

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101788.D
 Acq On : 28 Dec 2017 4:04
 Operator : SJ/JU
 Sample : I7069-06 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 06:29:17 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

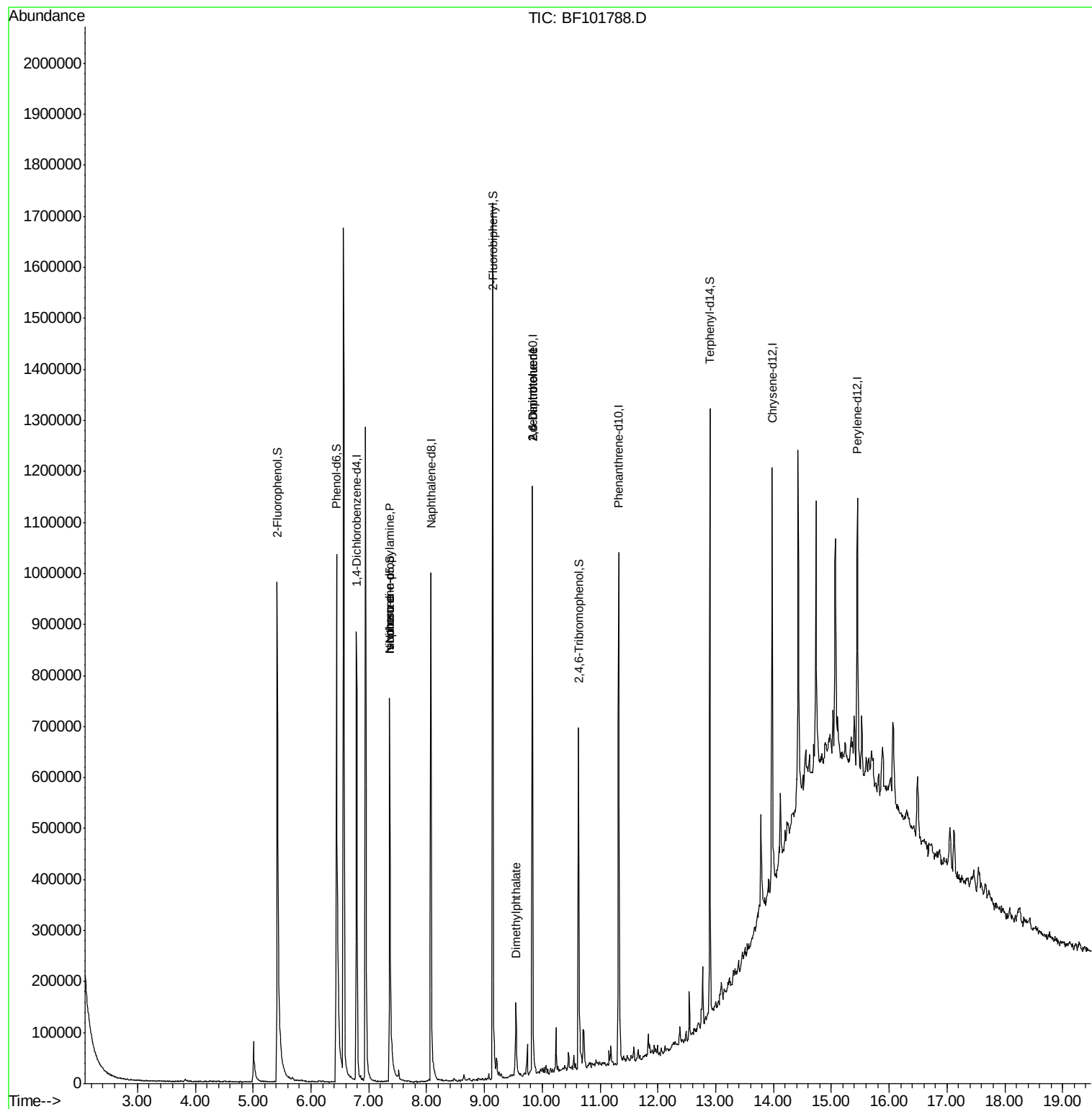
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150716	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	585568	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	232044	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	363068	20.00	ng	0.00
75) Chrysene-d12	13.97	240	301602	20.00	ng	0.00
86) Perylene-d12	15.45	264	237752	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	522529	51.64	ng	0.01
7) Phenol-d6	6.44	99	648372	51.49	ng	0.00
23) Nitrobenzene-d5	7.36	82	377432	35.88	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	102958	46.05	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	611638	40.89	ng	0.00
78) Terphenyl-d14	12.90	244	397483	31.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	48233	5.833	ng	# 78
25) Isophorone	7.36	82	377430	17.886	ng	# 64
49) Dimethylphthalate	9.55	163	70359	3.770	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	30563	8.057	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	30563	7.151	ng	# 23

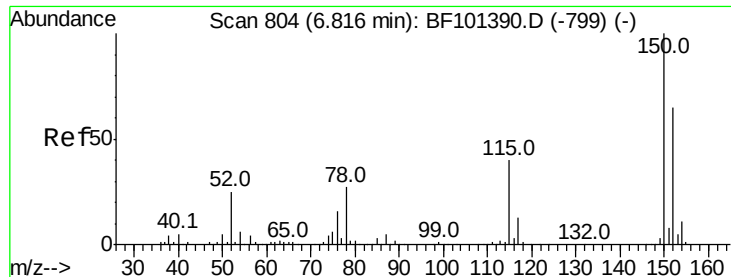
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF101788.D

Acq: 28 Dec 2017 4:04

Instrument :

BNA_F

ClientSampleId :

