

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101751.D
 Acq On : 27 Dec 2017 9:09
 Operator : SJ/JU
 Sample : I7010-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 10:22:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

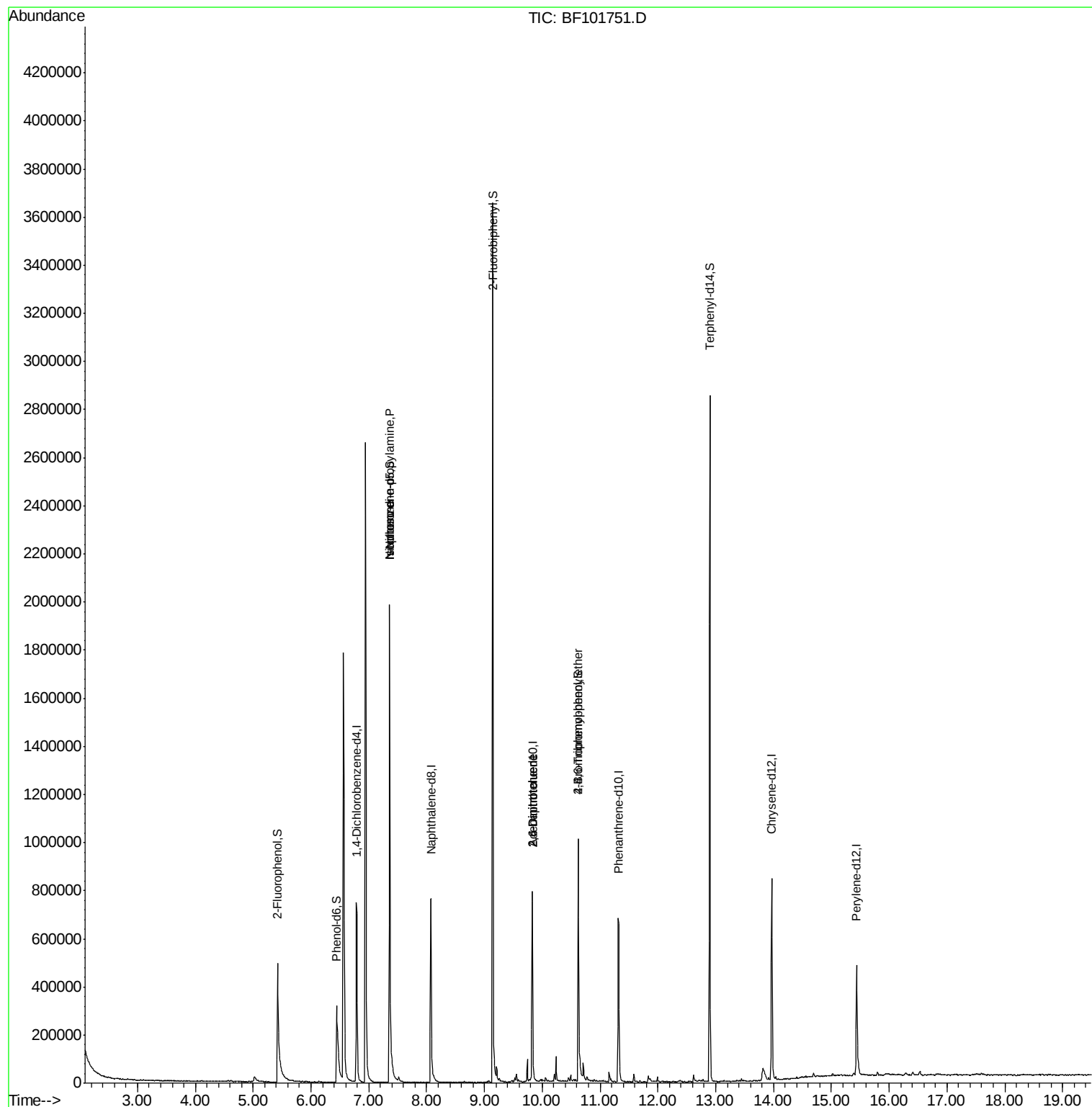
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	135168	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	484046	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	182534	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	304205	20.00	ng	0.00
75) Chrysene-d12	13.97	240	317839	20.00	ng	0.00
86) Perylene-d12	15.44	264	267630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	325325	35.85	ng	0.02
7) Phenol-d6	6.45	99	242006	21.43	ng	0.01
23) Nitrobenzene-d5	7.36	82	805218	92.60	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	152560	86.74	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1236826	105.11	ng	0.00
78) Terphenyl-d14	12.90	244	1001335	75.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	103120	13.904	ng	# 81
25) Isophorone	7.36	82	805213	46.160	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	23503	7.876	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	23503	6.991	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	10054	2.941	ng	# 1

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

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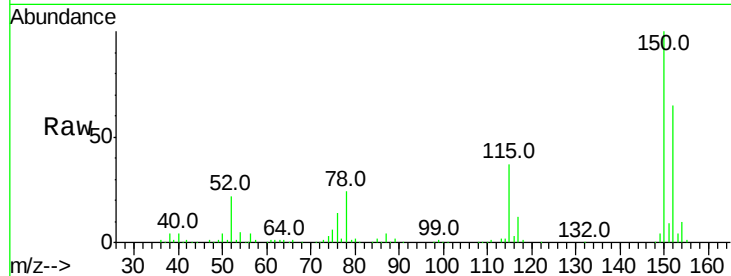


