

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
 Data File : BF107047.D
 Acq On : 2 Jul 2018 16:32
 Operator : JU/SJ
 Sample : J3629-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C10-02

Quant Time: Jul 02 17:24:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

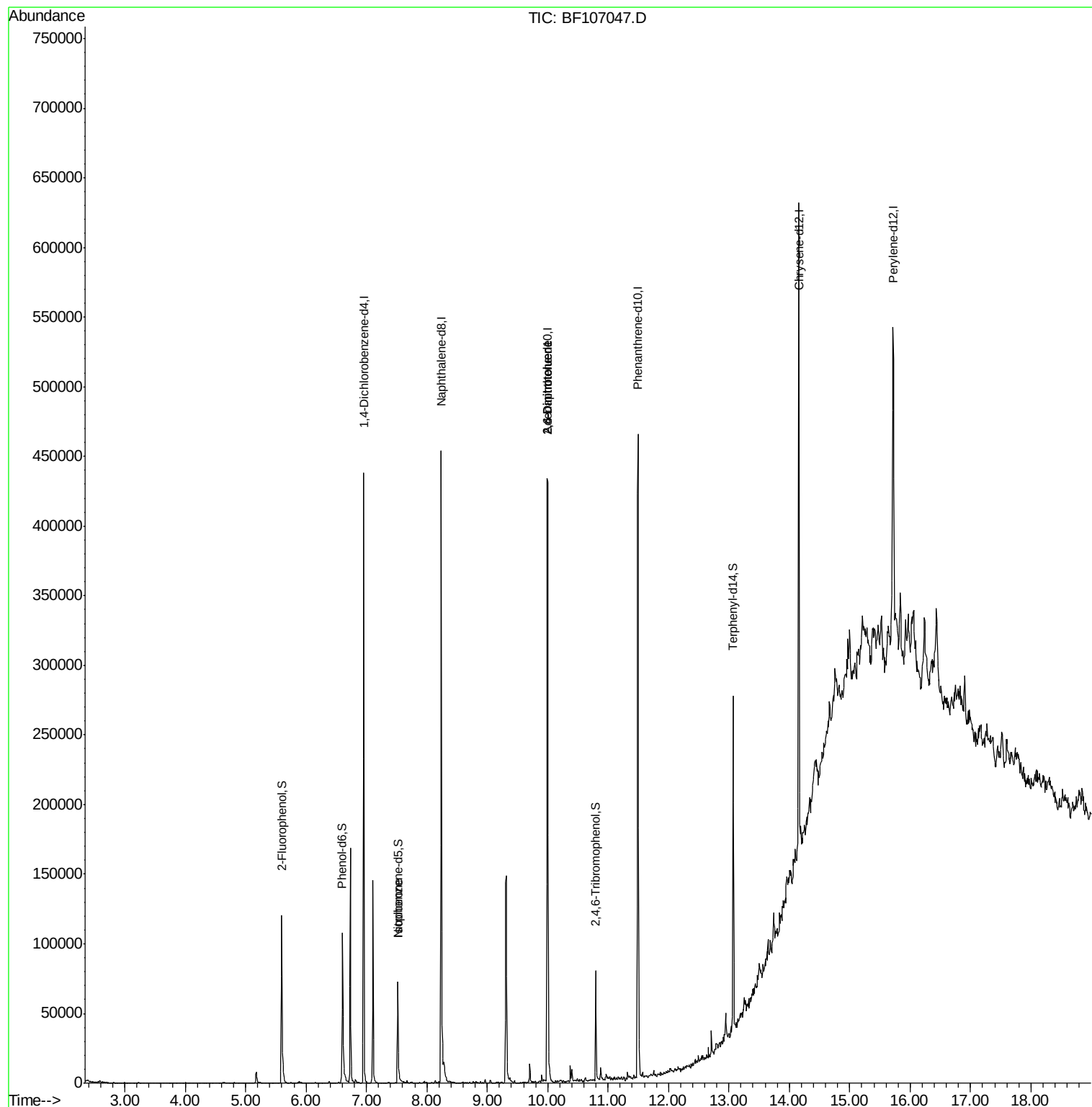
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61136	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	238341	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	106511	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	195526	20.00	ng	0.00
75) Chrysene-d12	14.16	240	181046	20.00	ng	0.00
86) Perylene-d12	15.72	264	121418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	43766	12.12	ng	0.00
7) Phenol-d6	6.60	99	51562	11.44	ng	-0.01
23) Nitrobenzene-d5	7.52	82	30625	7.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	12872	10.43	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	70487	-4.30	ng	-0.01
78) Terphenyl-d14	13.07	244	80528	10.77	ng	-0.01
Target Compounds						
25) Isophorone	7.52	82	30625	4.052	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	12998	7.684	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	12998	5.887	ng	# 21

