

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062518\
 Data File : BF106768.D
 Acq On : 25 Jun 2018 13:43
 Operator : JU/SJ
 Sample : J3627-29
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26KV-CC-15

Quant Time: Jun 25 15:03:19 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

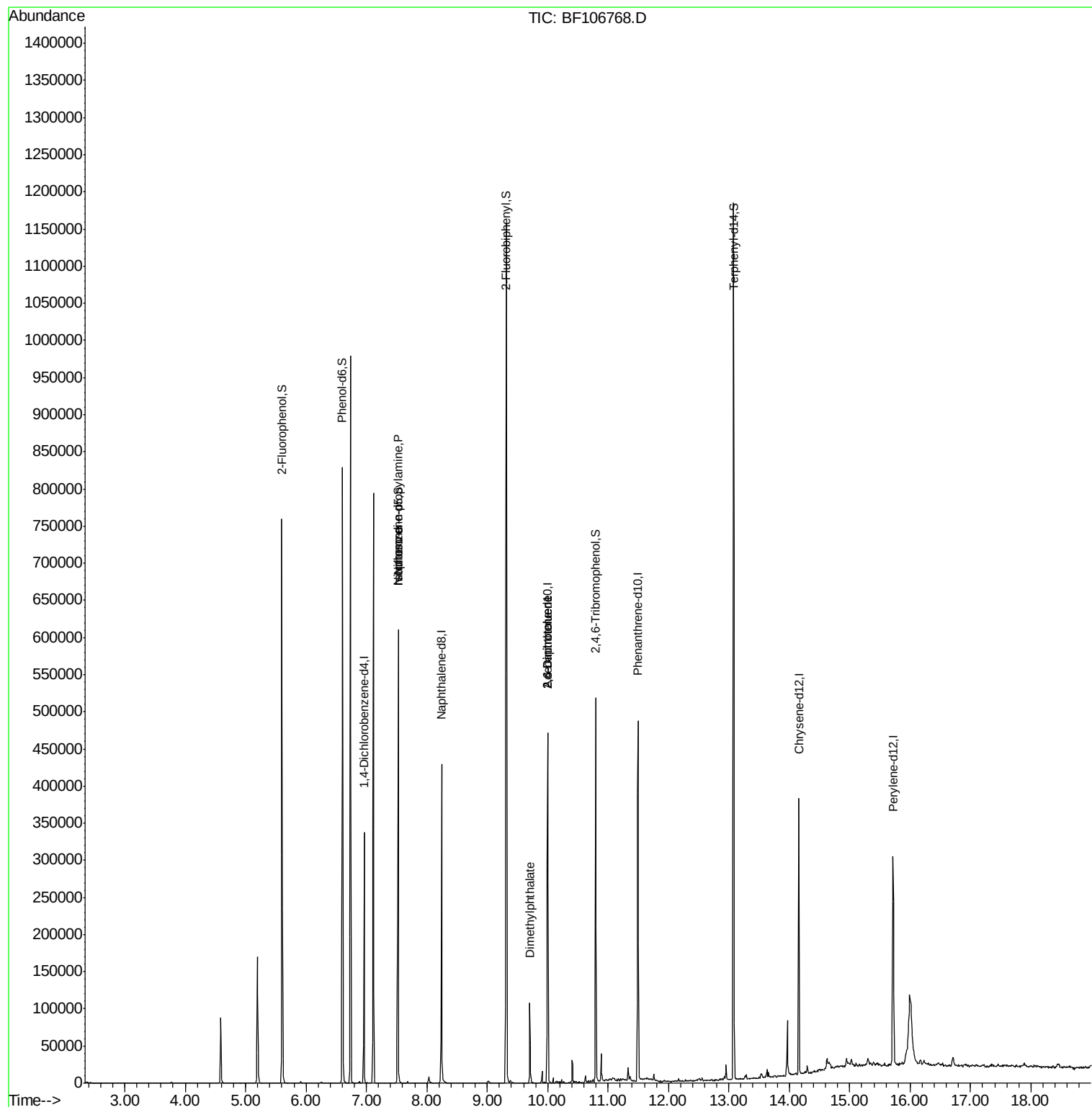
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	47769	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	186263	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	97231	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	186322	20.00	ng	0.00
75) Chrysene-d12	14.16	240	138631	20.00	ng	0.00
86) Perylene-d12	15.72	264	144768	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	230235	81.61	ng	0.00
7) Phenol-d6	6.60	99	306121	86.89	ng	0.00
23) Nitrobenzene-d5	7.52	82	197514	58.93	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	72367	64.22	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	405300	67.52	ng	-0.01
78) Terphenyl-d14	13.08	244	425802	74.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	25348	10.915	ng	# 73
25) Isophorone	7.52	82	197512	33.442	ng	# 64
49) Dimethylphthalate	9.71	163	45739	6.272	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	12078	7.822	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	12078	5.992	ng	# 21

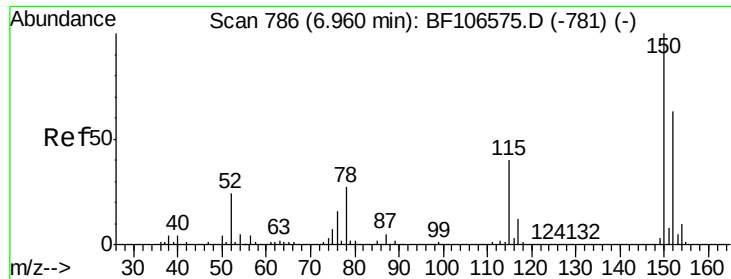
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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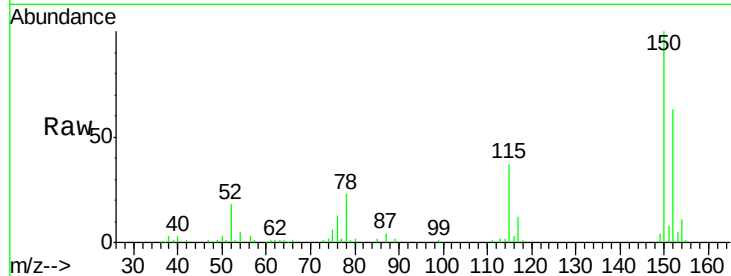


