

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101640.D
 Acq On : 22 Dec 2017 7:34
 Operator : SJ/JU
 Sample : I7008-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 10:22:58 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

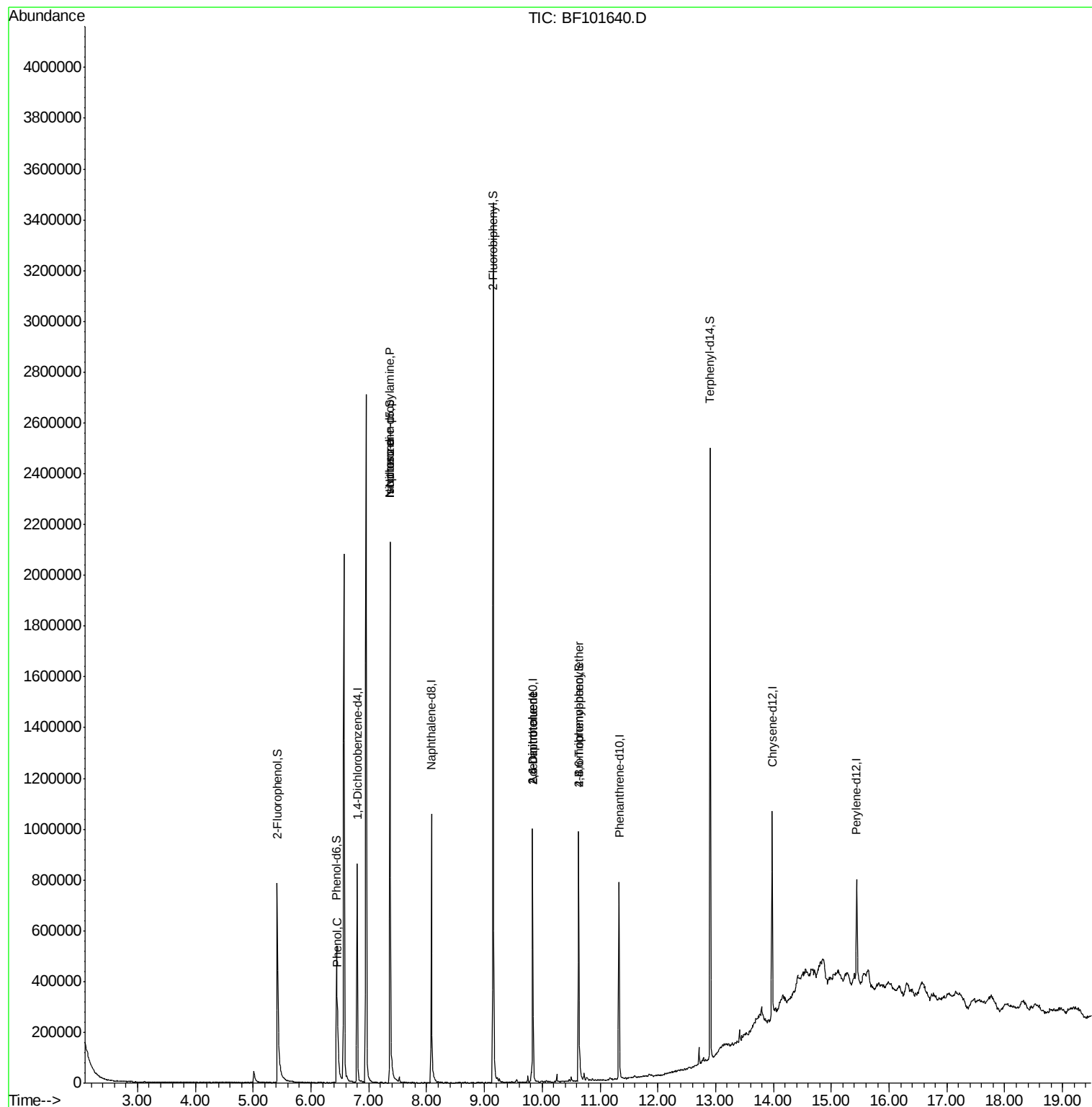
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135825	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	527876	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202199	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	307244	20.00	ng	0.00
75) Chrysene-d12	13.97	240	296456	20.00	ng	0.00
86) Perylene-d12	15.44	264	228052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	366751	40.22	ng	0.00
7) Phenol-d6	6.44	99	284149	25.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	762452	80.40	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	127853	65.62	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1218275	93.46	ng	0.00
78) Terphenyl-d14	12.90	244	830291	67.52	ng	0.00
Target Compounds						
10) Phenol	6.46	94	26594	2.056	ng	# 74
19) n-Nitroso-di-n-propylamine	7.37	70	100205	13.446	ng	# 80
25) Isophorone	7.37	82	762452	40.080	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	25925	7.843	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	25925	6.961	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	8389	2.430	ng	# 1

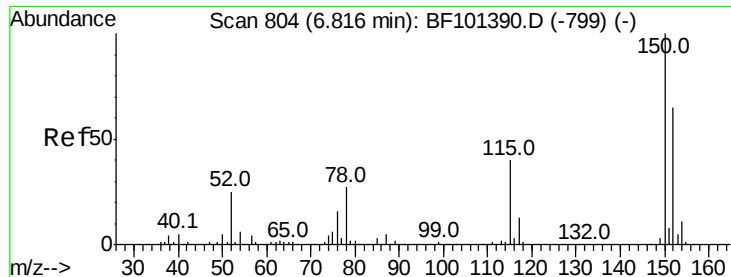
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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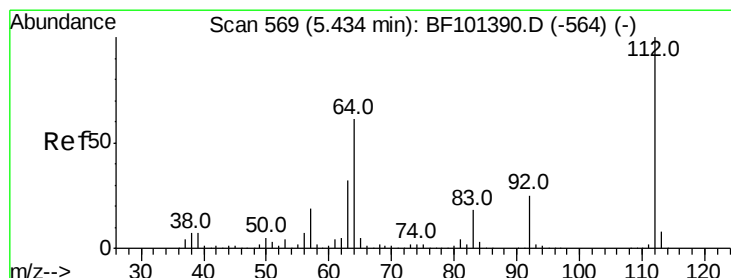
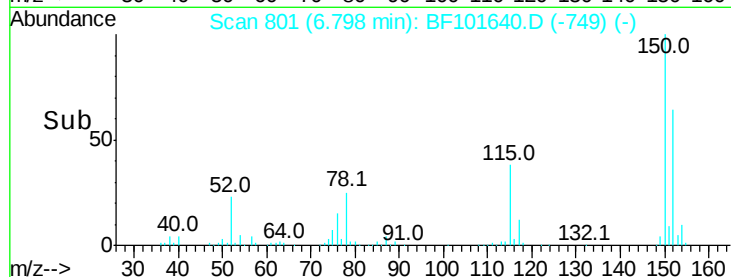
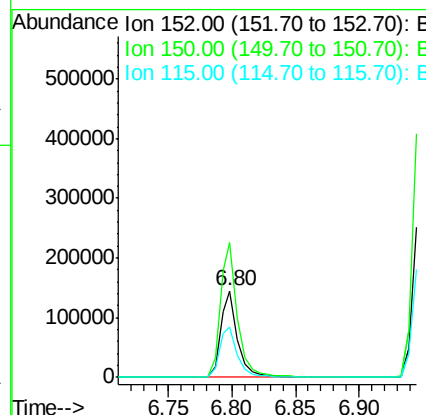
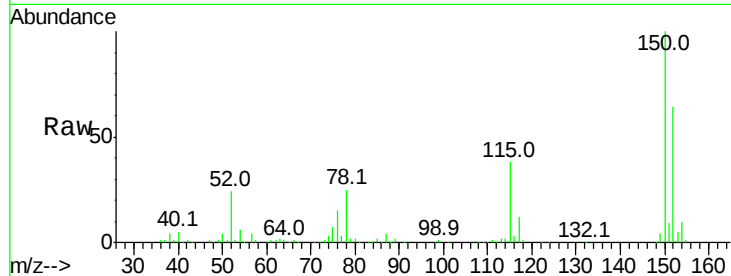


