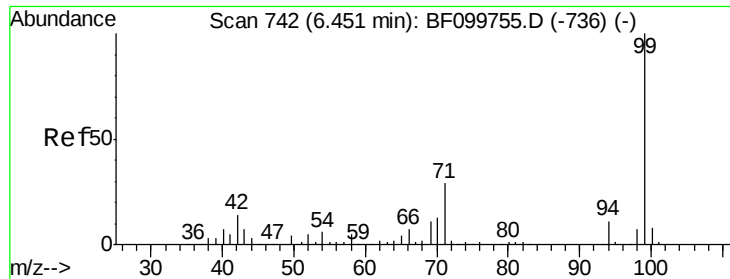
2-Fluorophenol
Concen: 97.15 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF099890.D
Acq: 27 Oct 2017 22:18

Tgt Ion:112 Resp: 570236
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 24.7 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: 96.30 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099890.D

Acq: 27 Oct 2017 22:18

Instrument :

BNA_F

ClientSampled :

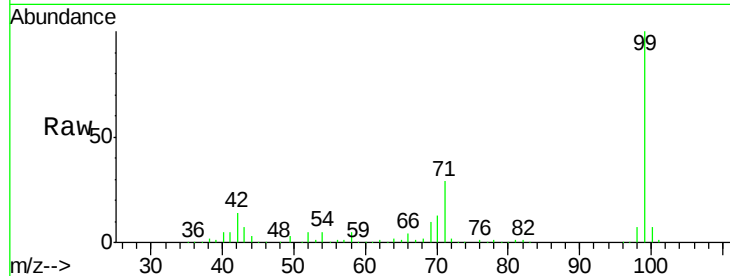
Tot Ion: 99 Resp: 670170

Ion Ratio Lower Upper

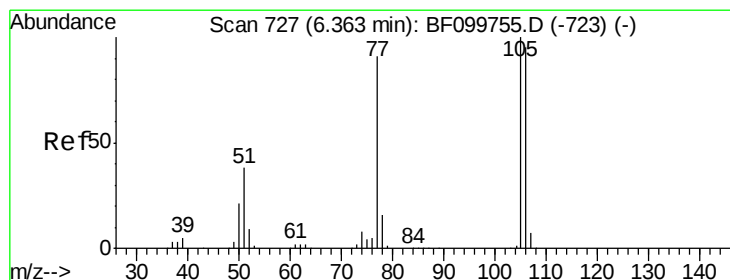
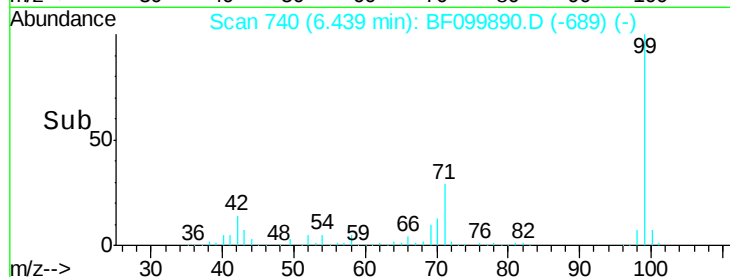
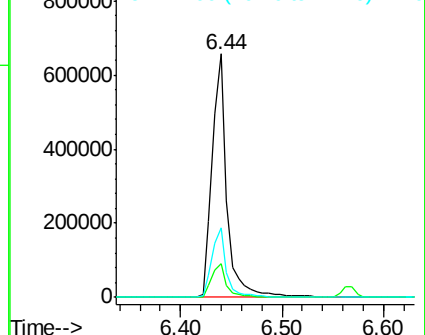
99 100

42 13.6 14.5 21.7#

71 28.5 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: 2.44 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.21 min

Lab File: BF099890.D

Acq: 27 Oct 2017 22:18

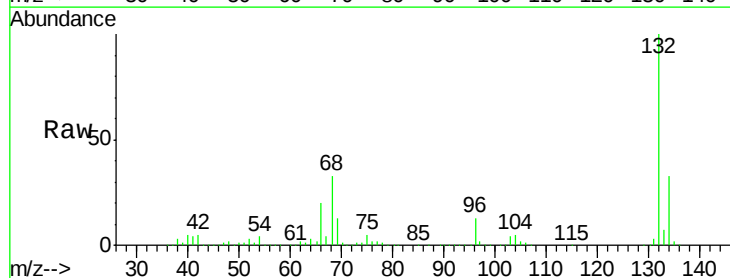
Tgt Ion: 77 Resp: 10135

Ion Ratio Lower Upper

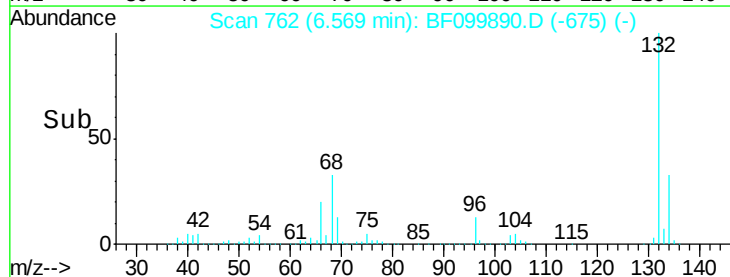
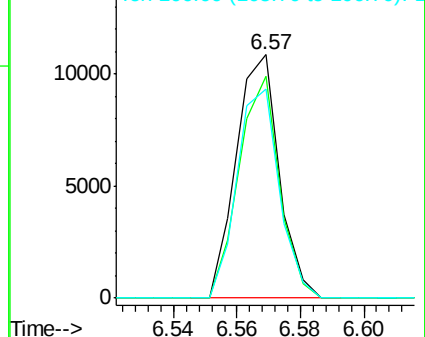
77 100