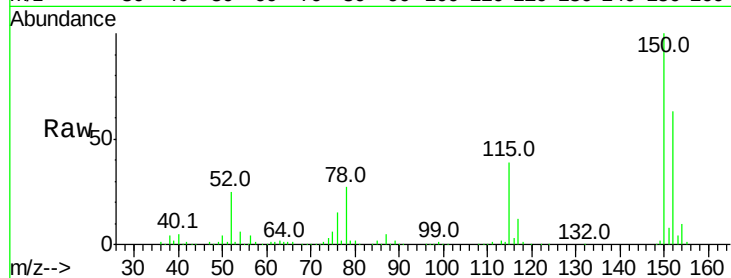
Tot Ion:152 Resp: 150716

Ion Ratio Lower Upper

152 100

150 158.3 124.6 186.8

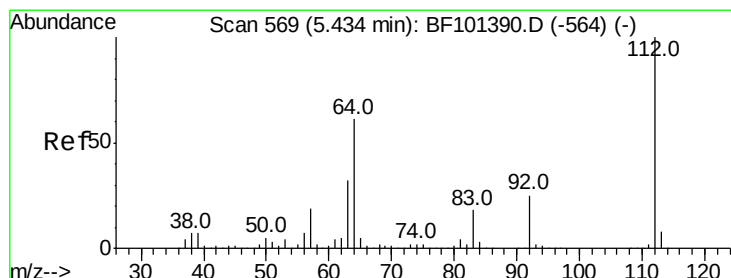
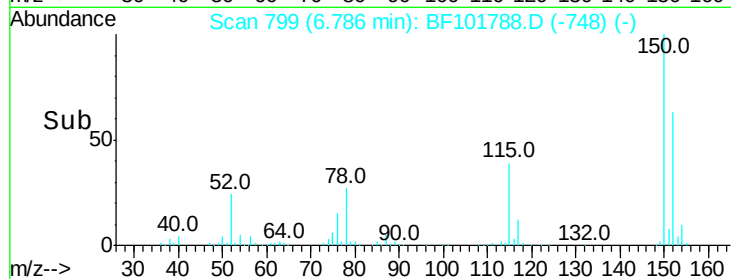
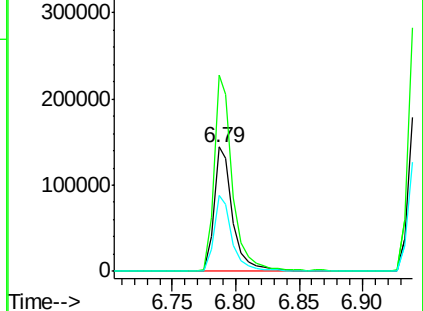
115 61.1 50.1 75.1



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: 51.643 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF101788.D

Acq: 28 Dec 2017 4:04

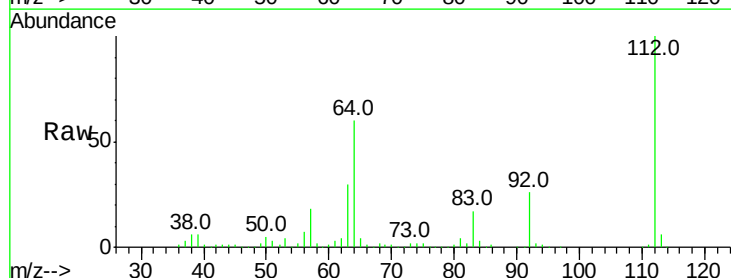
Tgt Ion:112 Resp: 522529

Ion Ratio Lower Upper

112 100

64 59.8 47.9 71.9

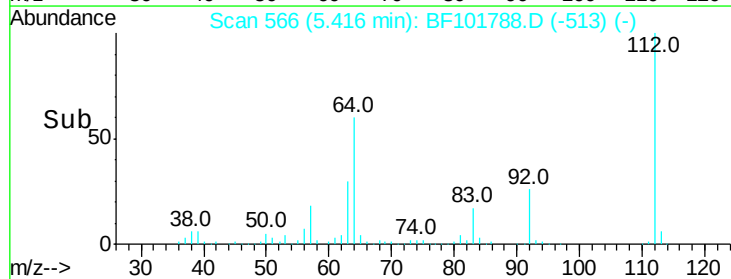
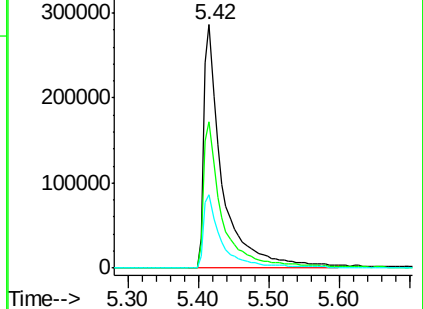
63 30.1 23.7 35.5

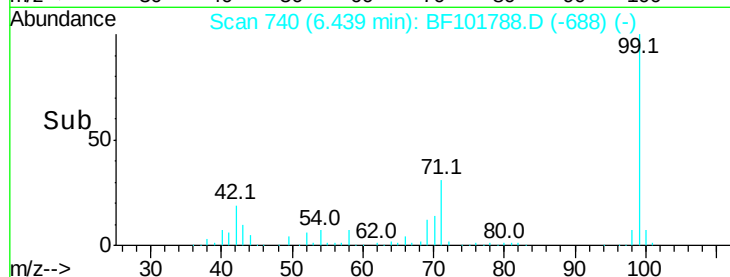
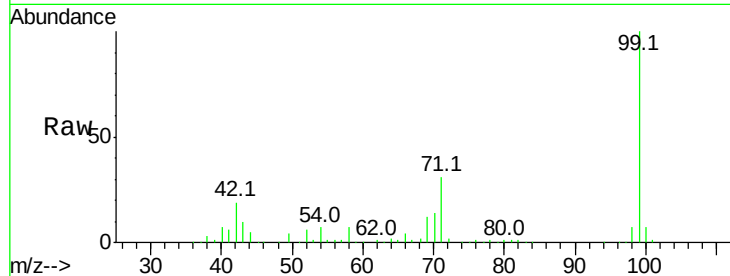
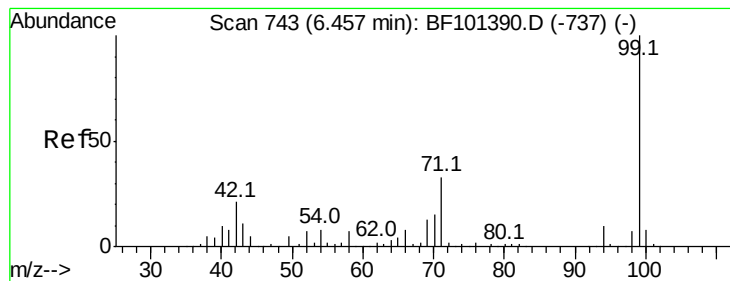


