

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062518\
 Data File : BF106769.D
 Acq On : 25 Jun 2018 14:10
 Operator : JU/SJ
 Sample : J3622-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-D

Quant Time: Jun 25 15:21:38 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

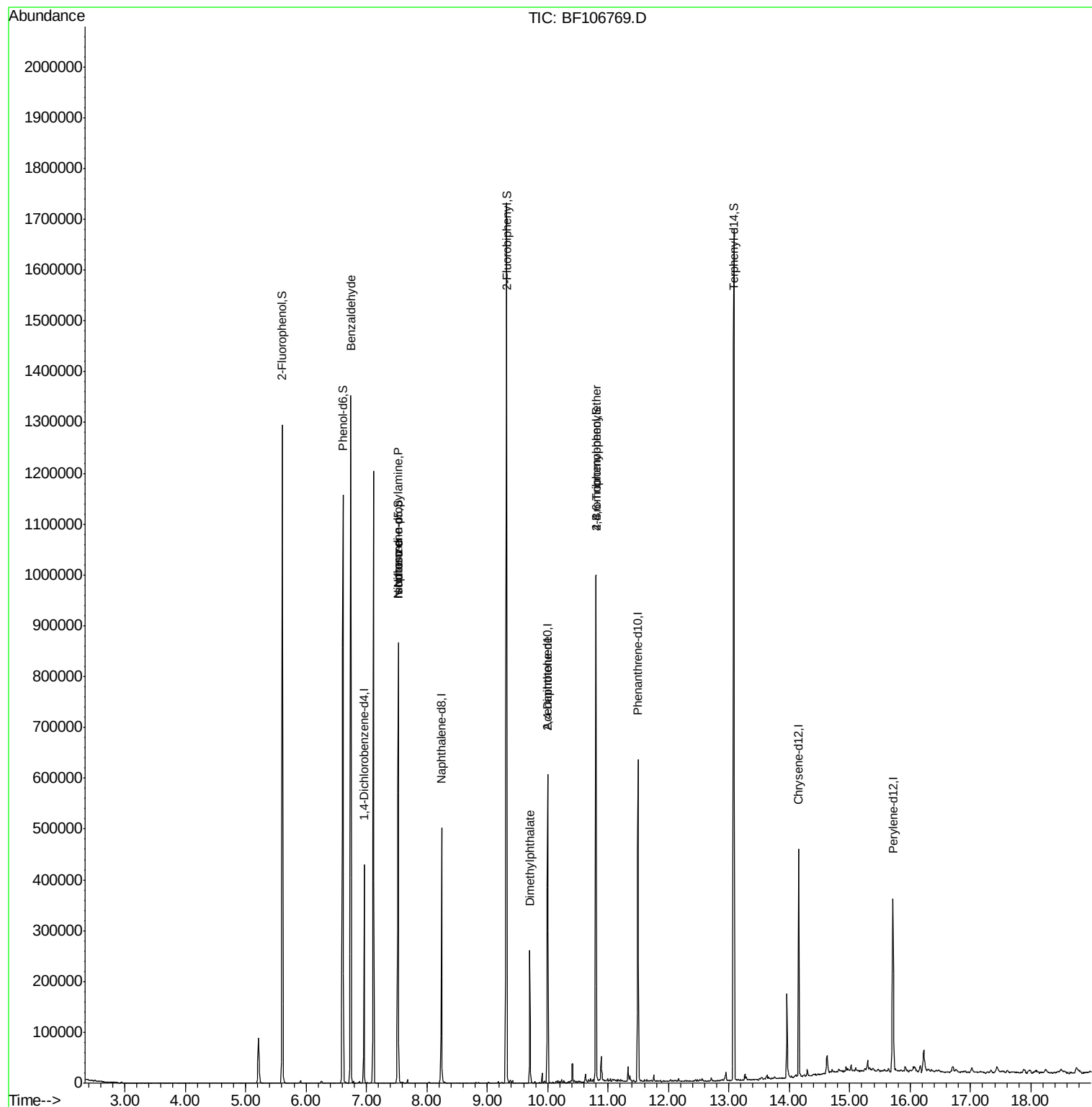
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	59549	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	226595	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	117559	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	231110	20.00	ng	0.00
75) Chrysene-d12	14.15	240	178110	20.00	ng	0.00
86) Perylene-d12	15.72	264	186013	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	414068	117.74	ng	0.00
7) Phenol-d6	6.61	99	528475	120.34	ng	0.00
23) Nitrobenzene-d5	7.52	82	346553	84.99	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	169595	124.47	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	618921	89.98	ng	0.00
78) Terphenyl-d14	13.08	244	687413	93.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	9057	2.448	ng	88
19) n-Nitroso-di-n-propylamine	7.52	70	45164	15.601	ng	# 71
25) Isophorone	7.52	82	346550	48.233	ng	# 64
49) Dimethylphthalate	9.71	163	101629	11.526	ng	99
56) 2,4-Dinitrotoluene	10.00	165	15017	6.162	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	10237	3.712	ng	# 1

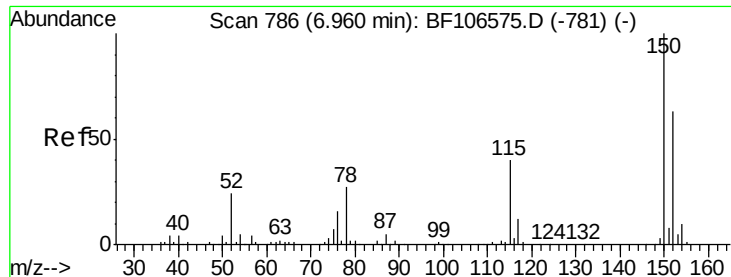
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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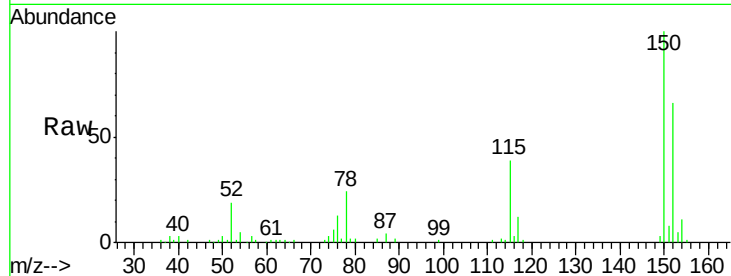