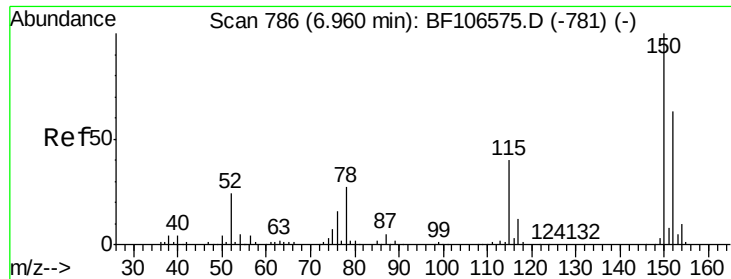
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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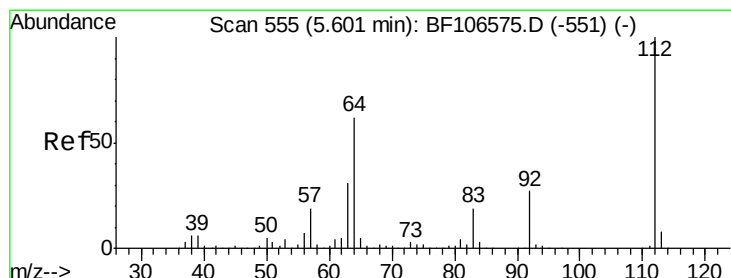
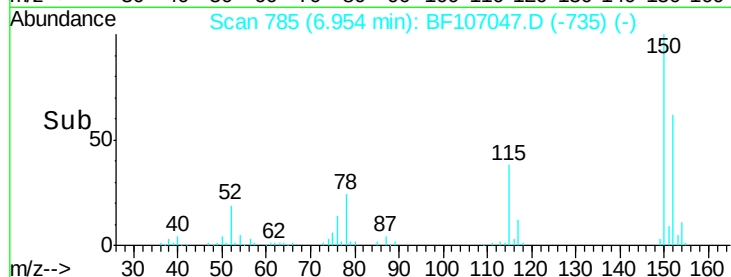
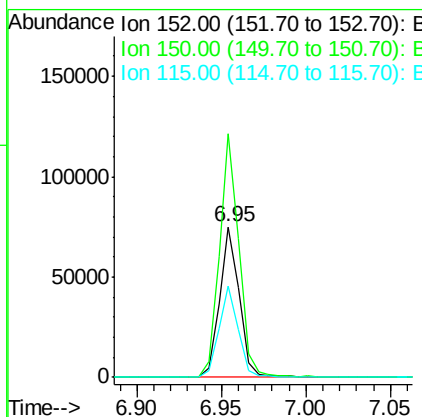
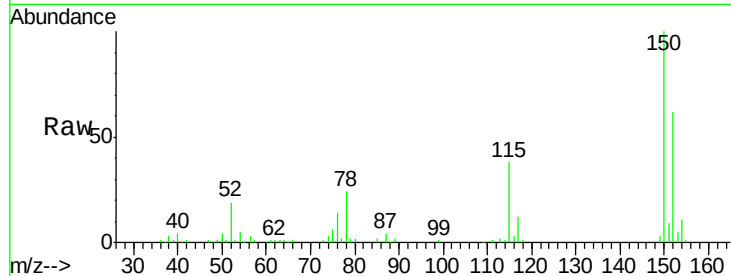




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107047.D
 Acq: 2 Jul 2018 16:32

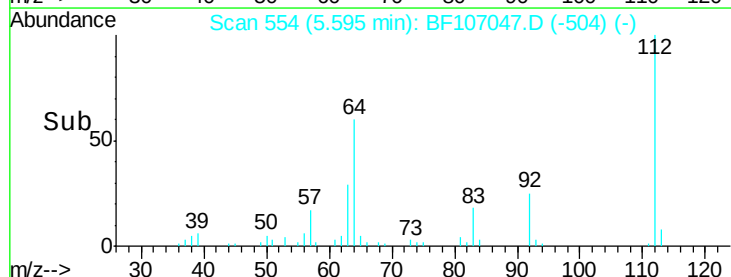
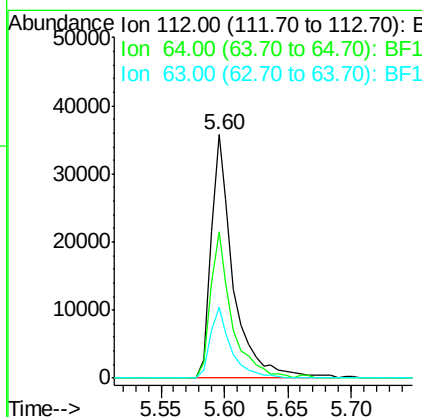
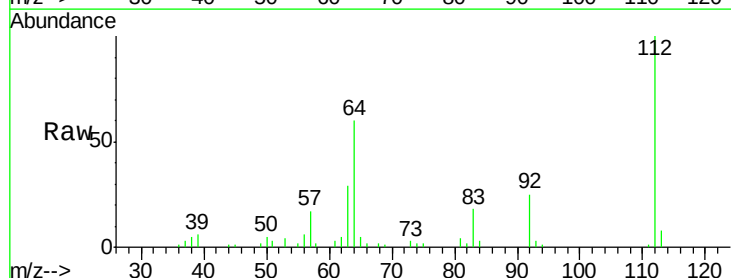
Instrument :
 BNA_F
 ClientSampleId :
 A0C10-02

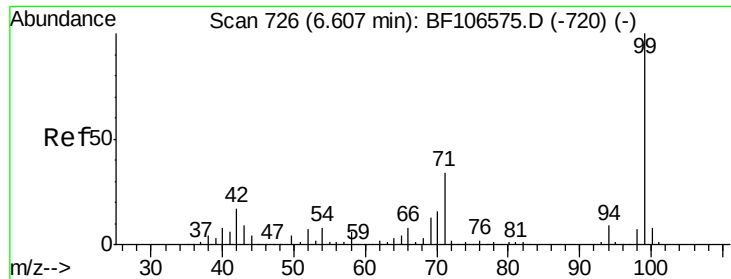
Tgt Ion:152 Resp: 61136
 Ion Ratio Lower Upper
 152 100
 150 161.8 124.6 186.8
 115 60.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 12.122 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107047.D
 Acq: 2 Jul 2018 16:32

Tgt Ion:112 Resp: 43766
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.9 71.9
 63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 11.436 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107047.D

Acq: 2 Jul 2018 16:32

Instrument :

BNA_F

ClientSampleId :

