

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107048.D
 Acq On : 2 Jul 2018 17:00
 Operator : JU/SJ
 Sample : J3629-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:23:47 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 29 14:38:29 2018
 Response via : Initial Calibration

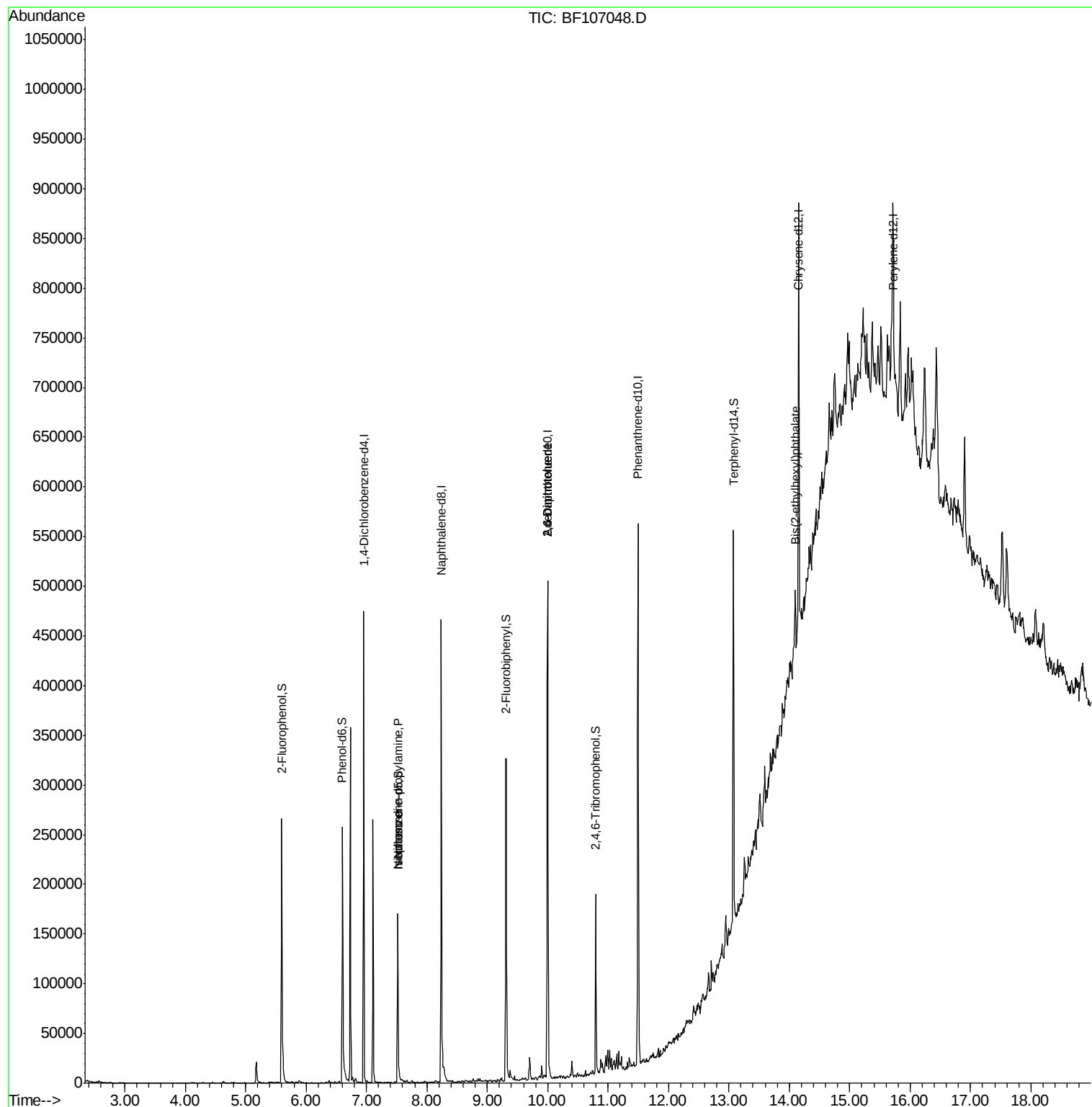
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	65679	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	247936	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	110077	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	204623	20.00	ng	0.00
75) Chrysene-d12	14.15	240	170210	20.00	ng	-0.01
86) Perylene-d12	15.72	264	112478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	89574	23.09	ng	0.00
7) Phenol-d6	6.60	99	107463	22.19	ng	-0.01
23) Nitrobenzene-d5	7.52	82	60756	13.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	25543	20.02	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	133959	7.08	ng	-0.01
78) Terphenyl-d14	13.08	244	149904	21.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	7869	2.465	ng	# 74
25) Isophorone	7.52	82	60755	7.728	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	14588	8.345	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	14588	6.393	ng	# 21
83) Bis(2-ethylhexyl)phthalate	14.10	149	15757	2.671	ng	# 88

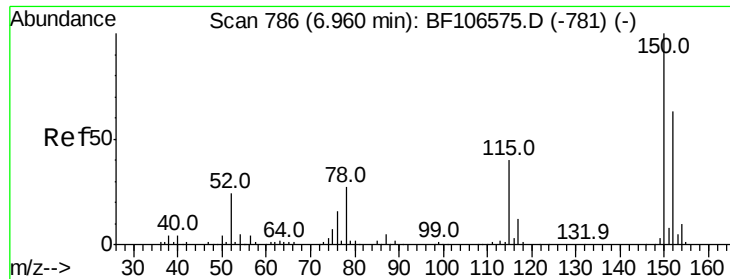
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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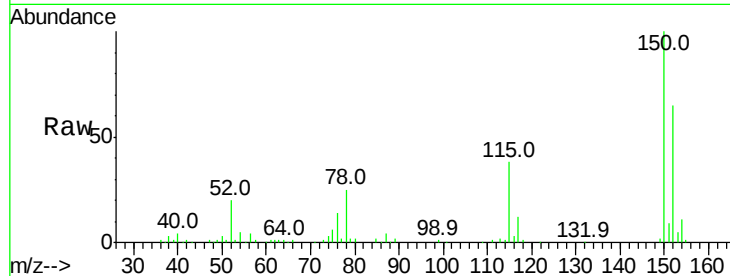