#1

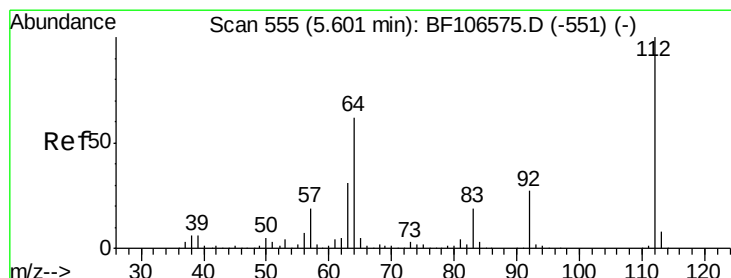
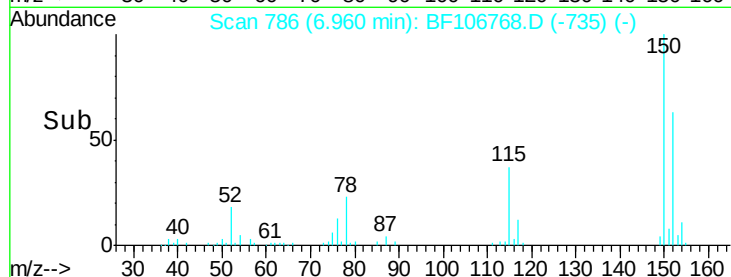
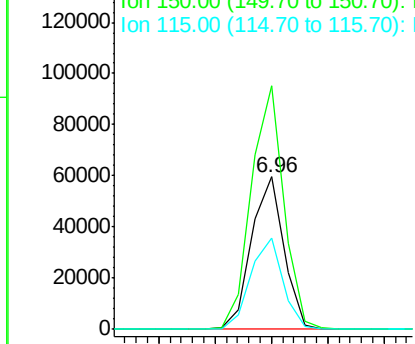
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106768.D
Acq: 25 Jun 2018 13:43

Instrument :
BNA_F
ClientSampleId :
26KV-CC-15

Tgt Ion:152 Resp: 47769
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 59.6 50.1 75.1



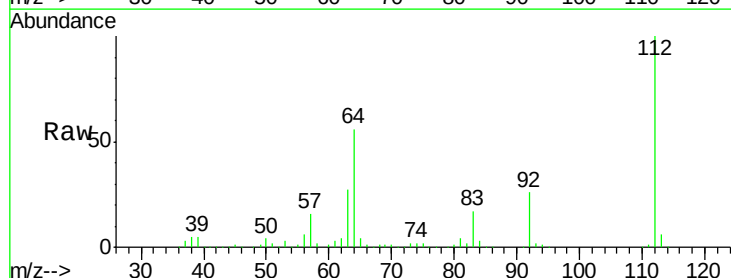
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



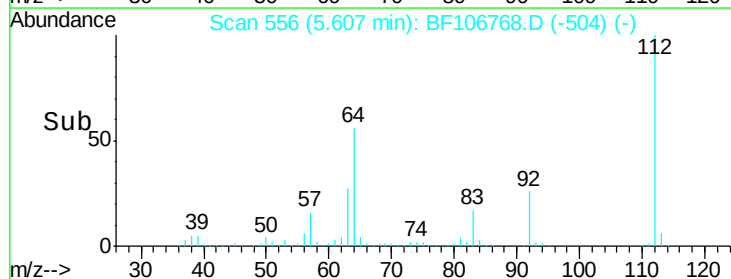
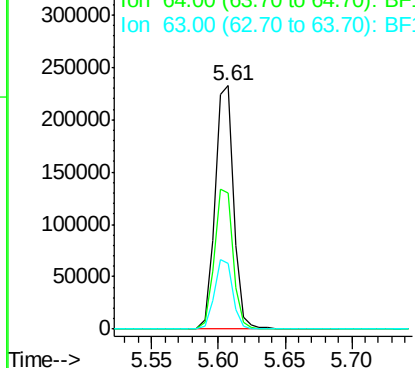
#5

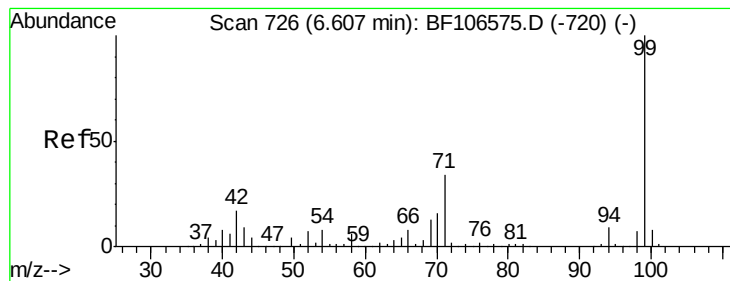
2-Fluorophenol
Concen: 81.614 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106768.D
Acq: 25 Jun 2018 13:43

Tgt Ion:112 Resp: 230235
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 27.1 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: 86.894 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106768.D

Acq: 25 Jun 2018 13:43

Instrument :

BNA_F

ClientSampleId :