#1

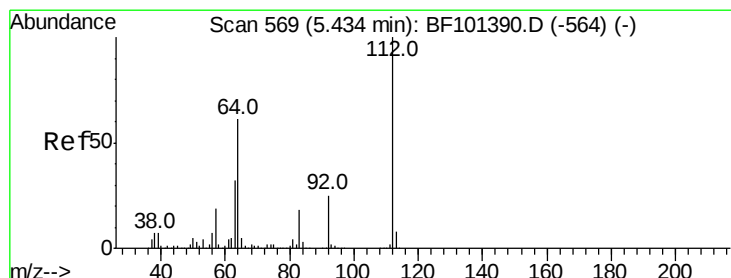
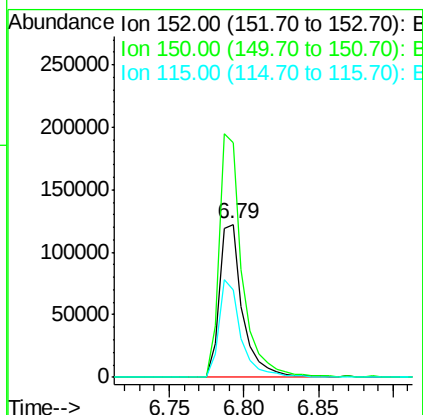
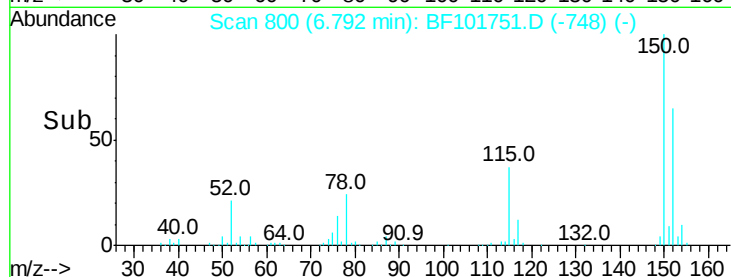
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101751.D
Acq: 27 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135168
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 57.2 50.1 75.1



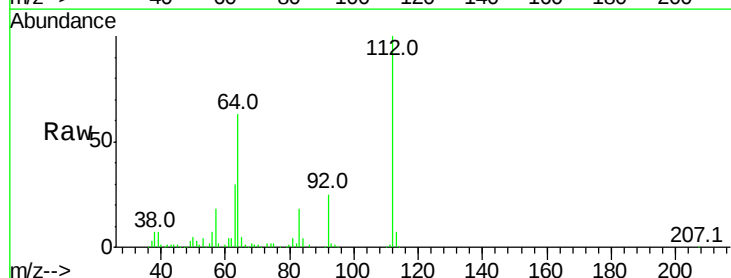
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



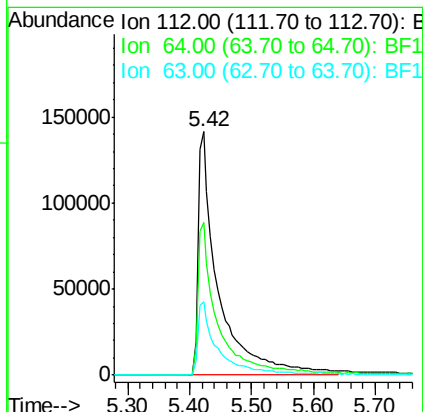
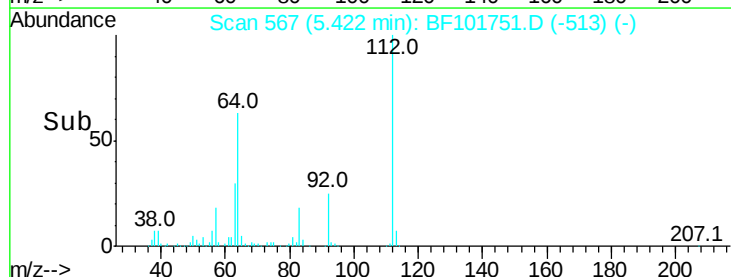
#5

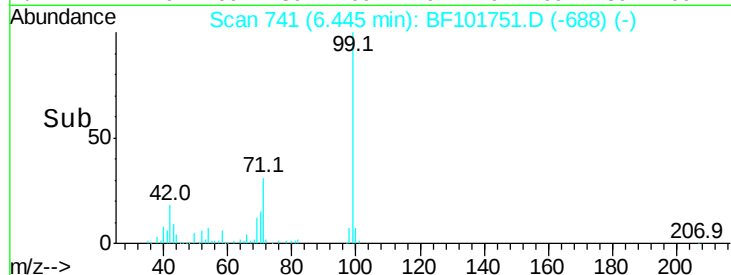
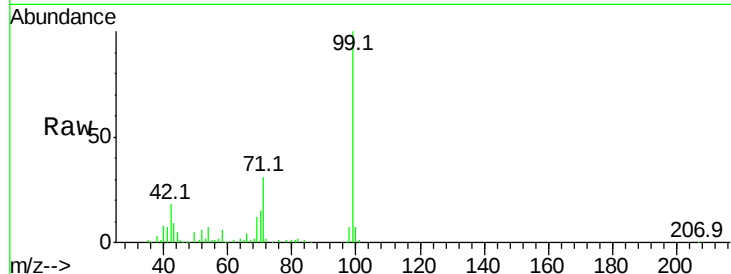
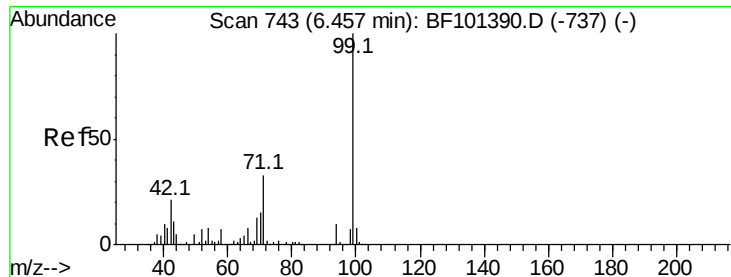
2-Fluorophenol
Concen: 35.851 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101751.D
Acq: 27 Dec 2017 9:09

Tgt Ion:112 Resp: 325325
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 30.0 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: 21.429 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101751.D