#1

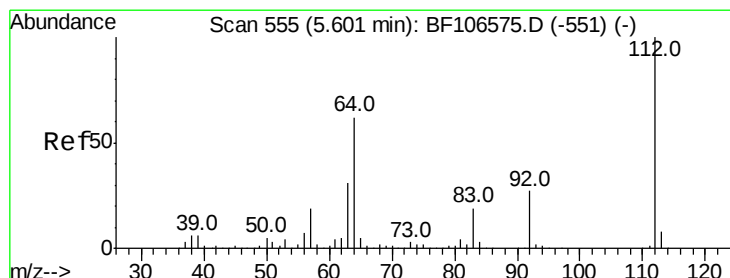
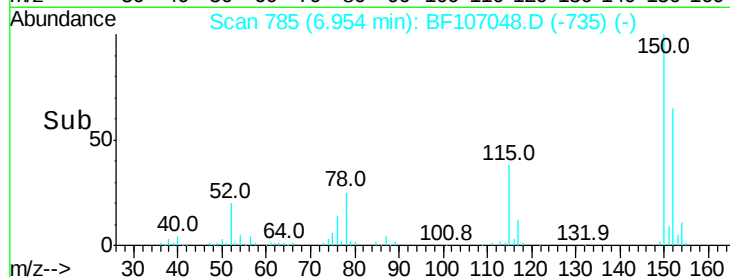
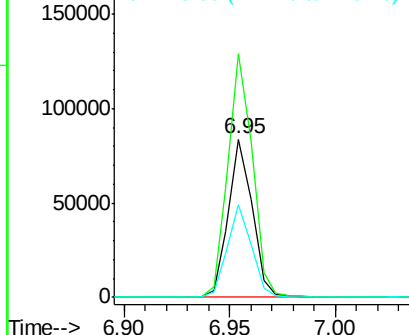
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107048.D
Acq: 2 Jul 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 65679
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 58.6 50.1 75.1



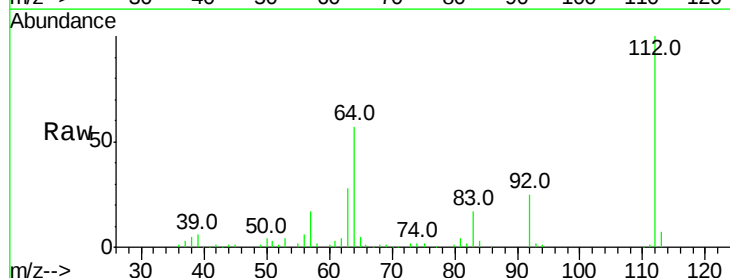
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



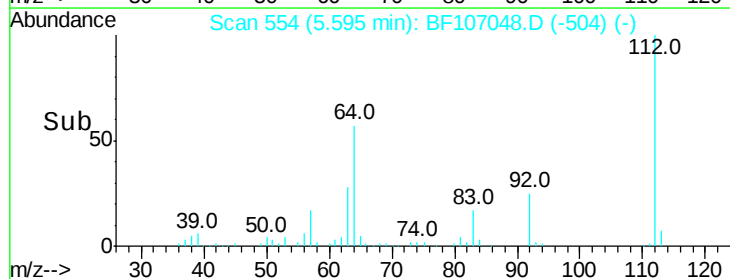
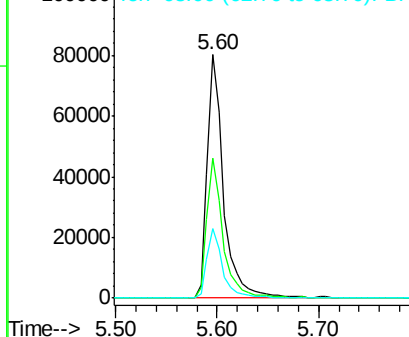
#5

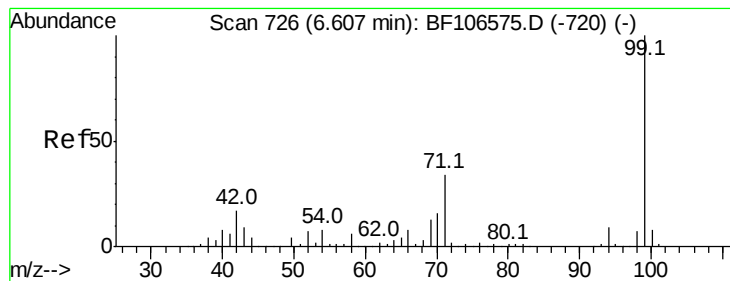
2-Fluorophenol
Concen: 23.094 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107048.D
Acq: 2 Jul 2018 17:00

Tgt Ion:112 Resp: 89574
Ion Ratio Lower Upper
112 100
64 57.3 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: 22.186 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107048.D

Acq: 2 Jul 2018 17:00

Instrument :

BNA_F

ClientSampleId :