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 51.490 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101788.D

Acq: 28 Dec 2017 4:04

Instrument :

BNA_F

ClientSampled :

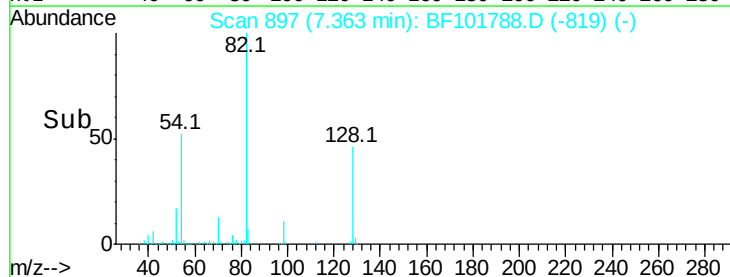
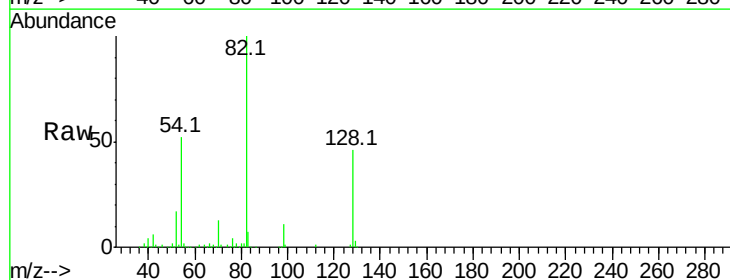
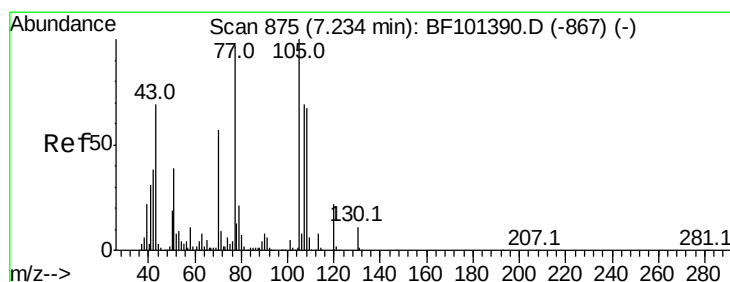
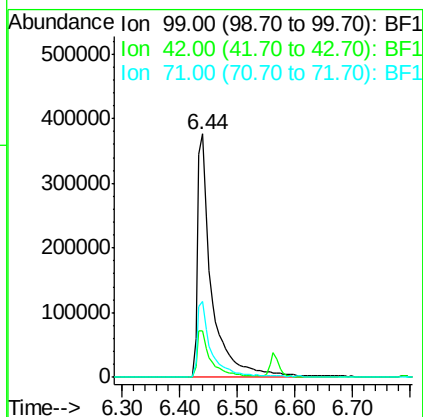
Tot Ion: 99 Resp: 648372

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 31.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.833 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101788.D

Acq: 28 Dec 2017 4:04

Tgt Ion: 70 Resp: 48233

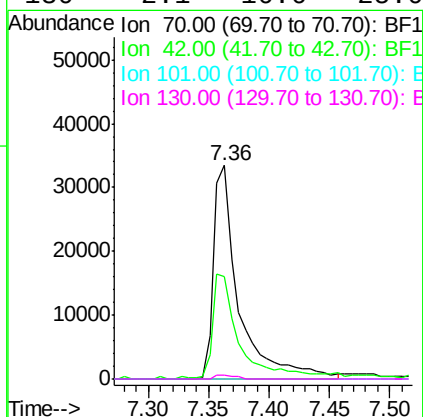
Ion Ratio Lower Upper

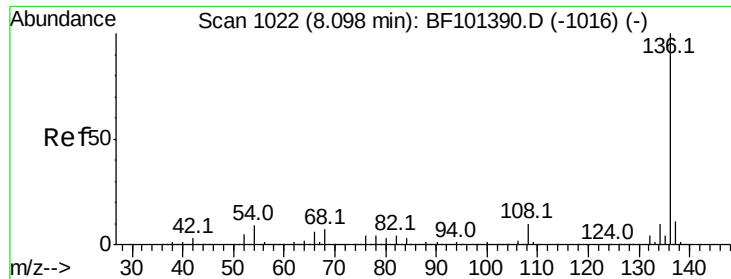
70 100

42 48.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

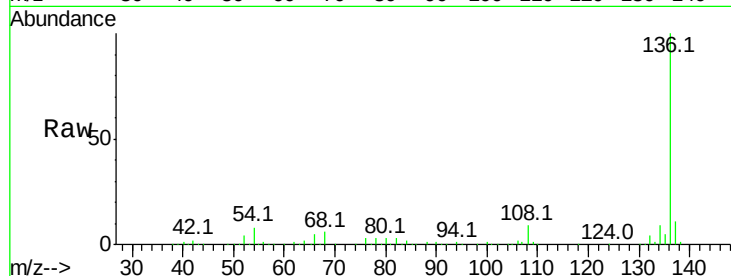




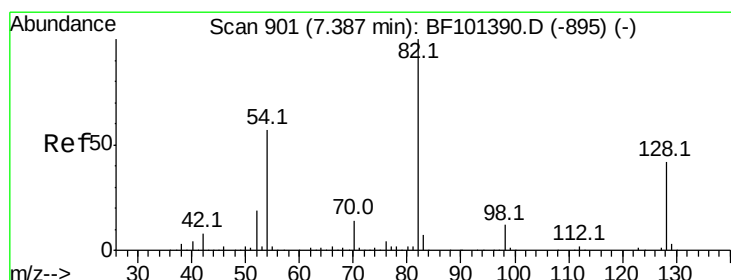
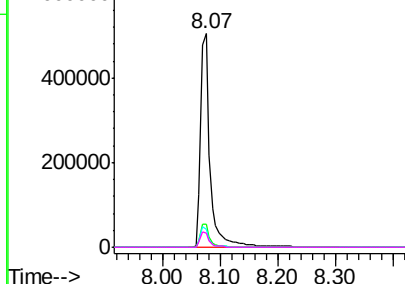
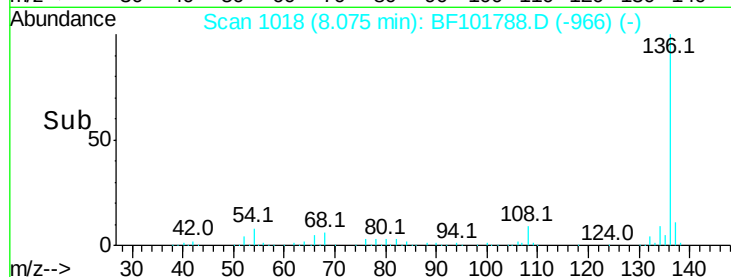
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF101788.D
Acq: 28 Dec 2017 4:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	585568
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.2	6.6	9.8
68	6.5	5.0	7.4