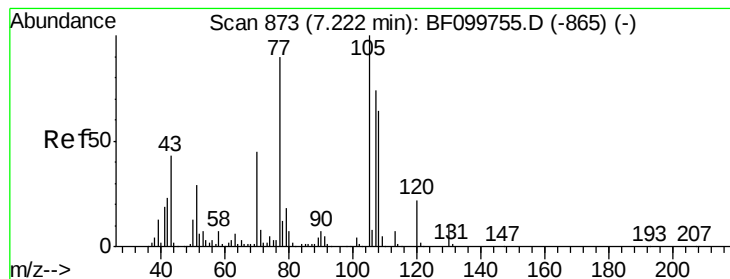
105 91.0 81.1 121.1

106 85.7 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: 11.48 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099890.D

Acq: 27 Oct 2017 22:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 46809

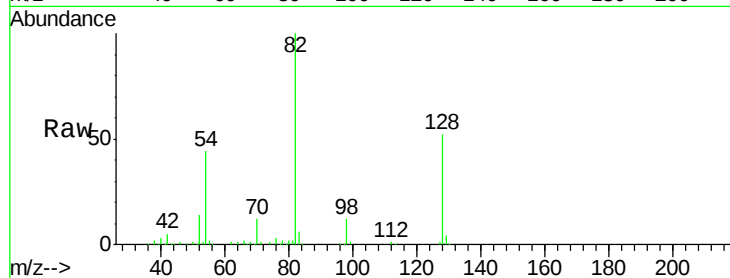
Ion Ratio Lower Upper

70 100

42 43.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

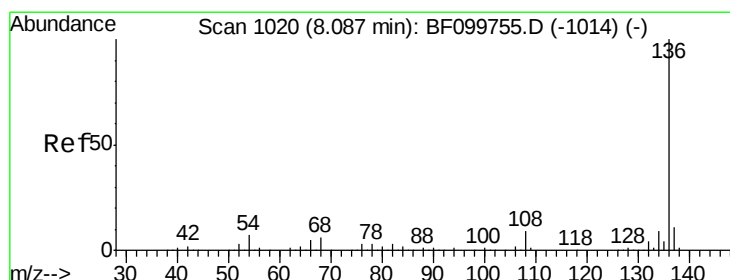
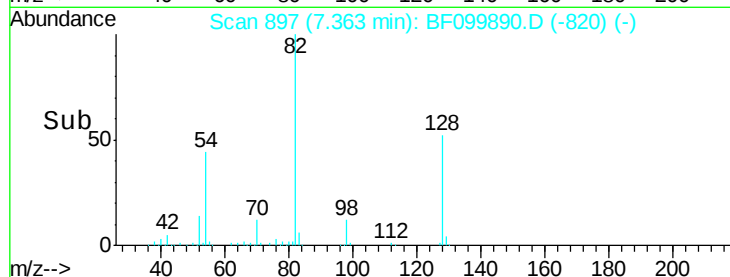
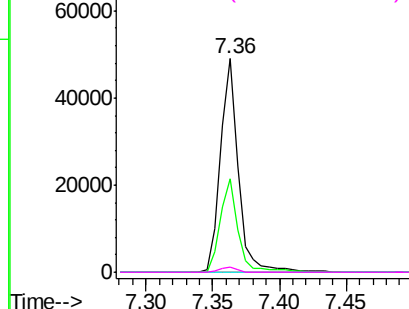


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099890.D

Acq: 27 Oct 2017 22:18

Tgt Ion:136 Resp: 382013

Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.8 6.6 9.8

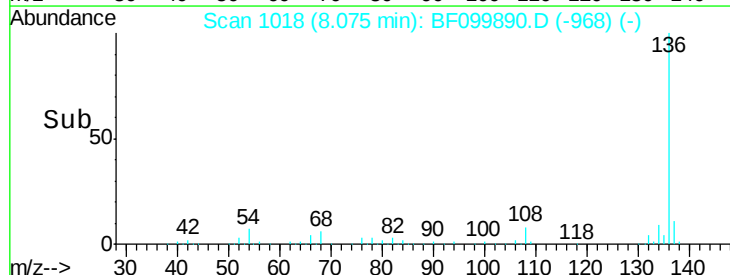
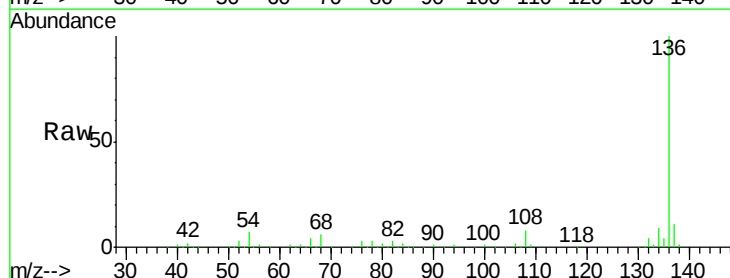
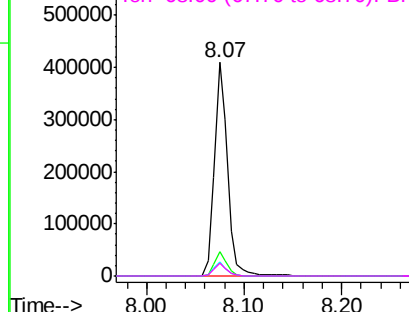
68 5.9 5.0 7.4