Acq: 27 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

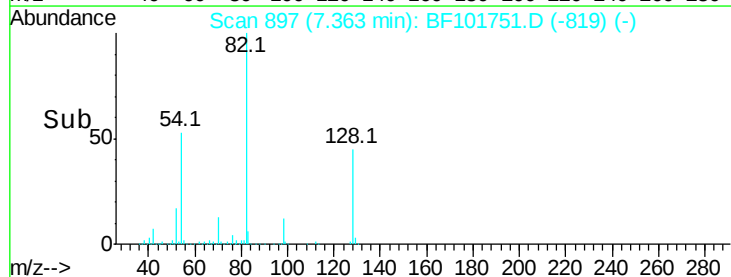
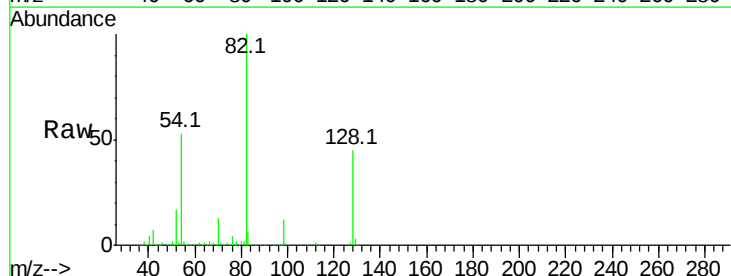
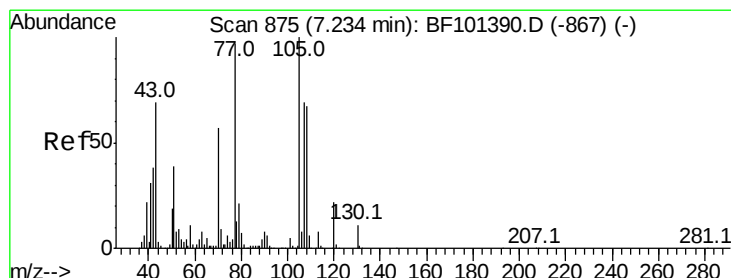
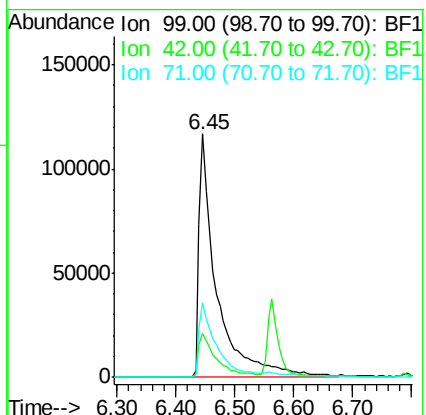
Tot Ion: 99 Resp: 242006

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 30.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.904 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101751.D

Acq: 27 Dec 2017 9:09

Tgt Ion: 70 Resp: 103120

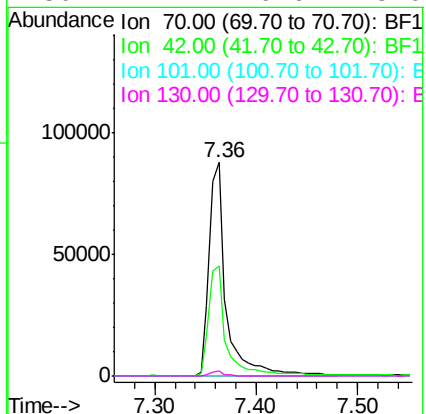
Ion Ratio Lower Upper

70 100

42 51.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

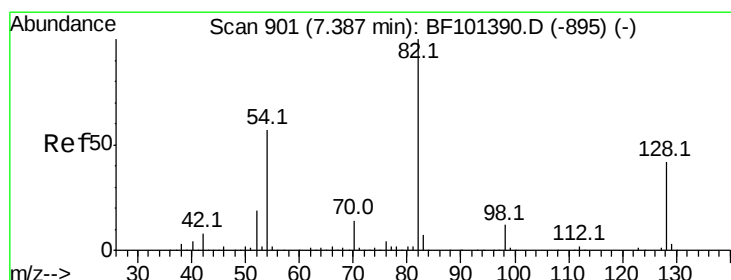
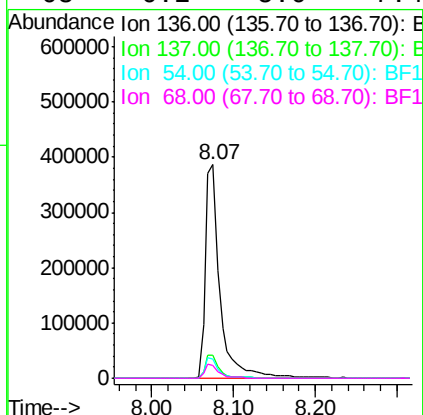
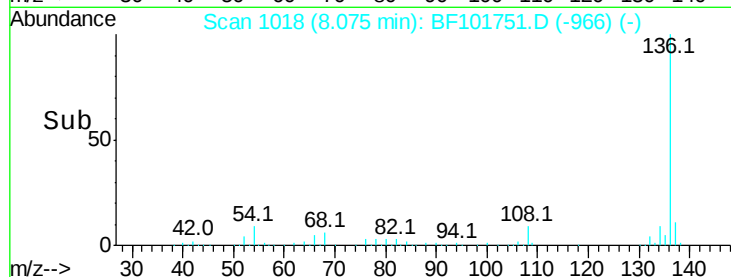
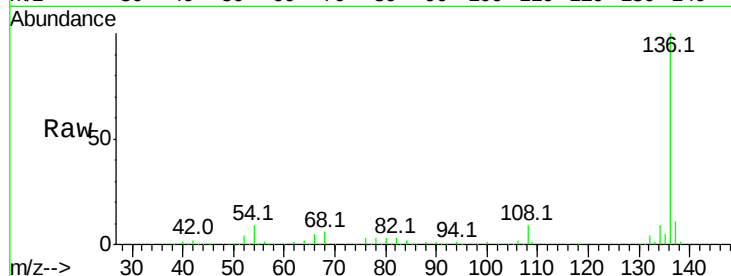




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF101751.D
Acq: 27 Dec 2017 9:09