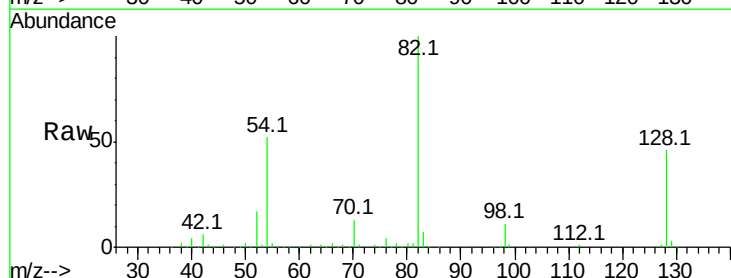


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

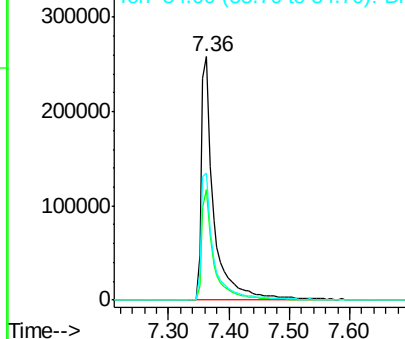
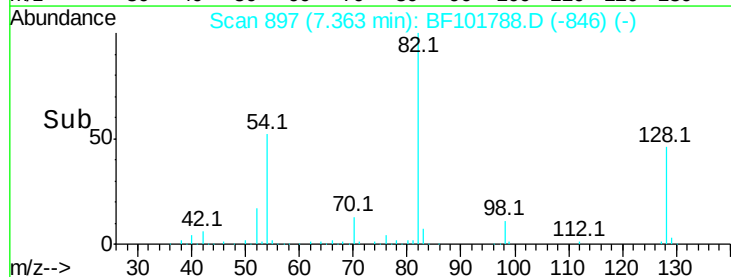


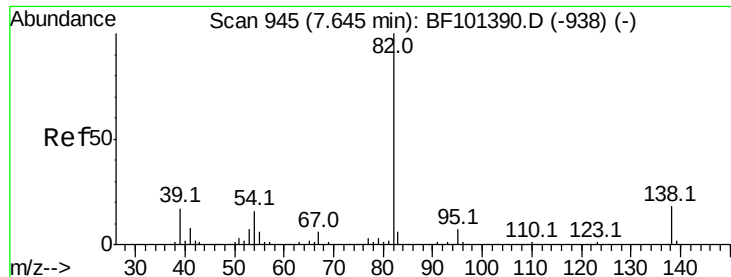
#23
Nitrobenzene-d5
Concen: 35.880 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101788.D
Acq: 28 Dec 2017 4:04

Tgt Ion:	82	Resp:	377432
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	52.1	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: 17.886 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101788.D

Acq: 28 Dec 2017 4:04

Instrument :

BNA_F

ClientSampleId :

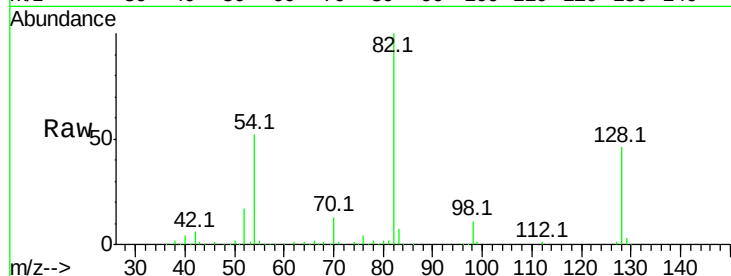
Tot Ion: 82 Resp: 377430

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

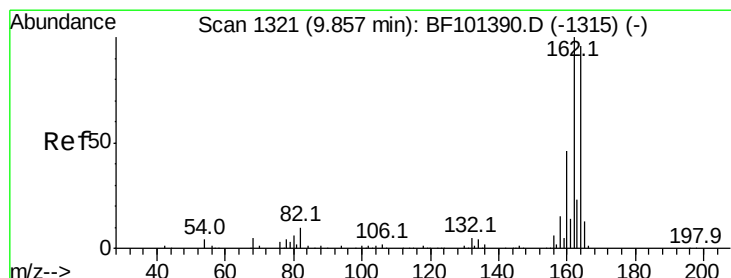
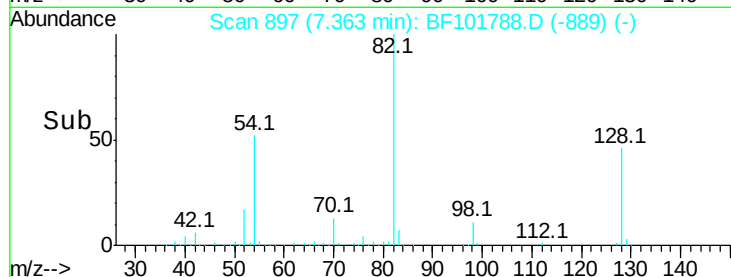
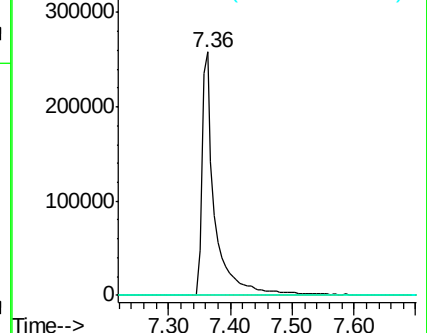
138 0.0 14.9 22.3#