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101640.D
Acq: 22 Dec 2017 7:34

Instrument :
BNA_F
ClientSampled :

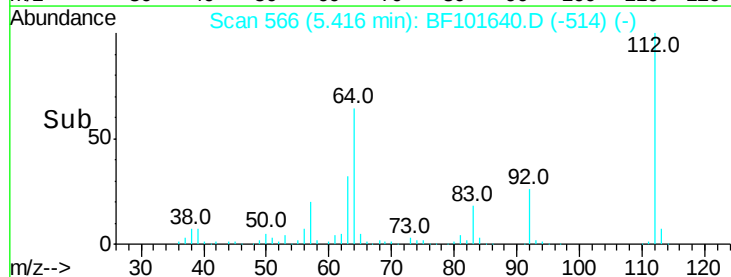
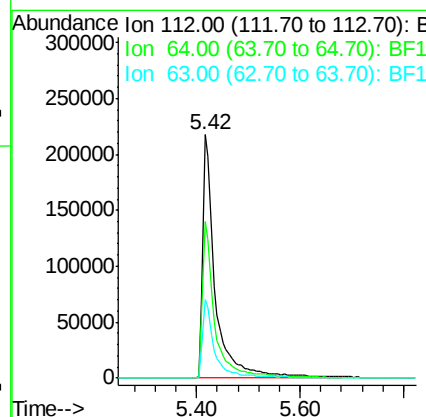
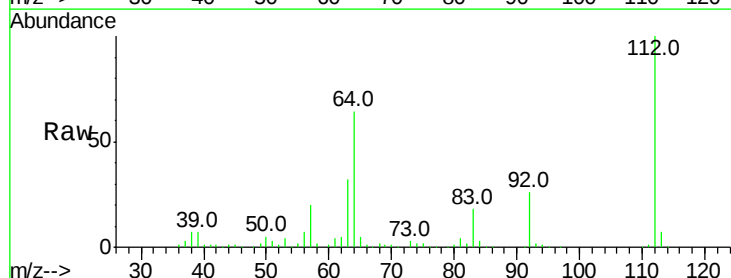
Tot Ion:152 Resp: 135825
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 58.8 50.1 75.1

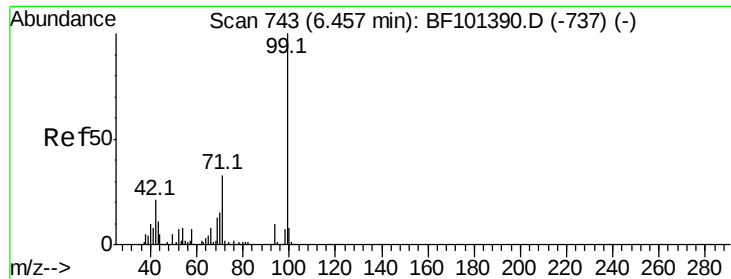


#5

2-Fluorophenol
Concen: 40.221 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101640.D
Acq: 22 Dec 2017 7:34

Tgt Ion:112 Resp: 366751
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 32.4 23.7 35.5





#7

Phenol-d6

Concen: 25.039 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

Instrument :

BNA_F

ClientSampled :

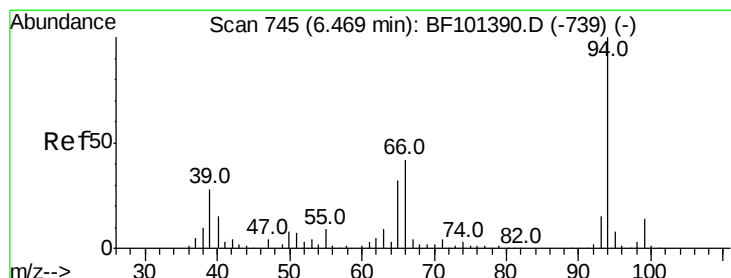
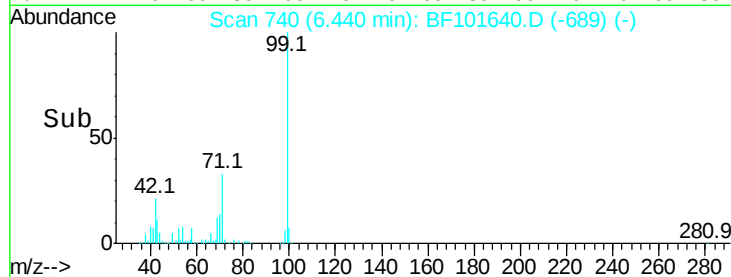
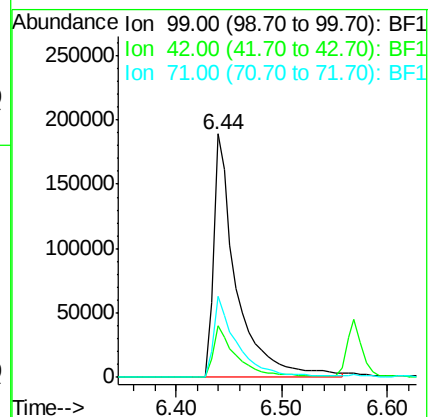
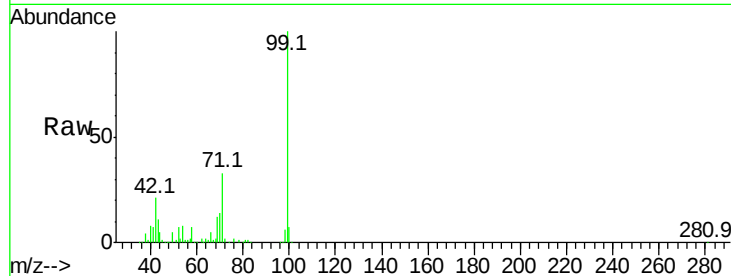
Tot Ion: 99 Resp: 284149

