

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101680.D
 Acq On : 23 Dec 2017 4:33
 Operator : SJ/JU
 Sample : I6971-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-D-M

Quant Time: Dec 23 05:02:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

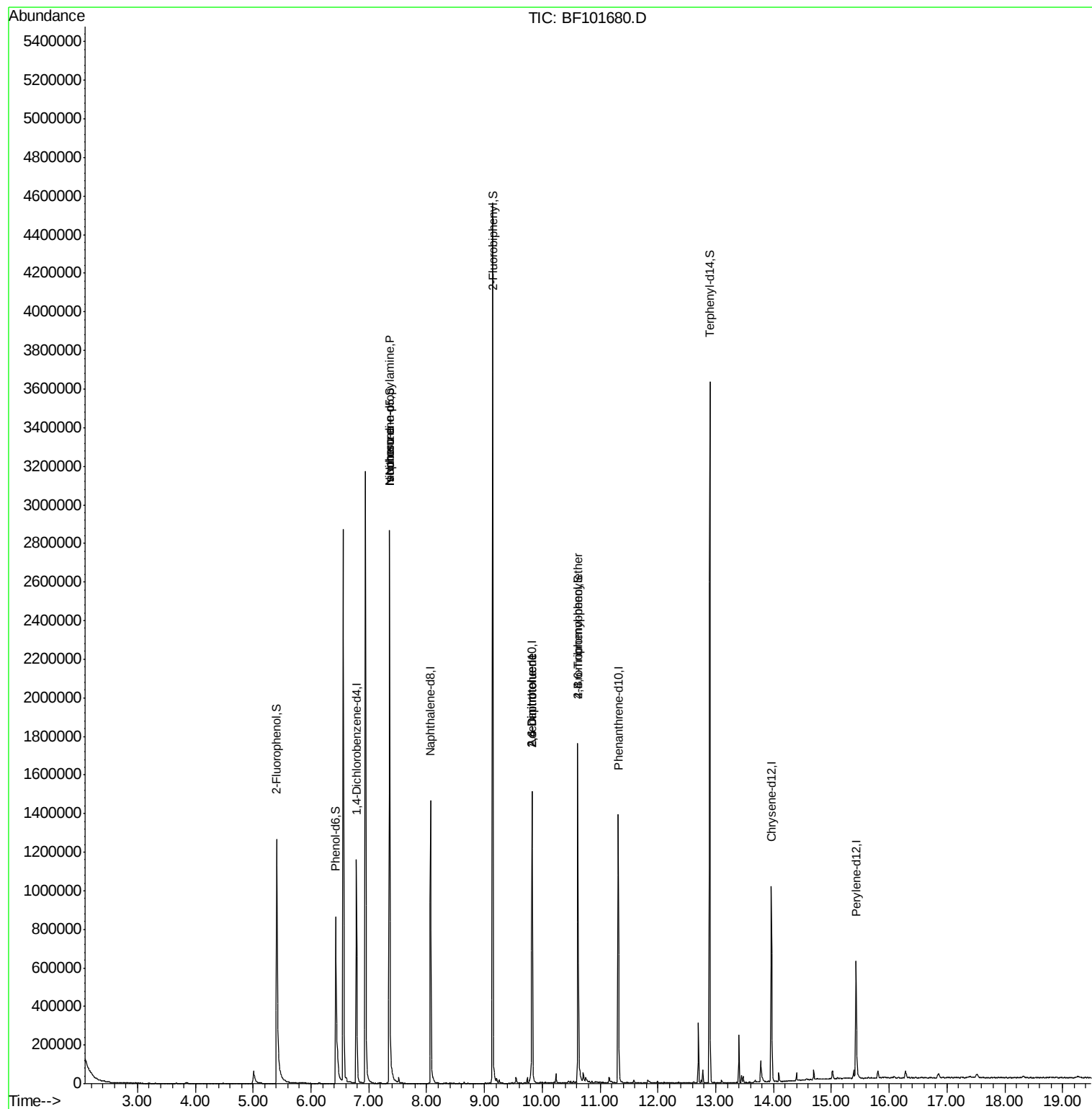
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	178284	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	702302	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	297558	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	515297	20.00	ng	0.00
75) Chrysene-d12	13.96	240	353367	20.00	ng	0.00
86) Perylene-d12	15.43	264	320708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	551455	46.07	ng	0.00
7) Phenol-d6	6.43	99	441592	29.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	1111670	88.11	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	253670	88.47	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1656541	86.36	ng	0.00
78) Terphenyl-d14	12.90	244	1345599	91.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	148669	15.198	ng	# 82
25) Isophorone	7.36	82	1111663	43.923	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	38121	7.837	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	38121	6.955	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	15957	2.756	ng	# 1

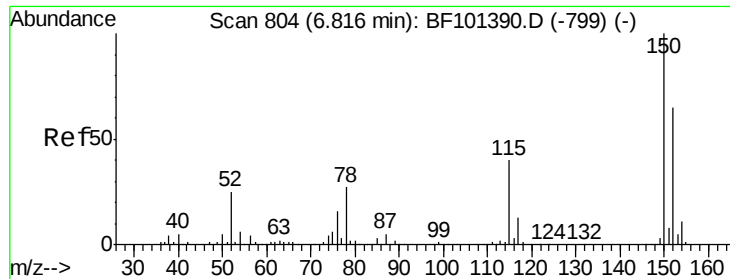
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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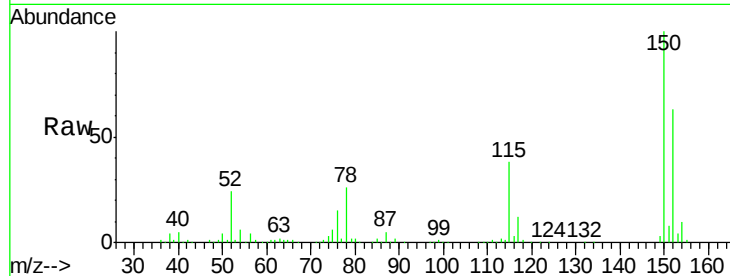


