

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107321.D
 Acq On : 12 Jul 2018 1:20
 Operator : JU/SJ
 Sample : J3931-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 07:15:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

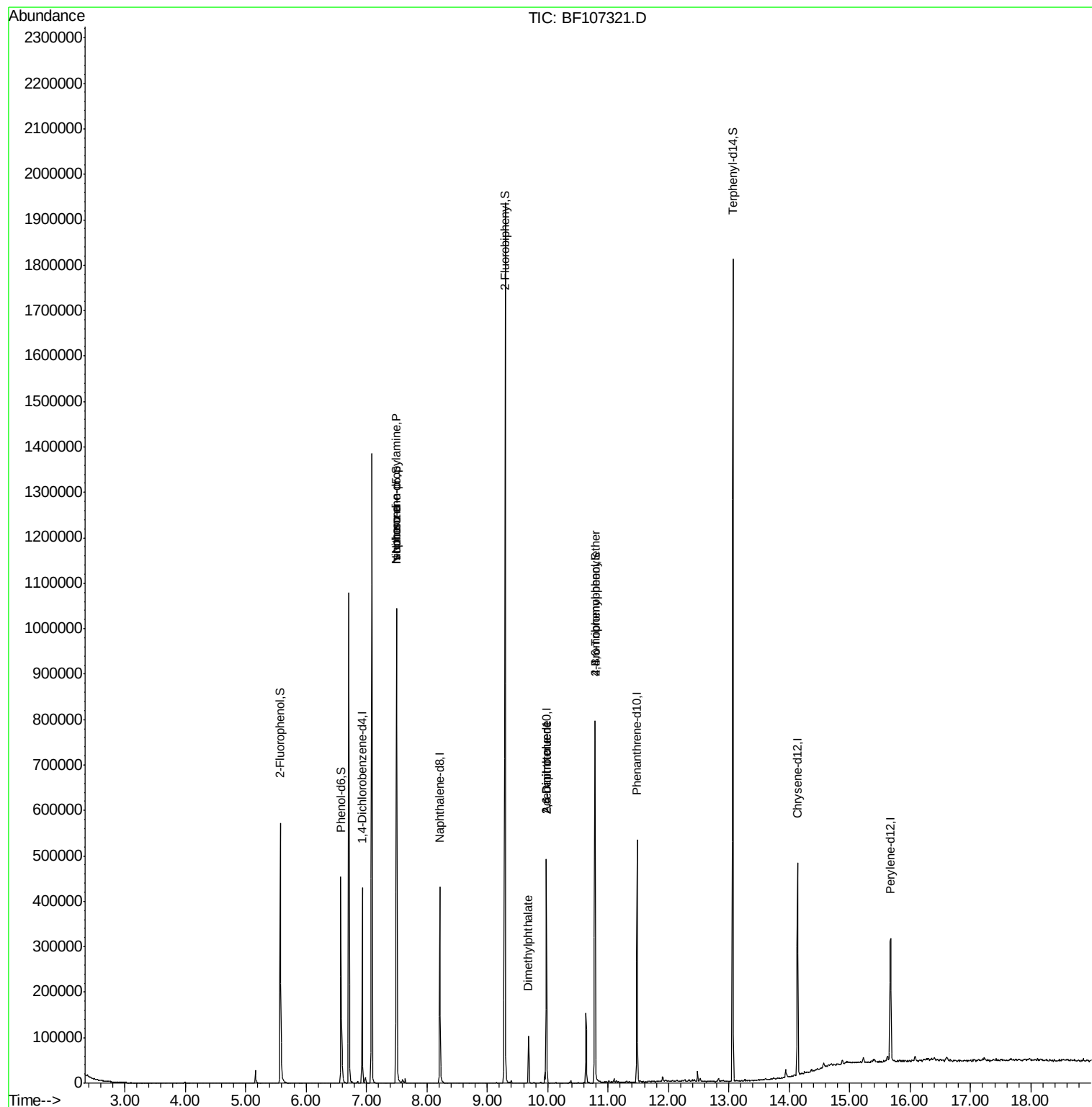
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	60985	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	228489	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	109796	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	197184	20.00	ng	0.00
75) Chrysene-d12	14.14	240	157524	20.00	ng	0.00
86) Perylene-d12	15.68	264	140237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	187870	52.16	ng	0.00
7) Phenol-d6	6.58	99	160709	35.73	ng	0.00
23) Nitrobenzene-d5	7.50	82	418122	101.70	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	126568	99.46	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	682972	109.55	ng	0.00
78) Terphenyl-d14	13.07	244	730843	112.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	55042	18.566	ng	# 72
25) Isophorone	7.50	82	418119	57.711	ng	# 64
49) Dimethylphthalate	9.69	163	47861	5.812	ng	# 98
50) 2,6-Dinitrotoluene	9.98	165	13973	8.013	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	13973	6.139	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	7631	3.243	ng	# 1

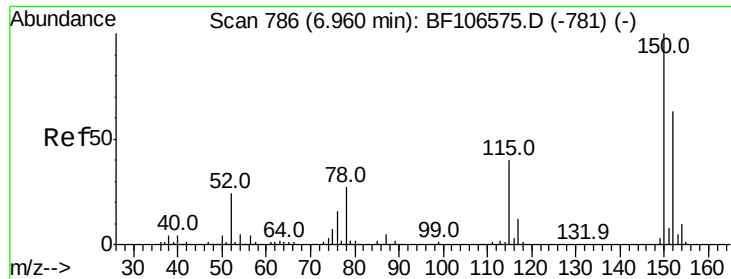
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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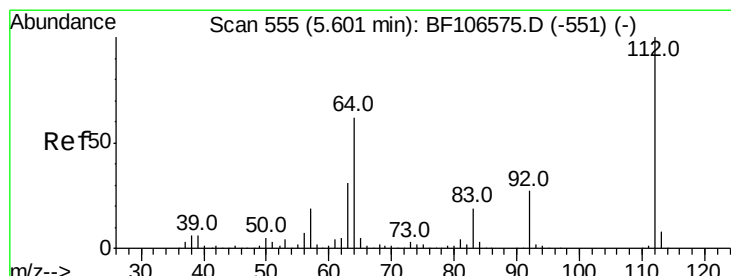
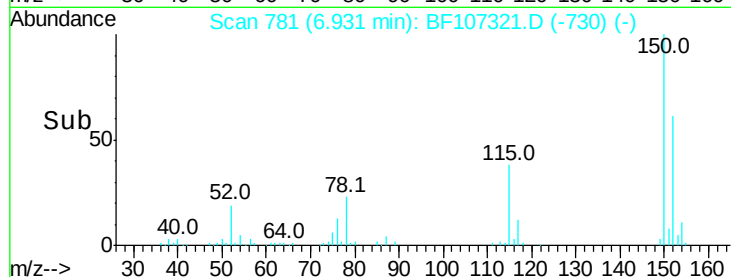
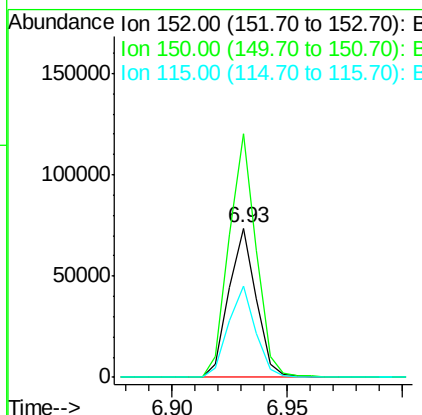
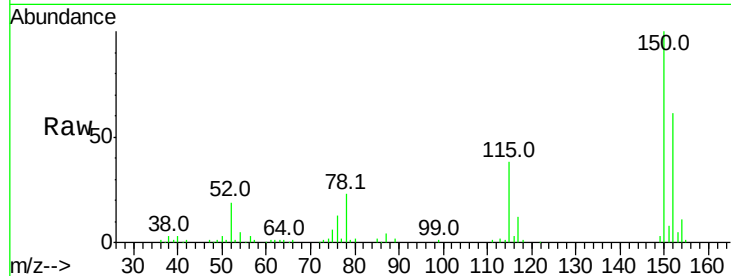