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 33.2 25.4 38.0



#10

Phenol

Concen: 2.056 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

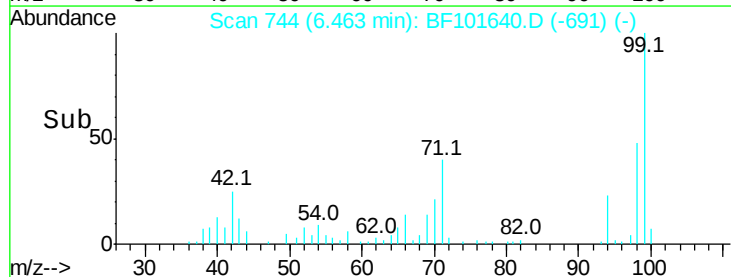
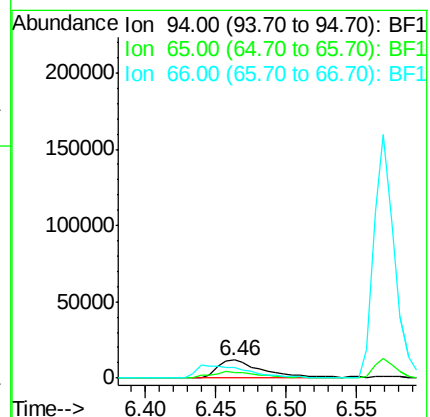
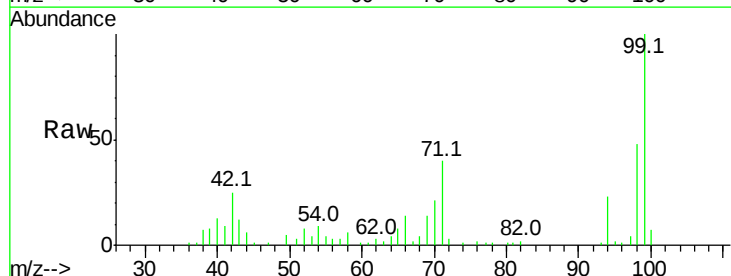
Tgt Ion: 94 Resp: 26594

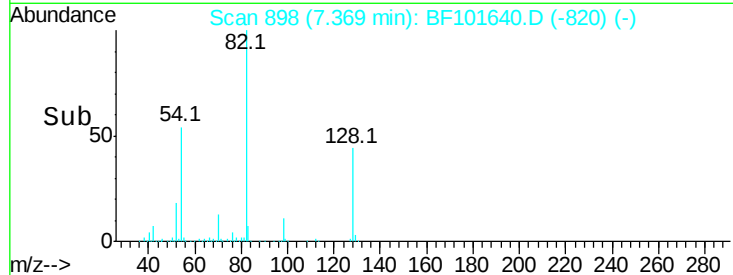
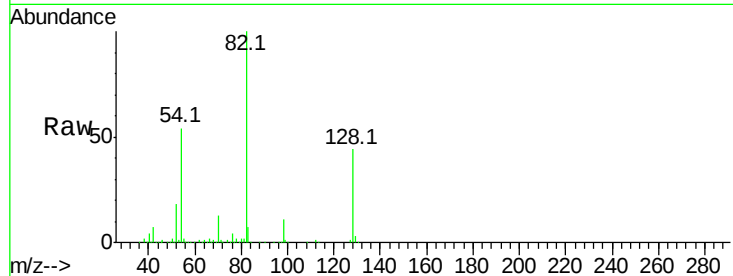
Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

66 59.2 16.2 56.2#





#19

n-Nitroso-di-n-propylamine

Concen: 13.446 ng

RT: 7.37 min Scan# 898

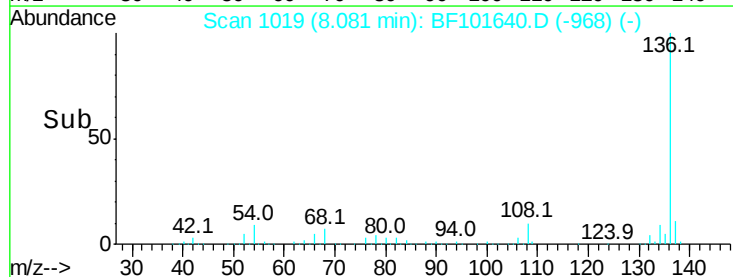
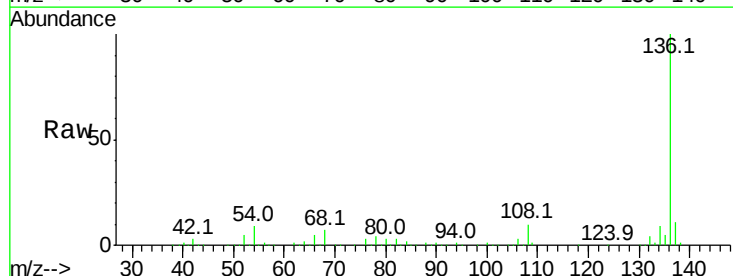
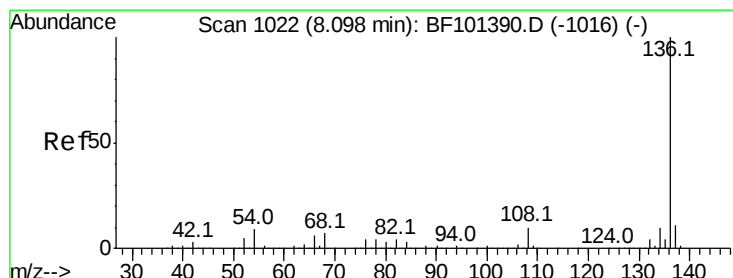
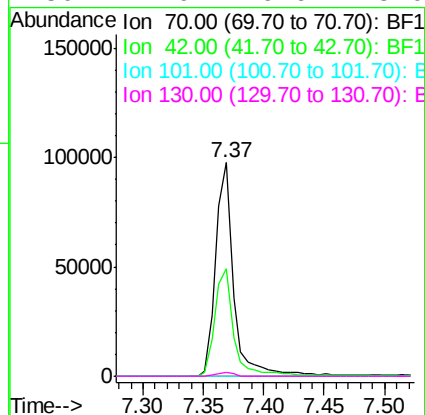
Delta R.T. 0.16 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	100205
Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