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: BF101788.D

Acq: 28 Dec 2017 4:04

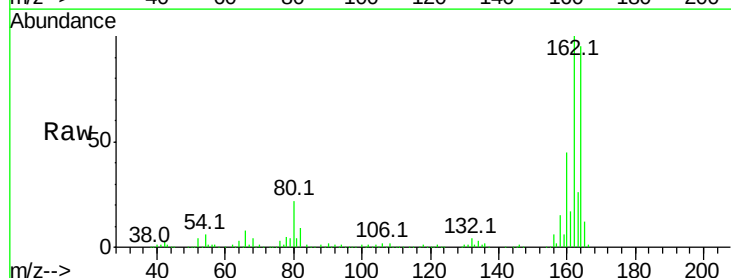
Tgt Ion:164 Resp: 232044

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

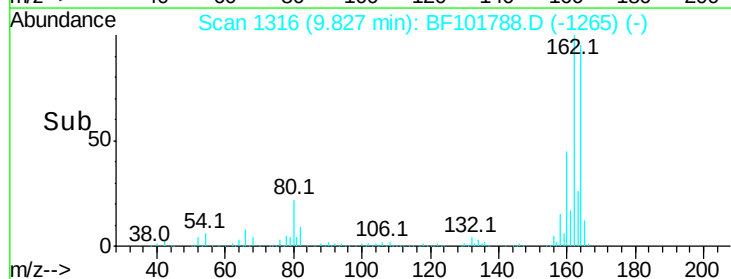
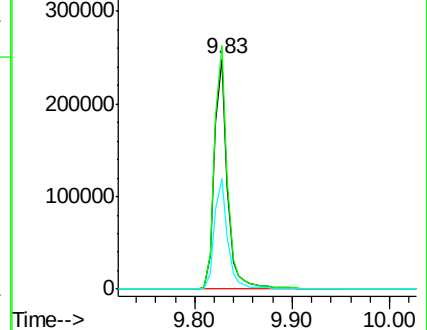
160 48.1 38.3 57.5

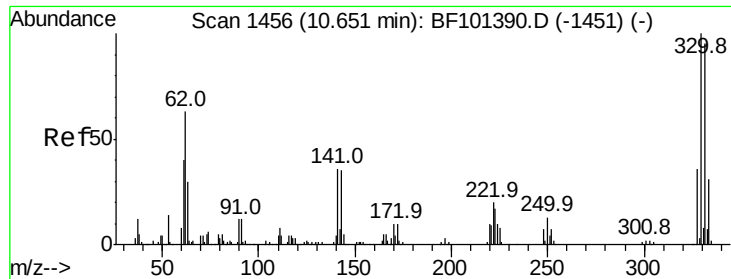


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

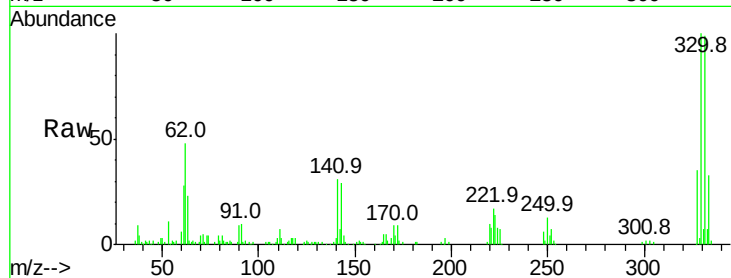




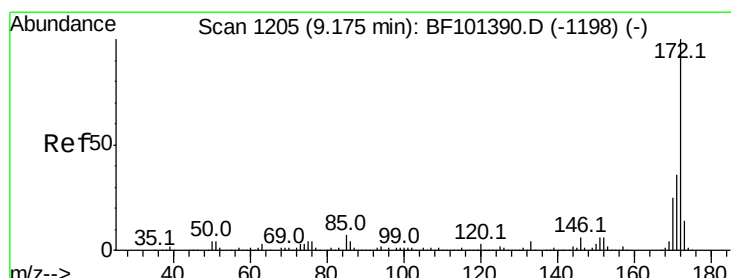
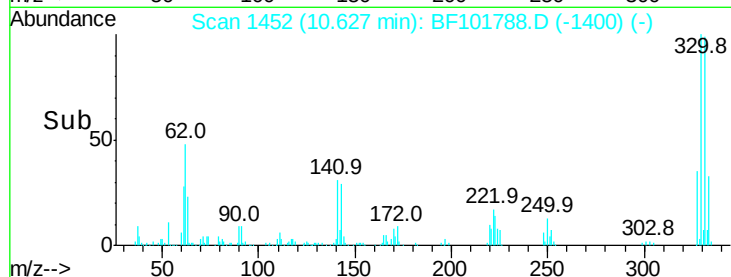
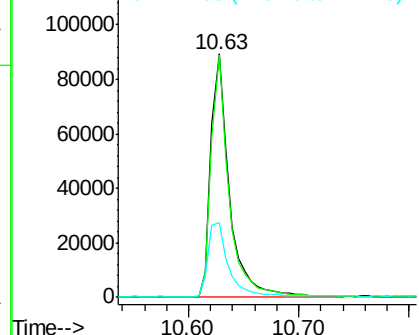
#41
 2,4,6-Tribromophenol
 Concen: 46.047 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101788.D
 Acq: 28 Dec 2017 4:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	34.6	29.9	44.9

