

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
 Data File : BF106767.D
 Acq On : 25 Jun 2018 13:17
 Operator : JU/SJ
 Sample : J3627-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26KV-CC-3

Quant Time: Jun 25 13:51:32 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

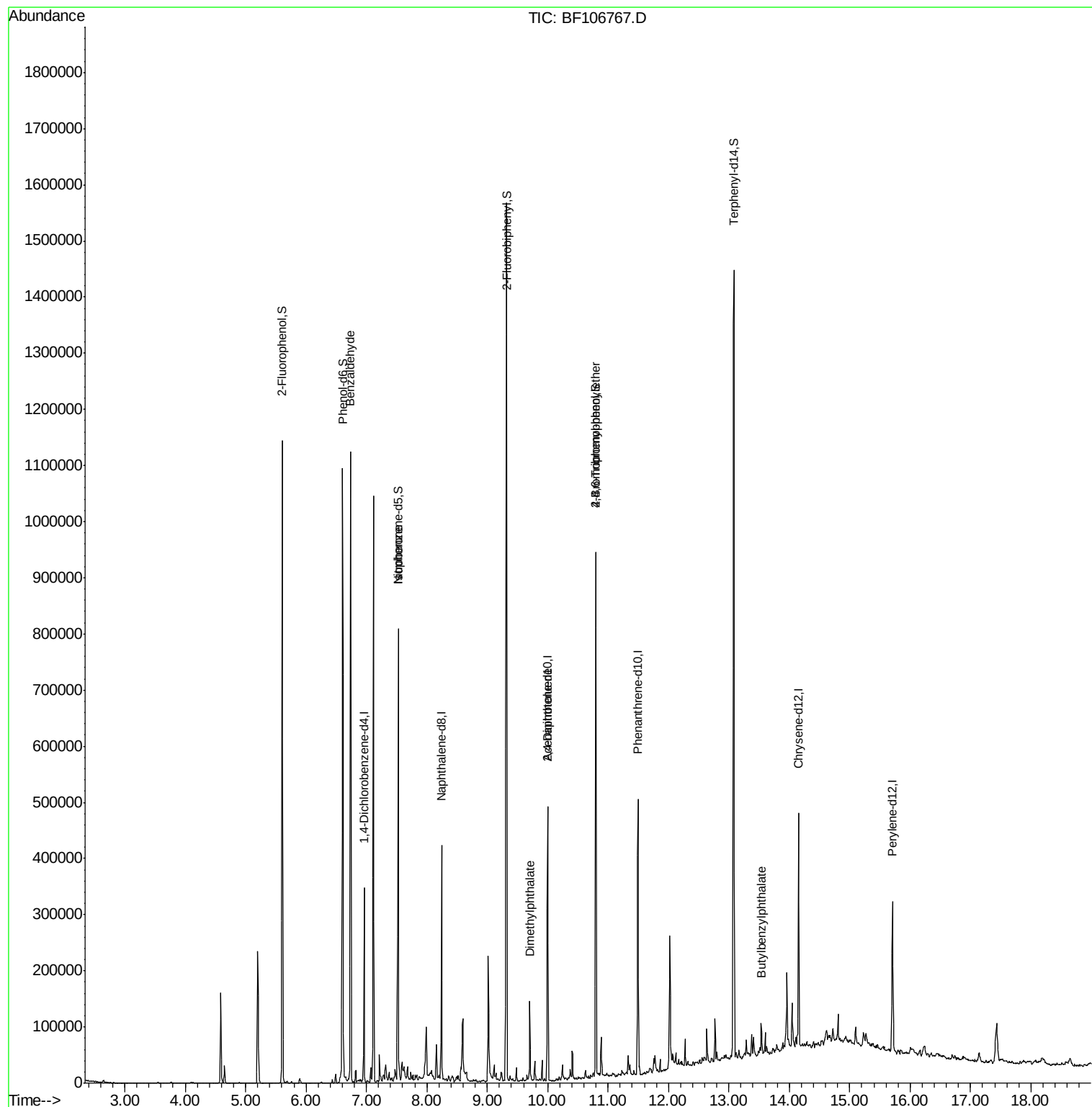
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	46270	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	179277	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	93532	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	179461	20.00	ng	0.00
75) Chrysene-d12	14.15	240	136461	20.00	ng	0.00
86) Perylene-d12	15.71	264	141292	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	319300	116.85	ng	0.00
7) Phenol-d6	6.61	99	416881	122.17	ng	0.00
23) Nitrobenzene-d5	7.52	82	266698	82.67	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	144798	133.57	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	515946	95.13	ng	0.00
78) Terphenyl-d14	13.08	244	552467	98.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	7343	2.551	ng	Qvalue 84
20) 3+4-Methylphenols	7.61	107	272	Below Cal	#	1
25) Isophorone	7.52	82	266694	46.915	ng	# 64
49) Dimethylphthalate	9.71	163	49553	7.064	ng	97
56) 2,4-Dinitrotoluene	10.00	165	11932	6.154	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	8820	4.118	ng	# 1
79) Butylbenzylphthalate	13.54	149	16566	4.478	ng	# 30

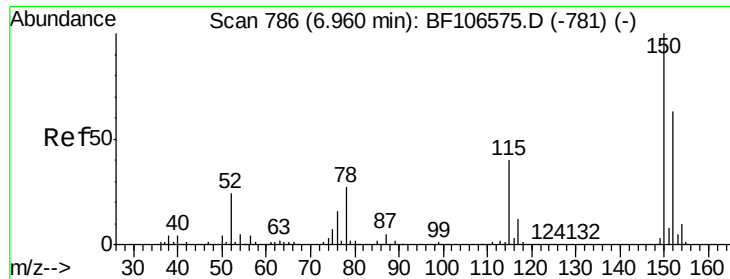
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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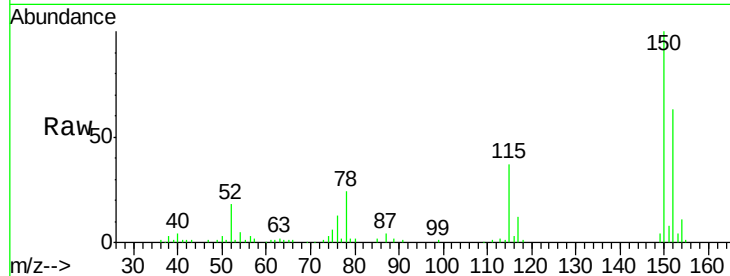