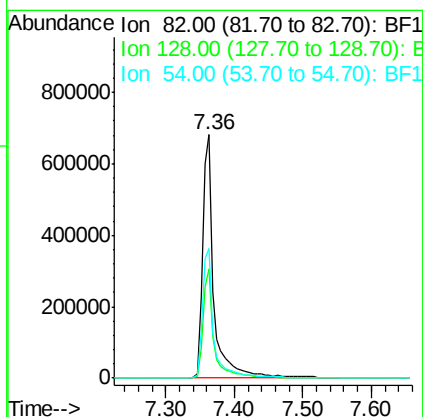
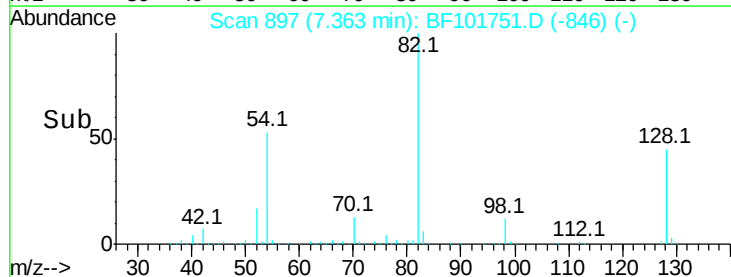
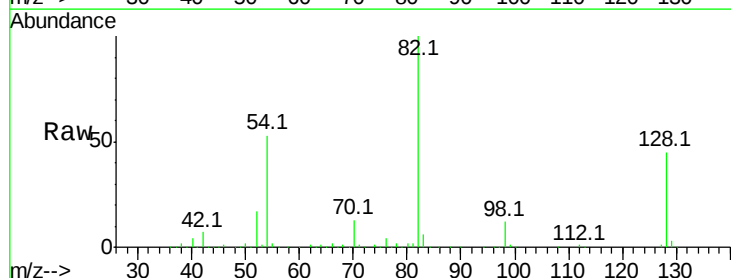
Instrument :
BNA_F
ClientSampleId :

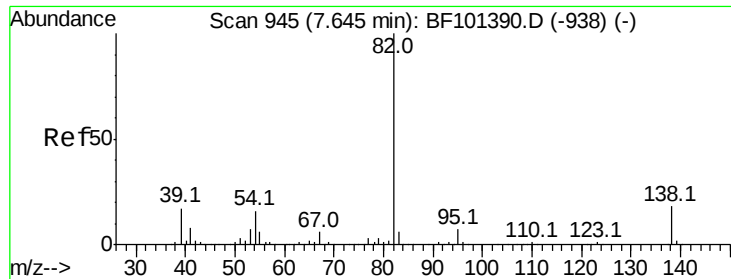
Tot Ion:	136	Resp:	484046
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	6.6	9.8
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 92.601 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101751.D
Acq: 27 Dec 2017 9:09

Tgt Ion:	82	Resp:	805218
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	53.3	41.4	62.2





#25

Isophorone

Concen: 46.160 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101751.D

Acq: 27 Dec 2017 9:09

Instrument :

BNA_F

ClientSampled :

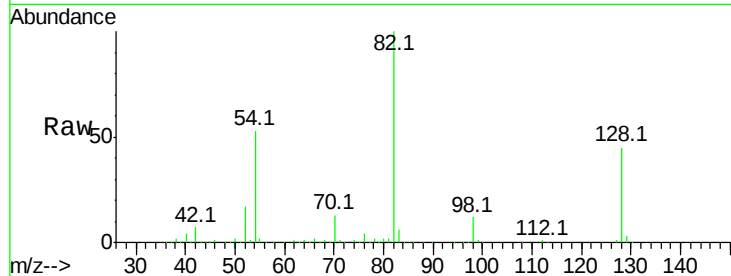
Tot Ion: 82 Resp: 805213

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

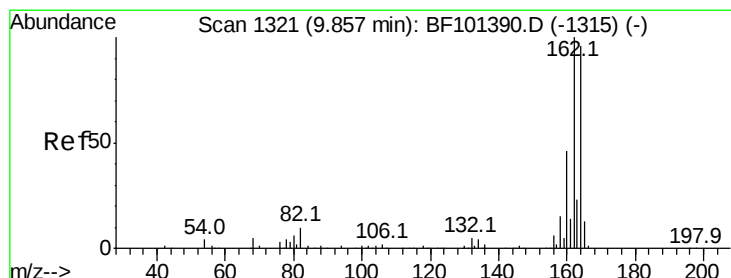
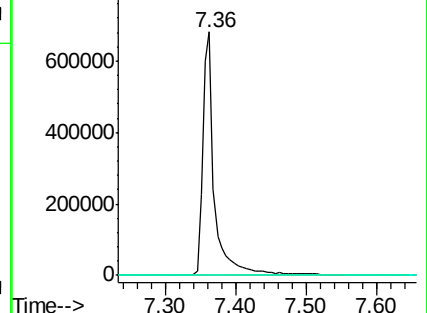
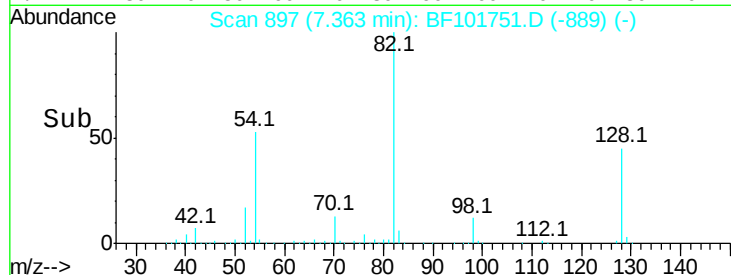
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF101751.D

