

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101175.D
 Acq On : 6 Dec 2017 18:39
 Operator : SJ/JU
 Sample : I6685-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-120517-B

Quant Time: Dec 06 23:51:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

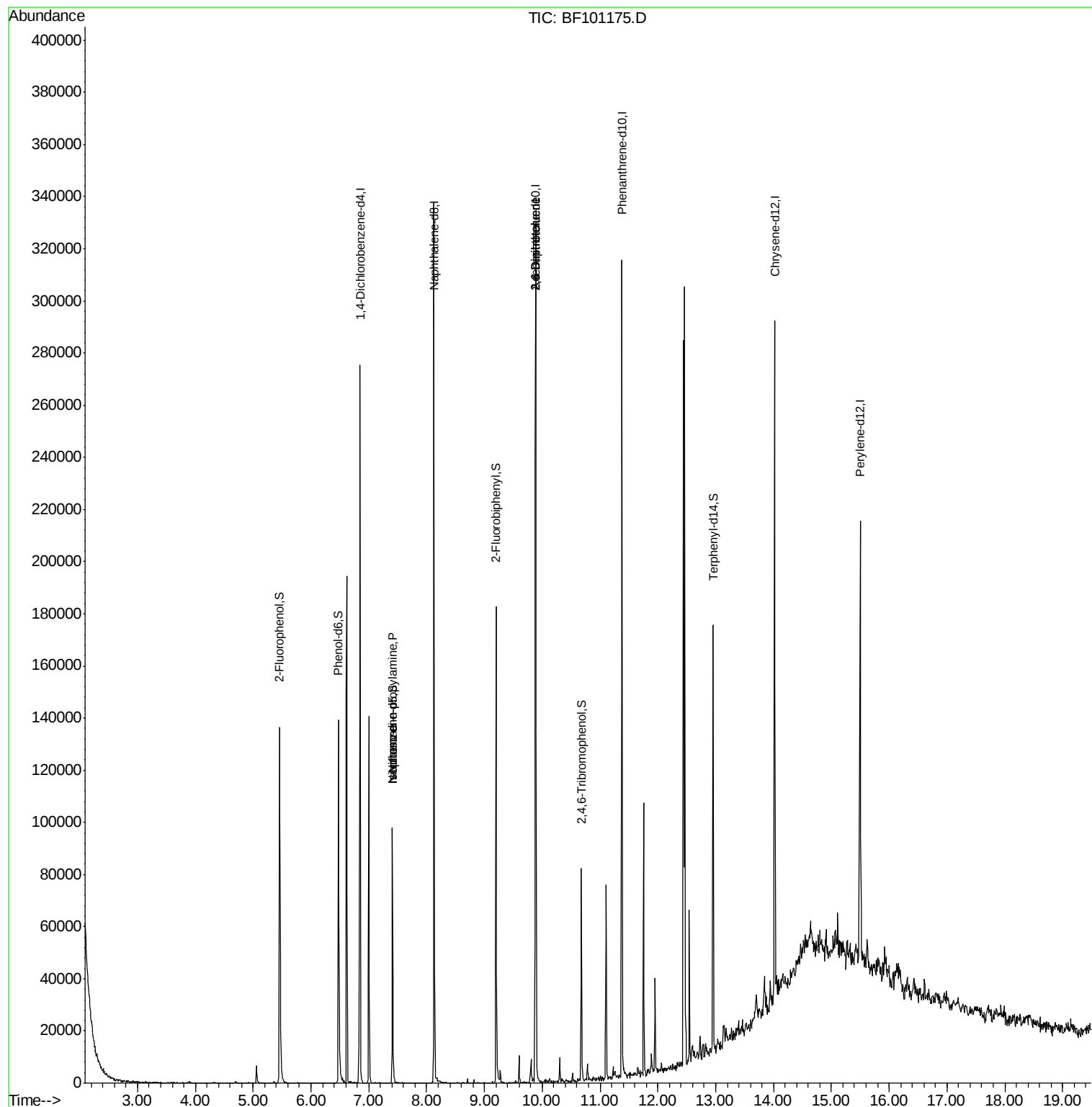
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	38527	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	148072	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	65395	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	110015	20.00	ng	0.00
75) Chrysene-d12	14.02	240	90959	20.00	ng	0.00
86) Perylene-d12	15.50	264	79399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	44336	19.02	ng	0.00
7) Phenol-d6	6.47	99	52520	18.55	ng	0.00
23) Nitrobenzene-d5	7.41	82	31975	12.88	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	11445	14.57	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	67147	14.05	ng	-0.01
78) Terphenyl-d14	12.96	244	50960	12.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	4045	2.122	ng	# 78
25) Isophorone	7.41	82	31975	7.541	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	7985	7.188	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	7985	5.364	ng	# 21

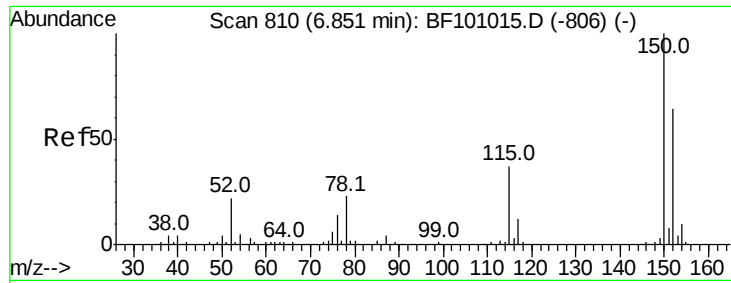
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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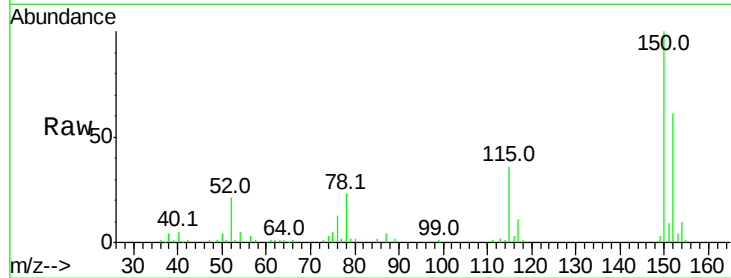