#1

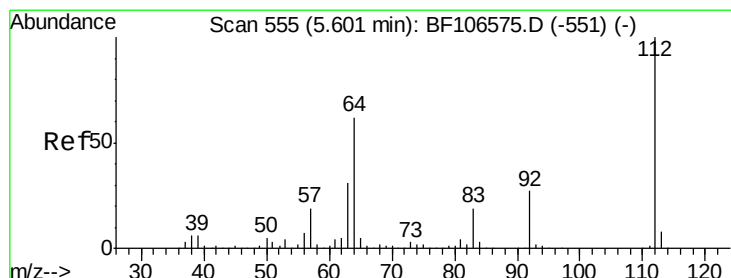
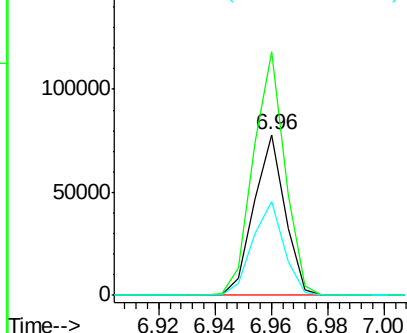
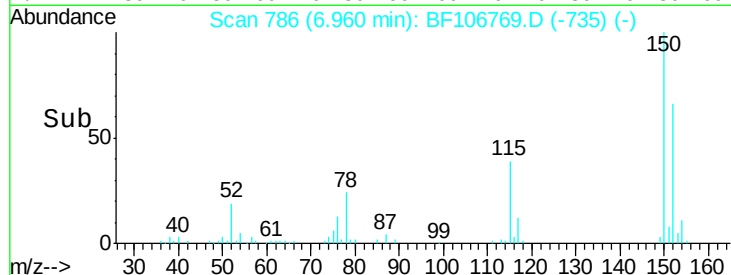
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106769.D
Acq: 25 Jun 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SP-D

Tgt Ion:152 Resp: 59549
Ion Ratio Lower Upper
152 100
150 151.8 124.6 186.8
115 58.4 50.1 75.1



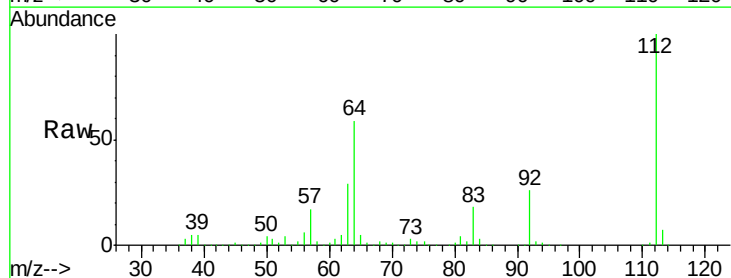
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



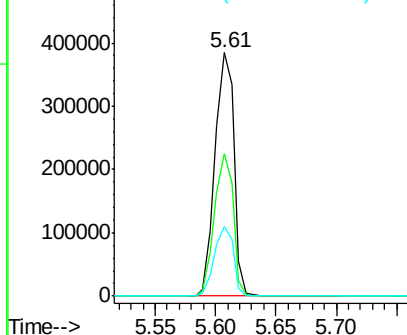
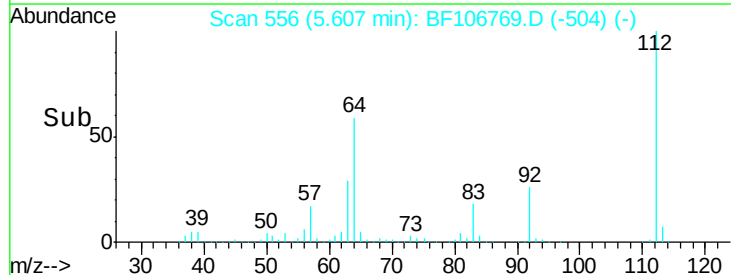
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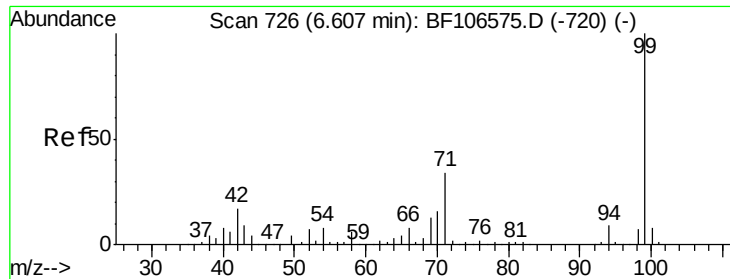
2-Fluorophenol
Concen: 117.743 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106769.D
Acq: 25 Jun 2018 14:10

Tgt Ion:112 Resp: 414068
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 28.7 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: 120.335 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106769.D

Acq: 25 Jun 2018 14:10

Instrument :

BNA_F

ClientSampled :

SP-D

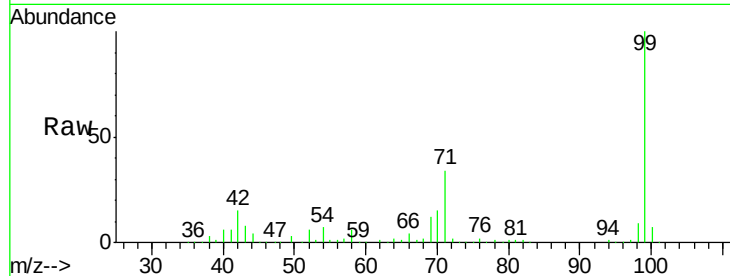
Tgt Ion: 99 Resp: 528475

Ion Ratio Lower Upper

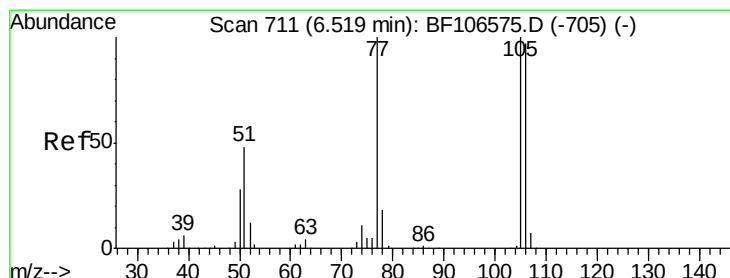
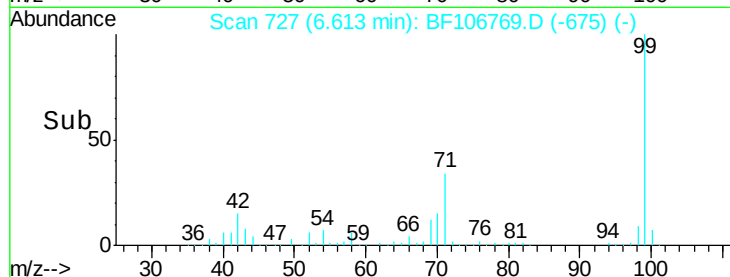
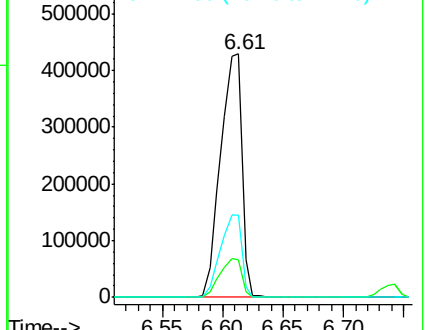
99 100