Acq: 27 Dec 2017 9:09

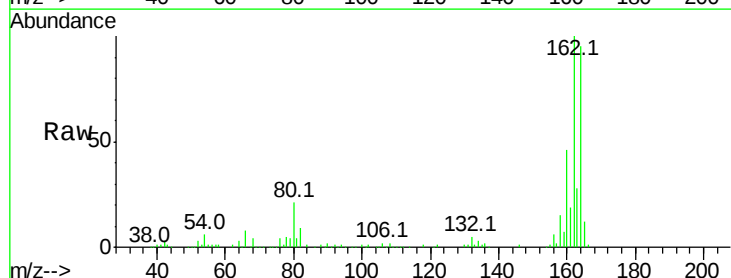
Tgt Ion:164 Resp: 182534

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

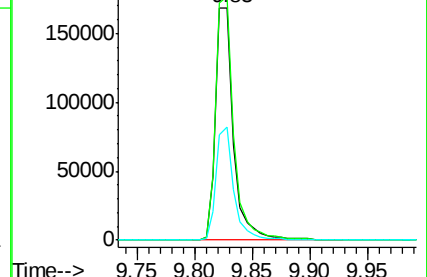
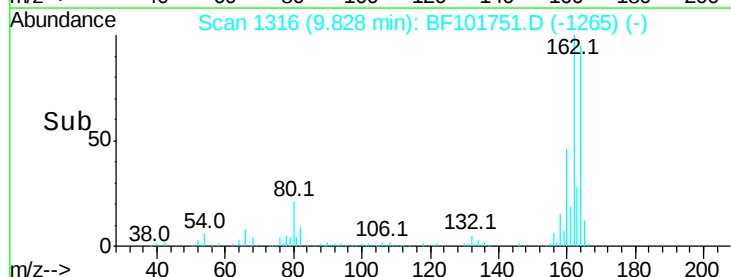
160 48.6 38.3 57.5



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

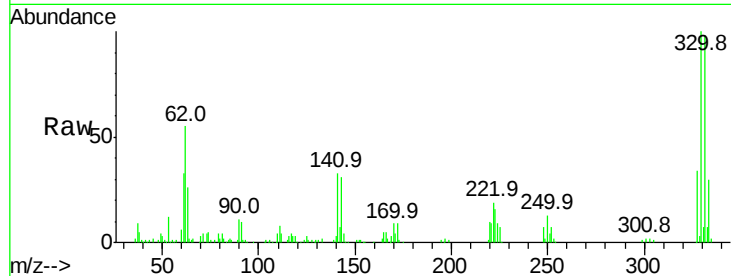




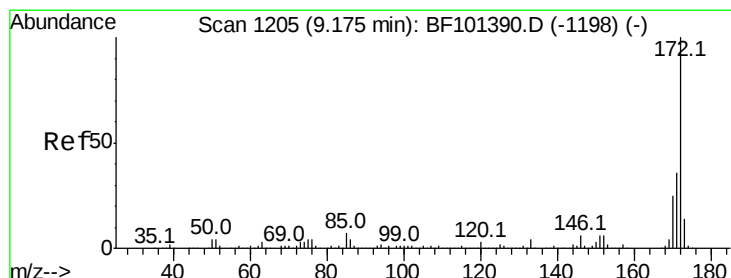
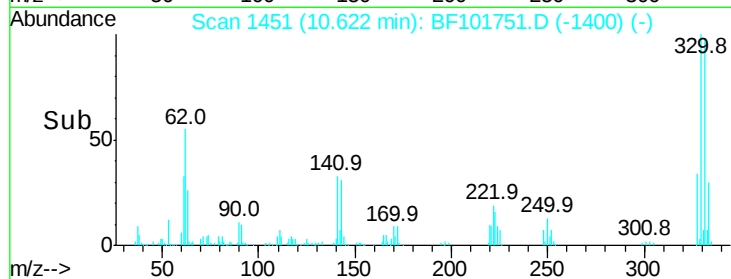
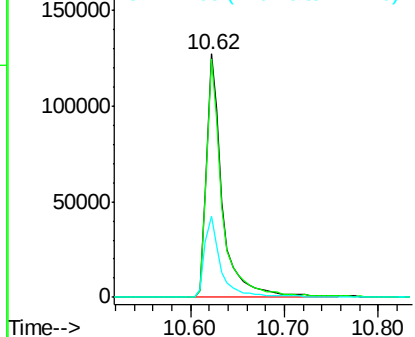
#41
 2,4,6-Tribromophenol
 Concen: 86.738 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101751.D
 Acq: 27 Dec 2017 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.2	29.9	44.9

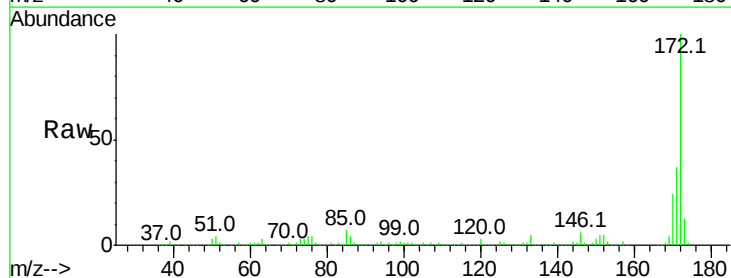


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

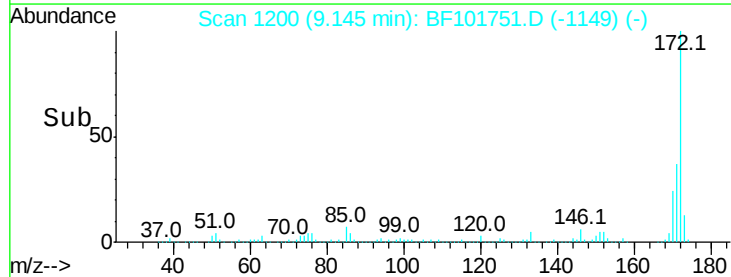
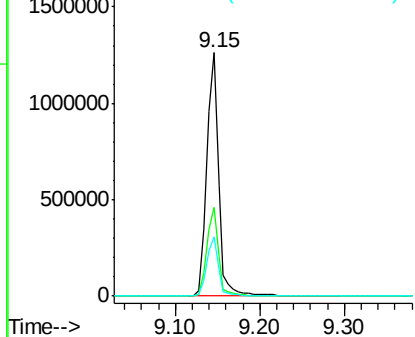