#1

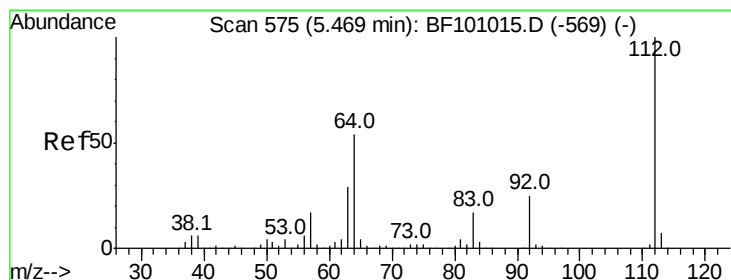
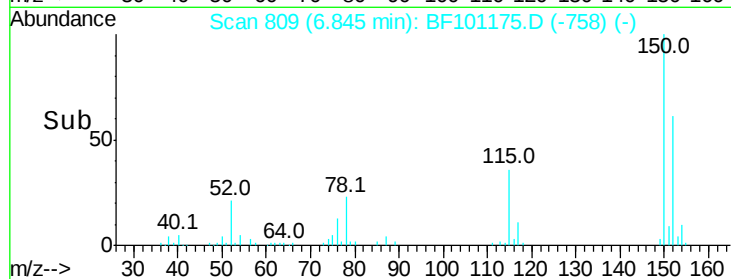
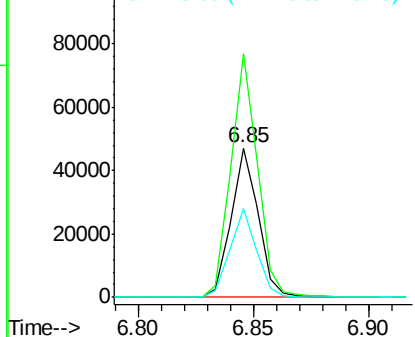
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101175.D
Acq: 6 Dec 2017 18:39

Instrument :
BNA_F
ClientSampleId :
AU-06-120517-B

Tot Ion:152 Resp: 38527
Ion Ratio Lower Upper
152 100
150 163.4 124.6 186.8
115 59.6 50.1 75.1



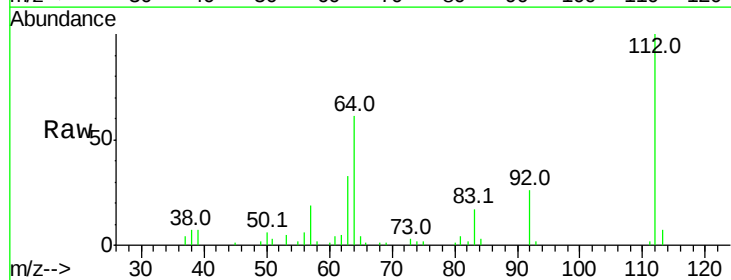
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



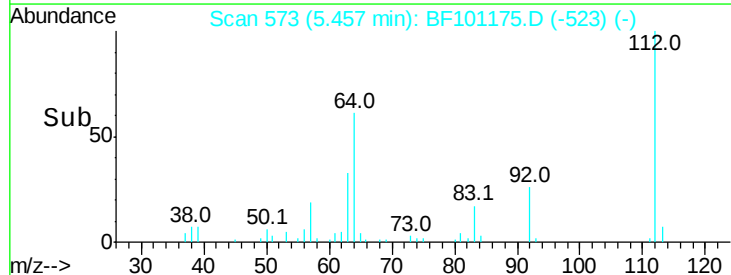
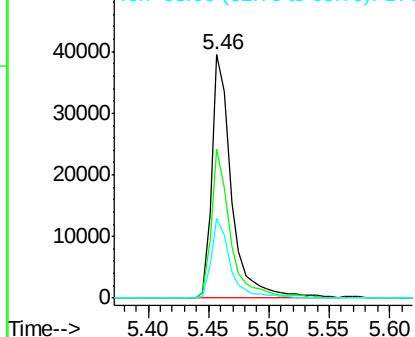
#5

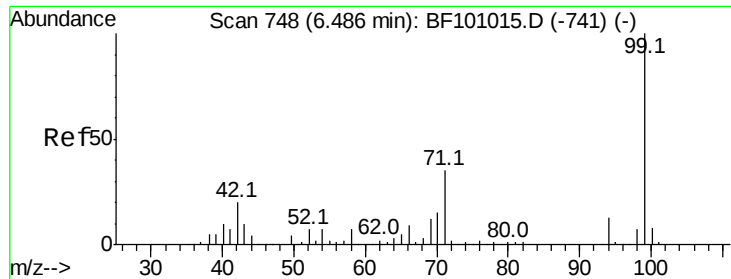
2-Fluorophenol
Concen: 19.016 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101175.D
Acq: 6 Dec 2017 18:39

Tgt Ion:112 Resp: 44336
Ion Ratio Lower Upper
112 100
64 61.3 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: 18.554 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101175.D

Acq: 6 Dec 2017 18:39

Instrument :

BNA_F

ClientSampleId :