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107321.D
Acq: 12 Jul 2018 1:20

Instrument :
BNA_F
ClientSampleId :

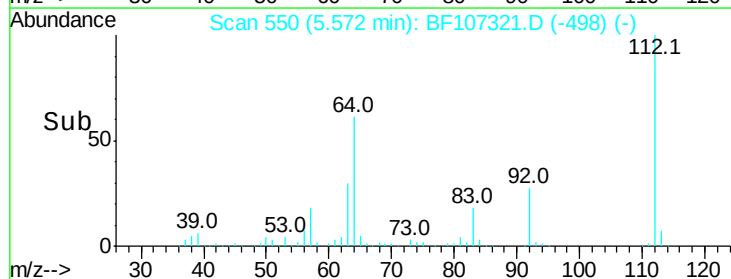
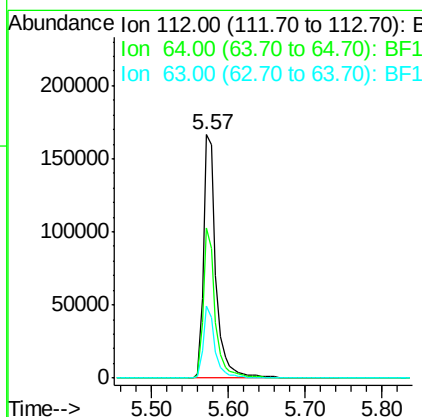
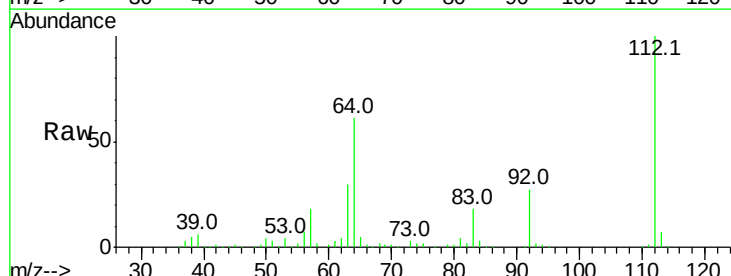
Tot Ion:152 Resp: 60985
Ion Ratio Lower Upper
152 100
150 162.8 124.6 186.8
115 61.3 50.1 75.1

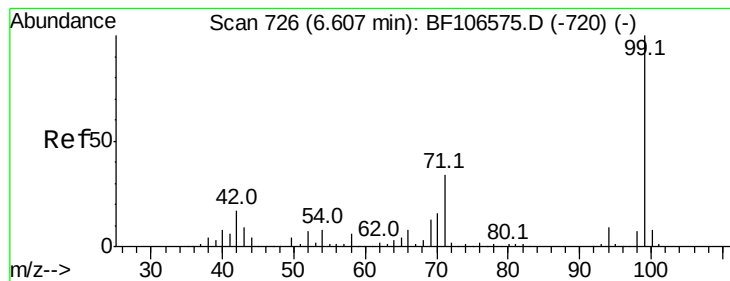


#5

2-Fluorophenol
Concen: 52.164 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107321.D
Acq: 12 Jul 2018 1:20

Tgt Ion:112 Resp: 187870
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 35.732 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107321.D

Acq: 12 Jul 2018 1:20

Instrument :

BNA_F

ClientSampleId :

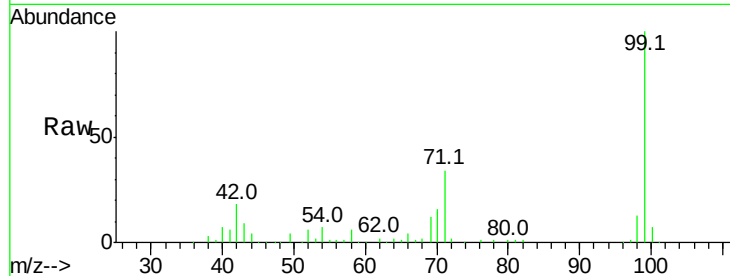
Tot Ion: 99 Resp: 160709

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

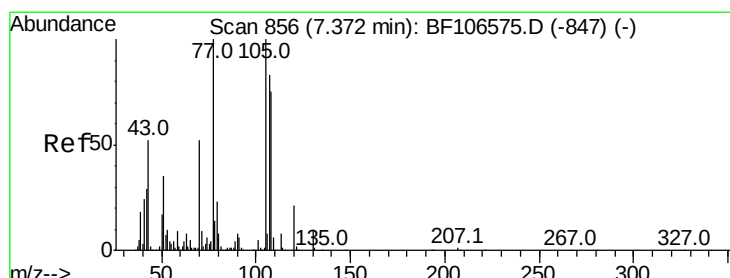
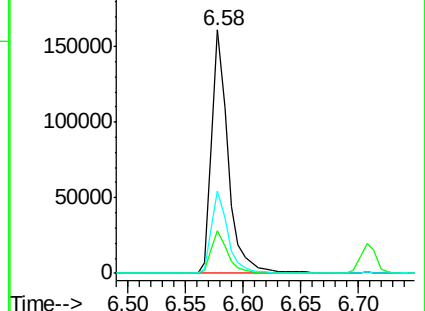
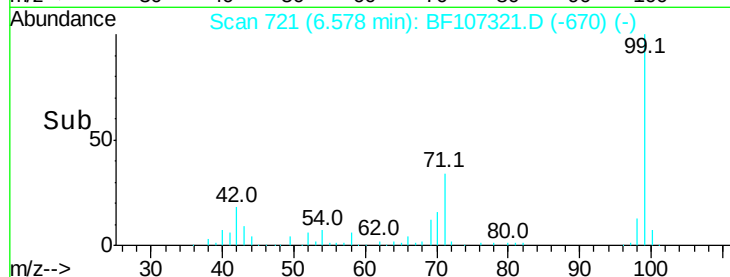
71 33.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.566 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.16 min

