

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101632.D
 Acq On : 22 Dec 2017 4:01
 Operator : SJ/JU
 Sample : I7008-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:58:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

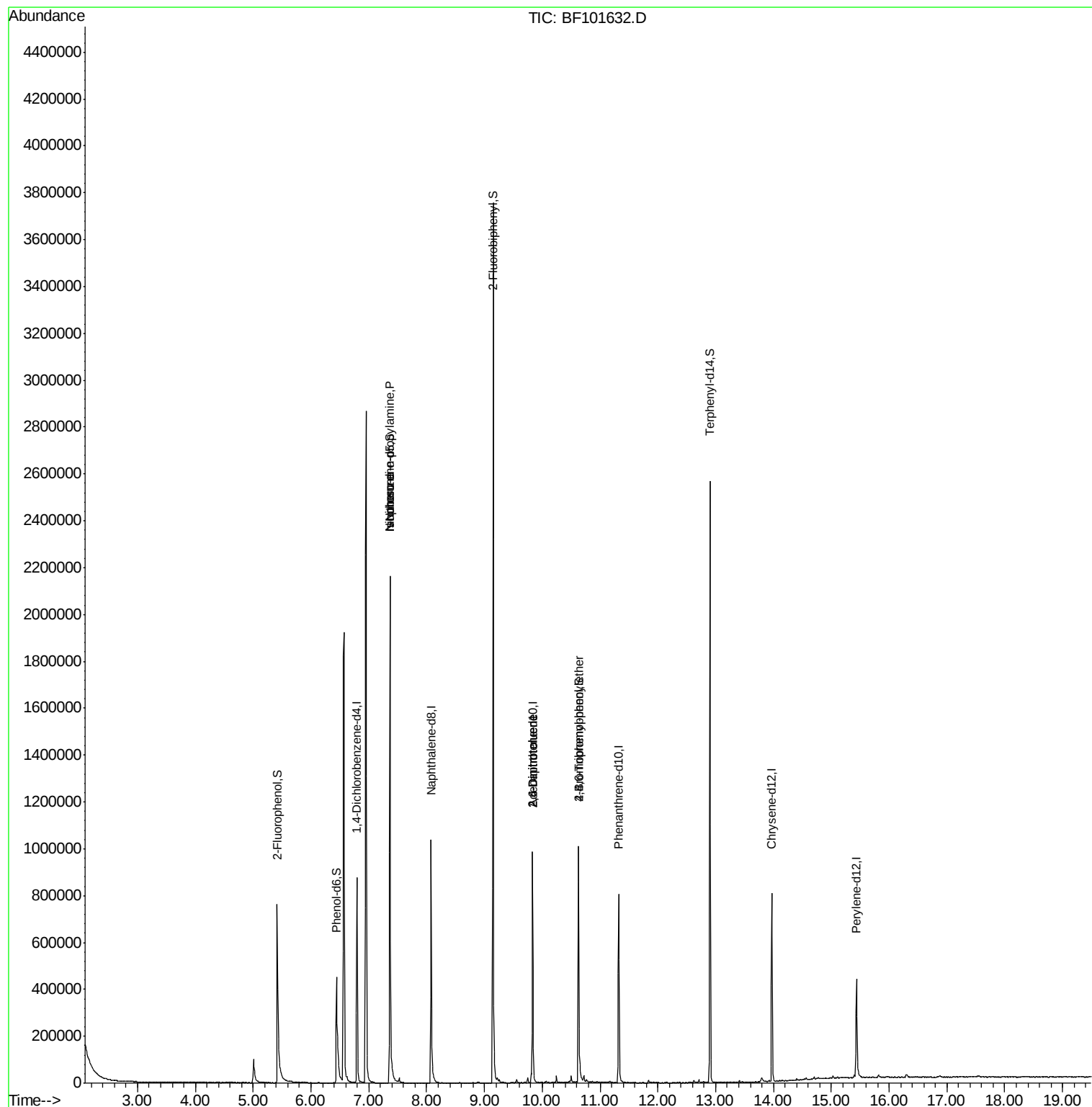
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139370	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	530943	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202842	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	314645	20.00	ng	0.00
75) Chrysene-d12	13.97	240	294154	20.00	ng	0.00
86) Perylene-d12	15.43	264	236867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	348519	37.25	ng	0.00
7) Phenol-d6	6.44	99	259159	22.26	ng	0.00
23) Nitrobenzene-d5	7.37	82	820018	85.97	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	142055	72.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1263260	96.61	ng	0.00
78) Terphenyl-d14	12.90	244	854087	70.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	108429	14.179	ng	# 82
25) Isophorone	7.37	82	820018	42.857	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	25500	7.690	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	25500	6.825	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	8744	2.473	ng	# 1

