

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101648.D
 Acq On : 22 Dec 2017 11:10
 Operator : SJ/JU
 Sample : I7008-14
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 11:41:12 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

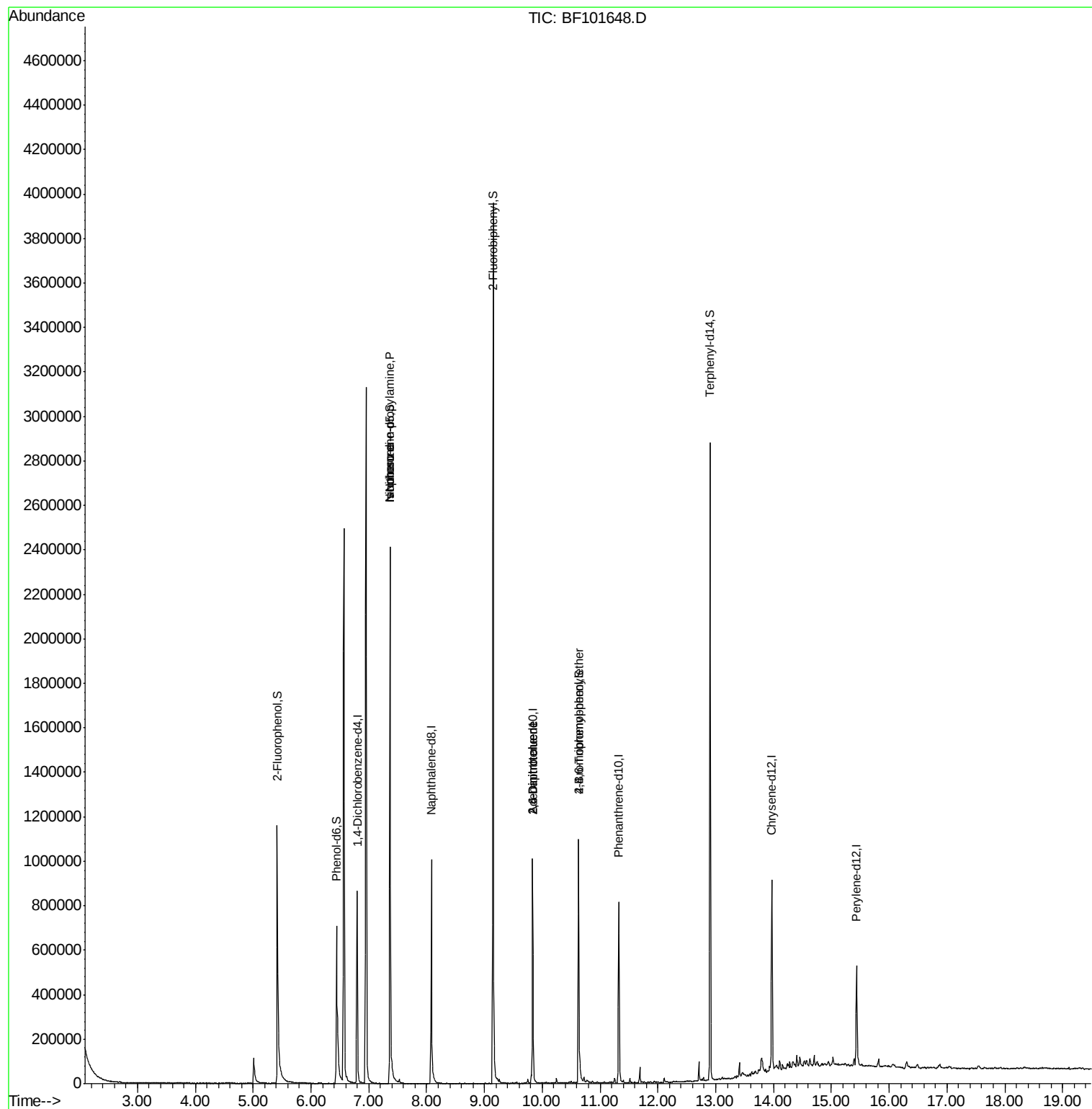
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143890	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	551640	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	212035	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	320737	20.00	ng	0.00
75) Chrysene-d12	13.97	240	319337	20.00	ng	0.00
86) Perylene-d12	15.44	264	241273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	483660	50.07	ng	0.00
7) Phenol-d6	6.44	99	385627	32.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	881159	88.92	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	150247	73.54	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1353473	99.02	ng	0.00
78) Terphenyl-d14	12.90	244	983914	74.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	115514	14.631	ng	# 83
25) Isophorone	7.37	82	881155	44.324	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	26607	7.676	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	26607	6.813	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	9619	2.669	ng	# 1

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

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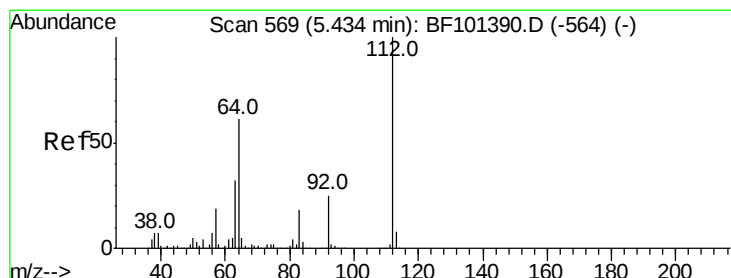
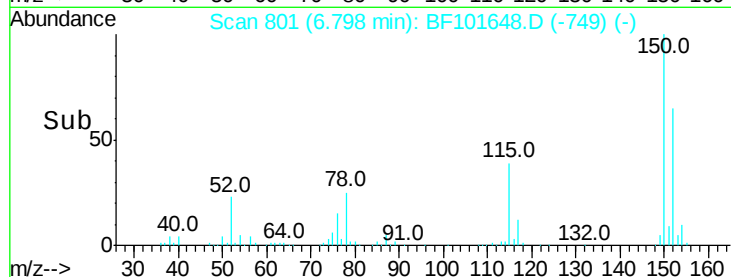
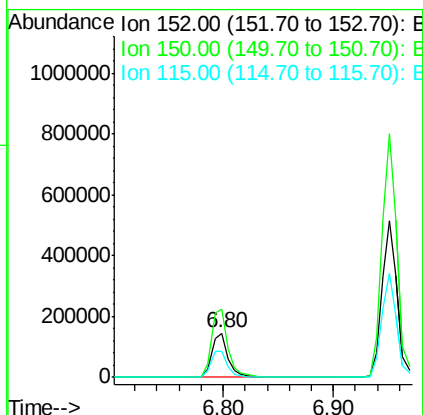
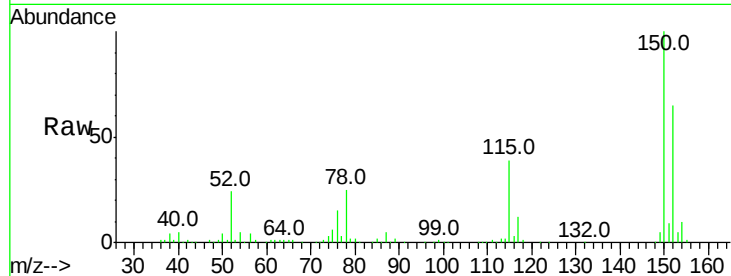