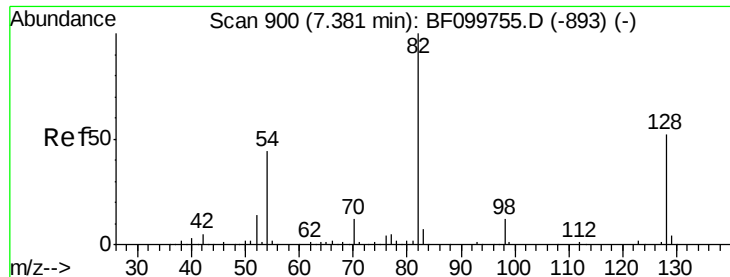
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

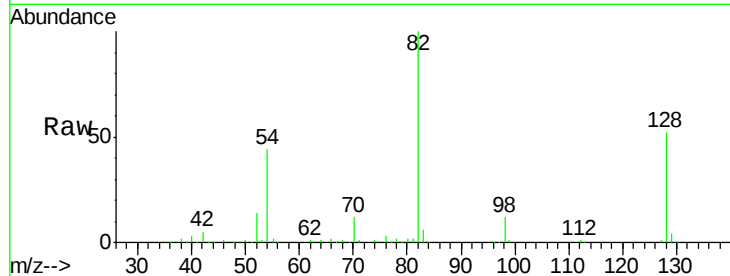




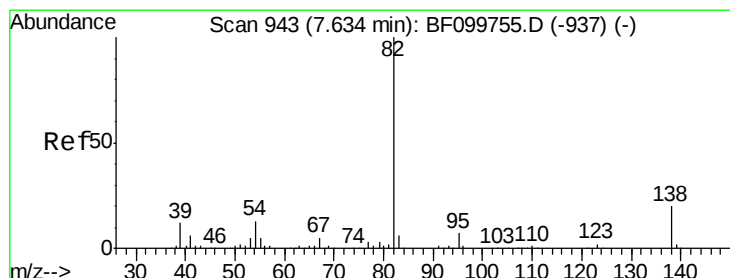
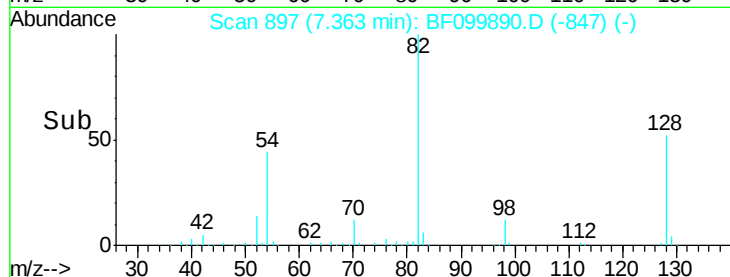
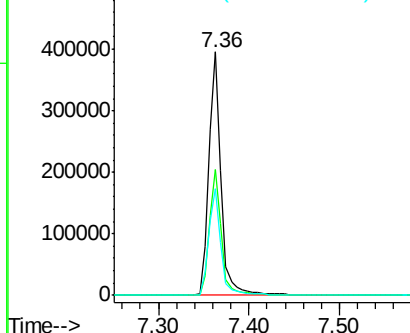
#23
Nitrobenzene-d5
Concen: 64.21 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099890.D
Acq: 27 Oct 2017 22:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.9	36.1	54.1
54	43.6	41.4	62.2

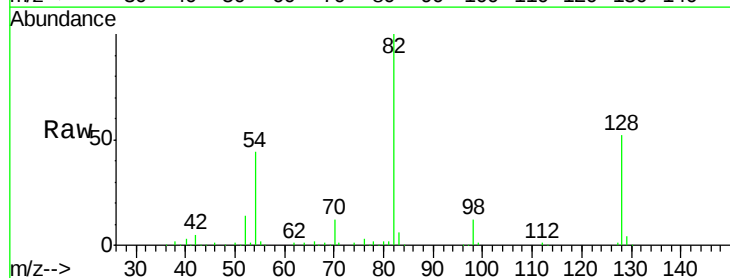


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

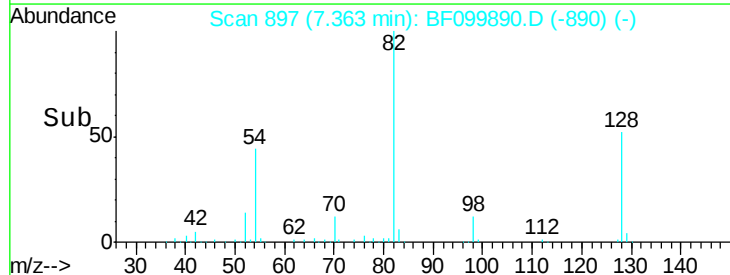
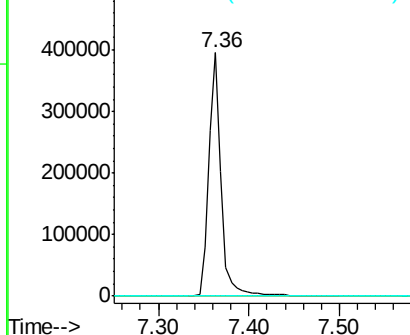