42 15.3 14.5 21.7

71 33.8 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: 2.448 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106769.D

Acq: 25 Jun 2018 14:10

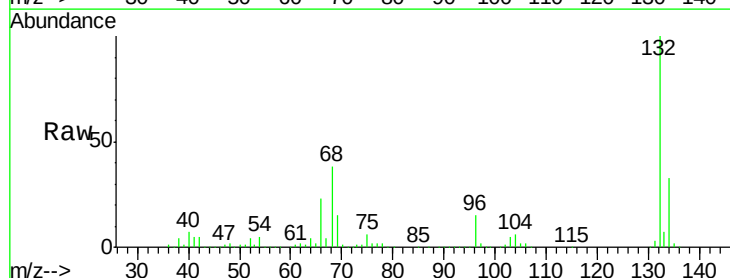
Tgt Ion: 77 Resp: 9057

Ion Ratio Lower Upper

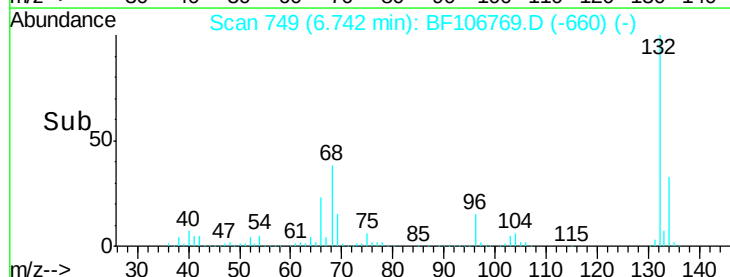
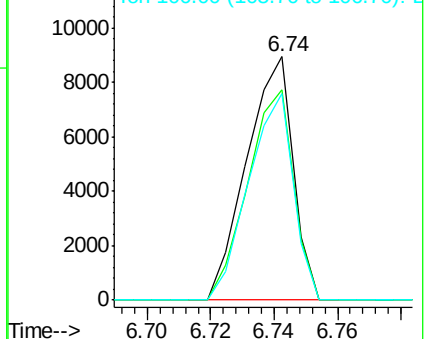
77 100

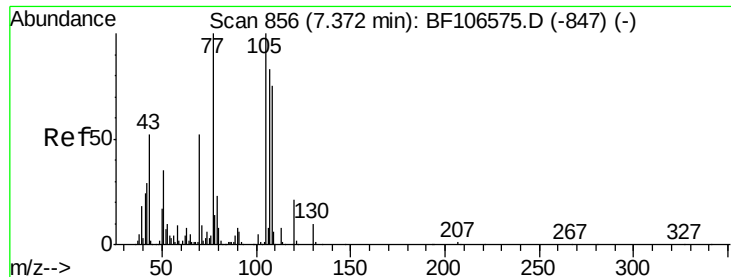
105 86.2 81.1 121.1

106 84.8 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

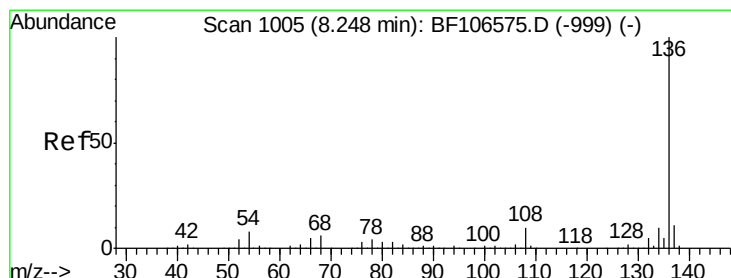
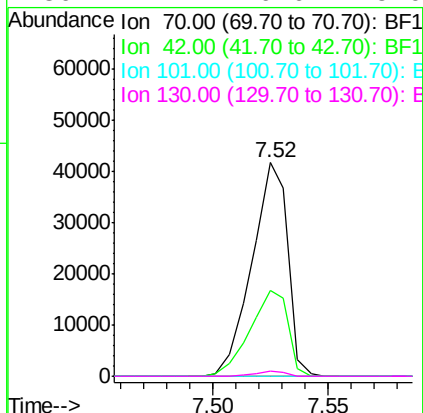
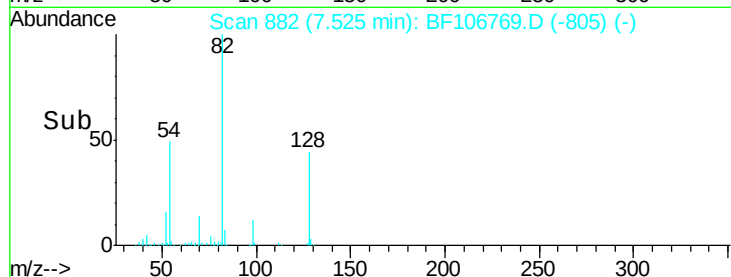
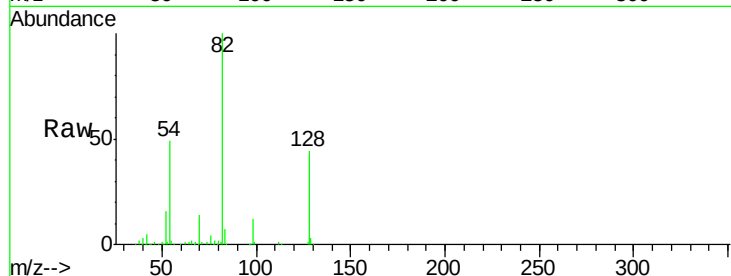




#19
n-Nitroso-di-n-propylamine
Concen: 15.601 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106769.D
Acq: 25 Jun 2018 14:10