#1

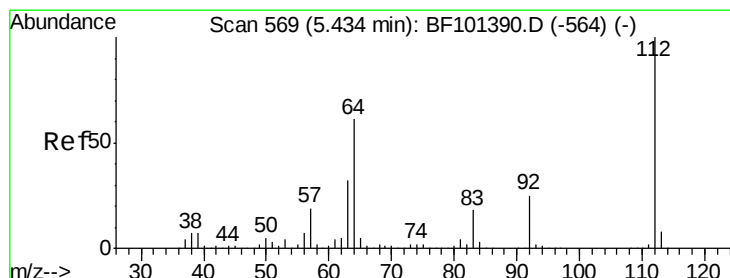
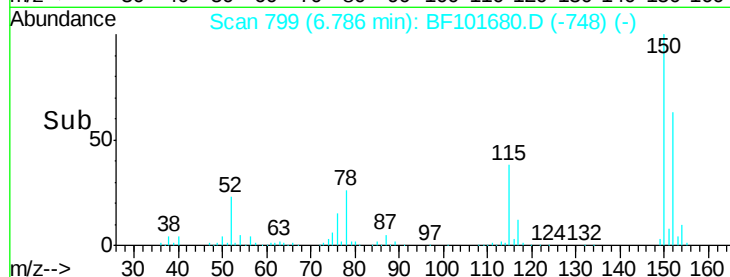
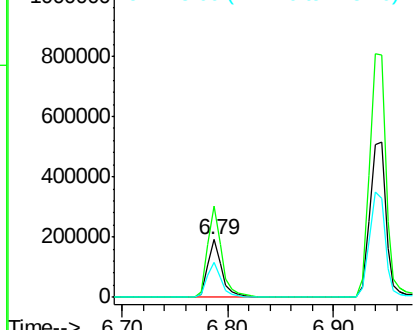
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101680.D
Acq: 23 Dec 2017 4:33

Instrument :
BNA_F
ClientSampleId :
121517-TIFR-E-D-M

Tot Ion:152 Resp: 178284
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 60.7 50.1 75.1



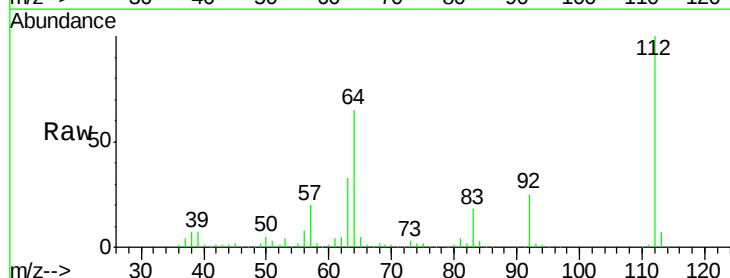
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



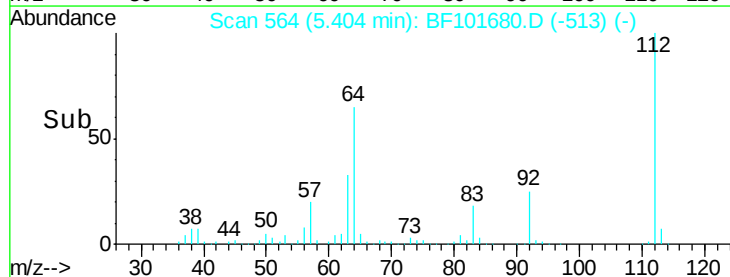
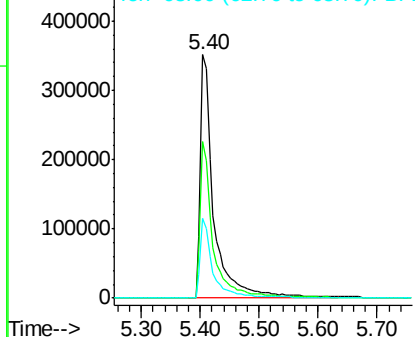
#5

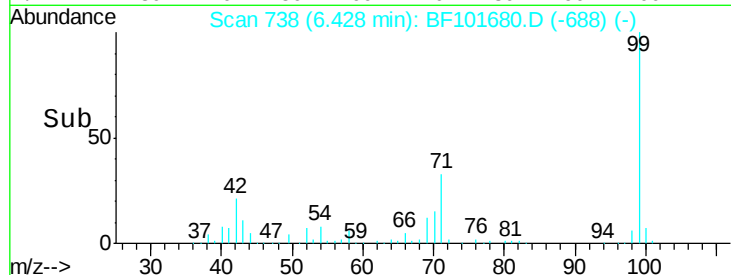
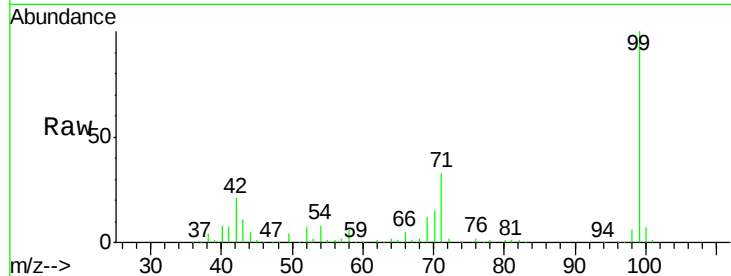
2-Fluorophenol
Concen: 46.075 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF101680.D
Acq: 23 Dec 2017 4:33

Tgt Ion:112 Resp: 551455
Ion Ratio Lower Upper
112 100
64 64.5 47.9 71.9
63 32.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 29.646 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101680.D

