

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101246.D
 Acq On : 8 Dec 2017 19:58
 Operator : SJ/JU
 Sample : I6686-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 08 21:43:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

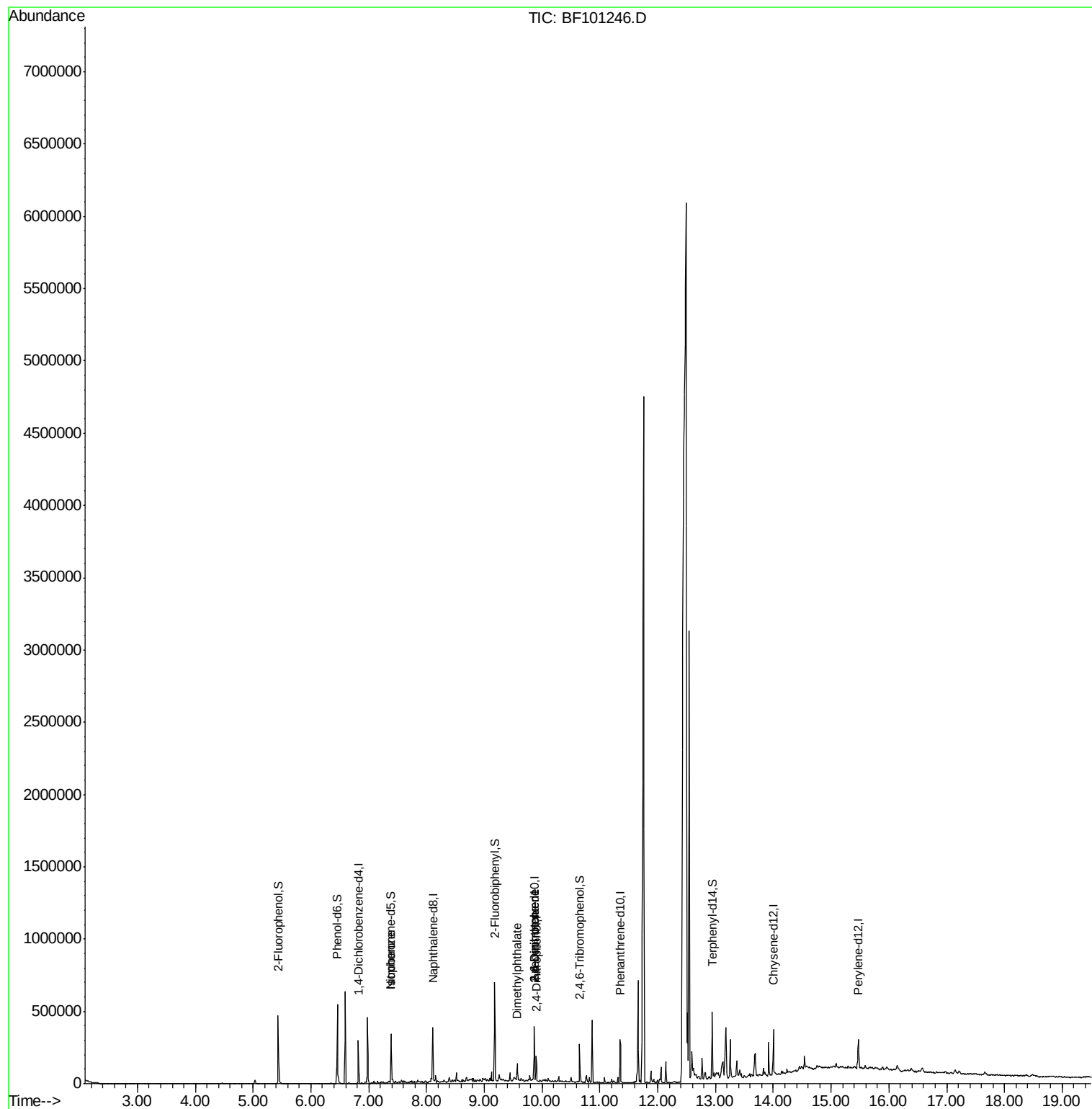
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	46175	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	170668	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	67521	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	110904	20.00	ng	0.00
75) Chrysene-d12	14.00	240	105830	20.00	ng	0.00
86) Perylene-d12	15.47	264	85762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	142943	51.15	ng	0.00
7) Phenol-d6	6.46	99	171848	50.65	ng	0.00
23) Nitrobenzene-d5	7.39	82	97756	34.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	32046	39.51	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	176415	35.75	ng	0.00
78) Terphenyl-d14	12.94	244	137687	28.46	ng	0.00
Target Compounds						
25) Isophorone	7.39	82	97754	20.003	ng	# 65
49) Dimethylphthalate	9.57	163	14306	2.627	ng	# 97
50) 2,6-Dinitrotoluene	9.86	165	9175	8.000	ng	# 24
53) 2,4-Dinitrophenol	9.90	184	140	5.050	ng	# 1
56) 2,4-Dinitrotoluene	9.86	165	9175	5.969	ng	# 21

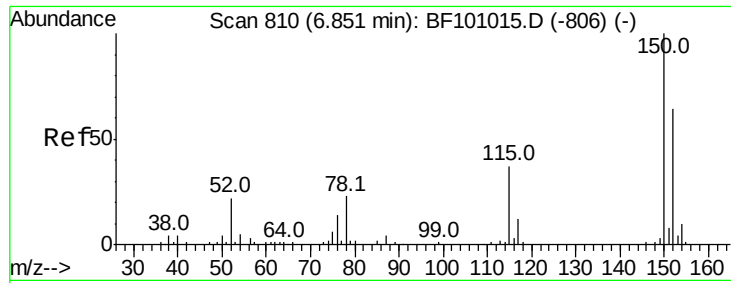
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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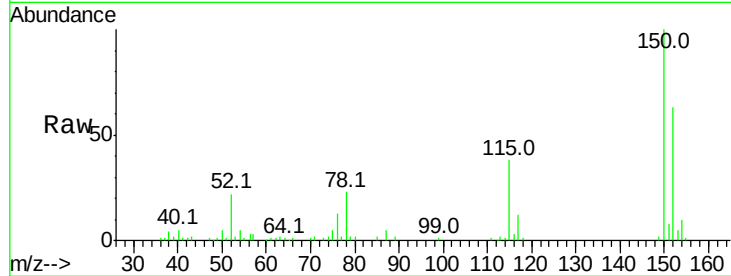