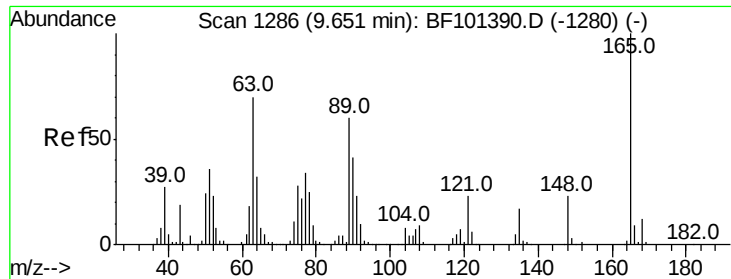
#44
 2-Fluorobiphenyl
 Concen: 105.110 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101751.D
 Acq: 27 Dec 2017 9:09

Tgt 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

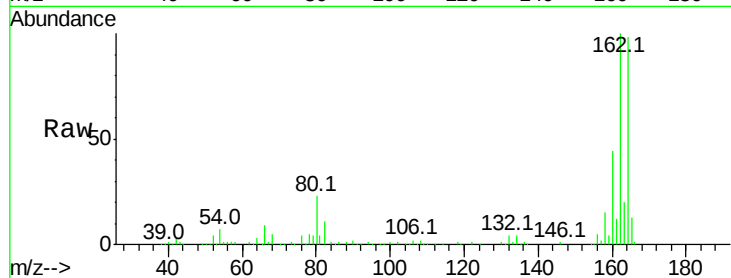




#50
 2,6-Dinitrotoluene
 Concen: 7.876 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF101751.D
 Acq: 27 Dec 2017 9:09

Instrument :
 BNA_F
 ClientSampleId :

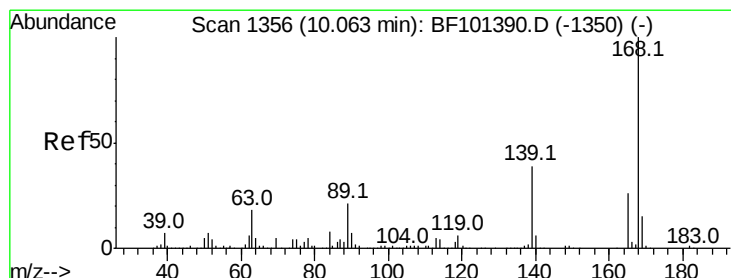
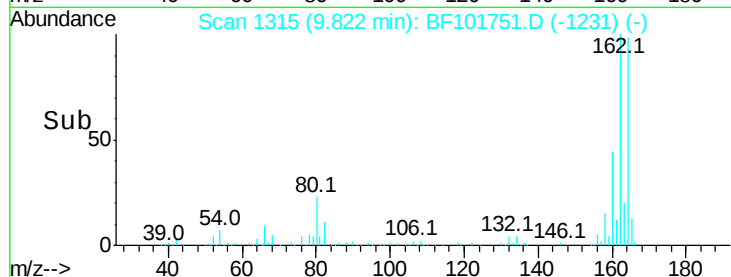
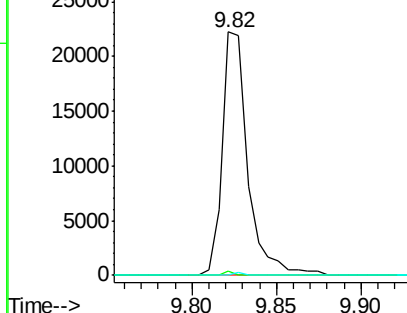
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

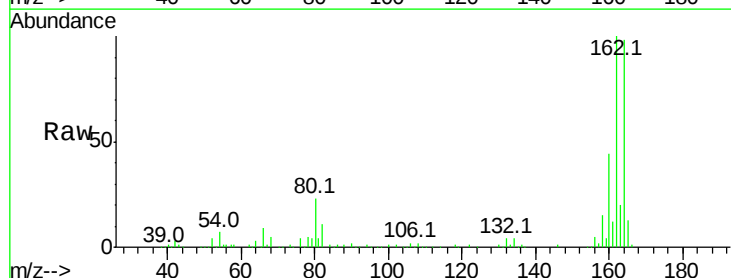
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.991 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF101751.D
 Acq: 27 Dec 2017 9:09

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

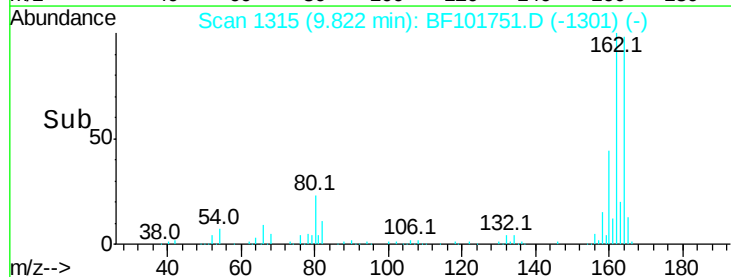
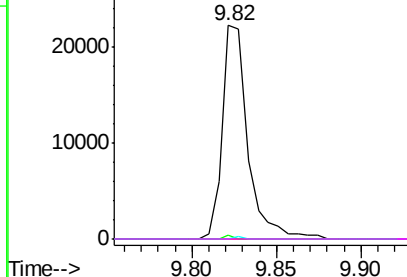


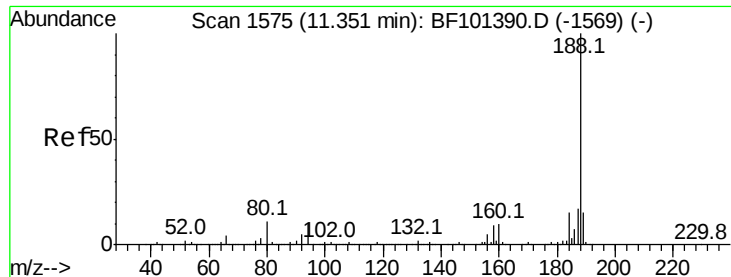
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1569