Acq: 23 Dec 2017 4:33

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-D-M

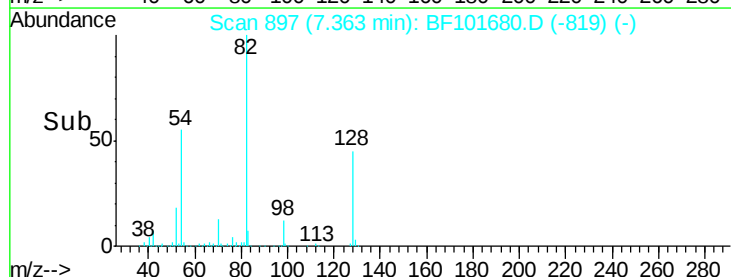
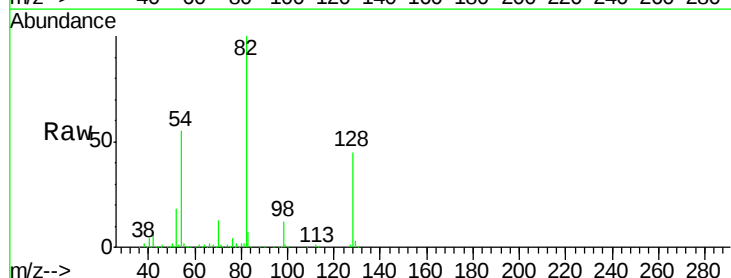
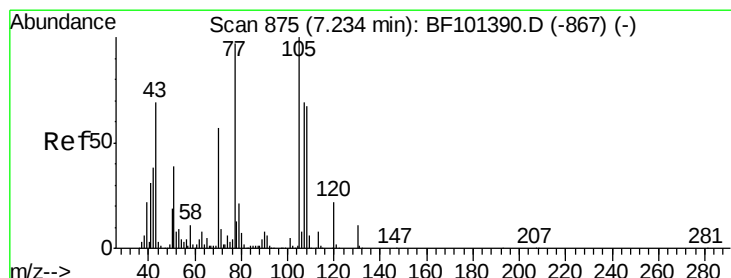
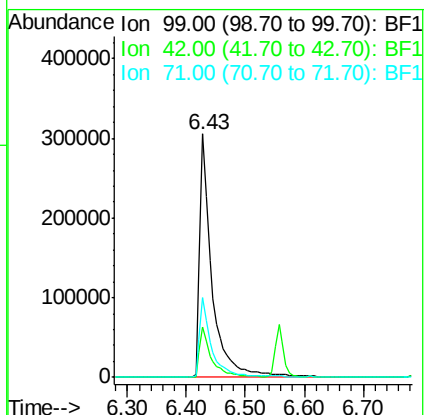
Tot Ion: 99 Resp: 441592

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 32.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.198 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101680.D

Acq: 23 Dec 2017 4:33

Tgt Ion: 70 Resp: 148669

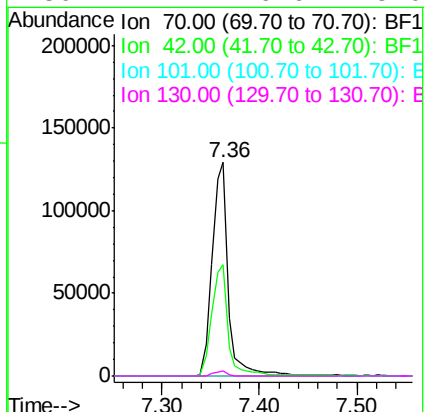
Ion Ratio Lower Upper

70 100

42 52.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

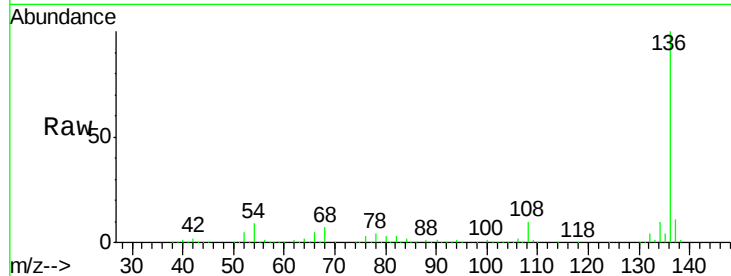




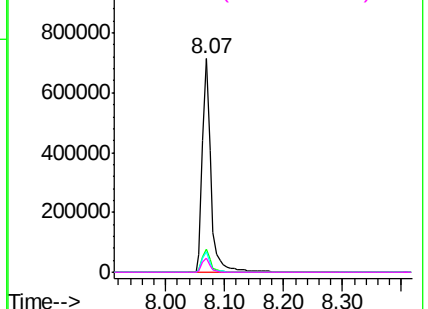
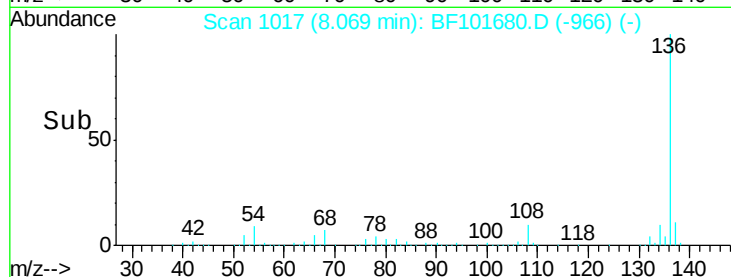
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101680.D
Acq: 23 Dec 2017 4:33

Instrument :
BNA_F
ClientSampleId :
121517-TIFR-E-D-M

Tot Ion:136	Resp:	702302
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	9.5	6.6 9.8
68	6.9	5.0 7.4