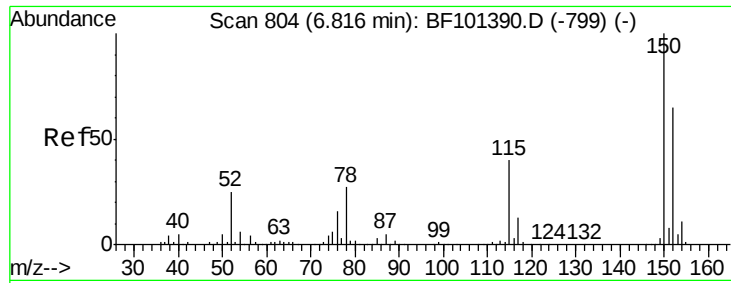
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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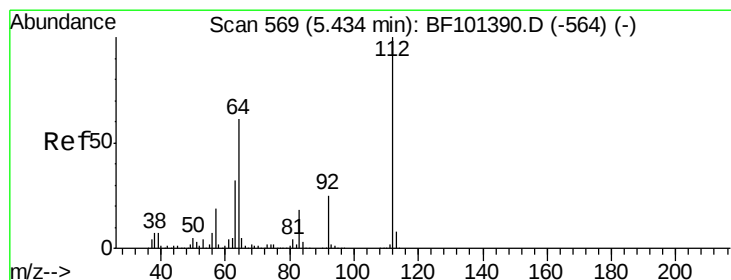
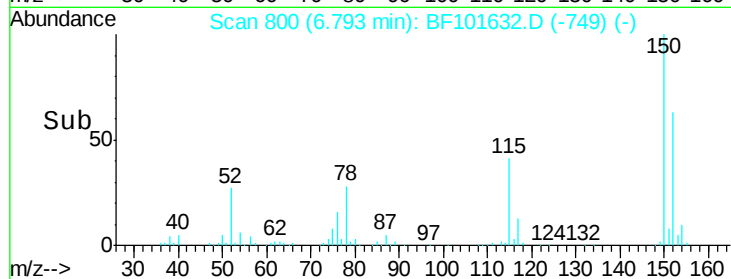
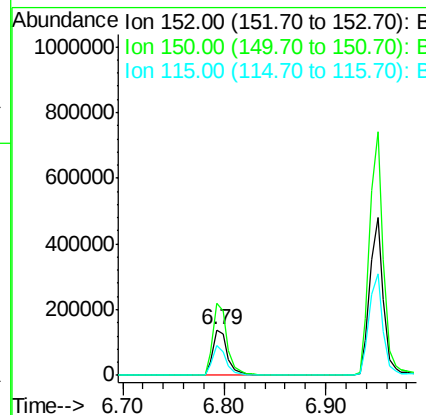
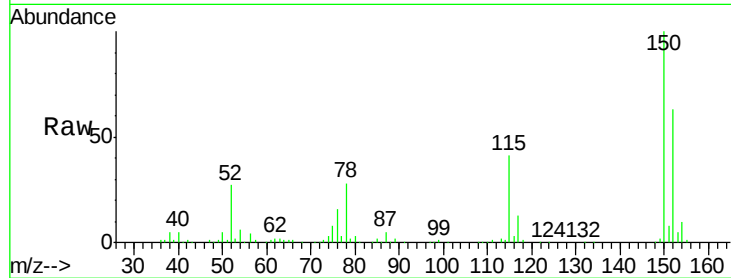


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF101632.D
 Acq: 22 Dec 2017 4:01

Instrument :
 BNA_F
 ClientSampleId :

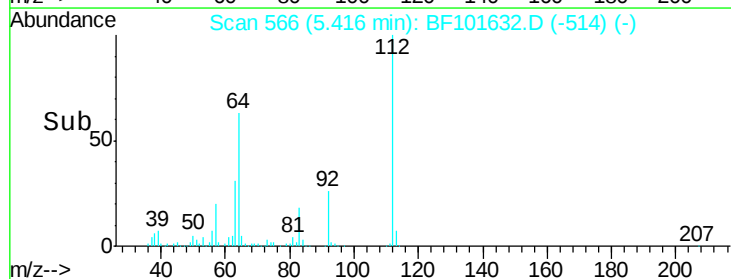
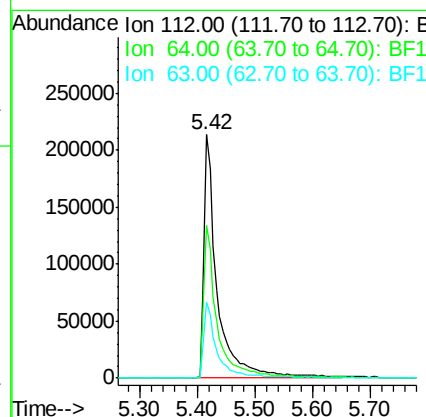
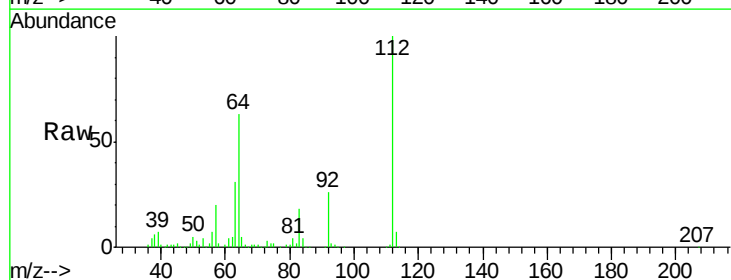
Tot Ion:152 Resp: 139370
 Ion Ratio Lower Upper
 152 100
 150 159.8 124.6 186.8
 115 64.8 50.1 75.1

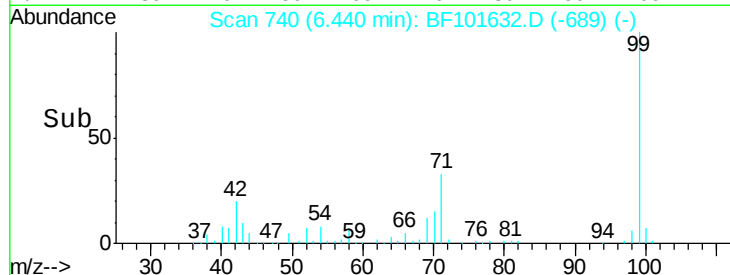
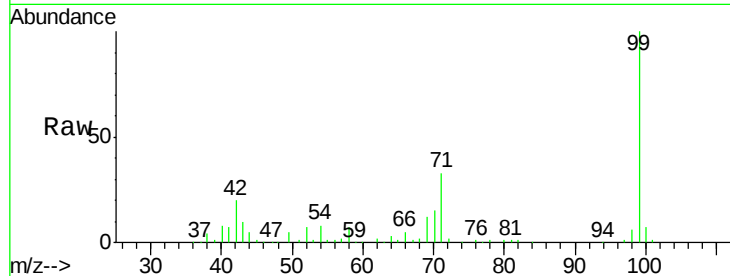
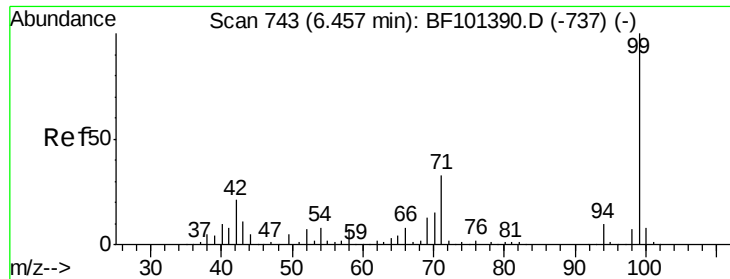


#5

2-Fluorophenol
 Concen: 37.250 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101632.D
 Acq: 22 Dec 2017 4:01

