

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
 Data File : BF106765.D
 Acq On : 25 Jun 2018 12:25
 Operator : JU/SJ
 Sample : J3627-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26KV-CC-6

Quant Time: Jun 25 13:51:11 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 22 11:34:03 2018
 Response via : Initial Calibration

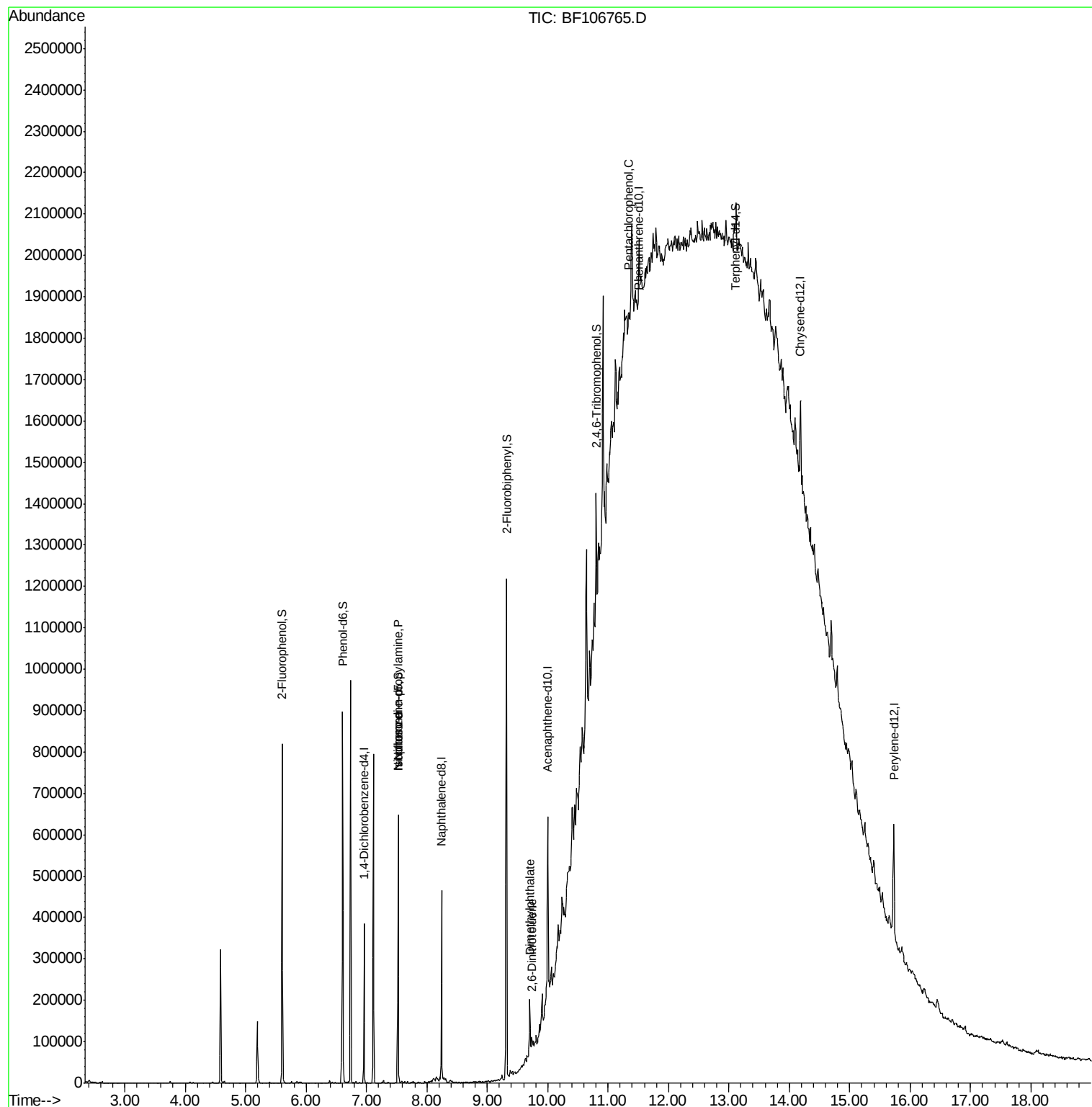
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	50421	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	193137	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	93017	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	87027	20.00	ng	0.01
75) Chrysene-d12	14.19	240	111341	20.00	ng	0.04
86) Perylene-d12	15.73	264	156563	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	240007	80.60	ng	0.00
7) Phenol-d6	6.61	99	315700	84.90	ng	0.00
23) Nitrobenzene-d5	7.52	82	205091	59.01	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	79280	73.54	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	412180	72.91	ng	0.00
78) Terphenyl-d14	13.11	244	172307	37.49	ng	0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	26406	10.773	ng	# 73
25) Isophorone	7.52	82	205089	33.489	ng	# 64
49) Dimethylphthalate	9.71	163	36551	5.239	ng	# 98
50) 2,6-Dinitrotoluene	9.74	165	3011	2.038	ng	# 24
69) Pentachlorophenol	11.33	266	1148	2.117	ng	# 28

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

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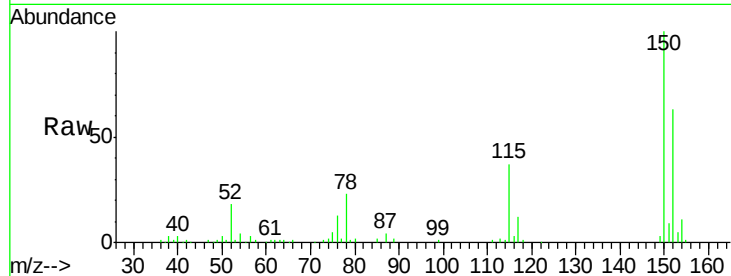