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101648.D
Acq: 22 Dec 2017 11:10

Instrument :
BNA_F
ClientSampled :

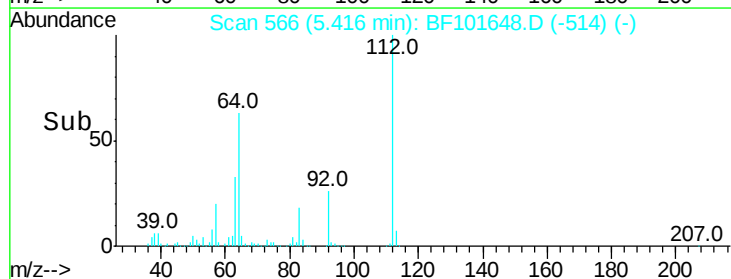
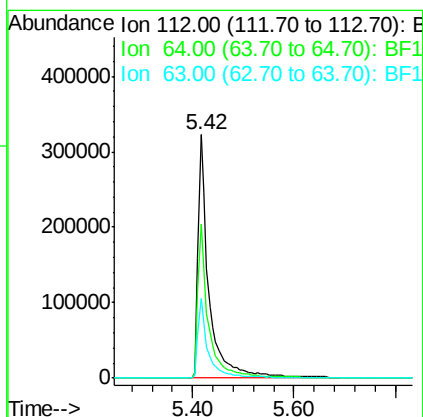
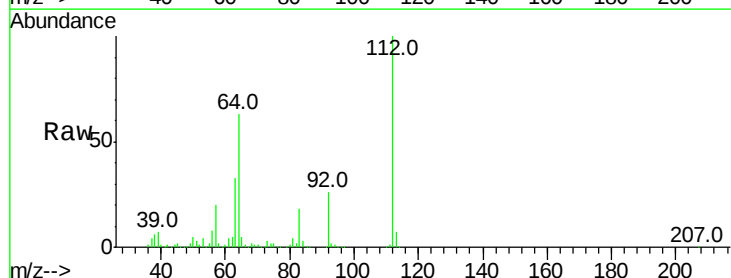
Tot Ion:152 Resp: 143890
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 60.2 50.1 75.1

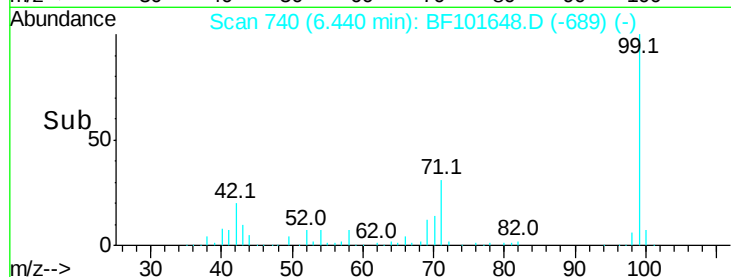
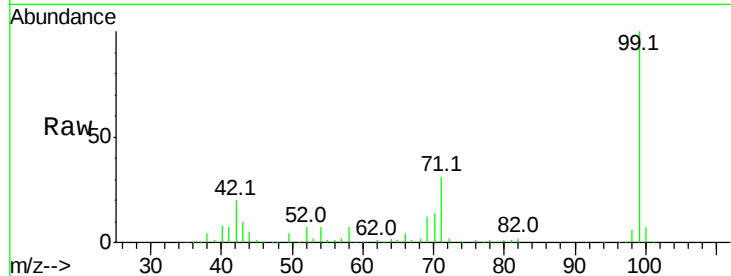


#5

2-Fluorophenol
Concen: 50.069 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101648.D
Acq: 22 Dec 2017 11:10

Tgt Ion:112 Resp: 483660
Ion Ratio Lower Upper
112 100
64 63.2 47.9 71.9
63 33.0 23.7 35.5





#7

Phenol-d6

Concen: 32.077 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101648.D

Acq: 22 Dec 2017 11:10

Instrument :

BNA_F

ClientSampleId :