Delta R.T. 0.00 min

Lab File: BF101751.D

Acq: 27 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

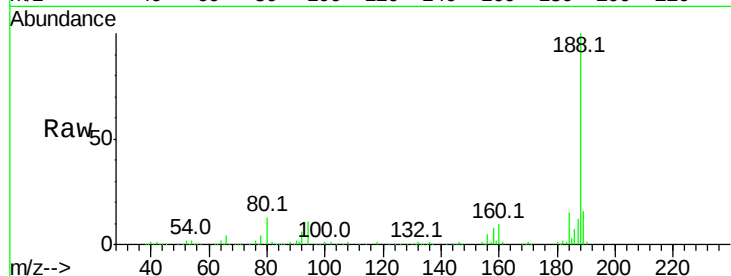
Tot Ion:188 Resp: 304205

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

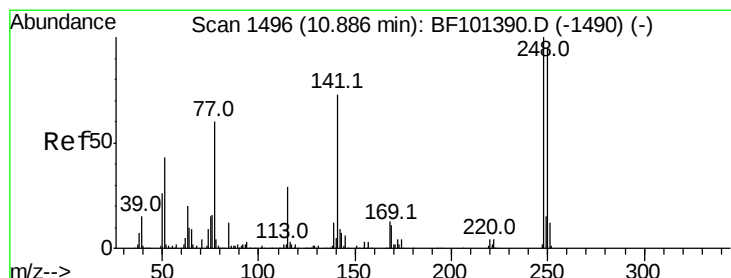
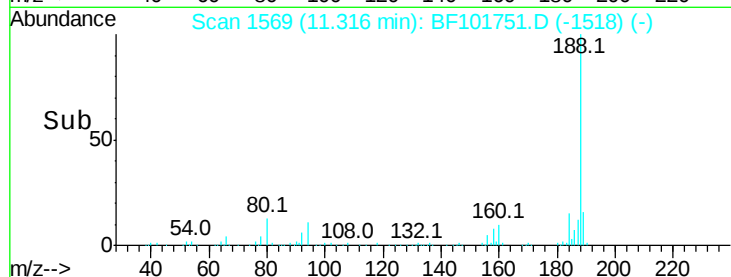
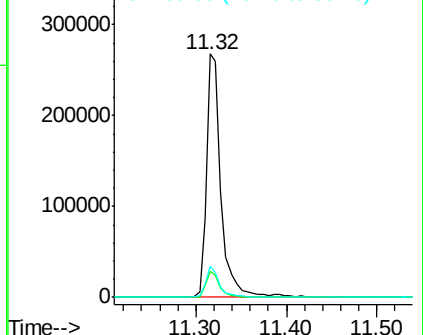
80 12.6 9.2 13.8



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: 2.941 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.23 min

Lab File: BF101751.D

Acq: 27 Dec 2017 9:09

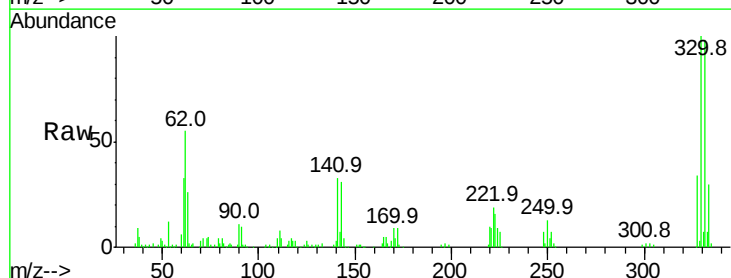
Tgt Ion:248 Resp: 10054

Ion Ratio Lower Upper

248 100

250 191.2 76.9 115.3#

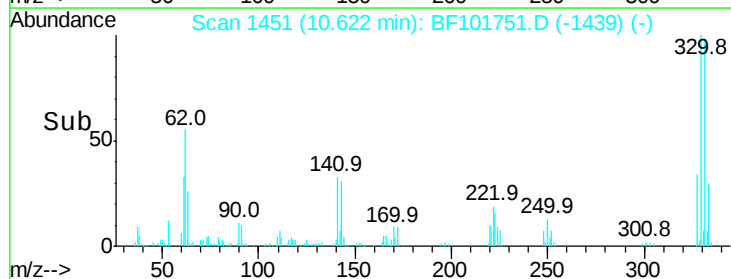
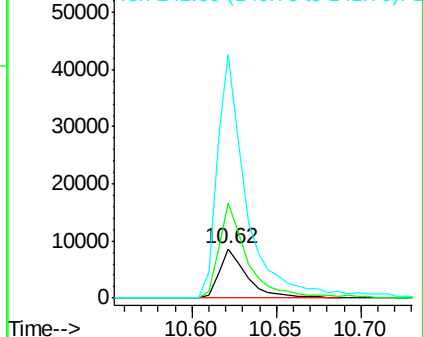
141 491.1 74.4 111.6#

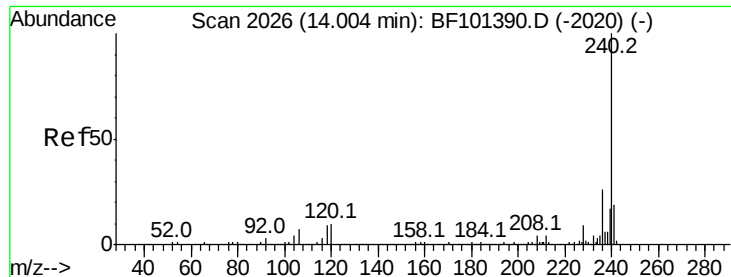


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2020

Delta R.T. 0.00 min

Lab File: BF101751.D

Acq: 27 Dec 2017 9:09

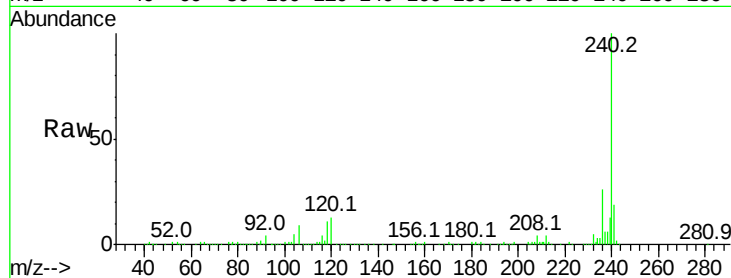
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 317839