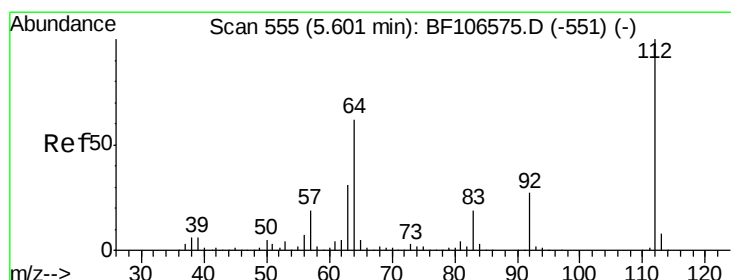
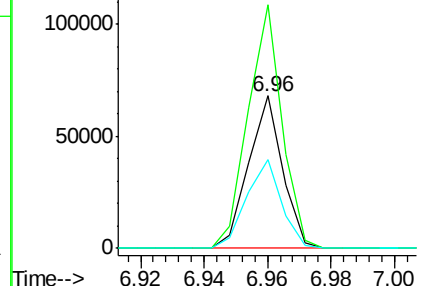
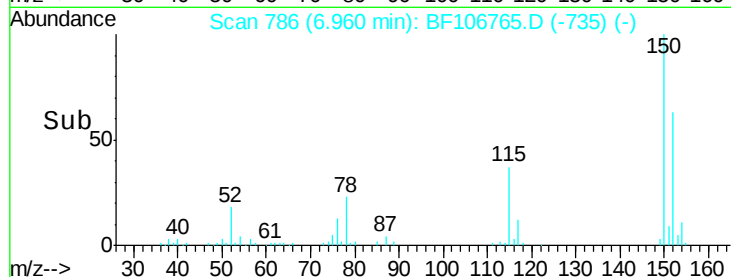
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF106765.D
 Acq: 25 Jun 2018 12:25

Instrument :
 BNA_F
 ClientSampleId :
 26KV-CC-6

Tgt Ion:152 Resp: 50421
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.6 186.8
 115 58.5 50.1 75.1

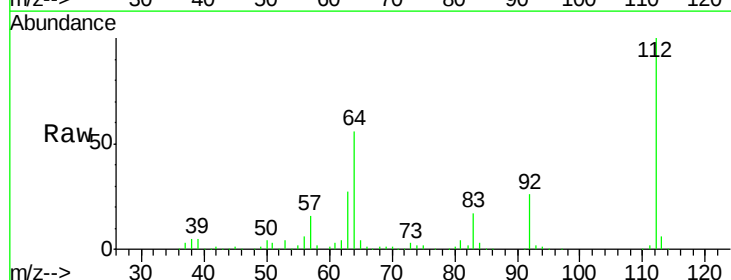


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

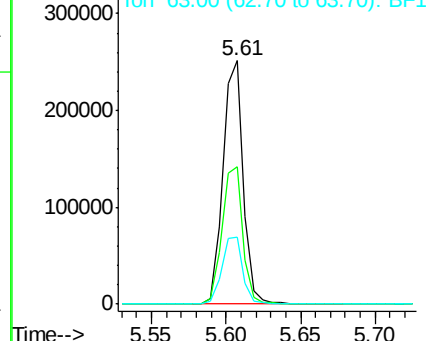
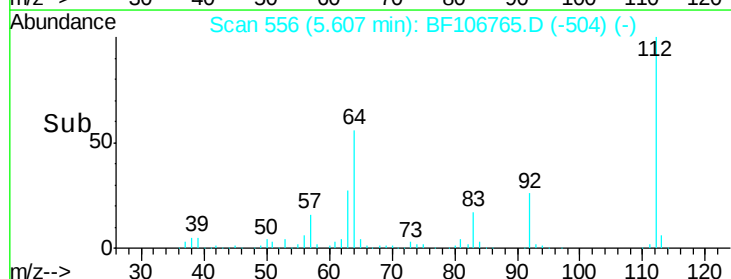


#5
 2-Fluorophenol
 Concen: 80.603 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF106765.D
 Acq: 25 Jun 2018 12:25

Tgt Ion:112 Resp: 240007
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.9 71.9
 63 27.4 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: 84.900 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106765.D

Acq: 25 Jun 2018 12:25

Instrument :

BNA_F

ClientSampleId :

26KV-CC-6

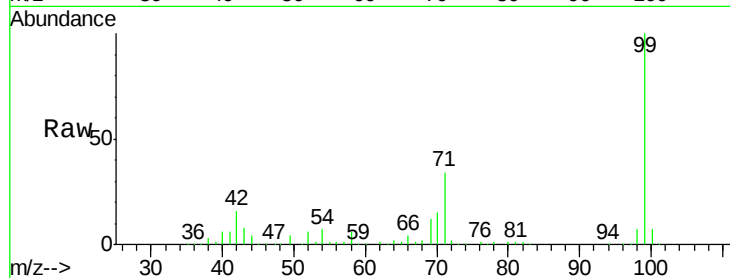
Tgt Ion: 99 Resp: 315700

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

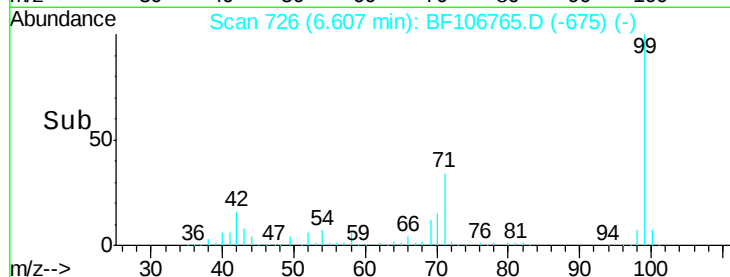
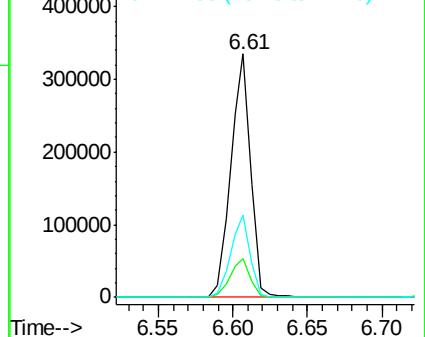
71 34.0 25.4 38.0