Tgt Ion:112 Resp: 348519
 Ion Ratio Lower Upper
 112 100
 64 62.7 47.9 71.9
 63 31.3 23.7 35.5





#7

Phenol-d6

Concen: 22.256 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101632.D

Acq: 22 Dec 2017 4:01

Instrument :

BNA_F

ClientSampleId :

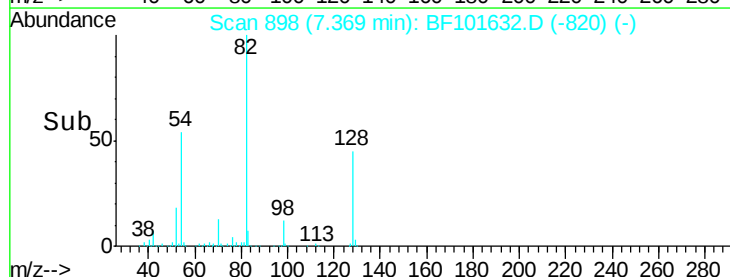
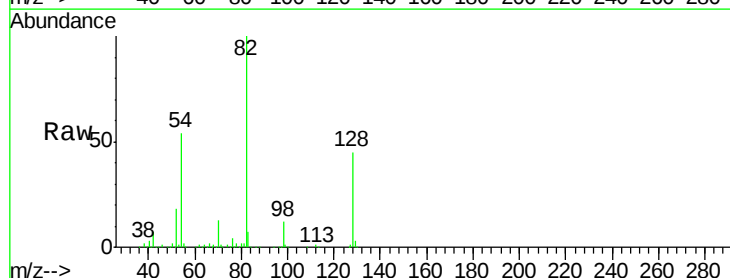
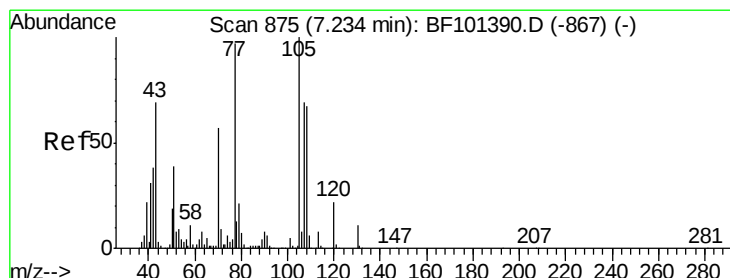
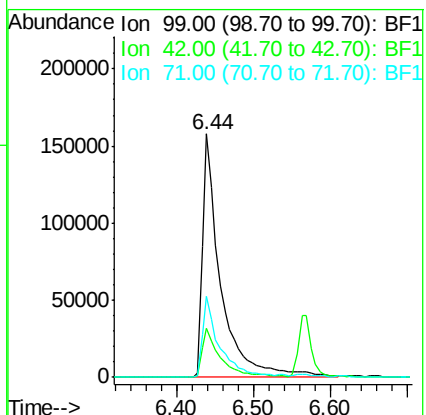
Tot Ion: 99 Resp: 259159

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 33.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.179 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.16 min

Lab File: BF101632.D

Acq: 22 Dec 2017 4:01

Tgt Ion: 70 Resp: 108429

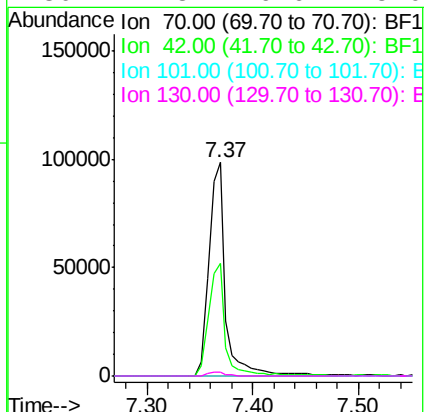
Ion Ratio Lower Upper

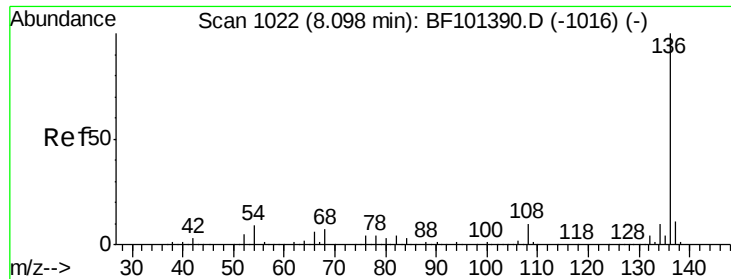
70 100

42 52.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

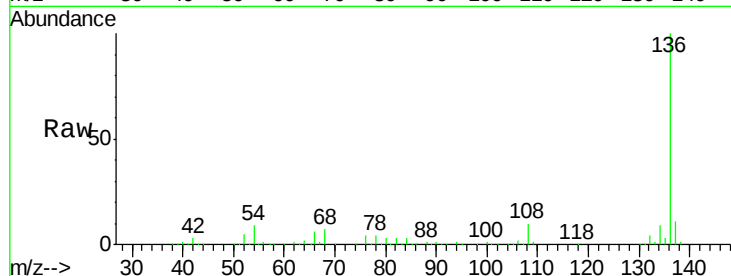




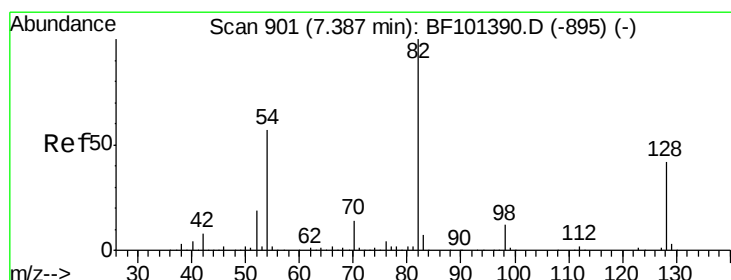
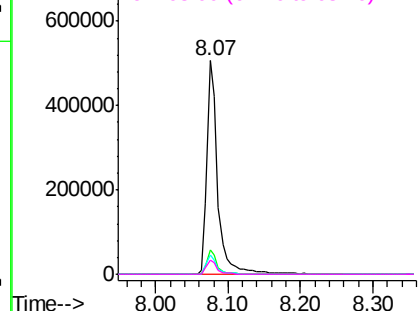
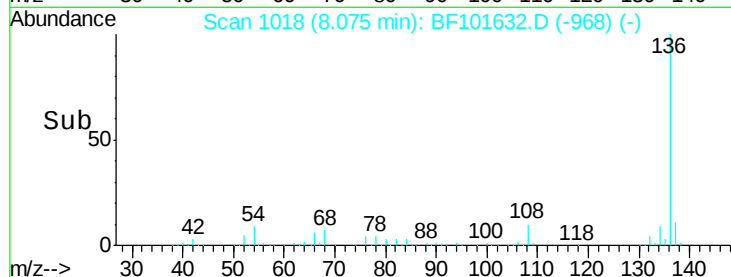
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101632.D
Acq: 22 Dec 2017 4:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	530943
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	6.6	9.8
68	6.8	5.0	7.4