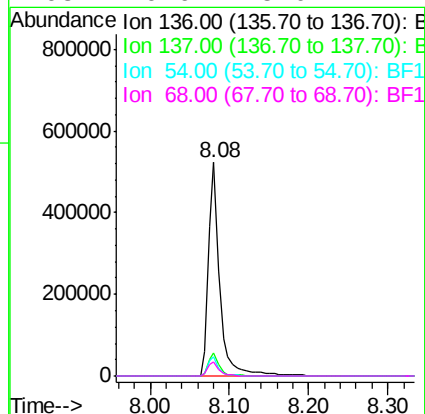
RT: 8.08 min Scan# 1019

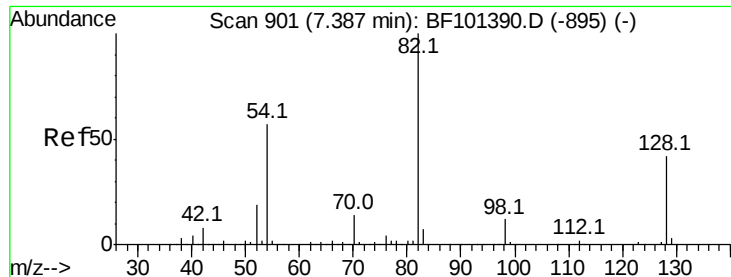
Delta R.T. 0.00 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

Tgt Ion:	136	Resp:	527876
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.1	6.6	9.8
68	6.6	5.0	7.4

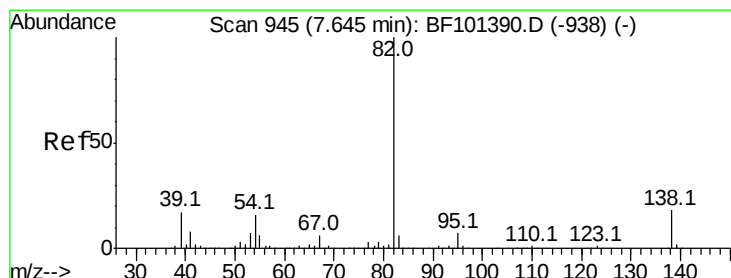
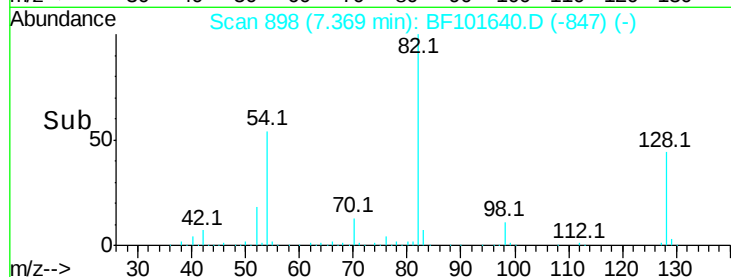
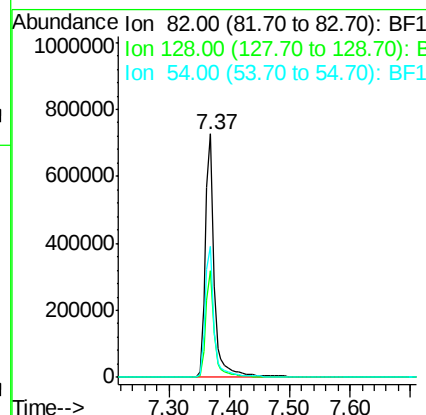
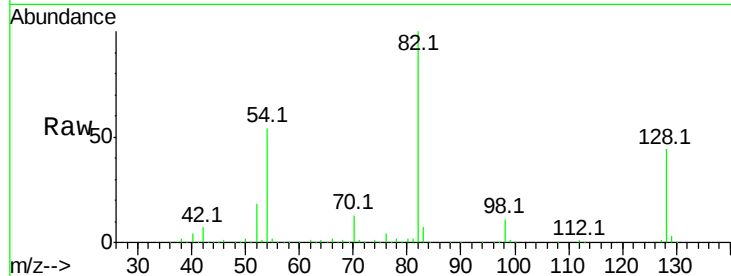




#23
Nitrobenzene-d5
Concen: 80.402 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101640.D
Acq: 22 Dec 2017 7:34

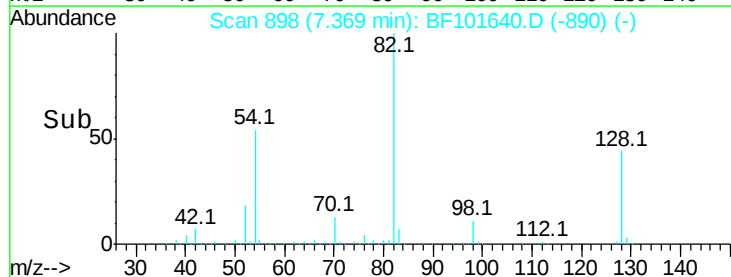
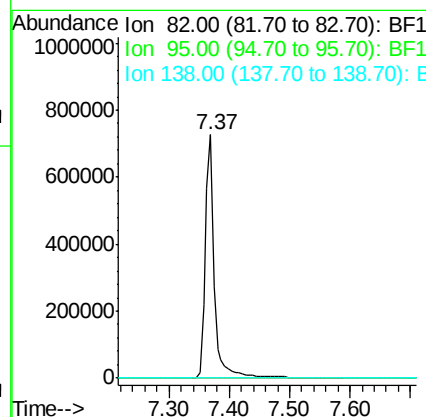
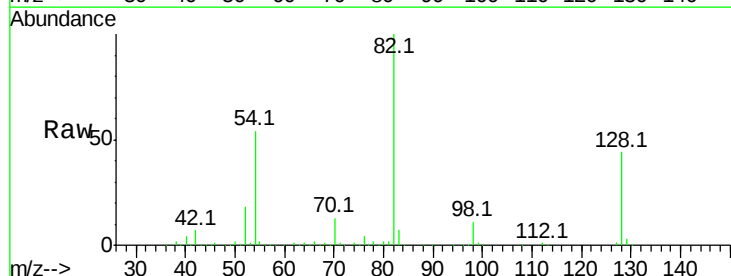
Instrument :
BNA_F
ClientSampled :

