

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
 Data File : BF106668.D
 Acq On : 21 Jun 2018 18:40
 Operator : JU/SJ
 Sample : J3584-24
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

Quant Time: Jun 21 19:09:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 21 16:55:30 2018
 Response via : Initial Calibration

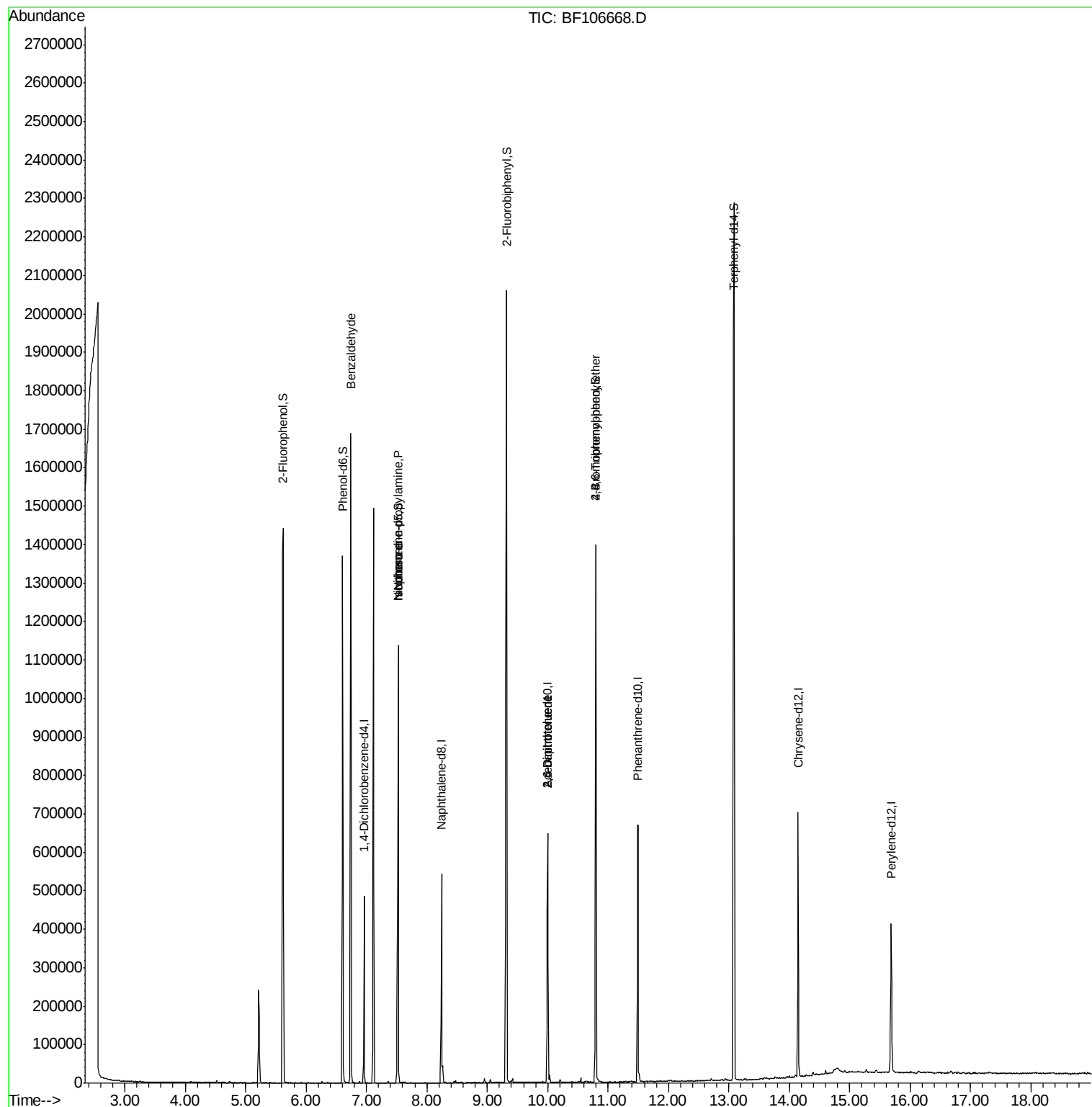
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	65244	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	250084	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	132014	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	277289	20.00	ng	0.00
75) Chrysene-d12	14.15	240	250766	20.00	ng	0.00
86) Perylene-d12	15.69	264	206741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	437064	113.43	ng	0.02
7) Phenol-d6	6.61	99	480275	99.81	ng	0.00
23) Nitrobenzene-d5	7.52	82	423023	94.00	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	237300	155.09	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	758653	99.85	ng	0.00
78) Terphenyl-d14	13.08	244	1023070	98.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	10923	2.689	ng	84
19) n-Nitroso-di-n-propylamine	7.52	70	55953	17.641	ng	# 71
25) Isophorone	7.52	82	423019	53.346	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	16713	7.971	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	16713	6.107	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	14748	4.457	ng	# 1

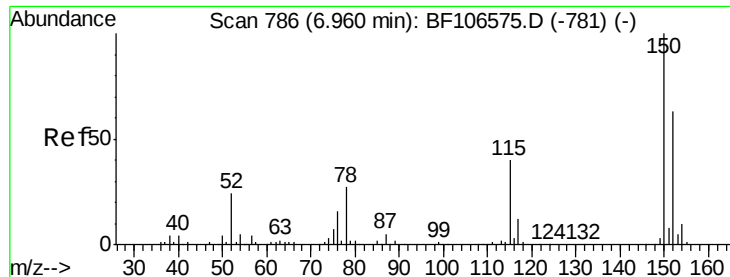
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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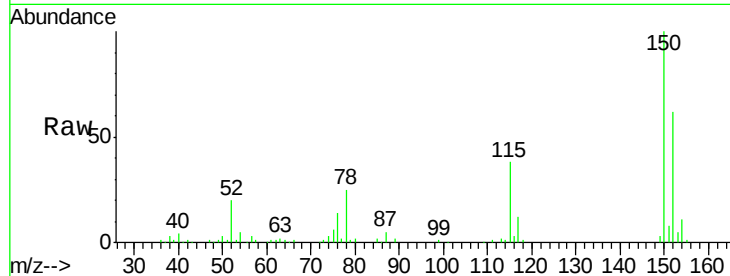


