

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
 Data File : BF107345.D
 Acq On : 12 Jul 2018 18:01
 Operator : JU/SJ
 Sample : J3828-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-071018-B

Quant Time: Jul 12 19:06:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

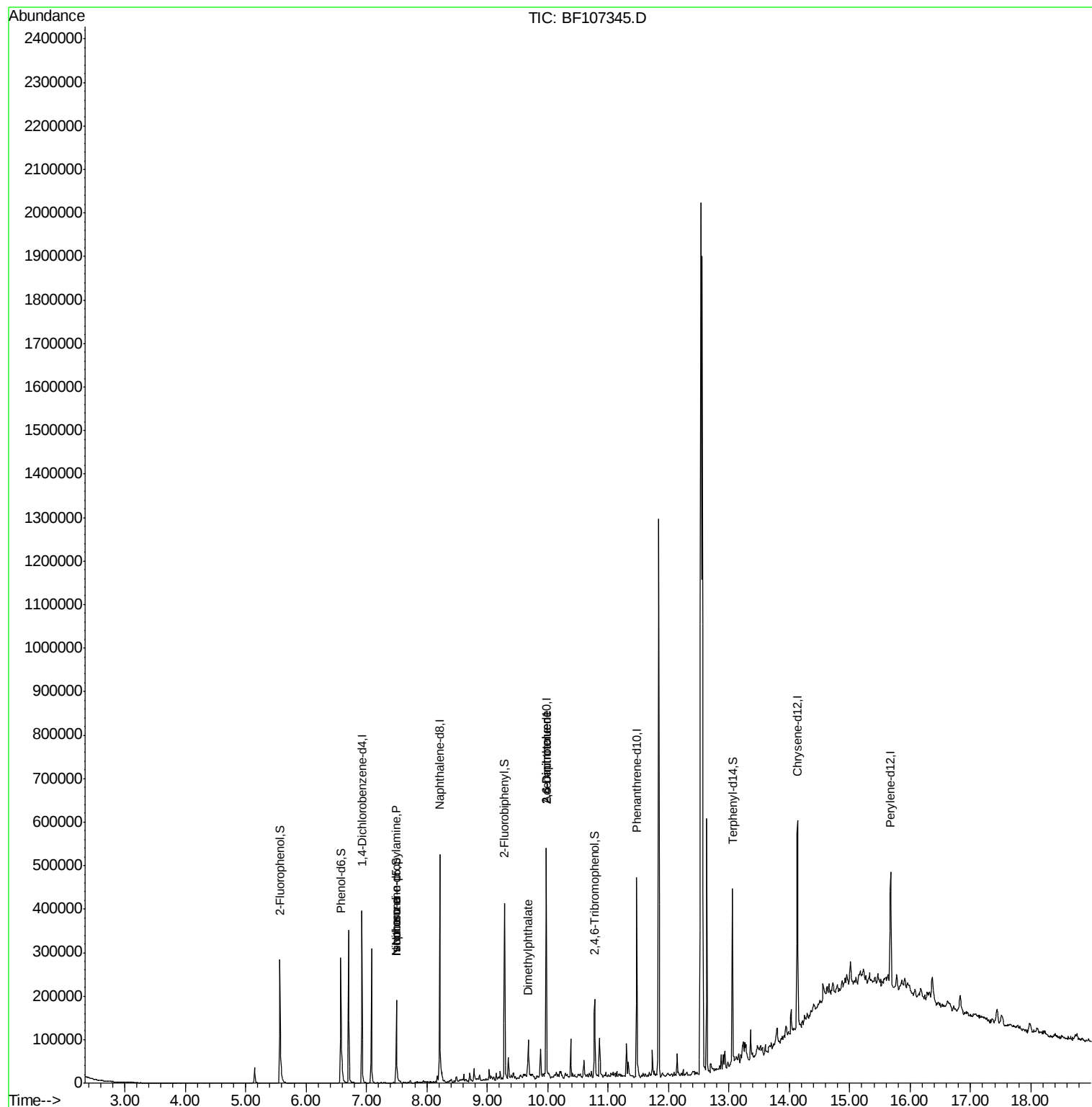
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	62355	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	239934	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	108683	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	185322	20.00	ng	0.00
75) Chrysene-d12	14.14	240	183989	20.00	ng	0.00
86) Perylene-d12	15.68	264	137417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	100057	27.17	ng	0.00
7) Phenol-d6	6.57	99	125766	27.35	ng	0.00
23) Nitrobenzene-d5	7.50	82	74449	17.24	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	26455	21.00	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	147271	9.90	ng	0.00
78) Terphenyl-d14	13.06	244	142682	18.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	9906	3.268	ng	Qvalue # 74
25) Isophorone	7.50	82	74449	9.786	ng	# 64
49) Dimethylphthalate	9.68	163	30446	3.735	ng	98
50) 2,6-Dinitrotoluene	9.98	165	14425	8.357	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	14425	6.403	ng	# 21

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

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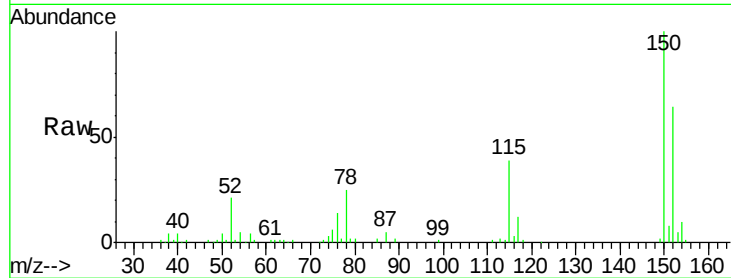




