

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107399.D
 Acq On : 14 Jul 2018 6:40
 Operator : JU/SJ
 Sample : PB111110BL
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BL

Quant Time: Jul 14 07:02:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

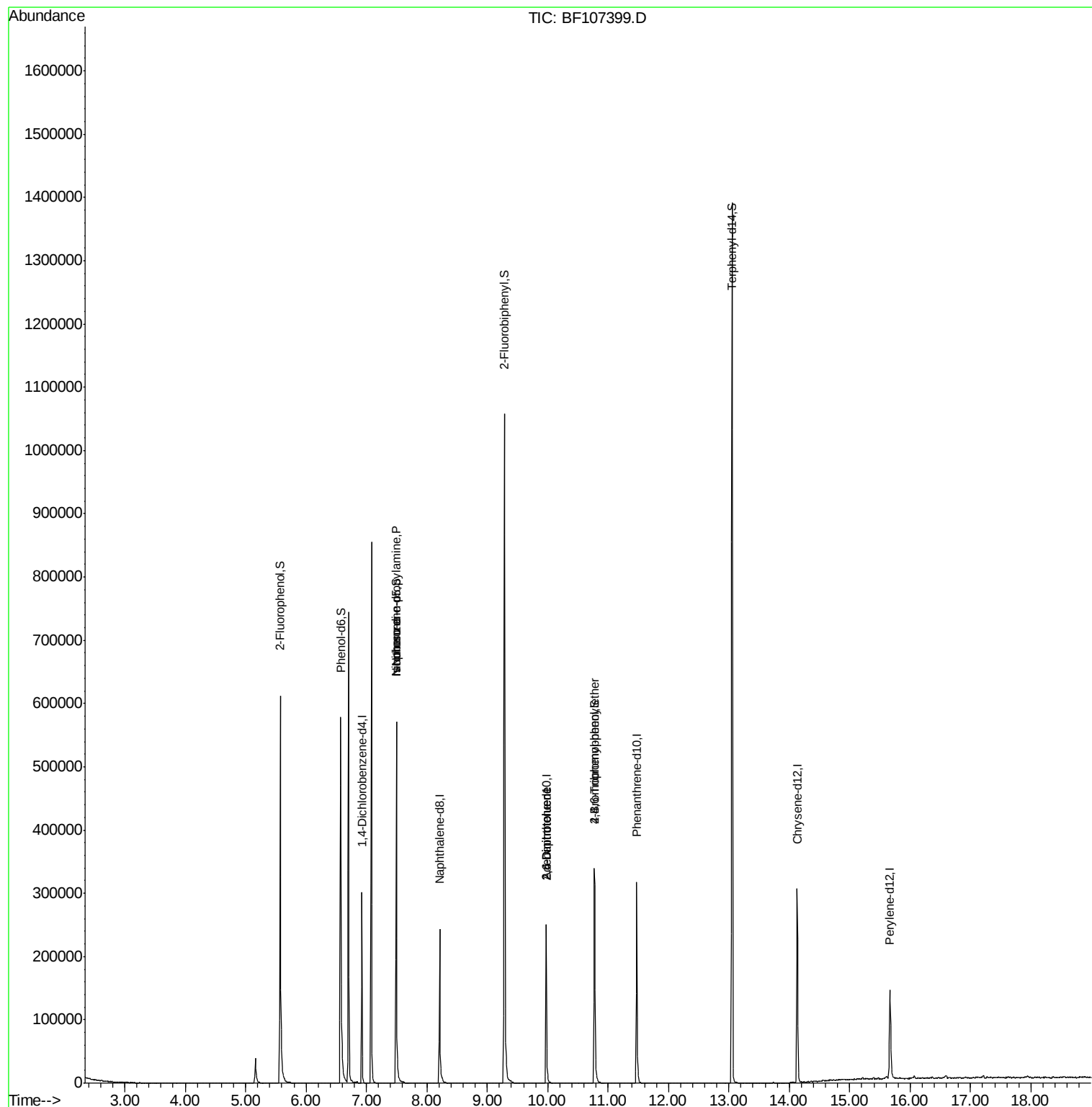
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	43024	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	148225	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	69765	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	149035	20.00	ng	0.00
75) Chrysene-d12	14.13	240	134947	20.00	ng	0.00
86) Perylene-d12	15.67	264	95883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	217946	85.78	ng	0.00
7) Phenol-d6	6.57	99	253822	79.99	ng	0.00
23) Nitrobenzene-d5	7.50	82	225857	84.68	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	63588	78.64	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	427551	107.66	ng	0.00
78) Terphenyl-d14	13.05	244	539951	96.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	27994	13.384	ng	# 73
25) Isophorone	7.50	82	225856	48.055	ng	# 64
50) 2,6-Dinitrotoluene	9.97	165	8694	7.847	ng	# 24
56) 2,4-Dinitrotoluene	9.97	165	8694	6.011	ng	# 21
66) 4-Bromophenyl-phenylether	10.77	248	3600	2.024	ng	# 1

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

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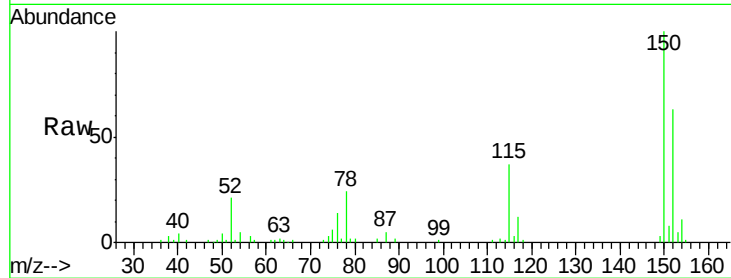