AU-06-120517-B

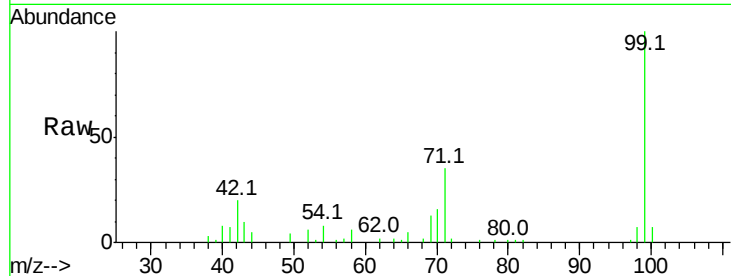
Tot Ion: 99 Resp: 52520

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

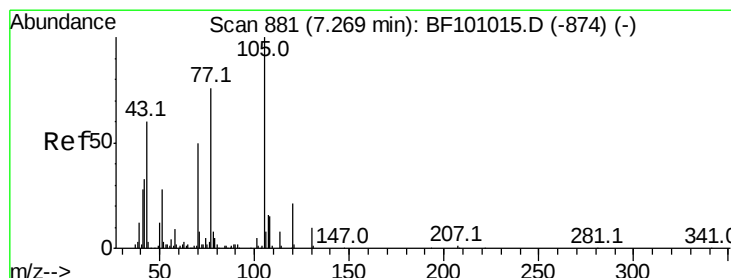
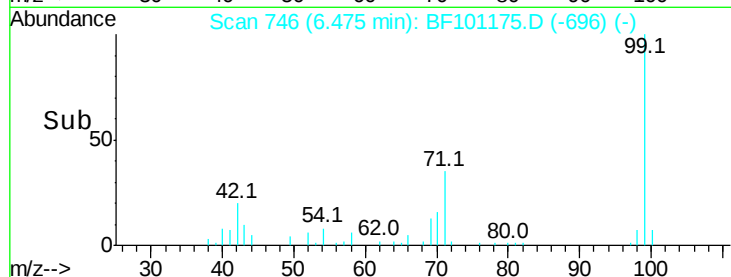
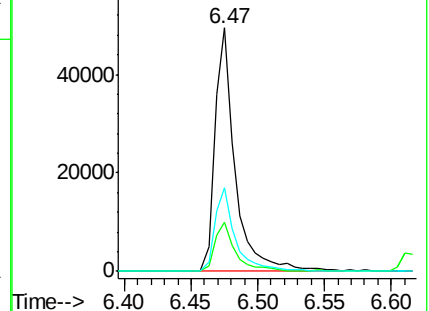
71 34.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.122 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.15 min

Lab File: BF101175.D

Acq: 6 Dec 2017 18:39

Tgt Ion: 70 Resp: 4045

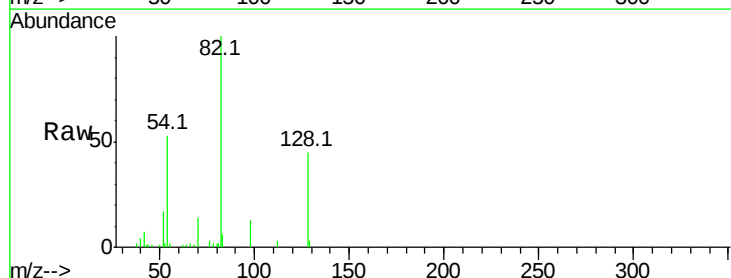
Ion Ratio Lower Upper

70 100

42 49.3 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

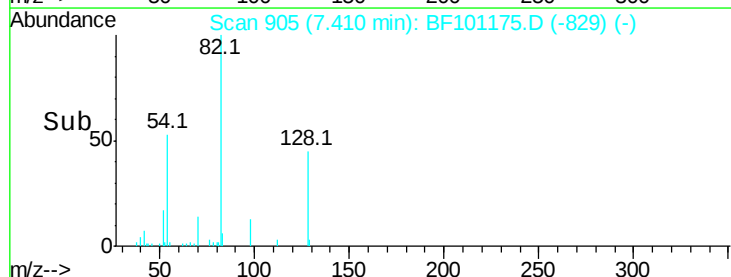
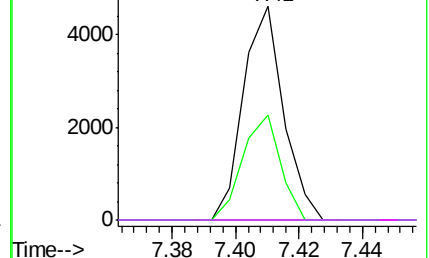


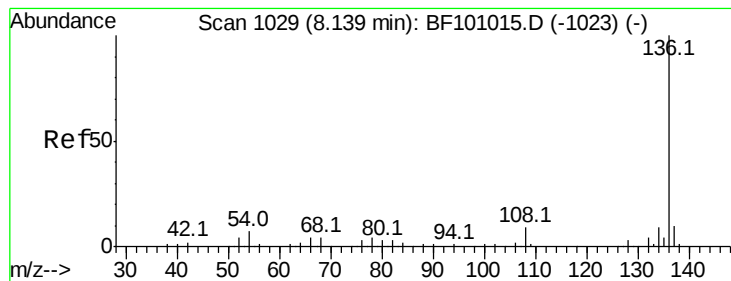
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101175.D

Acq: 6 Dec 2017 18:39

Instrument :

BNA_F

ClientSampleId :

AU-06-120517-B

Tot Ion:136 Resp: 148072

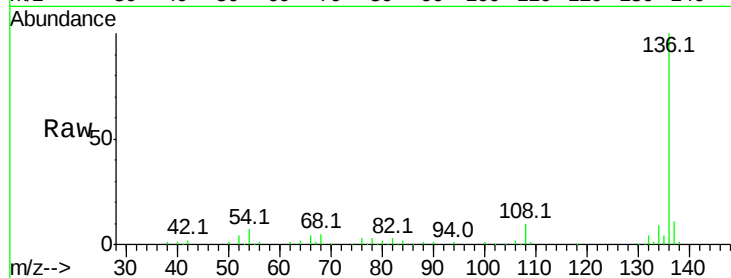
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.9 6.6 9.8