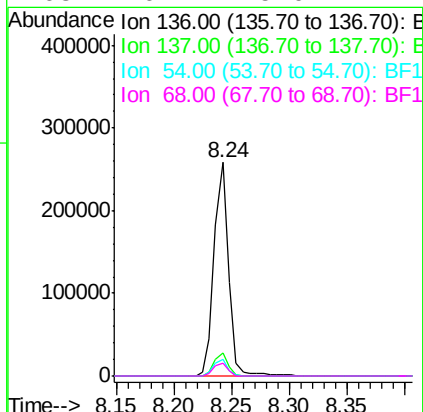
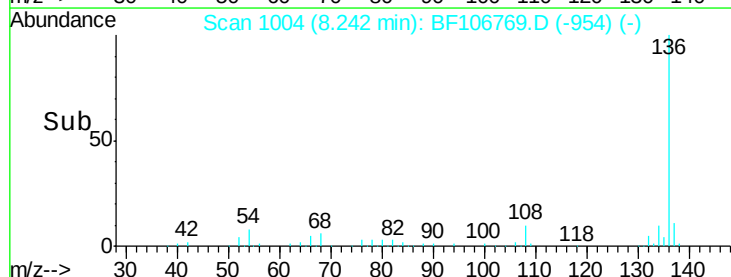
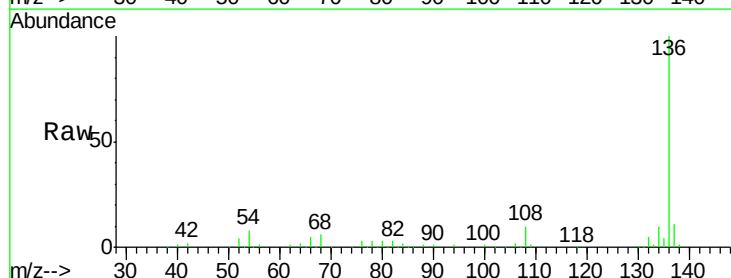
Instrument :
BNA_F
ClientSampleId :
SP-D

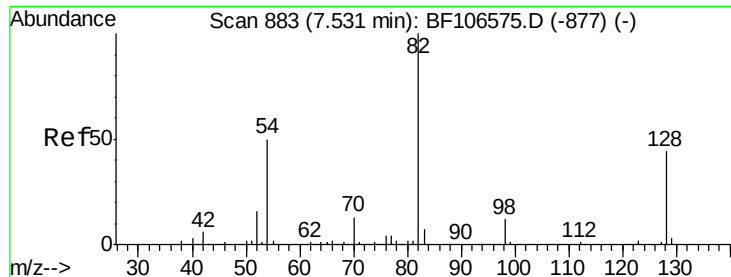
Tgt Ion: 70 Resp: 45164
Ion Ratio Lower Upper
70 100
42 39.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106769.D
Acq: 25 Jun 2018 14:10

Tgt Ion: 136 Resp: 226595
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.6 6.6 9.8
68 6.1 5.0 7.4

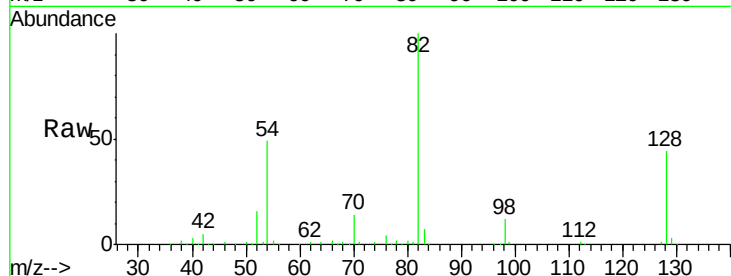




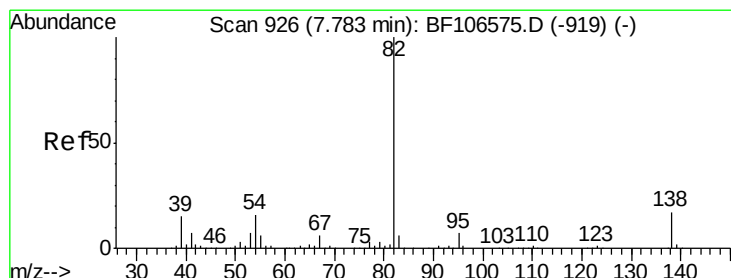
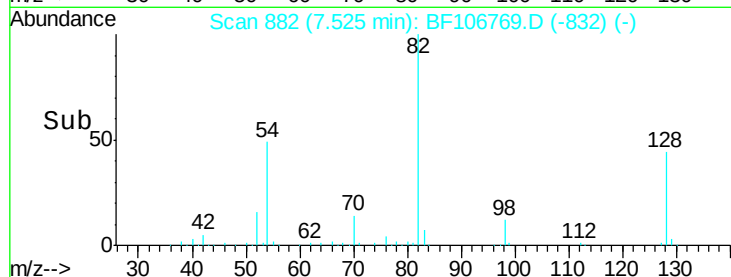
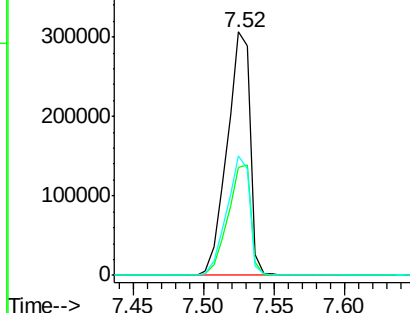
#23
Nitrobenzene-d5
Concen: 84.994 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106769.D
Acq: 25 Jun 2018 14:10

Instrument :
BNA_F
ClientSampled :
SP-D

Tgt Ion: 82 Resp: 346553
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 48.9 41.4 62.2

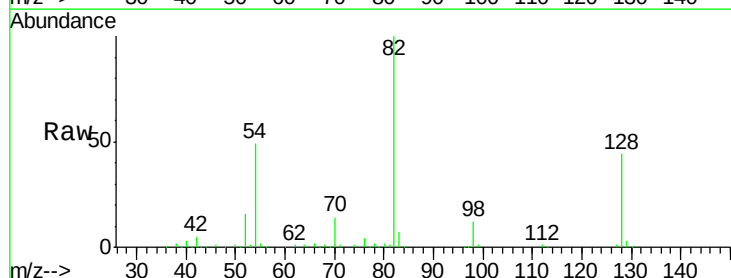


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

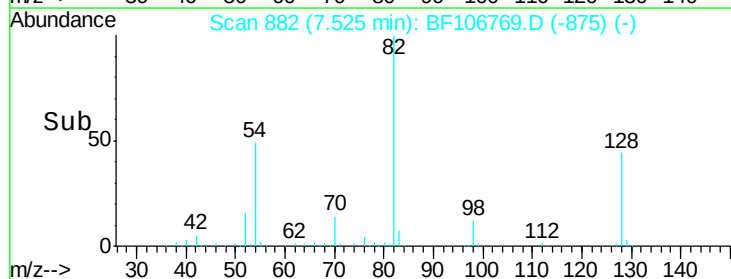
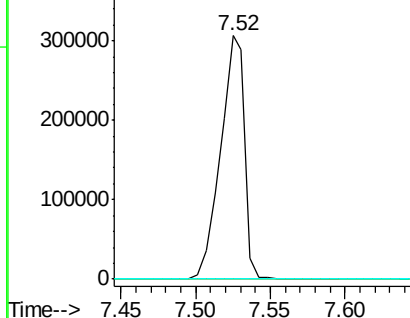