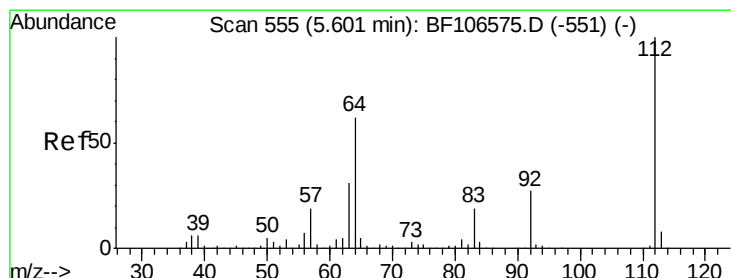
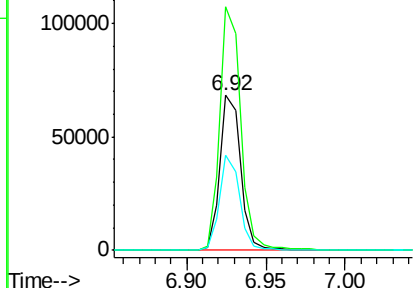
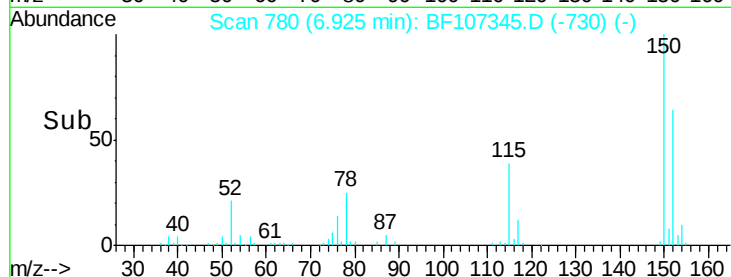
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF107345.D
 Acq: 12 Jul 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-071018-B

Tgt Ion:152 Resp: 62355
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 61.0 50.1 75.1

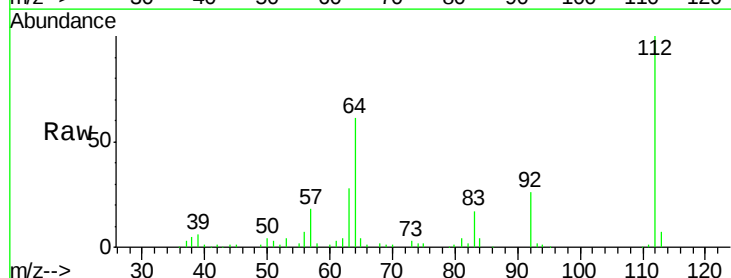


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

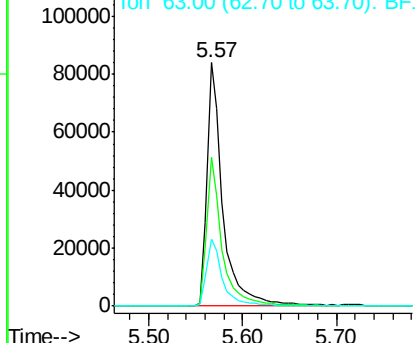
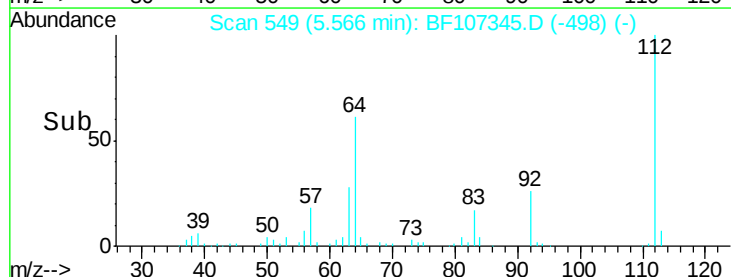


#5
 2-Fluorophenol
 Concen: 27.172 ng
 RT: 5.57 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF107345.D
 Acq: 12 Jul 2018 18:01

Tgt Ion:112 Resp: 100057
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.9 71.9
 63 27.7 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: 27.349 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF107345.D

Acq: 12 Jul 2018 18:01

Instrument :

BNA_F

ClientSampleId :

EO-01-071018-B

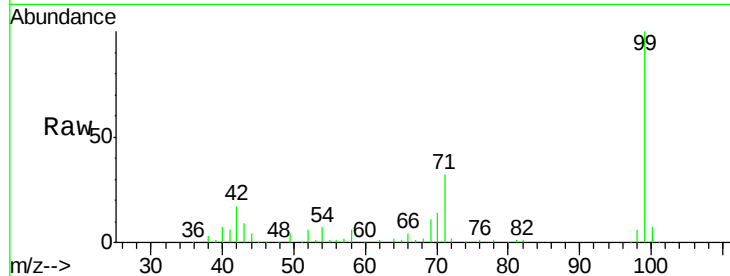
Tgt Ion: 99 Resp: 125766

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

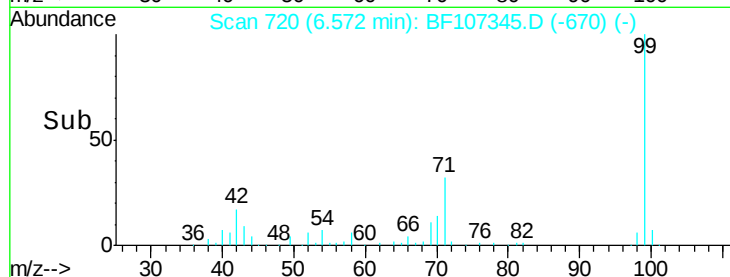
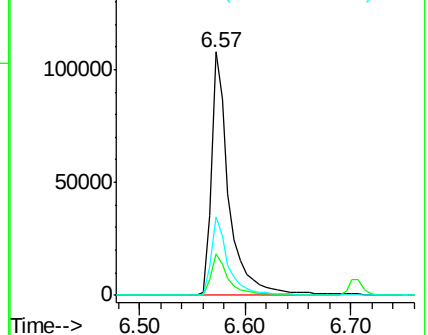
71 32.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.268 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107345.D