A0C10-02

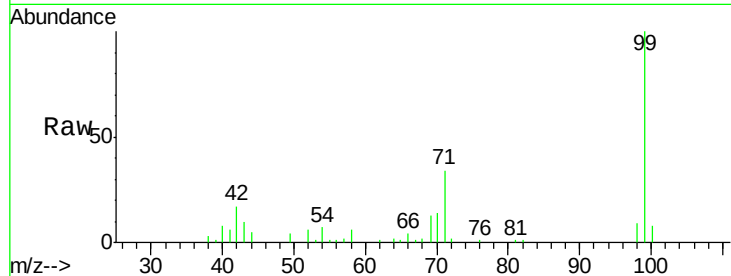
Tgt Ion: 99 Resp: 51562

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

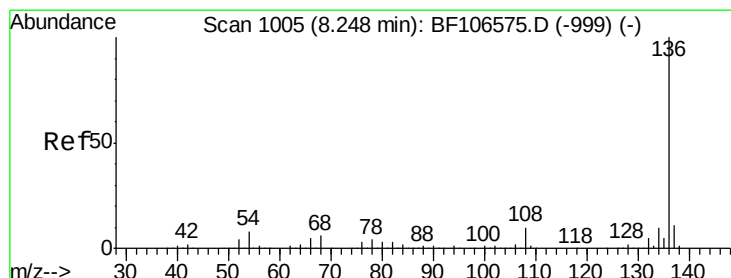
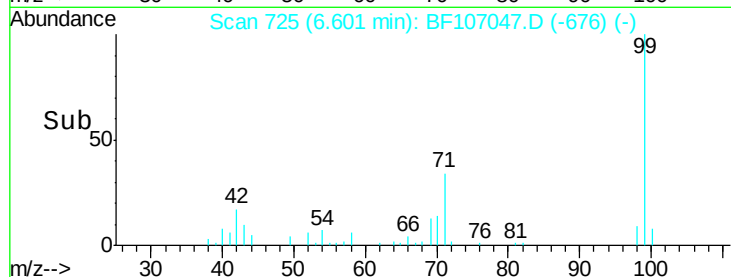
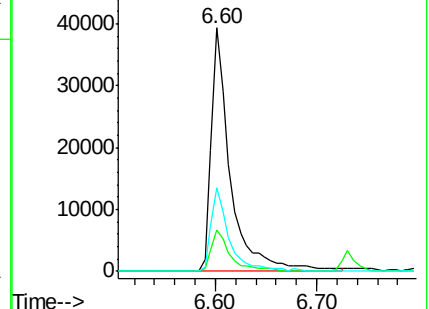
71 34.5 25.4 38.0



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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107047.D

Acq: 2 Jul 2018 16:32

Tgt Ion: 136 Resp: 238341

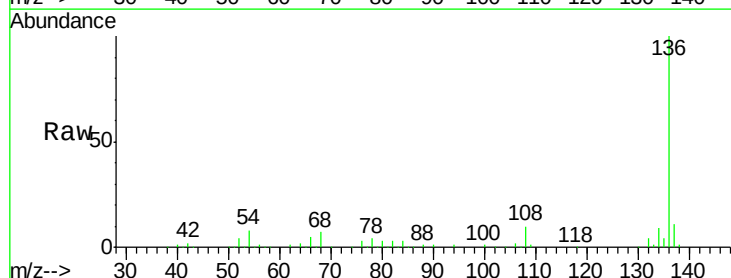
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 6.6 9.8

68 6.6 5.0 7.4

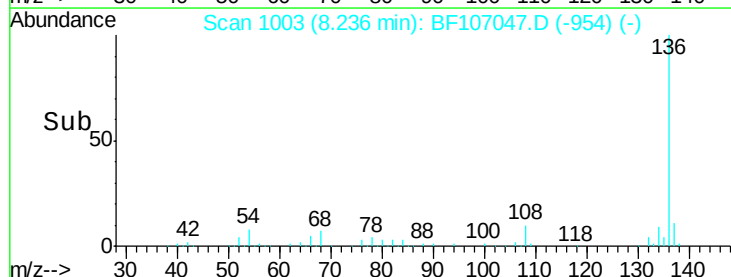
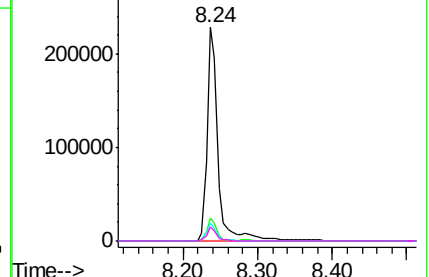


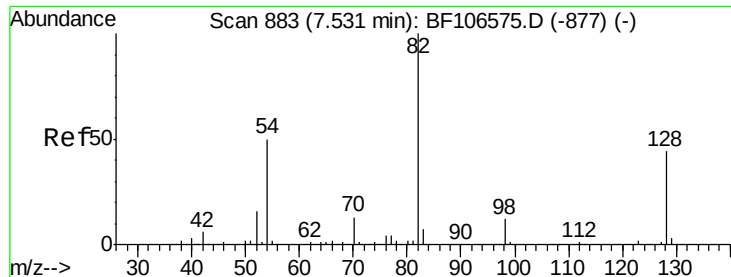
Abundance Ion 136.00 (135.70 to 136.70): E