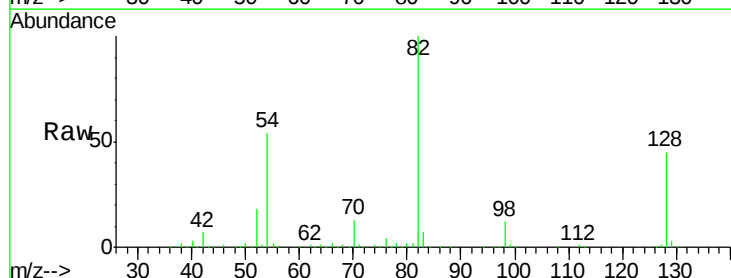


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

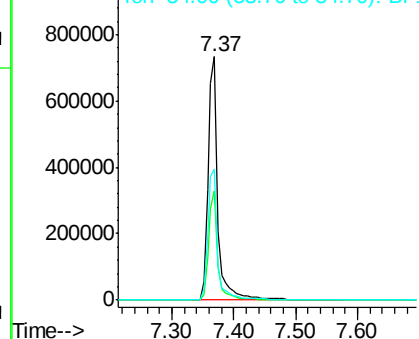
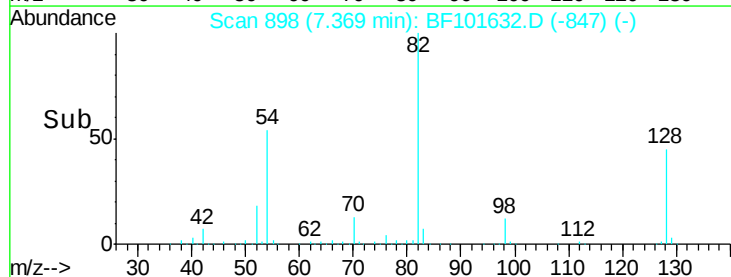


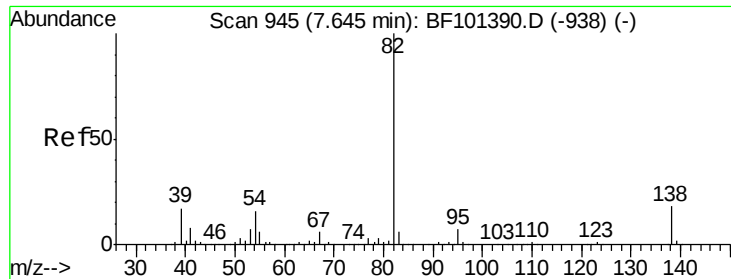
#23
Nitrobenzene-d5
Concen: 85.973 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101632.D
Acq: 22 Dec 2017 4:01

Tgt Ion:	82	Resp:	820018
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	53.7	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

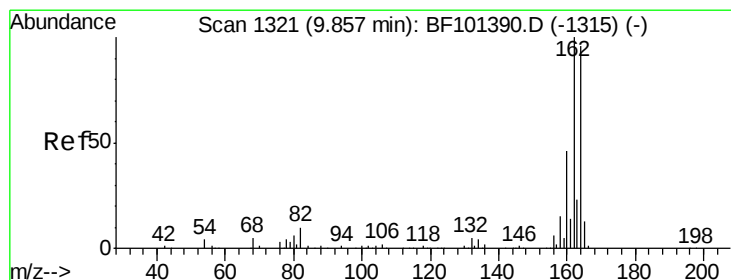
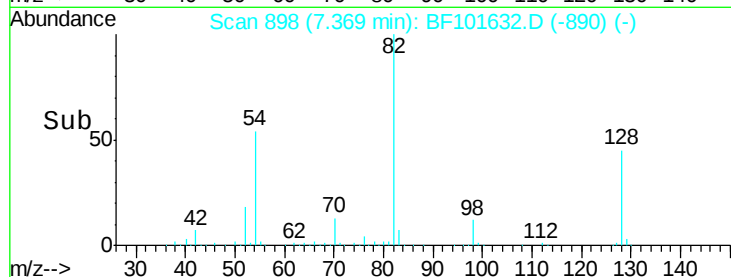
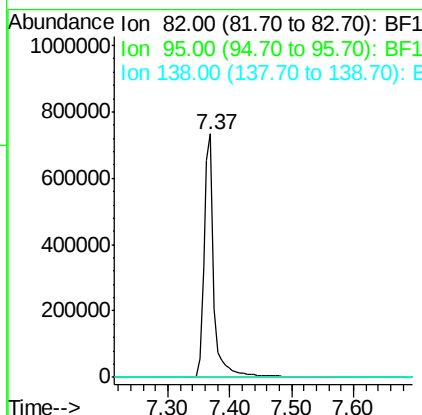
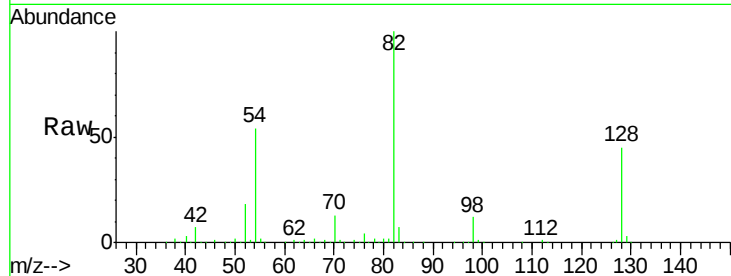