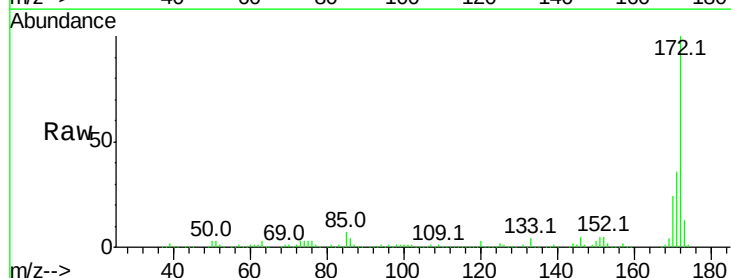


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

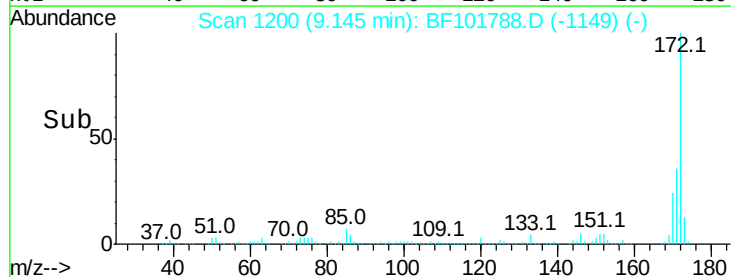
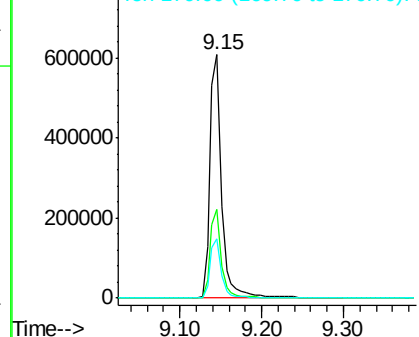


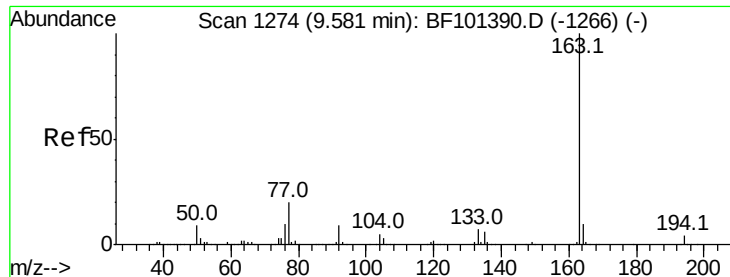
#44
 2-Fluorobiphenyl
 Concen: 40.889 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101788.D
 Acq: 28 Dec 2017 4:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	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





#49

Dimethylphthalate

Concen: 3.770 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF101788.D

Acq: 28 Dec 2017 4:04

Instrument :

BNA_F

ClientSampleId :

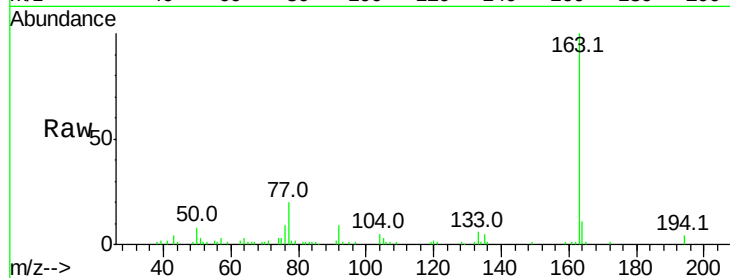
Tot Ion:163 Resp: 70359

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

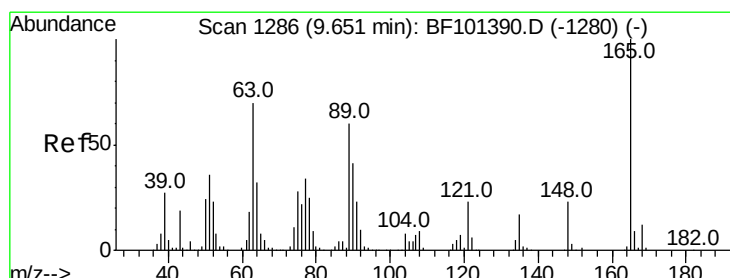
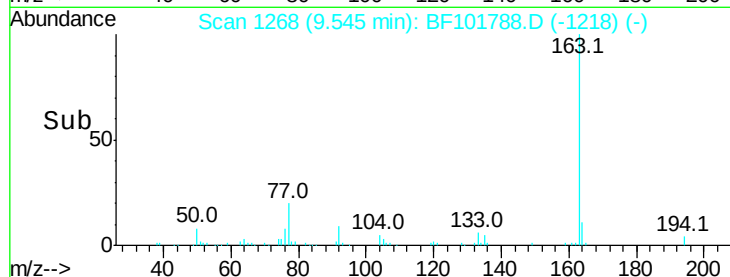
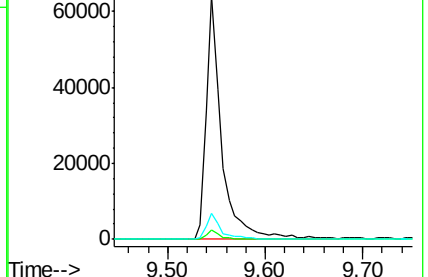
164 10.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.057 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.20 min

Lab File: BF101788.D

Acq: 28 Dec 2017 4:04

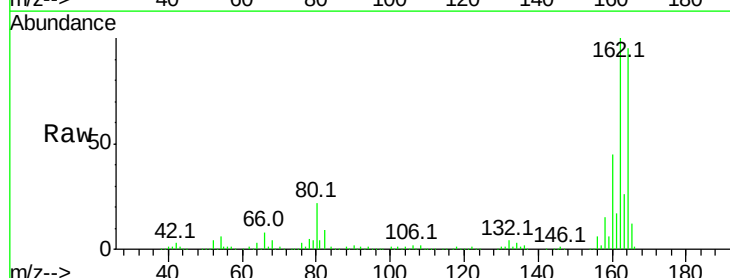
Tgt Ion:165 Resp: 30563

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

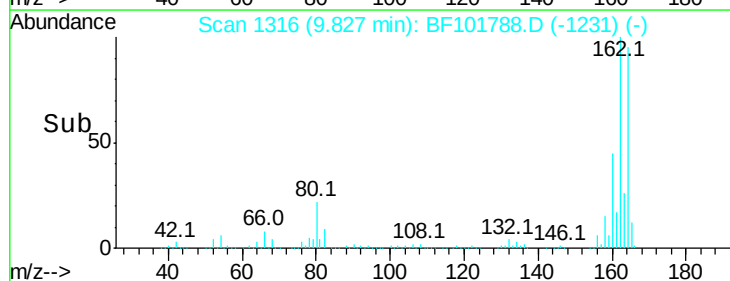
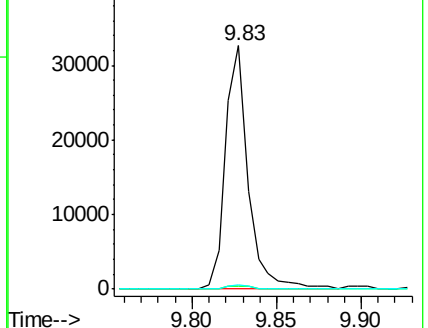
89 1.7 44.0 66.0#