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

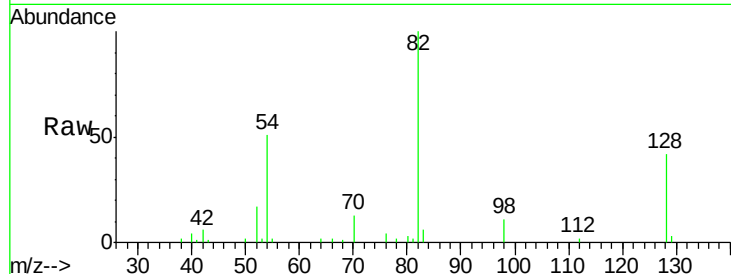




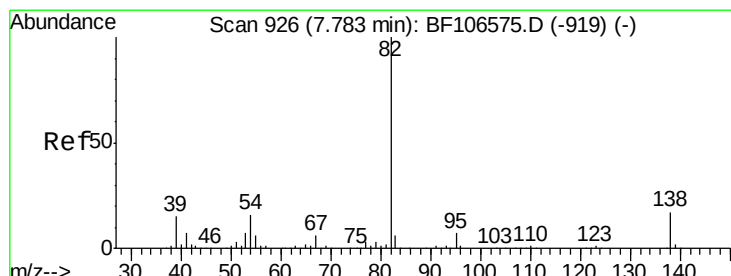
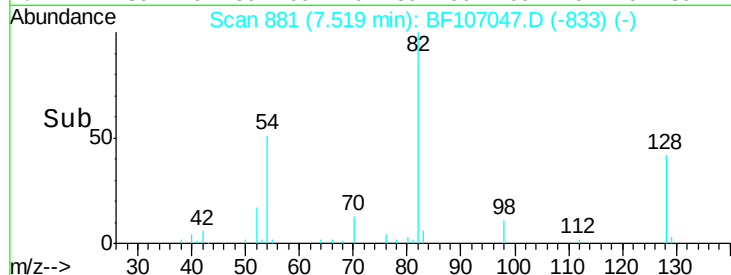
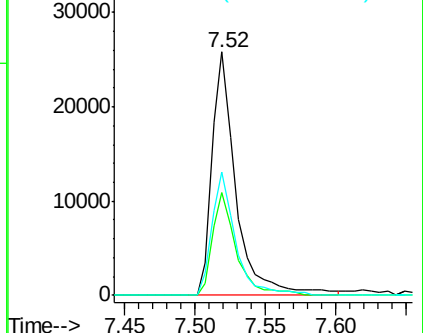
#23
Nitrobenzene-d5
Concen: 7.141 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Instrument :
BNA_F
ClientSampleId :
A0C10-02

Tgt Ion: 82 Resp: 30625
Ion Ratio Lower Upper
82 100
128 42.1 36.1 54.1
54 50.8 41.4 62.2

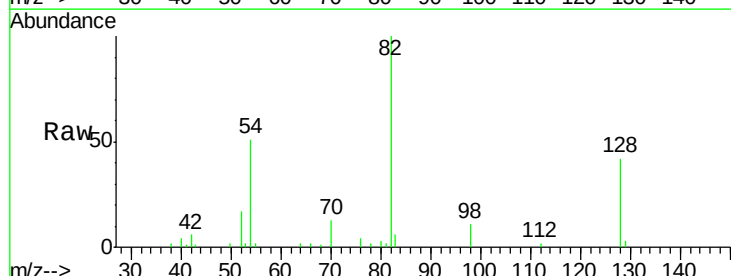


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

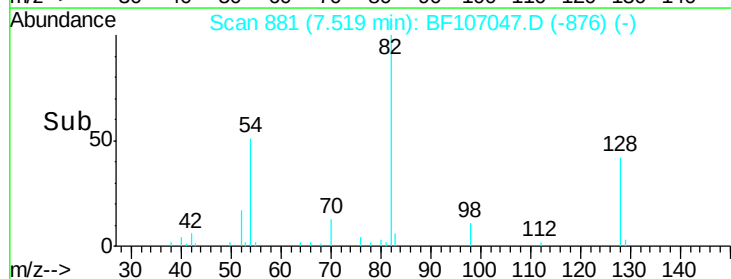
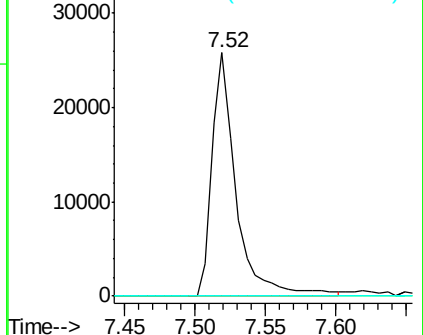


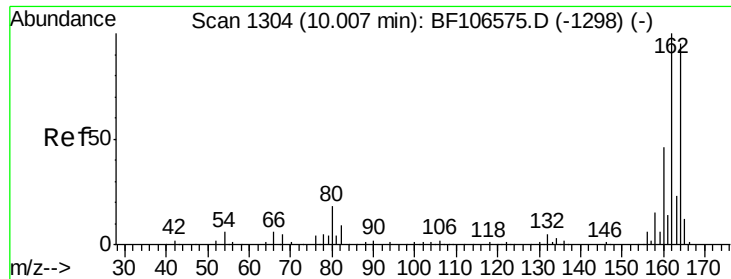
#25
Isophorone
Concen: 4.052 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Tgt Ion: 82 Resp: 30625
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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF107047.D

Acq: 2 Jul 2018 16:32

Instrument :

BNA_F

ClientSampleId :