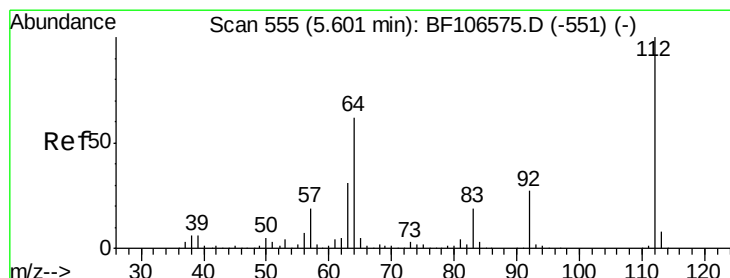
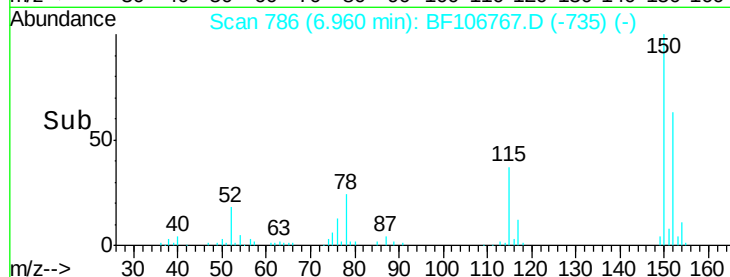
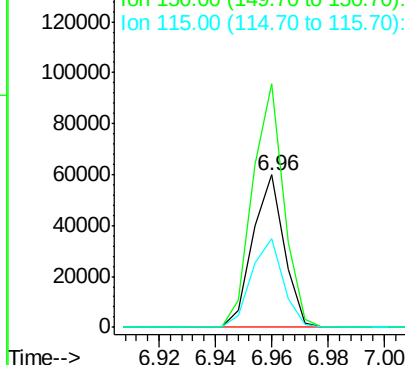
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF106767.D
 Acq: 25 Jun 2018 13:17

Instrument :
 BNA_F
 ClientSampleId :
 26KV-CC-3

Tgt Ion:152 Resp: 46270
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.6 186.8
 115 58.5 50.1 75.1

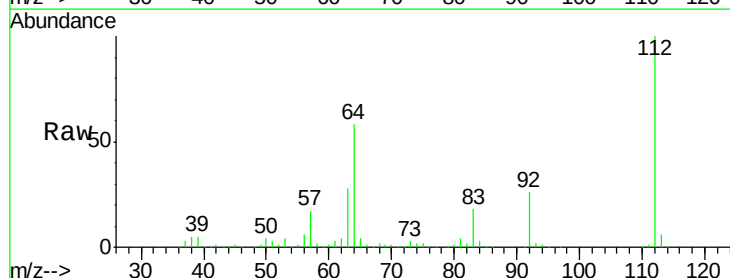


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

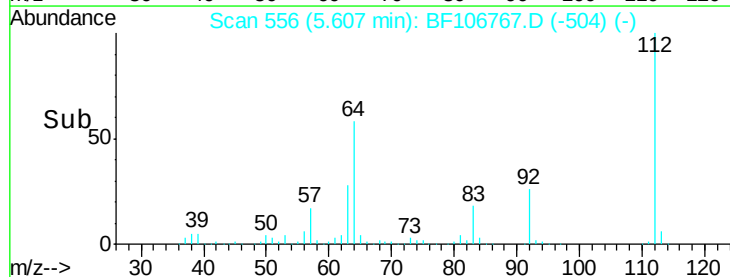
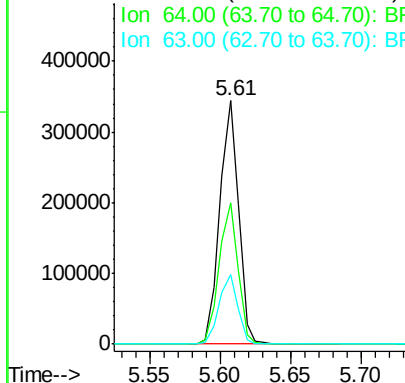


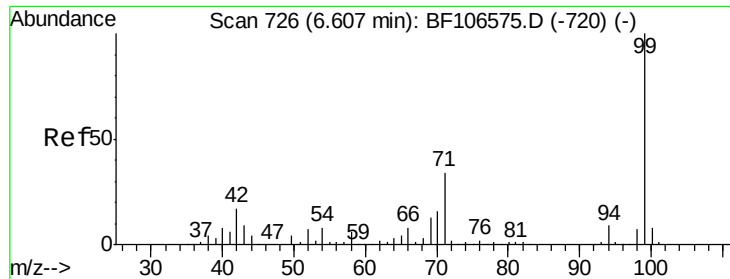
#5
 2-Fluorophenol
 Concen: 116.852 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF106767.D
 Acq: 25 Jun 2018 13:17

Tgt Ion:112 Resp: 319300
 Ion Ratio Lower Upper
 112 100
 64 58.0 47.9 71.9
 63 28.5 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: 122.168 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106767.D

Acq: 25 Jun 2018 13:17

Instrument :

BNA_F

ClientSampled :

26KV-CC-3

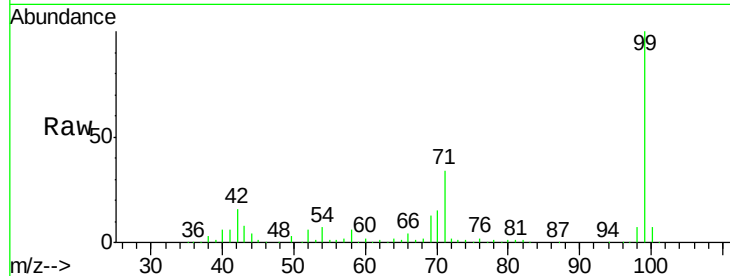
Tgt Ion: 99 Resp: 416881

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

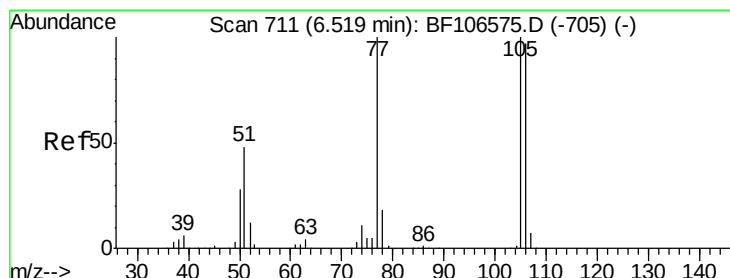
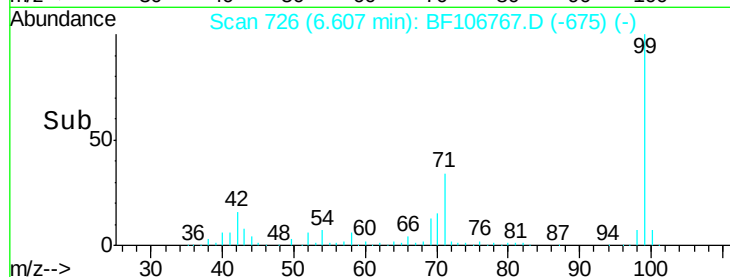
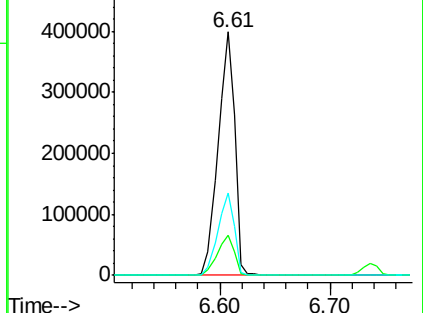
71 34.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.551 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106767.D