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: 10.773 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106765.D

Acq: 25 Jun 2018 12:25

Tgt Ion: 70 Resp: 26406

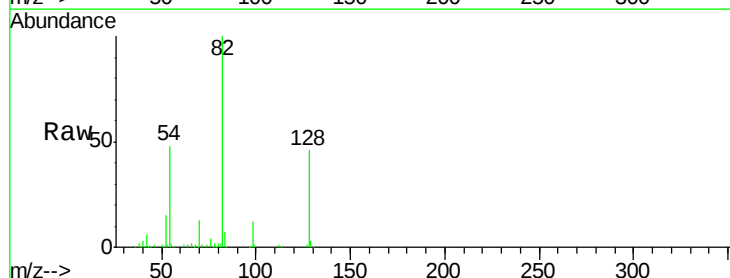
Ion Ratio Lower Upper

70 100

42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 1.6 16.6 25.0#

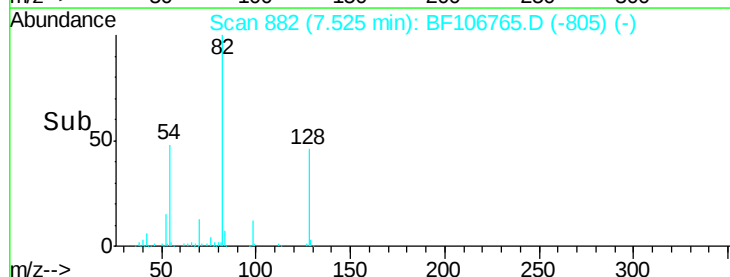
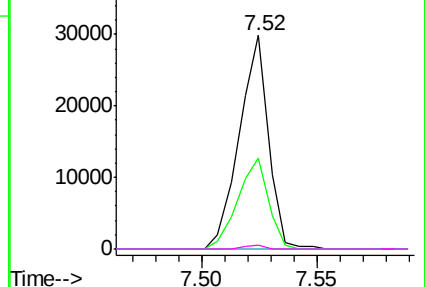


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

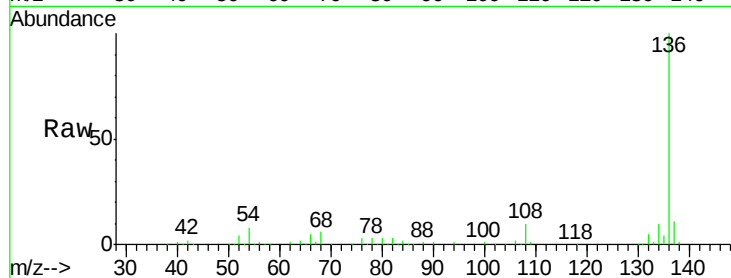




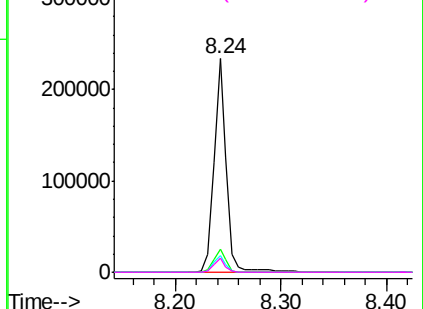
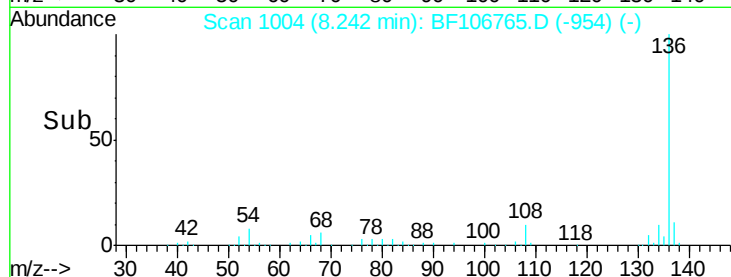
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106765.D
Acq: 25 Jun 2018 12:25

Instrument :
BNA_F
ClientSampleId :
26KV-CC-6

Tgt Ion:	136	Resp:	193137
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.0	6.6	9.8
68	6.4	5.0	7.4

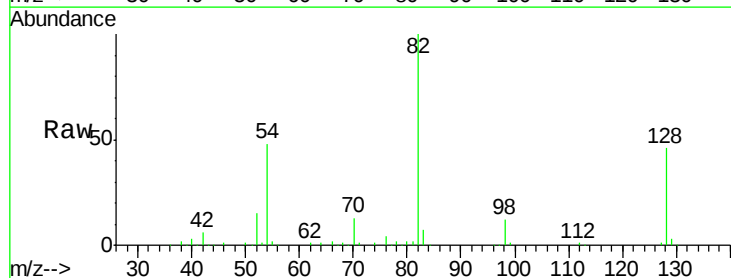


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

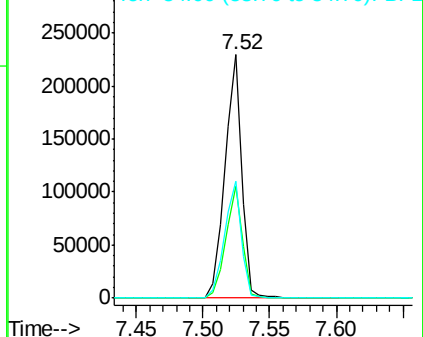
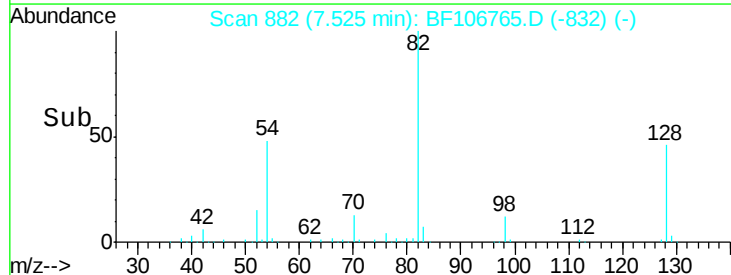