Lab File: BF107321.D

Acq: 12 Jul 2018 1:20

Tgt Ion: 70 Resp: 55042

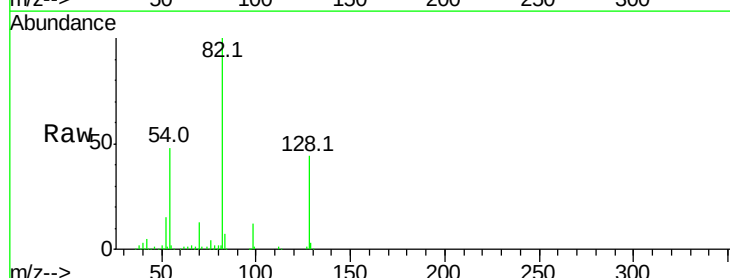
Ion Ratio Lower Upper

70 100

42 40.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

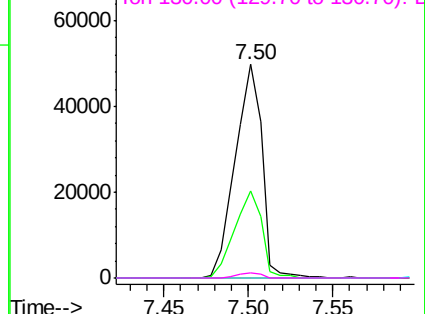
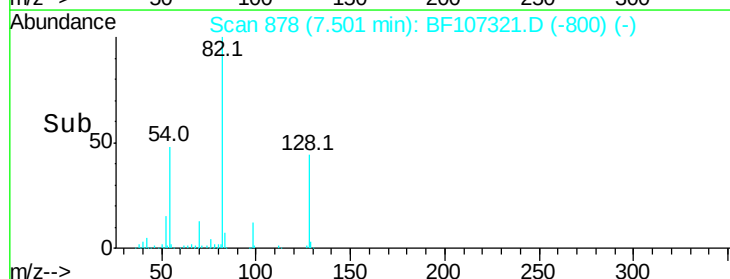


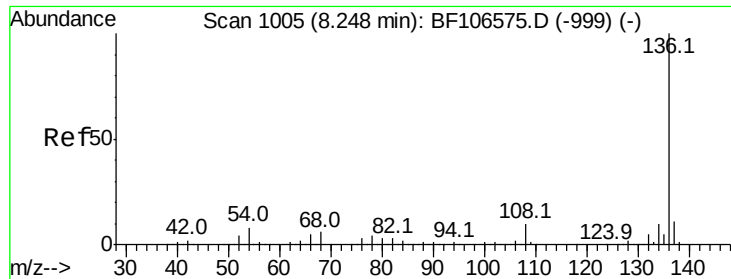
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

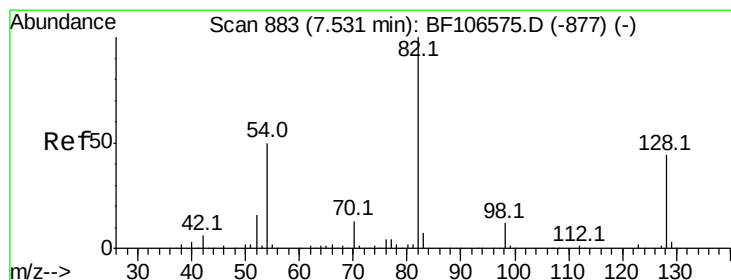
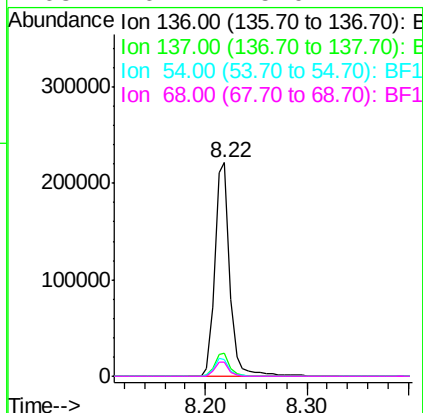
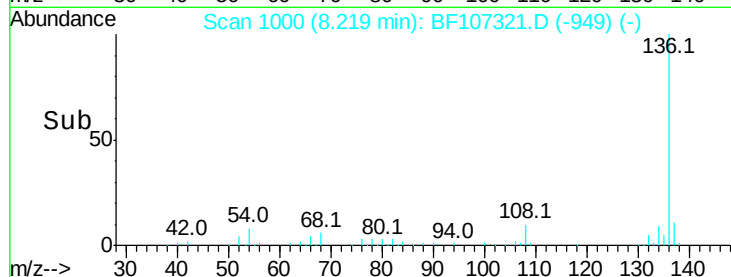
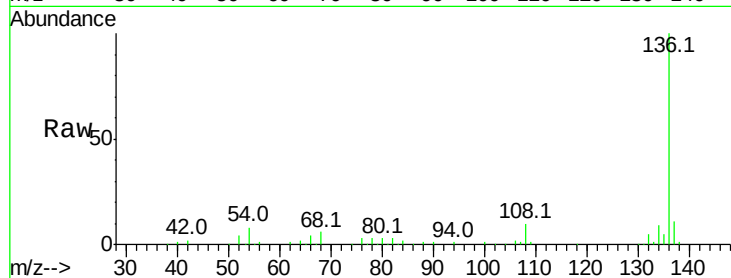




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF107321.D
Acq: 12 Jul 2018 1:20