Acq: 25 Jun 2018 13:17

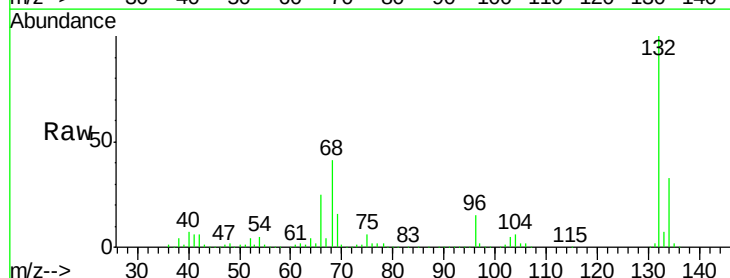
Tgt Ion: 77 Resp: 7343

Ion Ratio Lower Upper

77 100

105 84.3 81.1 121.1

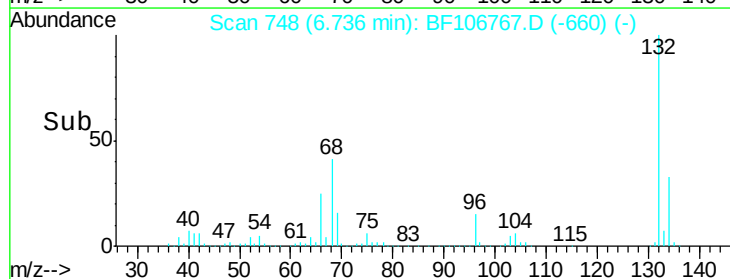
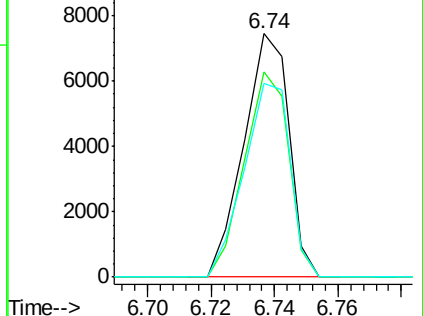
106 79.7 74.5 114.5

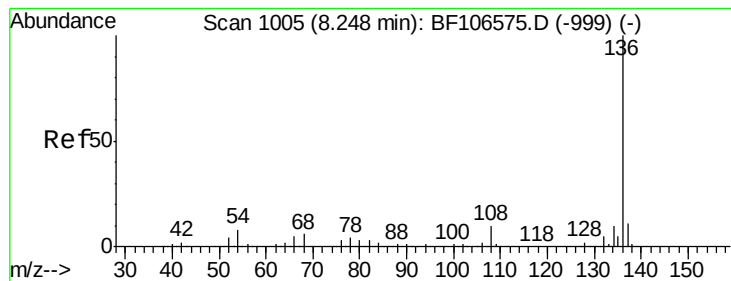


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106767.D

Acq: 25 Jun 2018 13:17

Instrument :

BNA_F

ClientSampleId :

26KV-CC-3

Tgt Ion:136 Resp: 179277

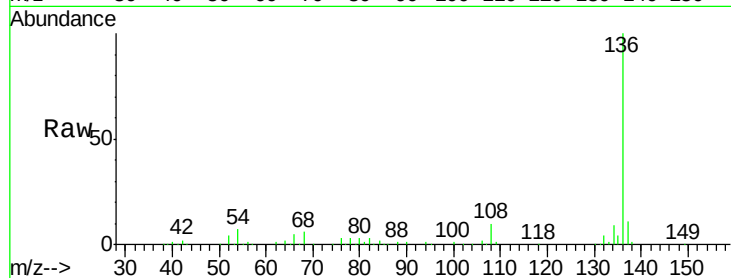
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.3 6.6 9.8

68 5.9 5.0 7.4

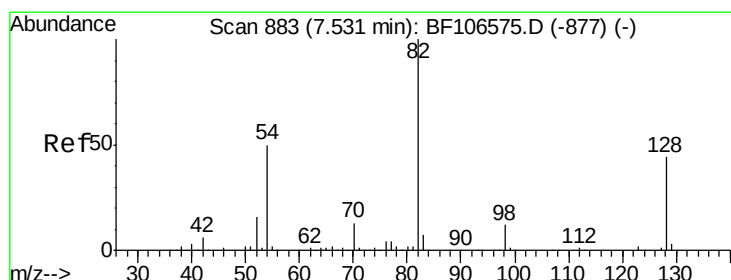
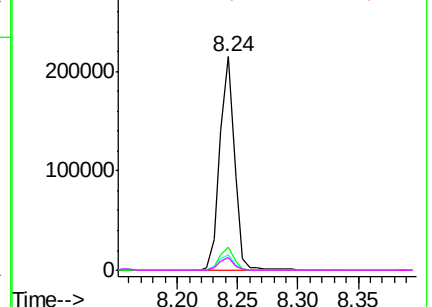
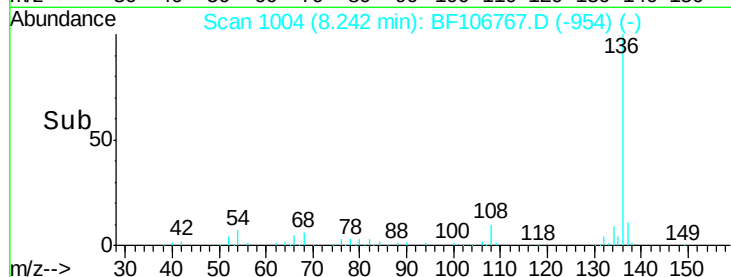


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.673 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106767.D