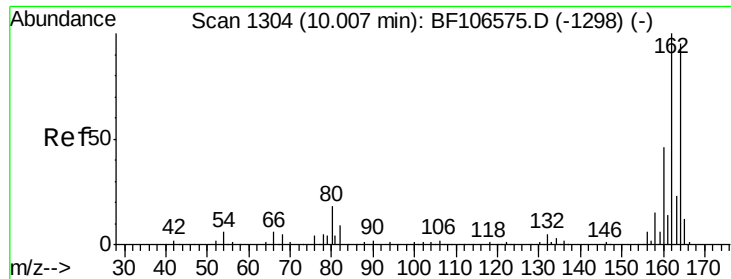
#25
Isophorone
Concen: 48.233 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106769.D
Acq: 25 Jun 2018 14:10

Tgt Ion: 82 Resp: 346550
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

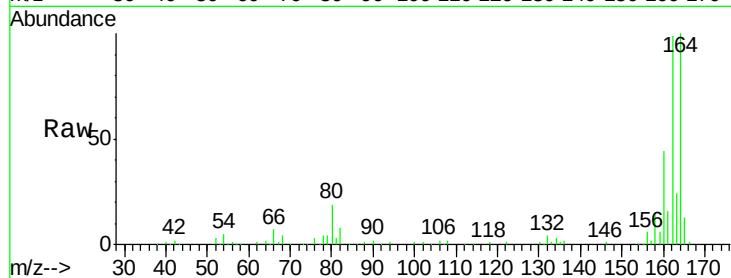




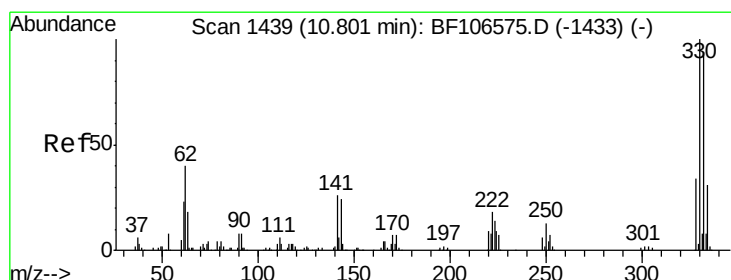
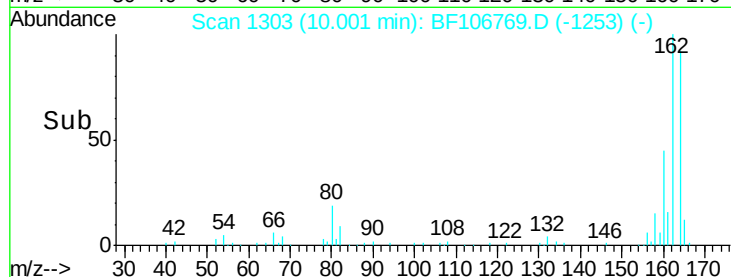
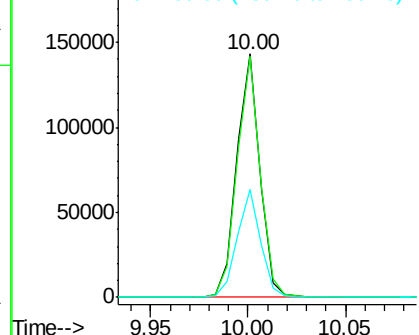
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106769.D
 Acq: 25 Jun 2018 14:10

Instrument :
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 ClientSampleId :
 SP-D

Tgt Ion:164 Resp: 117559
 Ion Ratio Lower Upper
 164 100
 162 98.7 86.1 129.1
 160 44.4 38.3 57.5

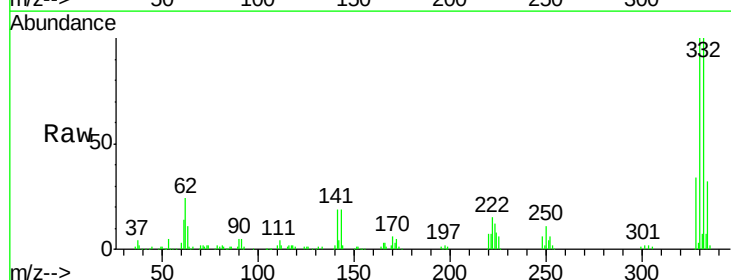


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

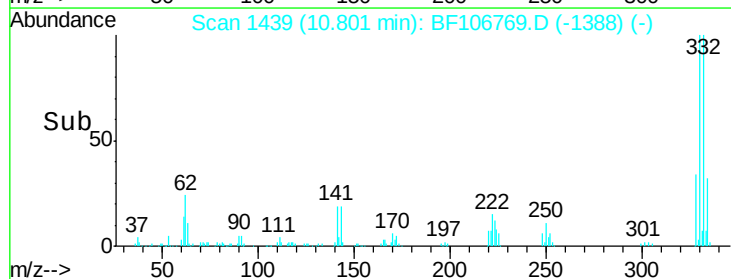
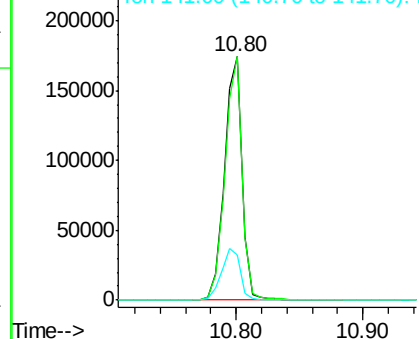


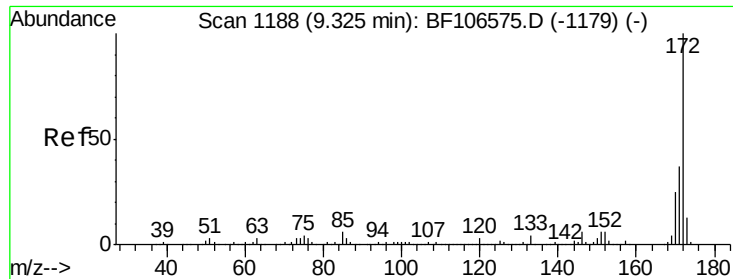
#41
 2,4,6-Tribromophenol
 Concen: 124.470 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106769.D
 Acq: 25 Jun 2018 14:10