A0C10-02

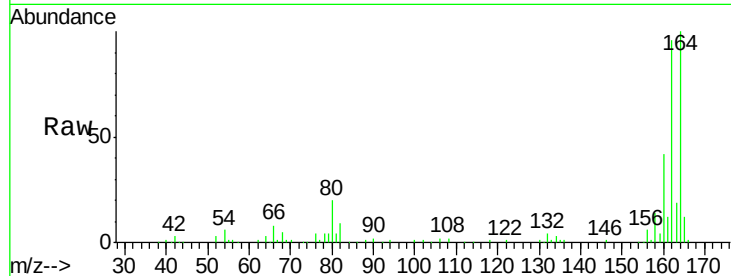
Tgt Ion:164 Resp: 106511

Ion Ratio Lower Upper

164 100

162 95.7 86.1 129.1

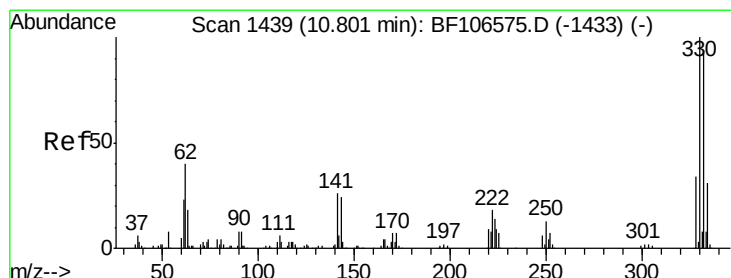
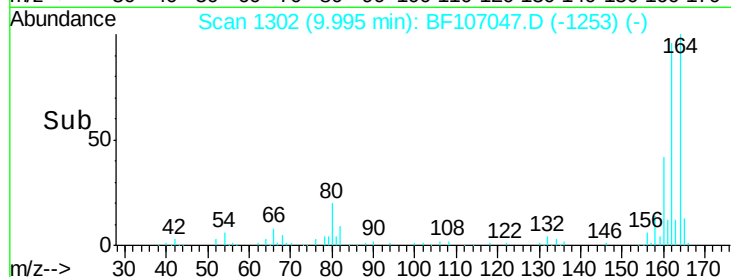
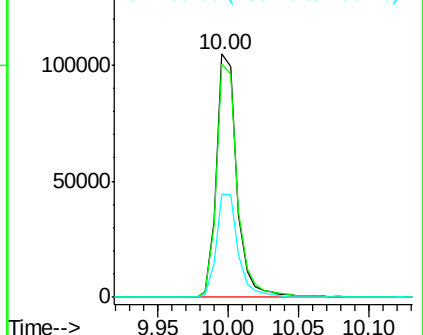
160 42.0 38.3 57.5



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: 10.427 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107047.D

Acq: 2 Jul 2018 16:32

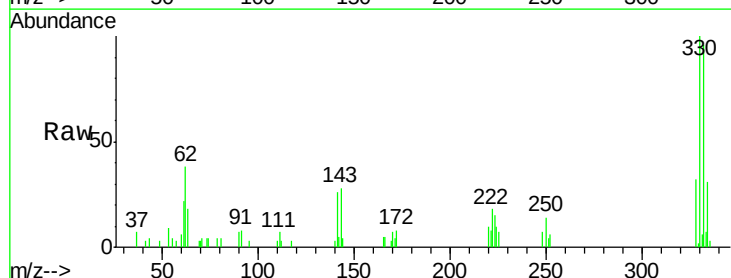
Tgt Ion:330 Resp: 12872

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

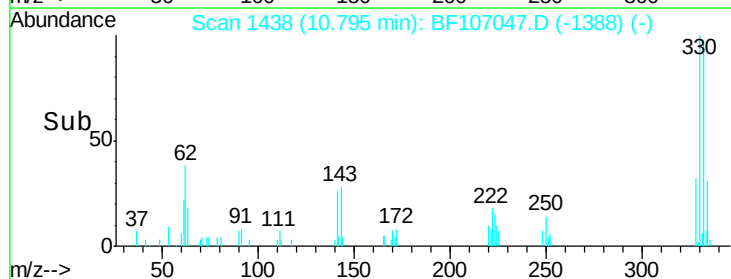
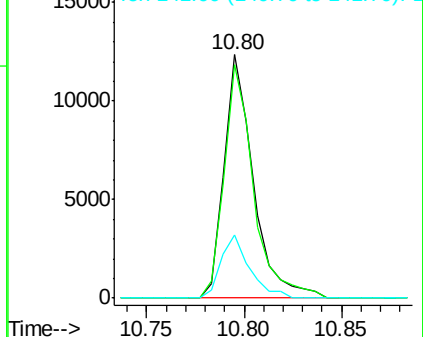
141 25.4 29.9 44.9#