Acq: 25 Jun 2018 13:17

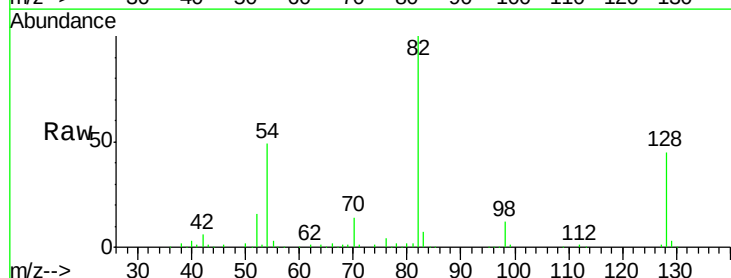
Tgt Ion: 82 Resp: 266698

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

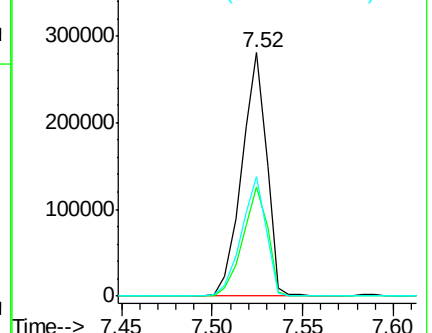
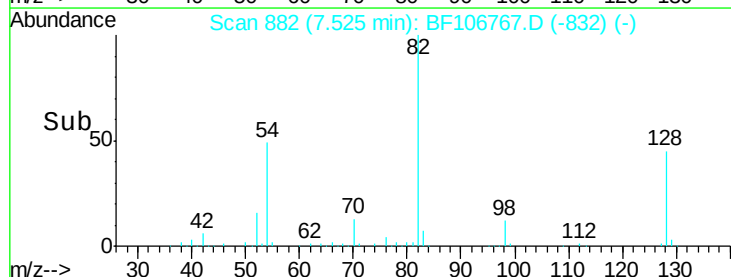
54 48.8 41.4 62.2

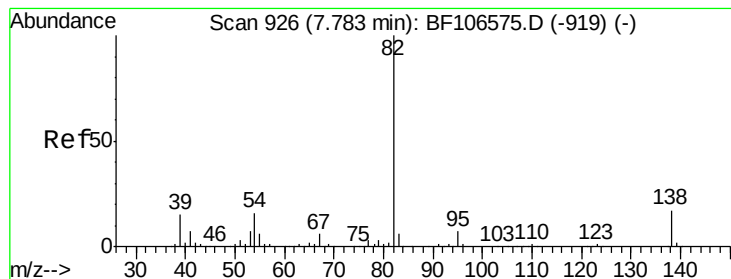


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.915 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106767.D

Acq: 25 Jun 2018 13:17

Instrument :

BNA_F

ClientSampleId :

26KV-CC-3

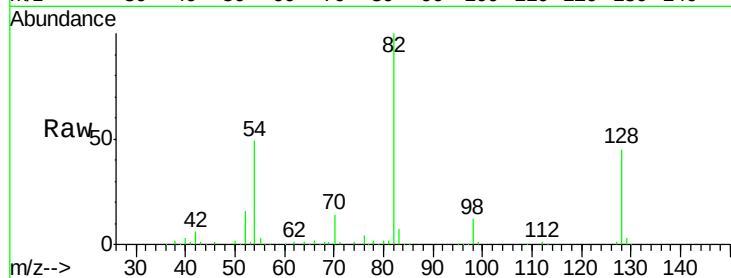
Tgt Ion: 82 Resp: 266694

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

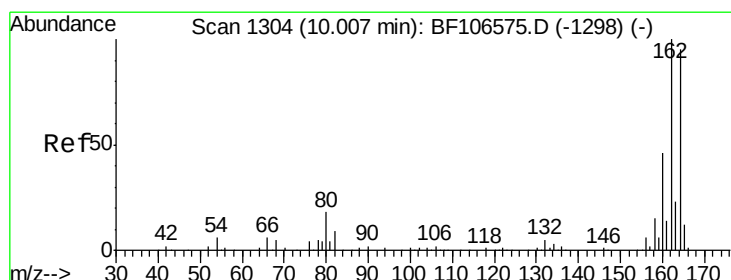
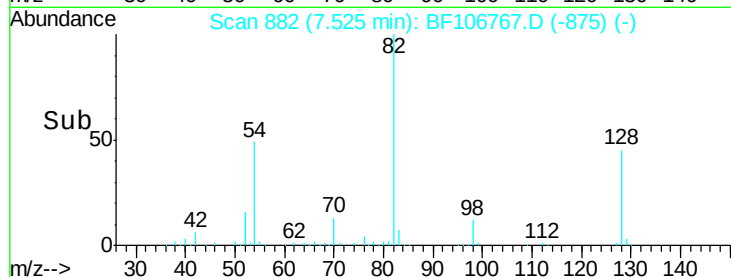
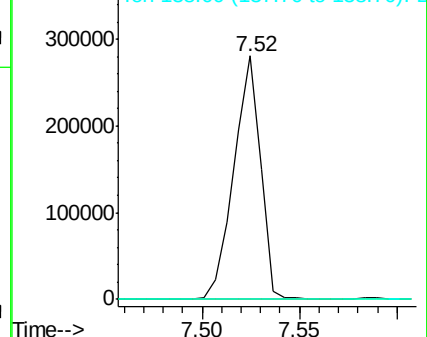
138 0.0 14.9 22.3#



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: BF106767.D

Acq: 25 Jun 2018 13:17

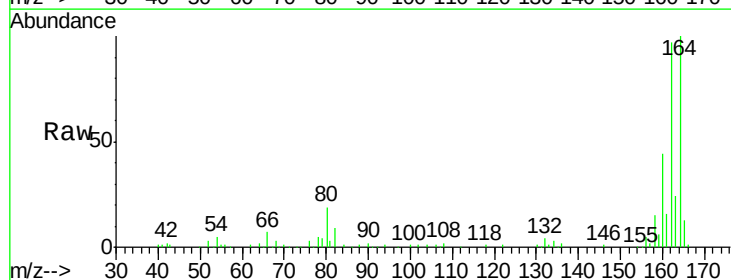
Tgt Ion: 164 Resp: 93532

Ion Ratio Lower Upper

164 100

162 97.3 86.1 129.1

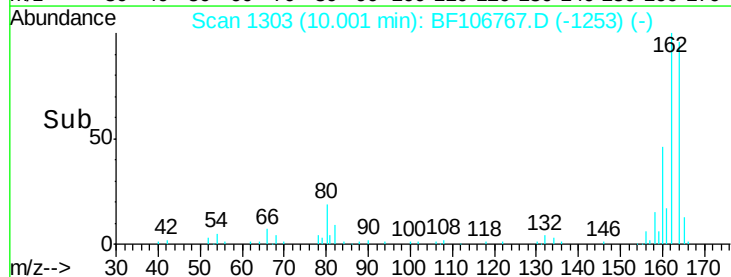
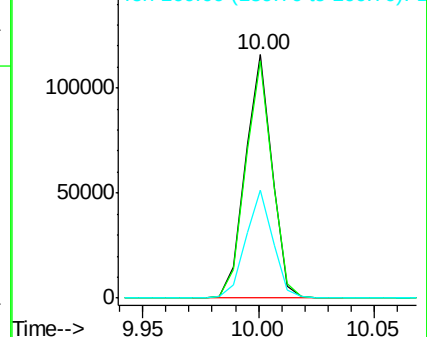
160 44.1 38.3 57.5