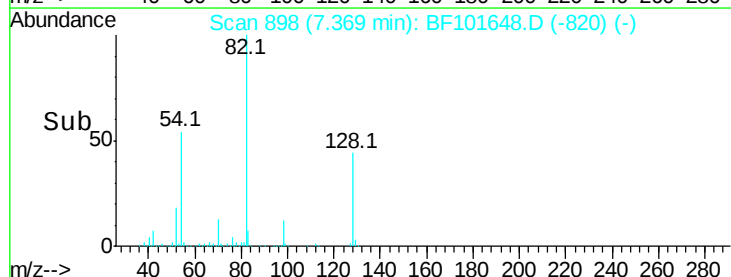
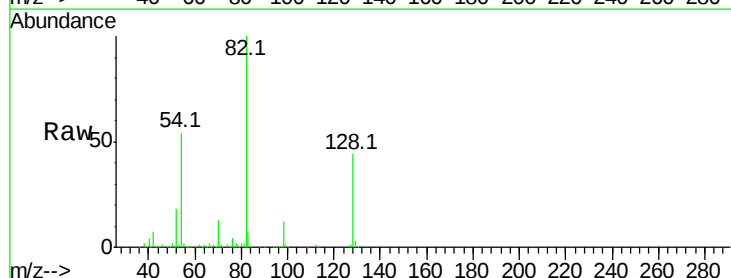
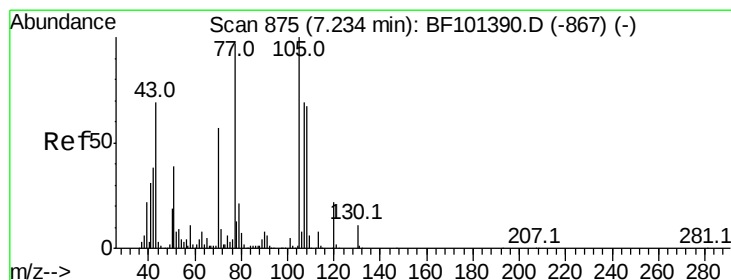
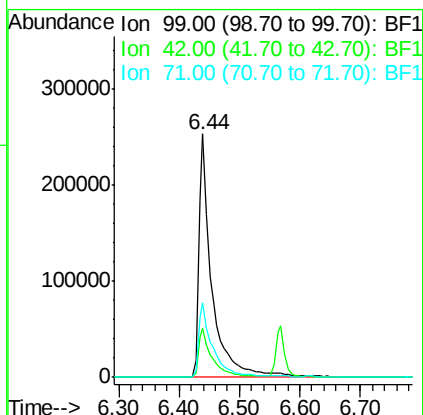
Tot Ion: 99 Resp: 385627

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 30.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.631 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.16 min

Lab File: BF101648.D

Acq: 22 Dec 2017 11:10

Tgt Ion: 70 Resp: 115514

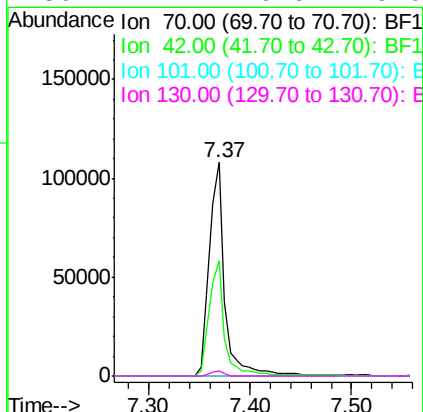
Ion Ratio Lower Upper

70 100

42 54.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

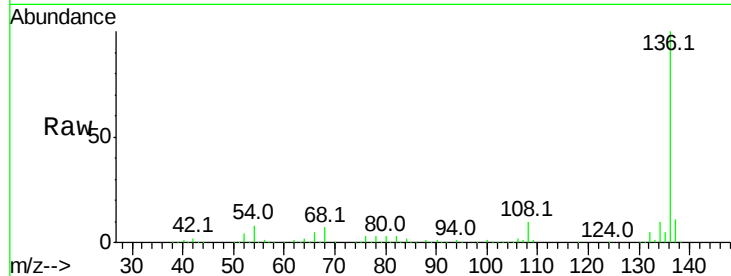




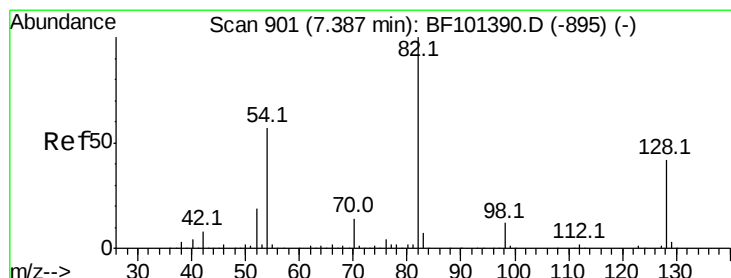
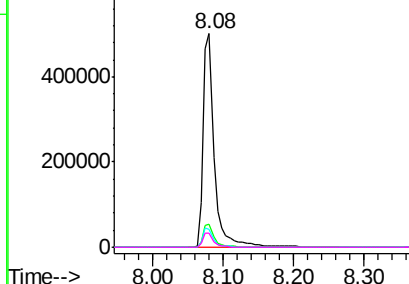
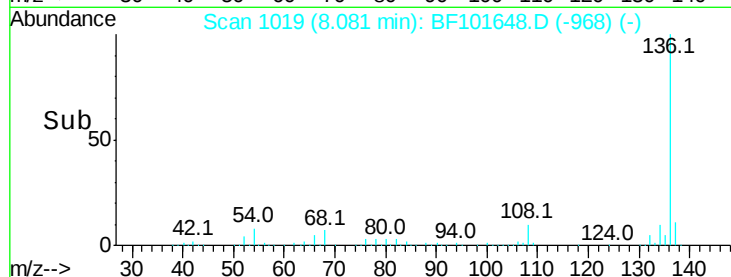
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF101648.D
Acq: 22 Dec 2017 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	551640
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	6.6	9.8
68	6.6	5.0	7.4

