

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107384.D
 Acq On : 14 Jul 2018 00:03
 Operator : JU/SJ
 Sample : J3947-21
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEW-FOOTING-3

Quant Time: Jul 14 01:45:23 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

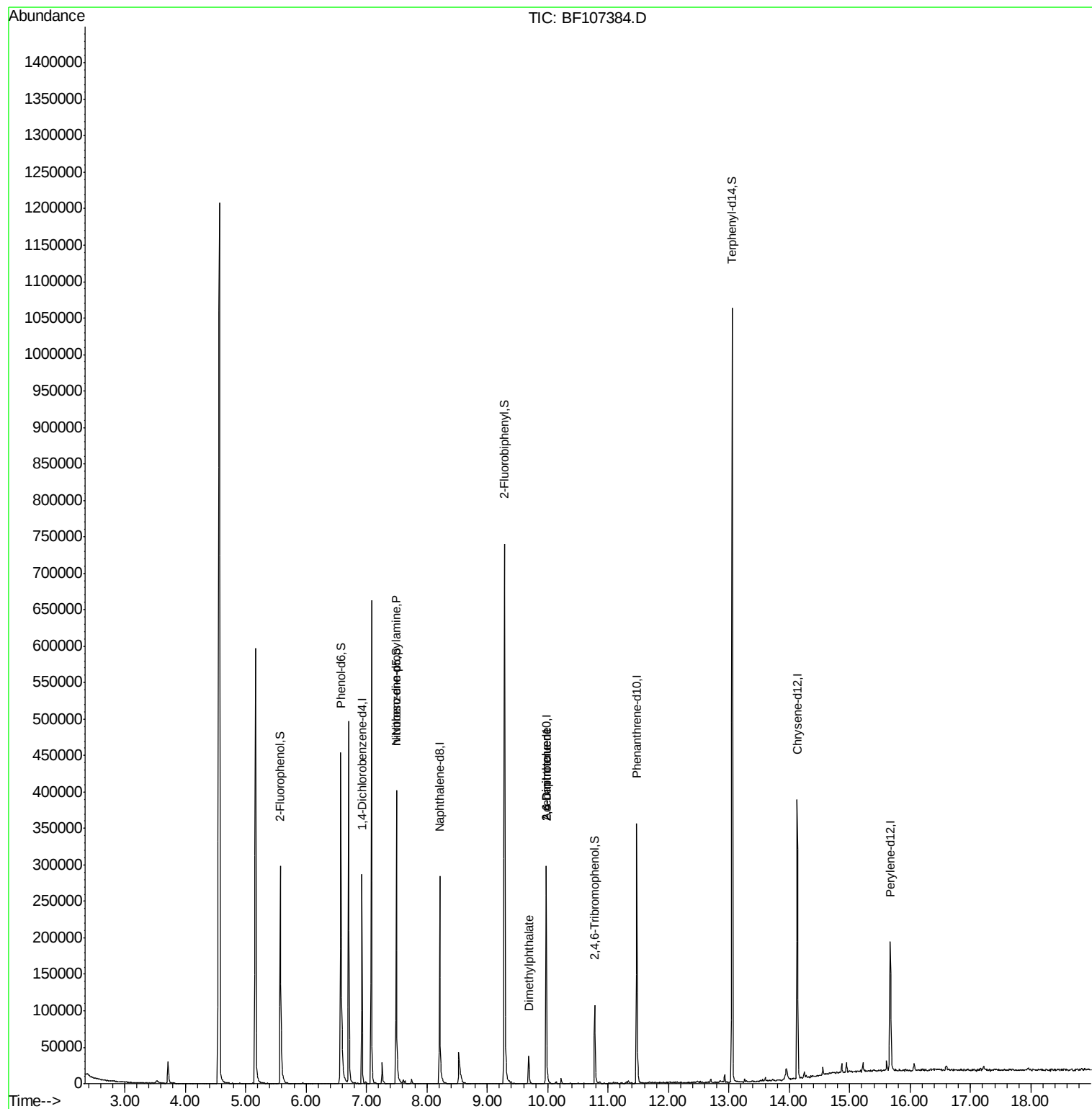
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	44676	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	155575	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	75125	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	162560	20.00	ng	0.00
75) Chrysene-d12	14.13	240	151463	20.00	ng	0.00
86) Perylene-d12	15.67	264	109123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	115564	43.80	ng	0.00
7) Phenol-d6	6.57	99	210048	63.75	ng	0.00
23) Nitrobenzene-d5	7.50	82	149408	53.37	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	19840	22.79	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	303451	64.88	ng	0.00
78) Terphenyl-d14	13.06	244	424786	67.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	18843	8.676	ng	Qvalue # 74
49) Dimethylphthalate	9.69	163	25079	4.451	ng	99
50) 2,6-Dinitrotoluene	9.98	165	9147	7.666	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	9147	5.873	ng	# 21