#1

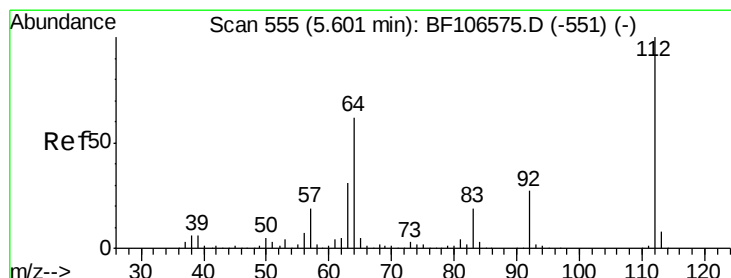
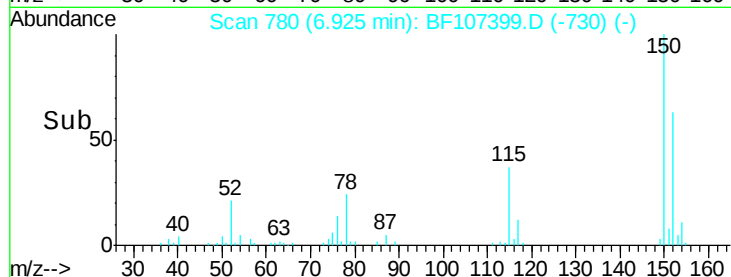
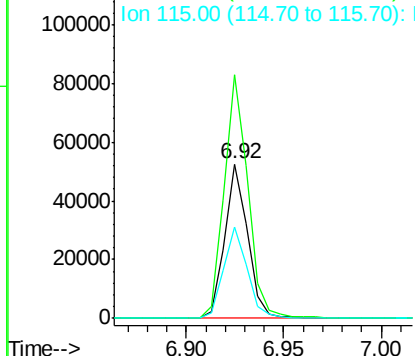
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107399.D
Acq: 14 Jul 2018 6:40

Instrument :
BNA_F
ClientSampleId :
PB111110BL

Tgt Ion:152 Resp: 43024
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 58.9 50.1 75.1



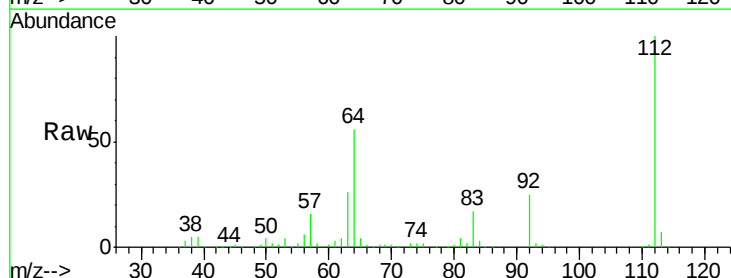
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



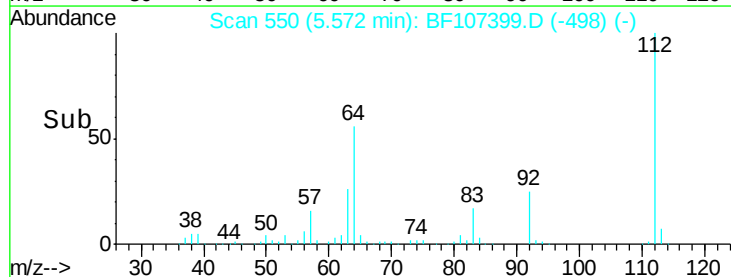
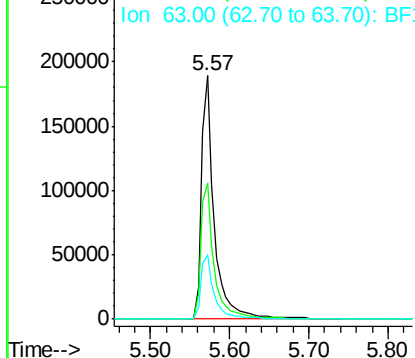
#5

2-Fluorophenol
Concen: 85.778 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107399.D
Acq: 14 Jul 2018 6:40

Tgt Ion:112 Resp: 217946
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 26.4 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: 79.995 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF107399.D

Acq: 14 Jul 2018 6:40

Instrument :

BNA_F

ClientSampleId :

PB111110BL

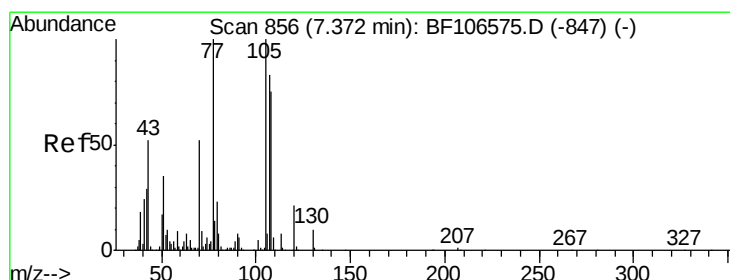
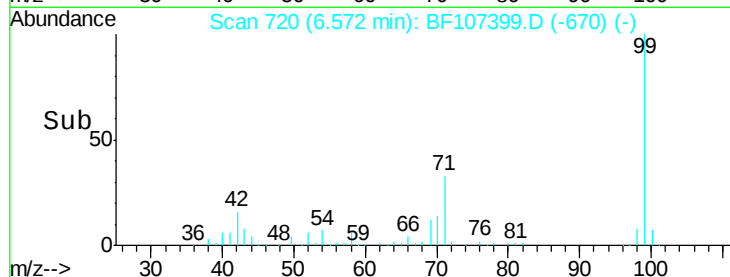
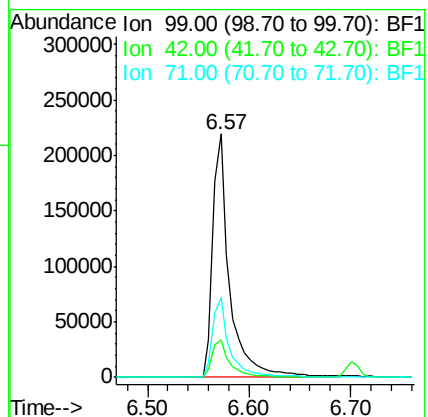
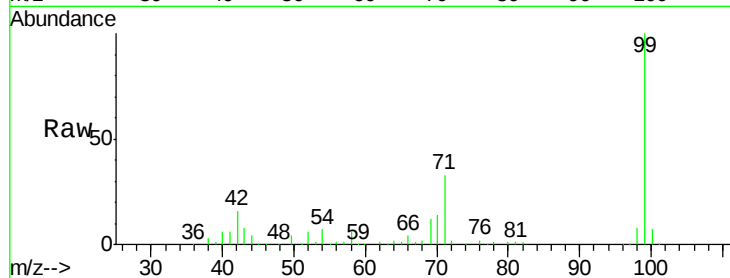
Tgt Ion: 99 Resp: 253822