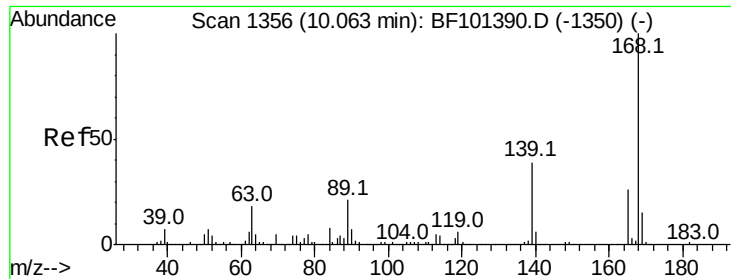


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

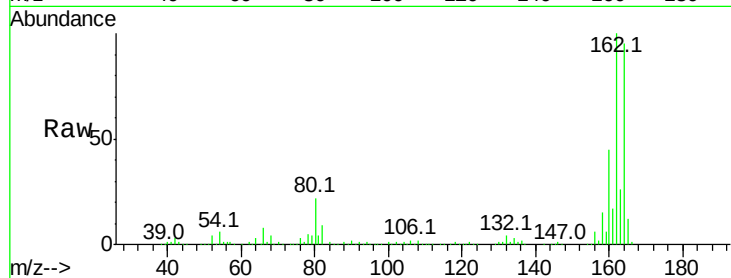




#56
 2,4-Dinitrotoluene
 Concen: 7.151 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF101788.D
 Acq: 28 Dec 2017 4:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	30563
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

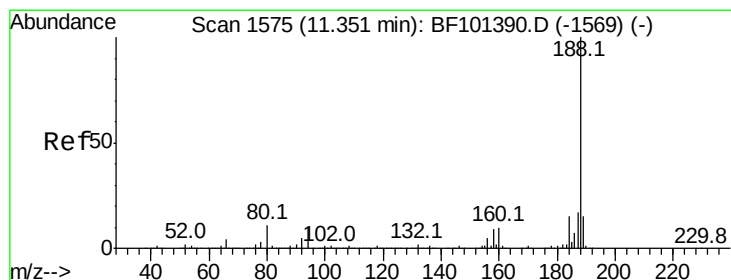
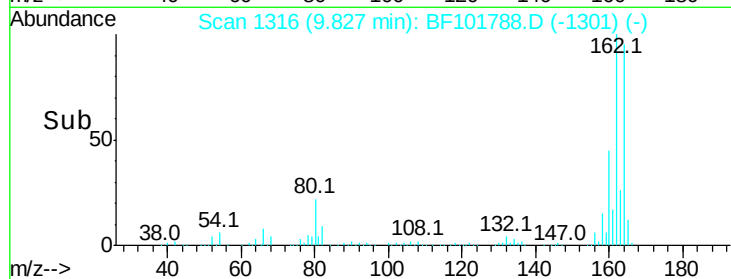
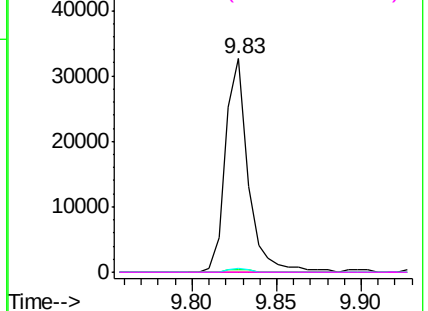


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

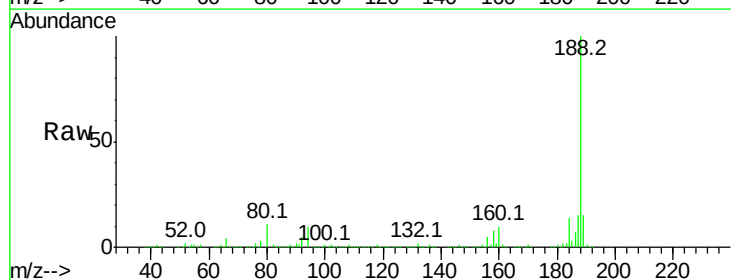
Ion 89.00 (88.70 to 89.70): BF1

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: BF101788.D
 Acq: 28 Dec 2017 4:04

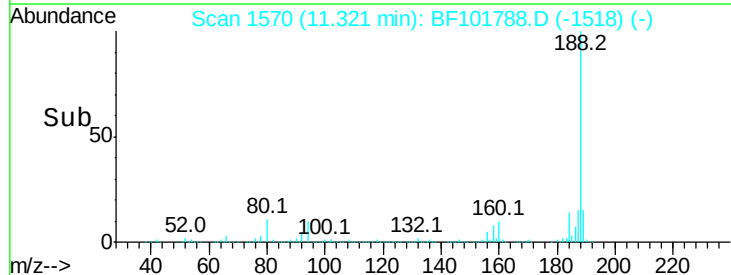
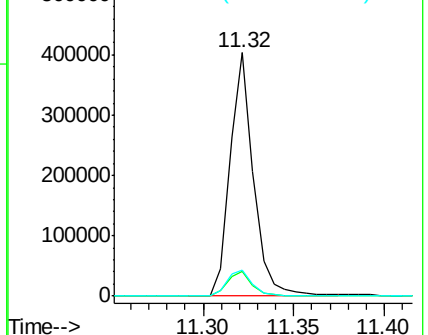
Tgt Ion:	188	Resp:	363068
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.8	9.2	13.8