#1

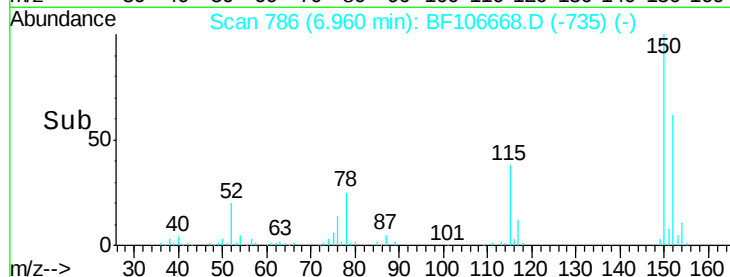
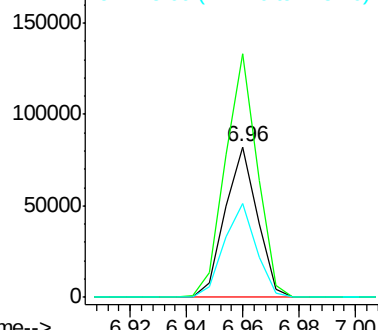
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106668.D
Acq: 21 Jun 2018 18:40

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tgt Ion:152 Resp: 65244
Ion Ratio Lower Upper
152 100
150 162.2 124.6 186.8
115 62.1 50.1 75.1



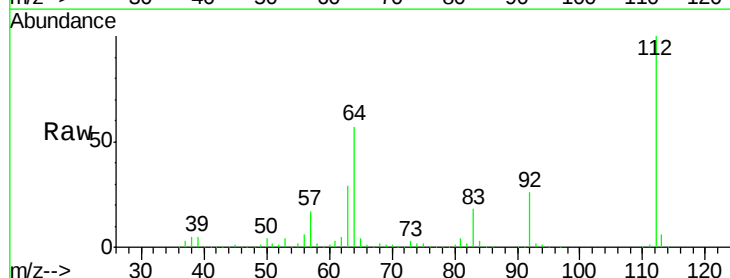
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



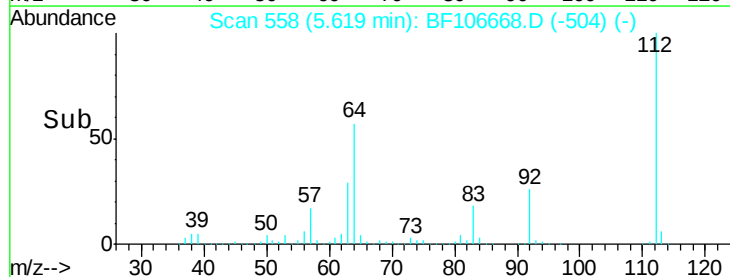
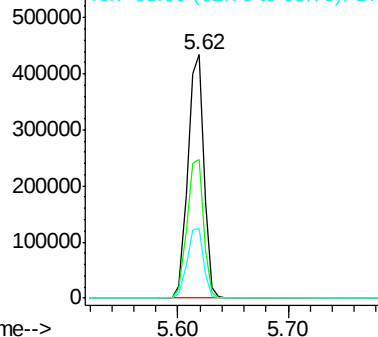
#5

2-Fluorophenol
Concen: 113.434 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF106668.D
Acq: 21 Jun 2018 18:40

Tgt Ion:112 Resp: 437064
Ion Ratio Lower Upper
112 100
64 57.0 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: 99.814 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106668.D

Acq: 21 Jun 2018 18:40

Instrument :

BNA_F

ClientSampleId :

TP-1-D

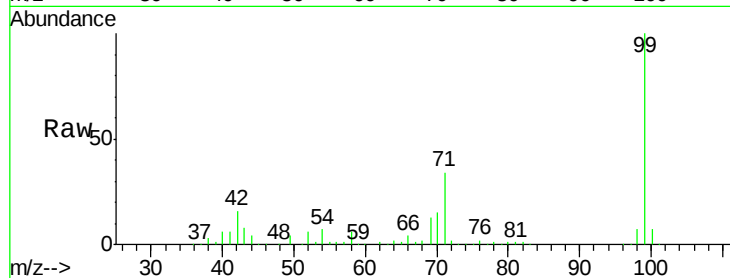
Tgt Ion: 99 Resp: 480275

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

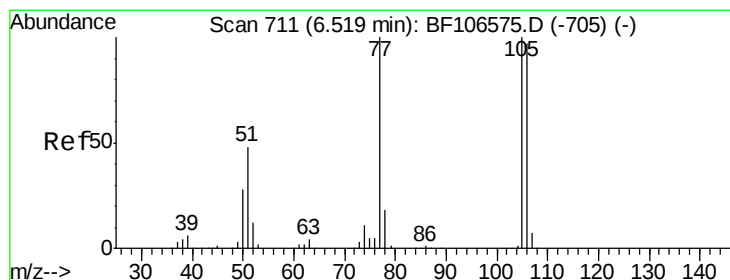
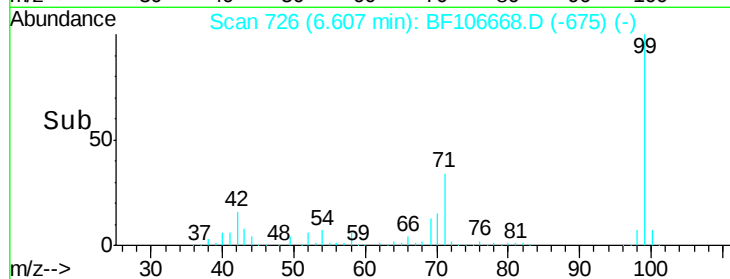
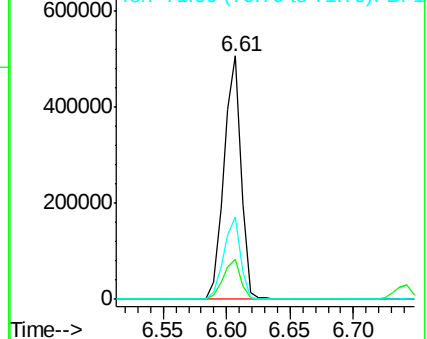
71 33.8 25.4 38.0