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

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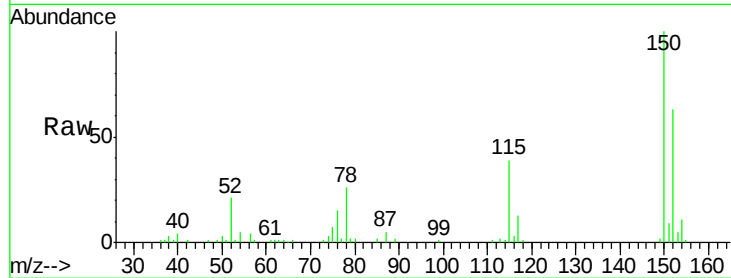


#1

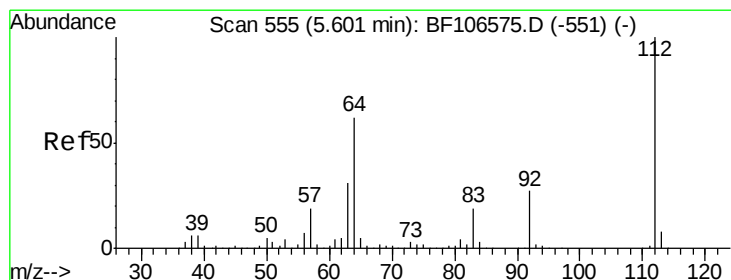
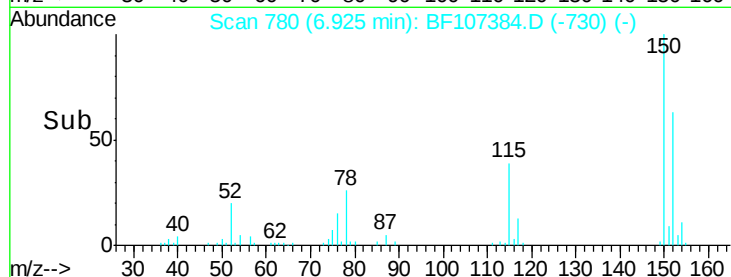
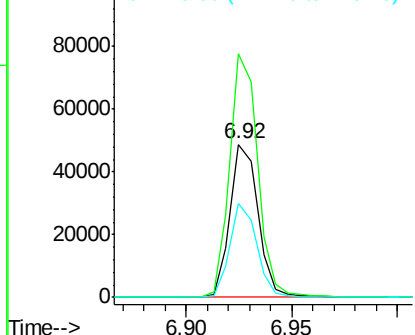
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

Instrument :
BNA_F
ClientSampleId :
NEW-FOOTING-3

Tgt Ion:152 Resp: 44676
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 61.4 50.1 75.1



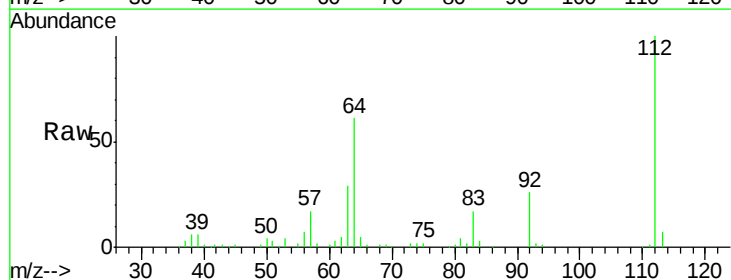
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