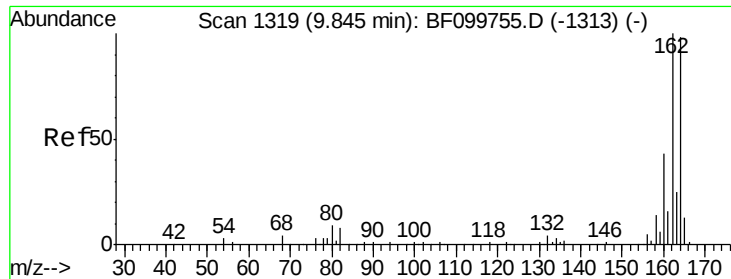
#25
Isophorone
Concen: 35.39 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF099890.D
Acq: 27 Oct 2017 22:18

Tgt 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: BF099890.D

Acq: 27 Oct 2017 22:18

Instrument :

BNA_F

ClientSampled :

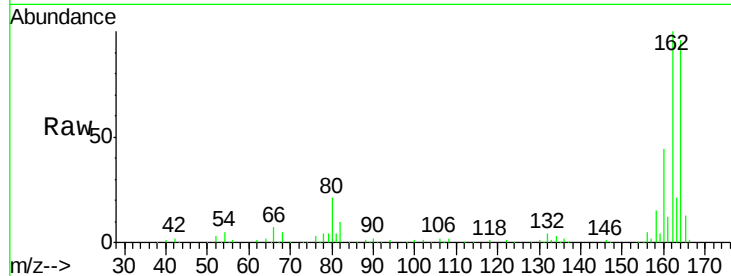
Tot Ion:164 Resp: 184393

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

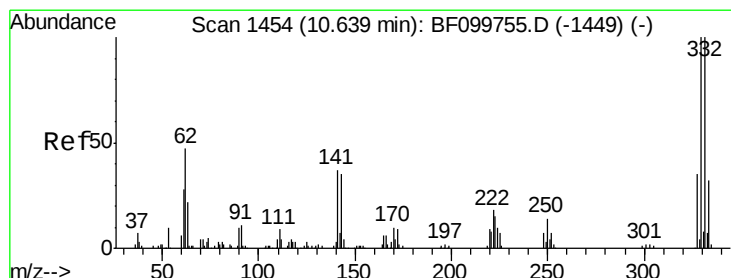
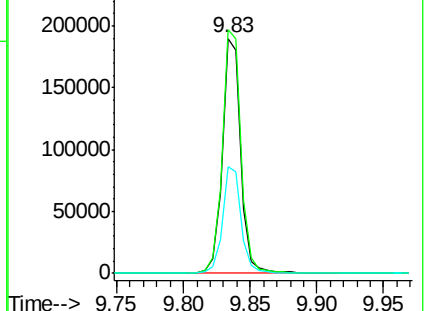
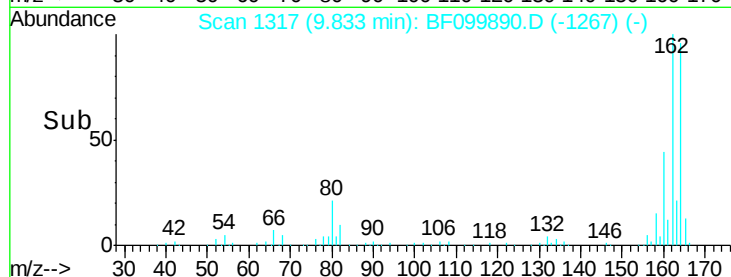
160 45.2 38.3 57.5



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: 94.76 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF099890.D