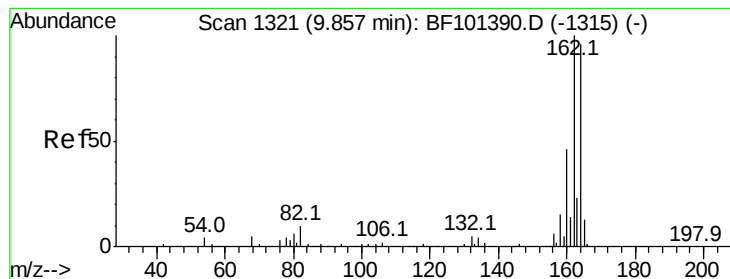
Tot Ion	82	Resp	762452
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	53.9	41.4	62.2



#25
Isophorone
Concen: 40.080 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.25 min
Lab File: BF101640.D
Acq: 22 Dec 2017 7:34

Tgt Ion	82	Resp	762452
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

Instrument :

BNA_F

ClientSampleId :

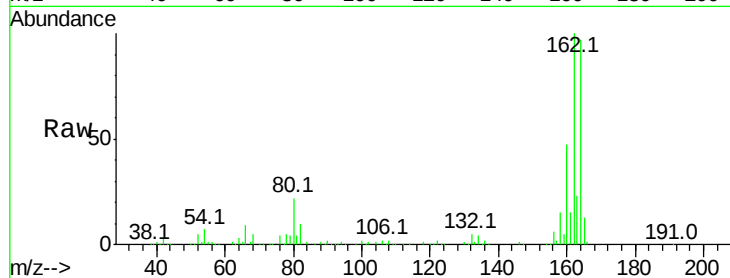
Tot Ion:164 Resp: 202199

Ion Ratio Lower Upper

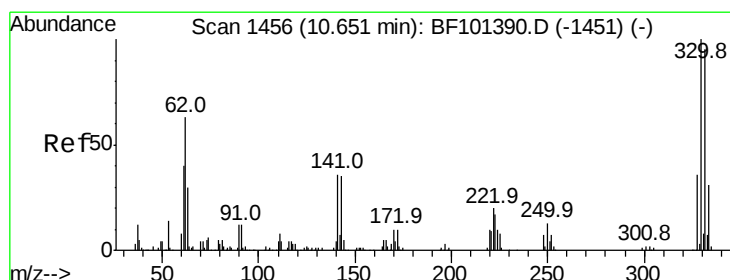
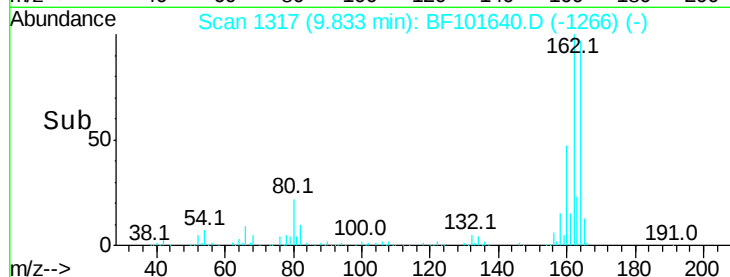
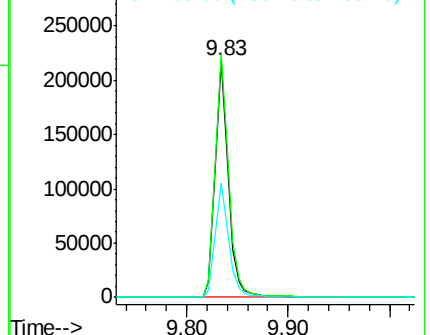
164 100

162 103.1 86.1 129.1

160 48.4 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: 65.621 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

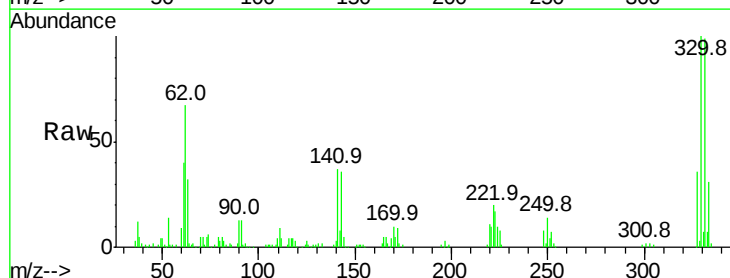
Tgt Ion:330 Resp: 127853

Ion Ratio Lower Upper

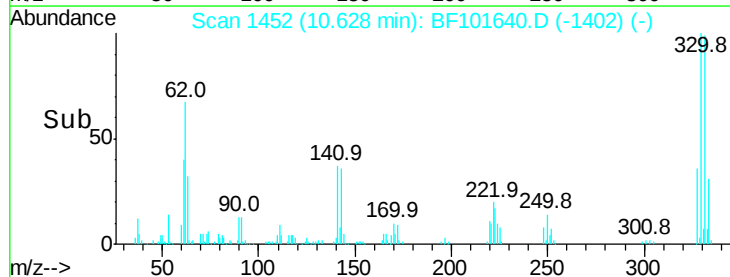
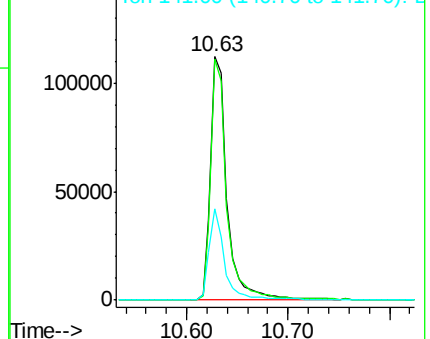
330 100