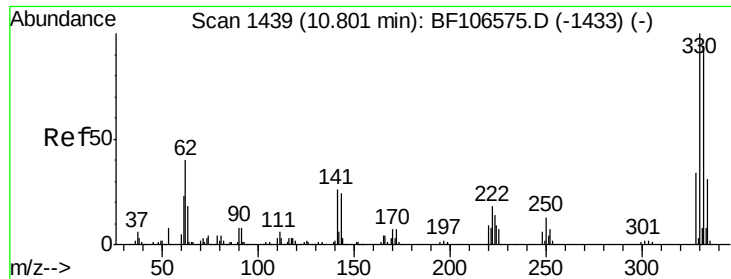


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

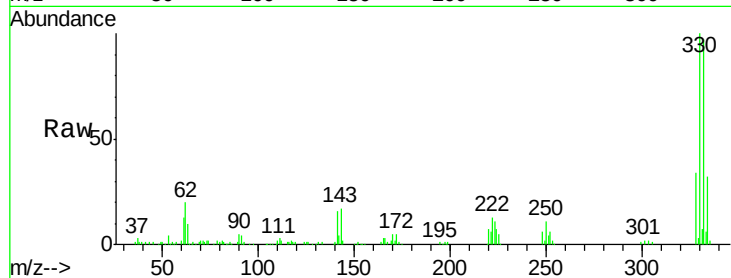




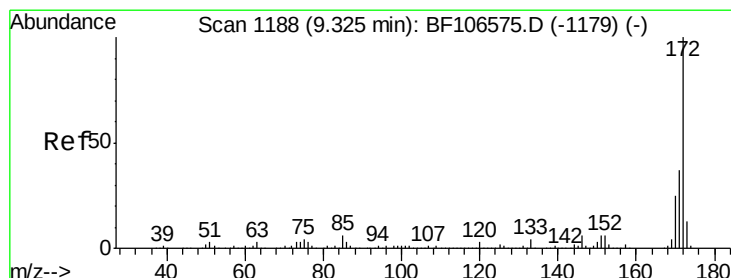
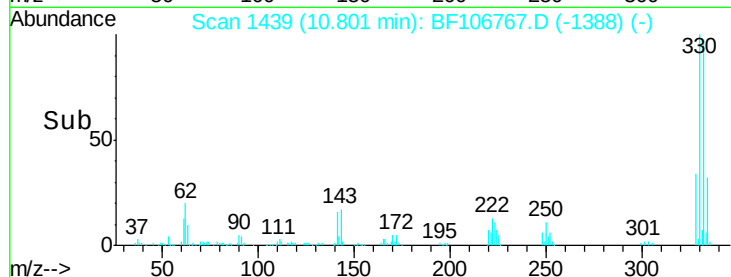
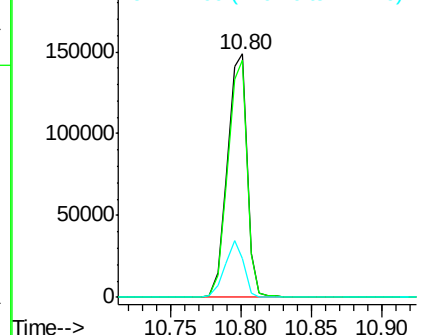
#41
 2,4,6-Tribromophenol
 Concen: 133.570 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF106767.D
 Acq: 25 Jun 2018 13:17

Instrument :
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 ClientSampleId :
 26KV-CC-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	22.2	29.9	44.9

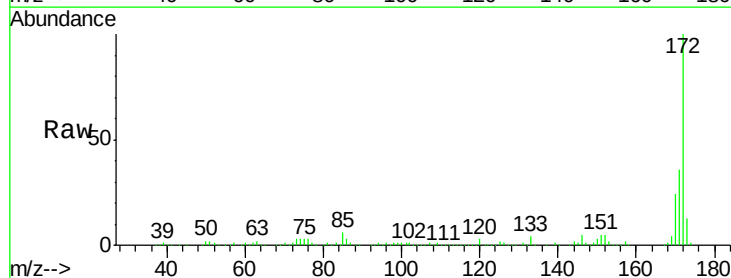


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

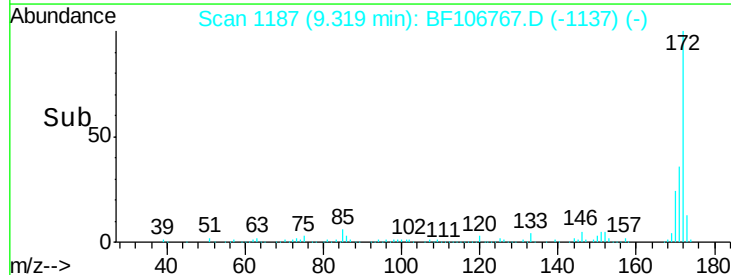
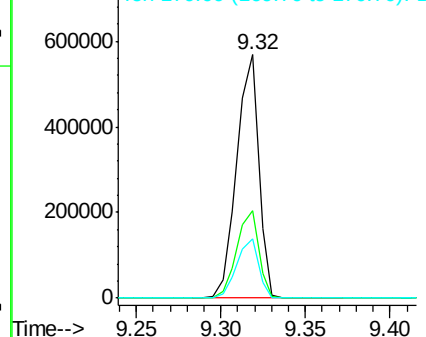


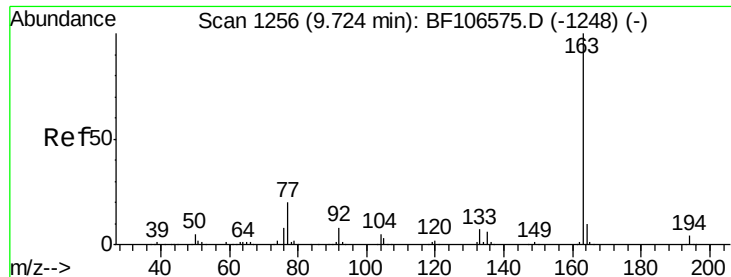
#44
 2-Fluorobiphenyl
 Concen: 95.127 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106767.D
 Acq: 25 Jun 2018 13:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.5	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