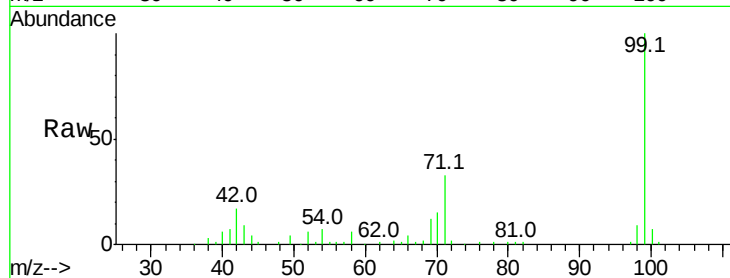
Tot Ion: 99 Resp: 107463

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

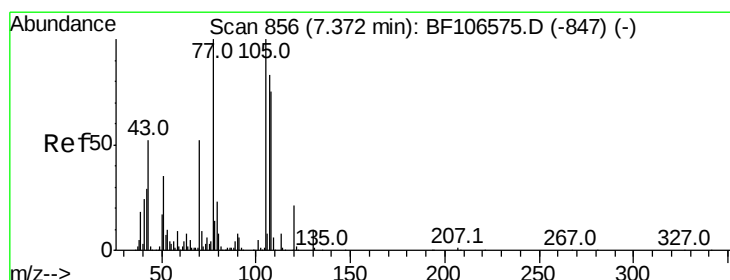
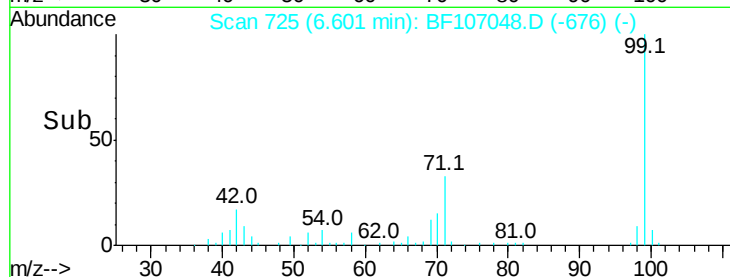
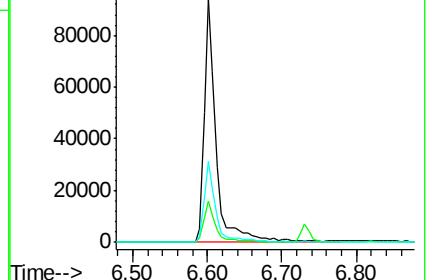
71 33.3 25.4 38.0



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: 2.465 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107048.D

Acq: 2 Jul 2018 17:00

Tgt Ion: 70 Resp: 7869

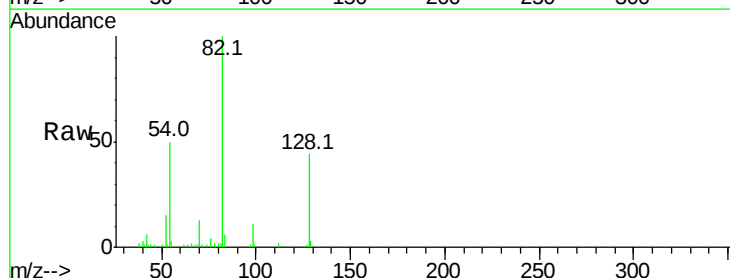
Ion Ratio Lower Upper

70 100

42 45.0 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

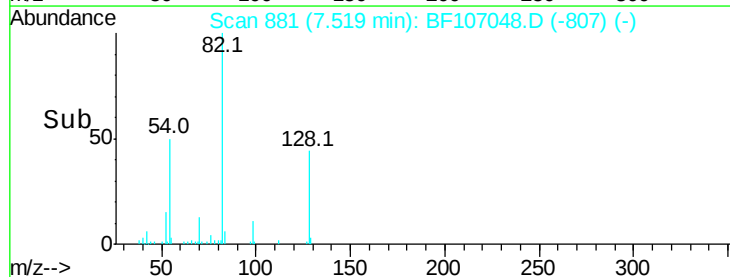
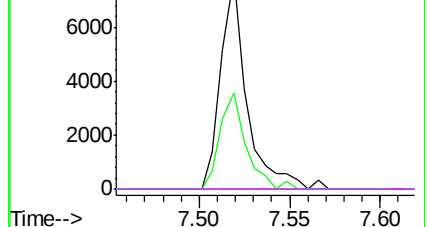


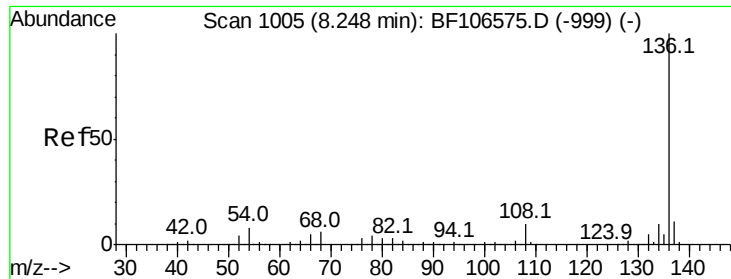
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

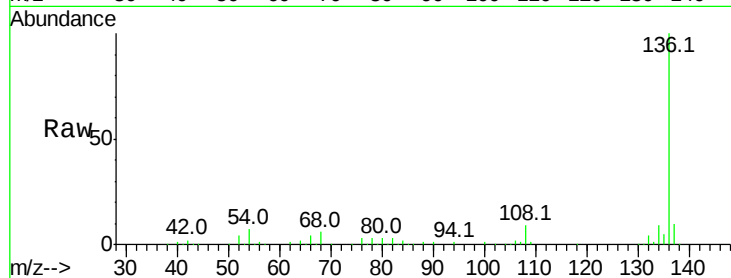




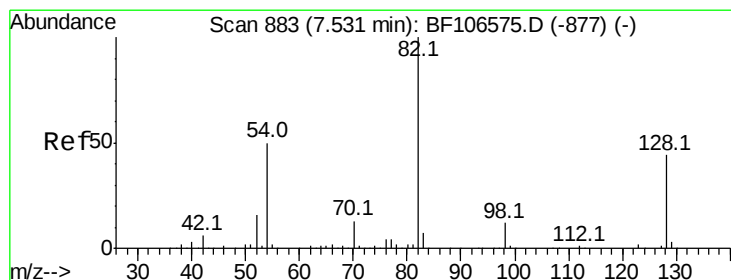
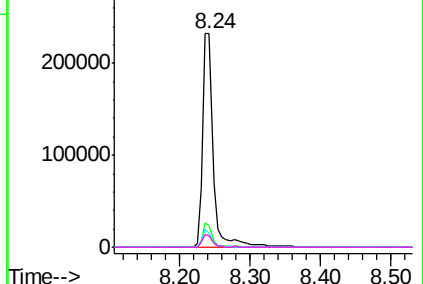
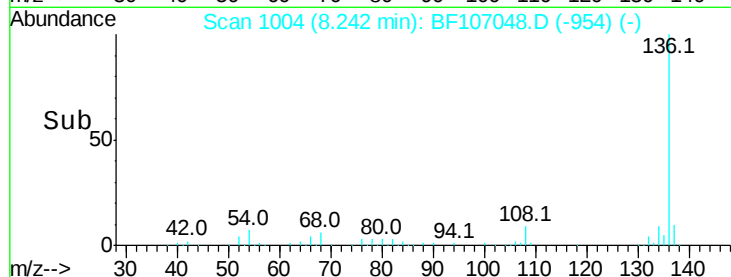
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107048.D
Acq: 2 Jul 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	247936
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	6.7	6.6	9.8
68	5.5	5.0	7.4