332 95.9 77.0 115.6

141 35.5 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



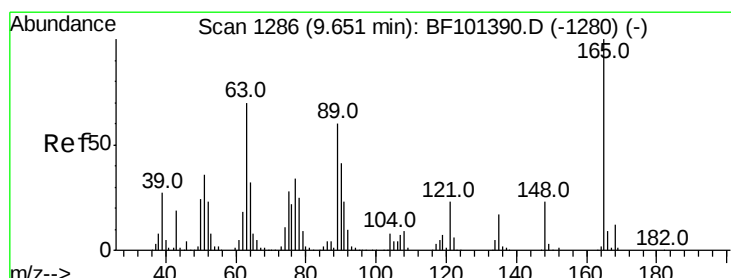
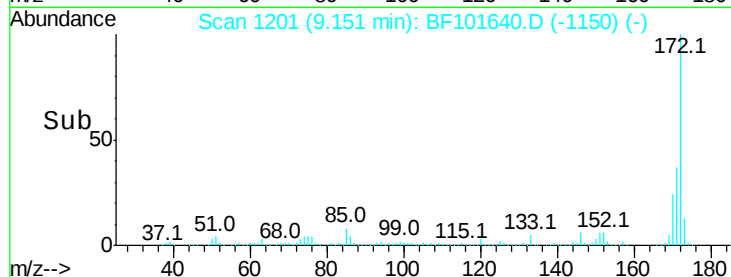
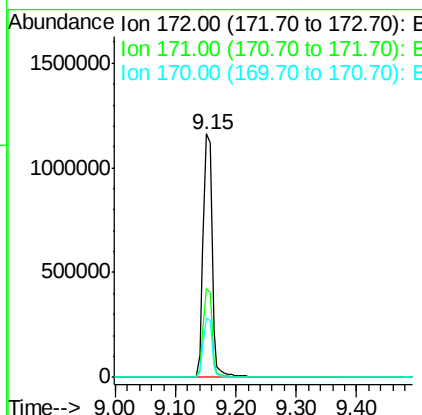
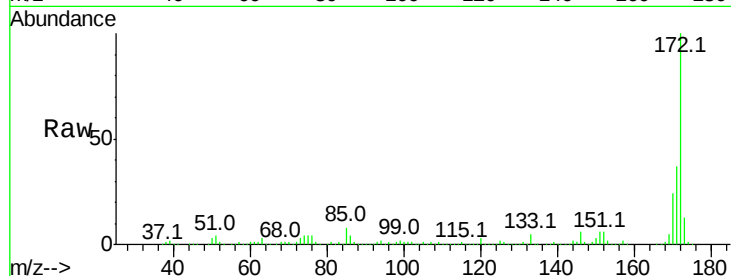


#44
 2-Fluorobiphenyl
 Concen: 93.464 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101640.D
 Acq: 22 Dec 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1218275

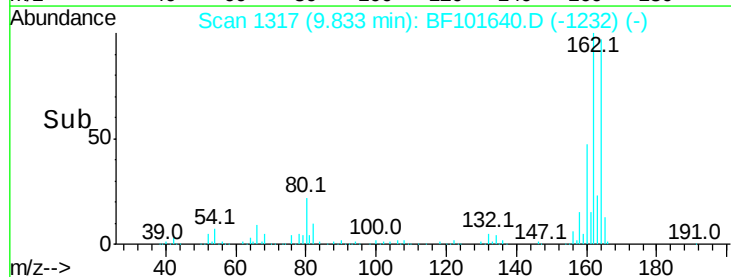
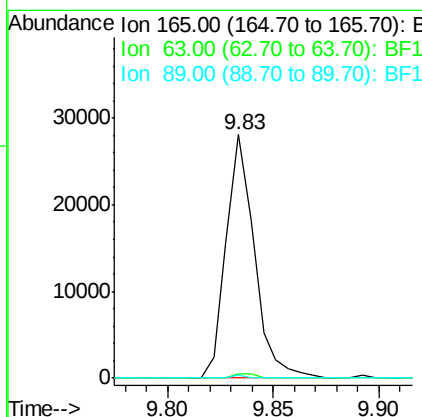
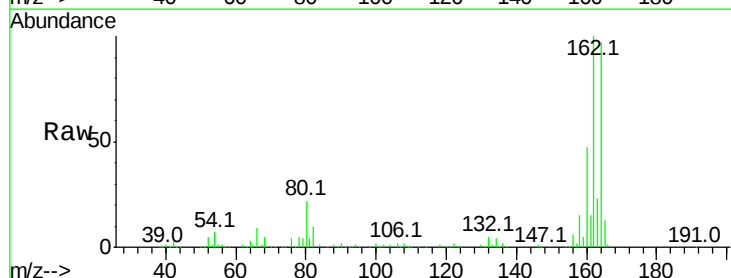
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4

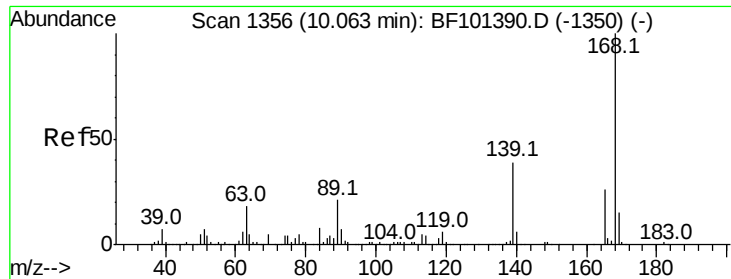


#50
 2,6-Dinitrotoluene
 Concen: 7.843 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF101640.D
 Acq: 22 Dec 2017 7:34

Tgt Ion:165 Resp: 25925

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.3	44.0	66.0#

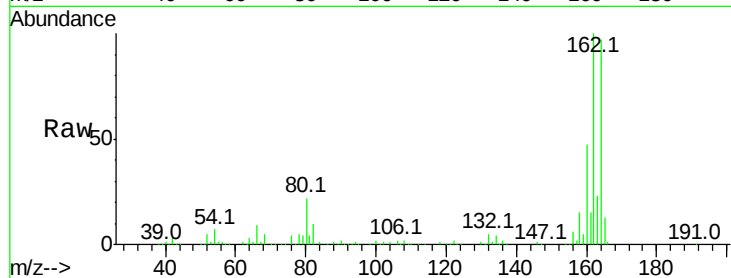




#56
 2,4-Dinitrotoluene
 Concen: 6.961 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF101640.D
 Acq: 22 Dec 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