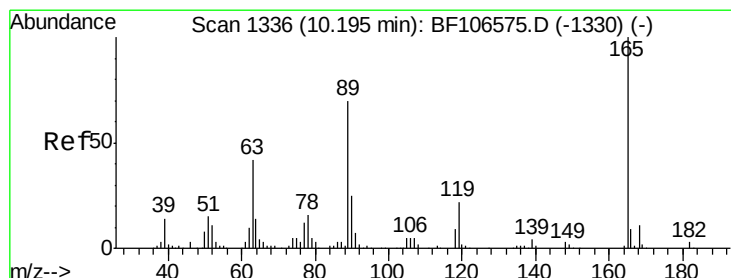
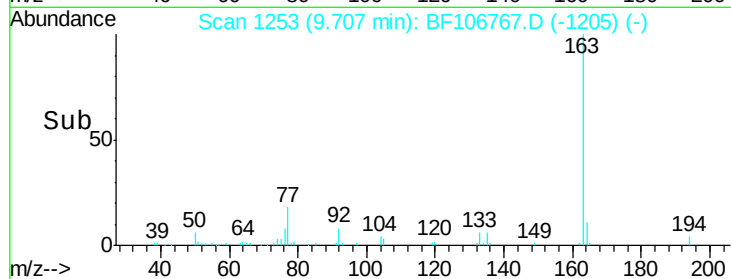
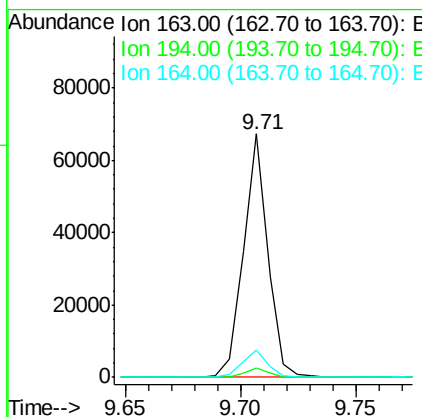
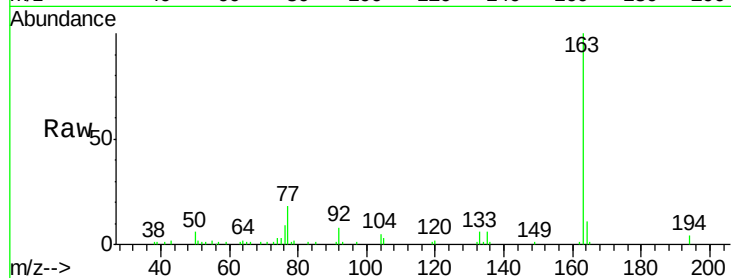




#49
Dimethylphthalate
Concen: 7.064 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106767.D
Acq: 25 Jun 2018 13:17

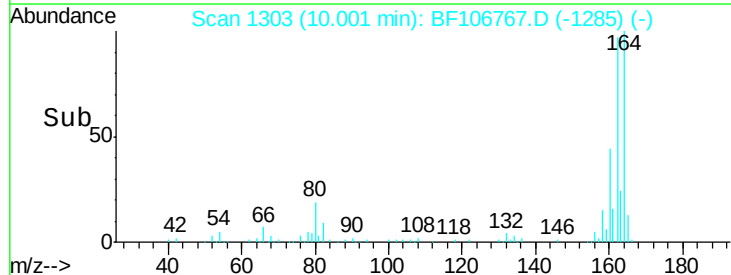
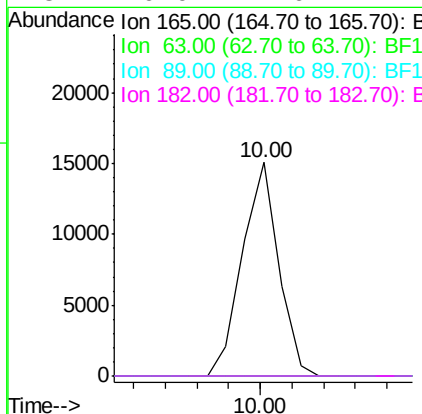
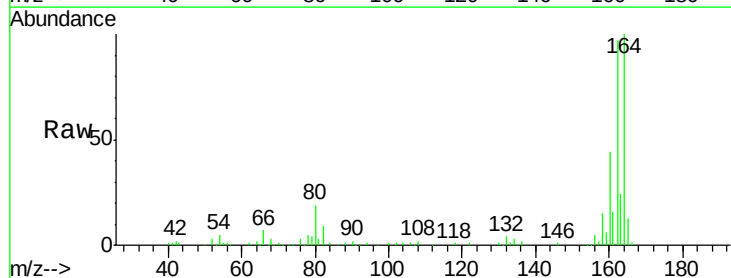
Instrument :
BNA_F
ClientSampleId :
26KV-CC-3

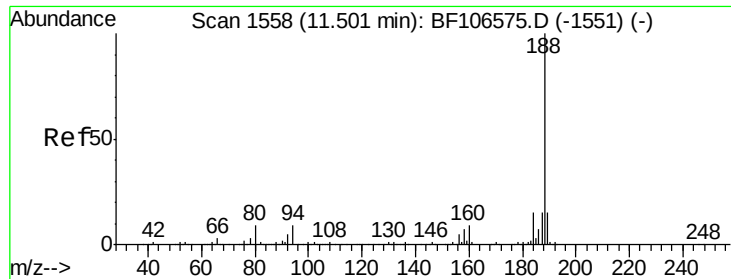
Tgt Ion:163 Resp: 49553
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.4 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.154 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106767.D
Acq: 25 Jun 2018 13:17

Tgt Ion:165 Resp: 11932
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#

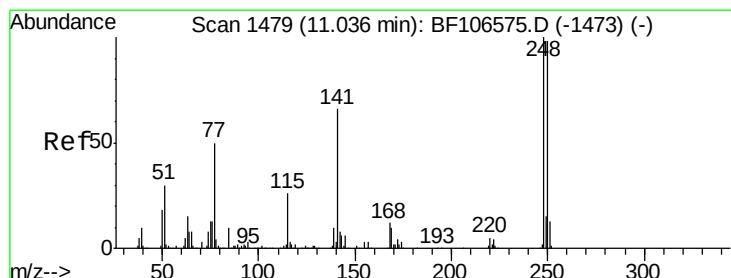
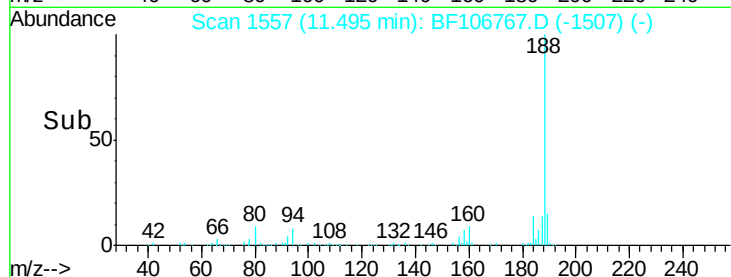
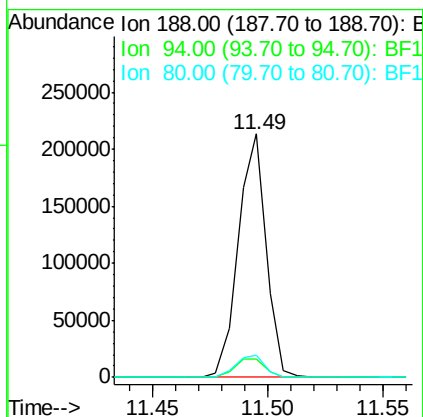
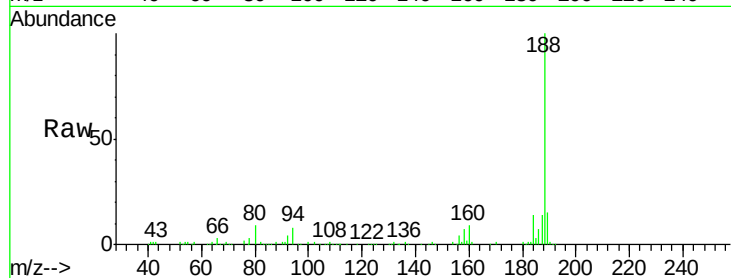