#1

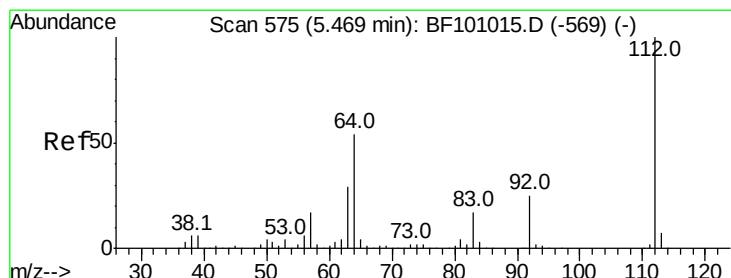
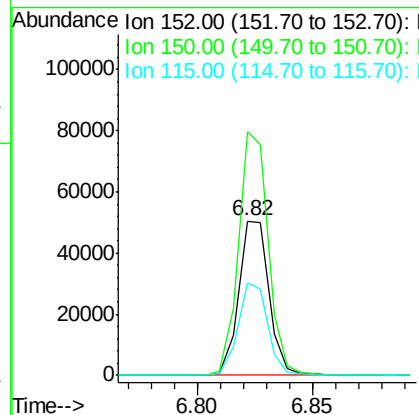
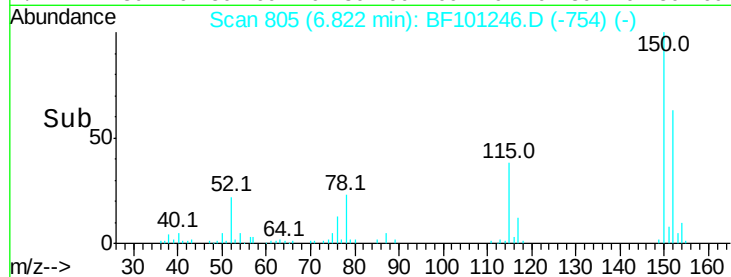
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101246.D
Acq: 8 Dec 2017 19:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 46175
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 60.2 50.1 75.1



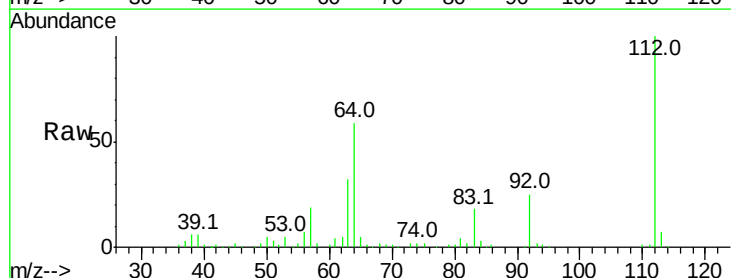
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



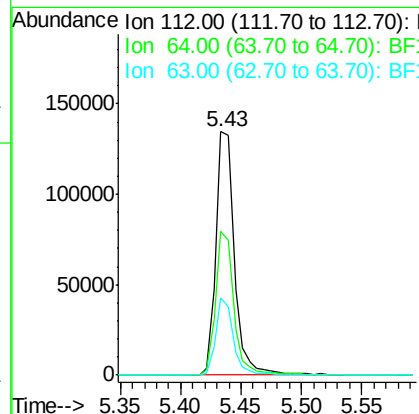
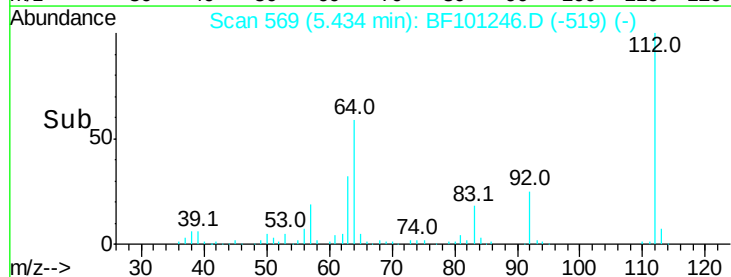
#5

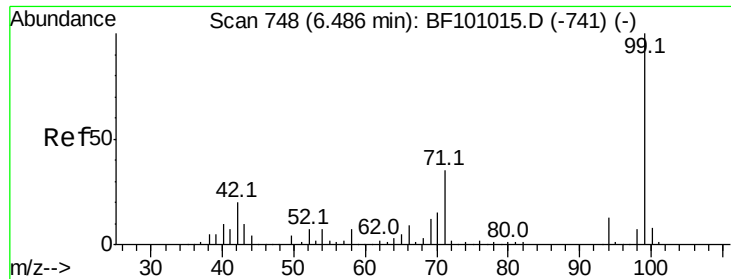
2-Fluorophenol
Concen: 51.154 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101246.D
Acq: 8 Dec 2017 19:58

Tgt Ion:112 Resp: 142943
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 31.7 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: 50.654 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF101246.D

Acq: 8 Dec 2017 19:58

Instrument :

BNA_F

ClientSampled :