68 5.0 5.0 7.4

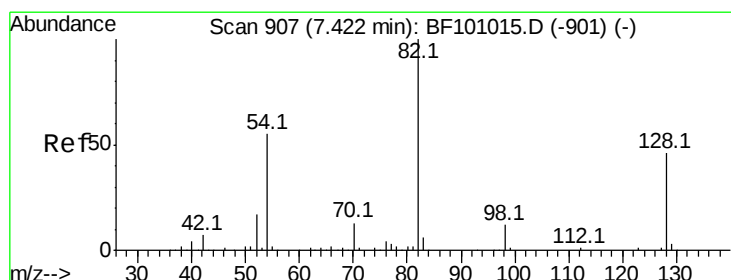
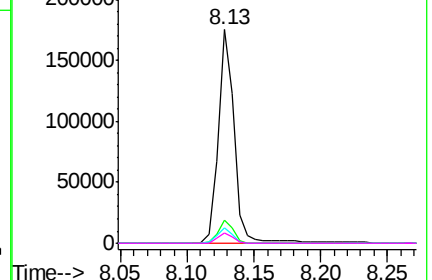
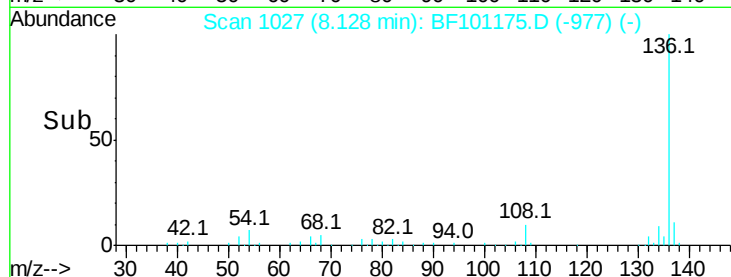


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.882 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF101175.D

Acq: 6 Dec 2017 18:39

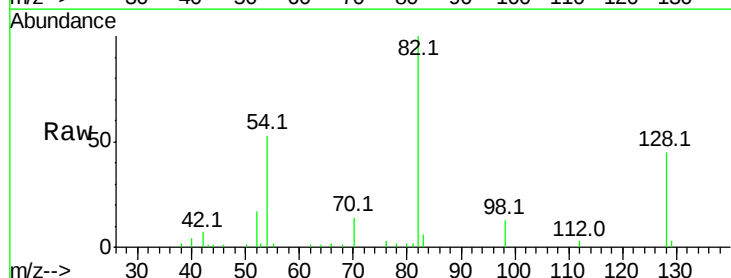
Tgt Ion: 82 Resp: 31975

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

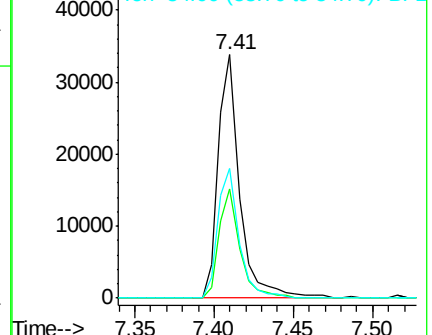
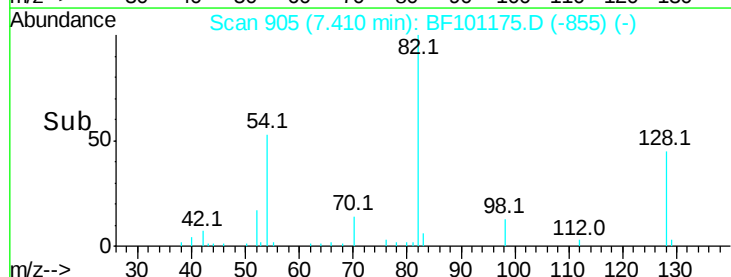
54 53.2 41.4 62.2

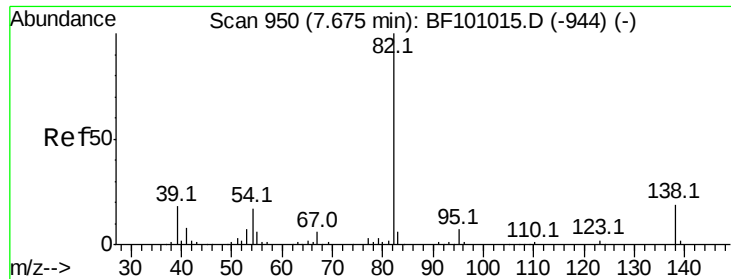


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.541 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101175.D

Acq: 6 Dec 2017 18:39

Instrument :

BNA_F

ClientSampleId :