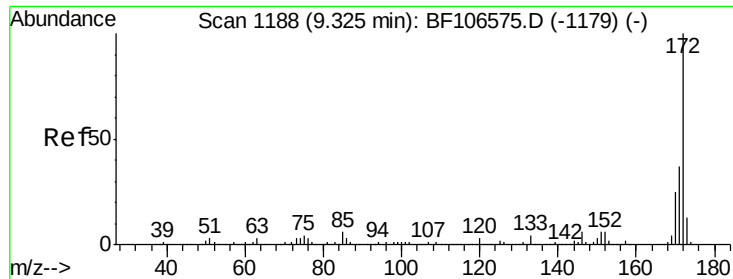


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

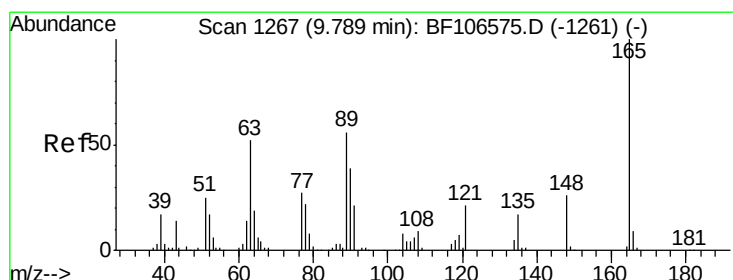
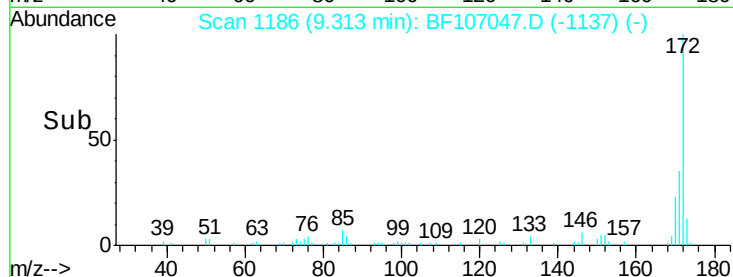
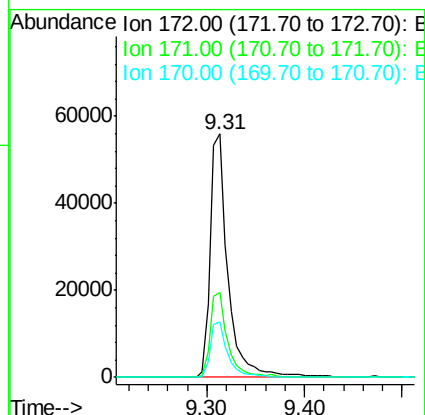
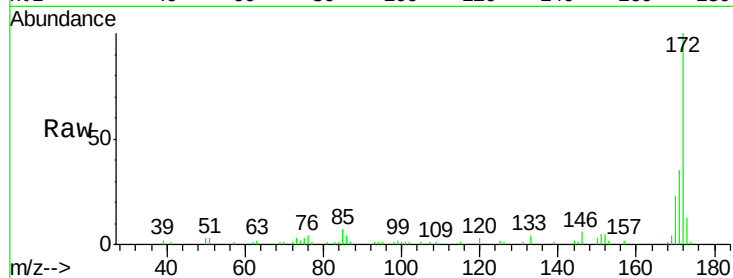




#44
 2-Fluorobiphenyl
 Concen: -4.295 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107047.D
 Acq: 2 Jul 2018 16:32

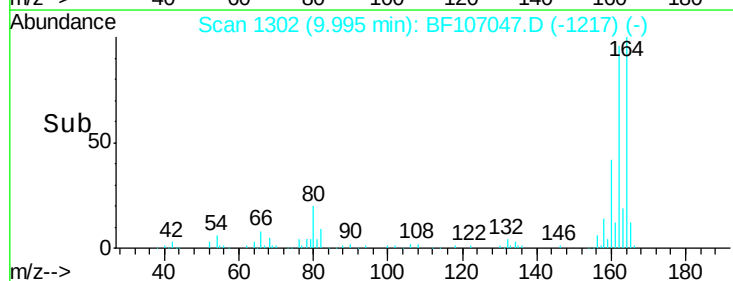
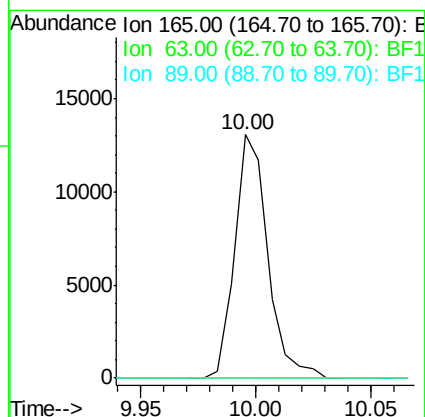
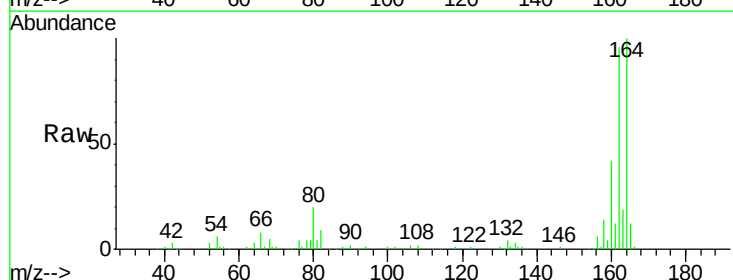
Instrument :
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 ClientSampleId :
 A0C10-02

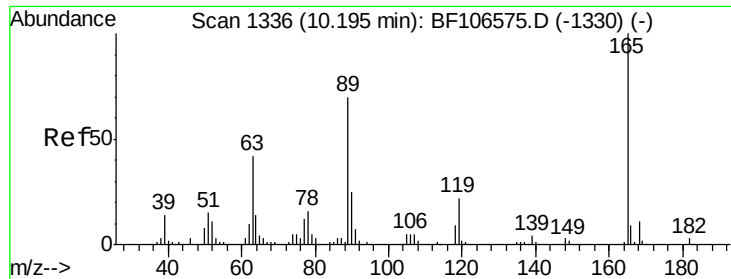
Tgt Ion:172 Resp: 70487
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 22.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.684 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107047.D
 Acq: 2 Jul 2018 16:32