26KV-CC-15

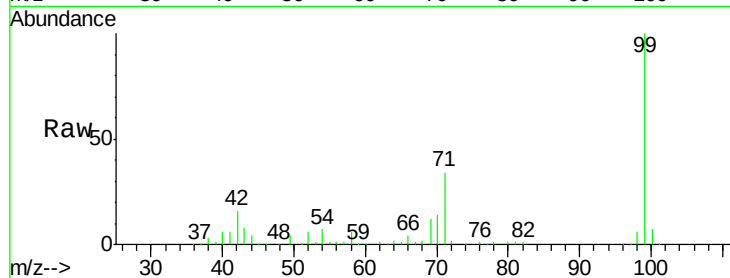
Tgt Ion: 99 Resp: 306121

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

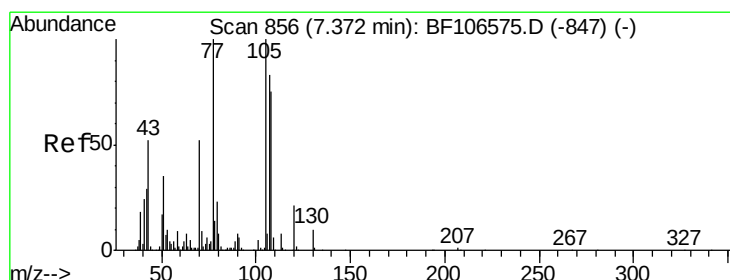
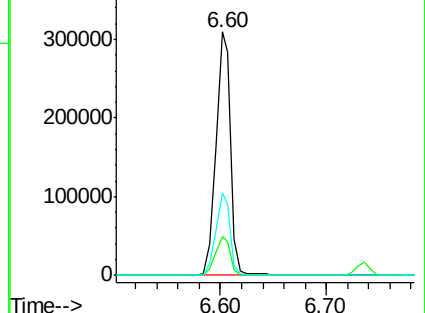
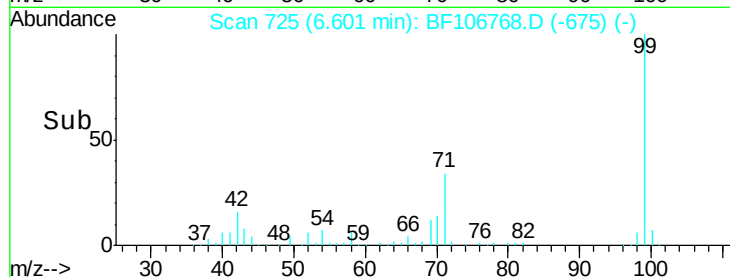
71 34.1 25.4 38.0



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: 10.915 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106768.D

Acq: 25 Jun 2018 13:43

Tgt Ion: 70 Resp: 25348

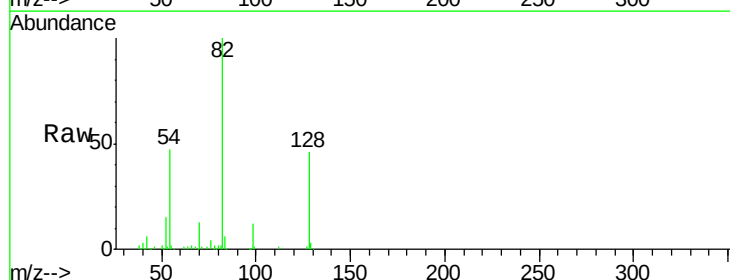
Ion Ratio Lower Upper

70 100

42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

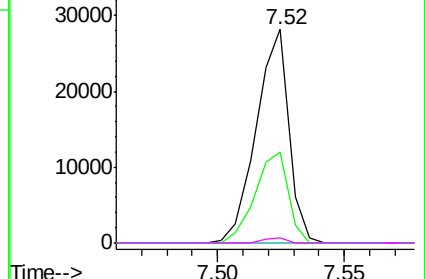
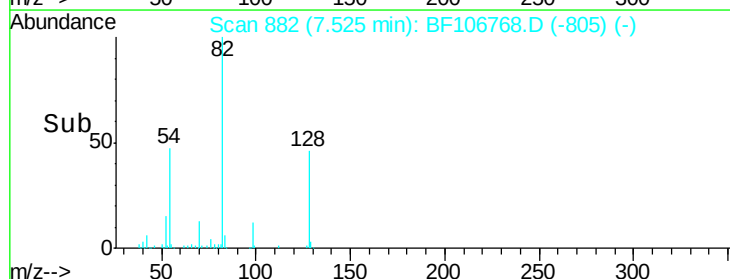


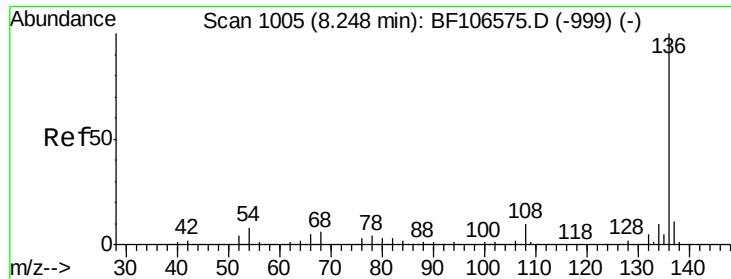
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

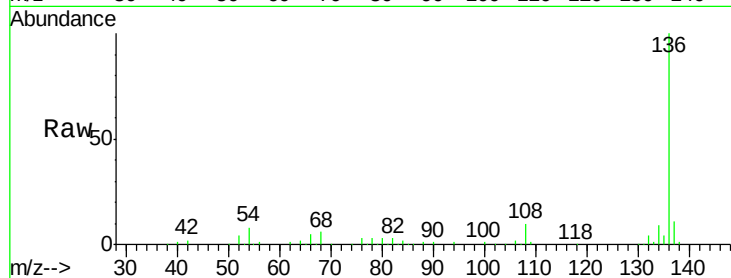




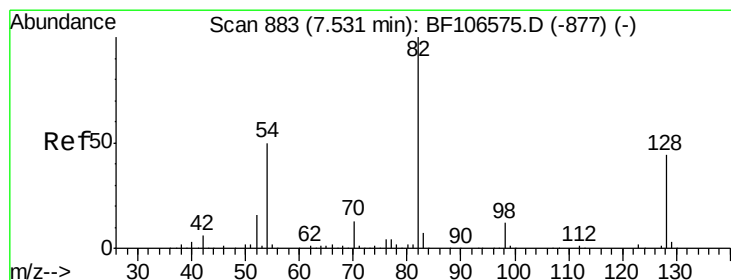
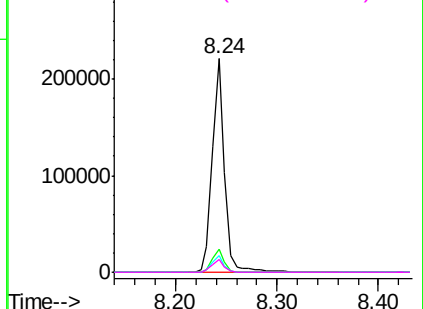
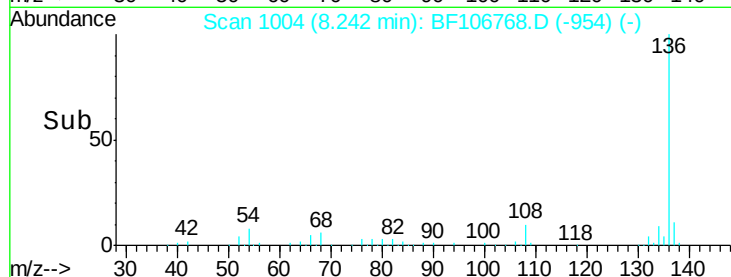
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106768.D
Acq: 25 Jun 2018 13:43