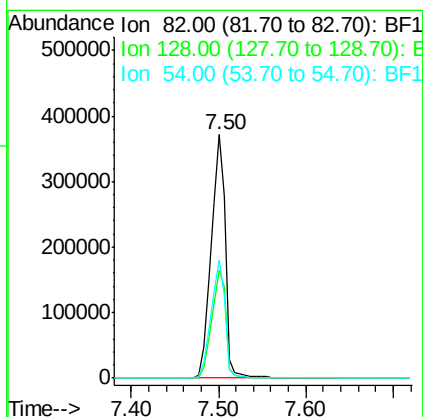
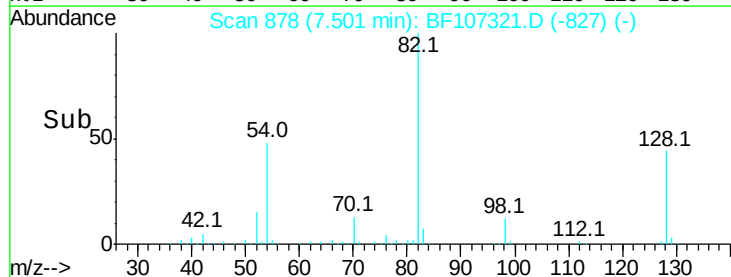
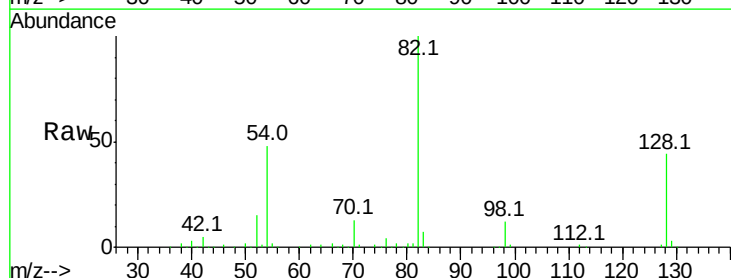
Instrument :
BNA_F
ClientSampleId :

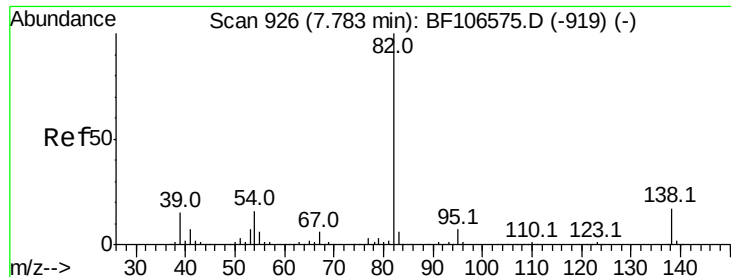
Tot Ion:	136	Resp:	228489
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	6.6	9.8
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 101.696 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF107321.D
Acq: 12 Jul 2018 1:20

Tgt Ion:	82	Resp:	418122
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	48.4	41.4	62.2





#25

Isophorone

Concen: 57.711 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.25 min

Lab File: BF107321.D

Acq: 12 Jul 2018 1:20

Instrument :

BNA_F

ClientSampleId :

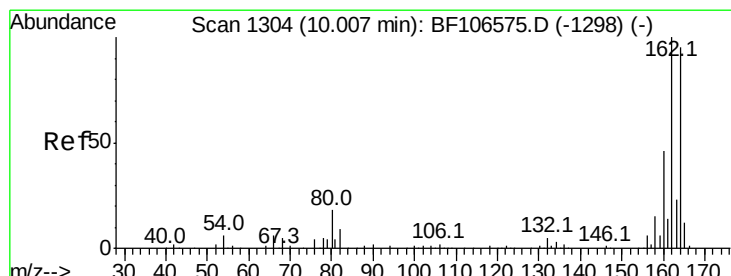
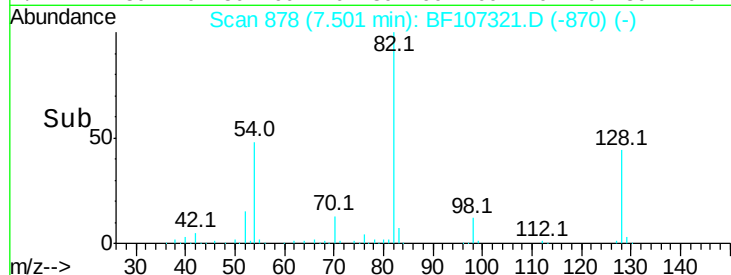
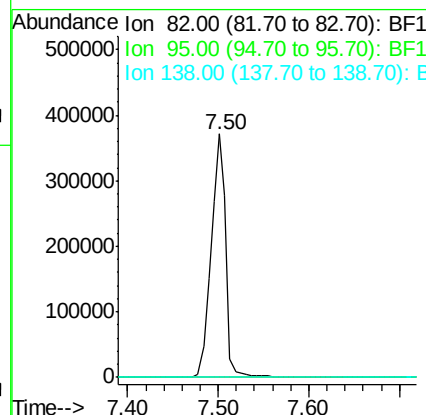
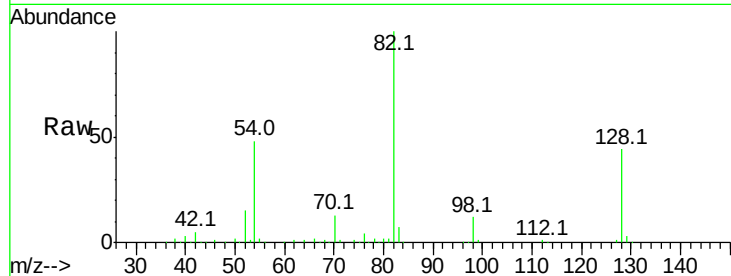
Tot Ion: 82 Resp: 418119

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: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107321.D

Acq: 12 Jul 2018 1:20

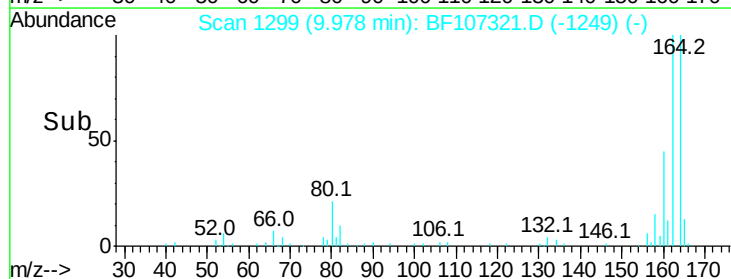
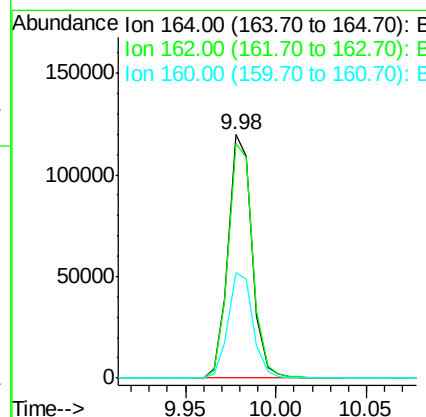
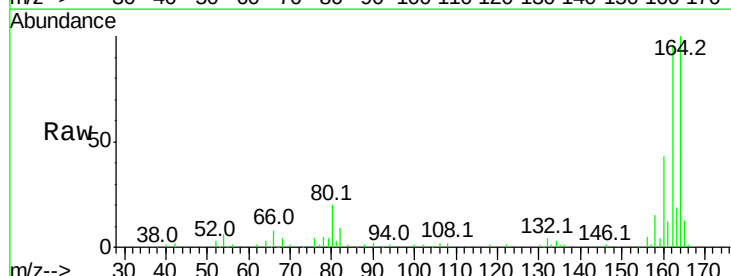
Tgt Ion: 164 Resp: 109796