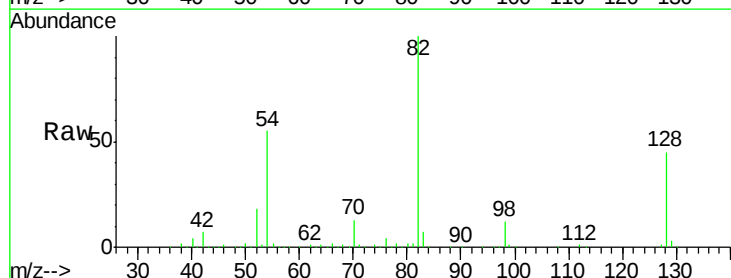


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

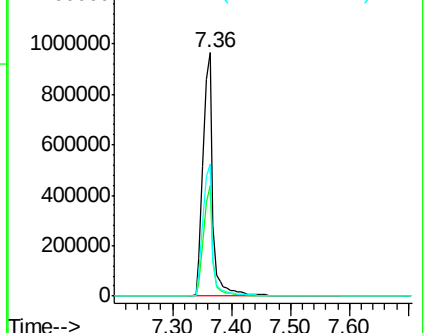
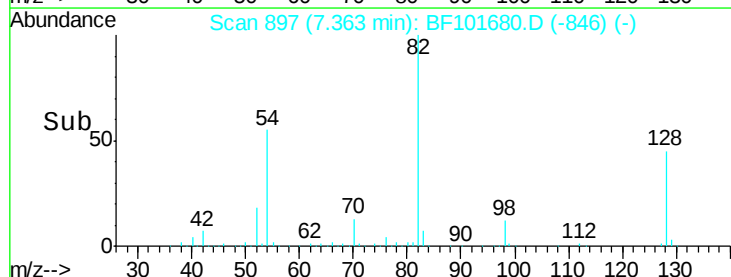


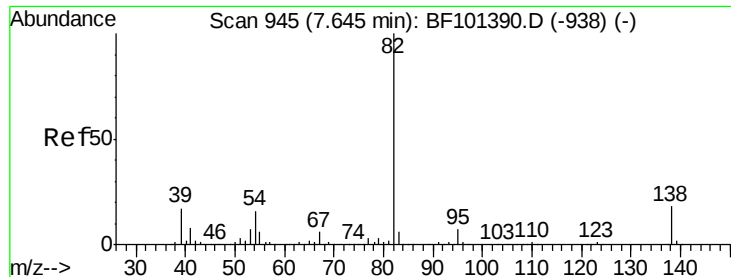
#23
Nitrobenzene-d5
Concen: 88.113 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101680.D
Acq: 23 Dec 2017 4:33

Tgt Ion: 82	Resp:	1111670
Ion Ratio	Lower	Upper
82	100	
128	45.3	36.1 54.1
54	54.5	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: 43.923 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101680.D

Acq: 23 Dec 2017 4:33

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-D-M

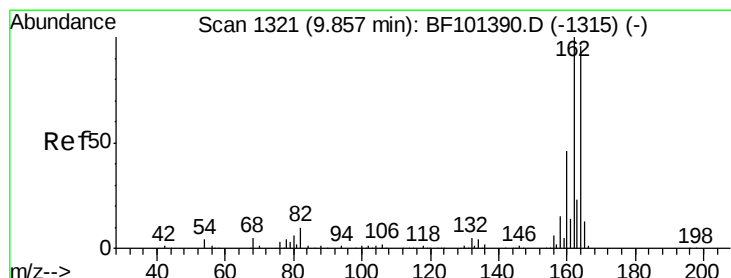
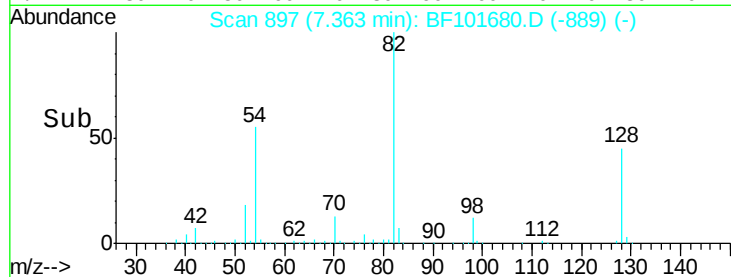
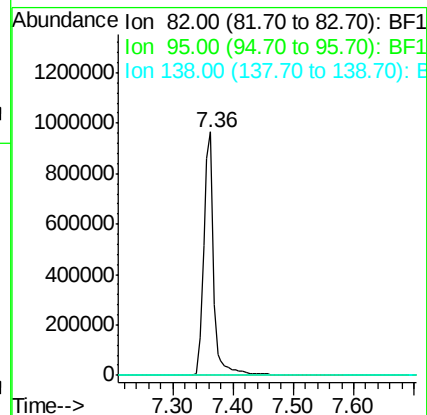
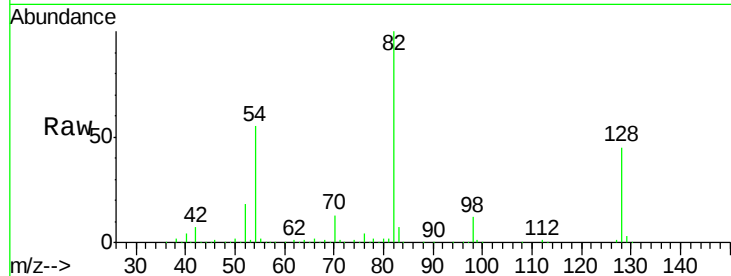
Tot Ion: 82 Resp: 1111663

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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101680.D