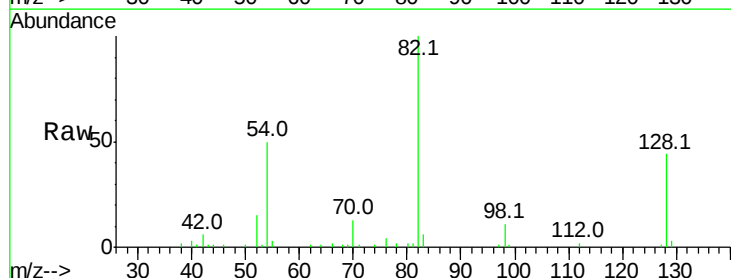


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

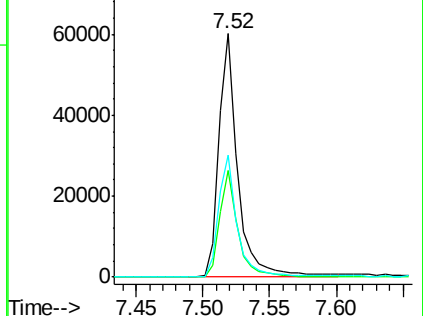
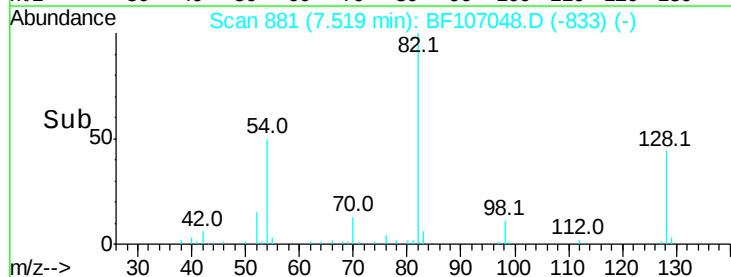


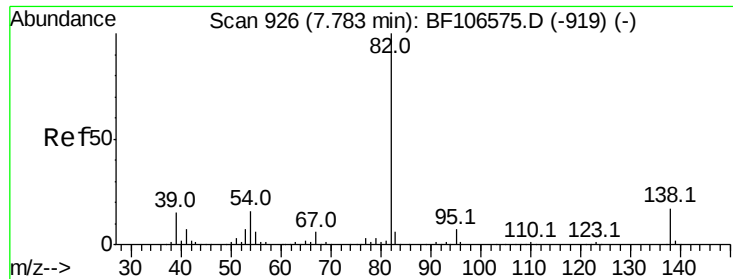
#23
Nitrobenzene-d5
Concen: 13.618 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107048.D
Acq: 2 Jul 2018 17:00

Tgt Ion:	82	Resp:	60756
Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	49.9	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

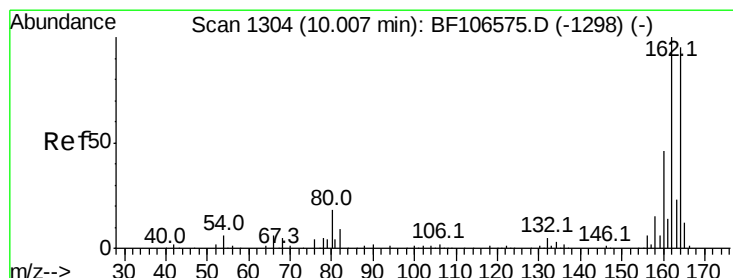
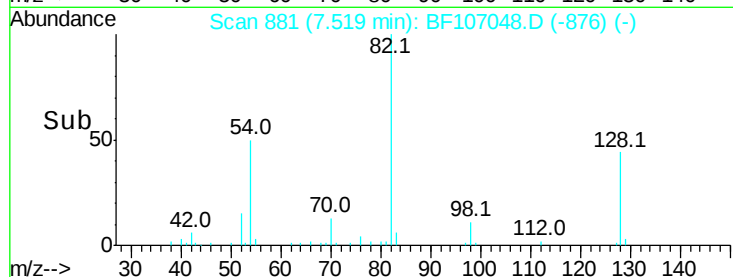
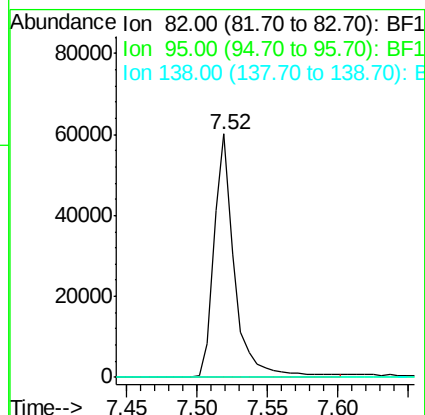
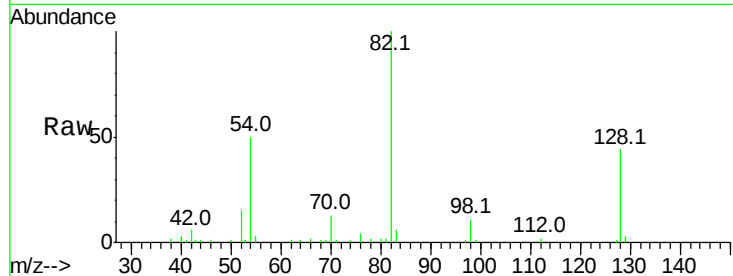




#25
Isophorone
Concen: 7.728 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107048.D
Acq: 2 Jul 2018 17:00