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

71 32.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.384 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107399.D

Acq: 14 Jul 2018 6:40

Tgt Ion: 70 Resp: 27994

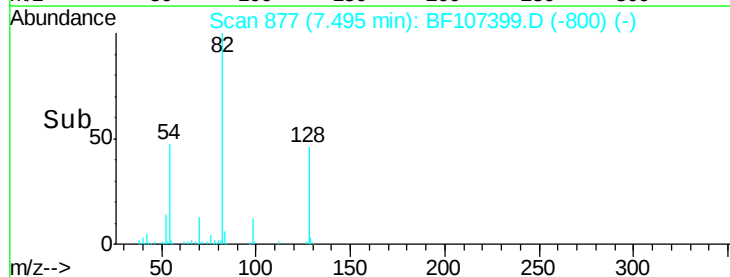
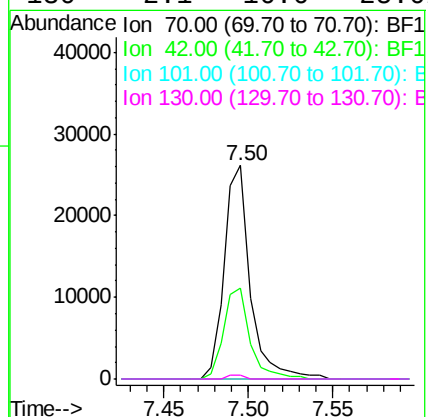
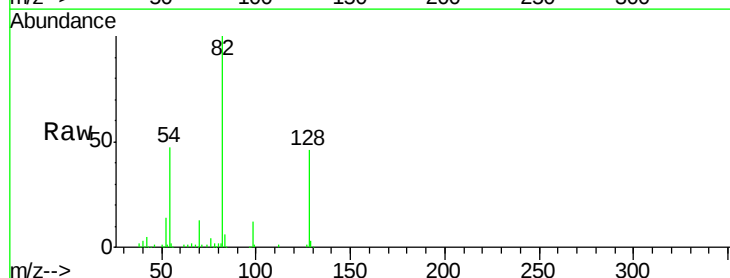
Ion Ratio Lower Upper

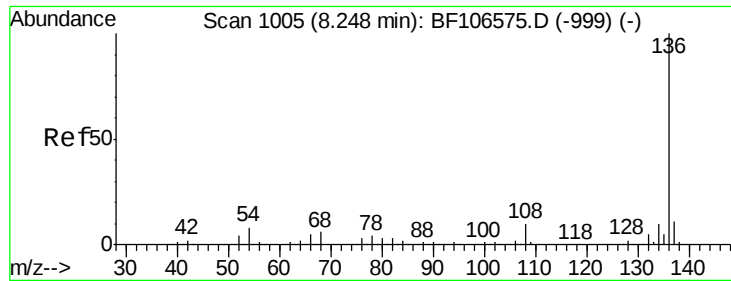
70 100

42 42.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

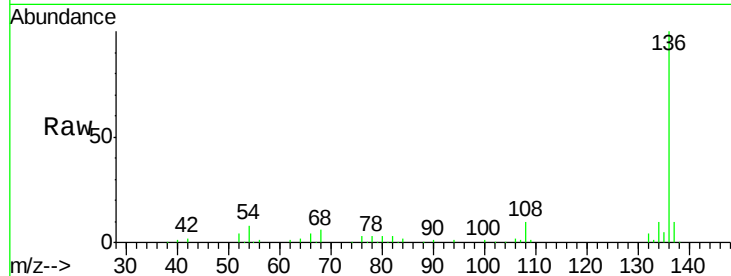




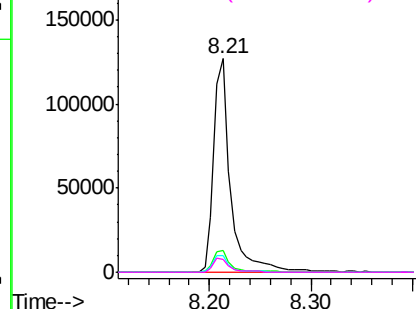
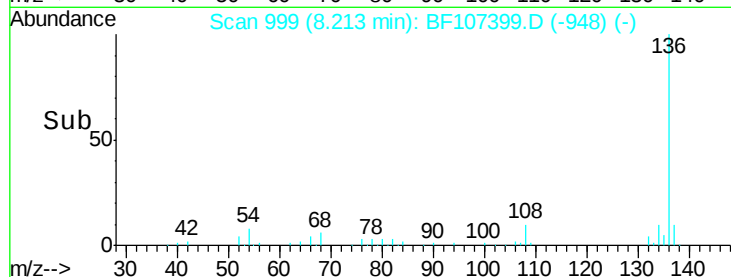
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF107399.D
Acq: 14 Jul 2018 6:40

Instrument :
BNA_F
ClientSampleId :
PB111110BL

Tgt Ion:	136	Resp:	148225
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	7.6	6.6	9.8
68	5.8	5.0	7.4