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: 2.689 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106668.D

Acq: 21 Jun 2018 18:40

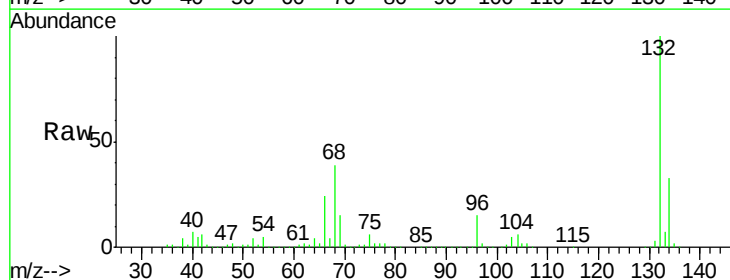
Tgt Ion: 77 Resp: 10923

Ion Ratio Lower Upper

77 100

105 84.1 81.1 121.1

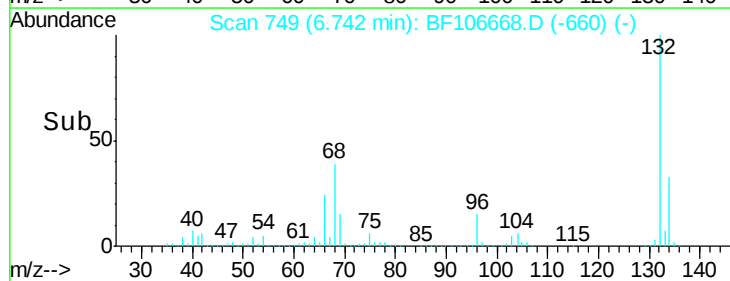
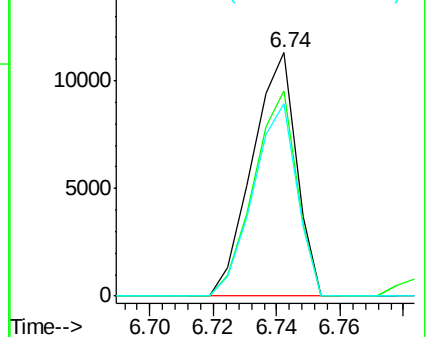
106 79.0 74.5 114.5

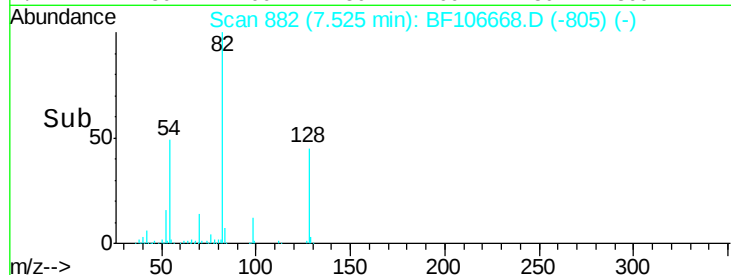
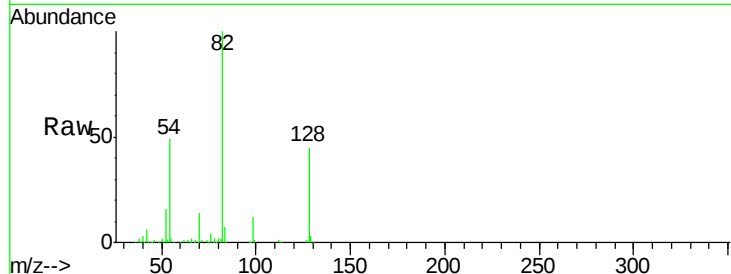


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

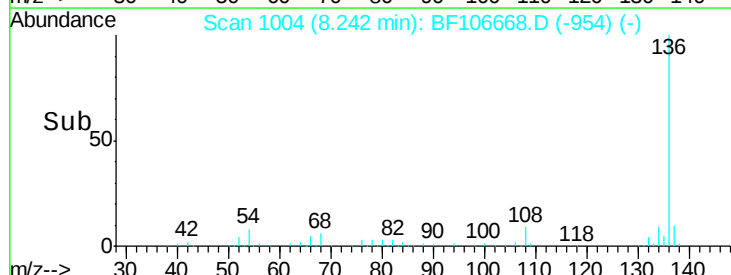
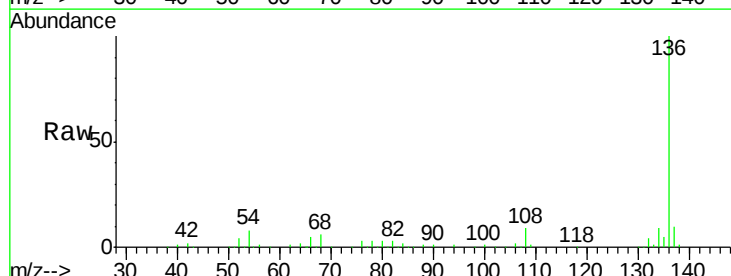
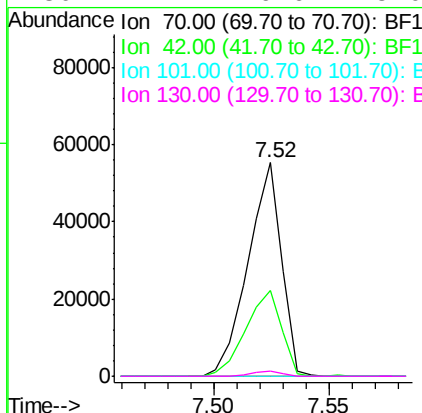