AU-06-120517-B

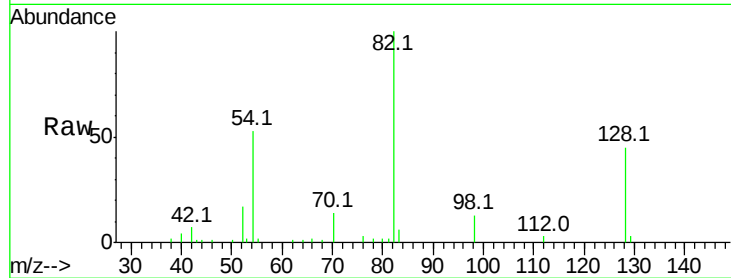
Tot Ion: 82 Resp: 31975

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

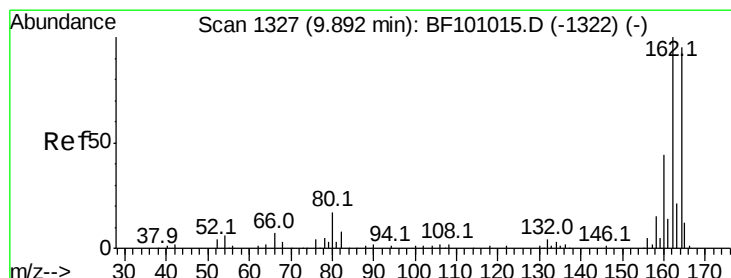
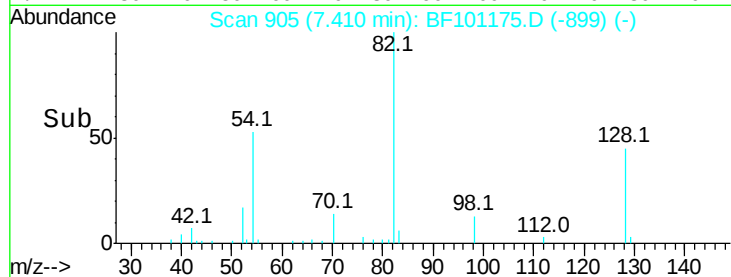
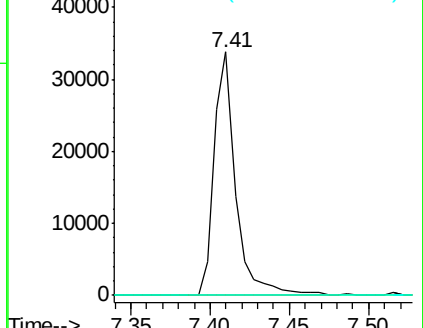
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101175.D

Acq: 6 Dec 2017 18:39

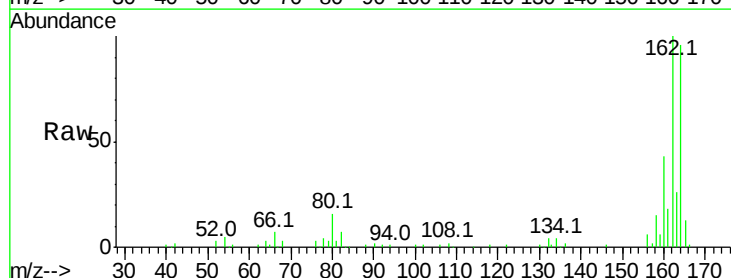
Tgt Ion: 164 Resp: 65395

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

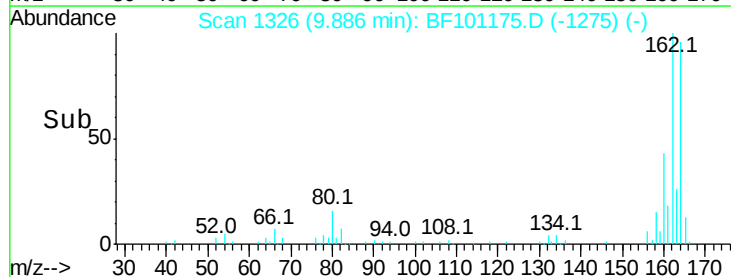
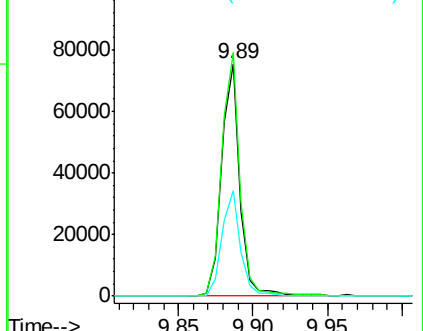
160 45.2 38.3 57.5

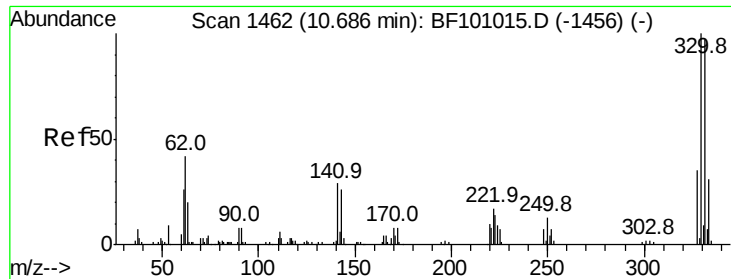


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

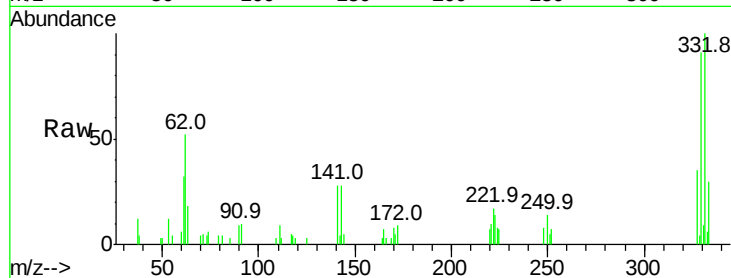




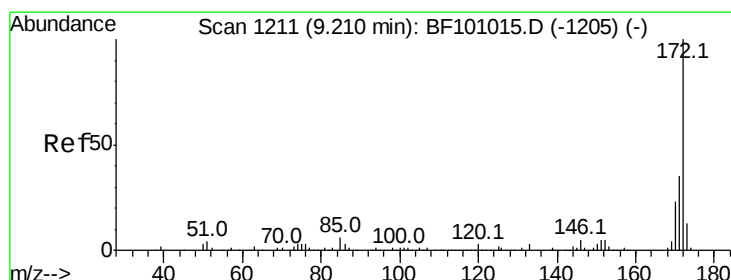
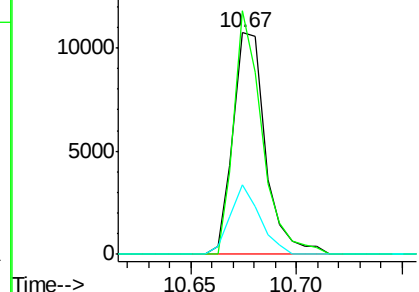
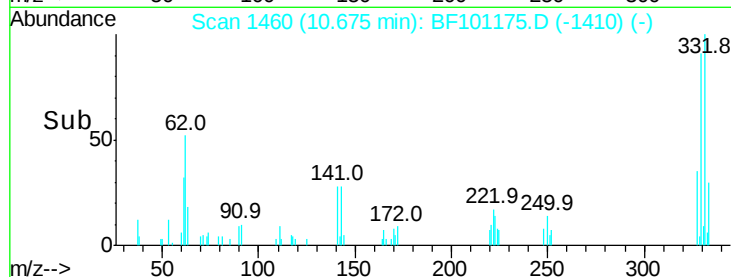
#41
 2,4,6-Tribromophenol
 Concen: 14.569 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101175.D
 Acq: 6 Dec 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-120517-B