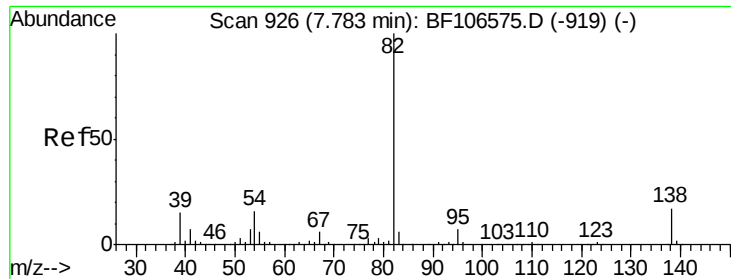
#23
Nitrobenzene-d5
Concen: 59.013 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106765.D
Acq: 25 Jun 2018 12:25

Tgt Ion:	82	Resp:	205091
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	48.0	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: 33.489 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106765.D

Acq: 25 Jun 2018 12:25

Instrument :

BNA_F

ClientSampleId :

26KV-CC-6

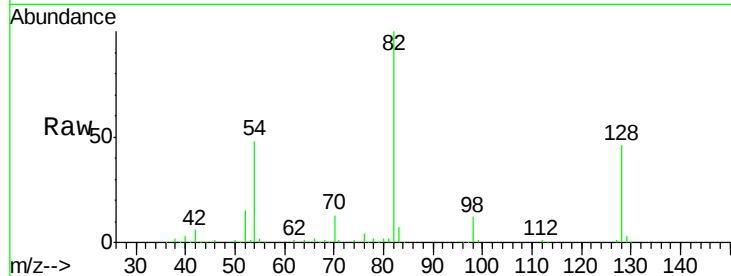
Tgt Ion: 82 Resp: 205089

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

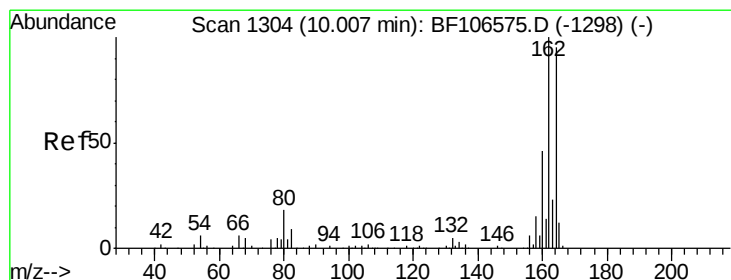
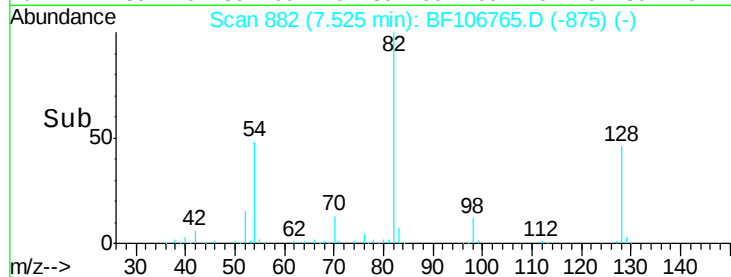
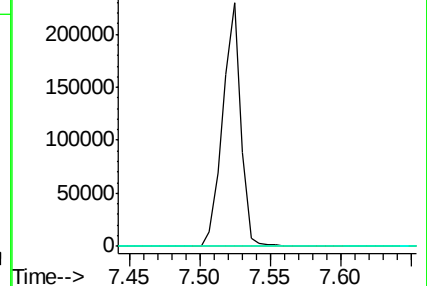
138 0.0 14.9 22.3#



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# 1303

Delta R.T. -0.01 min

Lab File: BF106765.D

Acq: 25 Jun 2018 12:25

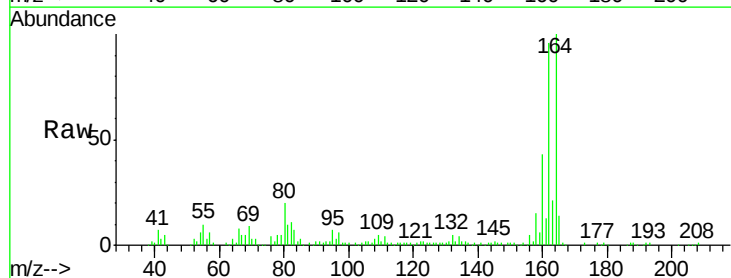
Tgt Ion: 164 Resp: 93017

Ion Ratio Lower Upper

164 100

162 96.2 86.1 129.1

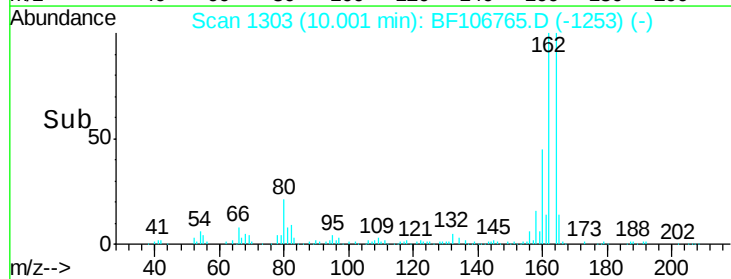
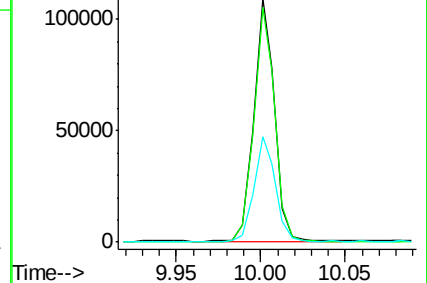
160 43.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