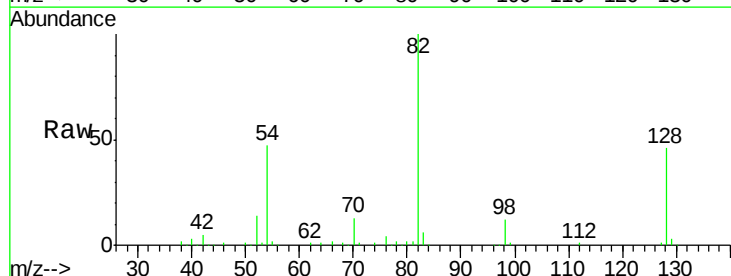


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

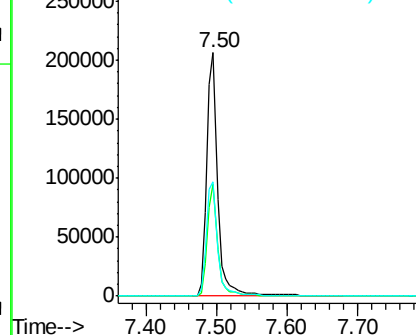
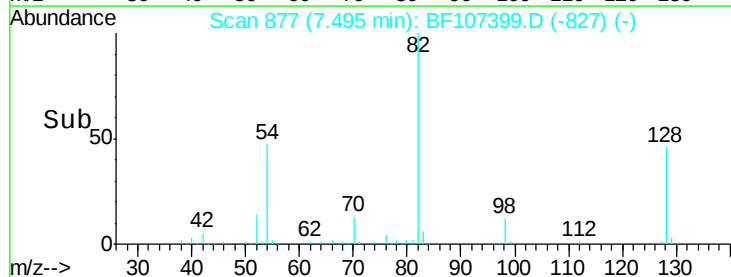


#23
Nitrobenzene-d5
Concen: 84.680 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107399.D
Acq: 14 Jul 2018 6:40

Tgt Ion:	82	Resp:	225857
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	46.8	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: 48.055 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF107399.D

Acq: 14 Jul 2018 6:40

Instrument :

BNA_F

ClientSampleId :

PB111110BL

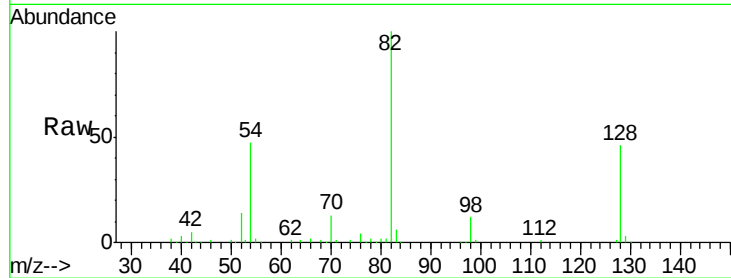
Tgt Ion: 82 Resp: 225856

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

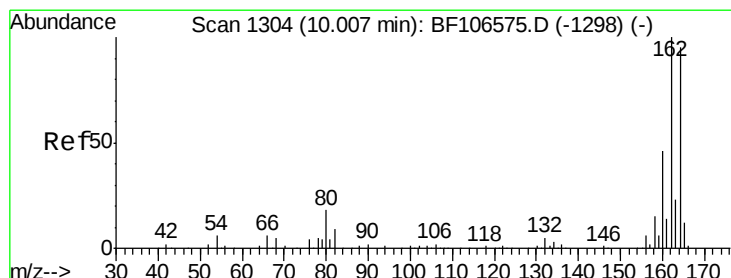
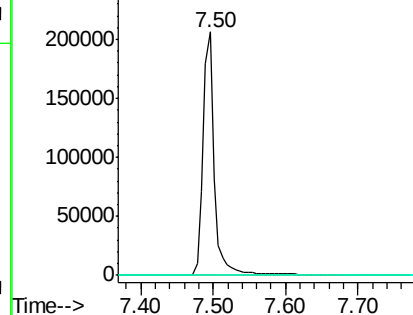
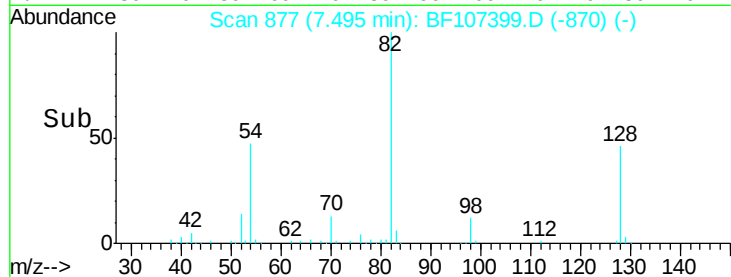
138 0.0 14.9 22.3#



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: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107399.D