Acq: 27 Oct 2017 22:18

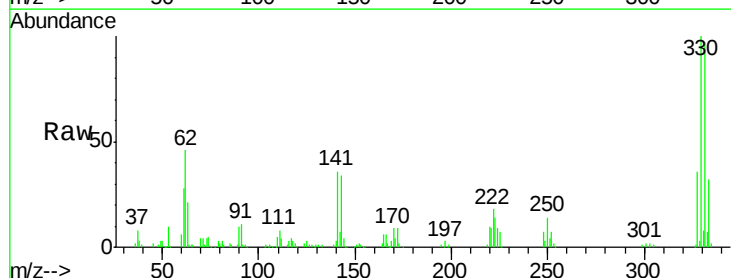
Tgt Ion:330 Resp: 159238

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

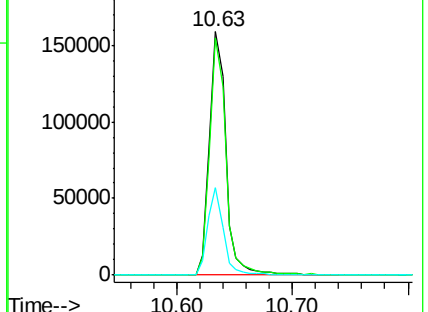
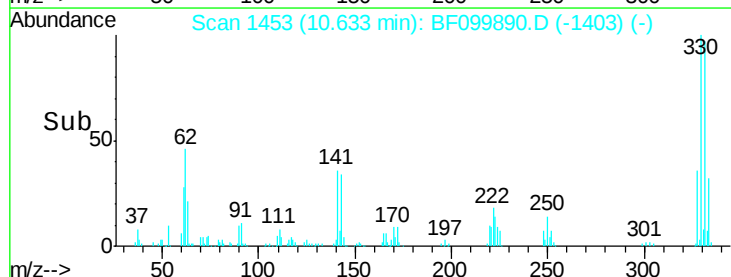
141 34.2 29.9 44.9

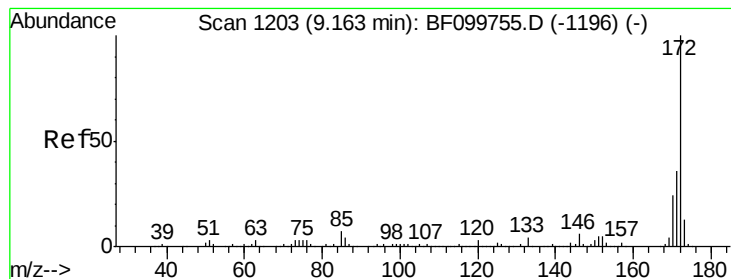


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 70.19 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF099890.D

Acq: 27 Oct 2017 22:18

Instrument :

BNA_F

ClientSampleId :

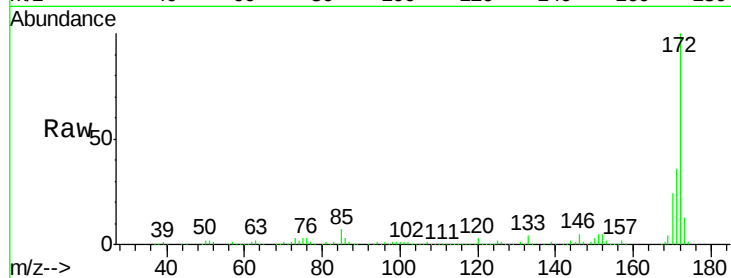
Tot Ion:172 Resp: 838865

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

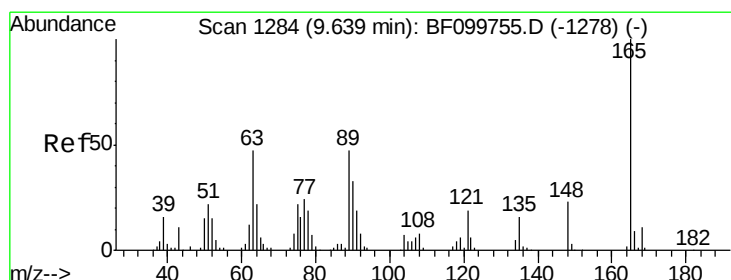
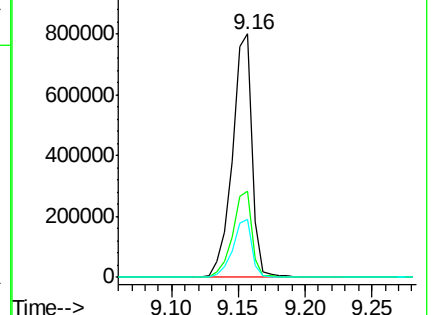
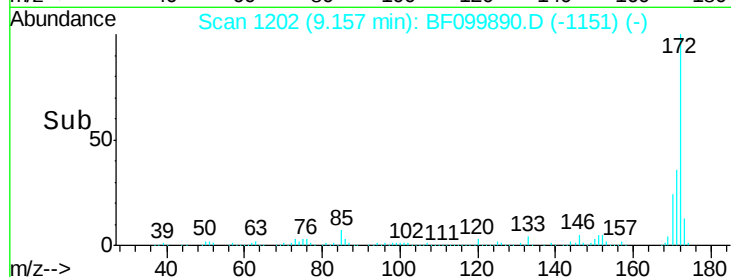
170 23.7 19.6 29.4



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: 7.54 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.19 min