#19
n-Nitroso-di-n-propylamine
Concen: 17.641 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106668.D
Acq: 21 Jun 2018 18:40

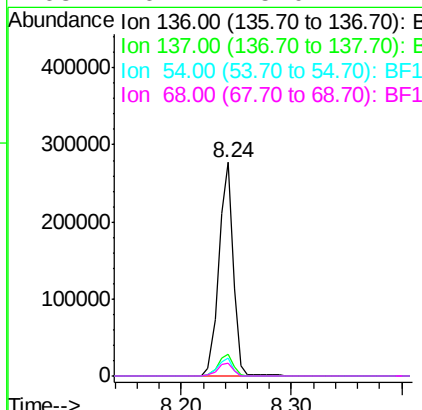
Instrument :
BNA_F
ClientSampleId :
TP-1-D

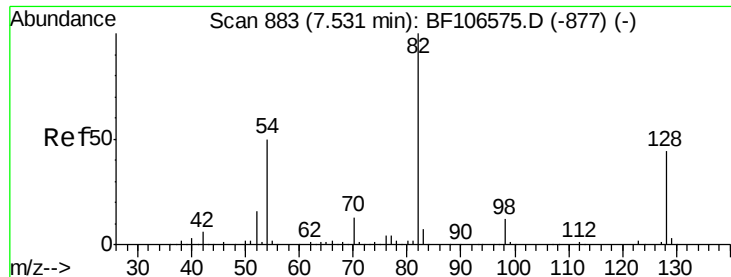
Tgt Ion: 70 Resp: 55953
Ion Ratio Lower Upper
70 100
42 40.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106668.D
Acq: 21 Jun 2018 18:40

Tgt Ion: 136 Resp: 250084
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.3 6.6 9.8
68 6.1 5.0 7.4

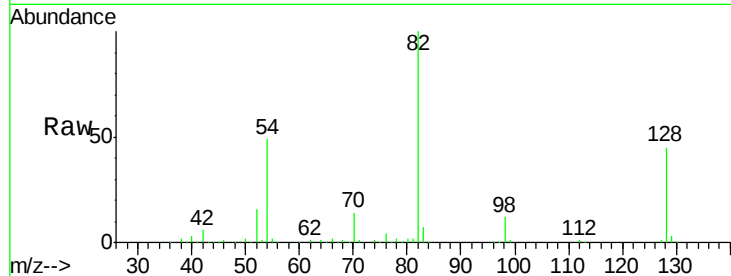




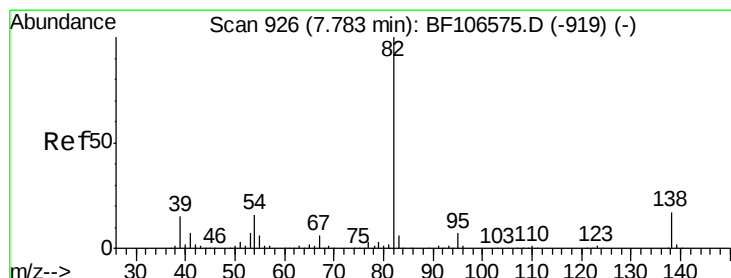
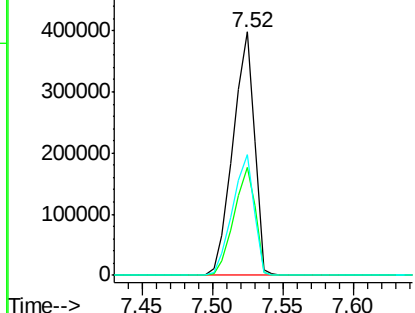
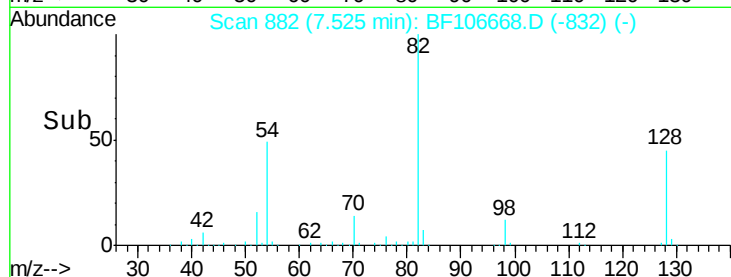
#23
Nitrobenzene-d5
Concen: 94.004 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106668.D
Acq: 21 Jun 2018 18:40

Instrument :
BNA_F
ClientSampled :
TP-1-D

Tgt Ion: 82 Resp: 423023
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 49.4 41.4 62.2

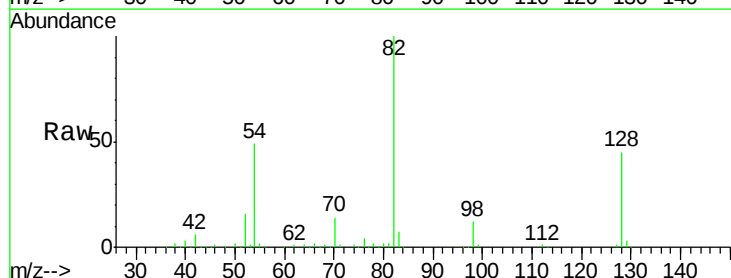


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

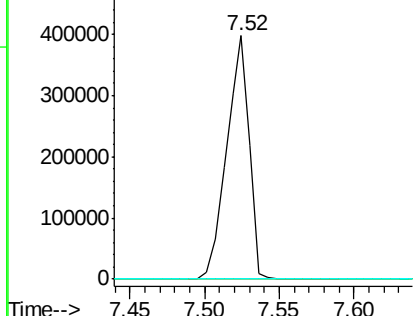
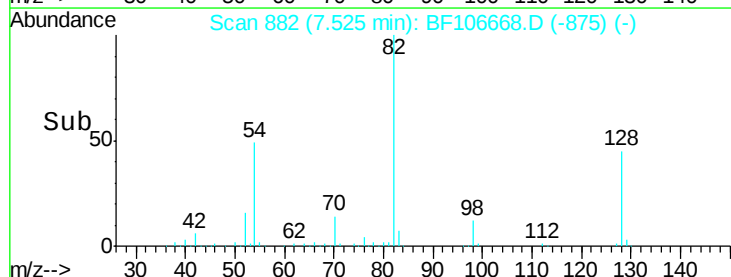