Acq: 12 Jul 2018 18:01

Tgt Ion: 70 Resp: 9906

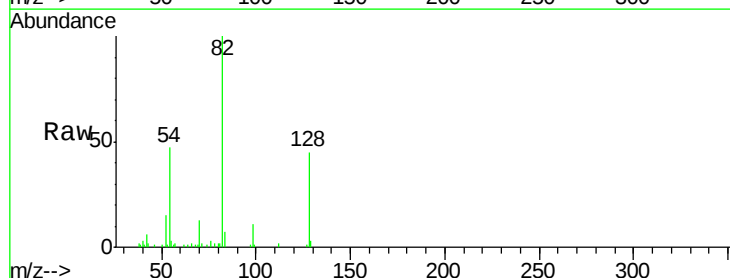
Ion Ratio Lower Upper

70 100

42 44.8 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

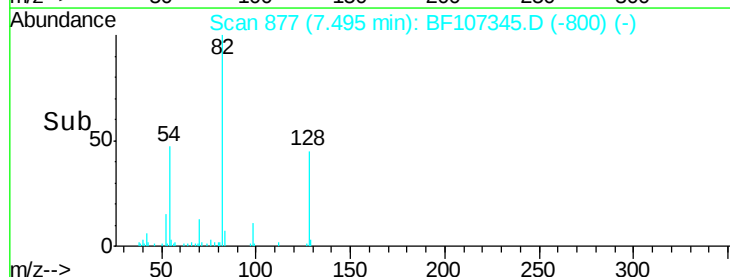
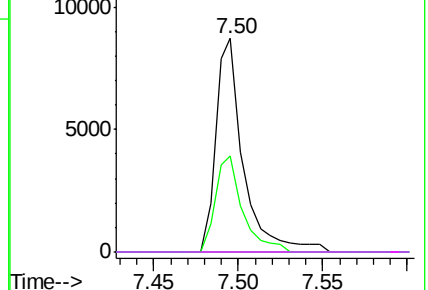


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

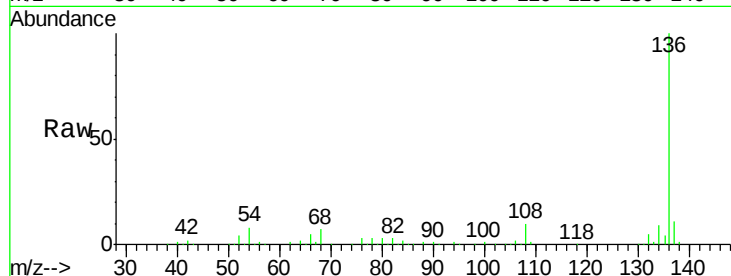




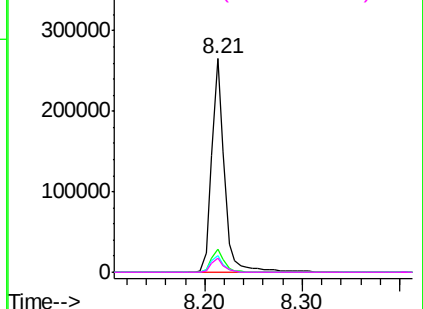
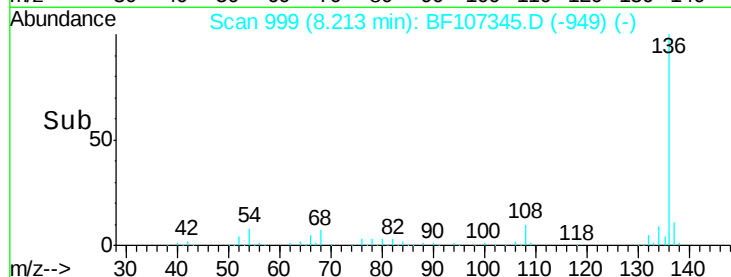
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107345.D
Acq: 12 Jul 2018 18:01

Instrument :
BNA_F
ClientSampleId :
EO-01-071018-B

Tgt Ion:	136	Resp:	239934
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.7	6.6	9.8
68	6.5	5.0	7.4