Acq: 14 Jul 2018 6:40

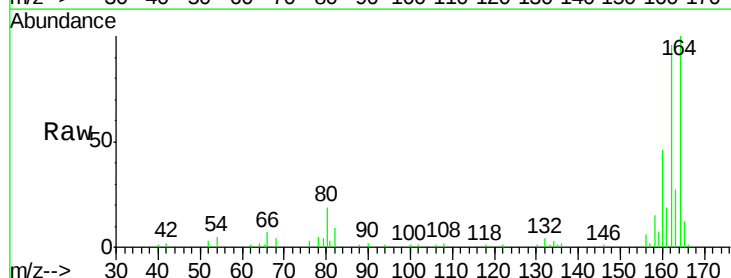
Tgt Ion: 164 Resp: 69765

Ion Ratio Lower Upper

164 100

162 95.7 86.1 129.1

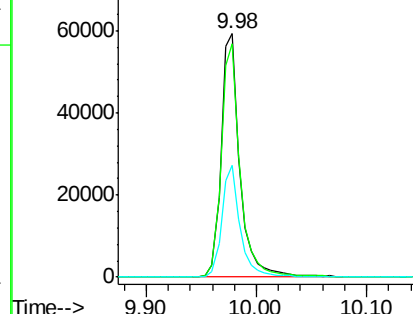
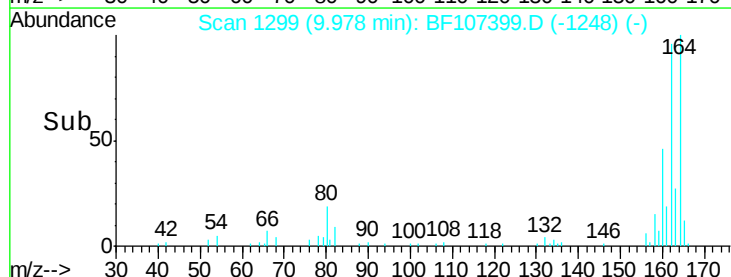
160 45.8 38.3 57.5



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

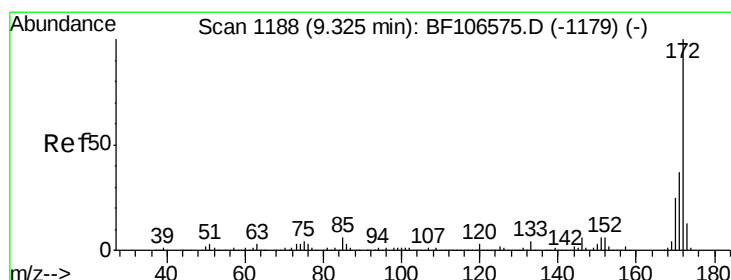
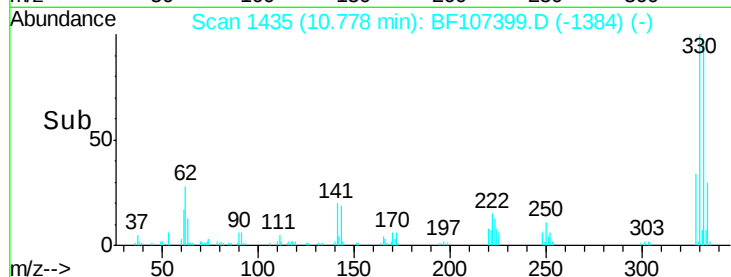
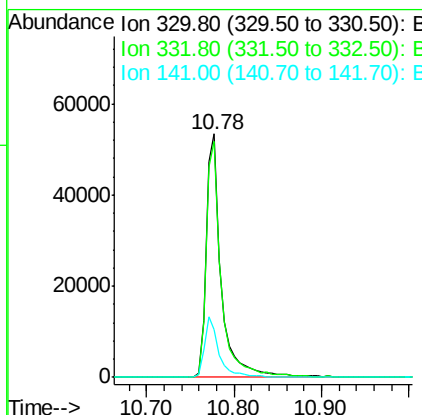
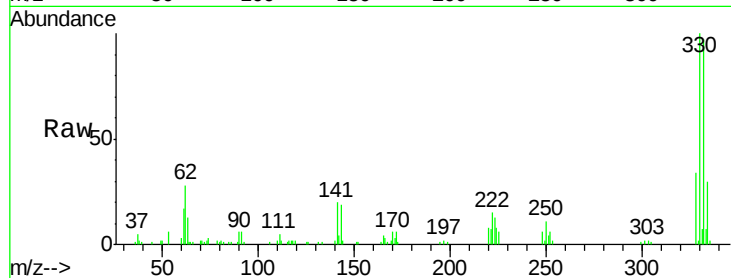




#41
 2,4,6-Tribromophenol
 Concen: 78.640 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107399.D
 Acq: 14 Jul 2018 6:40

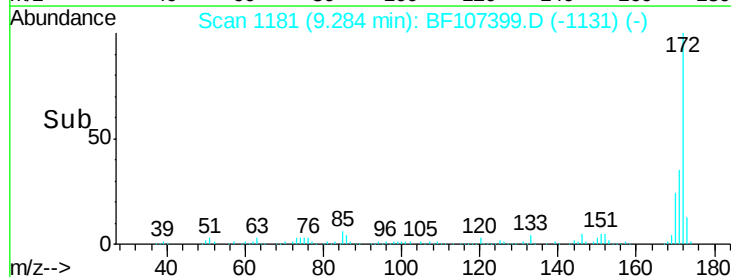
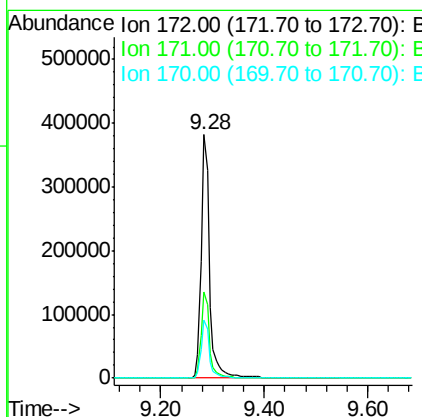
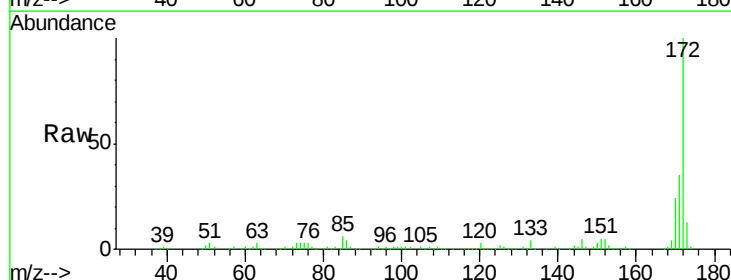
Instrument :
 BNA_F
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 PB111110BL