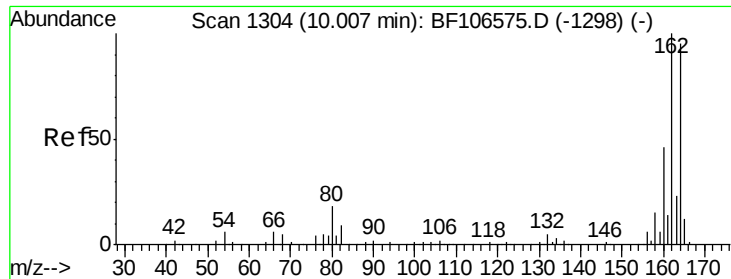
#25
Isophorone
Concen: 53.346 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106668.D
Acq: 21 Jun 2018 18:40

Tgt Ion: 82 Resp: 423019
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

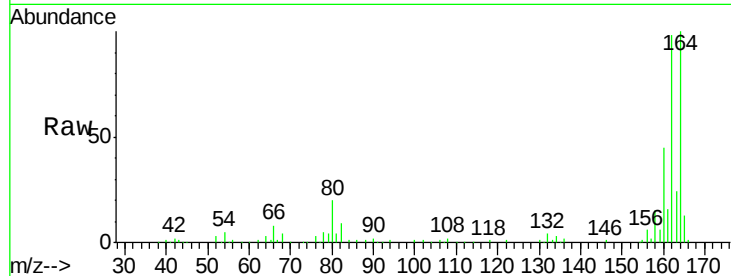




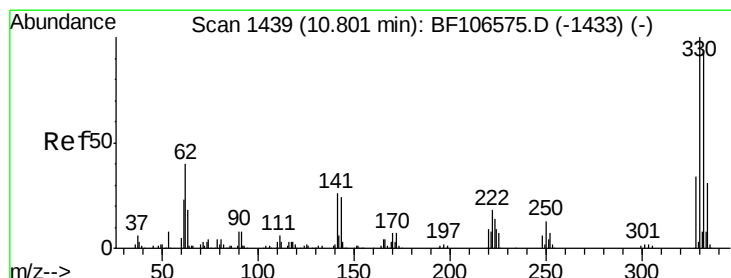
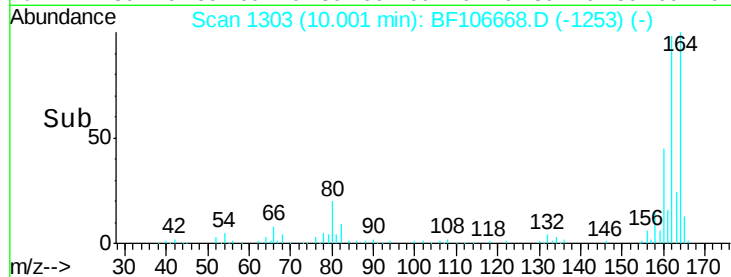
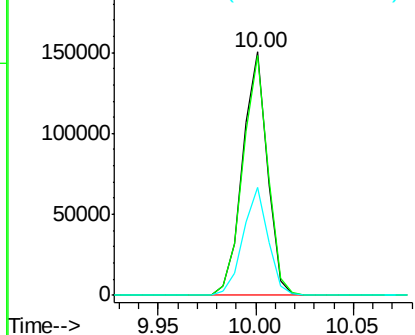
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106668.D
Acq: 21 Jun 2018 18:40

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tgt Ion:164 Resp: 132014
Ion Ratio Lower Upper
164 100
162 98.4 86.1 129.1
160 44.5 38.3 57.5

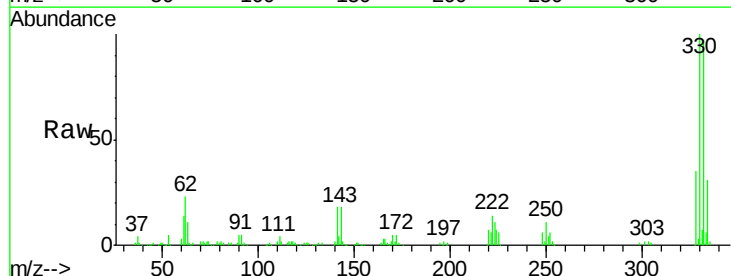


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

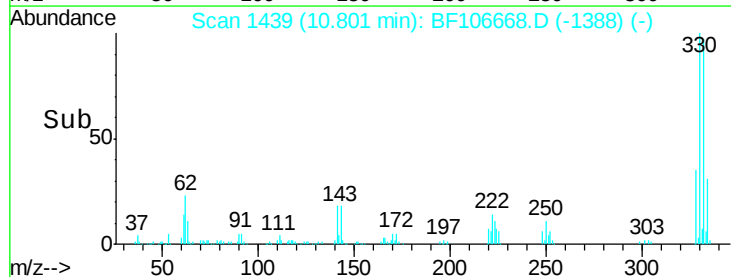
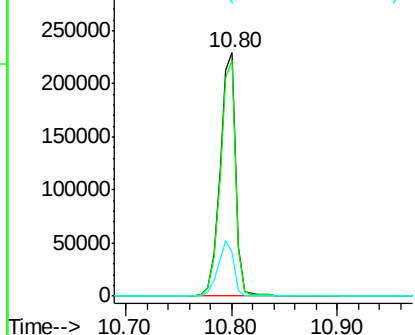