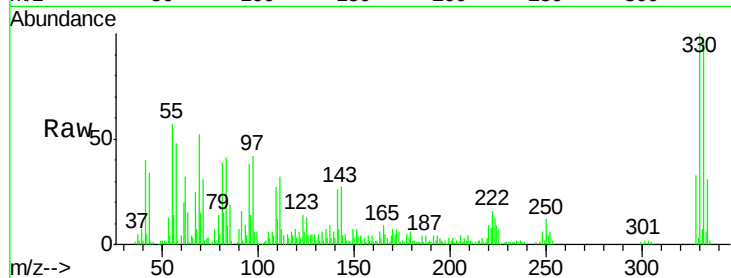




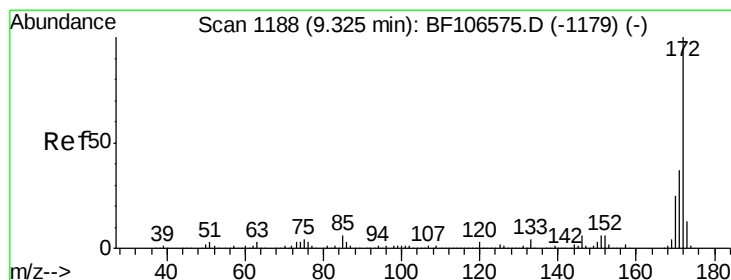
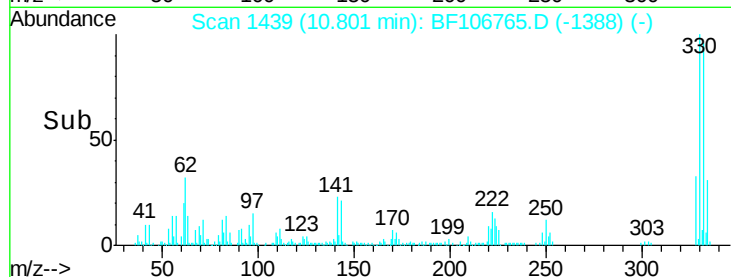
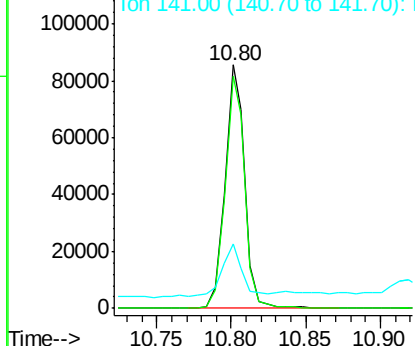
#41
 2,4,6-Tribromophenol
 Concen: 73.537 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF106765.D
 Acq: 25 Jun 2018 12:25

Instrument :
 BNA_F
 ClientSampleId :
 26KV-CC-6

Tgt Ion:330 Resp: 79280
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 22.7 29.9 44.9#

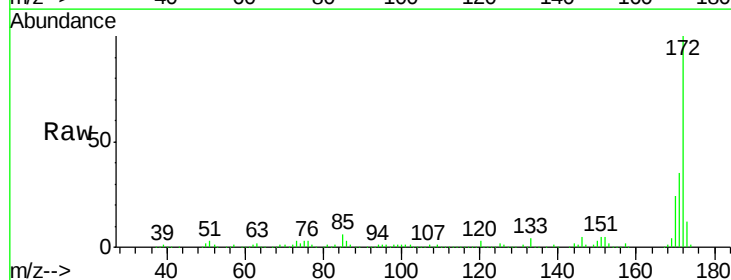


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

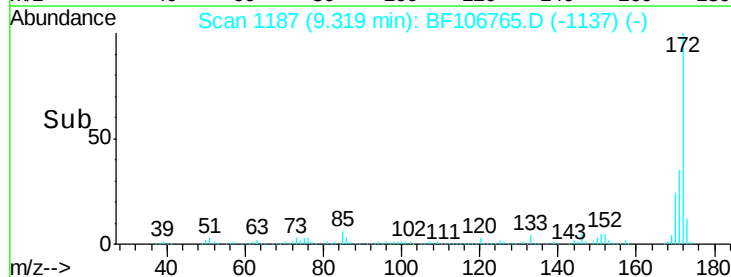
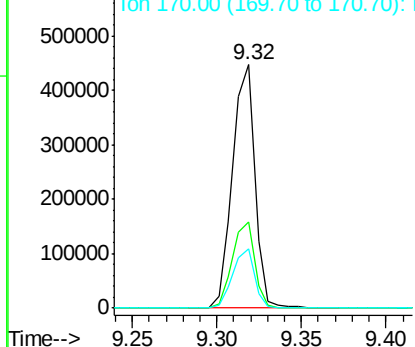


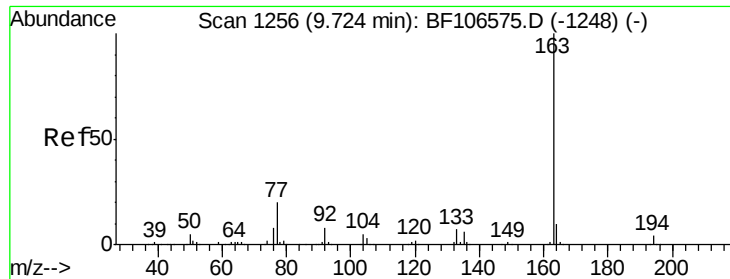
#44
 2-Fluorobiphenyl
 Concen: 72.905 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106765.D
 Acq: 25 Jun 2018 12:25

Tgt Ion:172 Resp: 412180
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.1 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: 5.239 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106765.D

Acq: 25 Jun 2018 12:25

Instrument :