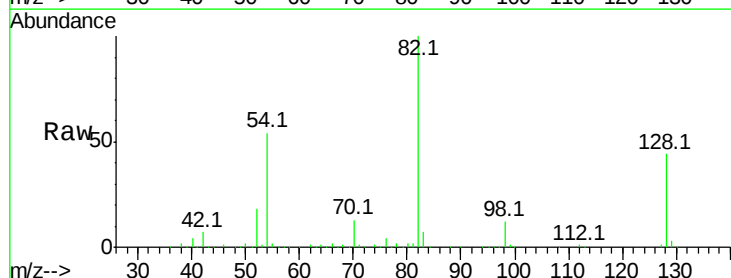


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

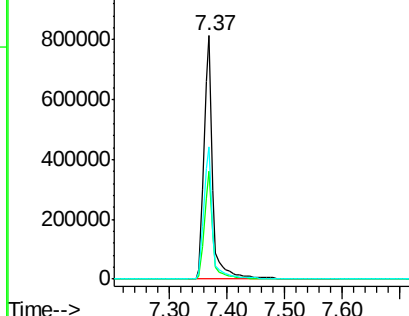
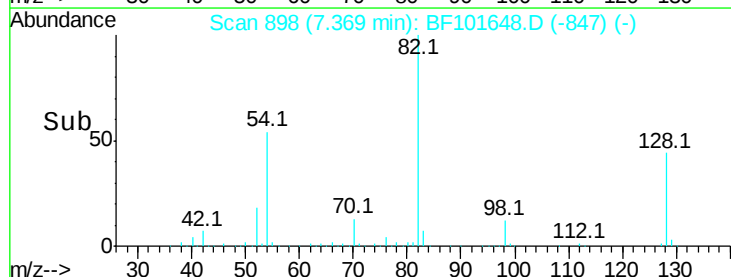


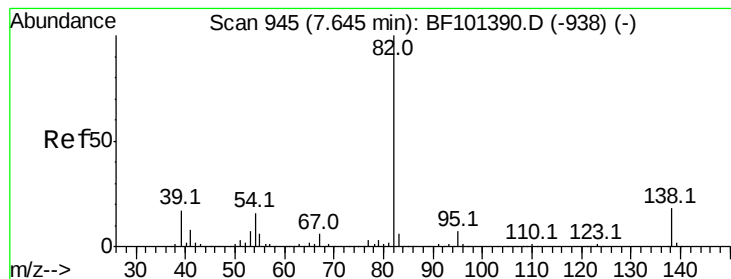
#23
Nitrobenzene-d5
Concen: 88.917 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101648.D
Acq: 22 Dec 2017 11:10

Tgt Ion:	82	Resp:	881159
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	54.2	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: 44.324 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.25 min

Lab File: BF101648.D

Acq: 22 Dec 2017 11:10

Instrument :

BNA_F

ClientSampleId :

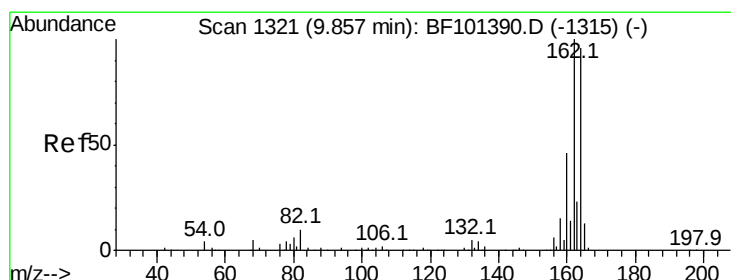
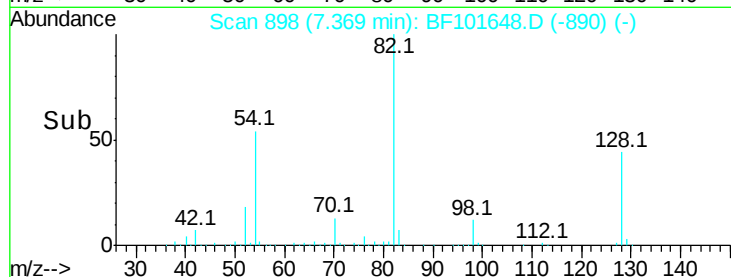
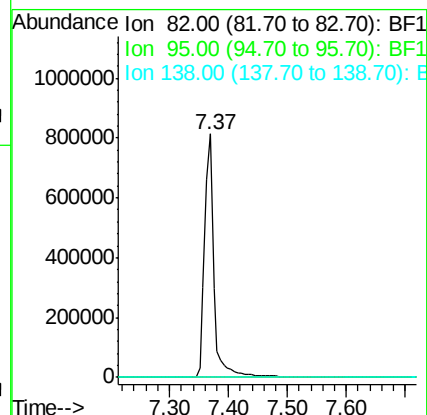
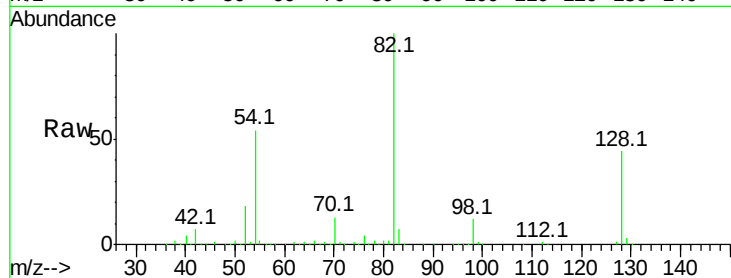
Tot Ion: 82 Resp: 881155

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: BF101648.D

Acq: 22 Dec 2017 11:10

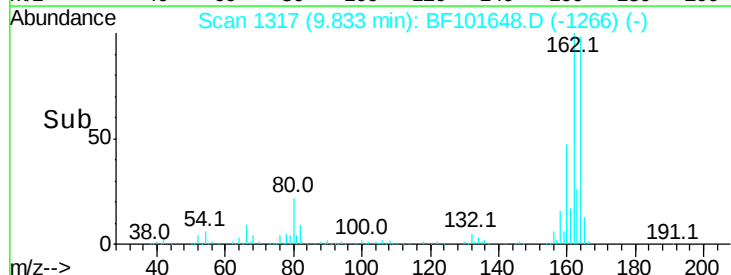
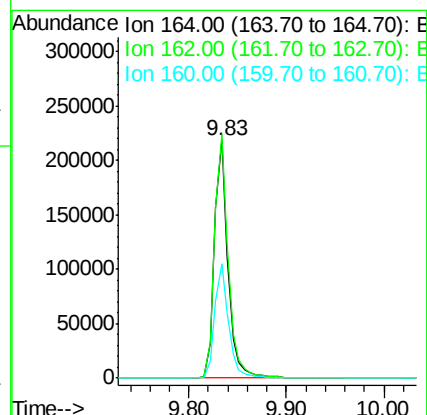
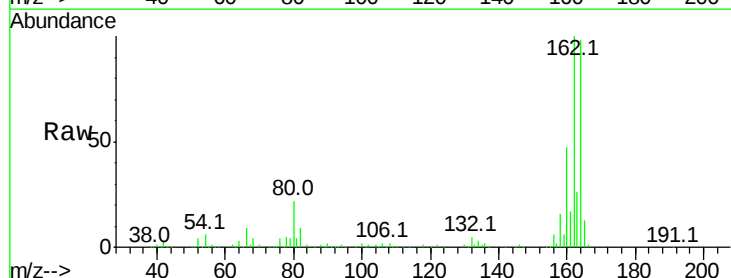
Tgt Ion:164 Resp: 212035