Lab File: BF099890.D

Acq: 27 Oct 2017 22:18

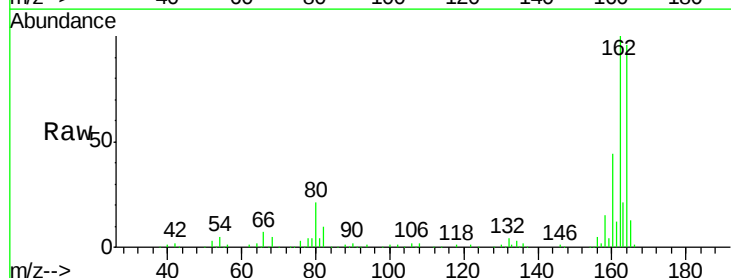
Tgt Ion:165 Resp: 23159

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

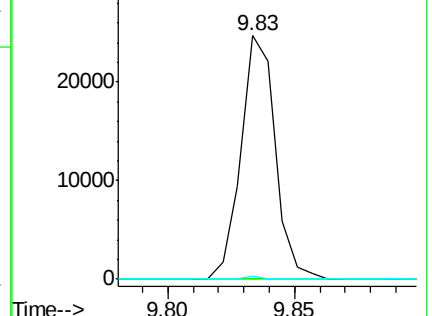
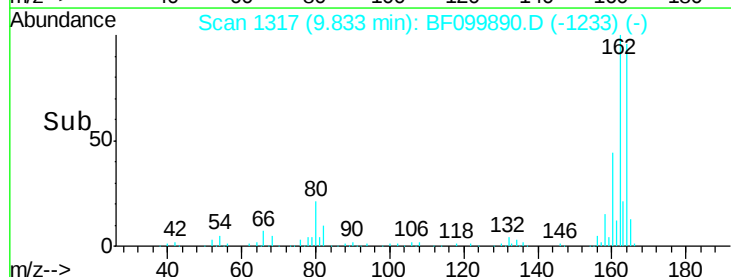
89 1.3 44.0 66.0#

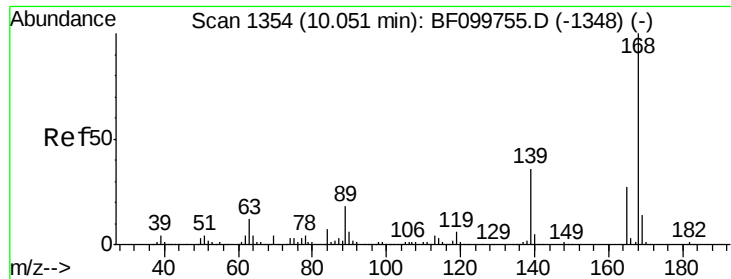


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

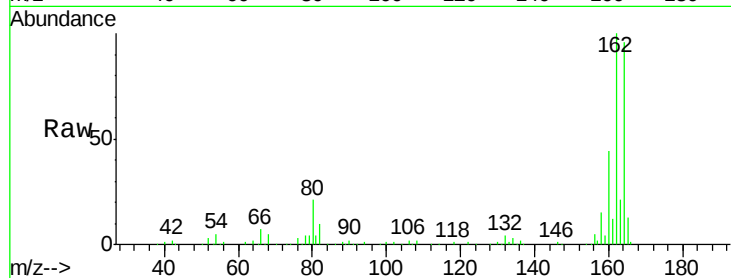




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF099890.D
 Acq: 27 Oct 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	23159
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#

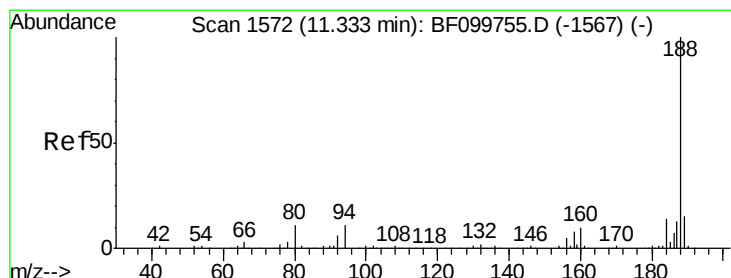
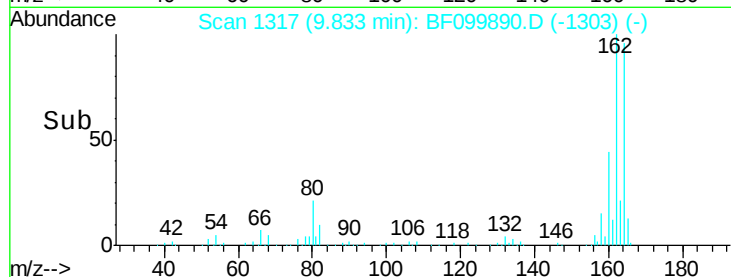
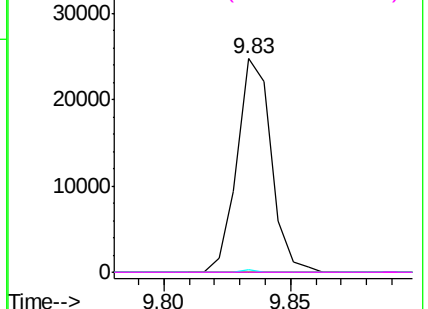


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

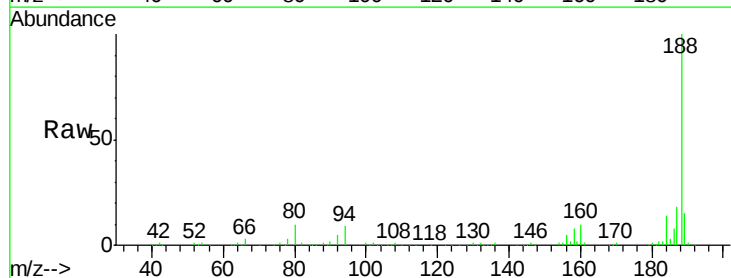
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF099890.D
 Acq: 27 Oct 2017 22:18