BNA_F

ClientSampleId :

26KV-CC-6

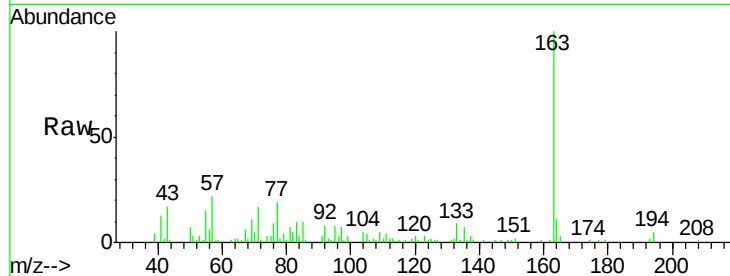
Tgt Ion:163 Resp: 36551

Ion Ratio Lower Upper

163 100

194 4.6 2.7 4.1#

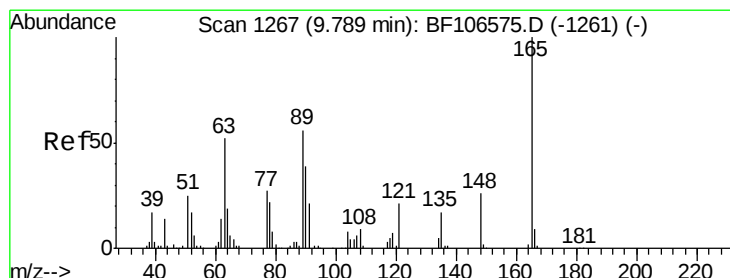
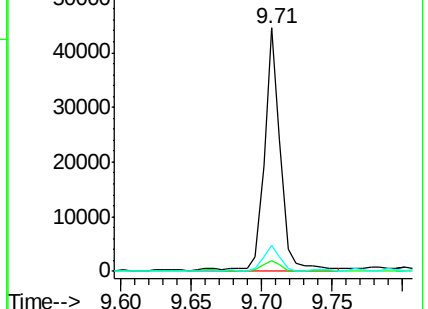
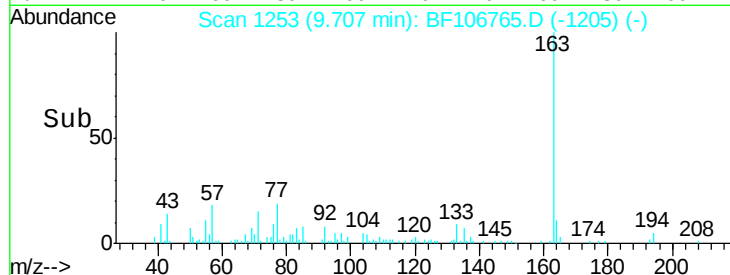
164 10.7 8.2 12.2



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: 2.038 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.05 min

Lab File: BF106765.D

Acq: 25 Jun 2018 12:25

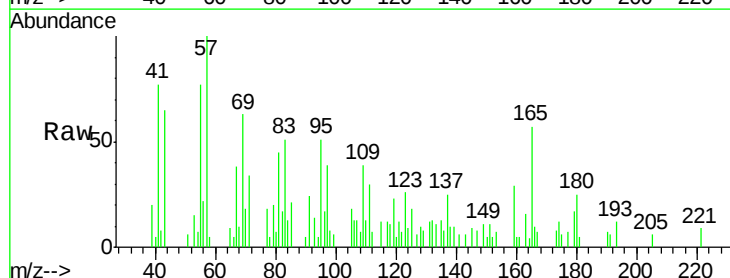
Tgt Ion:165 Resp: 3011

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

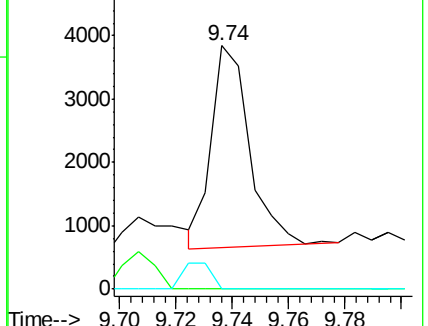
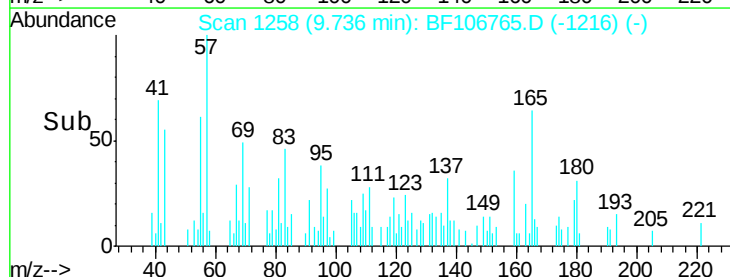
89 0.0 44.0 66.0#

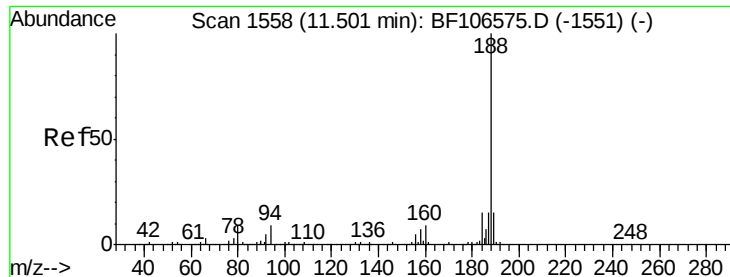


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BF106765.D

Acq: 25 Jun 2018 12:25

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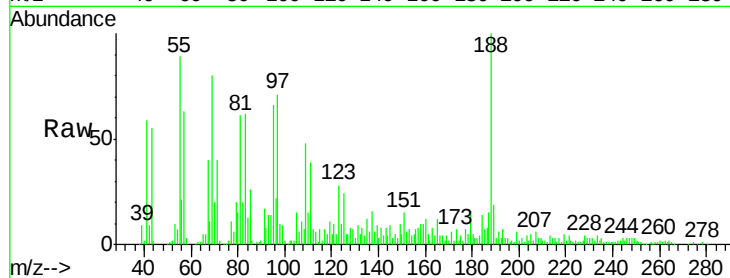
Tgt Ion:188 Resp: 87027