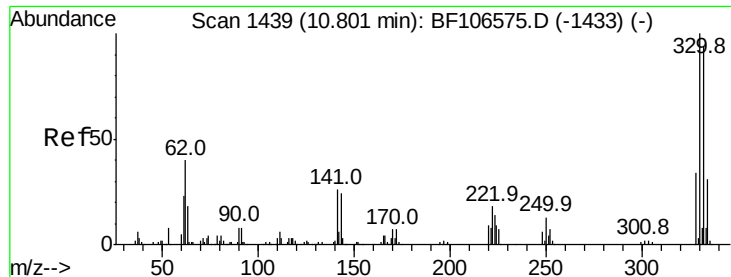
Ion Ratio Lower Upper

164 100

162 96.2 86.1 129.1

160 43.3 38.3 57.5

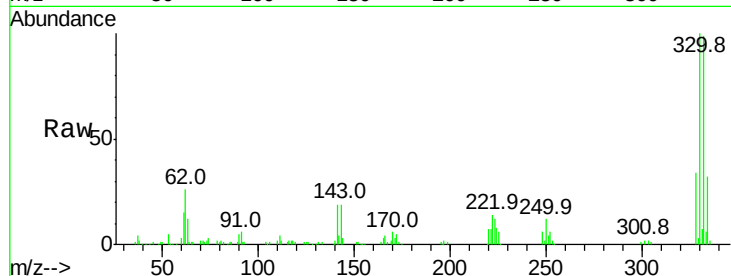




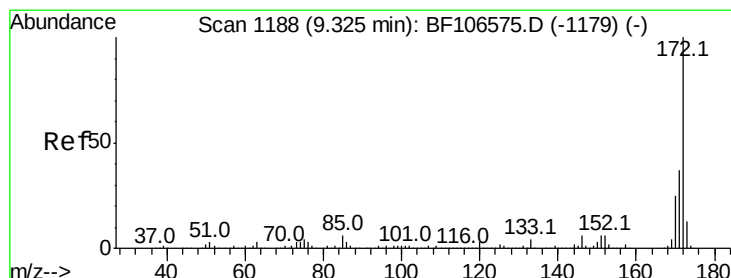
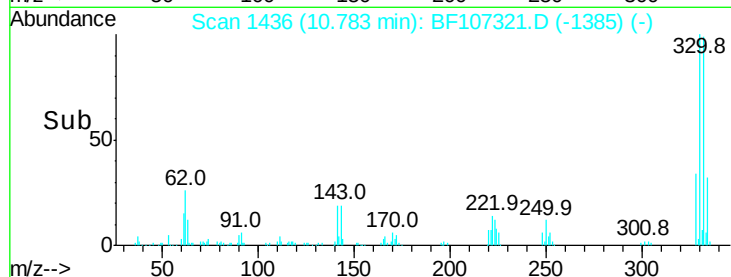
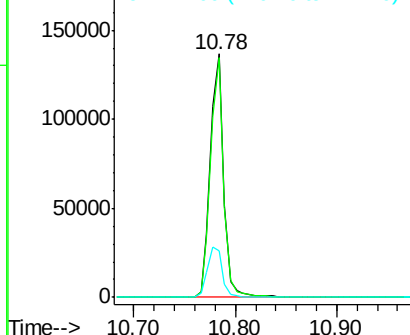
#41
 2,4,6-Tribromophenol
 Concen: 99.459 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF107321.D
 Acq: 12 Jul 2018 1:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	22.8	29.9	44.9#

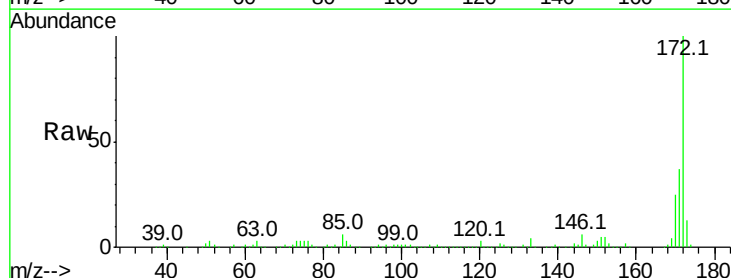


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

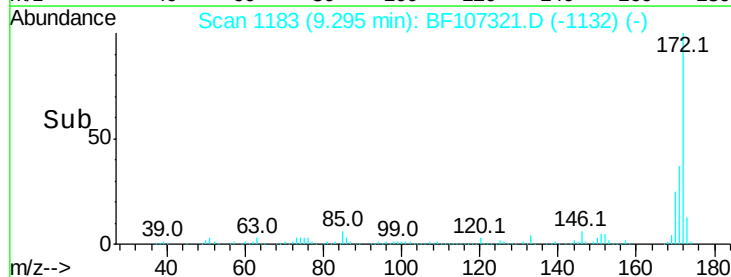
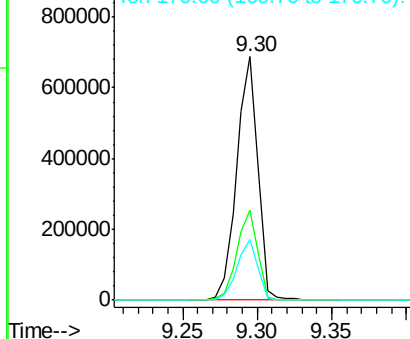


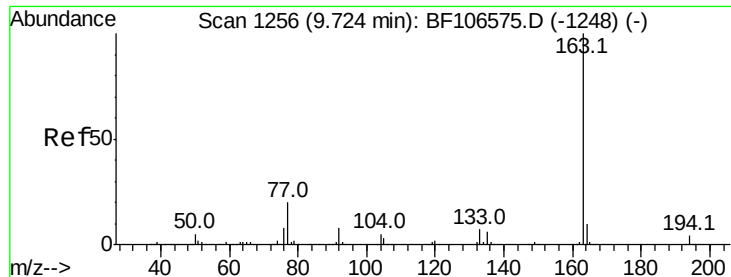
#44
 2-Fluorobiphenyl
 Concen: 109.548 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF107321.D
 Acq: 12 Jul 2018 1:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.7	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: 5.812 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF107321.D

Acq: 12 Jul 2018 1:20

Instrument :