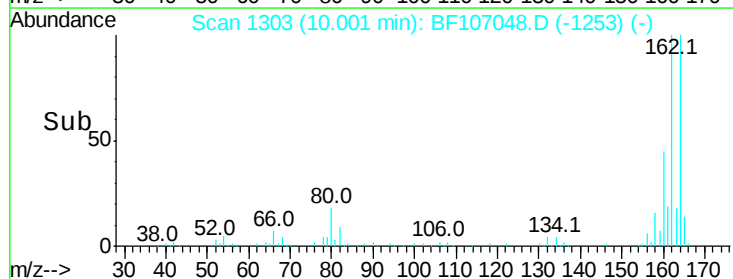
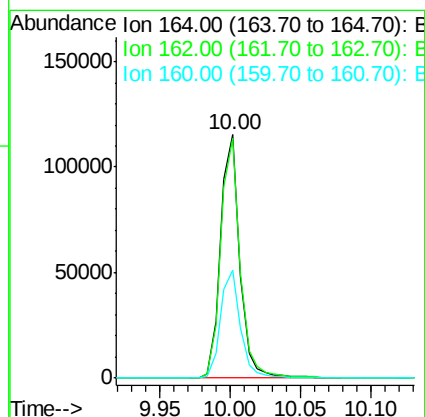
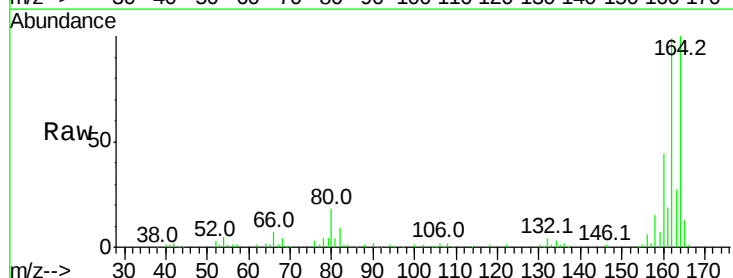
Instrument :
BNA_F
ClientSampleId :

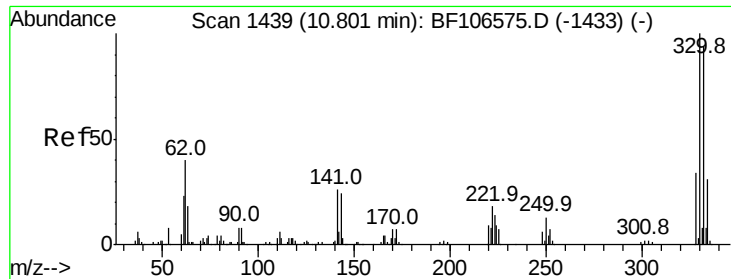
Tot Ion: 82 Resp: 60755
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107048.D
Acq: 2 Jul 2018 17:00

Tgt Ion:164 Resp: 110077
Ion Ratio Lower Upper
164 100
162 98.6 86.1 129.1
160 44.3 38.3 57.5

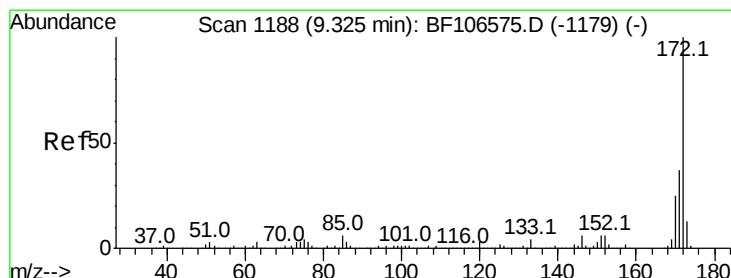
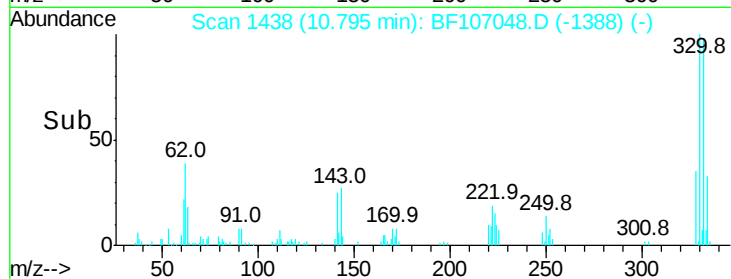
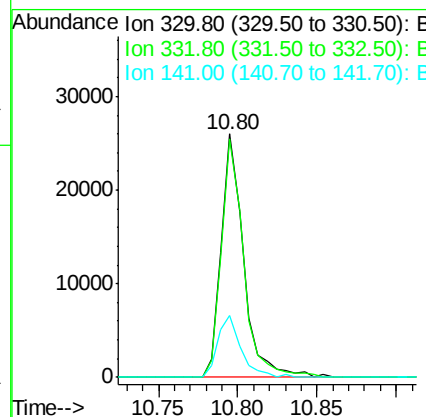
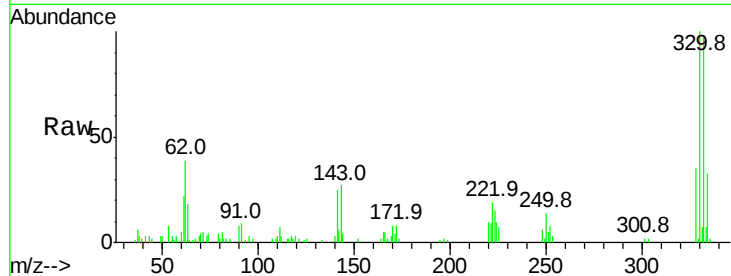




#41
 2,4,6-Tribromophenol
 Concen: 20.021 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107048.D
 Acq: 2 Jul 2018 17:00

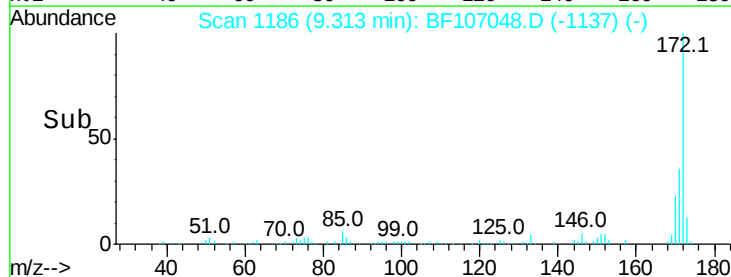
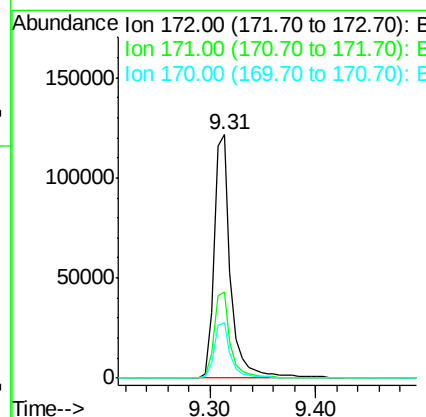
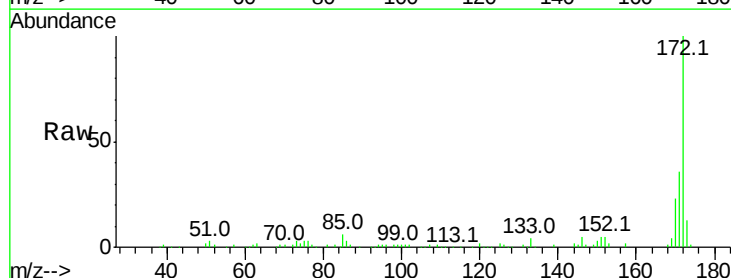
Instrument :
 BNA_F
 ClientSampleId :