Tot Ion:330 Resp: 11445
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 28.4 29.9 44.9#

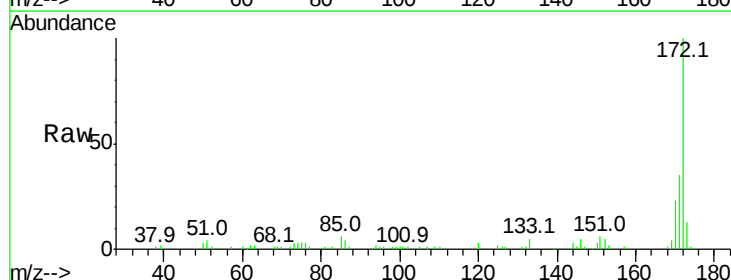


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

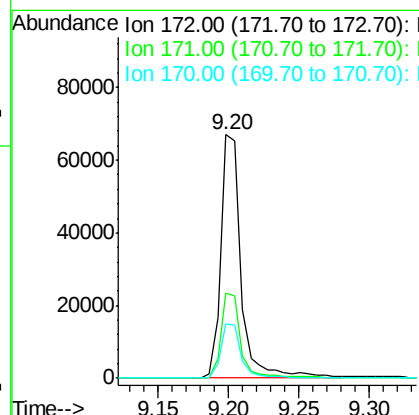
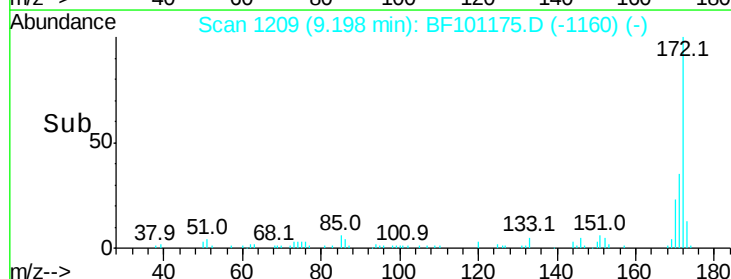


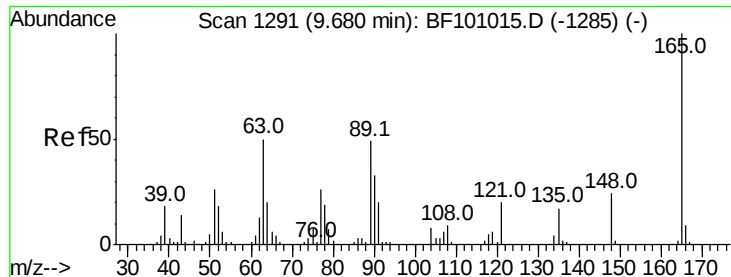
#44
 2-Fluorobiphenyl
 Concen: 14.049 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101175.D
 Acq: 6 Dec 2017 18:39

Tgt Ion:172 Resp: 67147
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 22.5 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

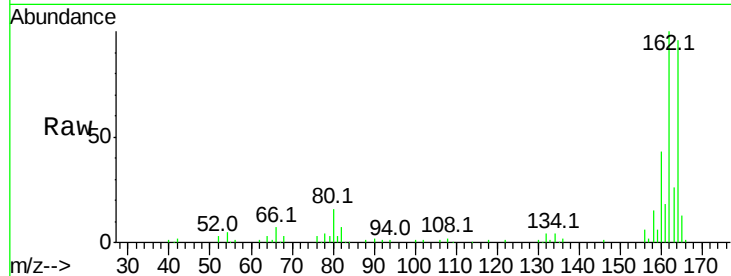




#50
 2,6-Dinitrotoluene
 Concen: 7.188 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF101175.D
 Acq: 6 Dec 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-120517-B

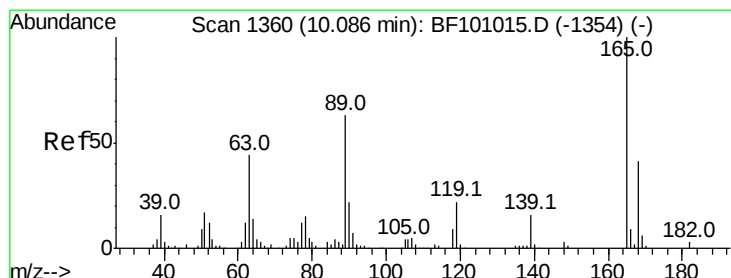
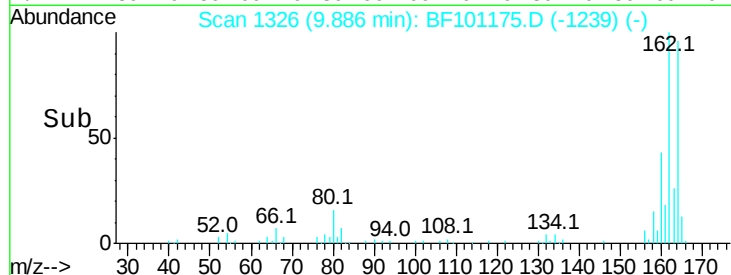
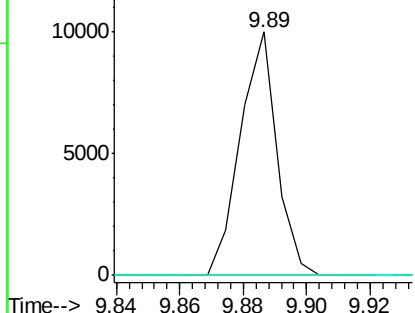
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.364 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101175.D
 Acq: 6 Dec 2017 18:39