Acq: 23 Dec 2017 4:33

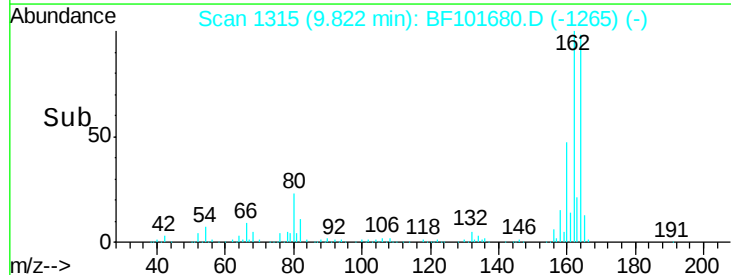
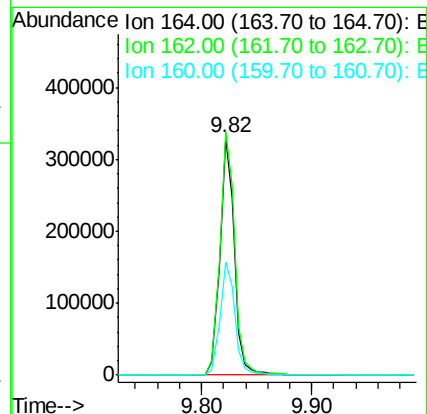
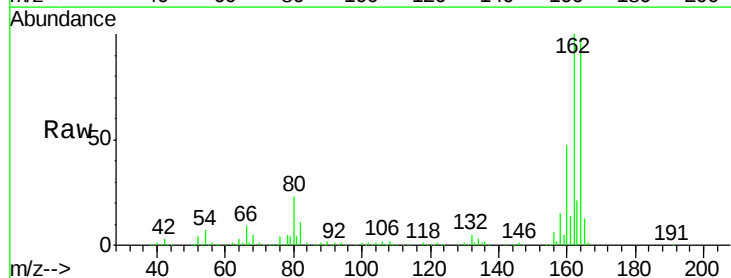
Tgt Ion:164 Resp: 297558

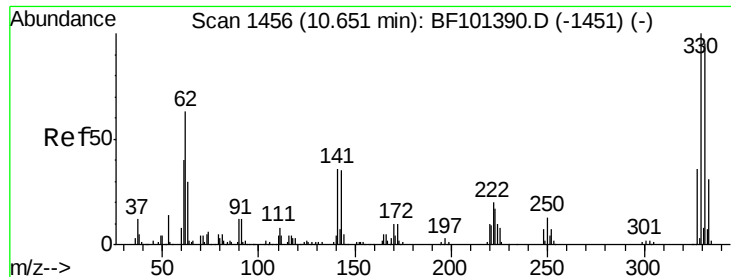
Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

160 47.8 38.3 57.5

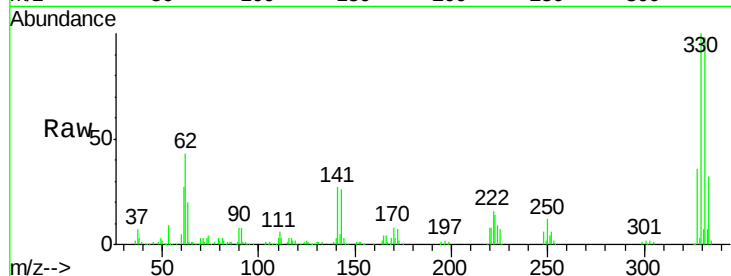




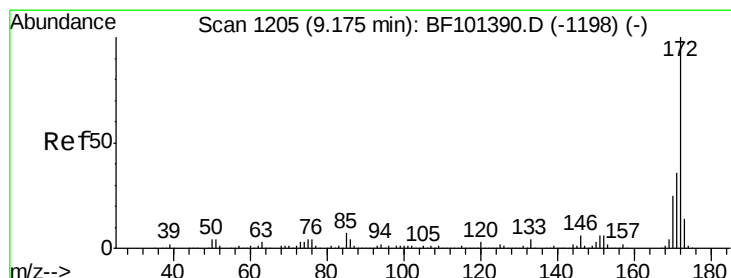
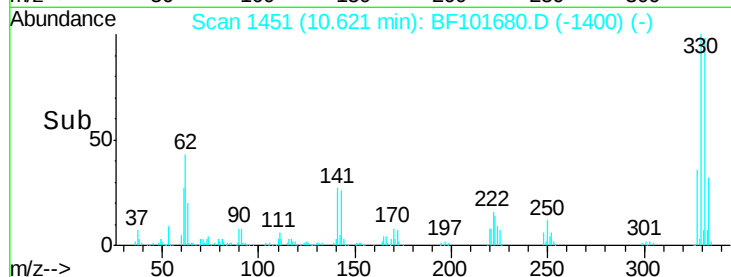
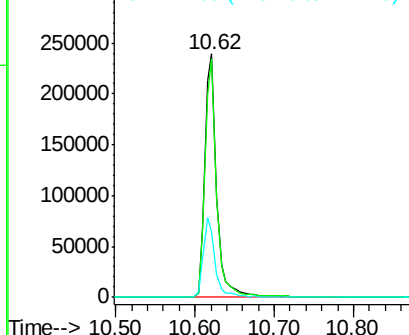
#41
 2,4,6-Tribromophenol
 Concen: 88.473 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101680.D
 Acq: 23 Dec 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-D-M

Tot Ion:330 Resp: 253670
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 33.0 29.9 44.9