#25
Isophorone
Concen: 42.857 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.25 min
Lab File: BF101632.D
Acq: 22 Dec 2017 4:01

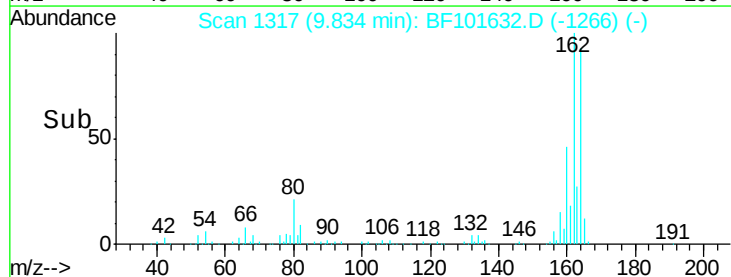
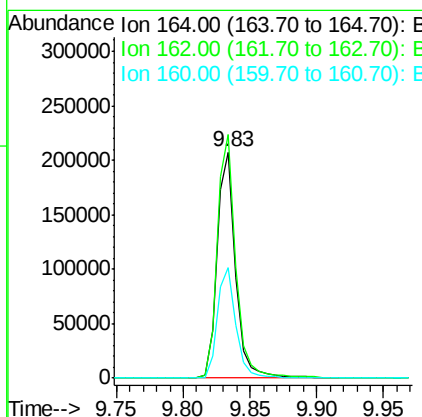
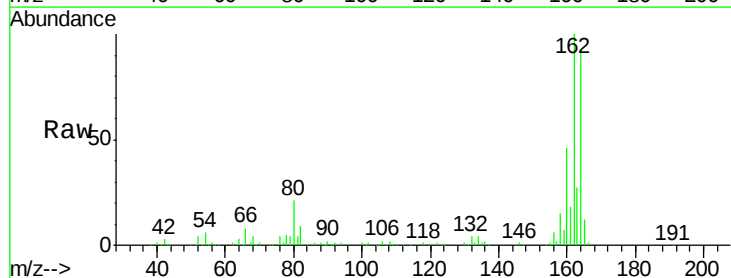
Instrument :
BNA_F
ClientSampleId :

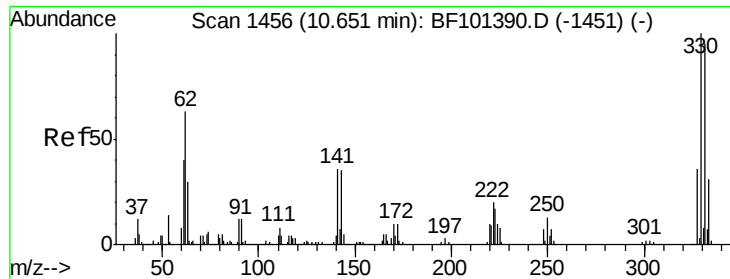
Tot Ion: 82 Resp: 820018
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF101632.D
Acq: 22 Dec 2017 4:01

Tgt Ion: 164 Resp: 202842
Ion Ratio Lower Upper
164 100
162 107.7 86.1 129.1
160 49.0 38.3 57.5

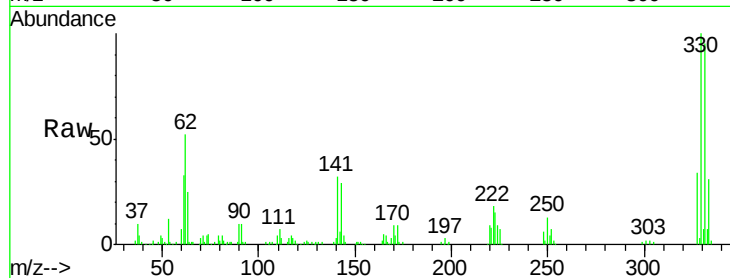




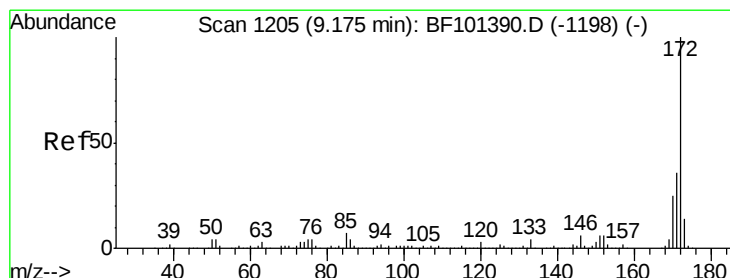
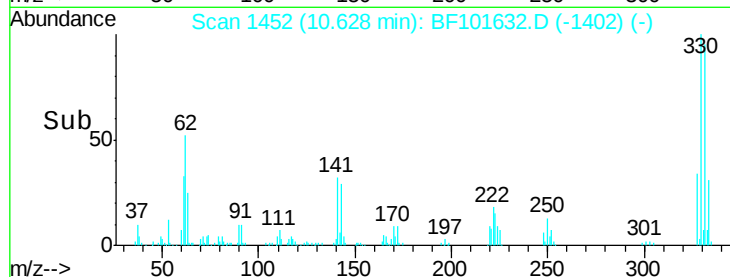
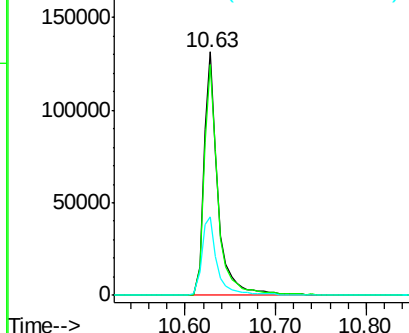
#41
 2,4,6-Tribromophenol
 Concen: 72.679 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101632.D
 Acq: 22 Dec 2017 4:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	35.3	29.9	44.9