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

160 47.8 38.3 57.5

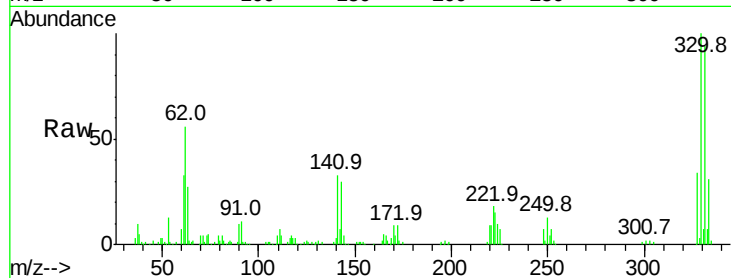




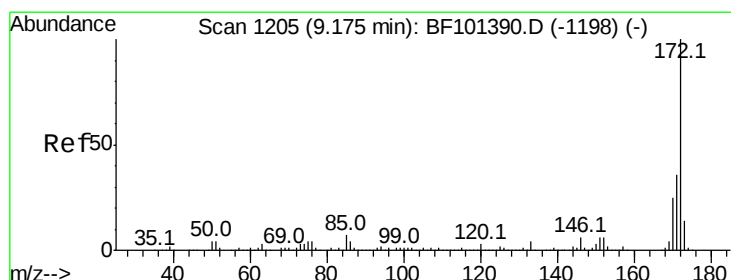
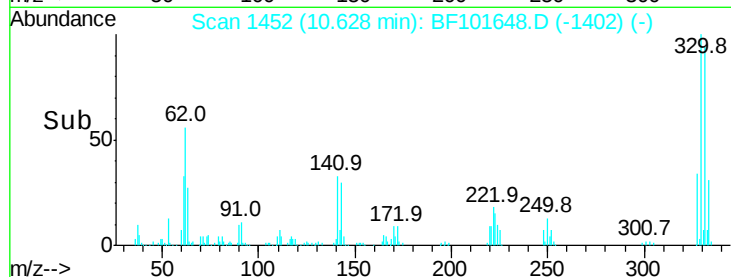
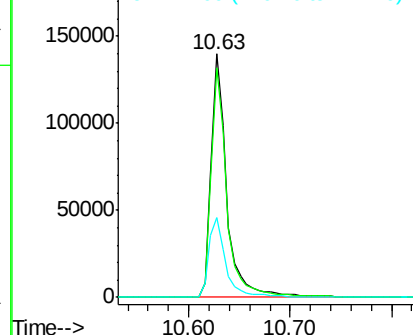
#41
 2,4,6-Tribromophenol
 Concen: 73.538 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101648.D
 Acq: 22 Dec 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	35.1	29.9	44.9

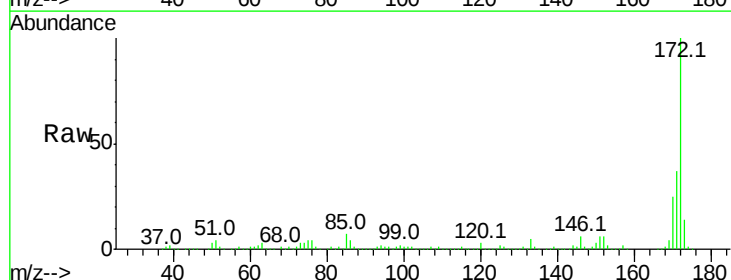


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

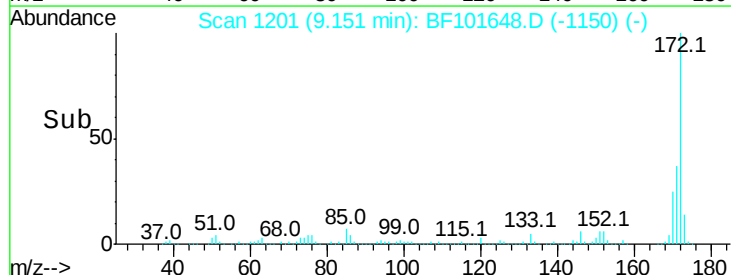
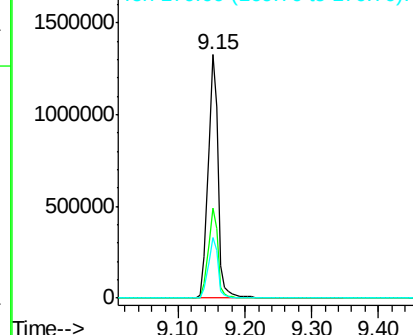


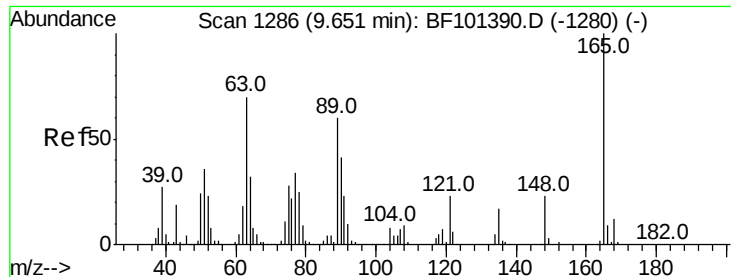
#44
 2-Fluorobiphenyl
 Concen: 99.020 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101648.D
 Acq: 22 Dec 2017 11:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	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