#41
2,4,6-Tribromophenol
Concen: 155.090 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF106668.D
Acq: 21 Jun 2018 18:40

Tgt Ion:330 Resp: 237300
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 23.1 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

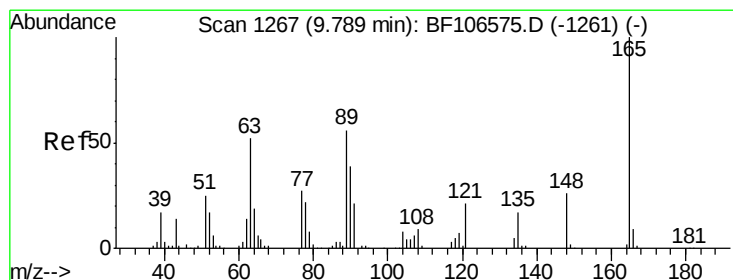
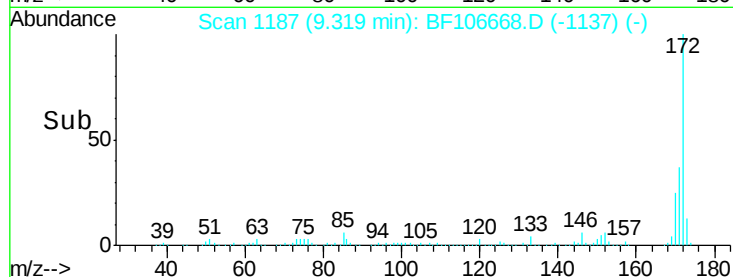
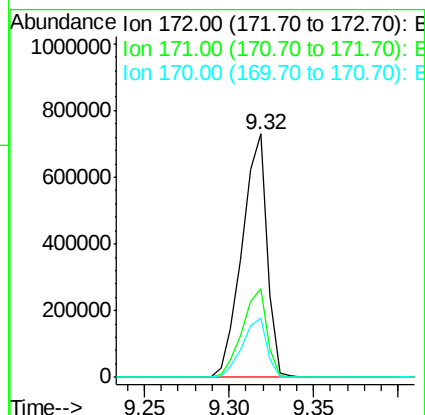
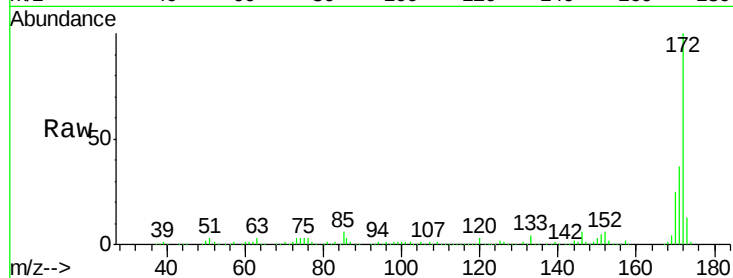




#44
 2-Fluorobiphenyl
 Concen: 99.848 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106668.D
 Acq: 21 Jun 2018 18:40

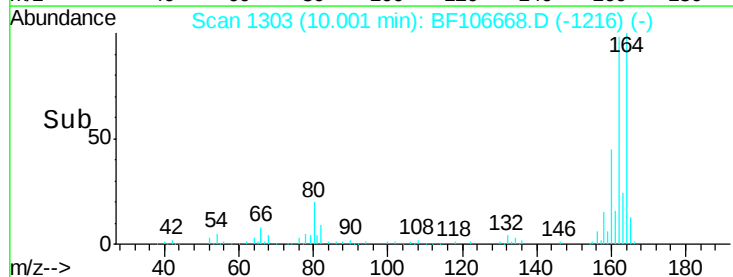
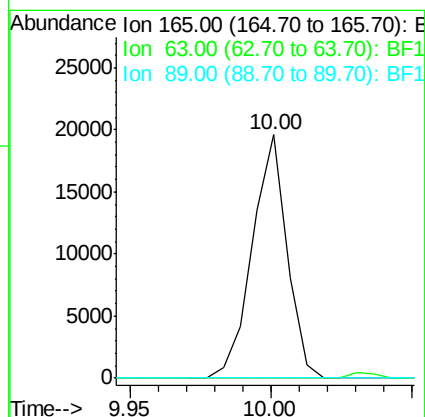
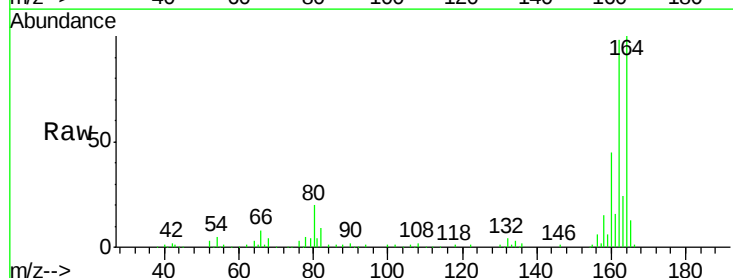
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

Tgt Ion:172 Resp: 758653
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.971 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF106668.D
 Acq: 21 Jun 2018 18:40