BNA_F

ClientSampleId :

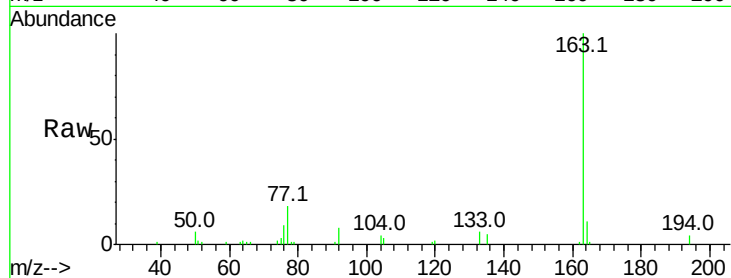
Tot Ion:163 Resp: 47861

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

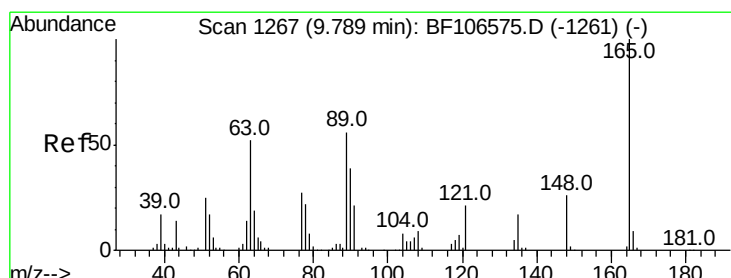
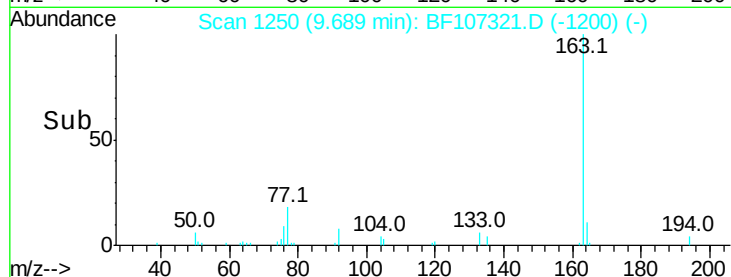
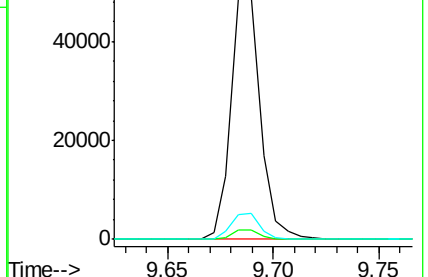
164 10.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.013 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.21 min

Lab File: BF107321.D

Acq: 12 Jul 2018 1:20

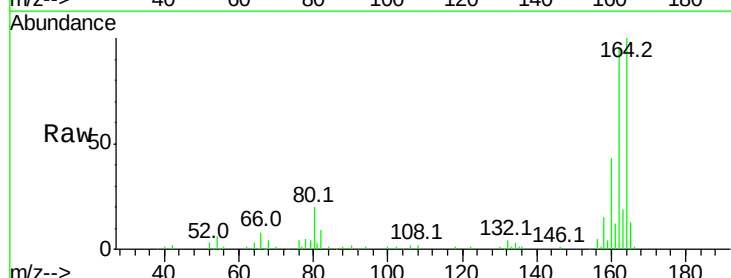
Tgt Ion:165 Resp: 13973

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

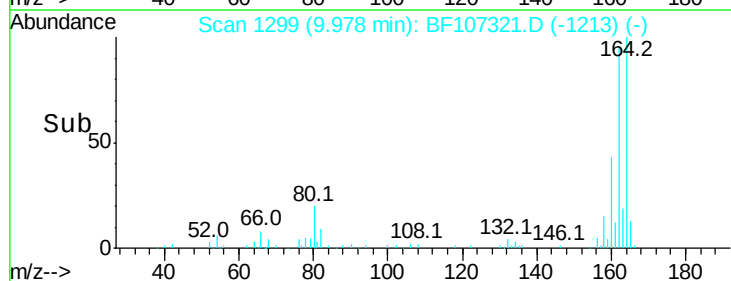
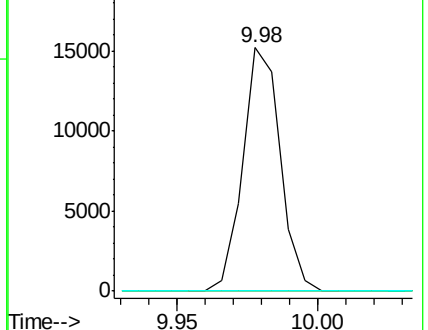
89 0.0 44.0 66.0#

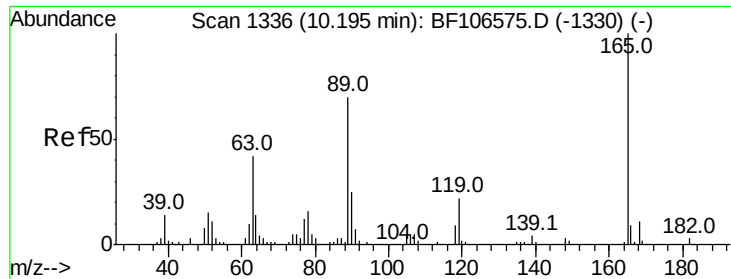


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

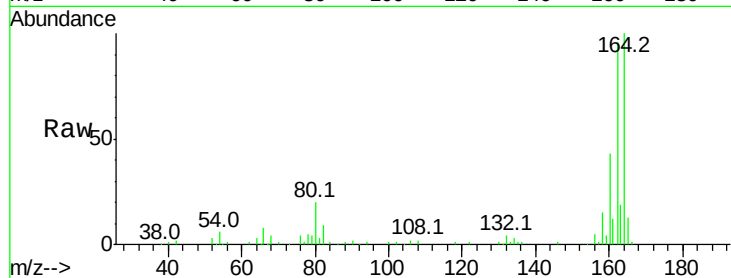




#56
 2,4-Dinitrotoluene
 Concen: 6.139 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF107321.D
 Acq: 12 Jul 2018 1:20