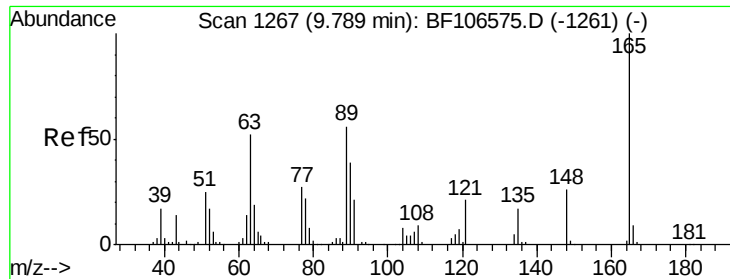
Tgt Ion:330 Resp: 63588
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 24.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 107.665 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107399.D
 Acq: 14 Jul 2018 6:40

Tgt Ion:172 Resp: 427551
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 24.0 19.6 29.4

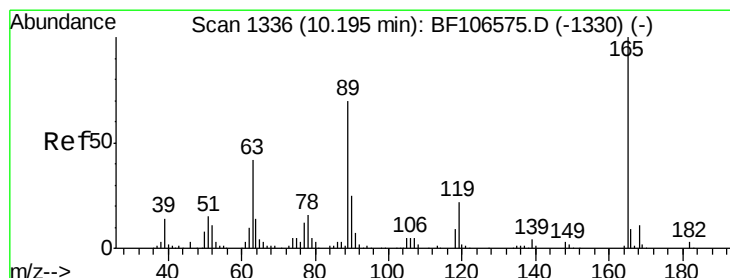
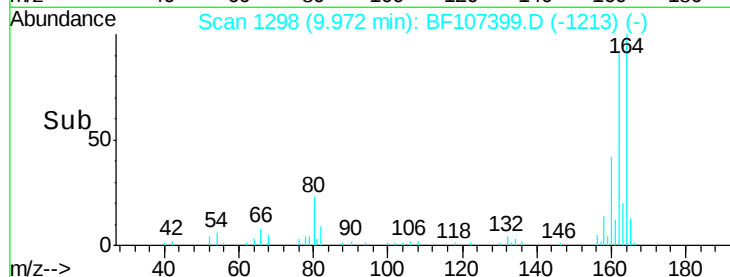
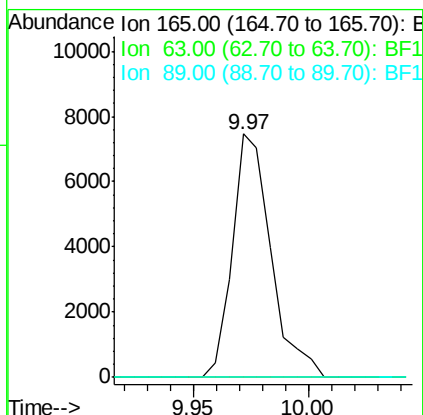
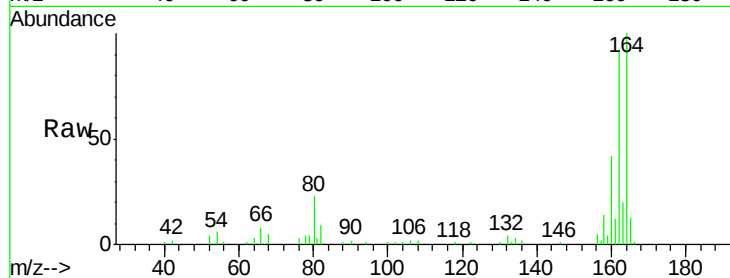




#50
 2,6-Dinitrotoluene
 Concen: 7.847 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF107399.D
 Acq: 14 Jul 2018 6:40

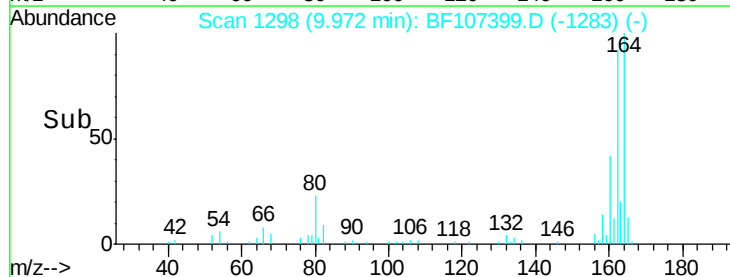
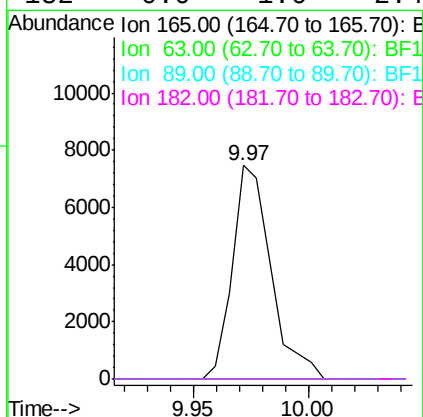
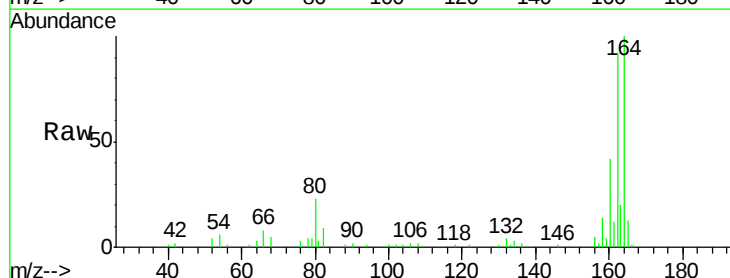
Instrument :
 BNA_F
 ClientSampleId :
 PB111110BL

Tgt 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: 6.011 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF107399.D
 Acq: 14 Jul 2018 6:40

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: 11.47 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF107399.D

Acq: 14 Jul 2018 6:40

Instrument :

BNA_F

ClientSampleId :