Tgt Ion:330 Resp: 169595
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 22.5 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

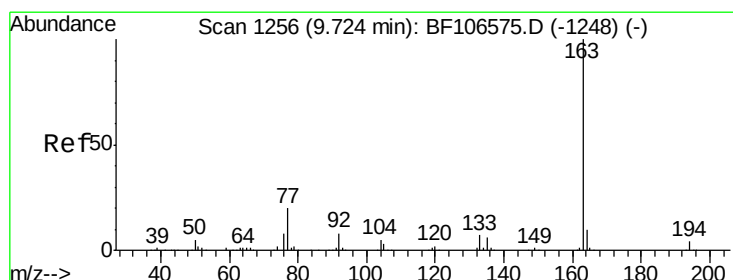
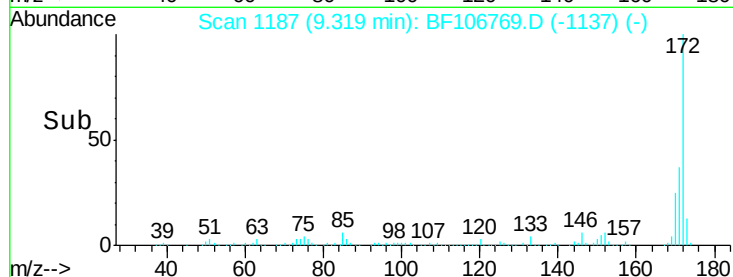
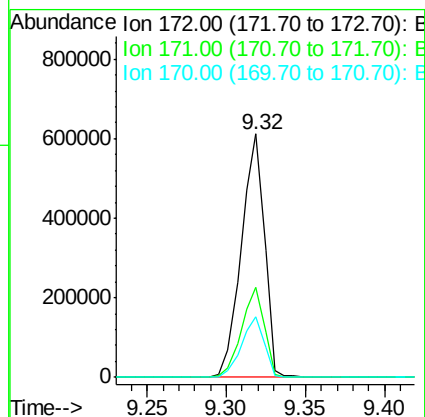
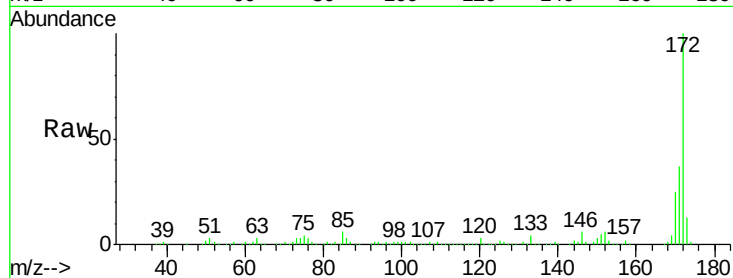




#44
 2-Fluorobiphenyl
 Concen: 89.976 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106769.D
 Acq: 25 Jun 2018 14:10

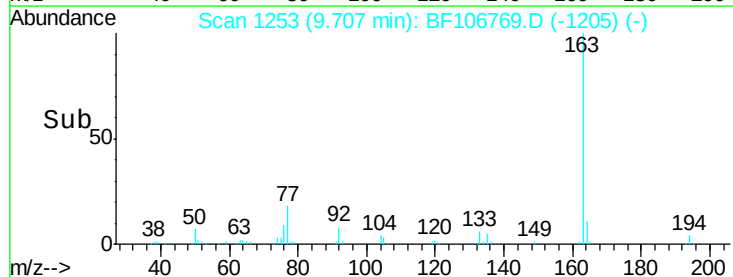
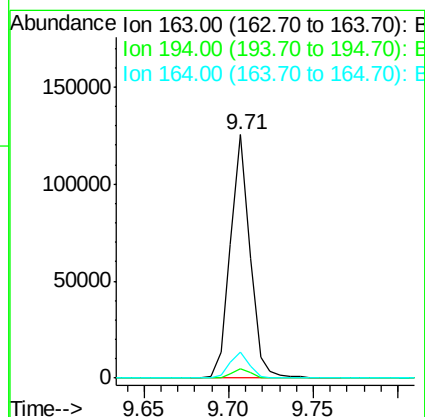
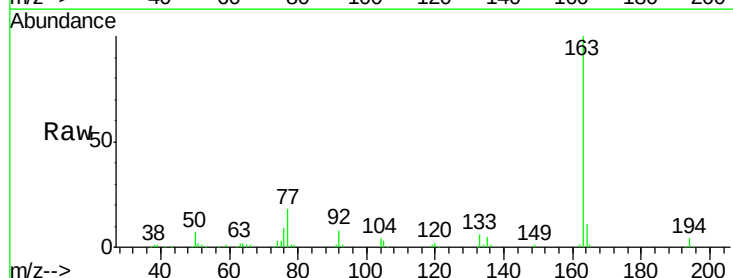
Instrument :
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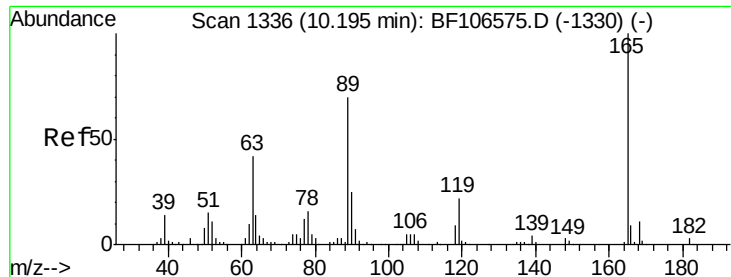
Tgt Ion:172 Resp: 618921
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.7 19.6 29.4



#49
 Dimethylphthalate
 Concen: 11.526 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106769.D
 Acq: 25 Jun 2018 14:10

Tgt Ion:163 Resp: 101629
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 10.7 8.2 12.2