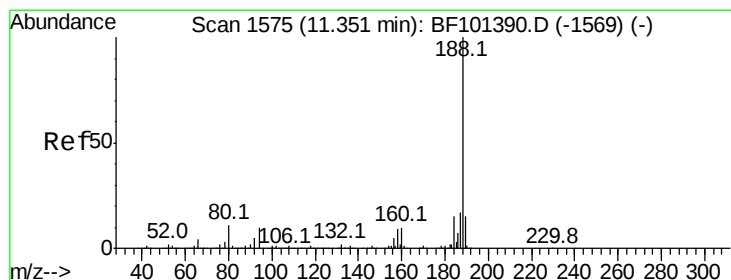
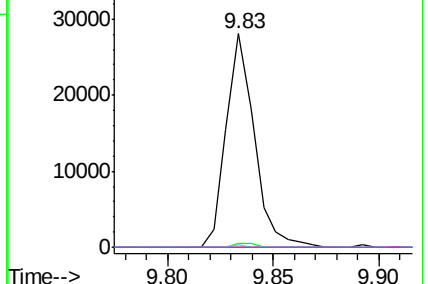
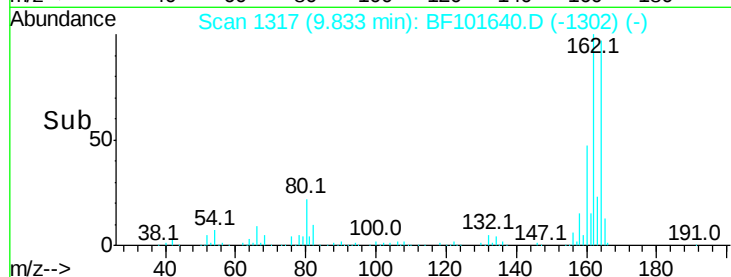


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

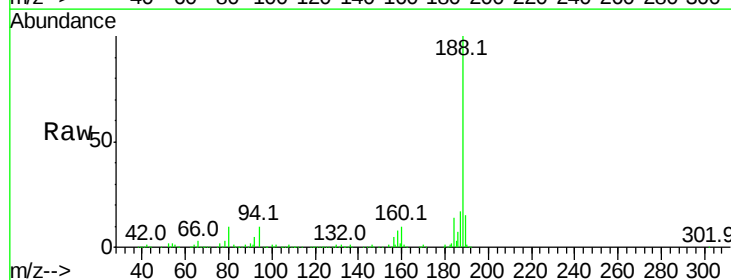
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF101640.D
 Acq: 22 Dec 2017 7:34

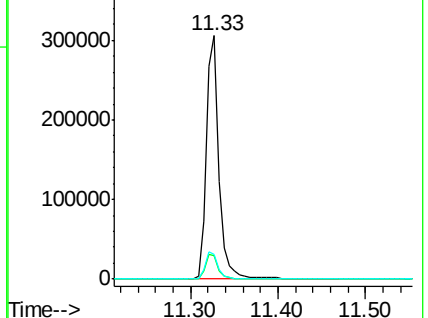
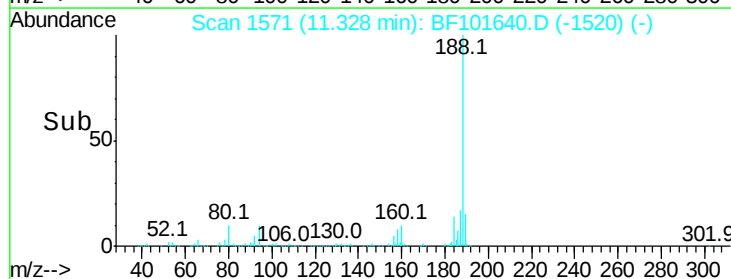
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8

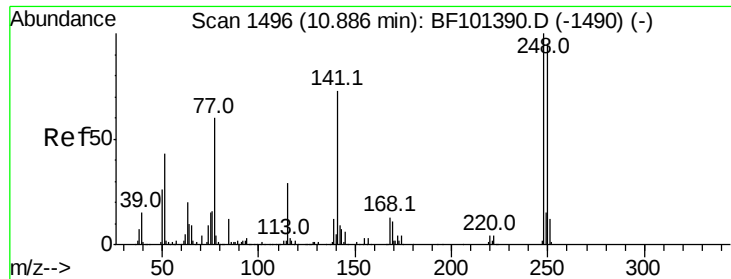


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

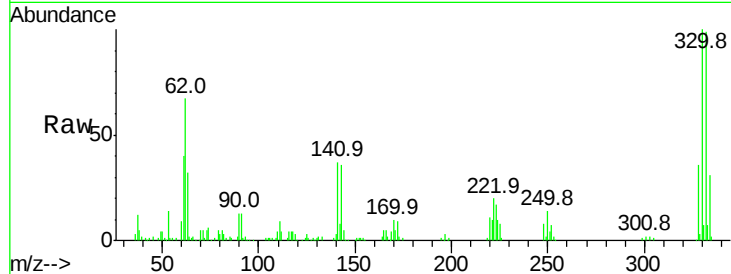




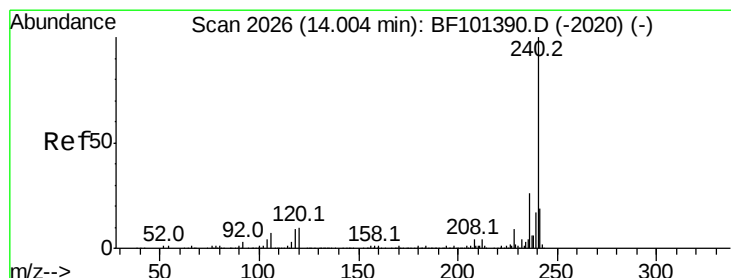
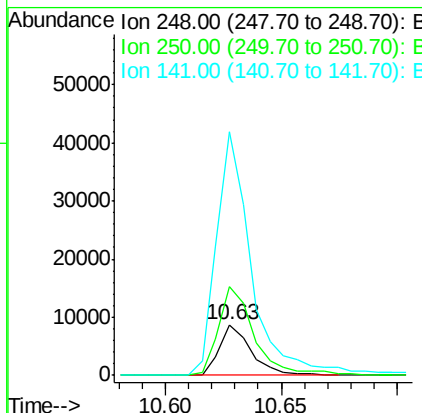
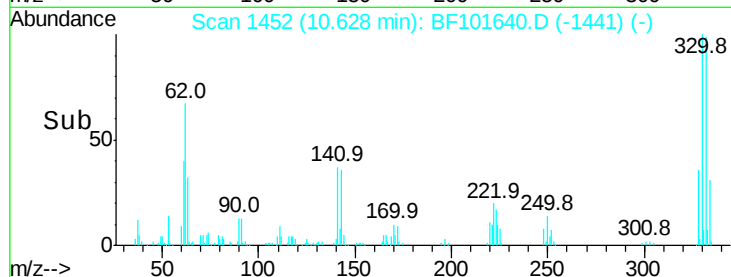
#66
4-Bromophenyl-phenylether
Concen: 2.430 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101640.D
Acq: 22 Dec 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8389
Ion Ratio Lower Upper
248 100
250 177.3 76.9 115.3#
141 483.5 74.4 111.6#