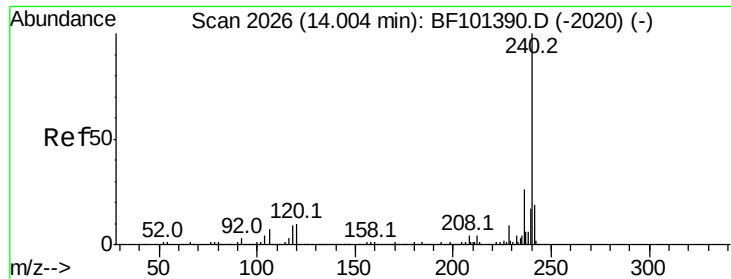


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

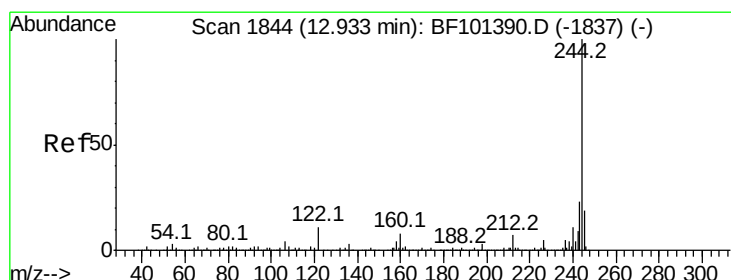
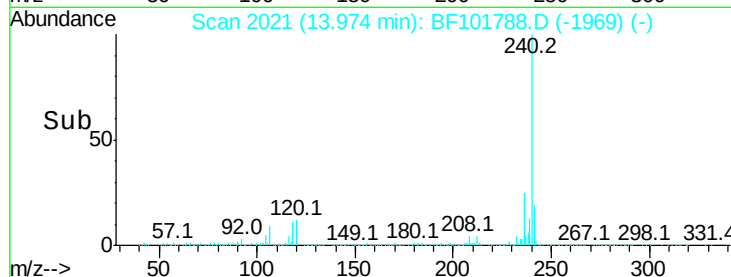
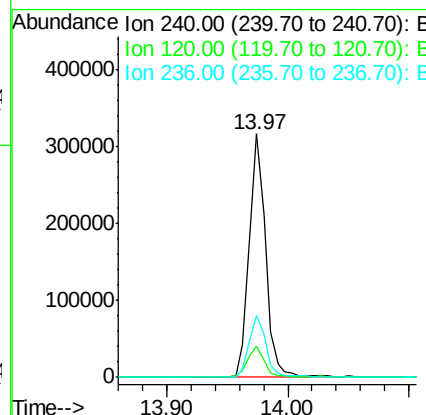
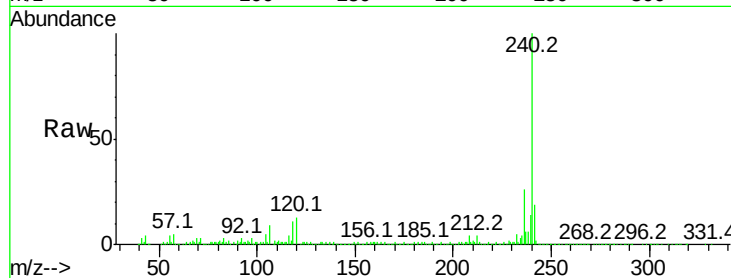




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101788.D
 Acq: 28 Dec 2017 4:04

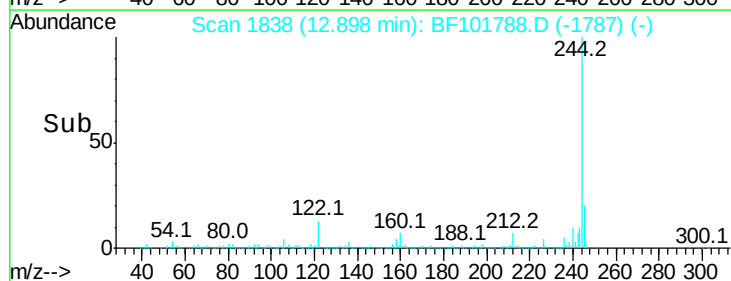
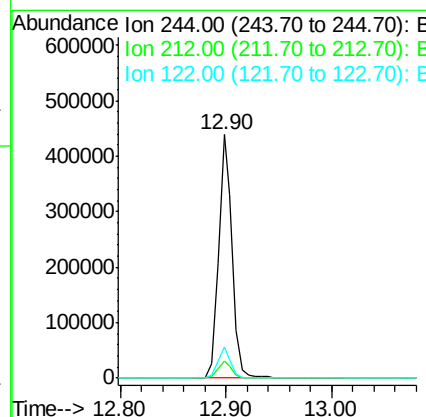
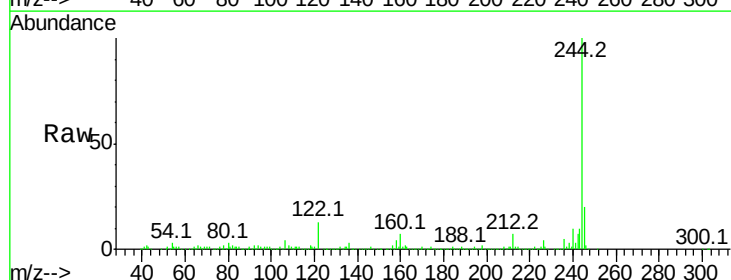
Instrument :
 BNA_F
 ClientSampleId :

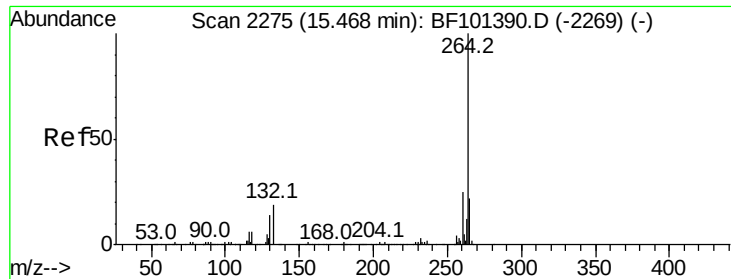
Tot Ion:240 Resp: 301602
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 25.6 20.7 31.1



#78
 Terphenyl-d14
 Concen: 31.772 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF101788.D
 Acq: 28 Dec 2017 4:04

Tgt Ion:244 Resp: 397483
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.6 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.02 min
 Lab File: BF101788.D
 Acq: 28 Dec 2017 4:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.7	17.5	26.3