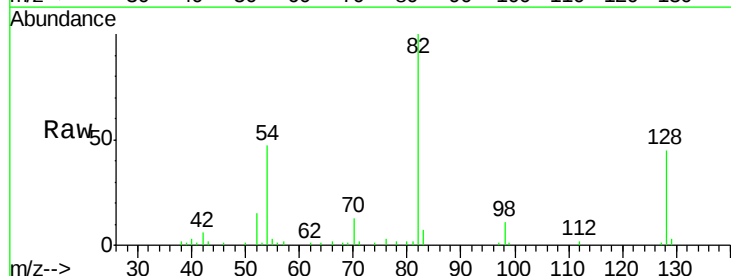


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

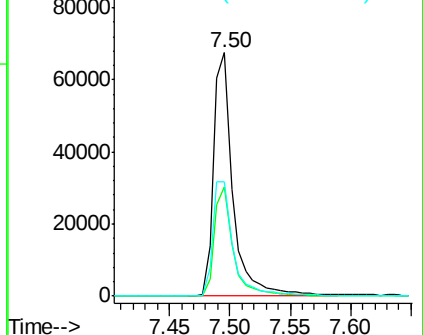
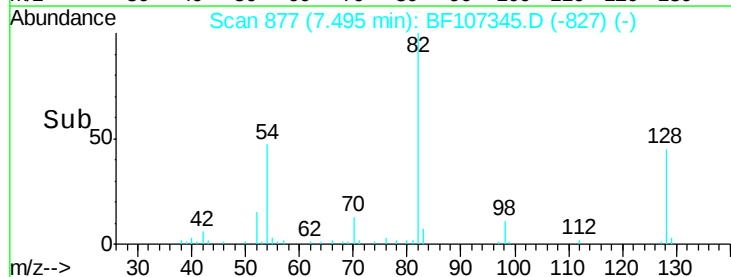


#23
Nitrobenzene-d5
Concen: 17.244 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107345.D
Acq: 12 Jul 2018 18:01

Tgt Ion:	82	Resp:	74449
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	47.0	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

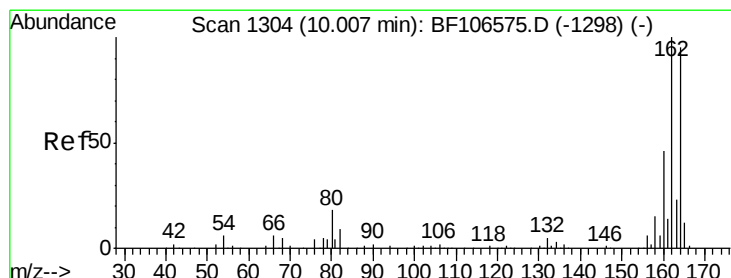
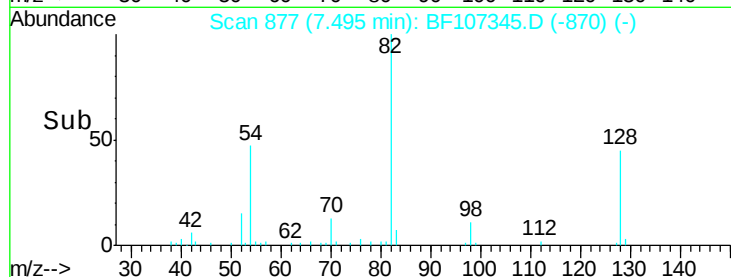
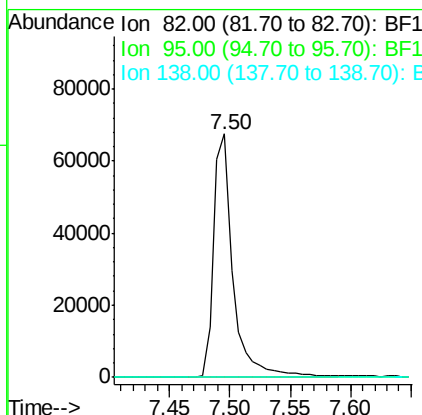
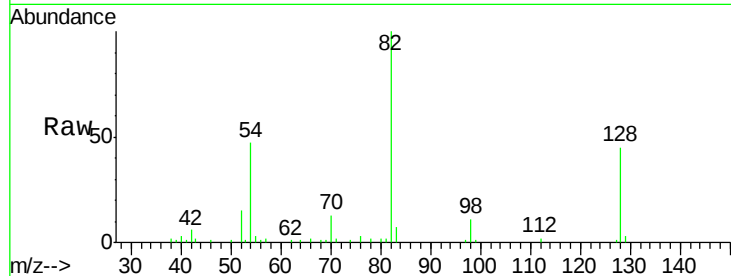




#25
Isophorone
Concen: 9.786 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.26 min
Lab File: BF107345.D
Acq: 12 Jul 2018 18:01

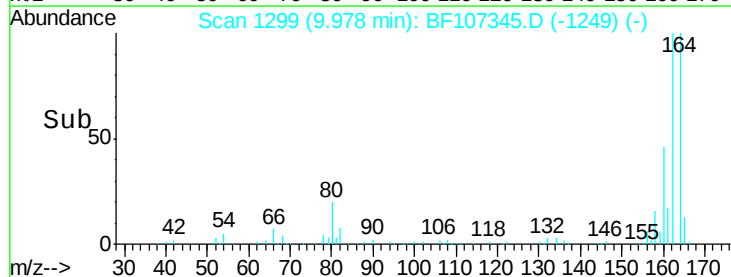
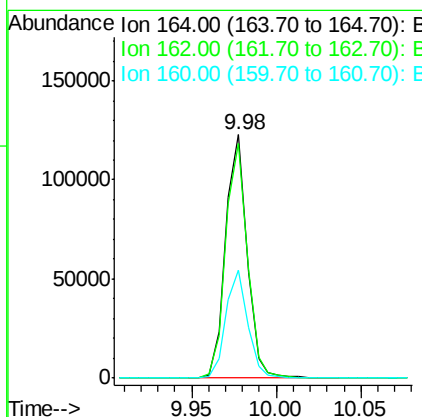
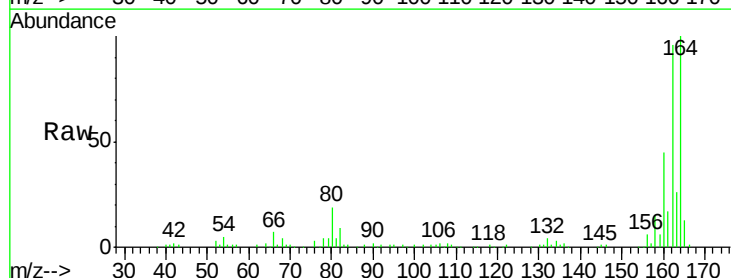
Instrument :
BNA_F
ClientSampleId :
EO-01-071018-B