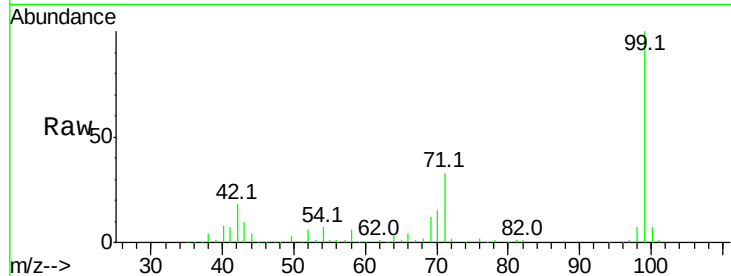
Tot Ion: 99 Resp: 171848

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

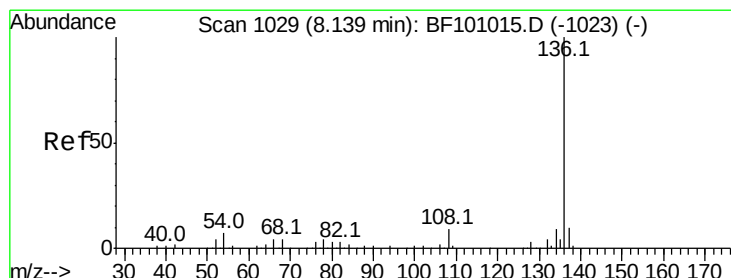
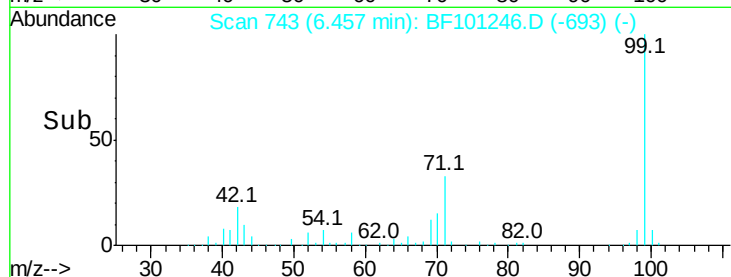
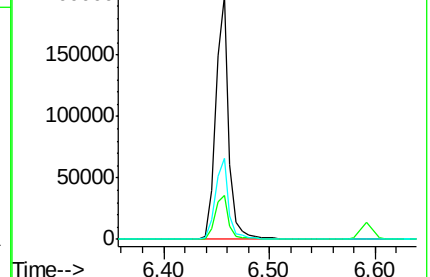
71 33.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF101246.D

Acq: 8 Dec 2017 19:58

Tgt Ion: 136 Resp: 170668

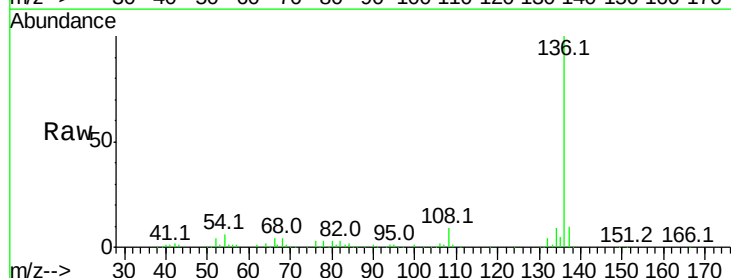
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 6.3 6.6 9.8#

68 4.1 5.0 7.4#

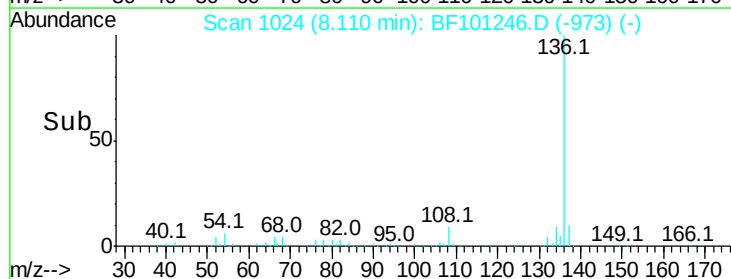
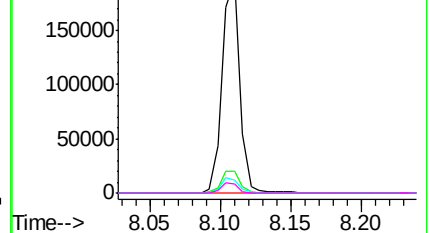


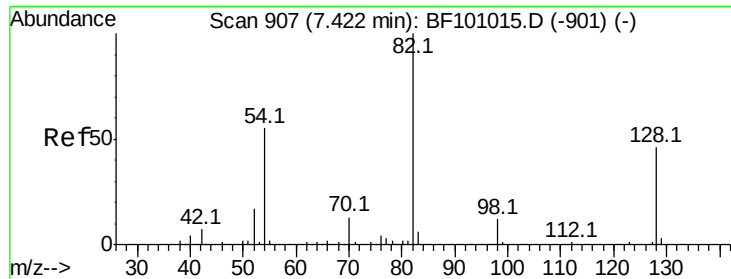
Abundance Ion 136.00 (135.70 to 136.70): E

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

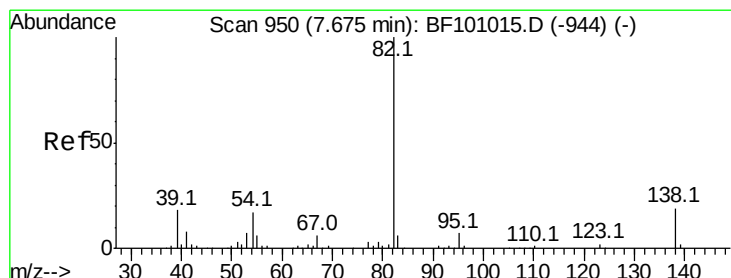
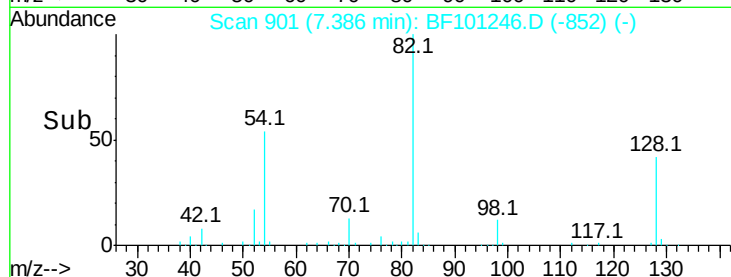
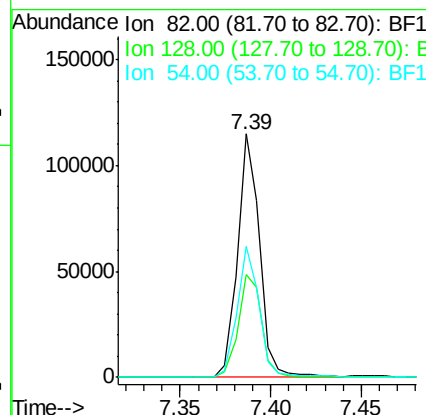
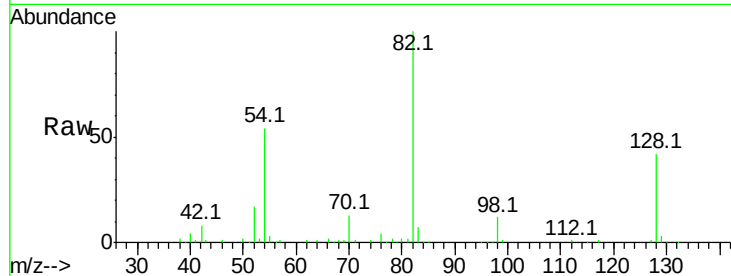




#23
 Nitrobenzene-d5
 Concen: 34.168 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF101246.D
 Acq: 8 Dec 2017 19:58