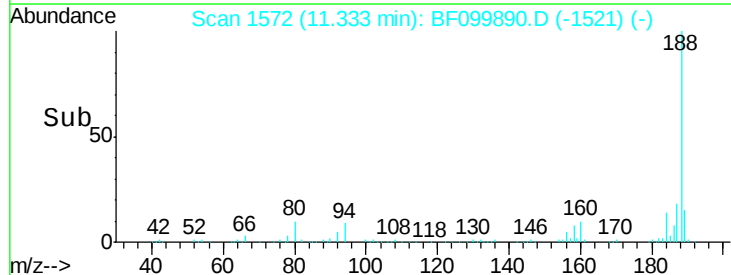
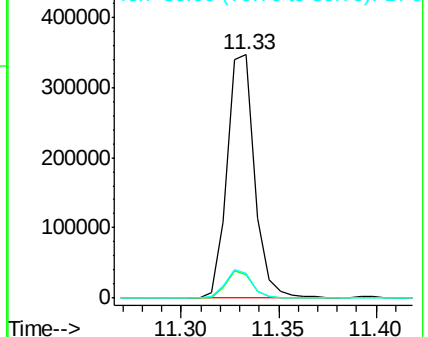
Tgt Ion:188	Resp:	340328
Ion Ratio	Lower	Upper
188	100	
94	9.5	8.5 12.7
80	10.0	9.2 13.8

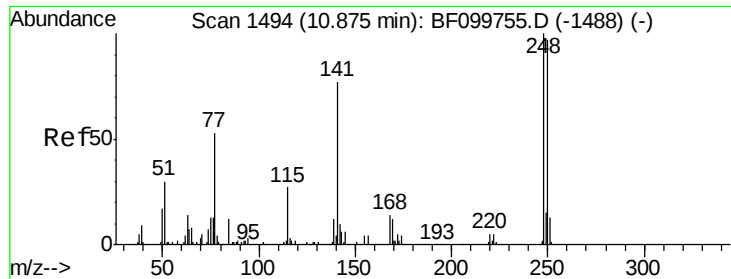


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

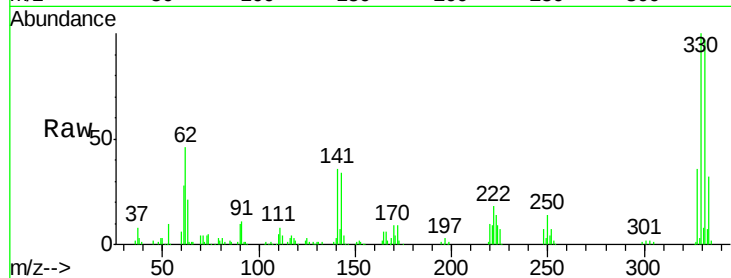




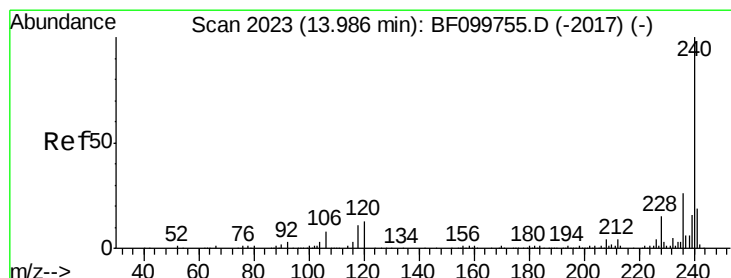
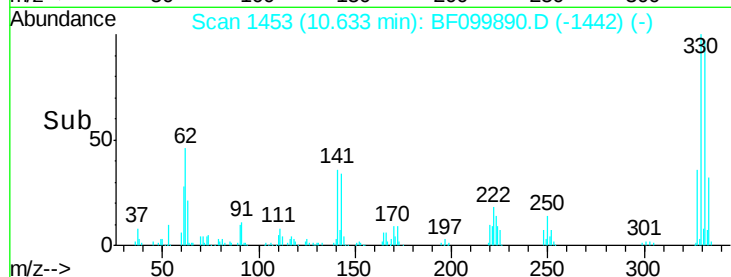
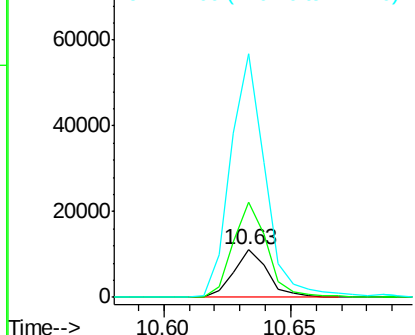
#66
4-Bromophenyl-phenylether
Concen: 2.90 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099890.D
Acq: 27 Oct 2017 22:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10382
Ion Ratio Lower Upper
248 100
250 202.3 76.9 115.3#
141 514.3 74.4 111.6#