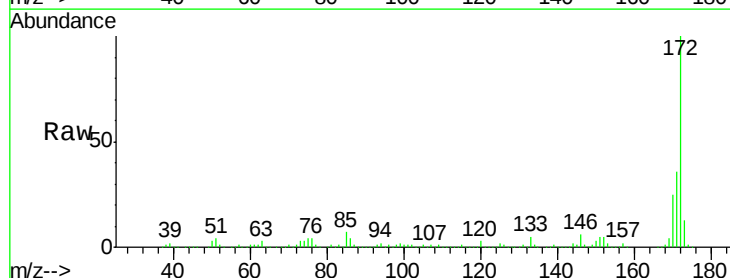


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

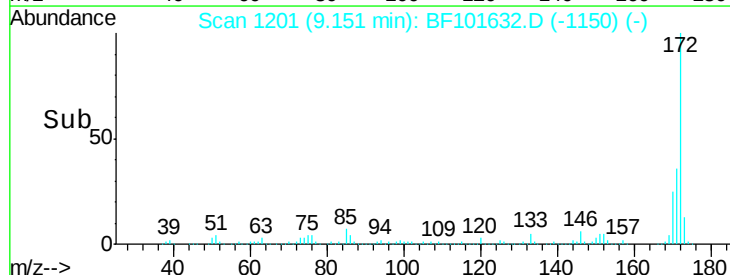
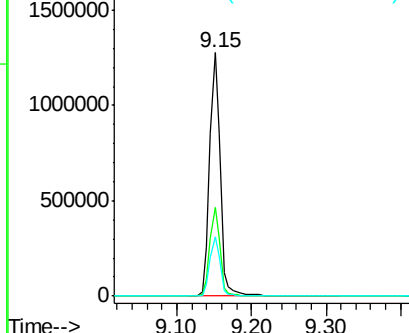


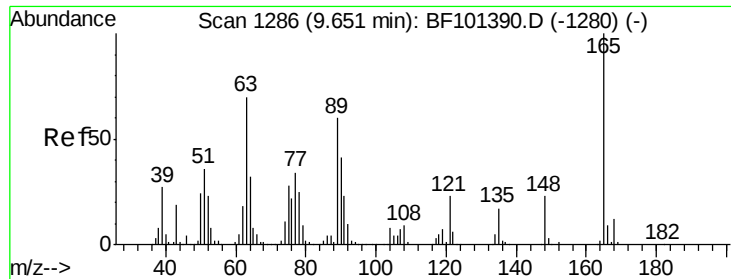
#44
 2-Fluorobiphenyl
 Concen: 96.608 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101632.D
 Acq: 22 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	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

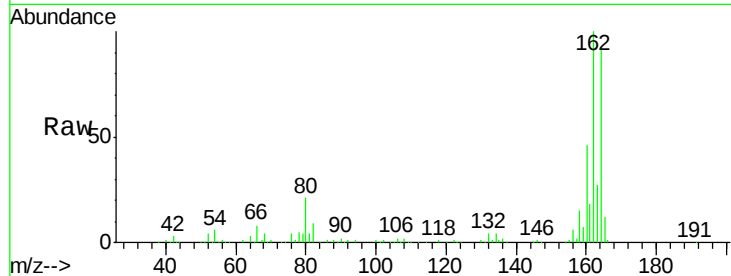




#50
2,6-Dinitrotoluene
Concen: 7.690 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.20 min
Lab File: BF101632.D
Acq: 22 Dec 2017 4:01

Instrument :
BNA_F
ClientSampleId :

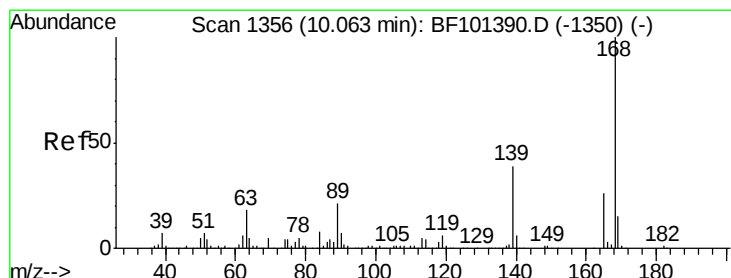
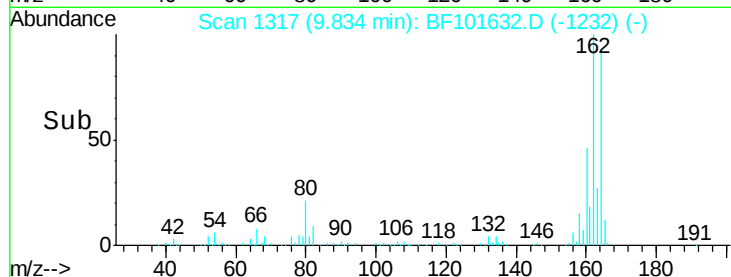
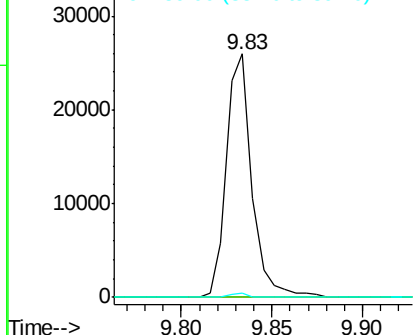
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
2,4-Dinitrotoluene
Concen: 6.825 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF101632.D
Acq: 22 Dec 2017 4:01

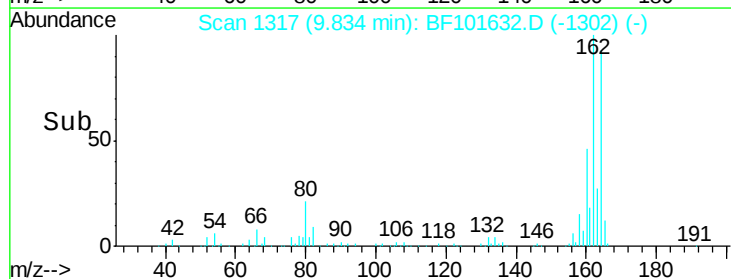
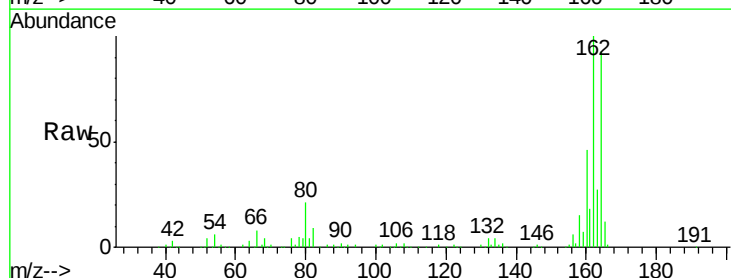
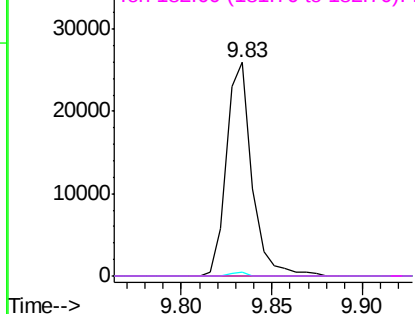
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