Ion Ratio Lower Upper

188 100

94 14.0 8.5 12.7#

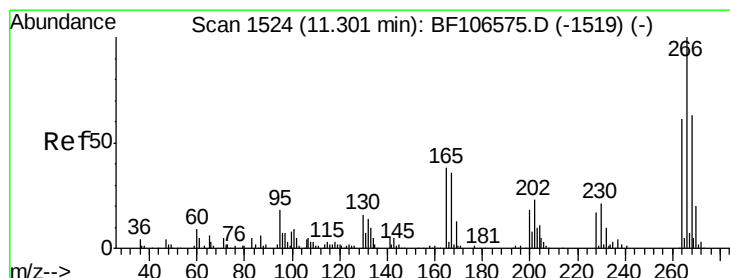
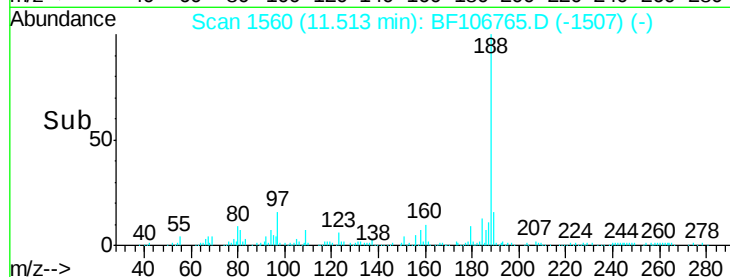
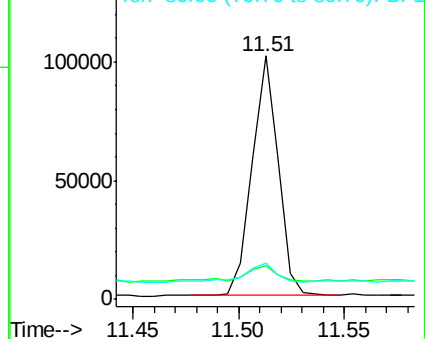
80 14.9 9.2 13.8#



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



#69

Pentachlorophenol

Concen: 2.117 ng

RT: 11.33 min Scan# 1529

Delta R.T. 0.03 min

Lab File: BF106765.D

Acq: 25 Jun 2018 12:25

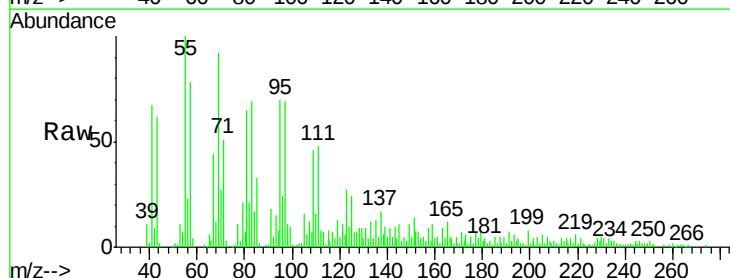
Tgt Ion:266 Resp: 1148

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

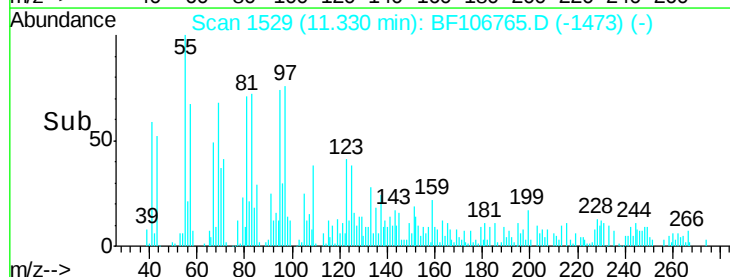
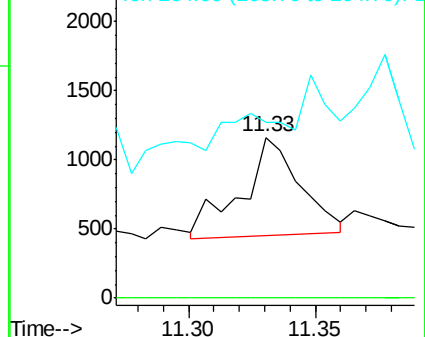
264 109.6 49.5 74.3#

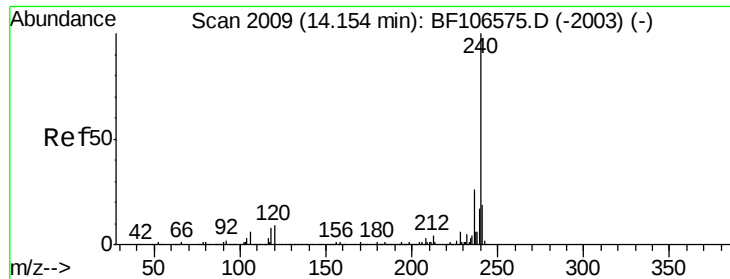


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. 0.04 min

Lab File: BF106765.D

Acq: 25 Jun 2018 12:25

Instrument :

BNA_F

ClientSampleId :