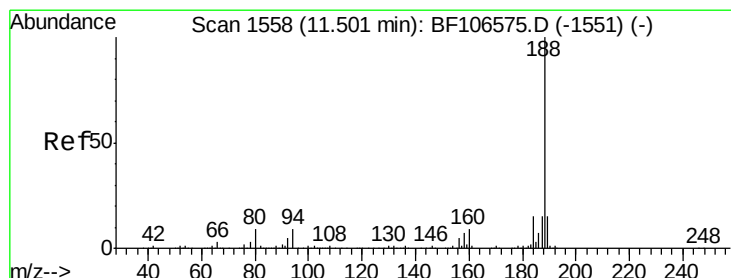
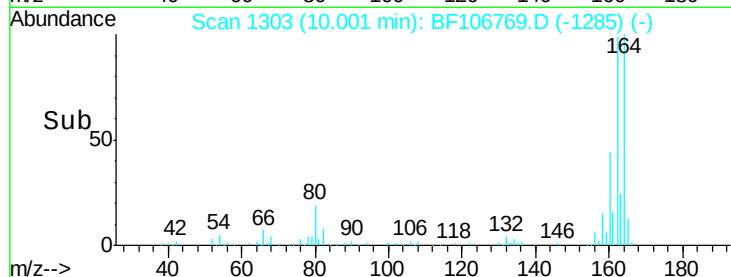
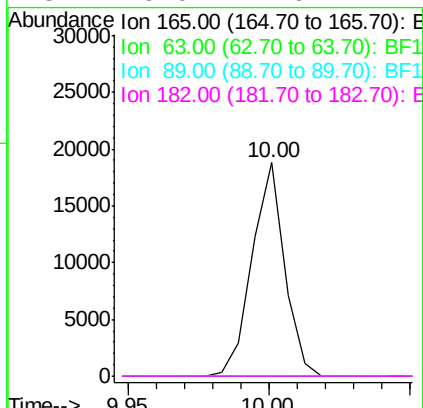
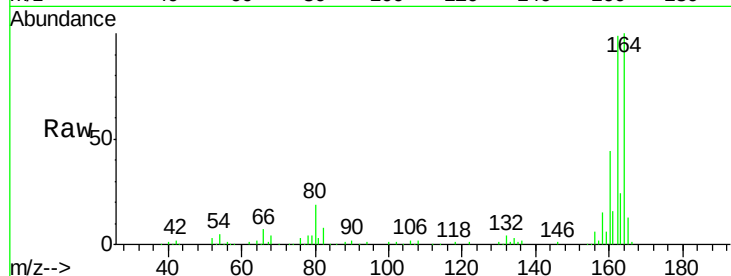




#56
2,4-Dinitrotoluene
Concen: 6.162 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106769.D
Acq: 25 Jun 2018 14:10

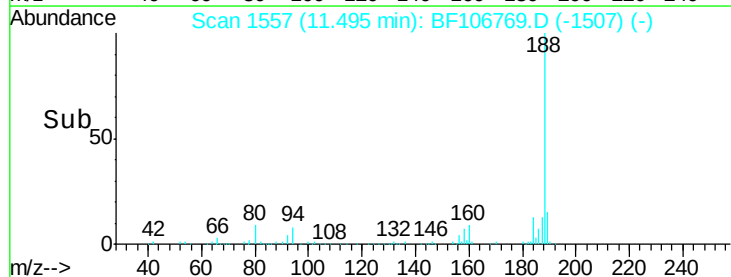
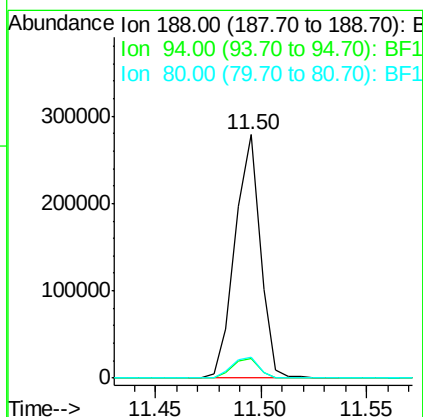
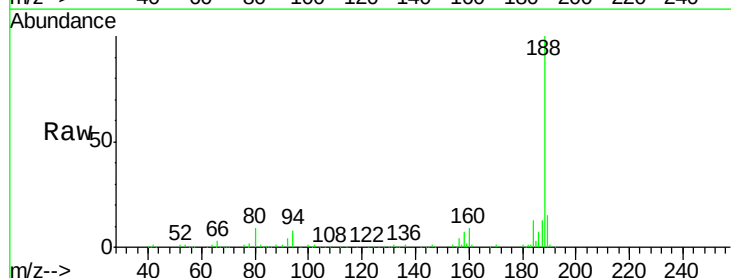
Instrument :
BNA_F
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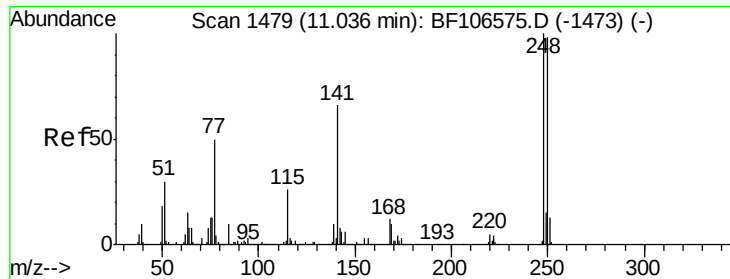
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106769.D
Acq: 25 Jun 2018 14:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.6	9.2	13.8#

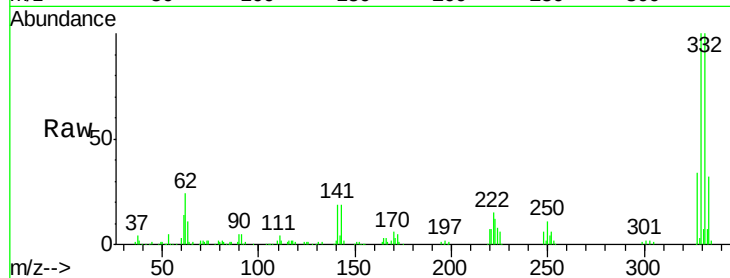




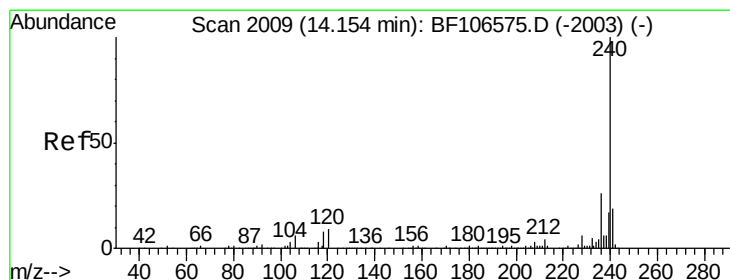
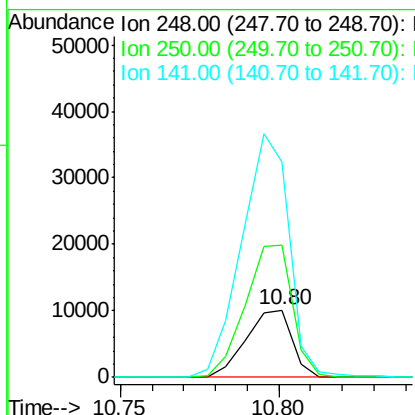
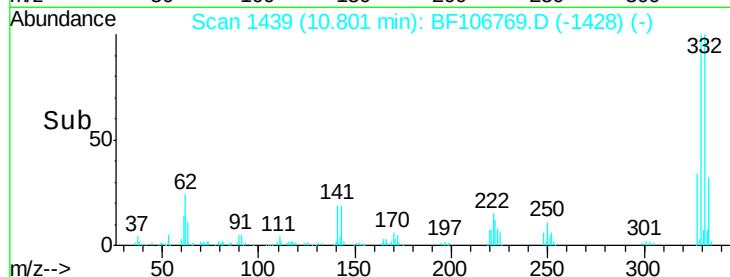
#66
4-Bromophenyl-phenylether
Concen: 3.712 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106769.D
Acq: 25 Jun 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SP-D