Instrument :
BNA_F
ClientSampleId :
26KV-CC-15

Tgt Ion:	136	Resp:	186263
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.6	6.6	9.8
68	6.0	5.0	7.4

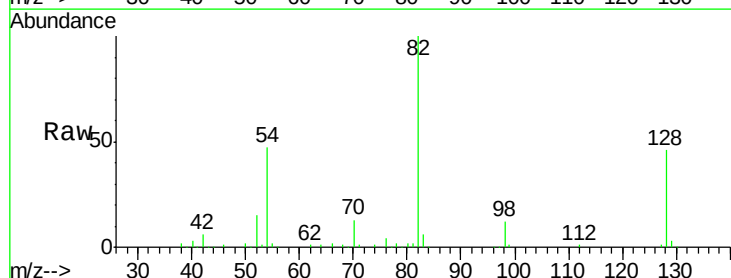


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

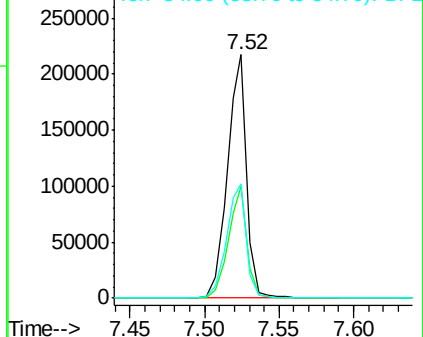
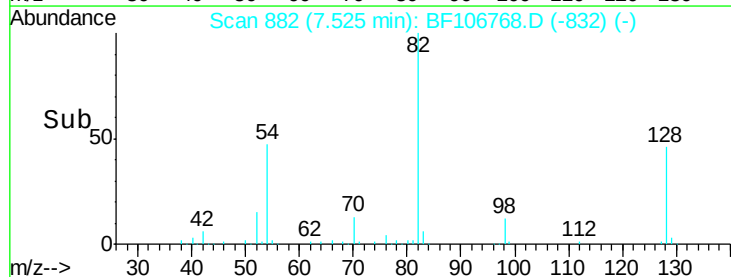


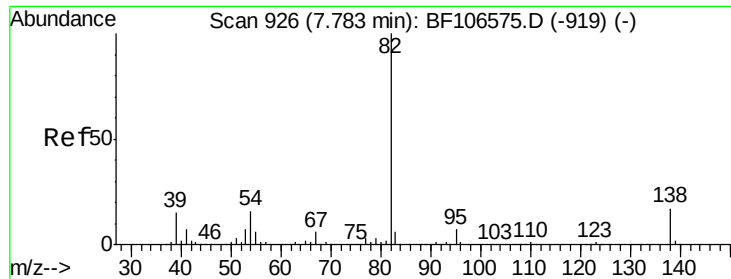
#23
Nitrobenzene-d5
Concen: 58.930 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106768.D
Acq: 25 Jun 2018 13:43

Tgt Ion:	82	Resp:	197514
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	47.2	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: 33.442 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106768.D

Acq: 25 Jun 2018 13:43

Instrument :

BNA_F

ClientSampleId :

26KV-CC-15

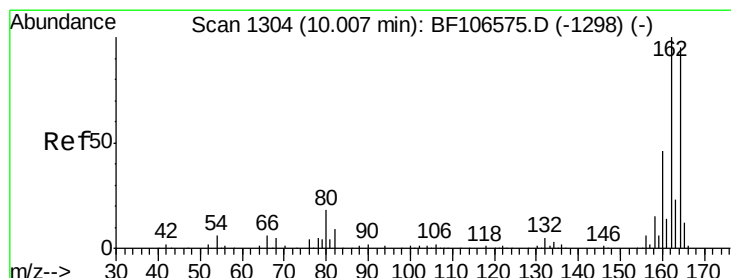
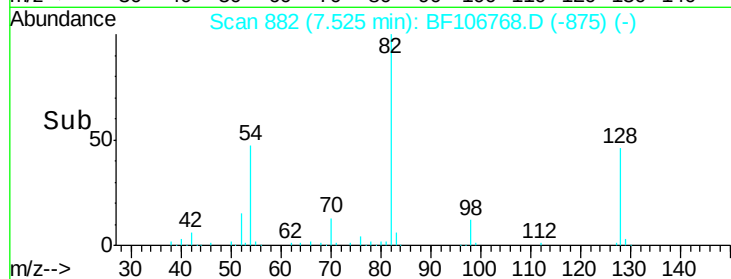
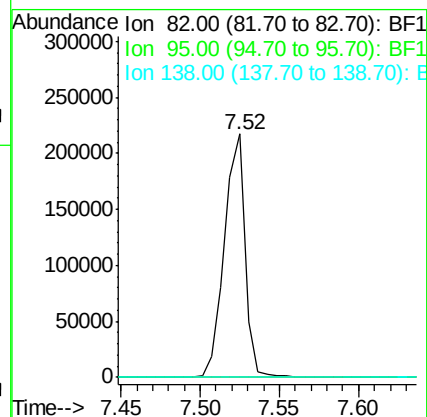
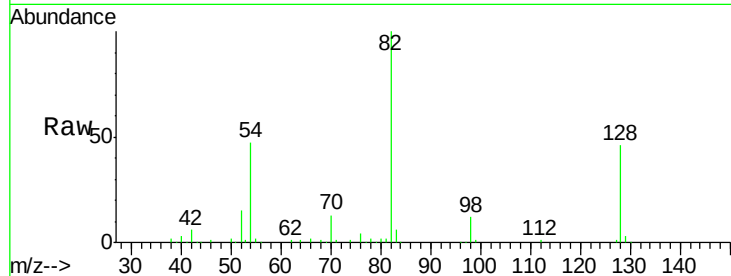
Tgt Ion: 82 Resp: 197512

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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106768.D