Tgt Ion: 82 Resp: 74449
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107345.D
Acq: 12 Jul 2018 18:01

Tgt Ion: 164 Resp: 108683
Ion Ratio Lower Upper
164 100
162 96.5 86.1 129.1
160 44.5 38.3 57.5

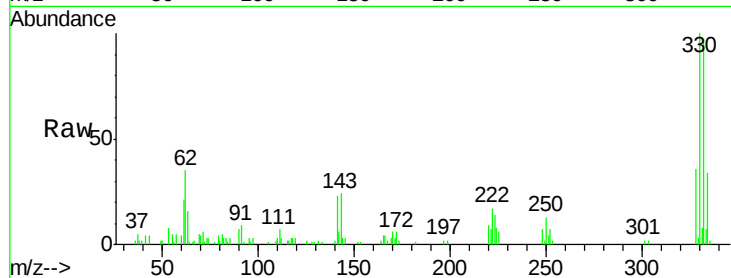




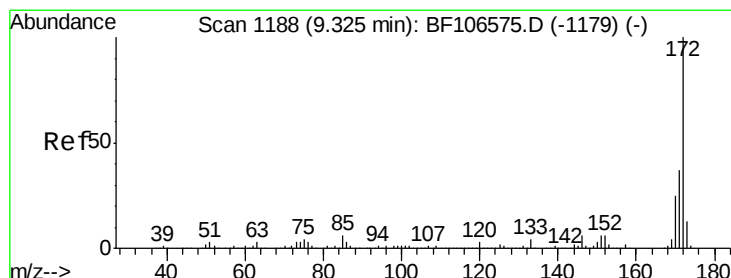
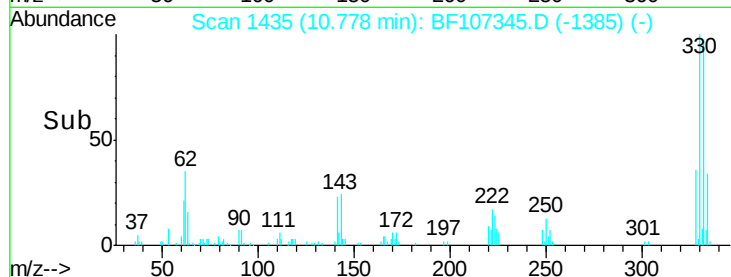
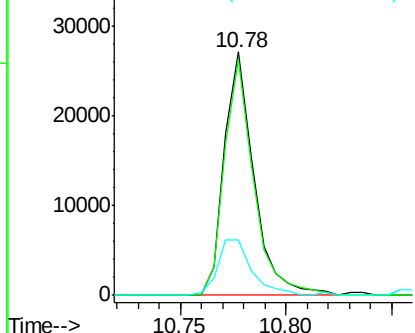
#41
 2,4,6-Tribromophenol
 Concen: 21.002 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107345.D
 Acq: 12 Jul 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-071018-B

Tgt Ion:330 Resp: 26455
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 26.5 29.9 44.9#

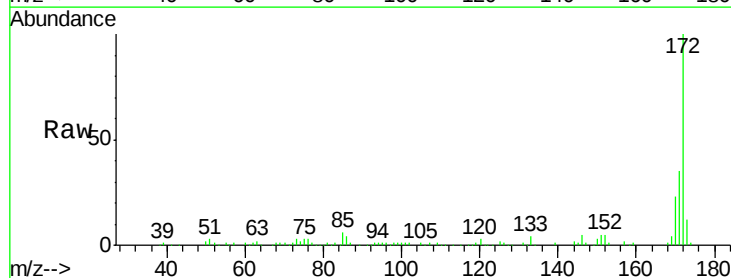


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

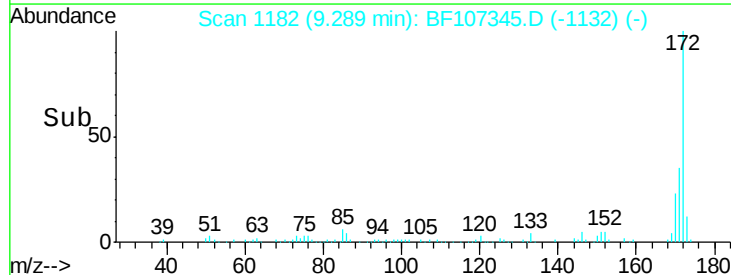
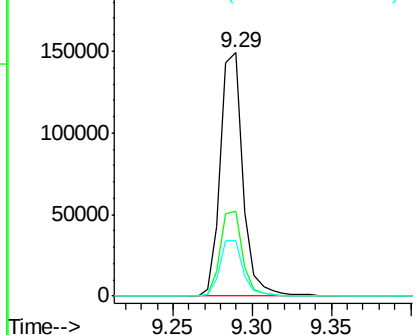