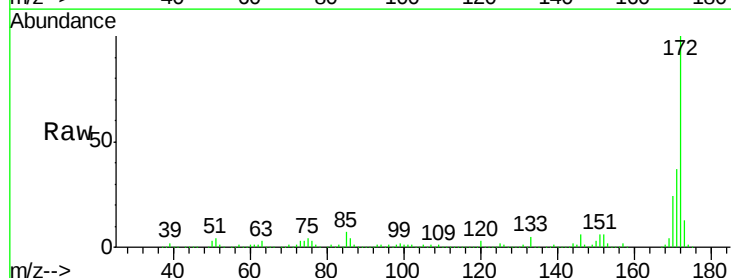


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

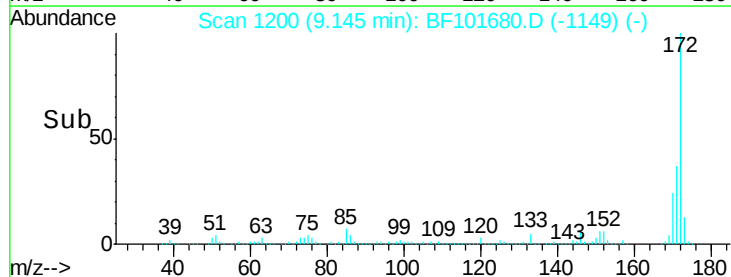
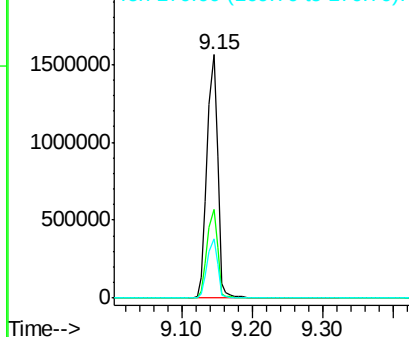


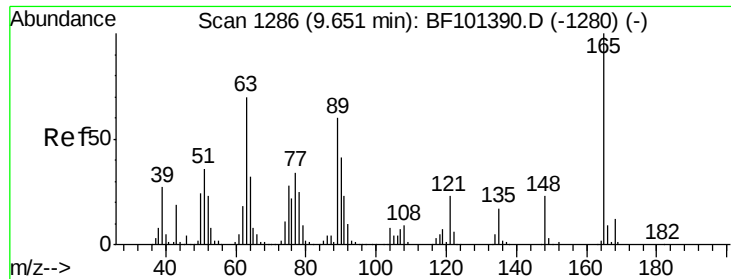
#44
 2-Fluorobiphenyl
 Concen: 86.359 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101680.D
 Acq: 23 Dec 2017 4:33

Tgt Ion:172 Resp: 1656541
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.3 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

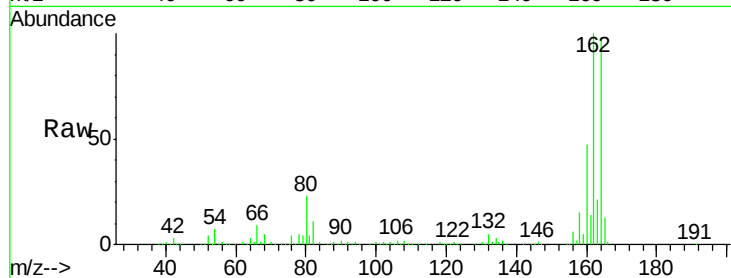




#50
2,6-Dinitrotoluene
Concen: 7.837 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101680.D
Acq: 23 Dec 2017 4:33

Instrument :
BNA_F
ClientSampleId :
121517-TIFR-E-D-M

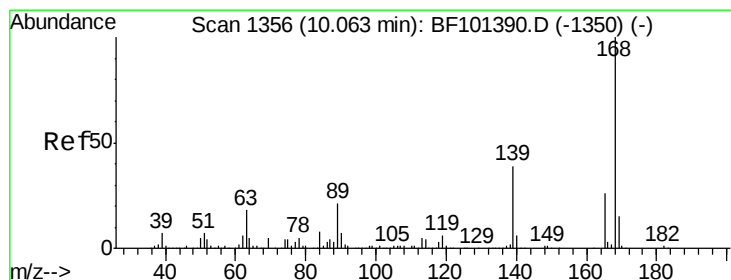
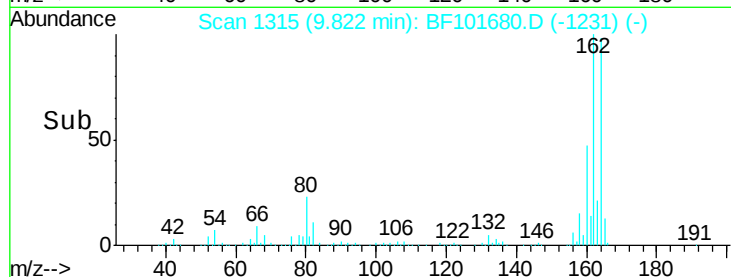
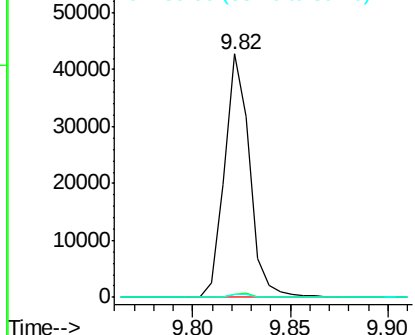
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



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: 6.955 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101680.D
Acq: 23 Dec 2017 4:33

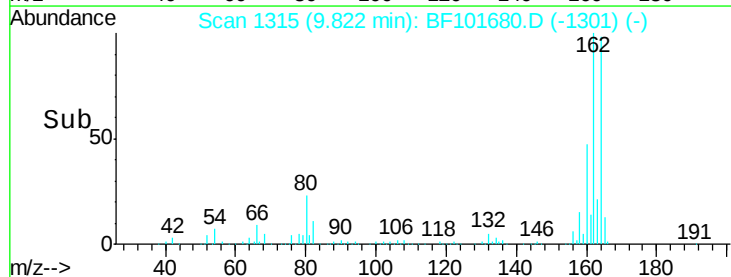
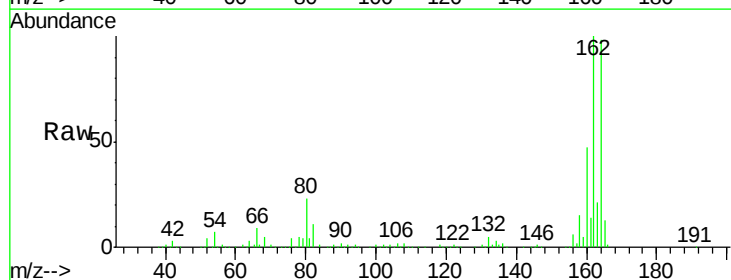
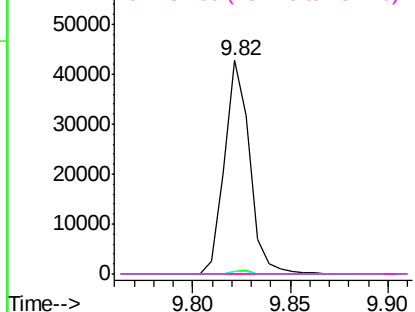
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