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106767.D
Acq: 25 Jun 2018 13:17

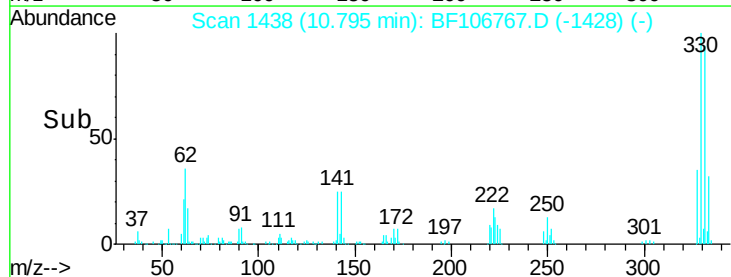
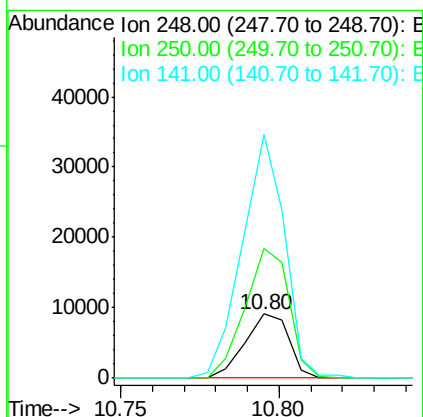
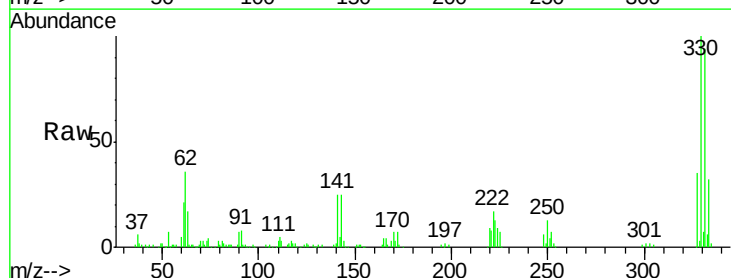
Instrument :
BNA_F
ClientSampled :
26KV-CC-3

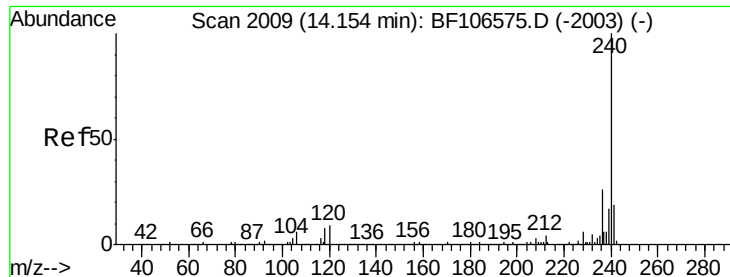
Tgt Ion:188 Resp: 179461
Ion Ratio Lower Upper
188 100
94 7.7 8.5 12.7#
80 9.0 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 4.118 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106767.D
Acq: 25 Jun 2018 13:17

Tgt Ion:248 Resp: 8820
Ion Ratio Lower Upper
248 100
250 202.4 76.9 115.3#
141 381.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF106767.D

Acq: 25 Jun 2018 13:17

Instrument :

BNA_F

ClientSampleId :

26KV-CC-3

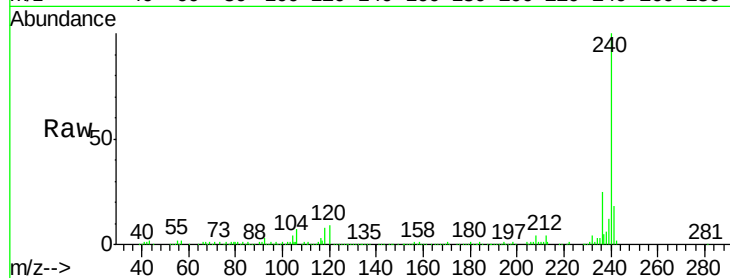
Tgt Ion:240 Resp: 136461

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

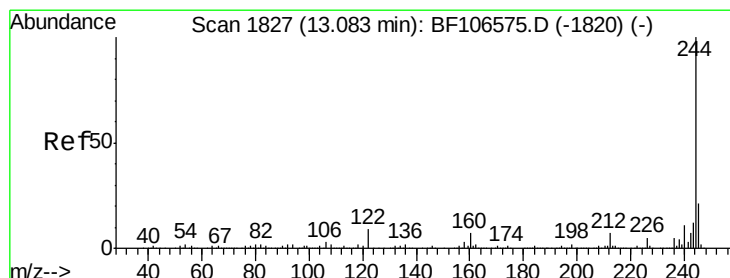
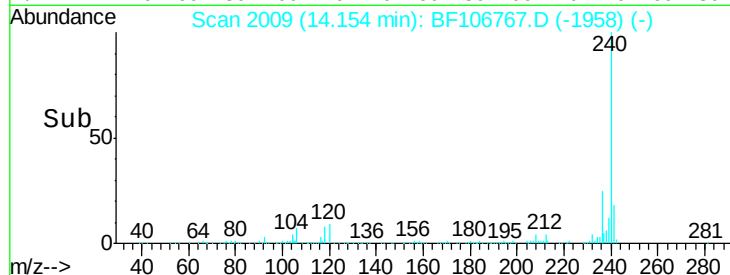
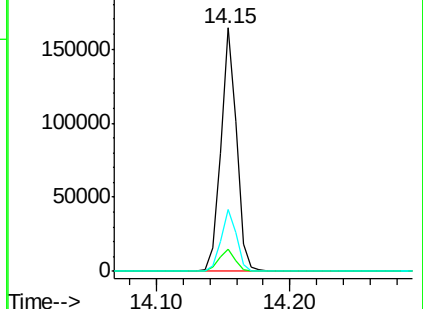
236 25.4 20.7 31.1