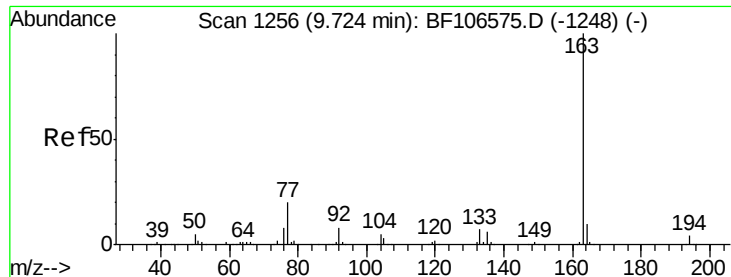
#44
 2-Fluorobiphenyl
 Concen: 9.903 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107345.D
 Acq: 12 Jul 2018 18:01

Tgt Ion:172 Resp: 147271
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 22.9 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

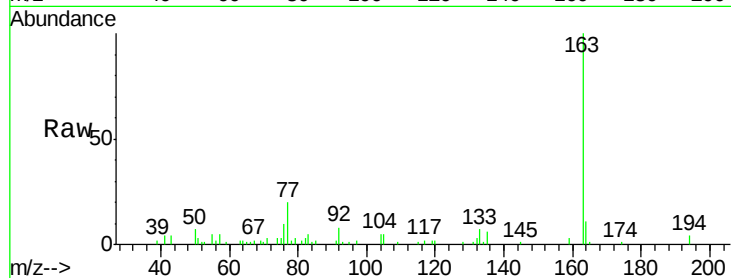




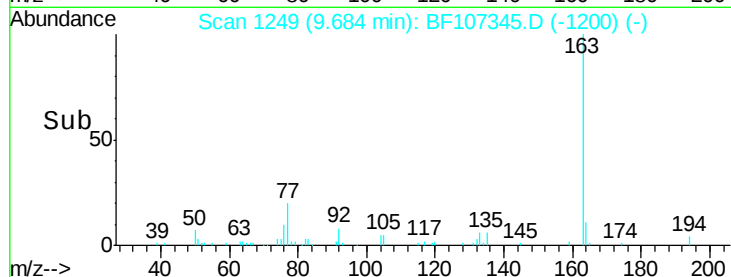
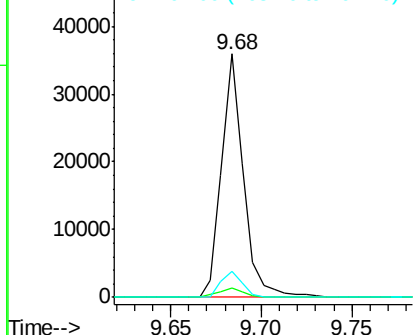
#49
Dimethylphthalate
Concen: 3.735 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107345.D
Acq: 12 Jul 2018 18:01

Instrument :
BNA_F
ClientSampleId :
EO-01-071018-B

Tgt Ion:163 Resp: 30446
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.8 8.2 12.2

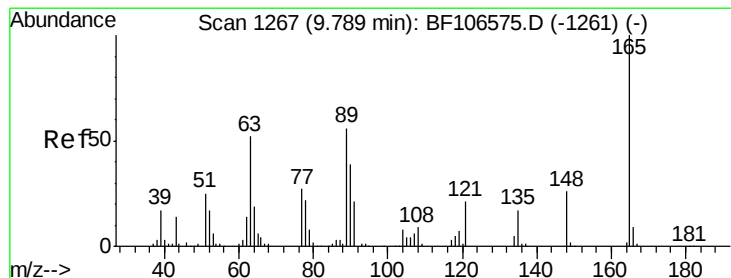


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

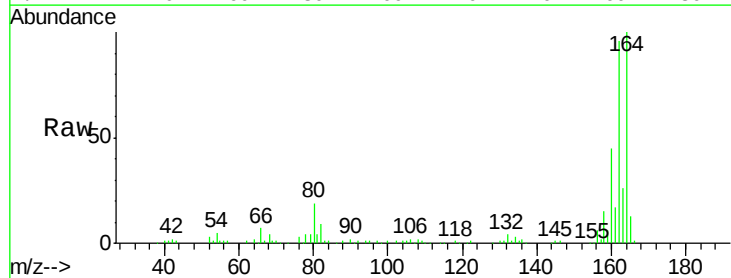
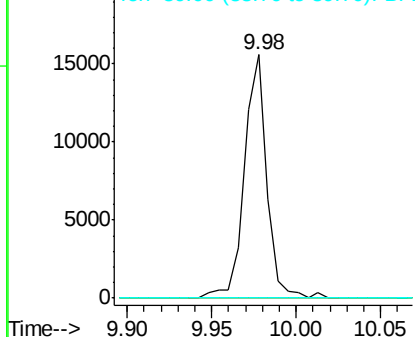


#50
2,6-Dinitrotoluene
Concen: 8.357 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.21 min
Lab File: BF107345.D
Acq: 12 Jul 2018 18:01