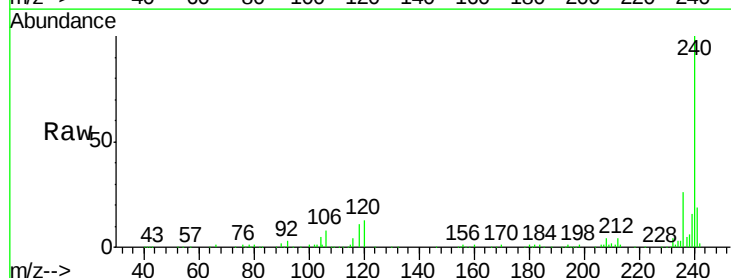


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

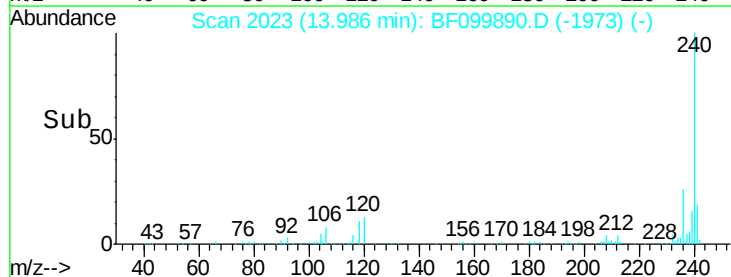
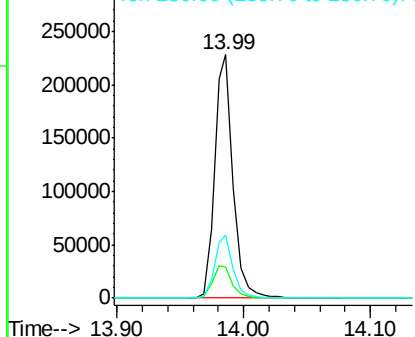


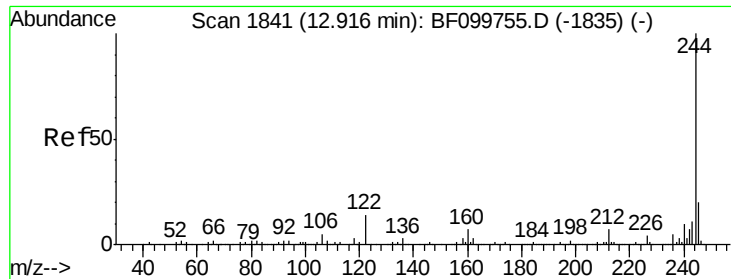
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099890.D
Acq: 27 Oct 2017 22:18

Tgt Ion:240 Resp: 232143
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.0 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

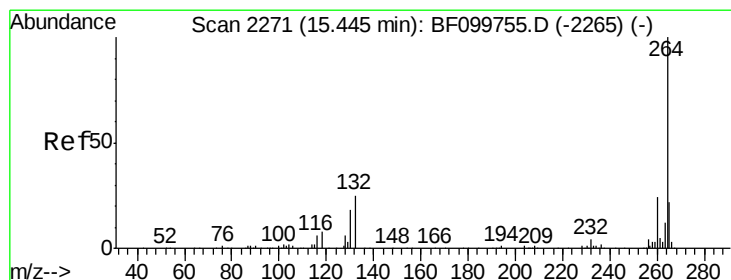
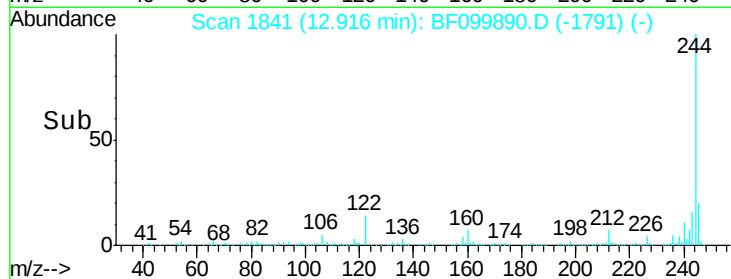
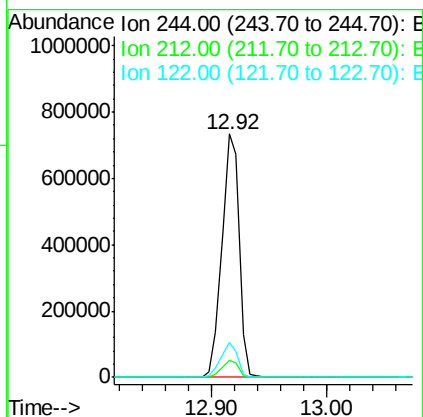
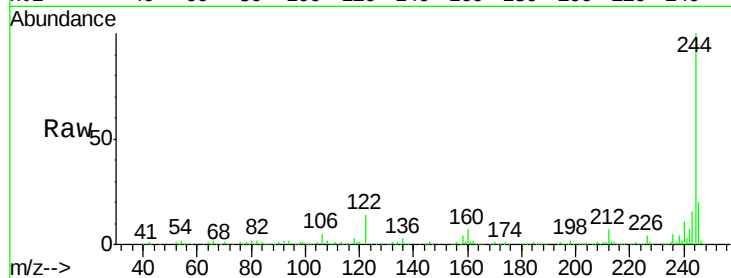




#78
 Terphenyl-d14
 Concen: 71.44 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099890.D
 Acq: 27 Oct 2017 22:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 758899
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.1 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: BF099890.D
 Acq: 27 Oct 2017 22:18

Tgt Ion:264 Resp: 171548
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.8 17.5 26.3