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: 98.068 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106767.D

Acq: 25 Jun 2018 13:17

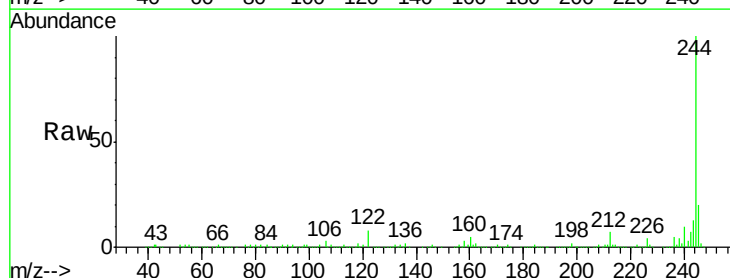
Tgt Ion:244 Resp: 552467

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

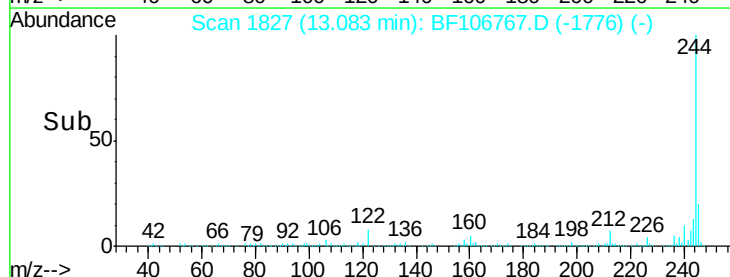
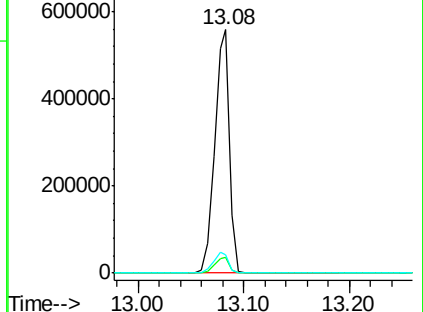
122 7.7 11.0 16.4#

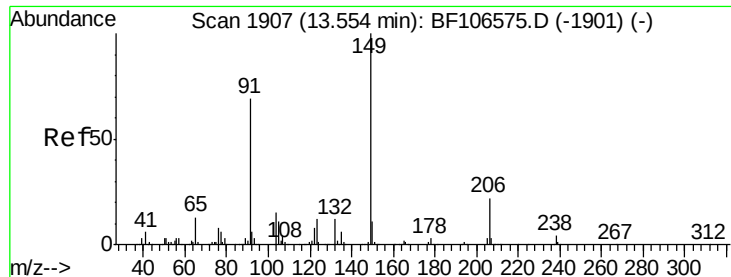


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 4.478 ng

RT: 13.54 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BF106767.D

Acq: 25 Jun 2018 13:17

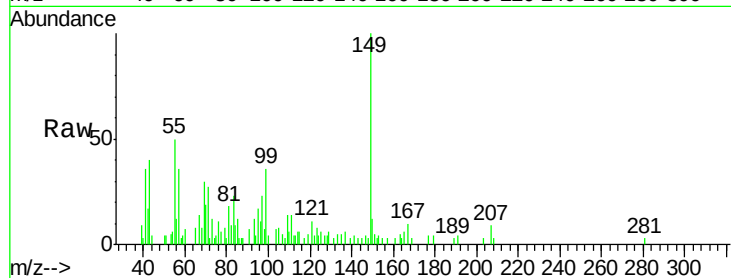
Instrument :

BNA_F

ClientSampleId :

26KV-CC-3

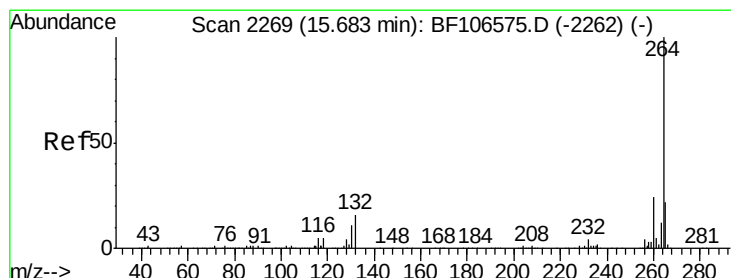
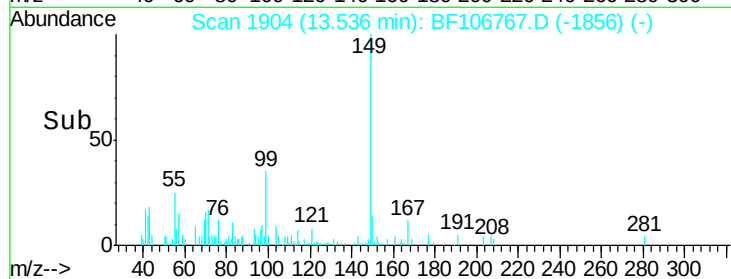
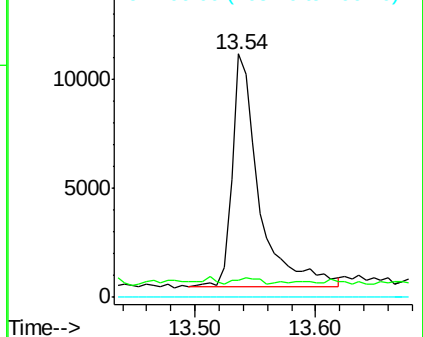
Tgt Ion:	149	Resp:	16566
Ion Ratio	Lower	Upper	
149	100		
91	7.0	56.8	85.2#
206	0.0	14.1	21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#86

Perylene-d12

Concen: 20.000 ng

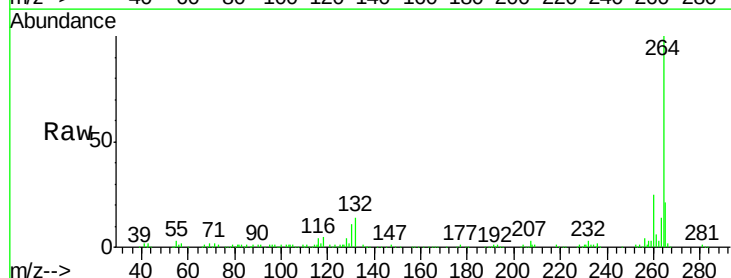
RT: 15.71 min Scan# 2274

Delta R.T. 0.02 min

Lab File: BF106767.D

Acq: 25 Jun 2018 13:17

Tgt Ion:	264	Resp:	141292
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.4	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