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

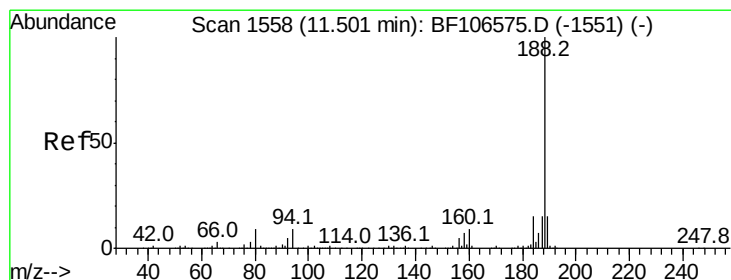
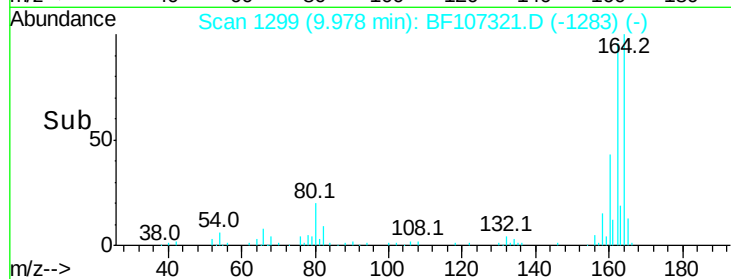
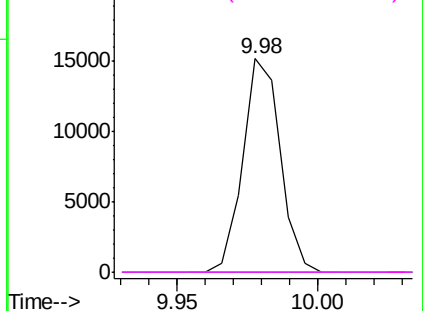


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

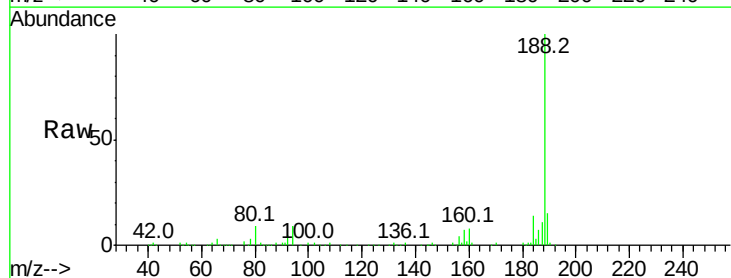
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF107321.D
 Acq: 12 Jul 2018 1:20

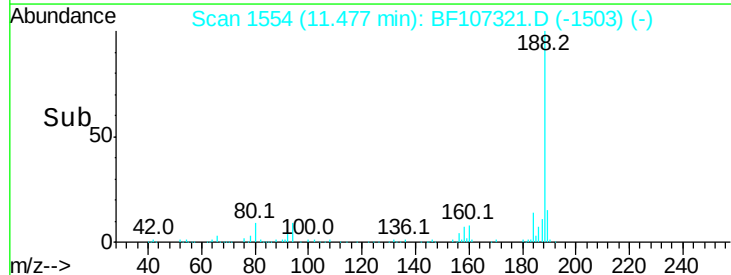
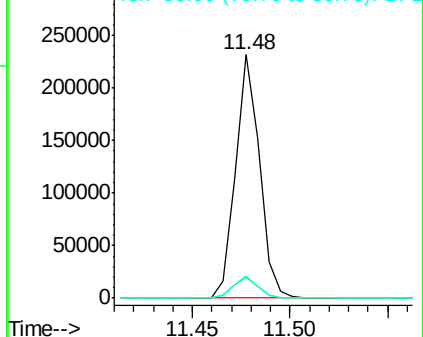
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.2	9.2	13.8

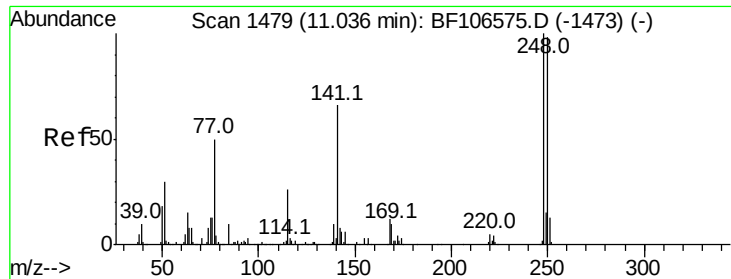


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

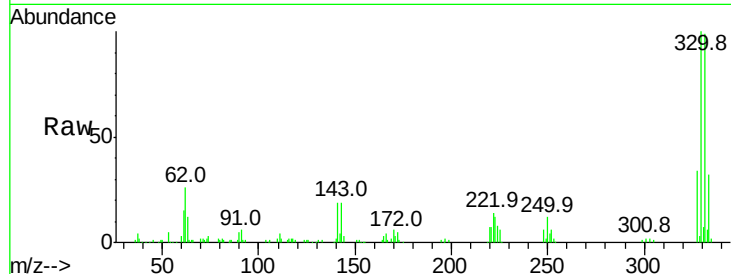




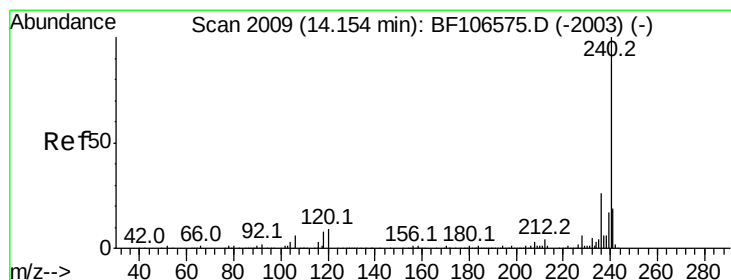
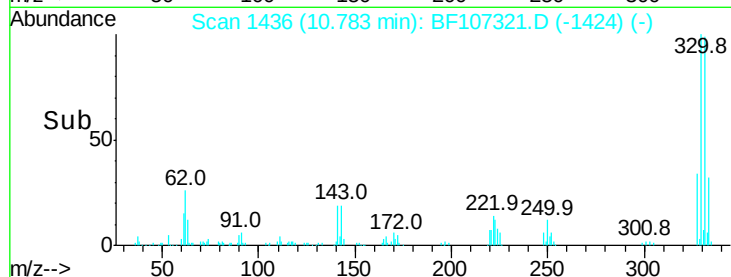
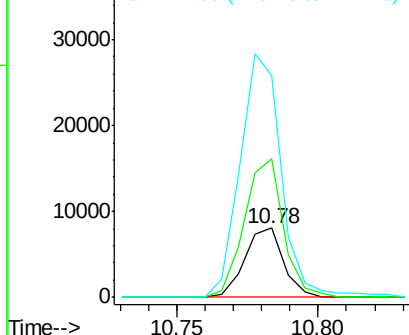
#66
4-Bromophenyl-phenylether
Concen: 3.243 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.23 min
Lab File: BF107321.D
Acq: 12 Jul 2018 1:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7631
Ion Ratio Lower Upper
248 100
250 199.6 76.9 115.3#
141 319.3 74.4 111.6#