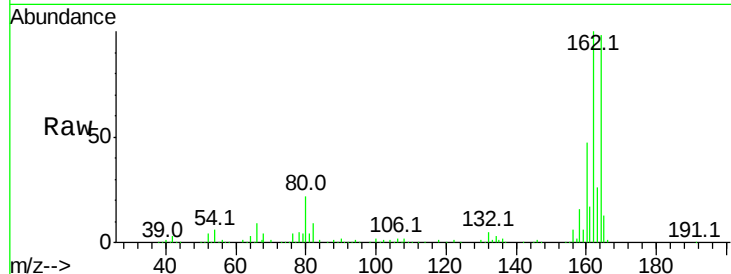




#50
 2,6-Dinitrotoluene
 Concen: 7.676 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF101648.D
 Acq: 22 Dec 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :

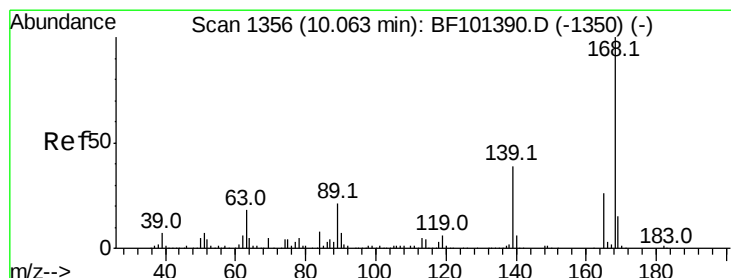
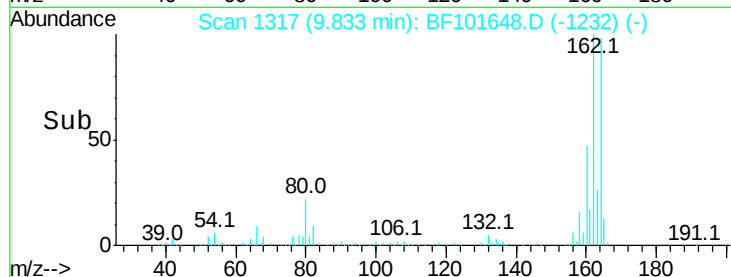
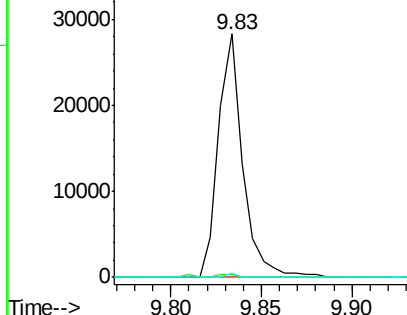
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

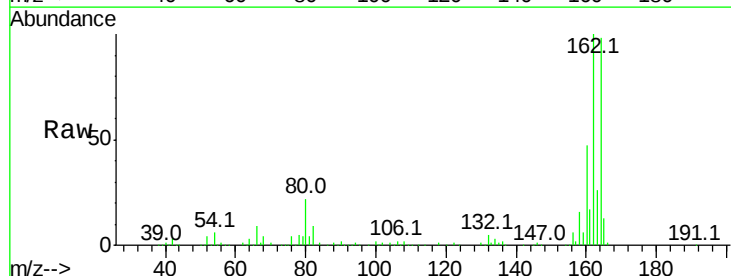
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.813 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF101648.D
 Acq: 22 Dec 2017 11:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

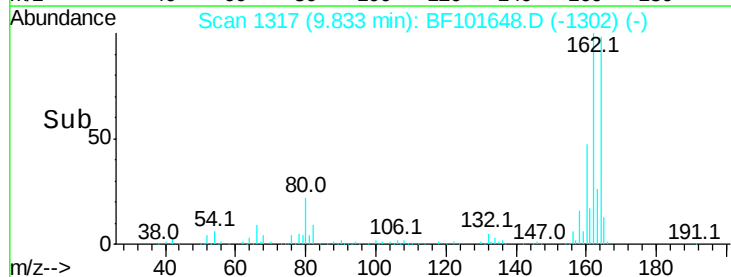
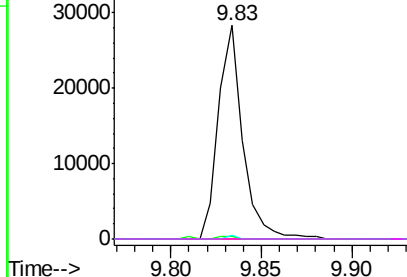


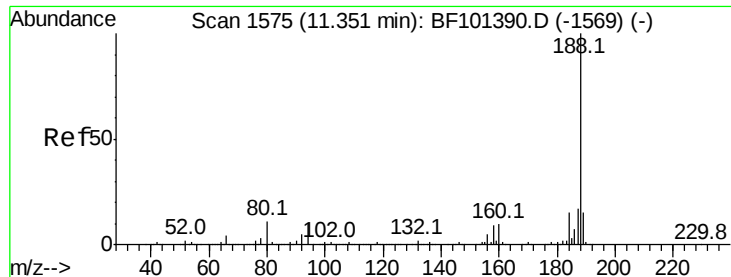
Abundance Ion 165.00 (164.70 to 165.70): E