PB111110BL

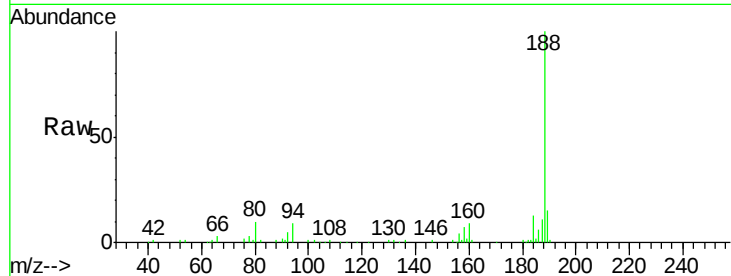
Tgt Ion:188 Resp: 149035

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

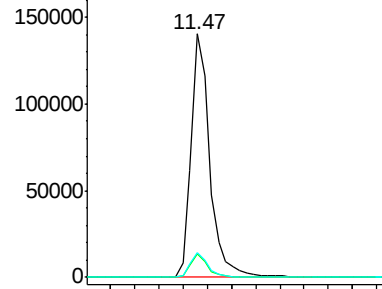
80 10.4 9.2 13.8



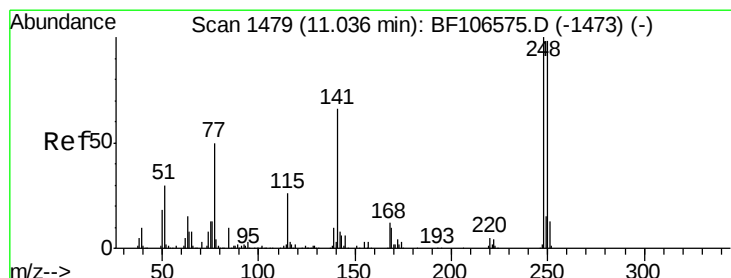
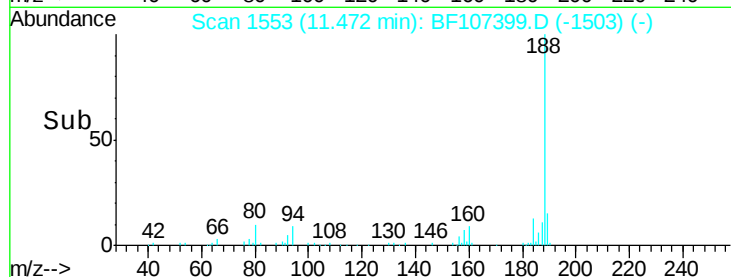
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.024 ng

RT: 10.77 min Scan# 1434

Delta R.T. -0.24 min

Lab File: BF107399.D

Acq: 14 Jul 2018 6:40

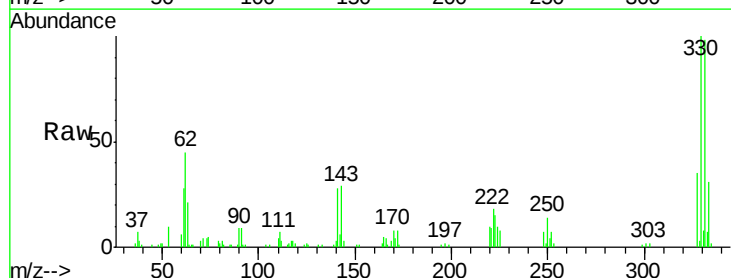
Tgt Ion:248 Resp: 3600

Ion Ratio Lower Upper

248 100

250 196.6 76.9 115.3#

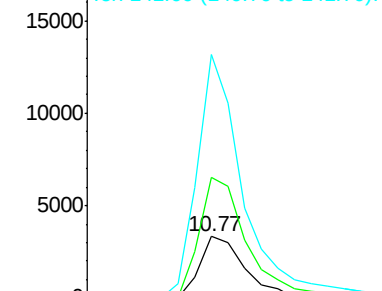
141 397.2 74.4 111.6#



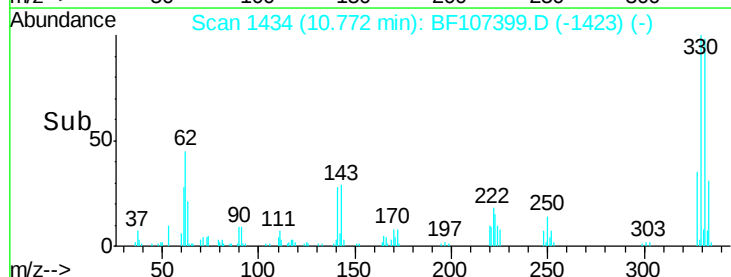
Abundance Ion 248.00 (247.70 to 248.70): E

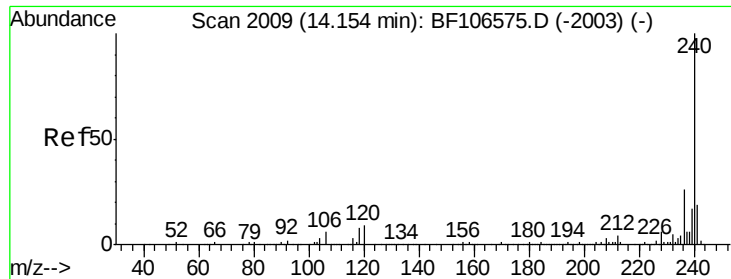
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