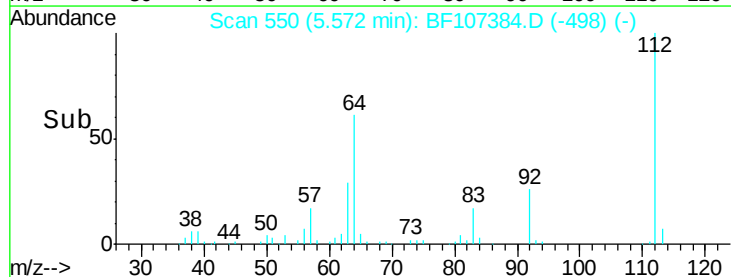
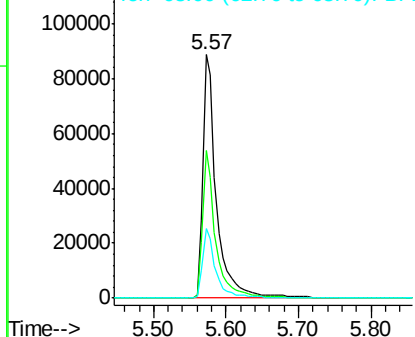
#5

2-Fluorophenol
Concen: 43.801 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

Tgt Ion:112 Resp: 115564
Ion Ratio Lower Upper
112 100
64 60.6 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: 63.751 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF107384.D

Acq: 14 Jul 2018 00:03

Instrument :

BNA_F

ClientSampleId :

NEW-FOOTING-3

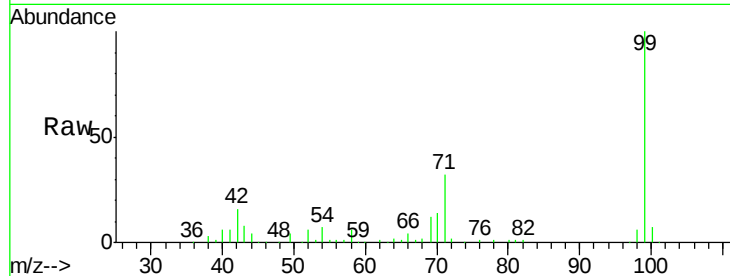
Tgt Ion: 99 Resp: 210048

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

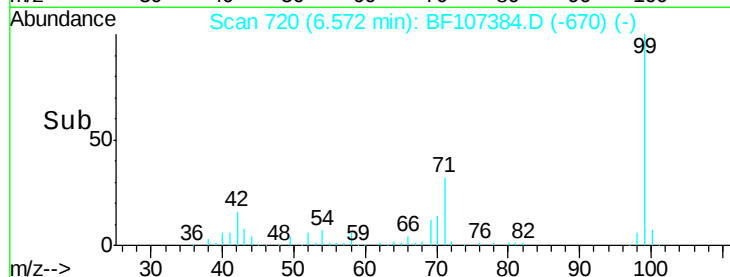
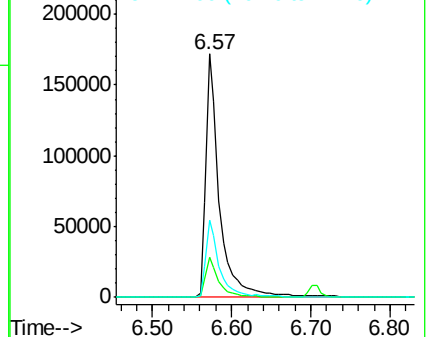
71 31.8 25.4 38.0



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: 8.676 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107384.D