26KV-CC-6

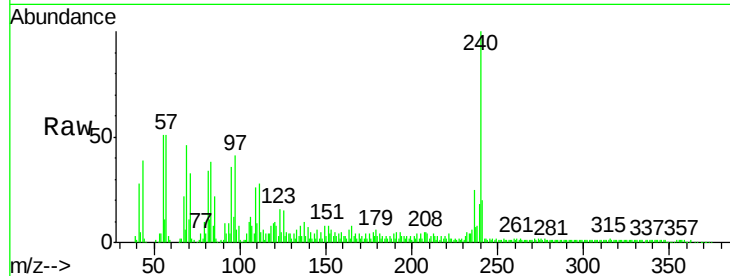
Tgt Ion:240 Resp: 111341

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

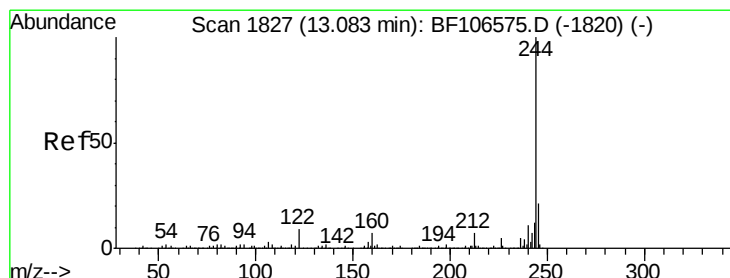
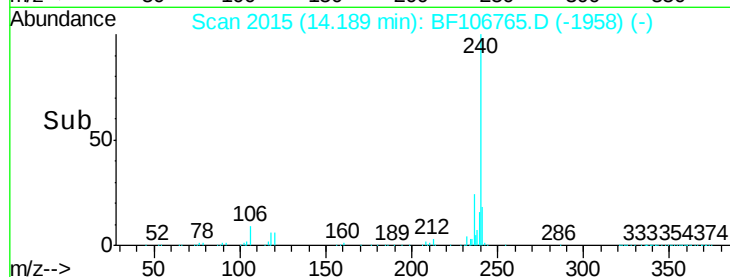
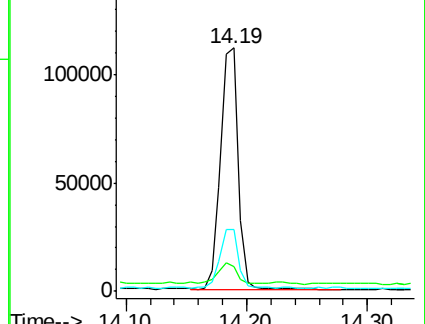
236 25.3 20.7 31.1



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: 37.487 ng

RT: 13.11 min Scan# 1832

Delta R.T. 0.03 min

Lab File: BF106765.D

Acq: 25 Jun 2018 12:25

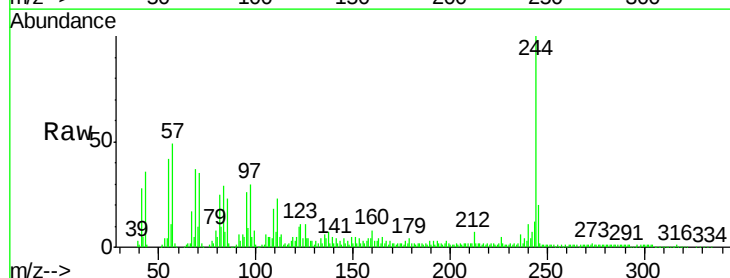
Tgt Ion:244 Resp: 172307

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

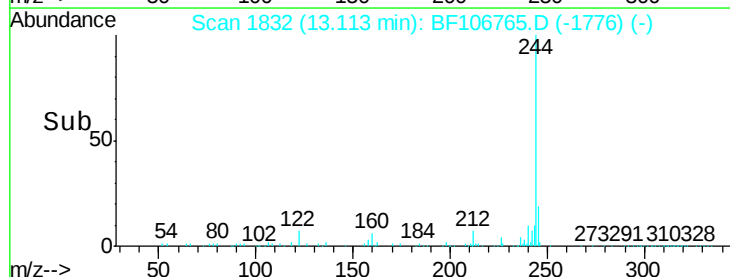
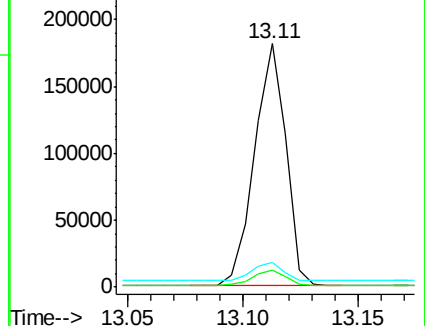
122 10.2 11.0 16.4#

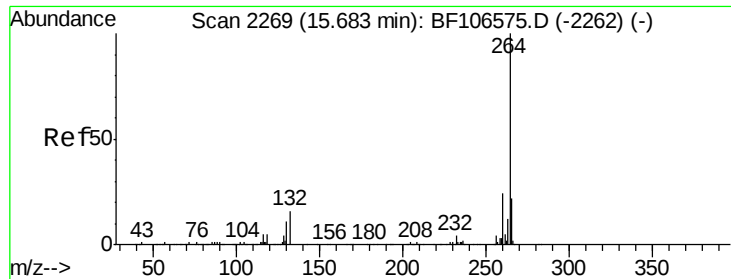


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

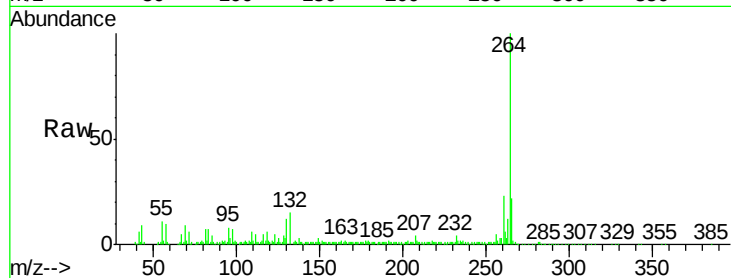




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.73 min Scan# 2277
Delta R.T. 0.04 min
Lab File: BF106765.D
Acq: 25 Jun 2018 12:25

Instrument :
BNA_F
ClientSampleId :
26KV-CC-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.9	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