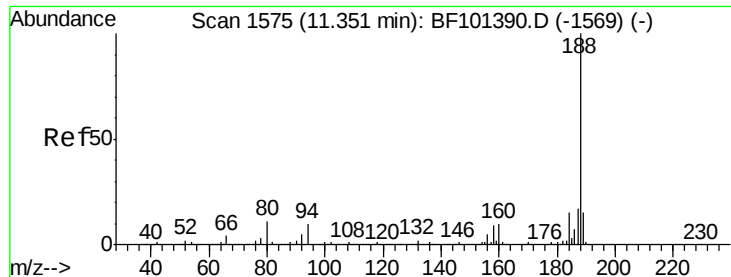
Abundance Ion 165.00 (164.70 to 165.70): E

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

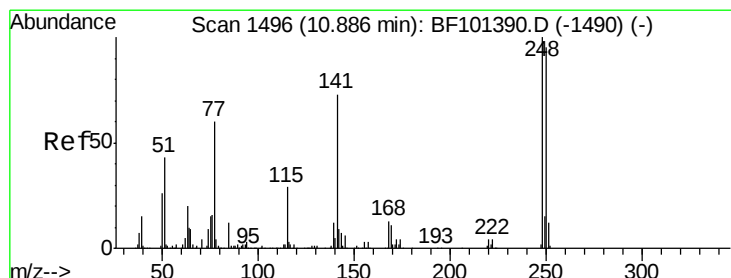
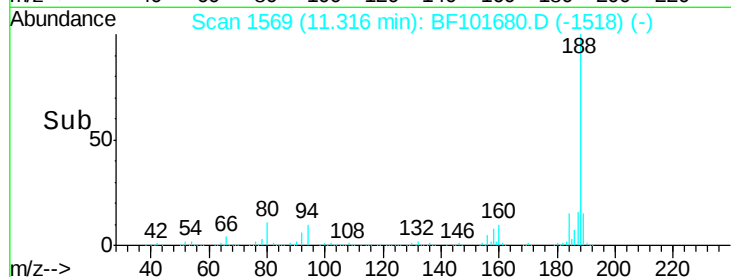
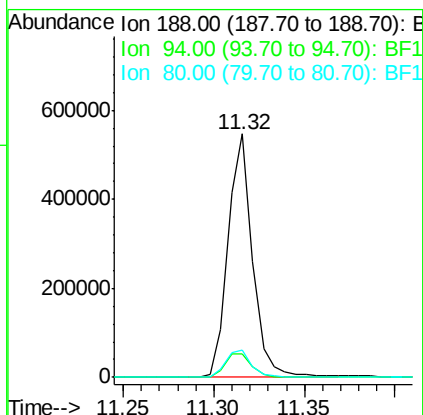
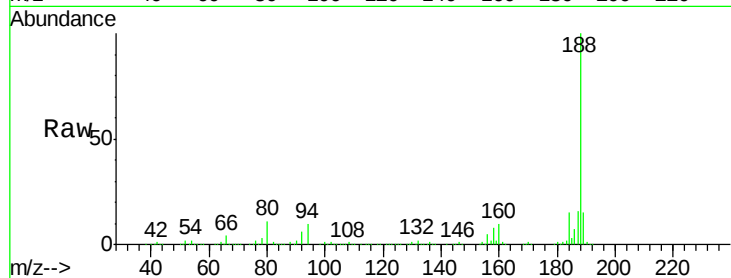




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101680.D
Acq: 23 Dec 2017 4:33

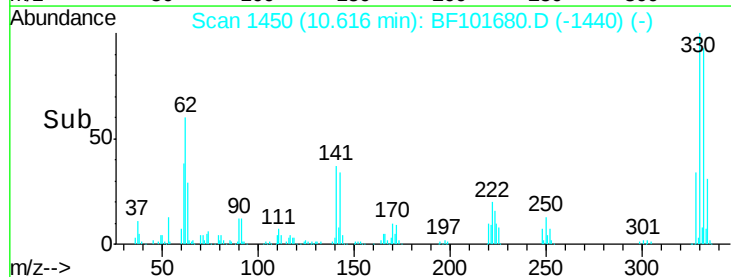
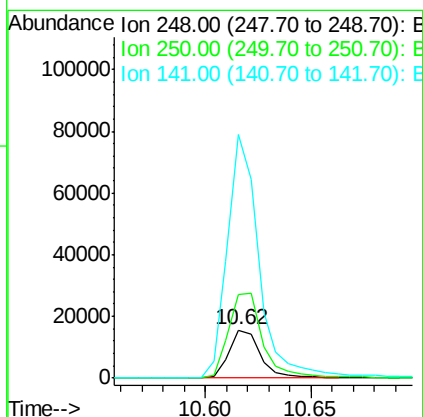
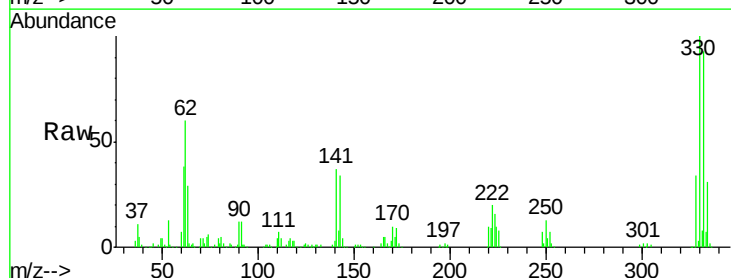
Instrument :
BNA_F
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121517-TIFR-E-D-M