Tgt Ion:165 Resp: 14425
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

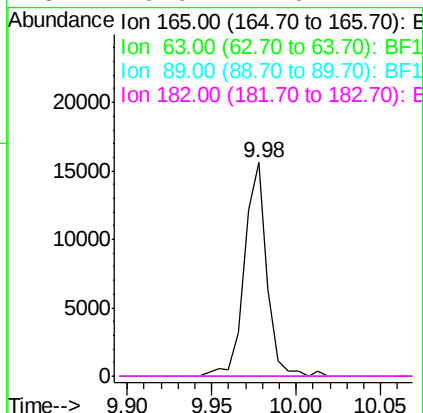
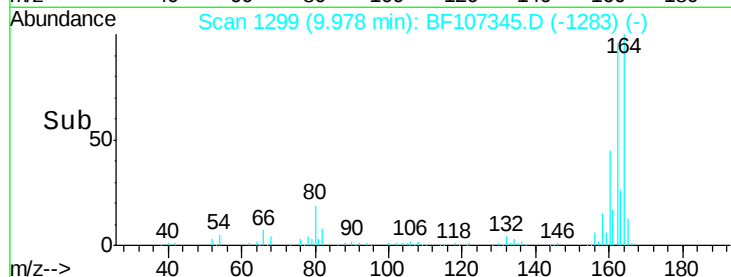
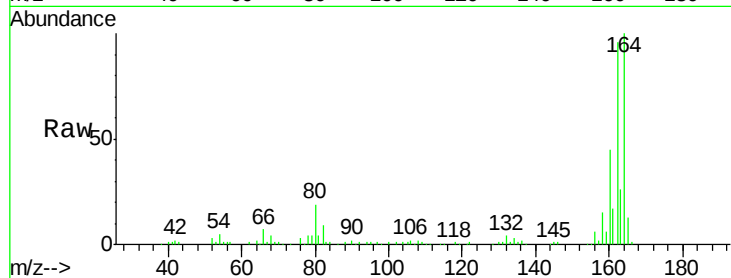




#56
2,4-Dinitrotoluene
Concen: 6.403 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107345.D
Acq: 12 Jul 2018 18:01

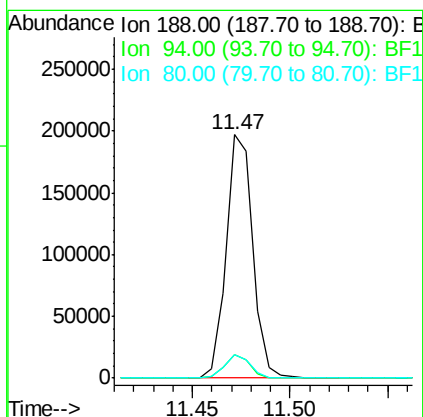
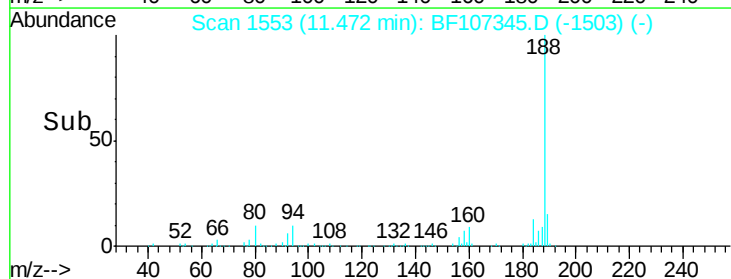
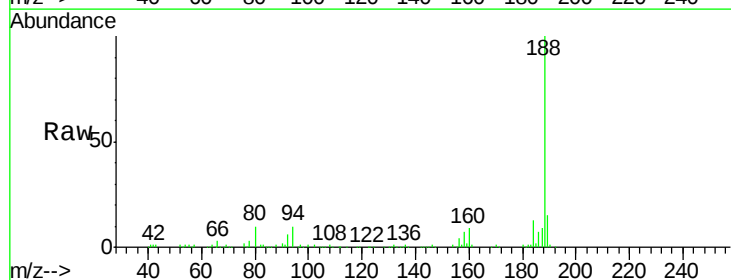
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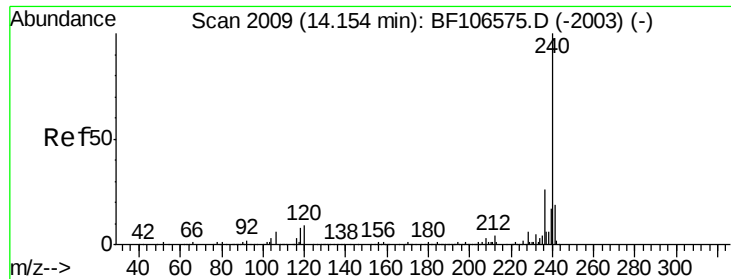
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF107345.D
Acq: 12 Jul 2018 18:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.9	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107345.D

Acq: 12 Jul 2018 18:01

Instrument :

BNA_F

ClientSampleId :