Tgt Ion:165 Resp: 16713
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

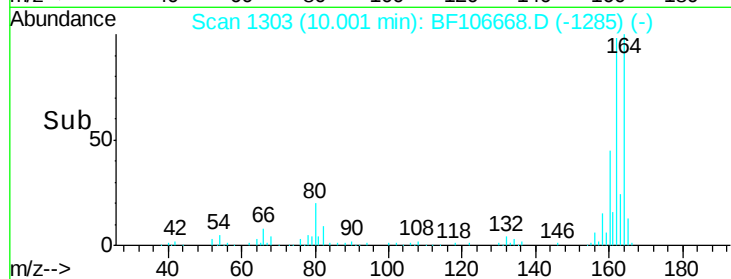
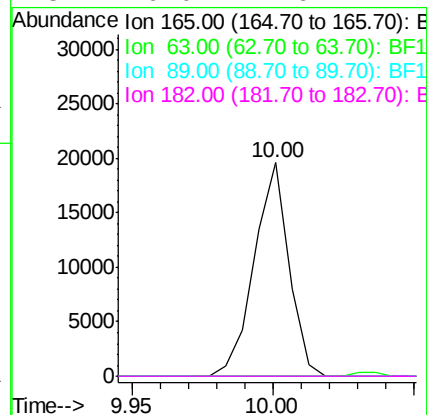
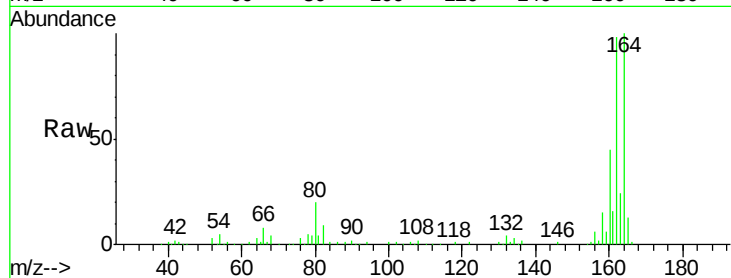




#56
2,4-Dinitrotoluene
Concen: 6.107 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106668.D
Acq: 21 Jun 2018 18:40

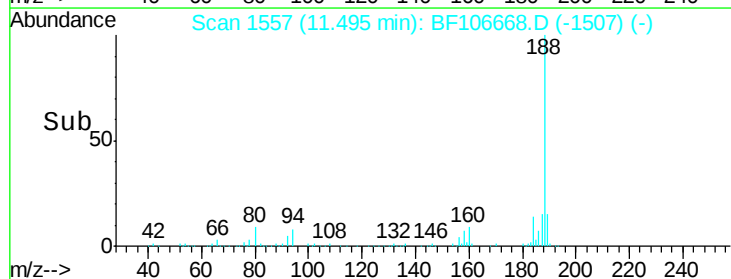
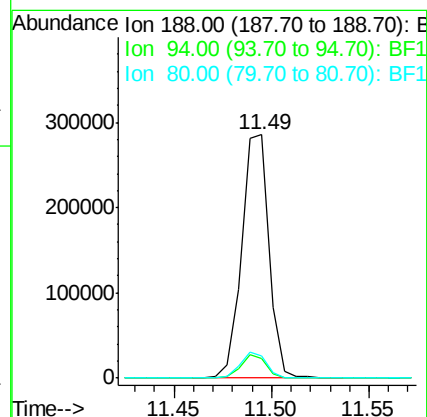
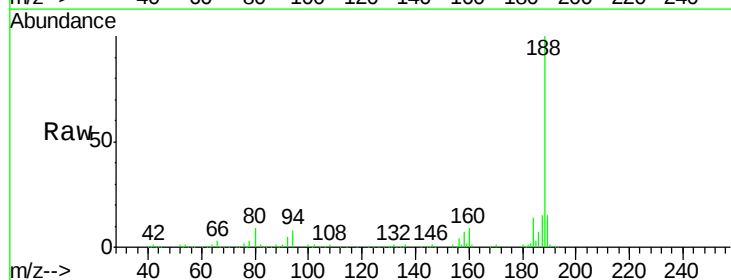
Instrument :
BNA_F
ClientSampleId :
TP-1-D

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: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106668.D
Acq: 21 Jun 2018 18:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.9	9.2	13.8#

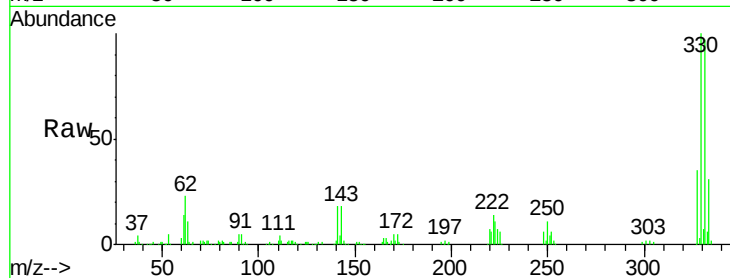




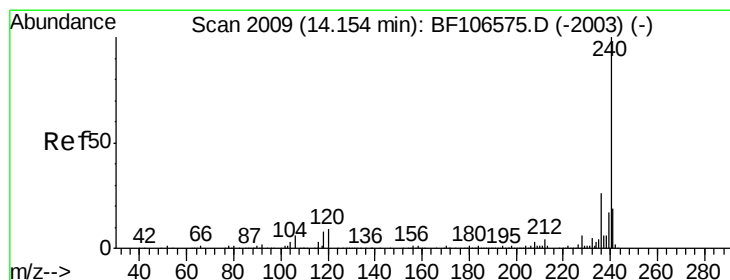
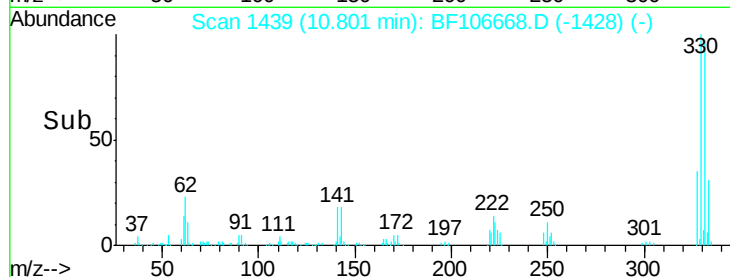
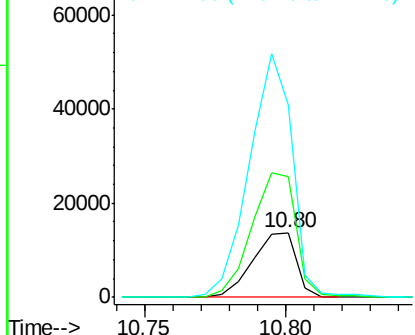
#66
4-Bromophenyl-phenylether
Concen: 4.457 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106668.D
Acq: 21 Jun 2018 18:40