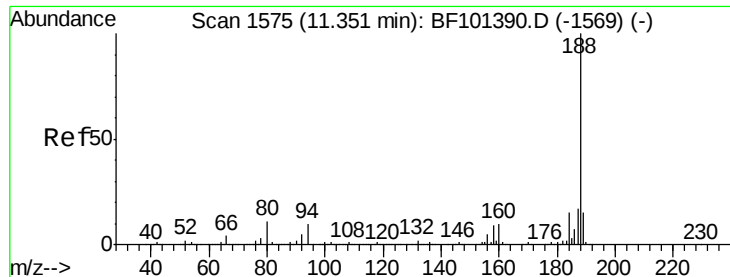
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

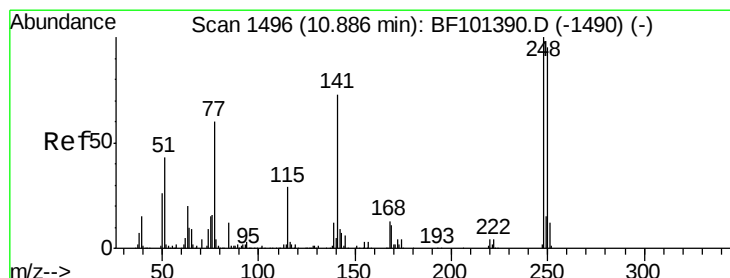
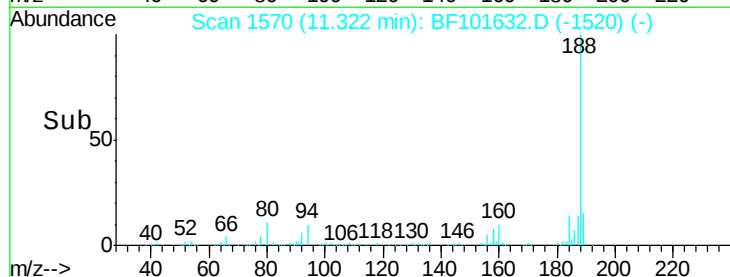
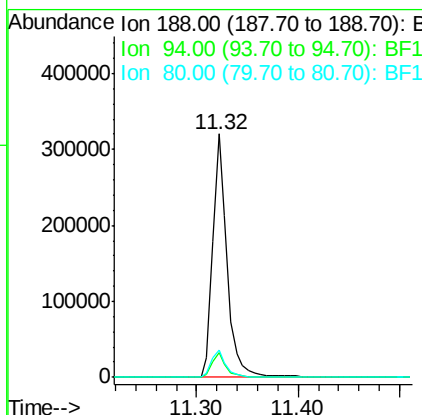
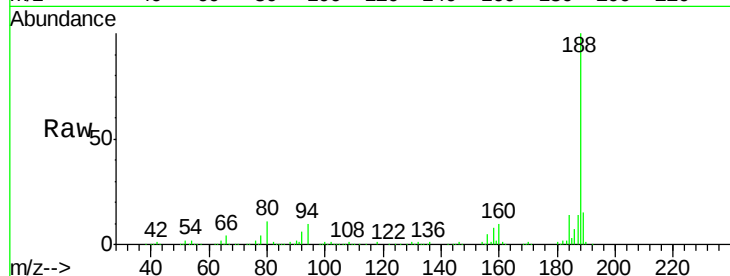




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101632.D
Acq: 22 Dec 2017 4:01

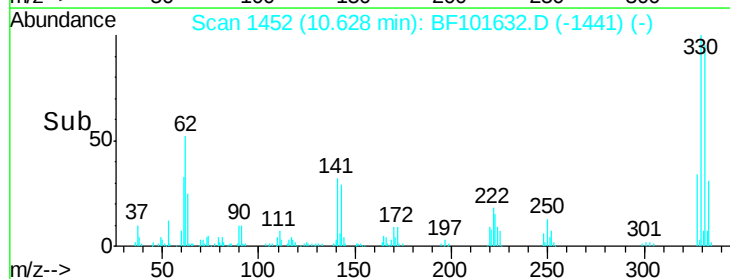
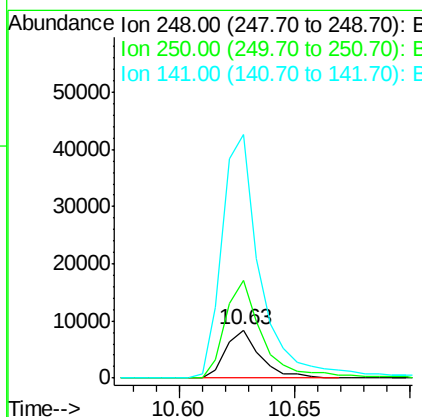
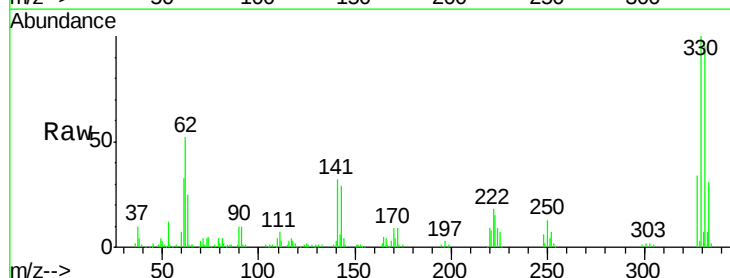
Instrument :
BNA_F
ClientSampleId :