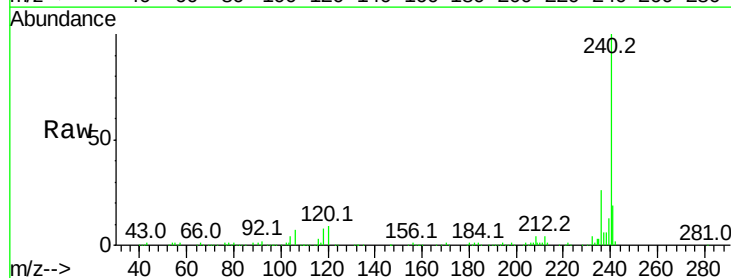


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

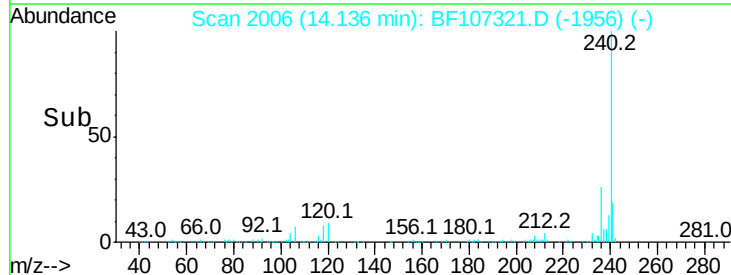
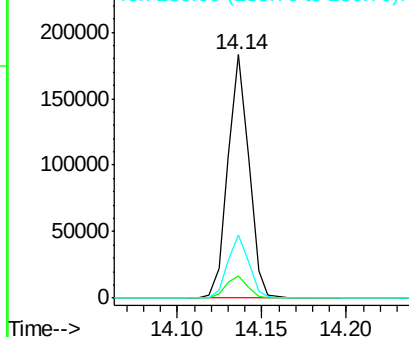


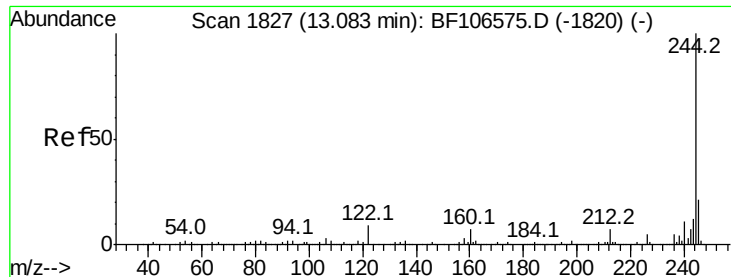
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107321.D
Acq: 12 Jul 2018 1:20

Tgt Ion:240 Resp: 157524
Ion Ratio Lower Upper
240 100
120 9.0 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

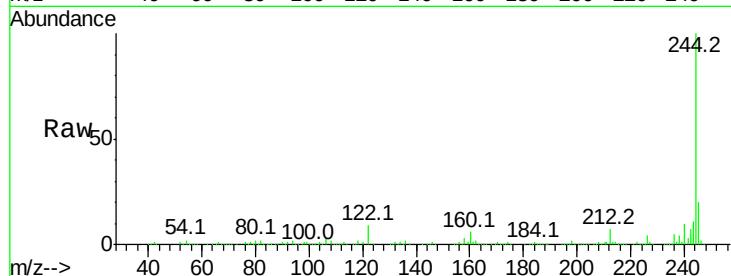




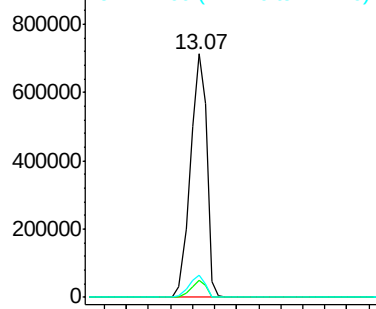
#78
 Terphenyl-d14
 Concen: 112.384 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BF107321.D
 Acq: 12 Jul 2018 1:20

Instrument :
 BNA_F
 ClientSampleId :

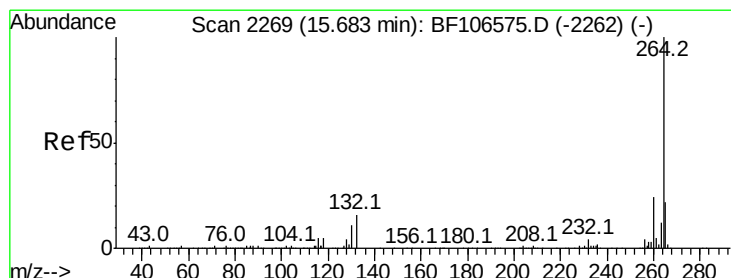
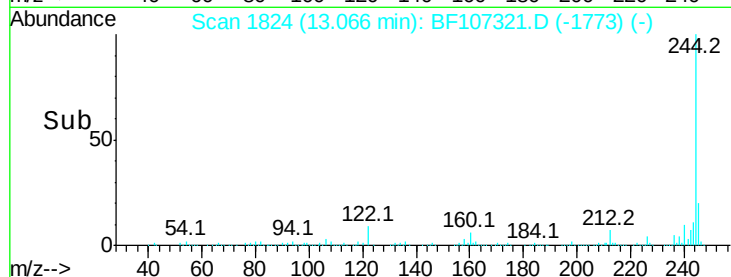
Tot Ion:244 Resp: 730843
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 8.9 11.0 16.4#



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

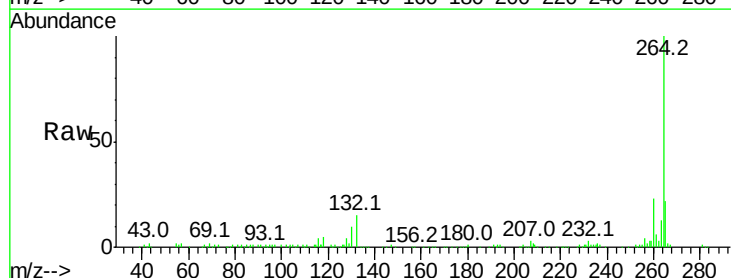


Time-->

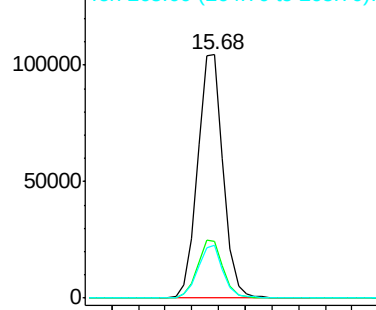


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF107321.D
 Acq: 12 Jul 2018 1:20

Tgt Ion:264 Resp: 140237
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.9 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



Time-->