Acq: 25 Jun 2018 13:43

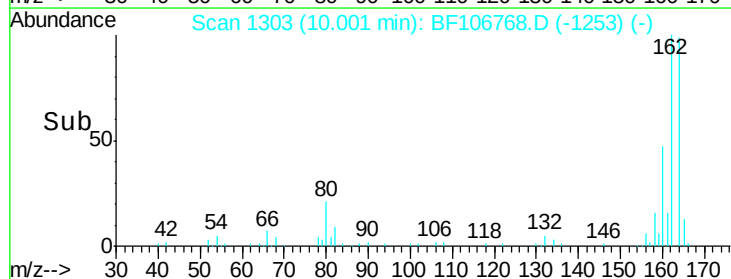
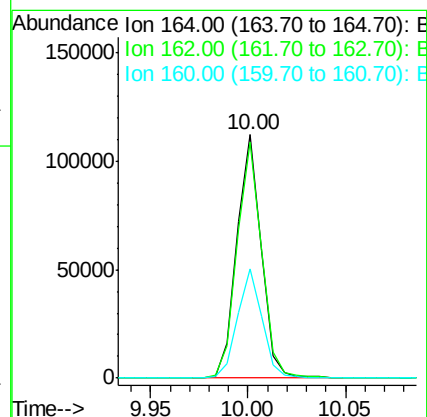
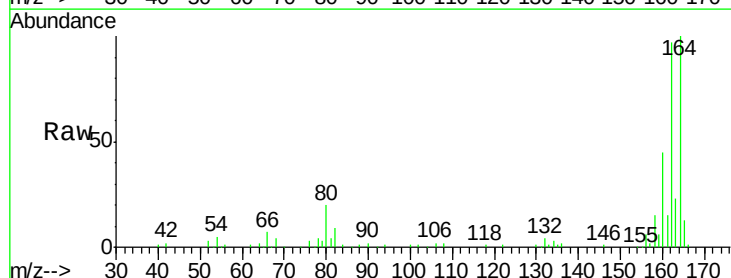
Tgt Ion: 164 Resp: 97231

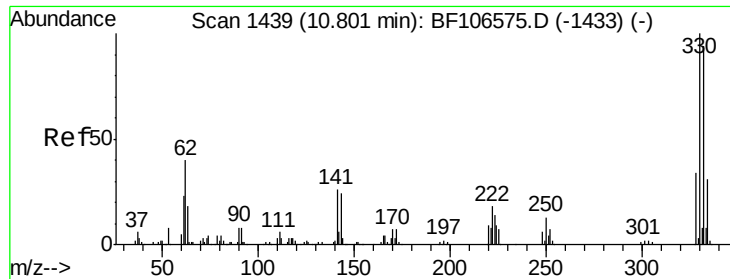
Ion Ratio Lower Upper

164 100

162 96.8 86.1 129.1

160 45.1 38.3 57.5

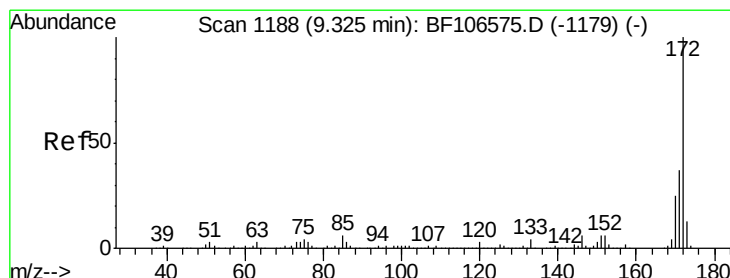
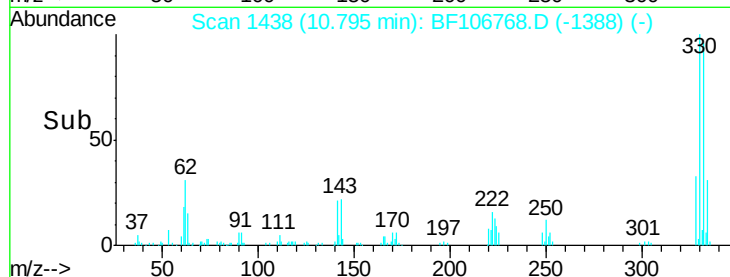
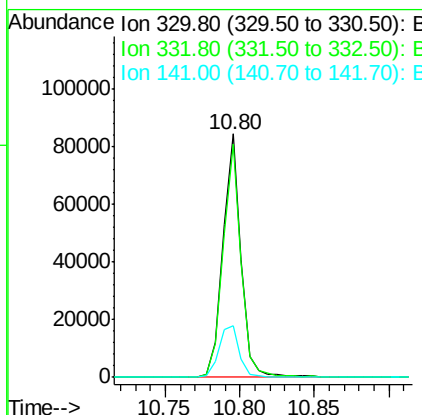
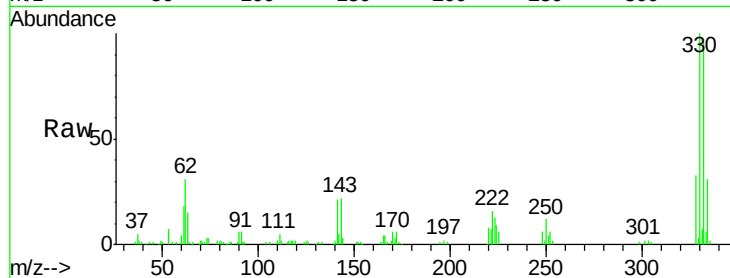




#41
 2,4,6-Tribromophenol
 Concen: 64.216 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106768.D
 Acq: 25 Jun 2018 13:43

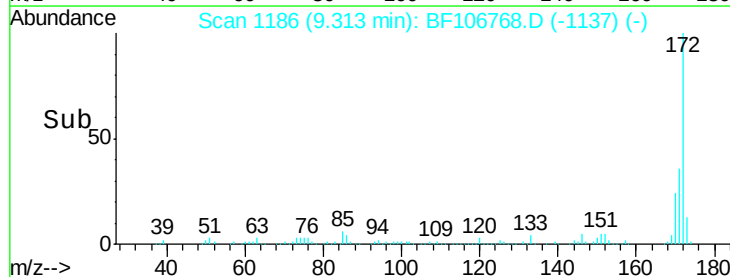
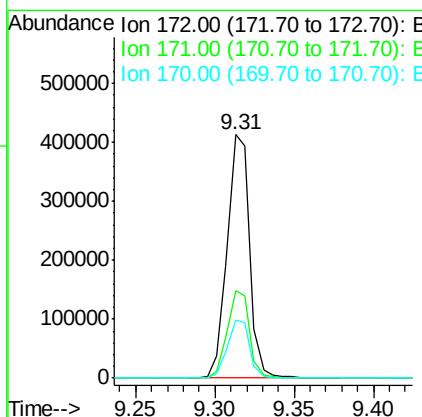
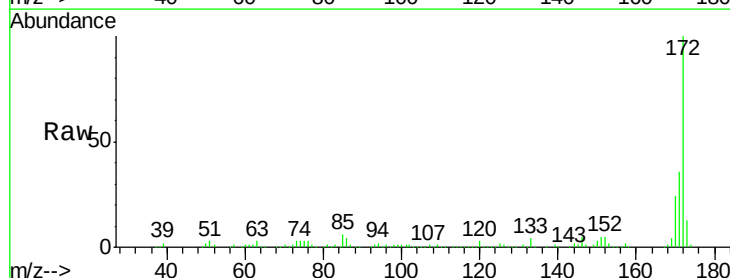
Instrument :
 BNA_F
 ClientSampled :
 26KV-CC-15