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tgt Ion:248 Resp: 14748
Ion Ratio Lower Upper
248 100
250 186.8 76.9 115.3#
141 298.0 74.4 111.6#

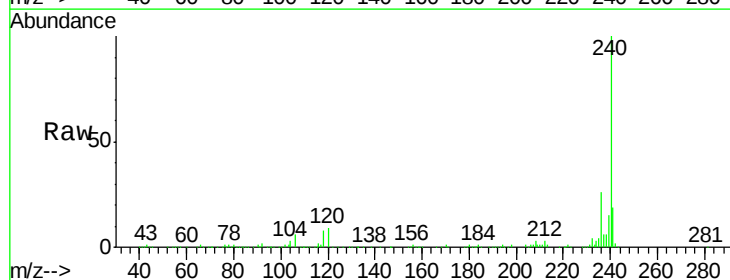


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

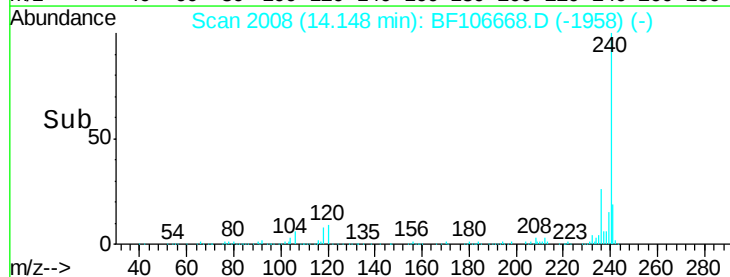
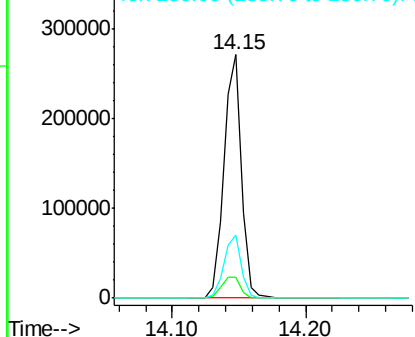


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106668.D
Acq: 21 Jun 2018 18:40

Tgt Ion:240 Resp: 250766
Ion Ratio Lower Upper
240 100
120 8.8 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: 98.824 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106668.D

Acq: 21 Jun 2018 18:40

Instrument :

BNA_F

ClientSampleId :

TP-1-D

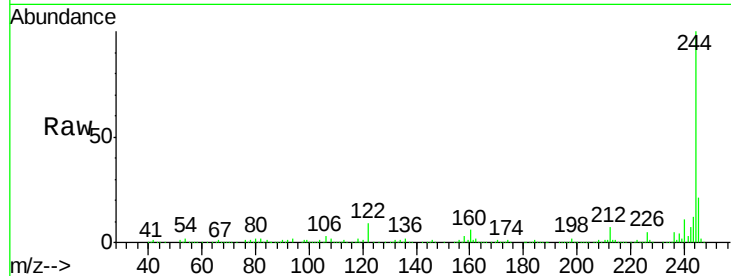
Tgt Ion:244 Resp: 1023070

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

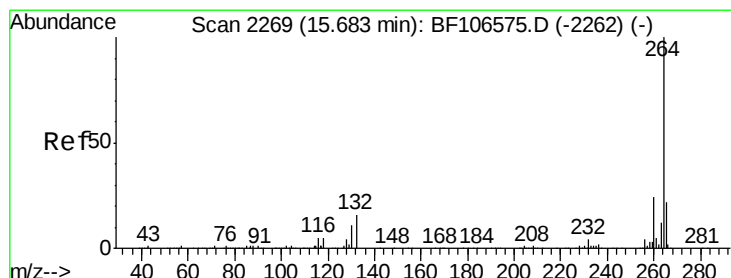
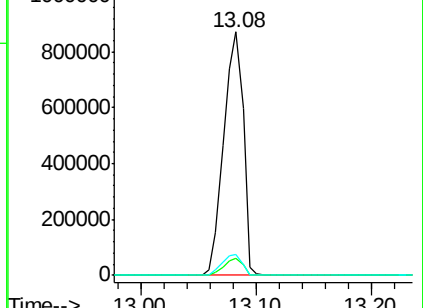
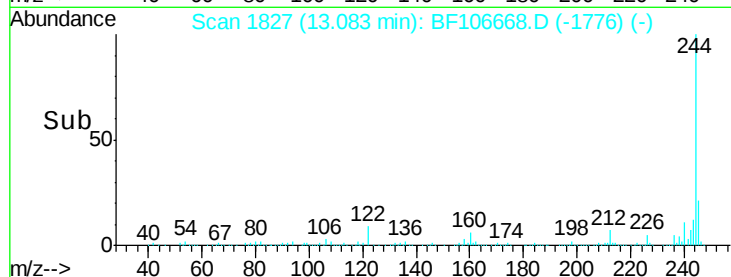
122 8.8 11.0 16.4#



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: 15.69 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF106668.D

Acq: 21 Jun 2018 18:40

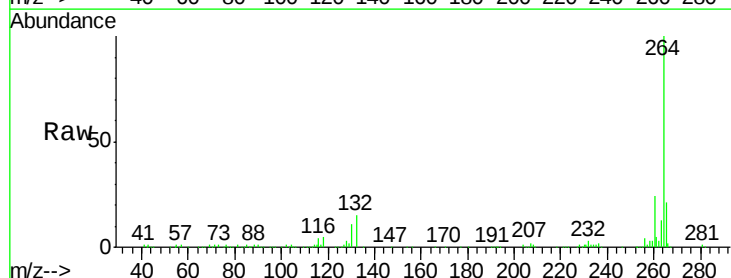
Tgt Ion:264 Resp: 206741

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.9 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