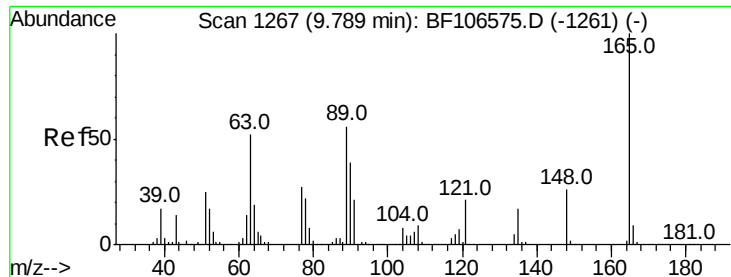
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	26.2	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 7.075 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107048.D
 Acq: 2 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.0	19.6	29.4

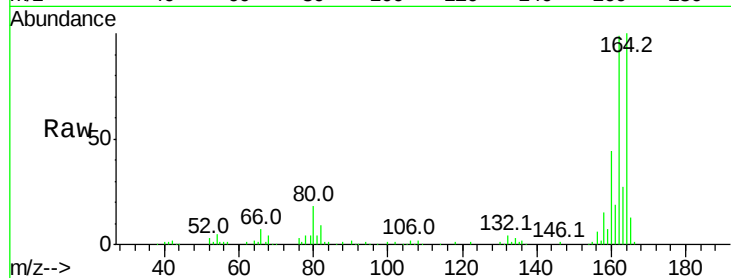




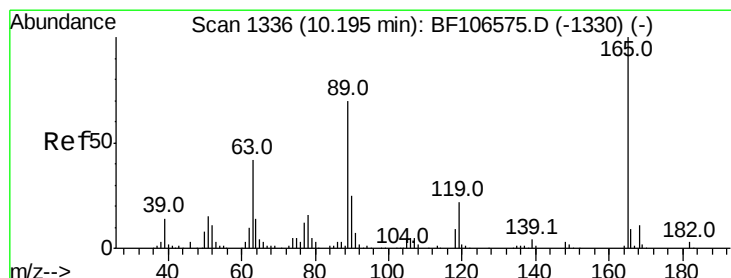
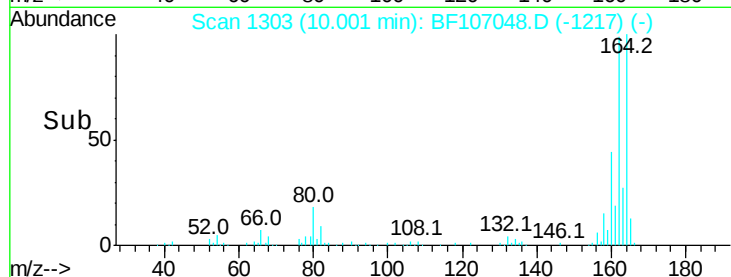
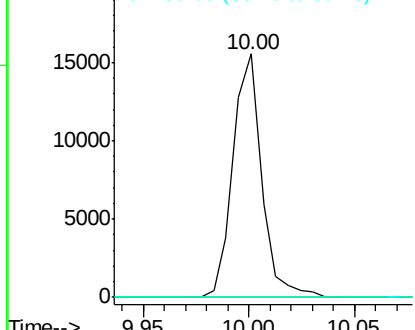
#50
2,6-Dinitrotoluene
Concen: 8.345 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107048.D
Acq: 2 Jul 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 14588
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

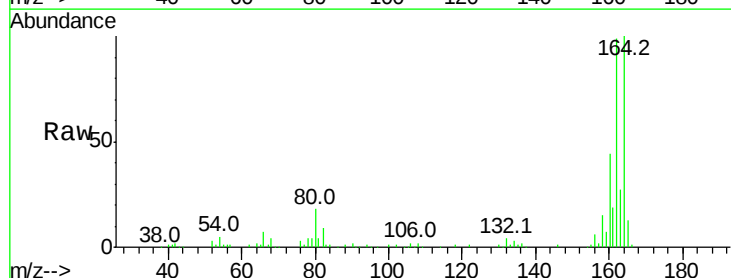


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

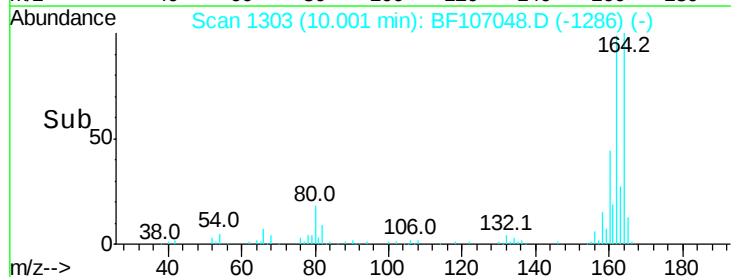
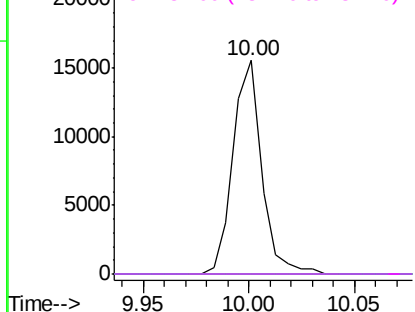