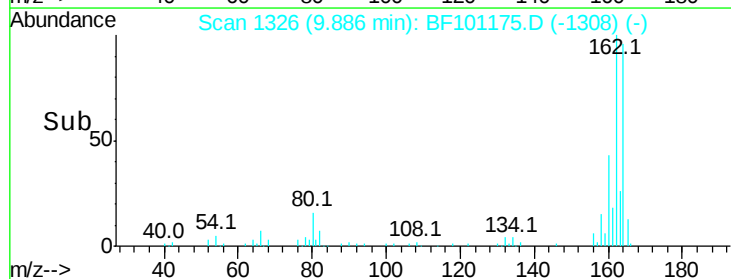
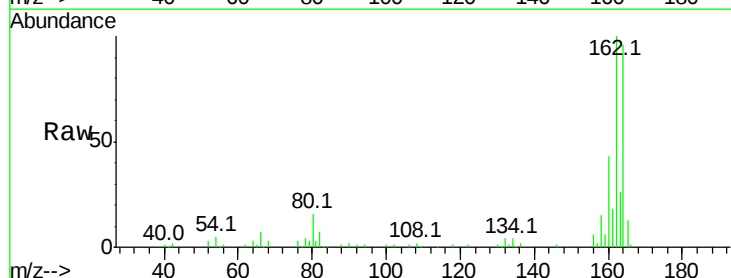
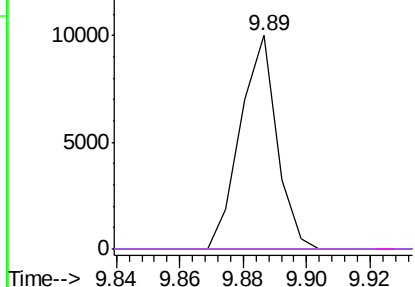
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

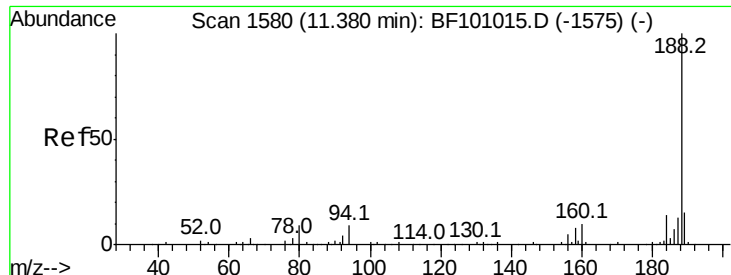
Abundance Ion 165.00 (164.70 to 165.70): E

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

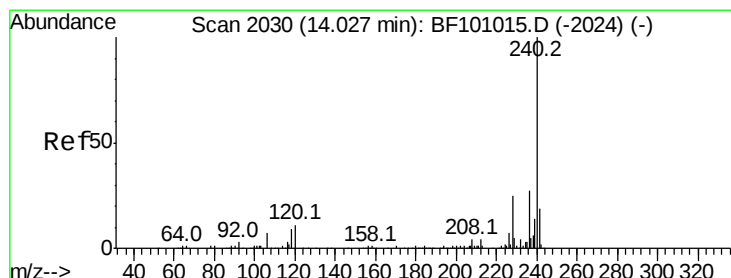
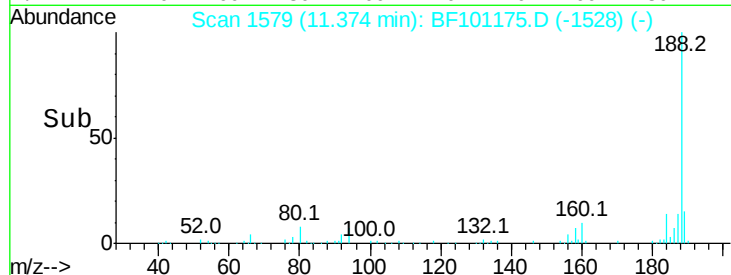
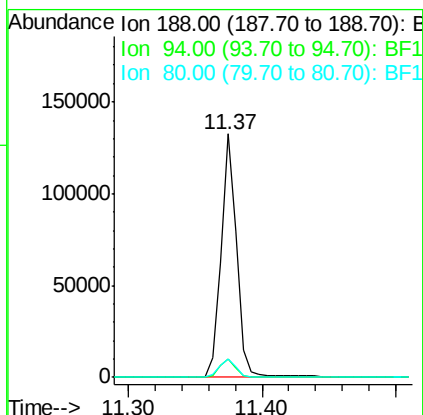
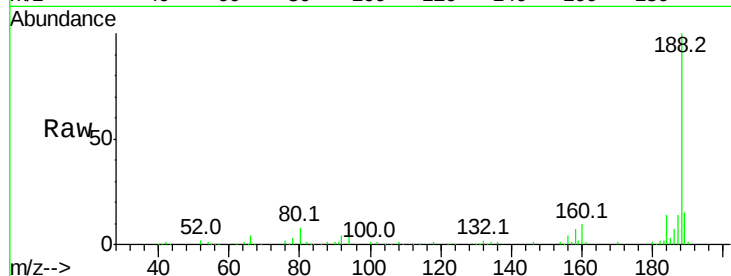




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101175.D
Acq: 6 Dec 2017 18:39