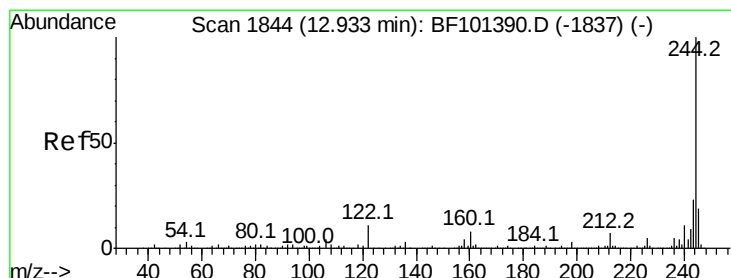
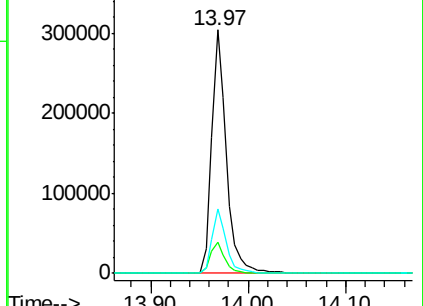
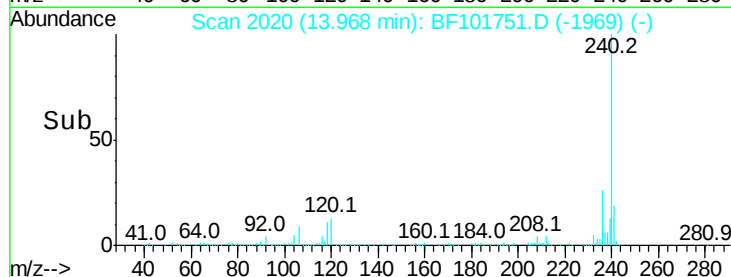
Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.3	20.7	31.1



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



#78

Terphenyl-d14

Concen: 75.950 ng

RT: 12.90 min Scan# 1838

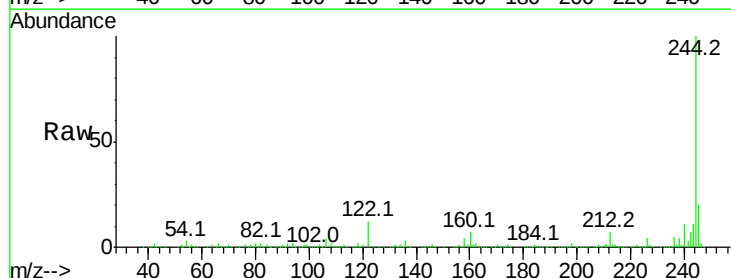
Delta R.T. 0.00 min

Lab File: BF101751.D

Acq: 27 Dec 2017 9:09

Tgt Ion:244 Resp: 1001335

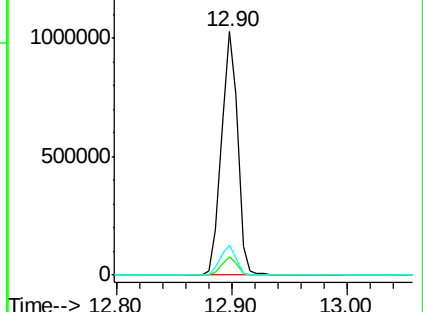
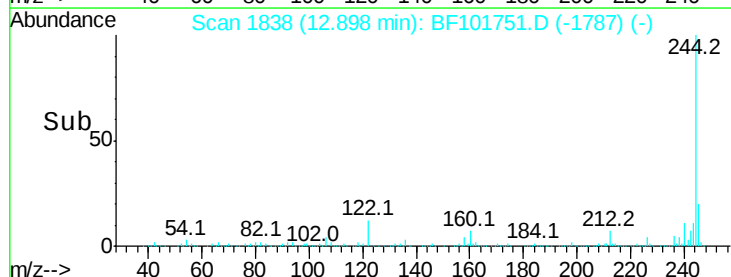
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.0	11.0	16.4

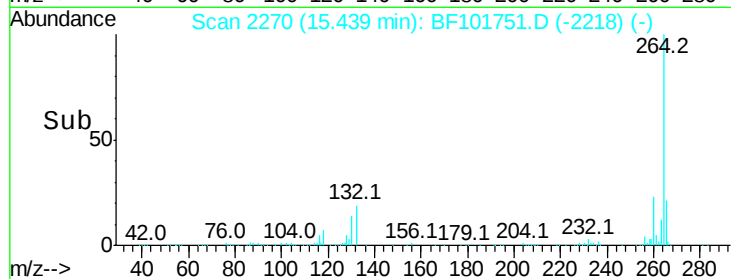
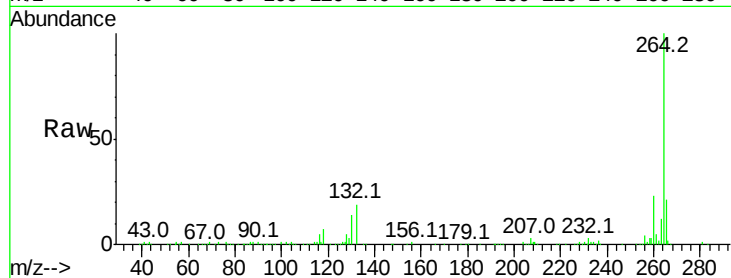
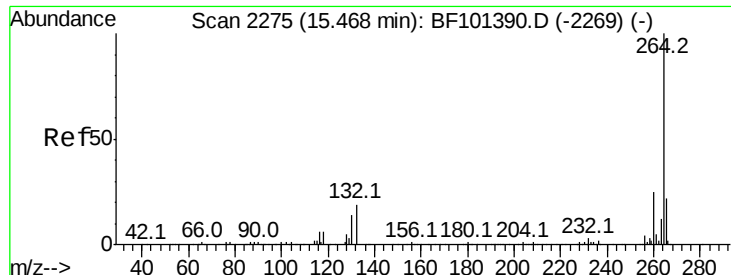


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF101751.D
 Acq: 27 Dec 2017 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.0	17.5	26.3