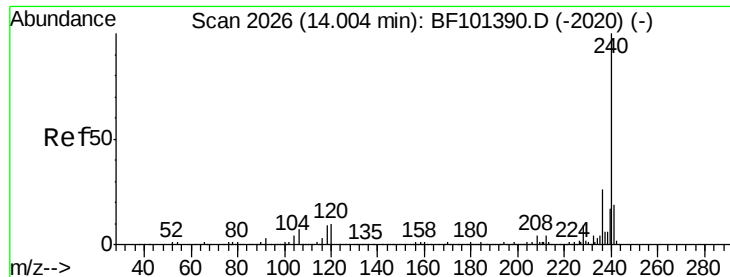
Tot Ion:188 Resp: 515297
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 11.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.756 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF101680.D
Acq: 23 Dec 2017 4:33

Tgt Ion:248 Resp: 15957
Ion Ratio Lower Upper
248 100
250 174.8 76.9 115.3#
141 505.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101680.D

Acq: 23 Dec 2017 4:33

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-D-M

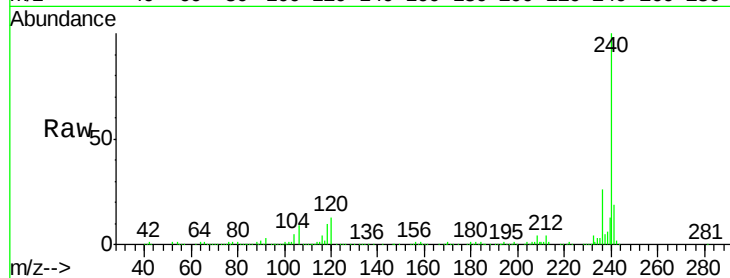
Tot Ion:240 Resp: 353367

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

236 26.3 20.7 31.1

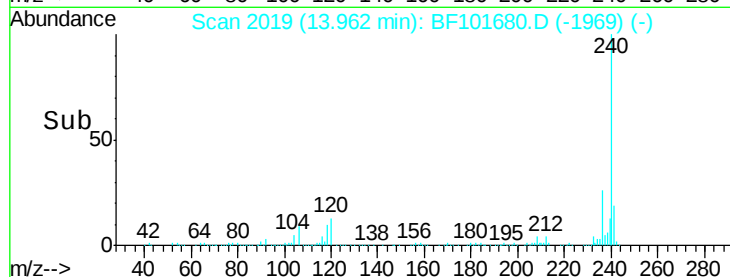


Abundance Ion 240.00 (239.70 to 240.70): E

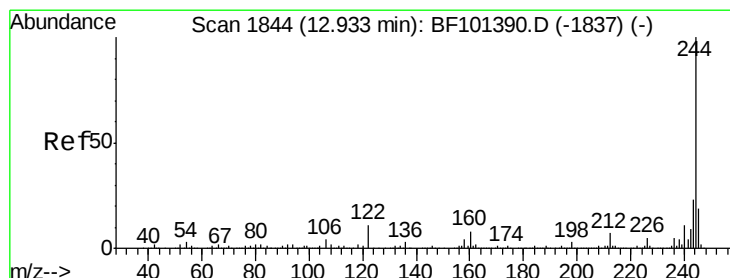
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.96



Time-->



#78

Terphenyl-d14

Concen: 91.801 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101680.D

Acq: 23 Dec 2017 4:33

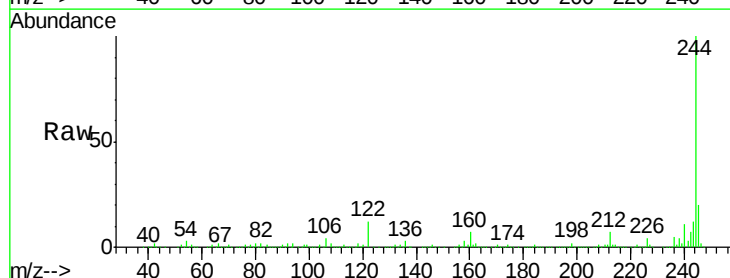
Tgt Ion:244 Resp: 1345599

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 11.6 11.0 16.4

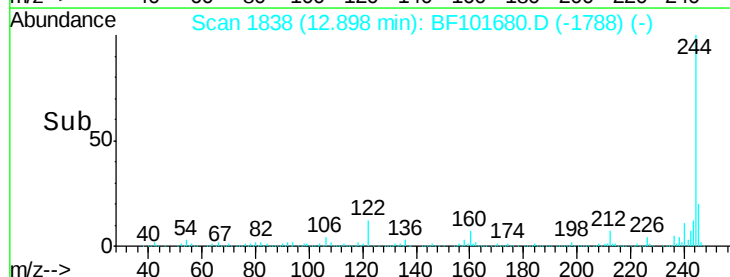


Abundance Ion 244.00 (243.70 to 244.70): E

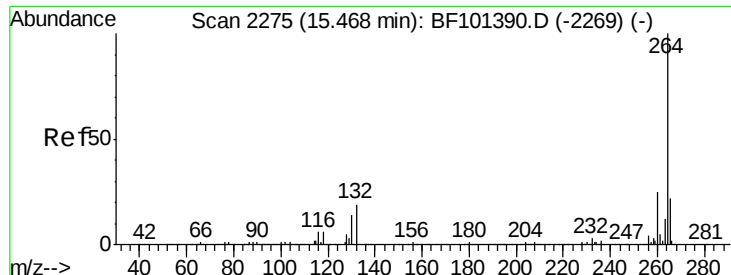
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.90



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101680.D
Acq: 23 Dec 2017 4:33

Instrument :
BNA_F
ClientSampleId :
121517-TIFR-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.9	17.5	26.3