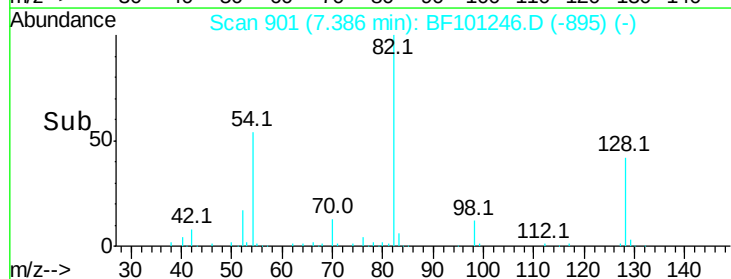
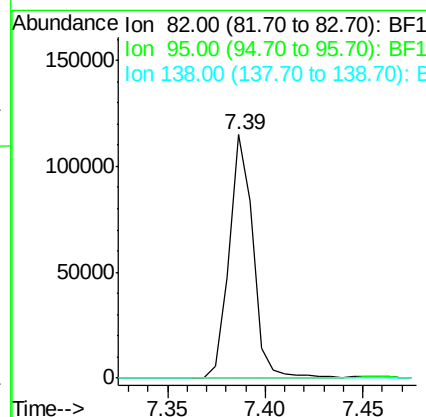
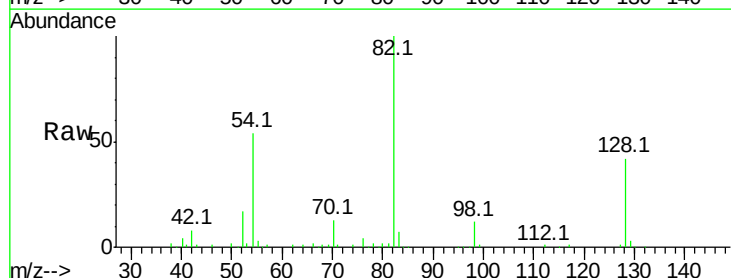
Instrument :
 BNA_F
 ClientSampleId :

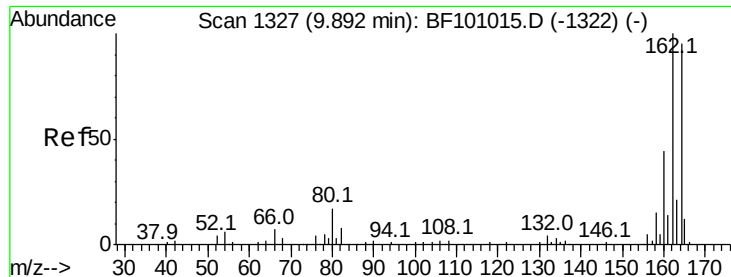
Tot Ion	82	Resp	97756
Ion Ratio	Lower	Upper	
82	100		
128	42.5	36.1	54.1
54	54.0	41.4	62.2



#25
 Isophorone
 Concen: 20.003 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.26 min
 Lab File: BF101246.D
 Acq: 8 Dec 2017 19:58

Tgt Ion	82	Resp	97754
Ion Ratio	Lower	Upper	
82	100		
95	0.4	5.2	7.8#
138	0.0	14.9	22.3#

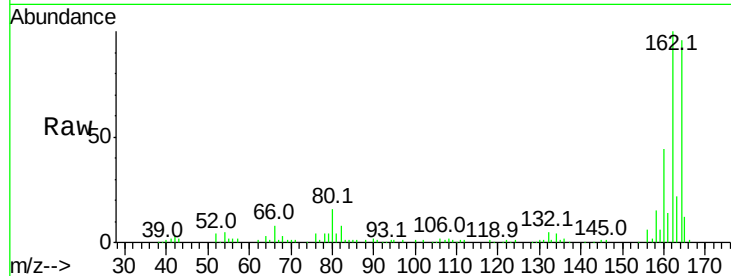




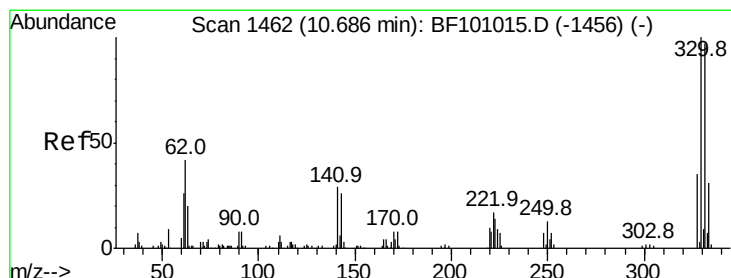
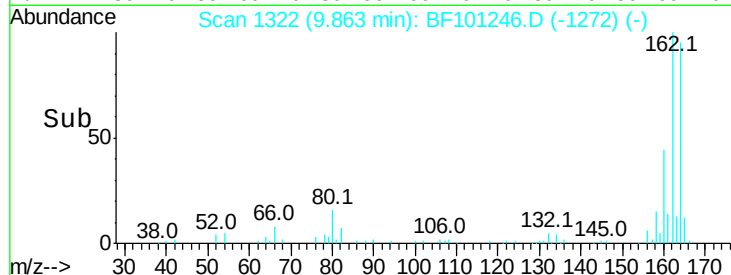
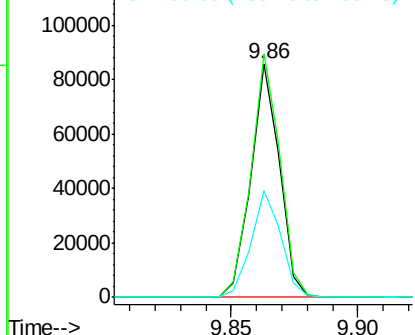
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF101246.D
 Acq: 8 Dec 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 67521
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 45.5 38.3 57.5