Tgt Ion:165 Resp: 12998
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

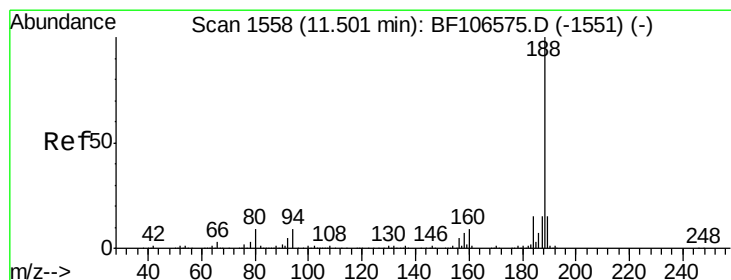
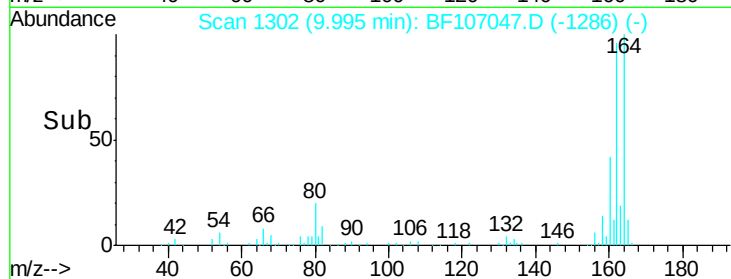
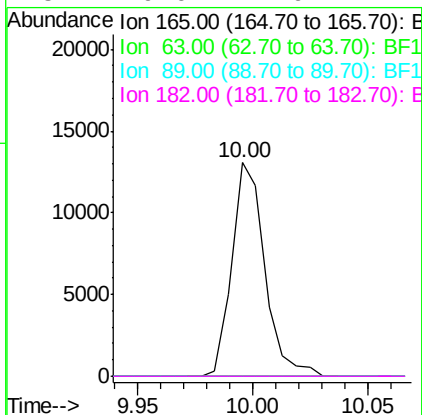
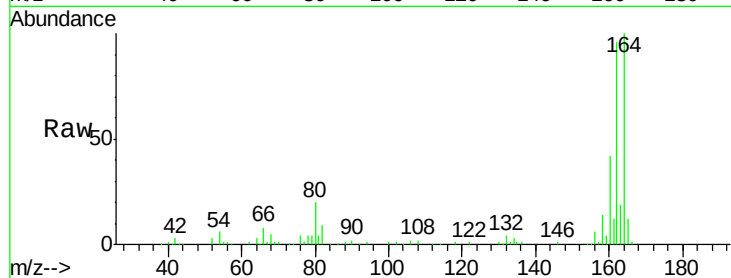




#56
 2,4-Dinitrotoluene
 Concen: 5.887 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107047.D
 Acq: 2 Jul 2018 16:32

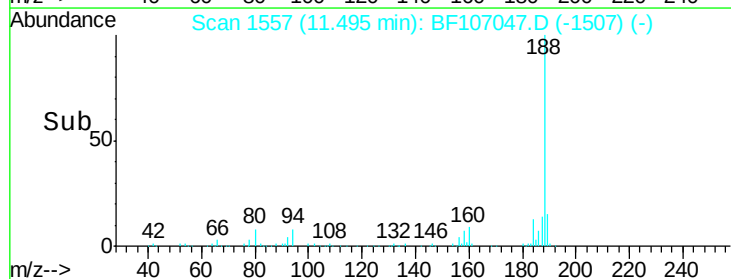
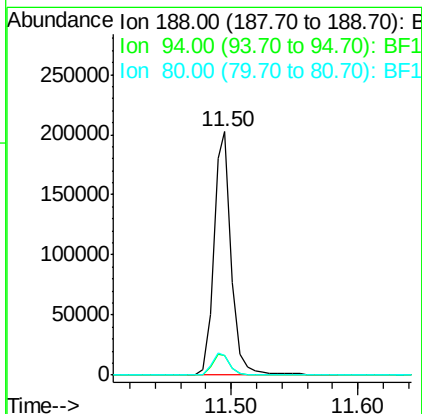
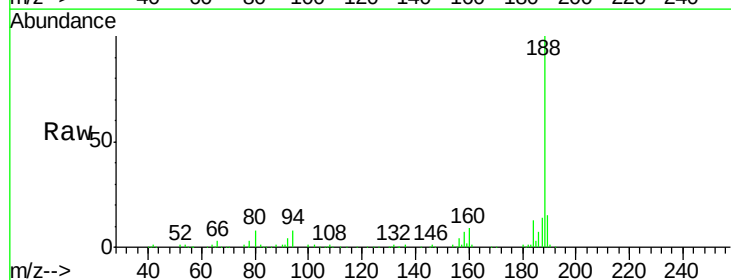
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 A0C10-02

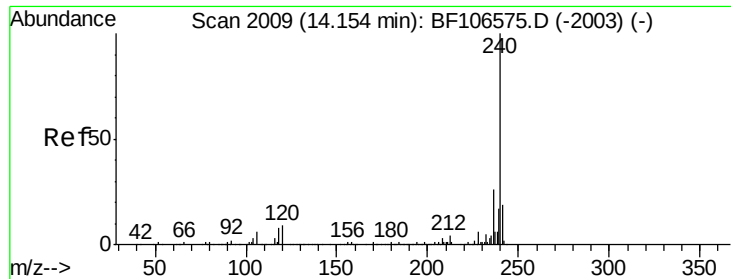
Tgt Ion:	165	Resp:	12998
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107047.D
 Acq: 2 Jul 2018 16:32

Tgt Ion:	188	Resp:	195526
Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.2	9.2	13.8#