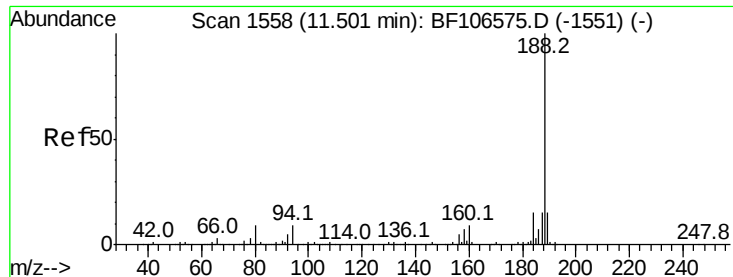
#56
2,4-Dinitrotoluene
Concen: 6.393 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107048.D
Acq: 2 Jul 2018 17:00

Tgt Ion:165 Resp: 14588
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

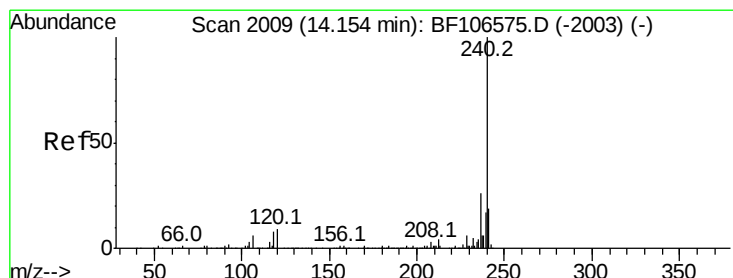
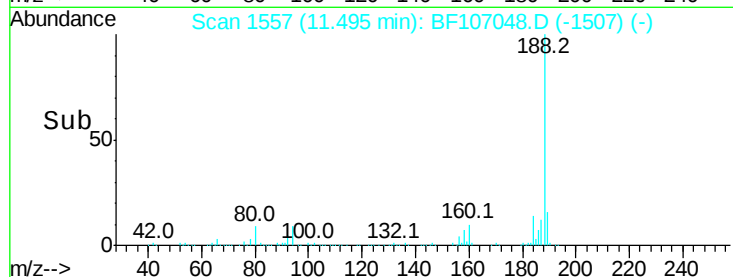
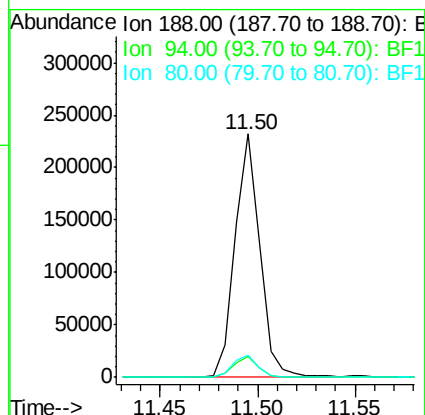
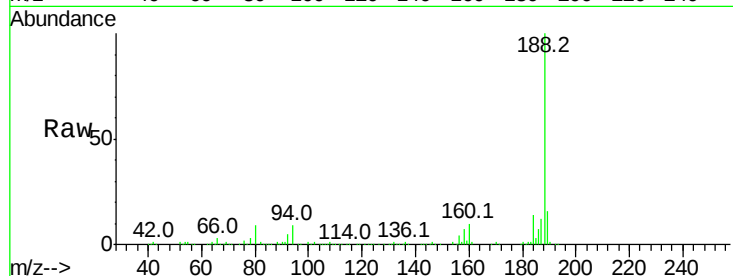




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107048.D
Acq: 2 Jul 2018 17:00

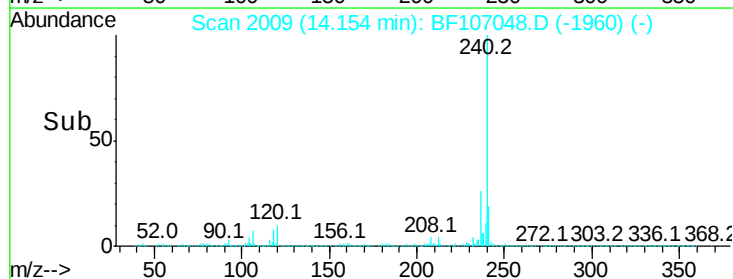
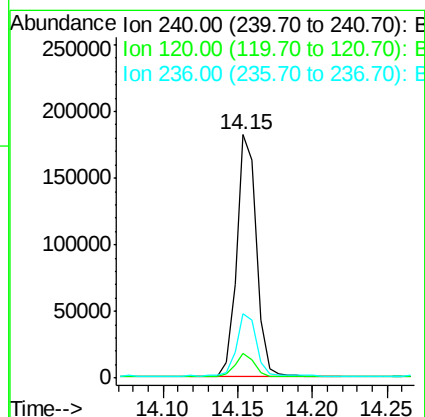
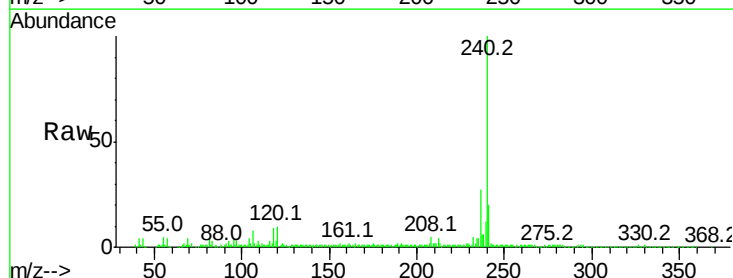
Instrument :
BNA_F
ClientSampleId :

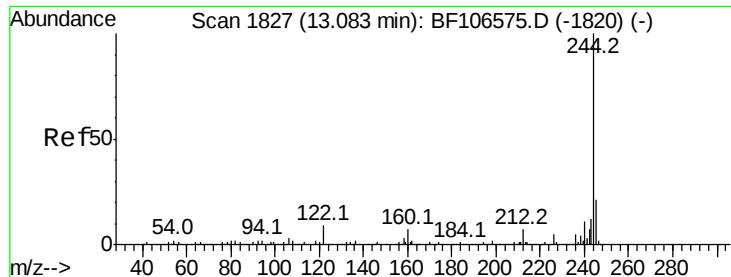
Tot Ion:188 Resp: 204623
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107048.D
Acq: 2 Jul 2018 17:00

Tgt Ion:240 Resp: 170210
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 21.333 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107048.D

Acq: 2 Jul 2018 17:00

Instrument :