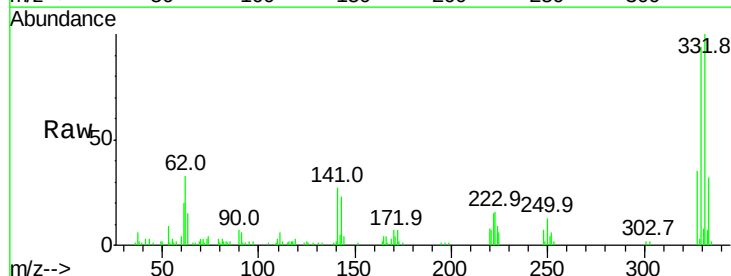


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

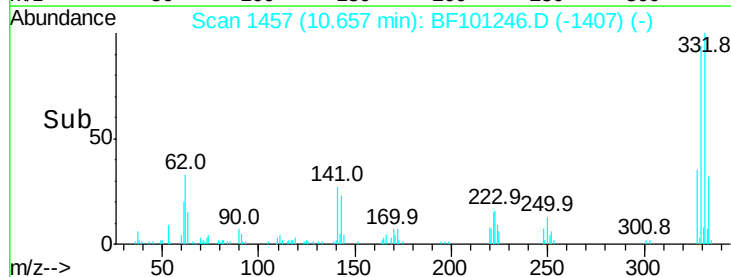
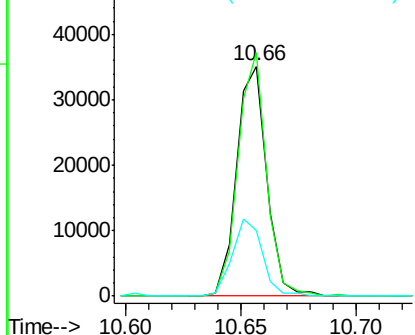


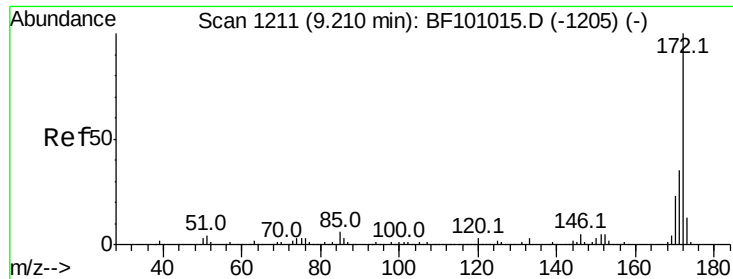
#41
 2,4,6-Tribromophenol
 Concen: 39.508 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101246.D
 Acq: 8 Dec 2017 19:58

Tgt Ion:330 Resp: 32046
 Ion Ratio Lower Upper
 330 100
 332 99.8 77.0 115.6
 141 33.7 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

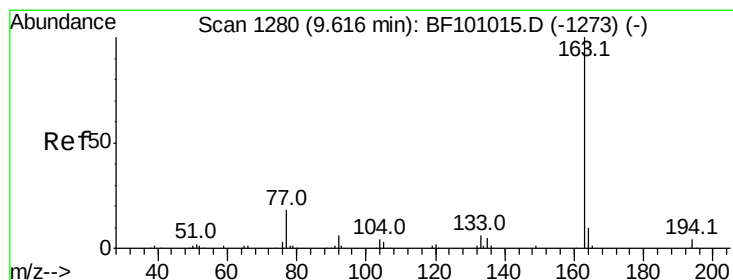
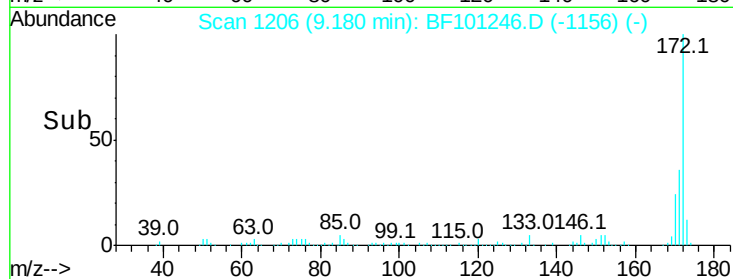
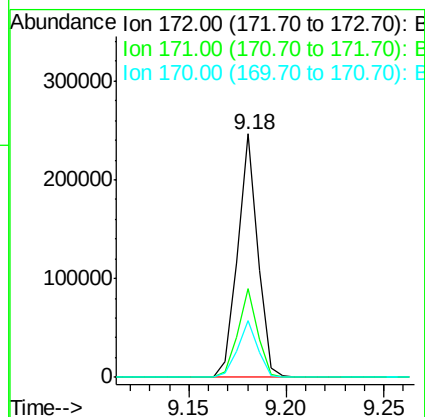
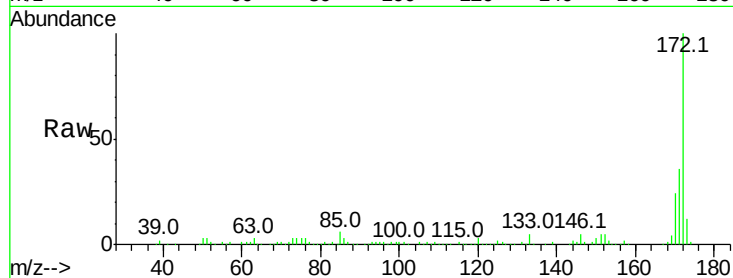




#44
2-Fluorobiphenyl
Concen: 35.748 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101246.D
Acq: 8 Dec 2017 19:58

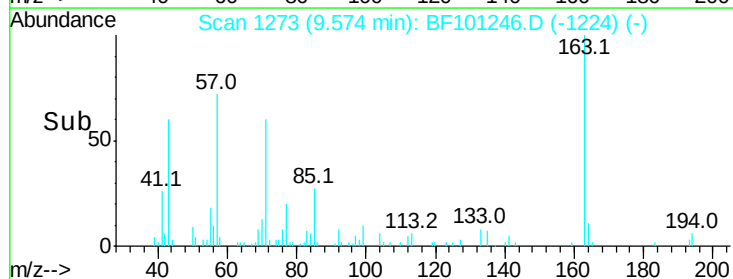
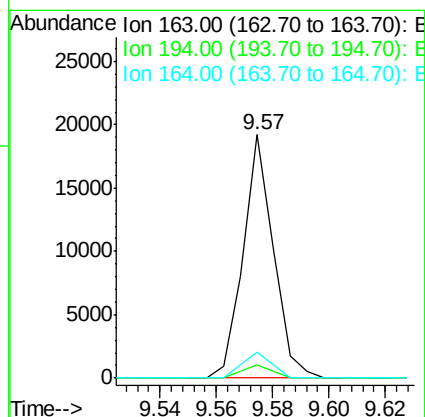
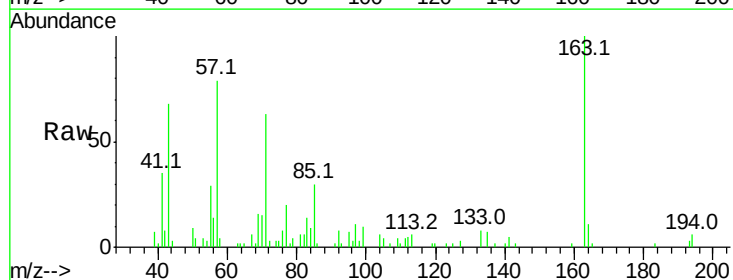
Instrument :
BNA_F
ClientSampleId :