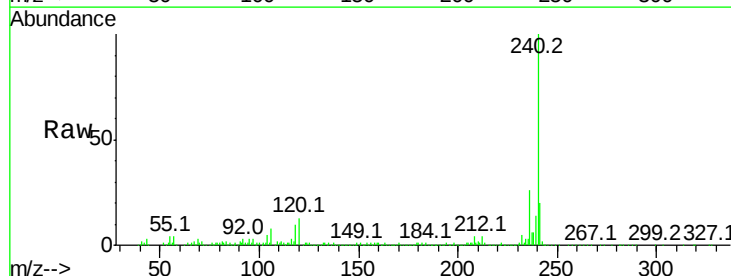


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

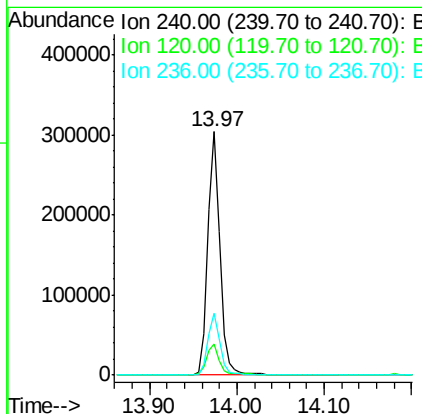
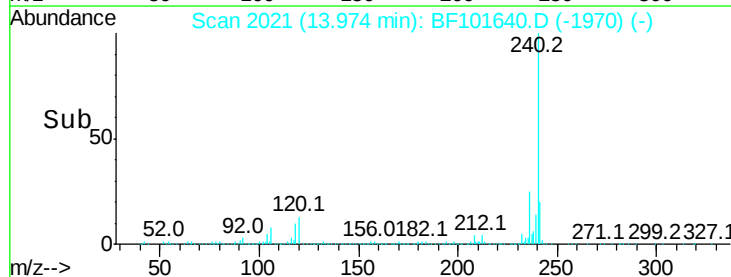


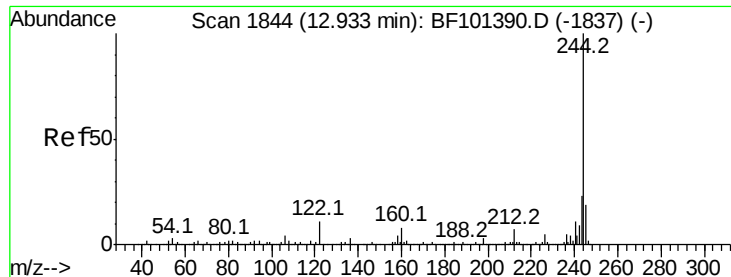
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF101640.D
Acq: 22 Dec 2017 7:34

Tgt Ion:240 Resp: 296456
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.5 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: 67.519 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

Instrument :

BNA_F

ClientSampleId :

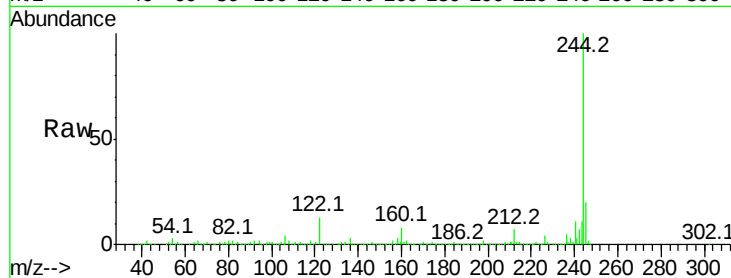
Tot Ion:244 Resp: 830291

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

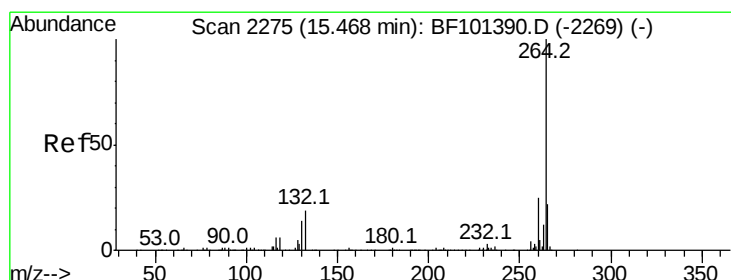
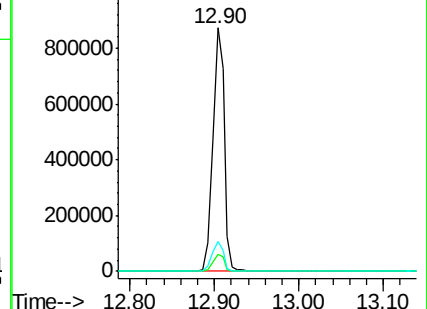
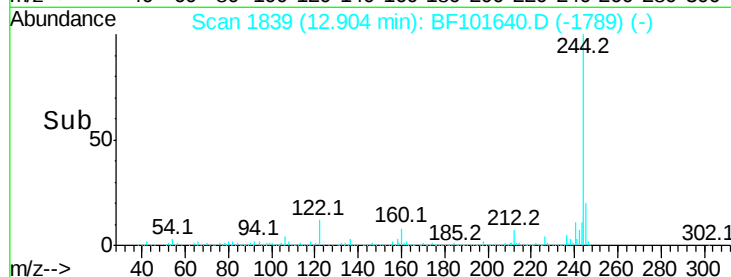
122 12.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101640.D

Acq: 22 Dec 2017 7:34

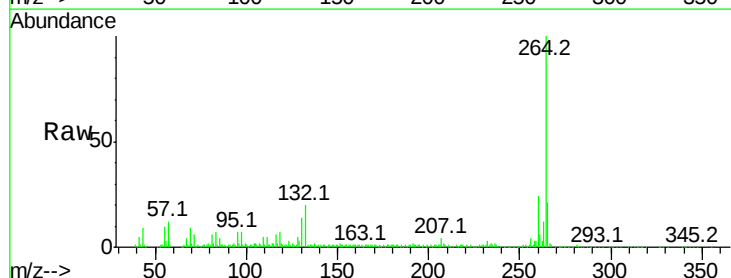
Tgt Ion:264 Resp: 228052

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