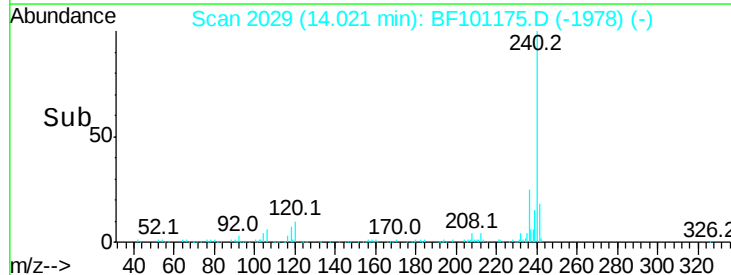
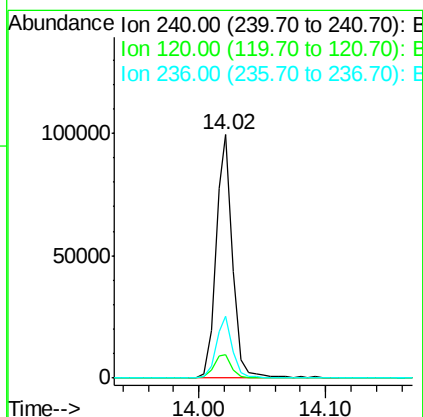
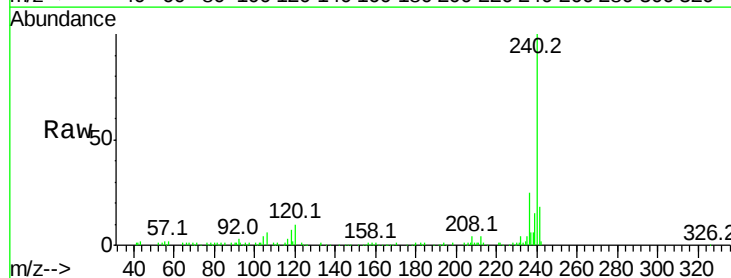
Instrument :
BNA_F
ClientSampled :
AU-06-120517-B

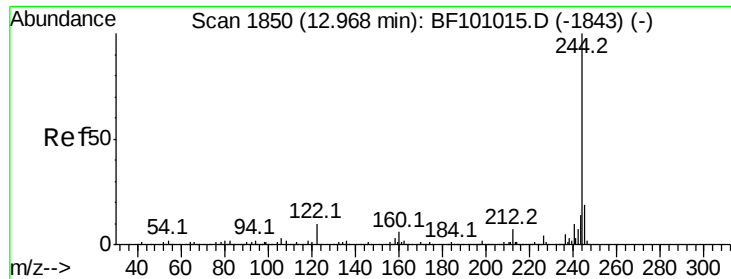
Tot Ion:188 Resp: 110015
Ion Ratio Lower Upper
188 100
94 7.5 8.5 12.7#
80 7.8 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101175.D
Acq: 6 Dec 2017 18:39

Tgt Ion:240 Resp: 90959
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 12.254 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101175.D

Acq: 6 Dec 2017 18:39

Instrument :

BNA_F

ClientSampleId :

AU-06-120517-B

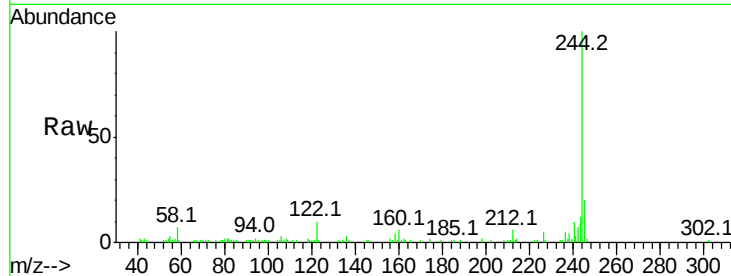
Tot Ion:244 Resp: 50960

Ion Ratio Lower Upper

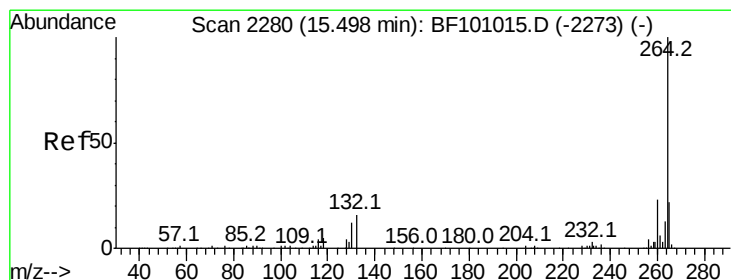
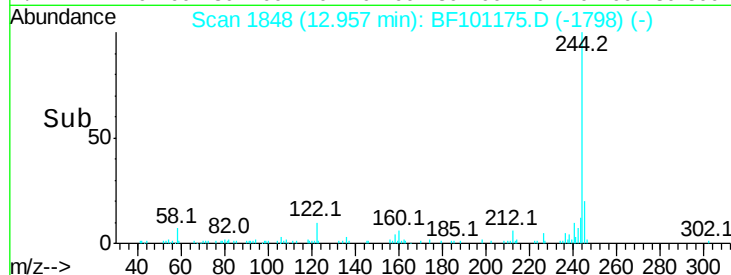
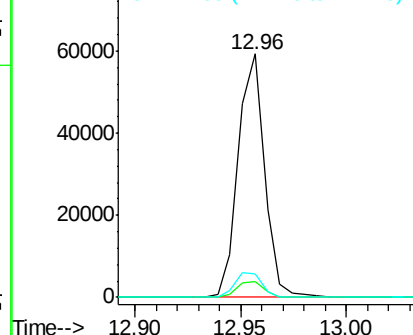
244 100

212 6.3 5.4 8.0

122 9.5 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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101175.D

Acq: 6 Dec 2017 18:39

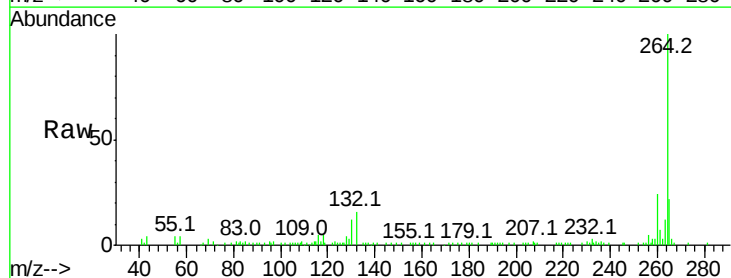
Tgt Ion:264 Resp: 79399

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.8 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