Tgt Ion:248 Resp: 10237
Ion Ratio Lower Upper
248 100
250 196.8 76.9 115.3#
141 320.5 74.4 111.6#

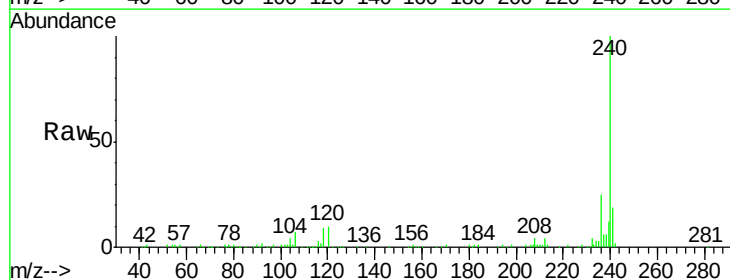


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

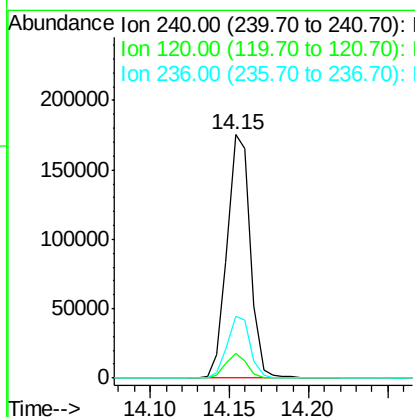
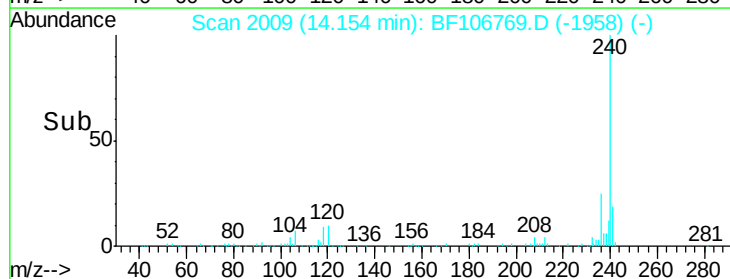


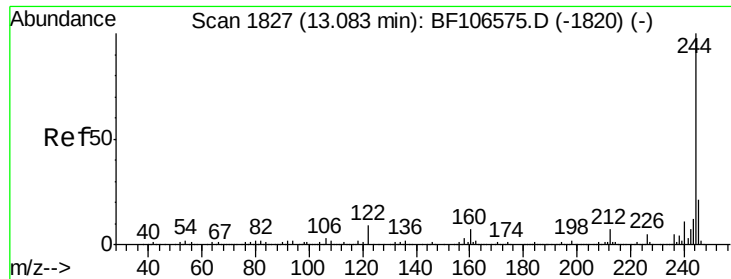
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106769.D
Acq: 25 Jun 2018 14:10

Tgt Ion:240 Resp: 178110
Ion Ratio Lower Upper
240 100
120 9.9 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

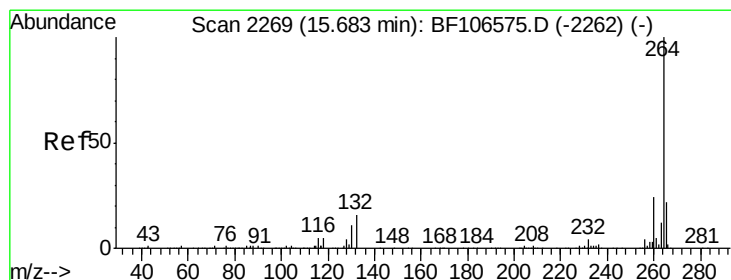
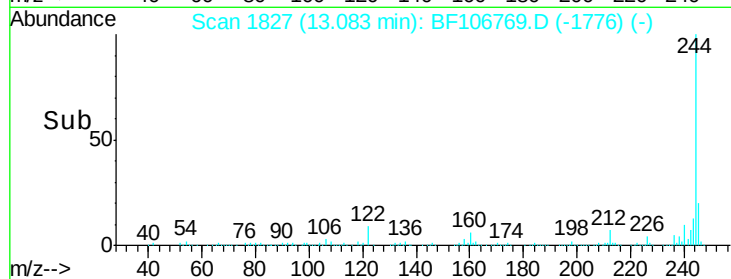
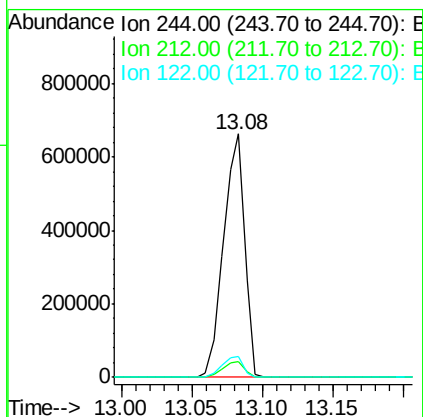
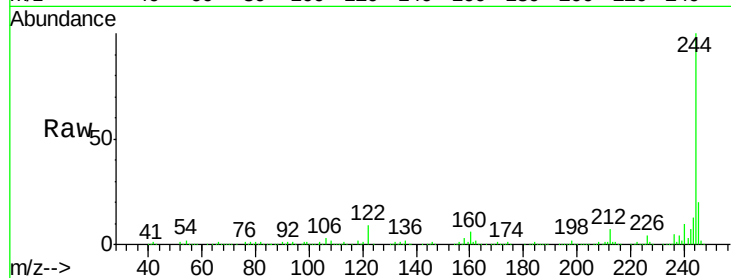




#78
 Terphenyl-d14
 Concen: 93.488 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106769.D
 Acq: 25 Jun 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SP-D

Tgt Ion:244 Resp: 687413
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2275
 Delta R.T. 0.03 min
 Lab File: BF106769.D
 Acq: 25 Jun 2018 14:10

Tgt Ion:264 Resp: 186013
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.3 17.5 26.3