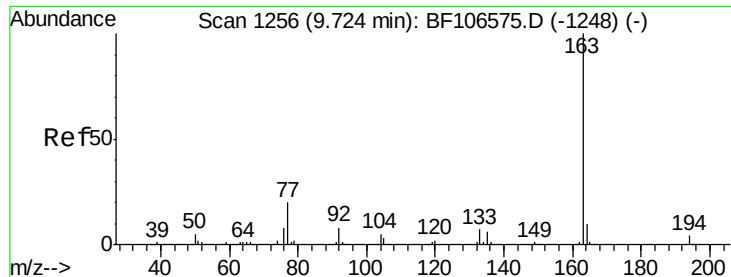
Tgt Ion:330 Resp: 72367
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 23.8 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 67.523 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106768.D
 Acq: 25 Jun 2018 13:43

Tgt Ion:172 Resp: 405300
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.1 19.6 29.4

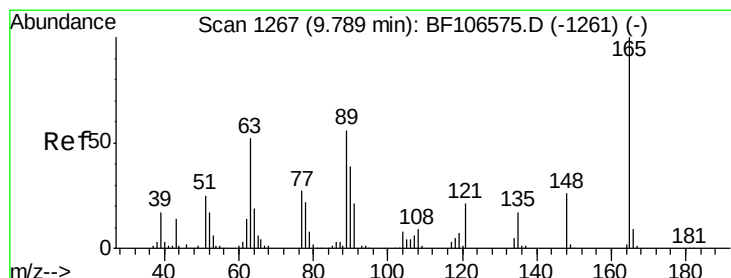
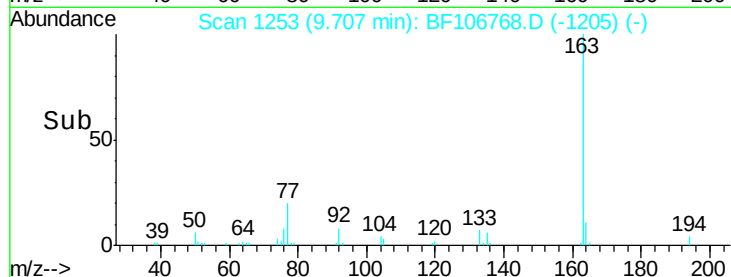
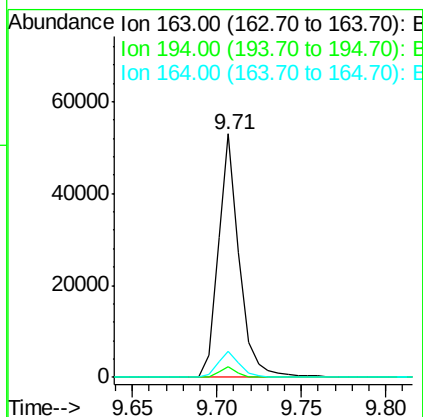
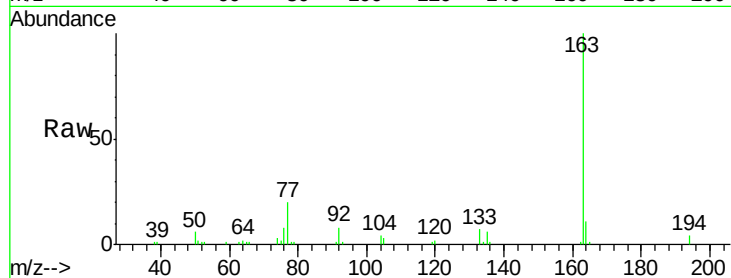




#49
Dimethylphthalate
Concen: 6.272 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106768.D
Acq: 25 Jun 2018 13:43

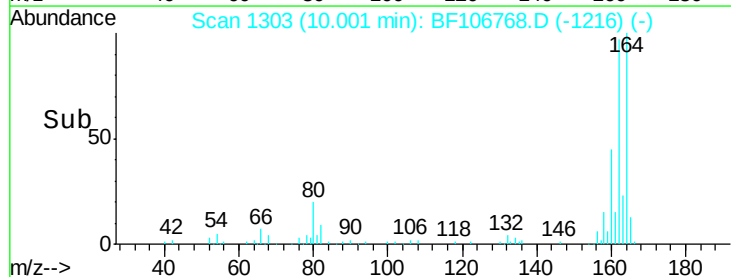
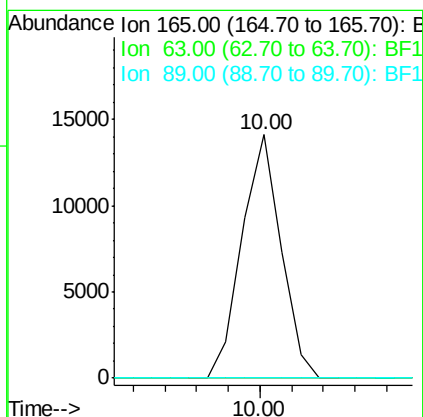
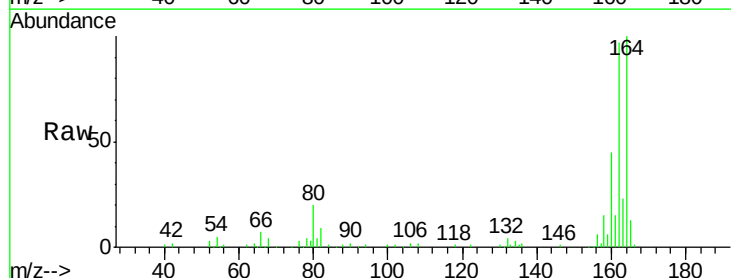
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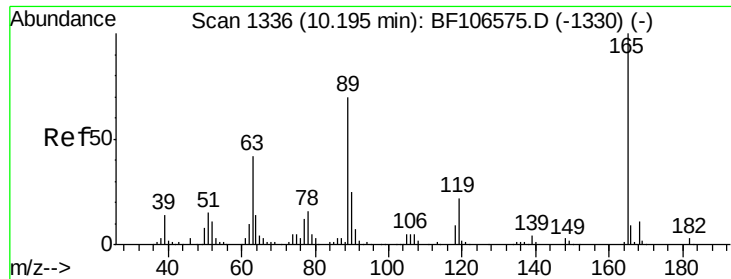
Tgt Ion:163 Resp: 45739
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.5 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.822 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106768.D
Acq: 25 Jun 2018 13:43