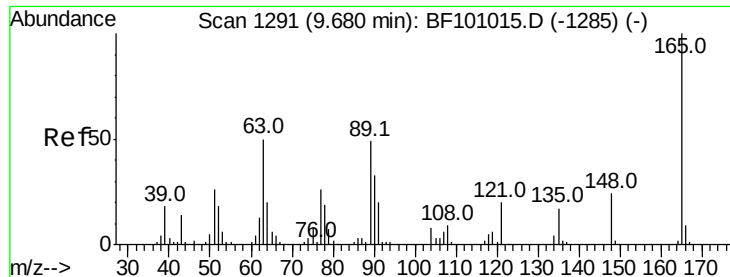
Tot Ion:172 Resp: 176415
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 2.627 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101246.D
Acq: 8 Dec 2017 19:58

Tgt Ion:163 Resp: 14306
Ion Ratio Lower Upper
163 100
194 5.6 2.7 4.1#
164 10.9 8.2 12.2





#50

2,6-Dinitrotoluene

Concen: 8.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.21 min

Lab File: BF101246.D

Acq: 8 Dec 2017 19:58

Instrument :
BNA_F
ClientSampled :

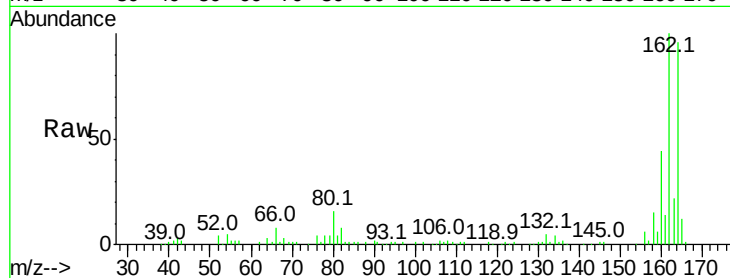
Tot Ion:165 Resp: 9175

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

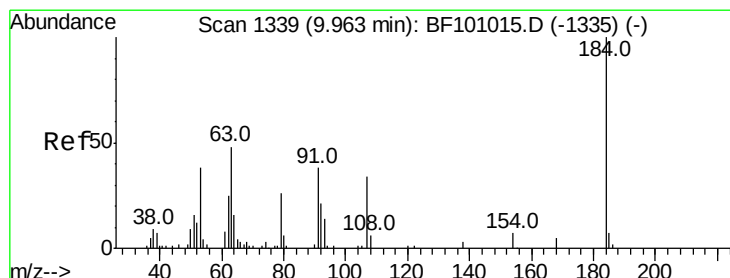
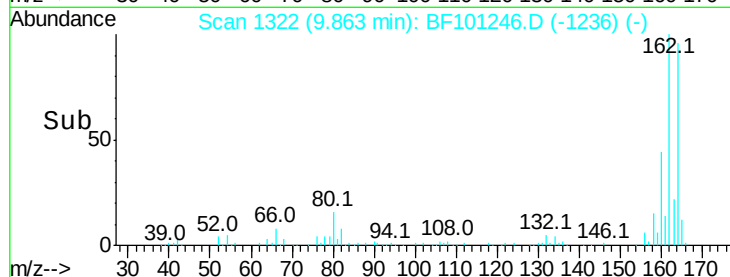
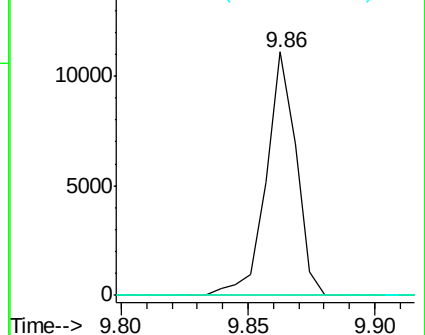
89 0.0 44.0 66.0#



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



#53

2,4-Dinitrophenol

Concen: 5.050 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.04 min

Lab File: BF101246.D

Acq: 8 Dec 2017 19:58

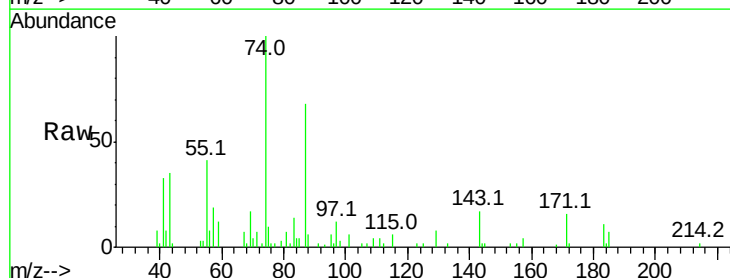
Tgt Ion:184 Resp: 140

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

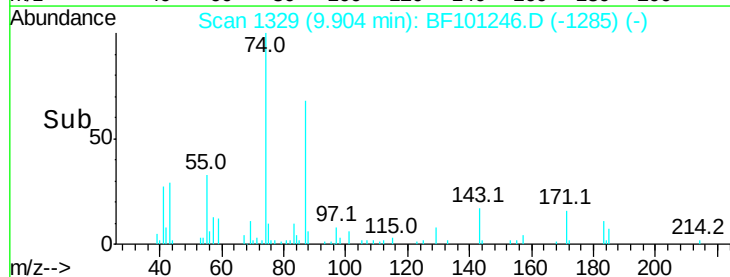
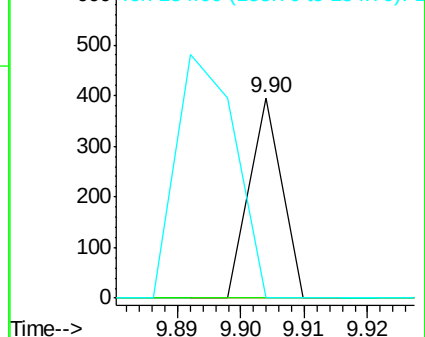
154 0.0 184.0 276.0#