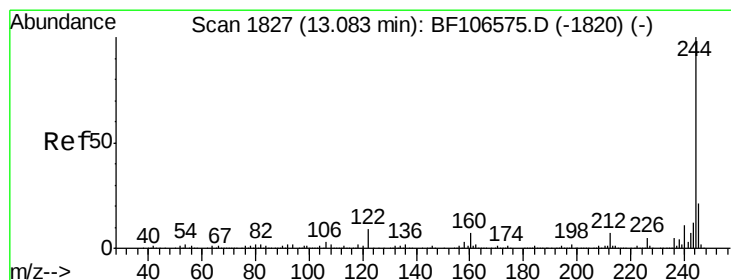
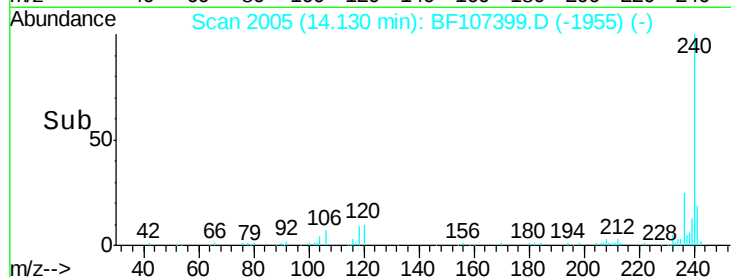
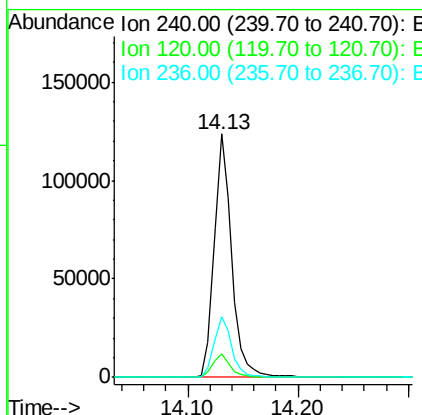
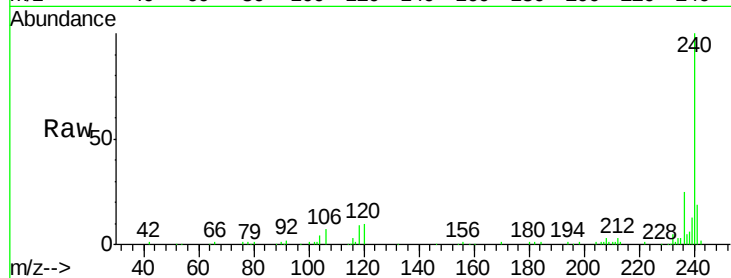




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF107399.D
 Acq: 14 Jul 2018 6:40

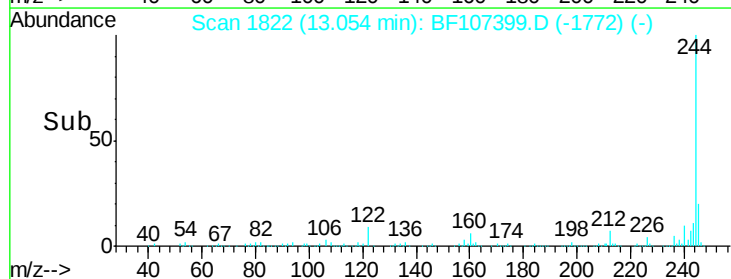
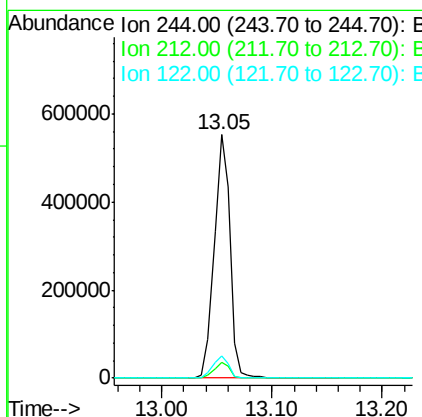
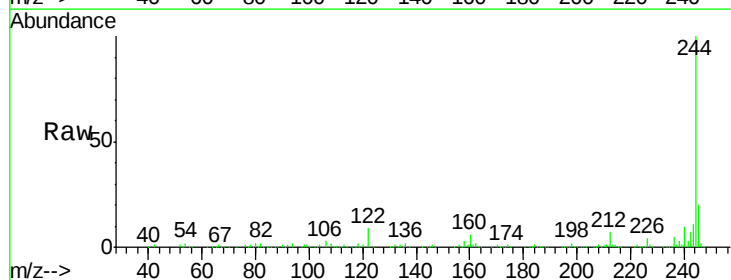
Instrument :
 BNA_F
 ClientSampleId :
 PB111110BL

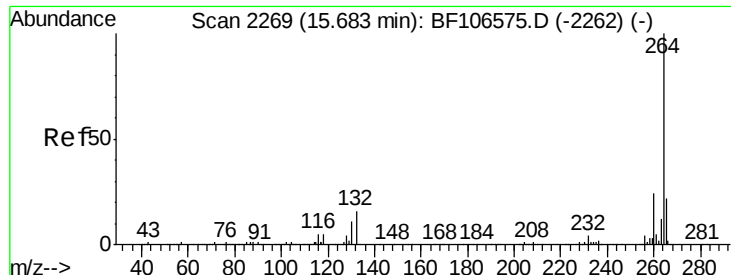
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.0	20.7	31.1



#78
 Terphenyl-d14
 Concen: 96.921 ng
 RT: 13.05 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF107399.D
 Acq: 14 Jul 2018 6:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.3	11.0	16.4#

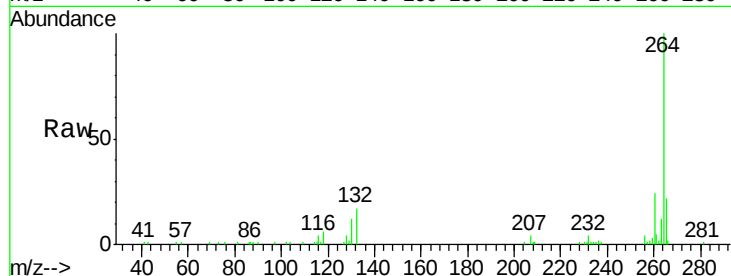




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF107399.D
Acq: 14 Jul 2018 6:40

Instrument :
BNA_F
ClientSampleId :
PB111110BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	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