EO-01-071018-B

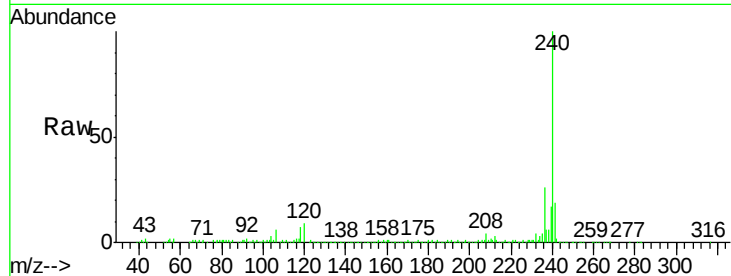
Tgt Ion:240 Resp: 183989

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

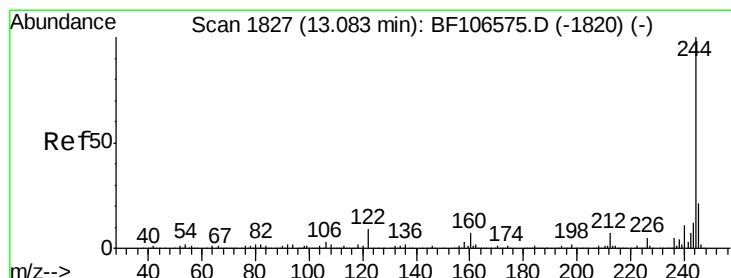
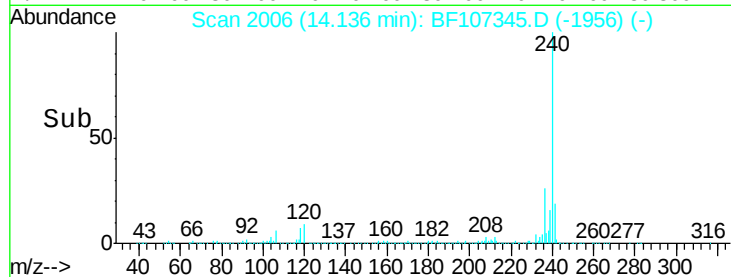
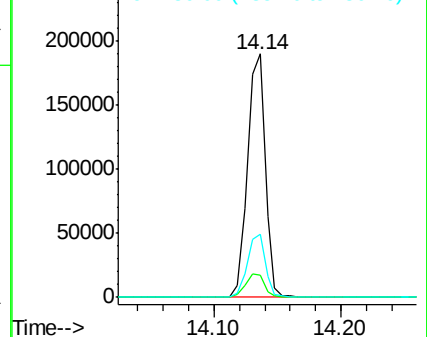
236 26.1 20.7 31.1



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: 18.785 ng

RT: 13.06 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF107345.D

Acq: 12 Jul 2018 18:01

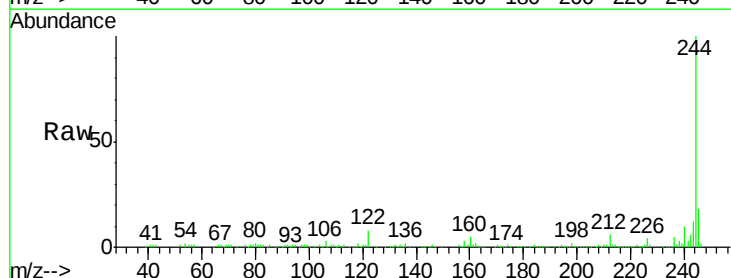
Tgt Ion:244 Resp: 142682

Ion Ratio Lower Upper

244 100

212 5.7 5.4 8.0

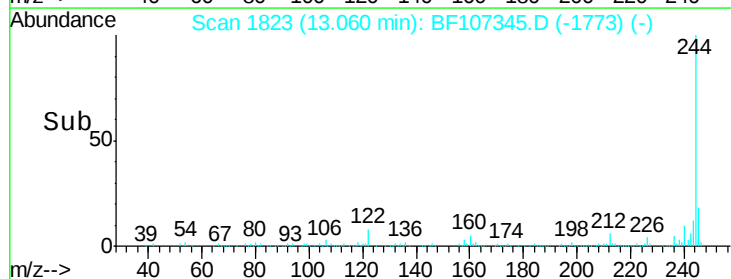
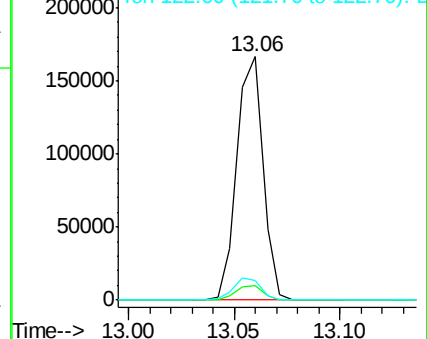
122 7.9 11.0 16.4#

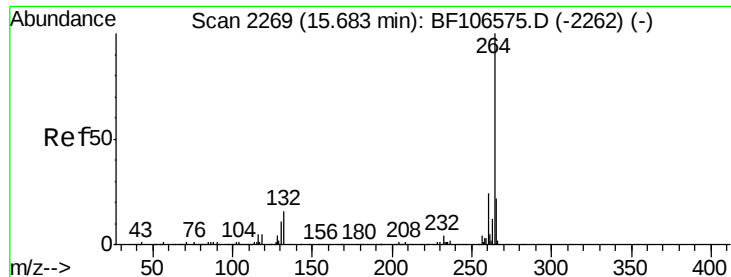


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

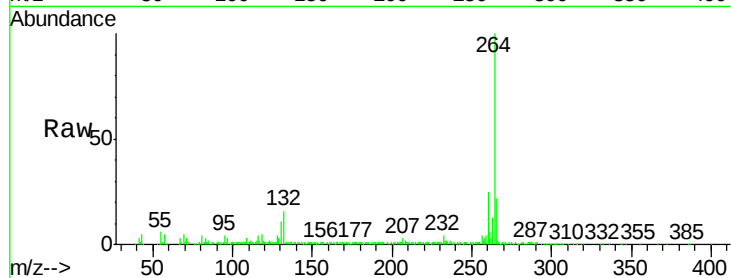




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF107345.D
Acq: 12 Jul 2018 18:01

Instrument :
BNA_F
ClientSampleId :
EO-01-071018-B

Tgt Ion:264 Resp: 137417
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 22.3 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