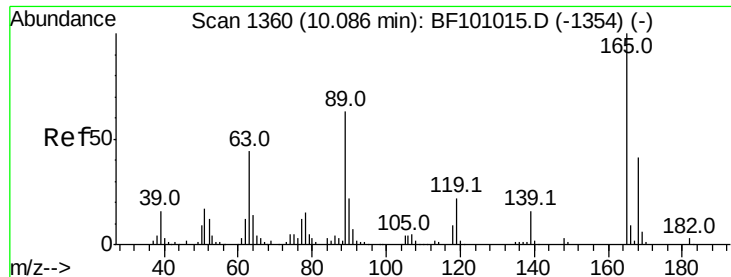


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

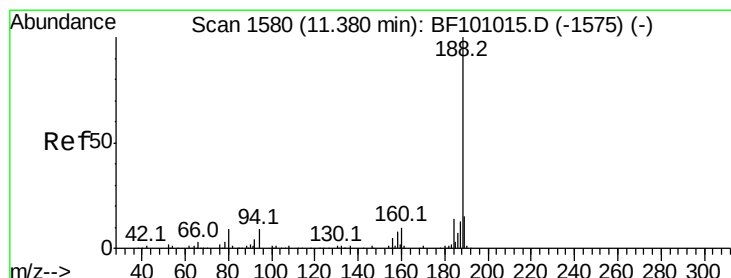
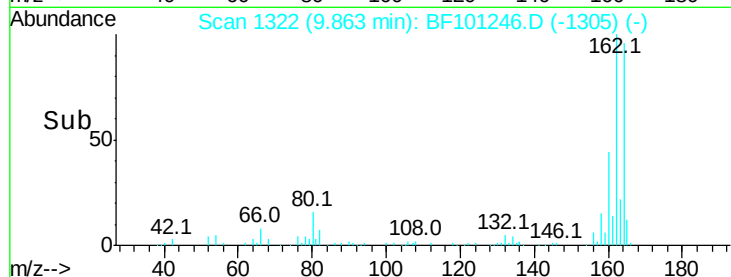
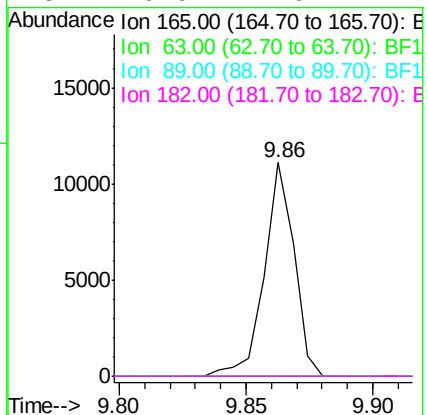
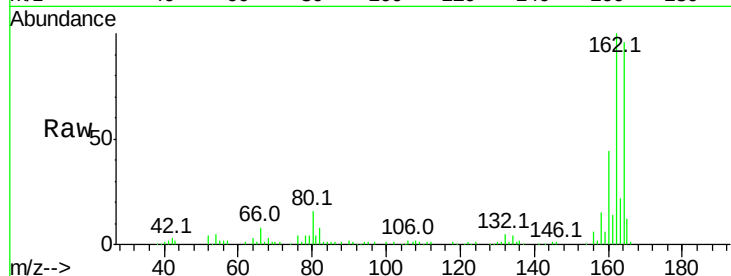




#56
2,4-Dinitrotoluene
Concen: 5.969 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101246.D
Acq: 8 Dec 2017 19:58

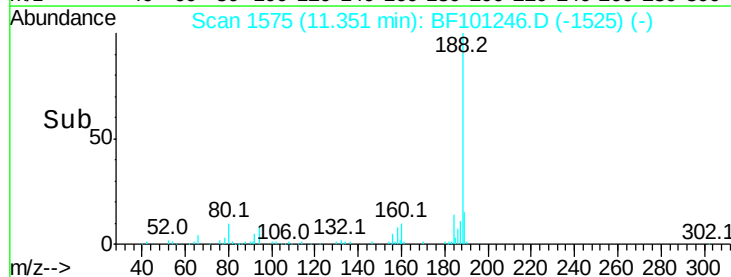
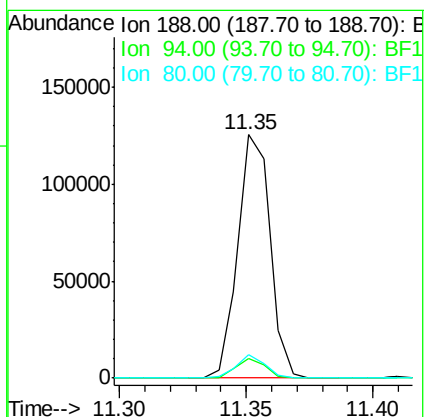
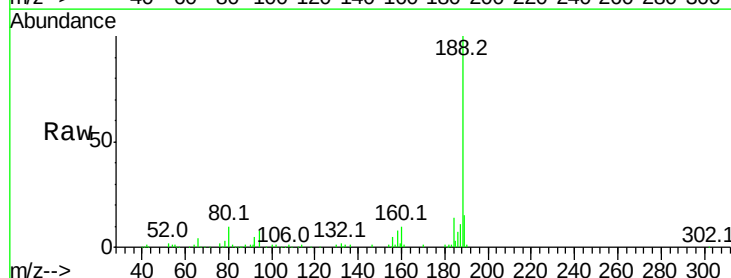
Instrument :
BNA_F
ClientSampleId :

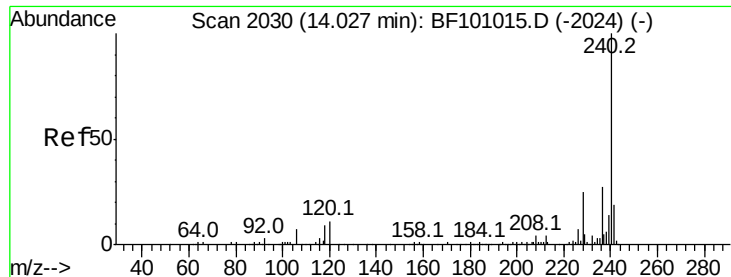
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101246.D
Acq: 8 Dec 2017 19:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	9.6	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF101246.D

Acq: 8 Dec 2017 19:58

Instrument :

BNA_F

ClientSampleId :