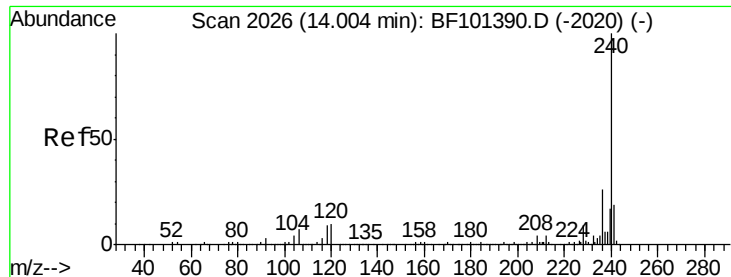
Tot Ion:188 Resp: 314645
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.473 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101632.D
Acq: 22 Dec 2017 4:01

Tgt Ion:248 Resp: 8744
Ion Ratio Lower Upper
248 100
250 203.3 76.9 115.3#
141 508.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101632.D

Acq: 22 Dec 2017 4:01

Instrument :

BNA_F

ClientSampleId :

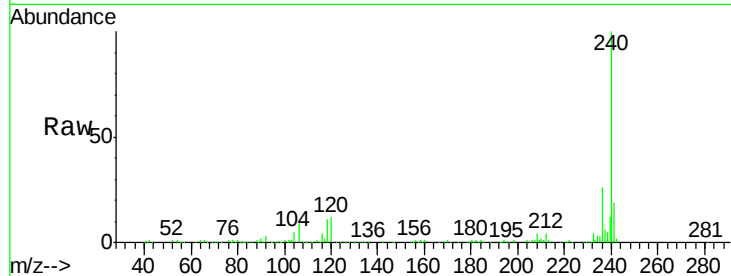
Tot Ion:240 Resp: 294154

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

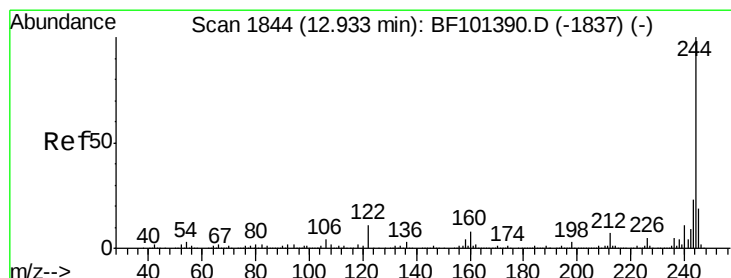
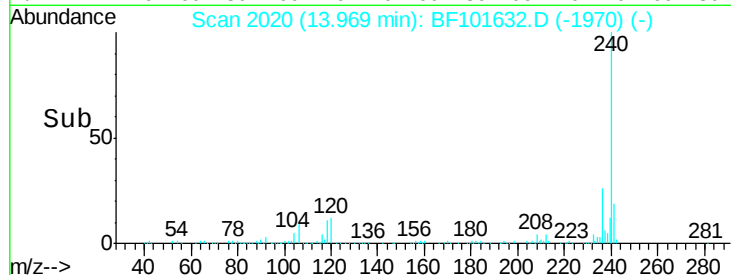
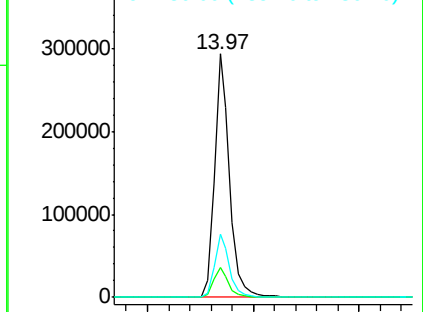
236 25.8 20.7 31.1



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: 69.998 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101632.D

Acq: 22 Dec 2017 4:01

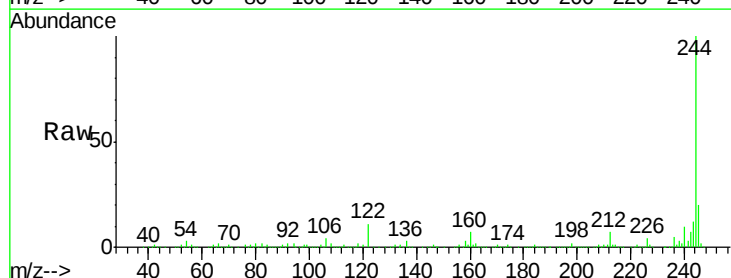
Tgt Ion:244 Resp: 854087

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

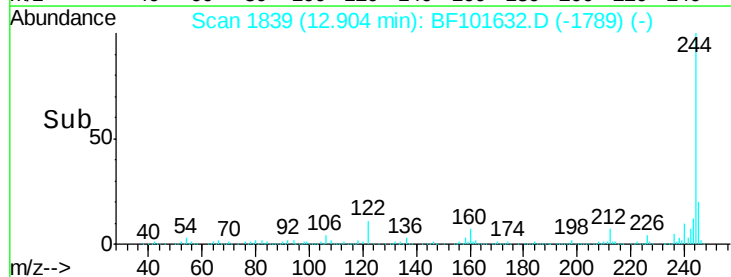
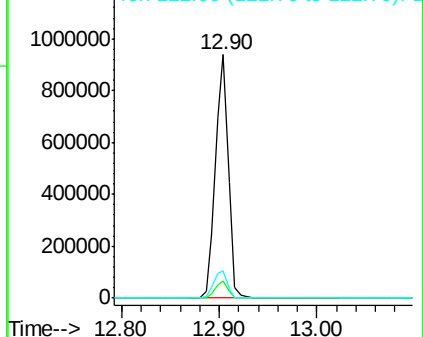
122 11.2 11.0 16.4

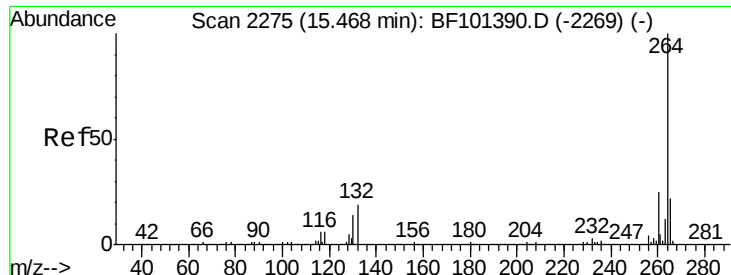


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101632.D
Acq: 22 Dec 2017 4:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3