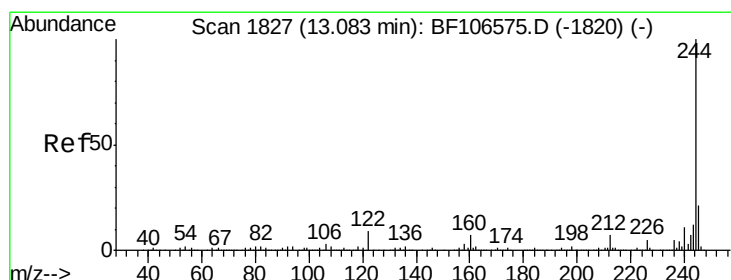
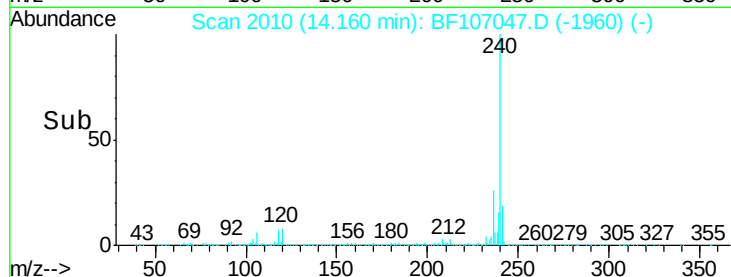
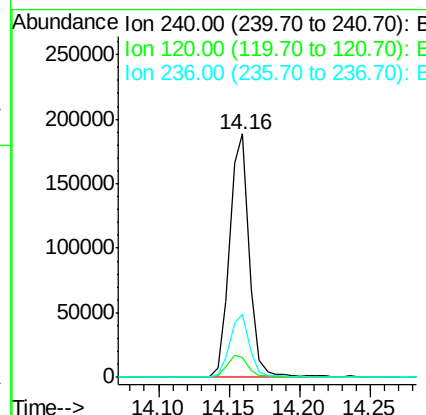
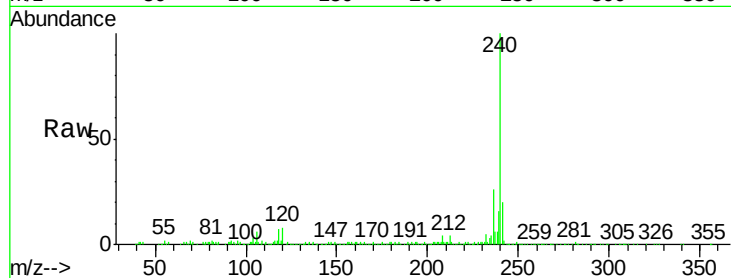




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF107047.D
 Acq: 2 Jul 2018 16:32

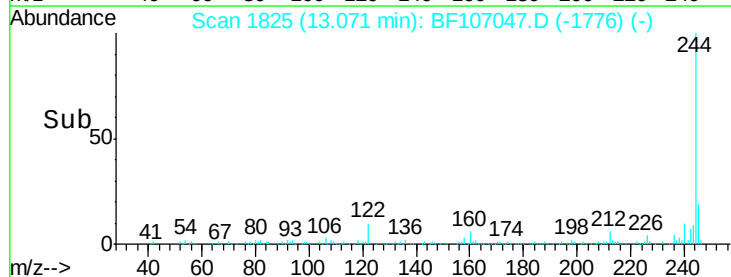
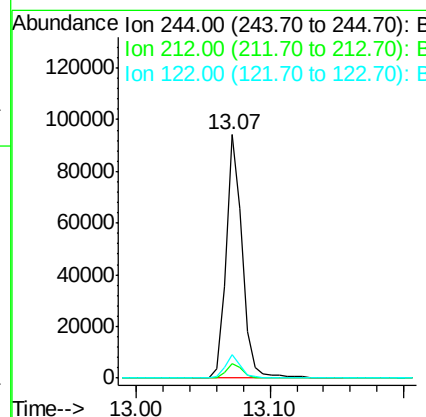
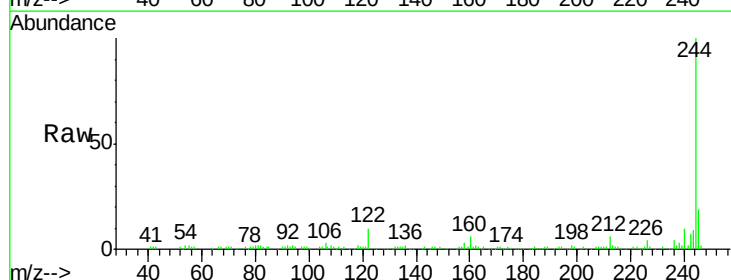
Instrument :
 BNA_F
 ClientSampleId :
 A0C10-02

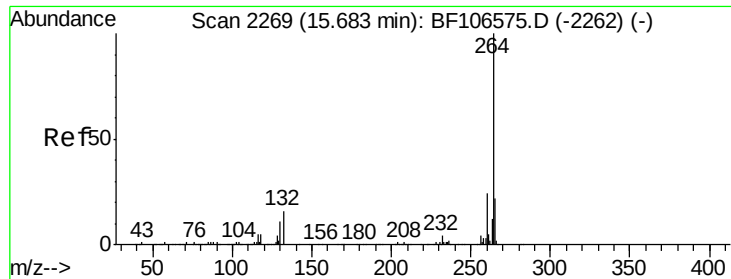
Tgt Ion:240 Resp: 181046
 Ion Ratio Lower Upper
 240 100
 120 8.3 9.5 14.3#
 236 26.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 10.774 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107047.D
 Acq: 2 Jul 2018 16:32

Tgt Ion:244 Resp: 80528
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 9.6 11.0 16.4#



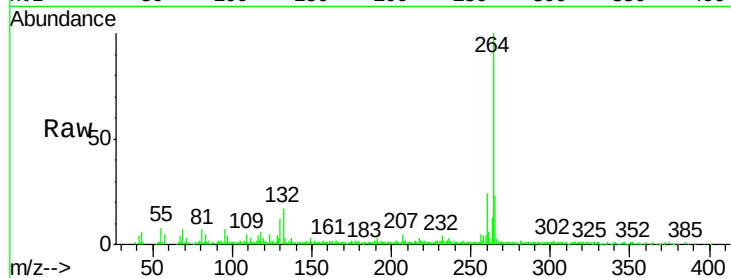


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Instrument :
BNA_F
ClientSampleId :
A0C10-02

Tgt Ion: 264 Resp: 121418

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.3	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