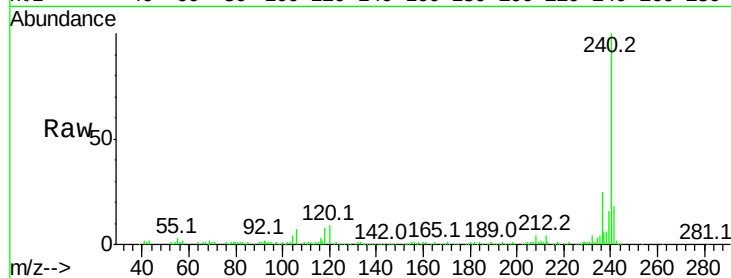
Tot Ion:240 Resp: 105830

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

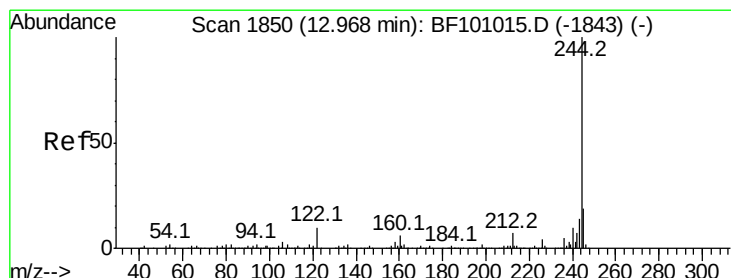
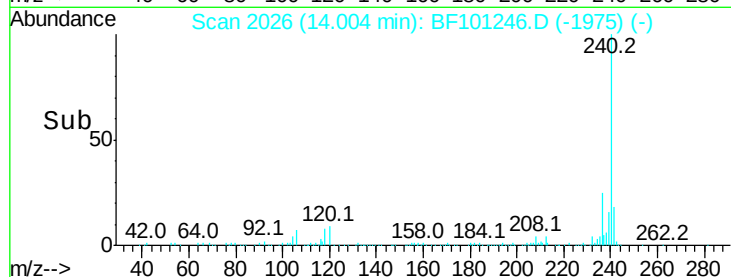
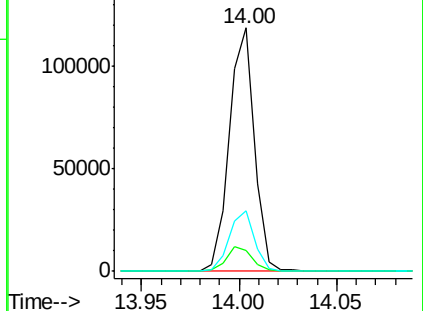
236 24.7 20.7 31.1



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: 28.457 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF101246.D

Acq: 8 Dec 2017 19:58

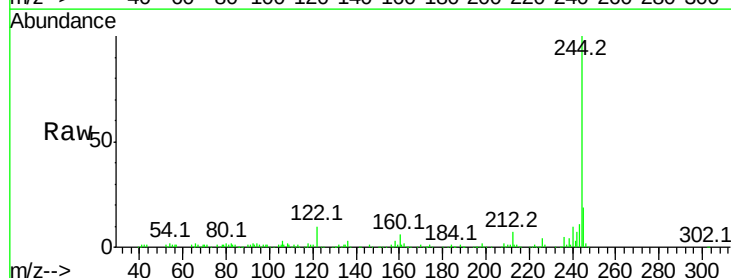
Tgt Ion:244 Resp: 137687

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

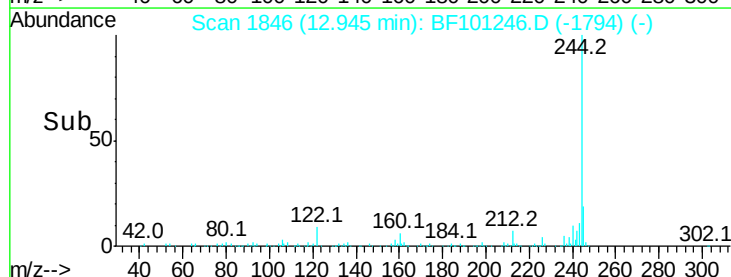
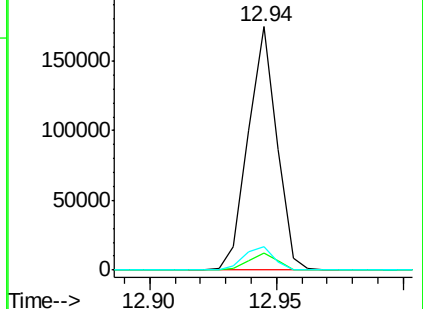
122 9.6 11.0 16.4#

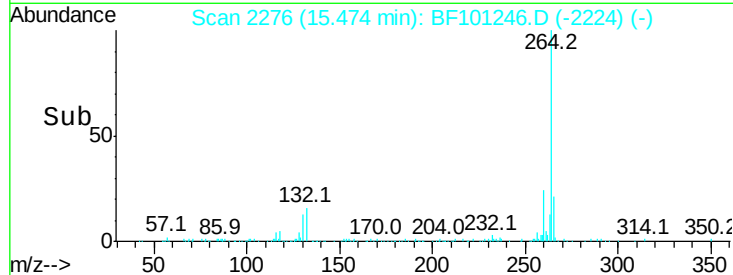
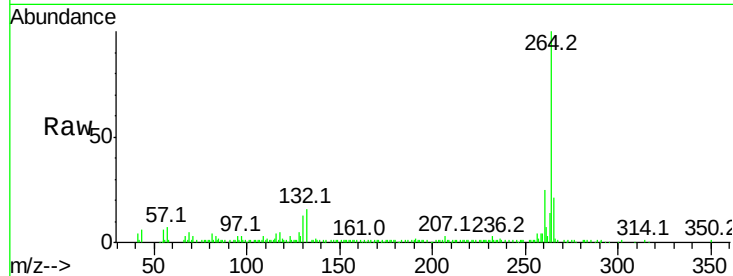
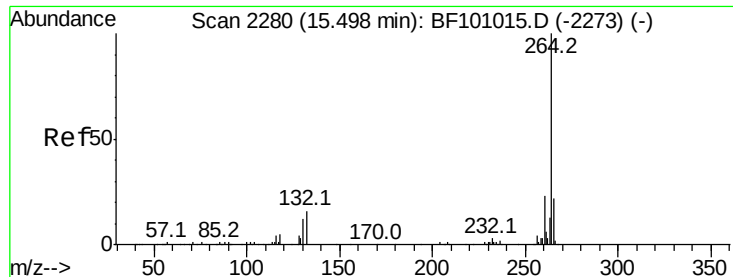


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF101246.D
Acq: 8 Dec 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	85762
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	21.0	17.5	26.3