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

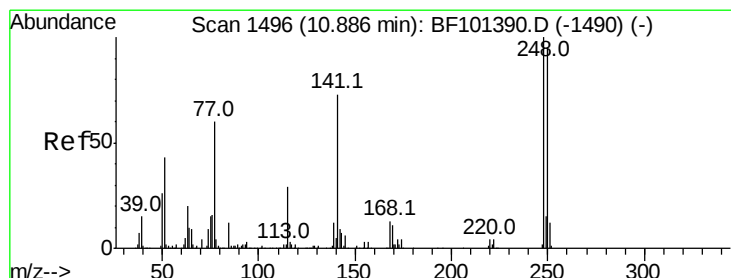
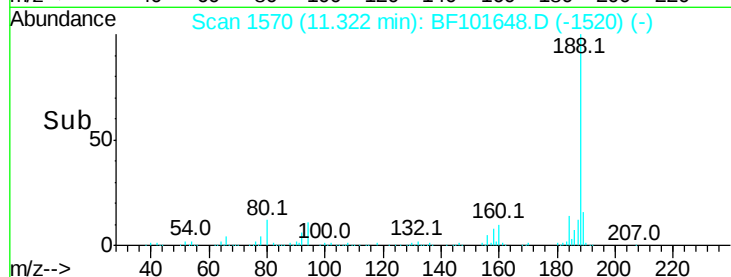
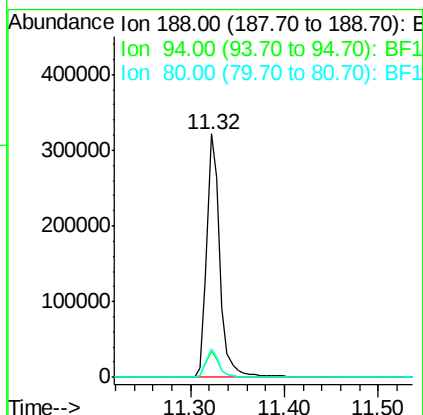
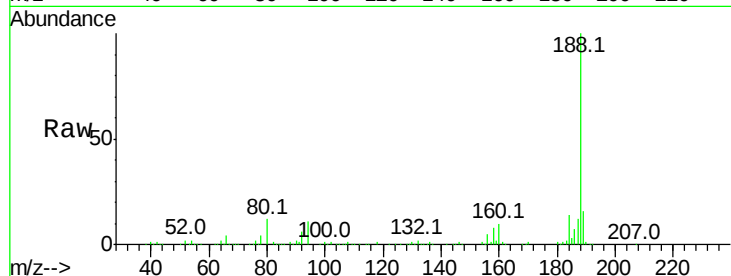




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101648.D
Acq: 22 Dec 2017 11:10

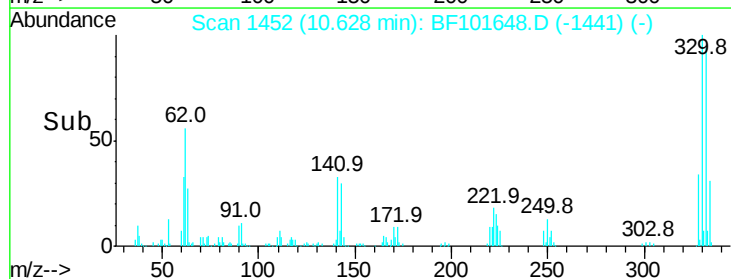
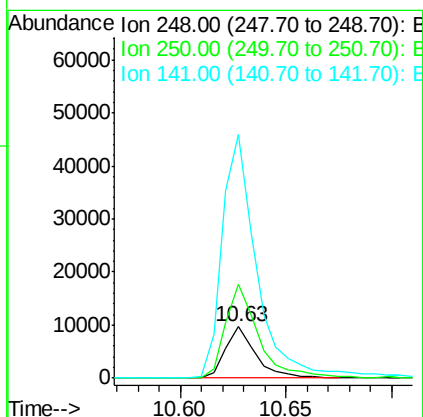
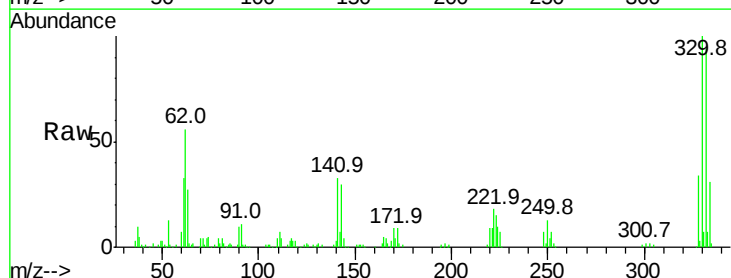
Instrument :
BNA_F
ClientSampleId :

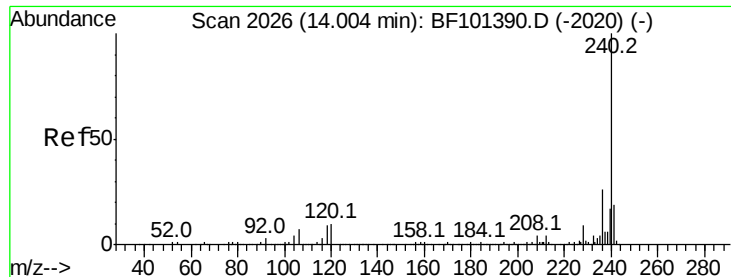
Tot Ion:188 Resp: 320737
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.669 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101648.D
Acq: 22 Dec 2017 11:10

Tgt Ion:248 Resp: 9619
Ion Ratio Lower Upper
248 100
250 184.1 76.9 115.3#
141 476.7 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: BF101648.D

Acq: 22 Dec 2017 11:10

Instrument :

BNA_F

ClientSampleId :