Tgt Ion:165 Resp: 12078
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

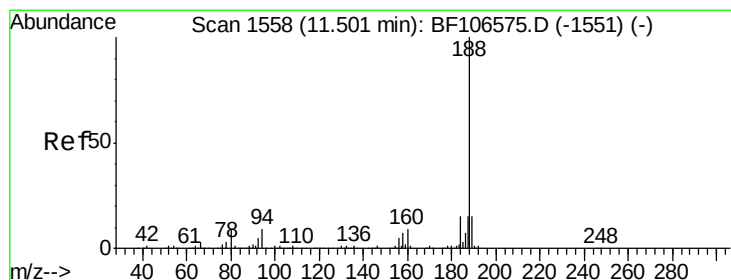
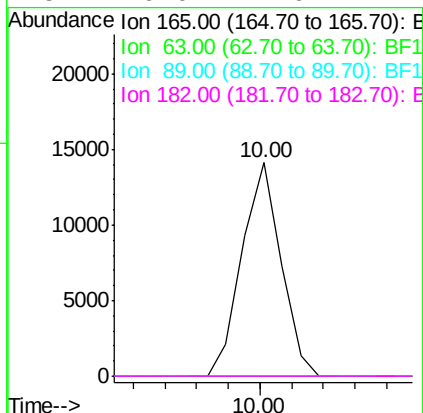
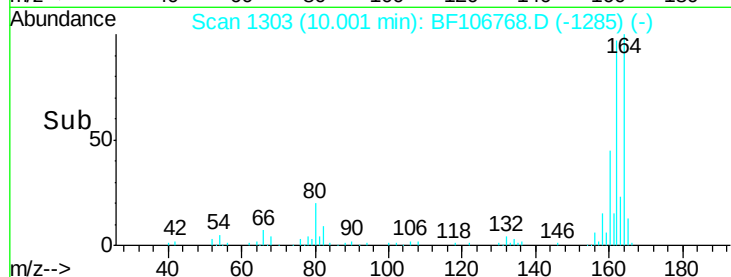
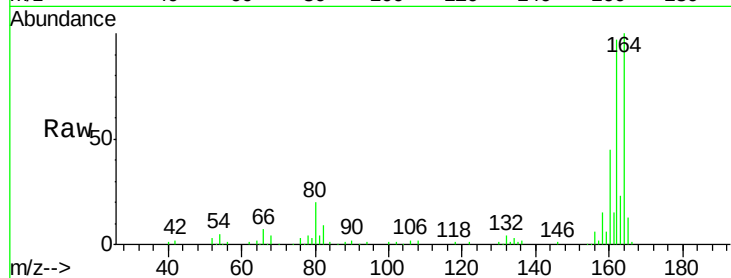




#56
 2,4-Dinitrotoluene
 Concen: 5.992 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF106768.D
 Acq: 25 Jun 2018 13:43

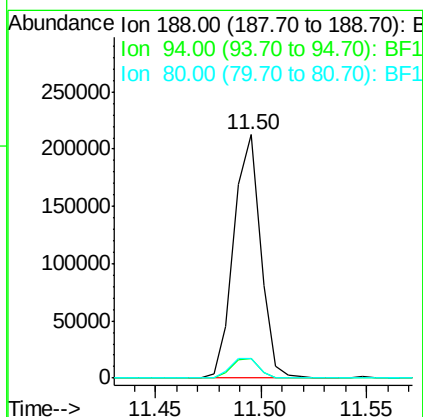
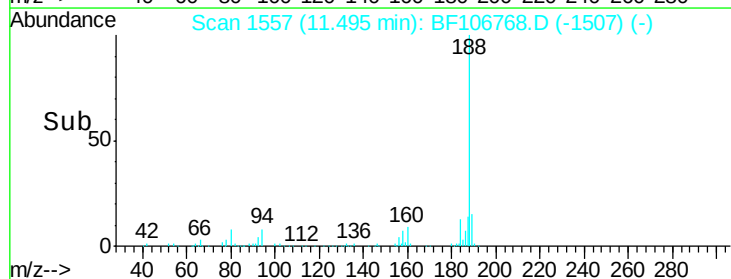
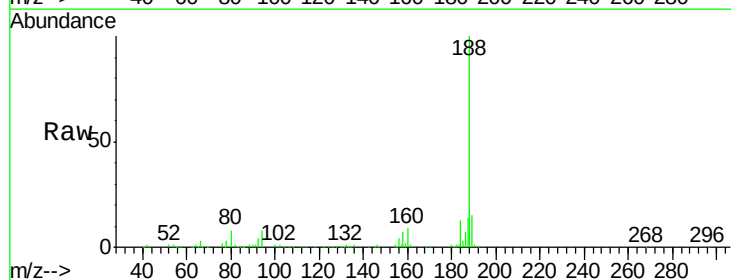
Instrument :
 BNA_F
 ClientSampleId :
 26KV-CC-15

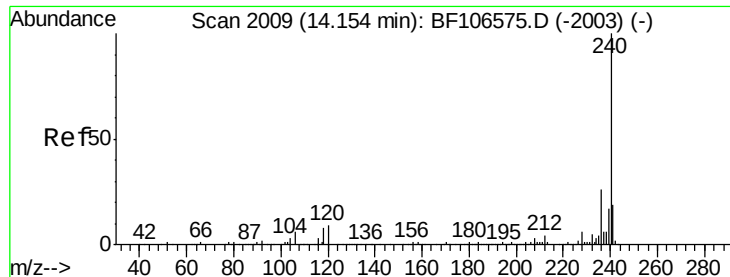
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106768.D
 Acq: 25 Jun 2018 13:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.1	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: BF106768.D