BNA_F

ClientSampleId :

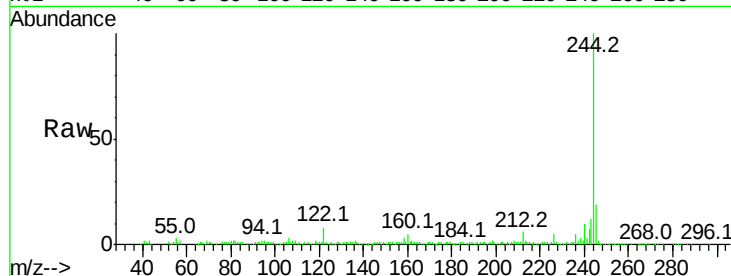
Tot Ion:244 Resp: 149904

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

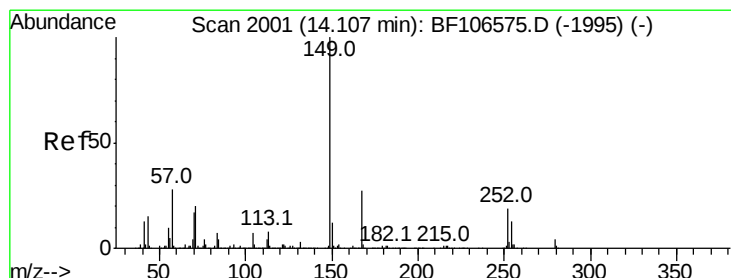
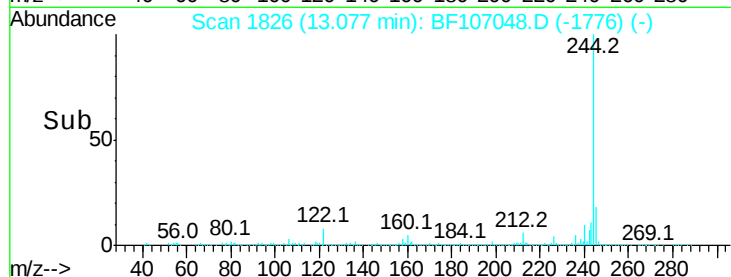
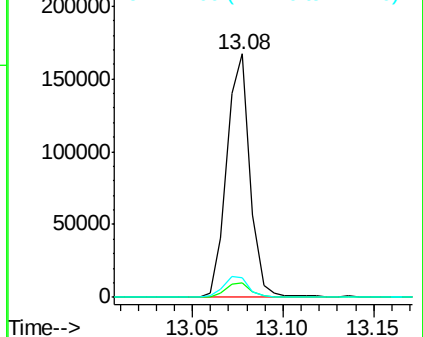
122 8.1 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.671 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF107048.D

Acq: 2 Jul 2018 17:00

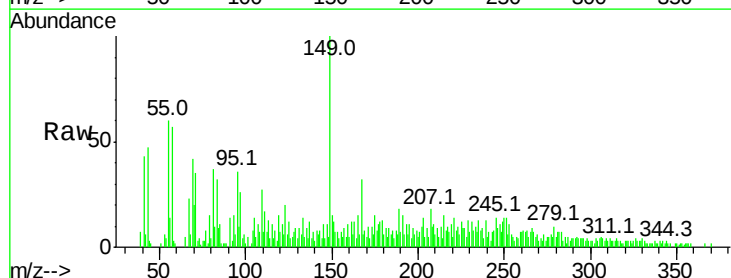
Tgt Ion:149 Resp: 15757

Ion Ratio Lower Upper

149 100

167 32.5 21.3 31.9#

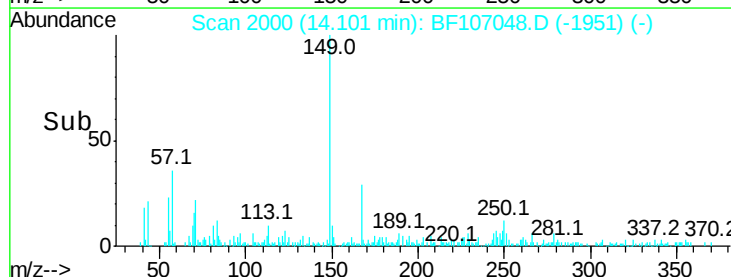
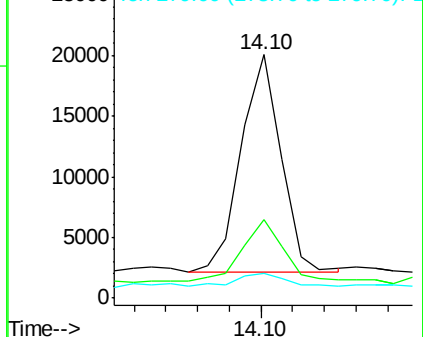
279 10.3 3.0 4.4#

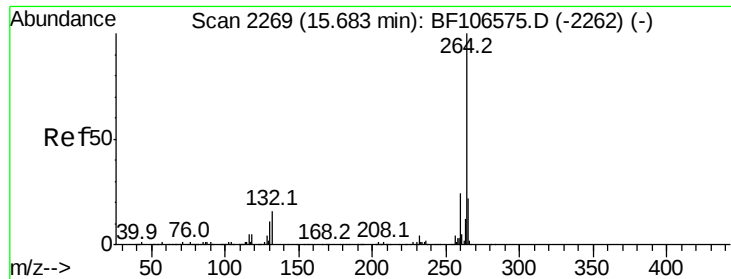


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

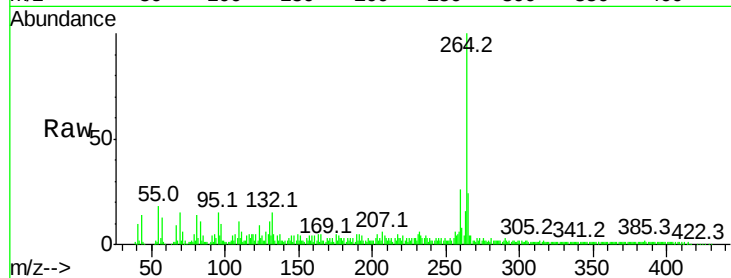




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF107048.D
Acq: 2 Jul 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	24.2	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