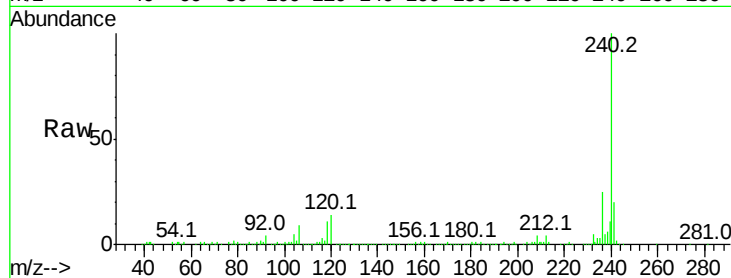
Tot Ion:240 Resp: 319337

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

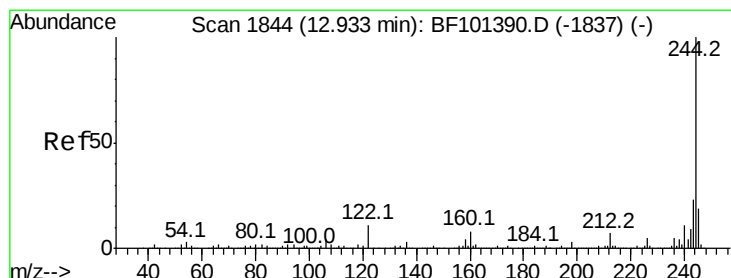
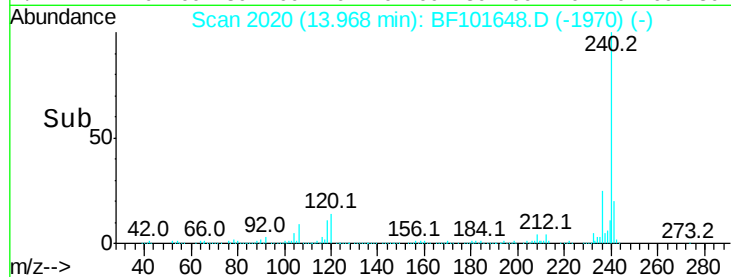
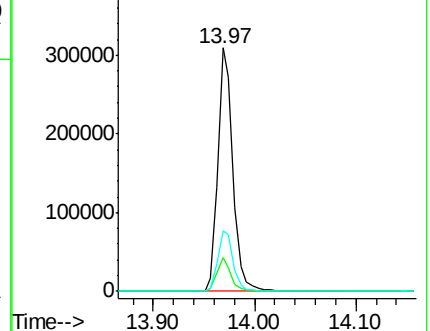
236 24.9 20.7 31.1



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: 74.279 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101648.D

Acq: 22 Dec 2017 11:10

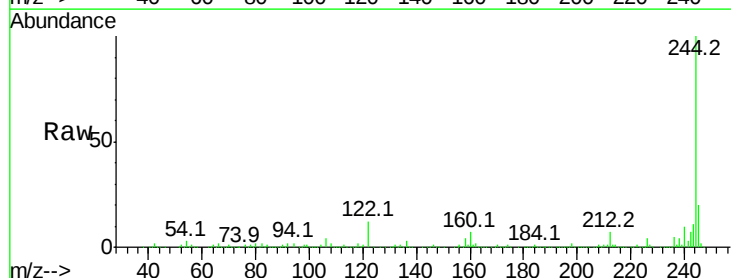
Tgt Ion:244 Resp: 983914

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

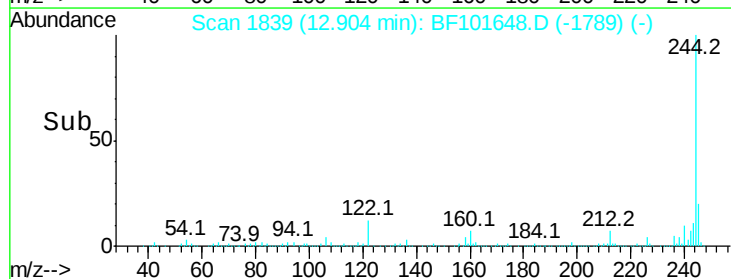
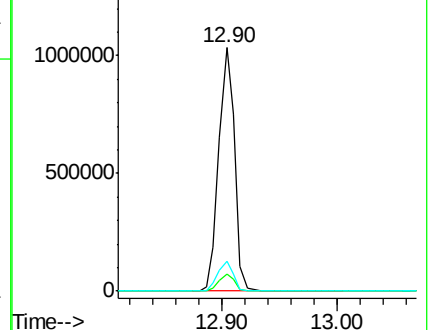
122 12.3 11.0 16.4

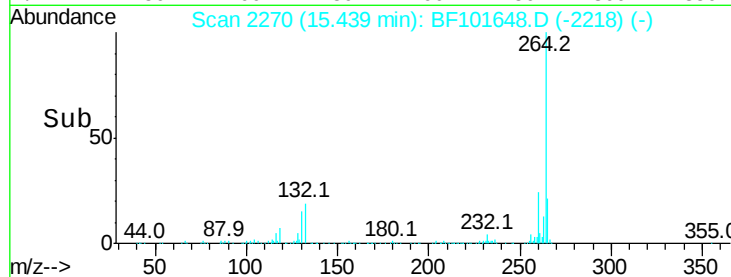
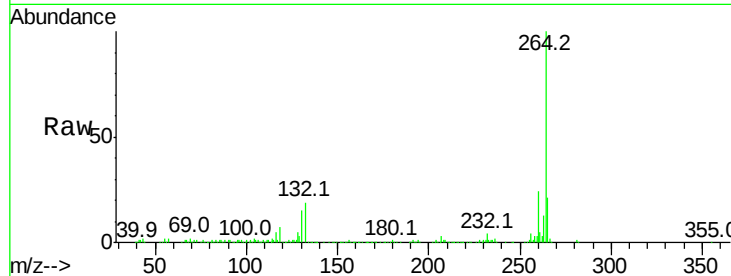
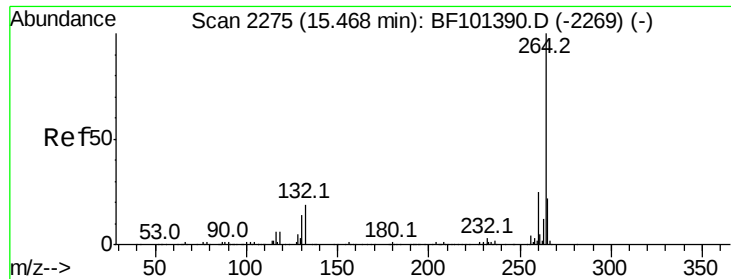


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101648.D

Acq: 22 Dec 2017 11:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 241273

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.5 17.5 26.3