Acq: 25 Jun 2018 13:43

Instrument :

BNA_F

ClientSampleId :

26KV-CC-15

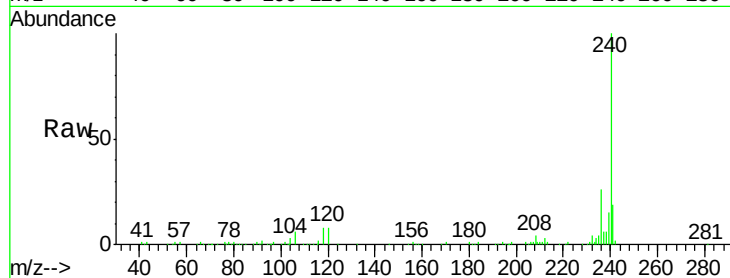
Tgt Ion:240 Resp: 138631

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

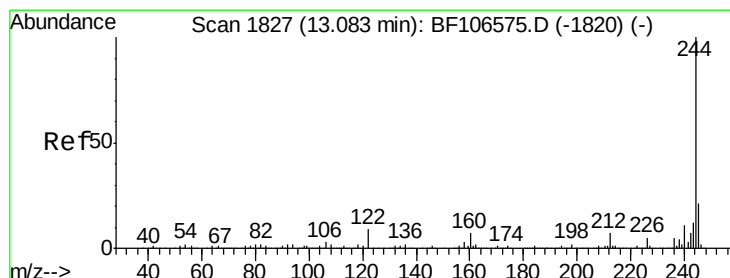
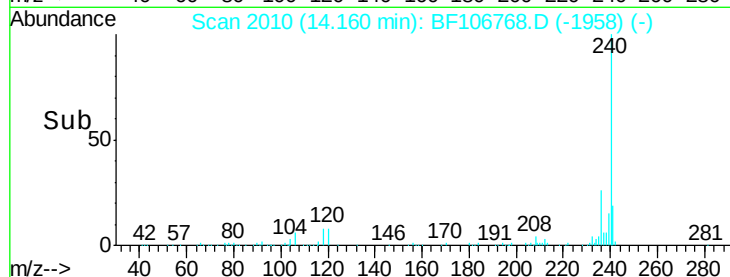
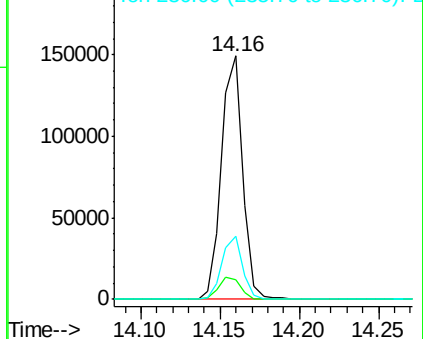
236 25.8 20.7 31.1



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: 74.400 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106768.D

Acq: 25 Jun 2018 13:43

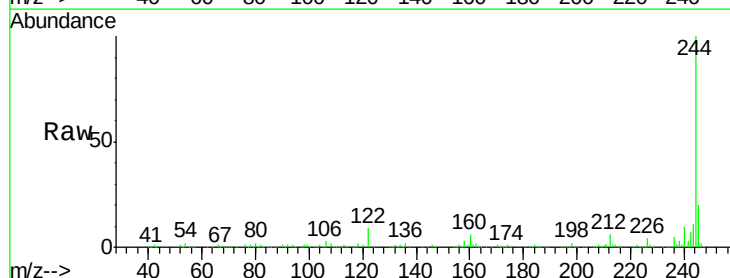
Tgt Ion:244 Resp: 425802

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

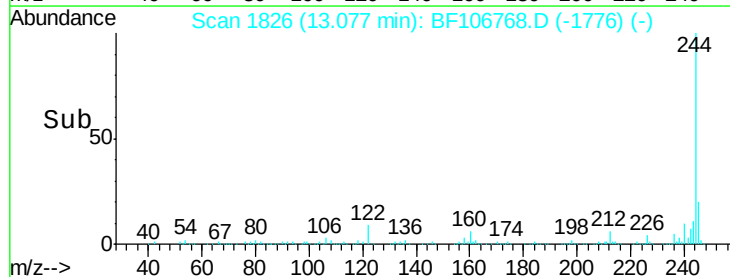
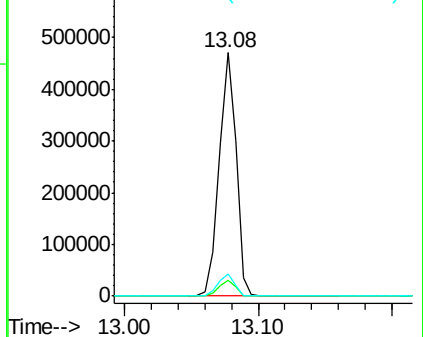
122 9.0 11.0 16.4#

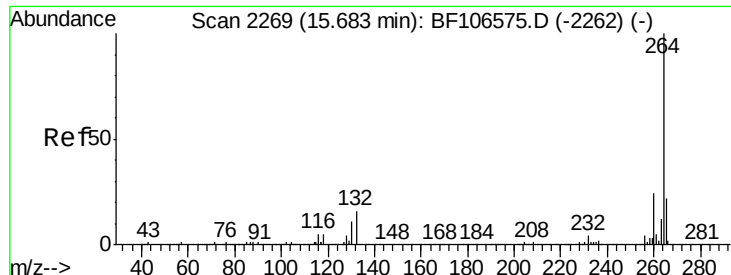


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

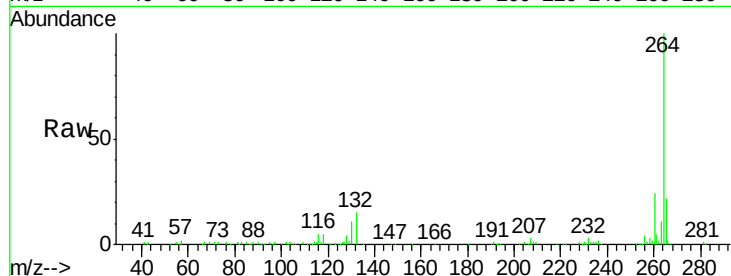




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.03 min
Lab File: BF106768.D
Acq: 25 Jun 2018 13:43

Instrument :
BNA_F
ClientSampleId :
26KV-CC-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	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