Acq: 14 Jul 2018 00:03

Tgt Ion: 70 Resp: 18843

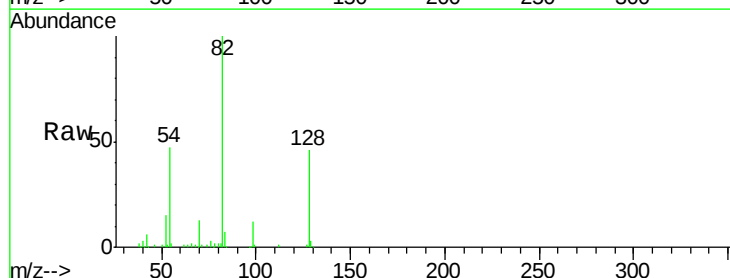
Ion Ratio Lower Upper

70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

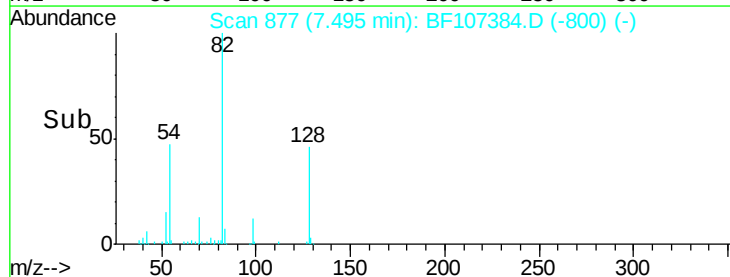
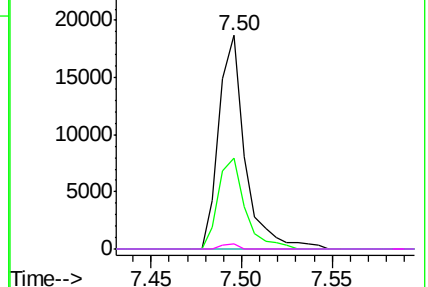


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

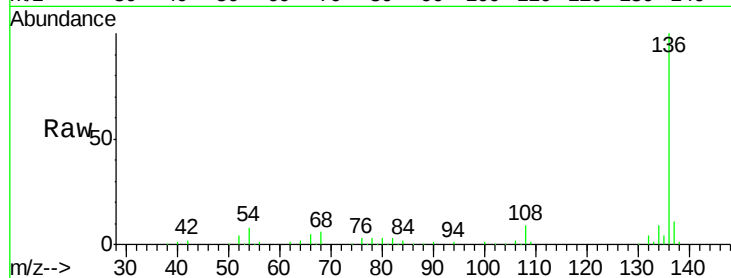




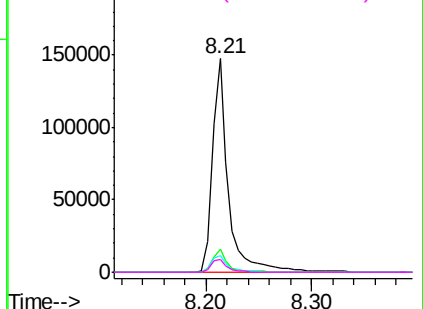
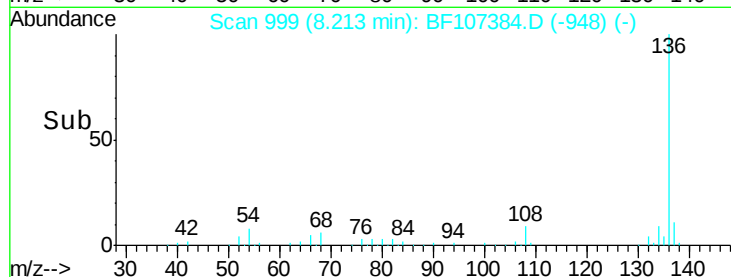
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

Instrument :
BNA_F
ClientSampleId :
NEW-FOOTING-3

Tgt Ion:	136	Resp:	155575
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.7	6.6	9.8
68	6.1	5.0	7.4

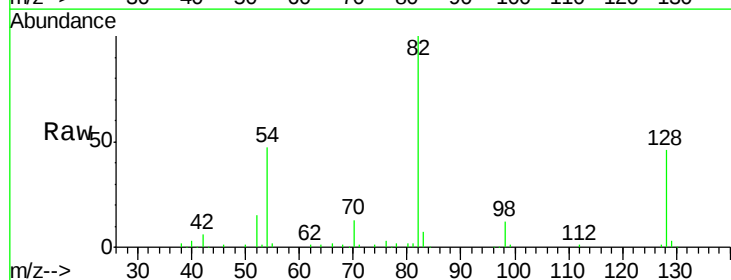


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

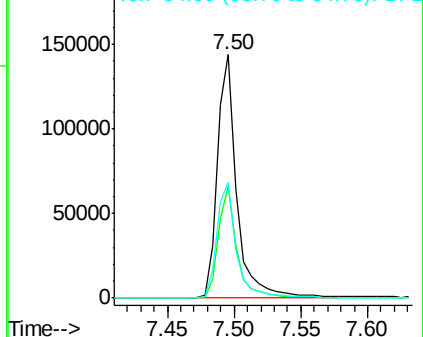
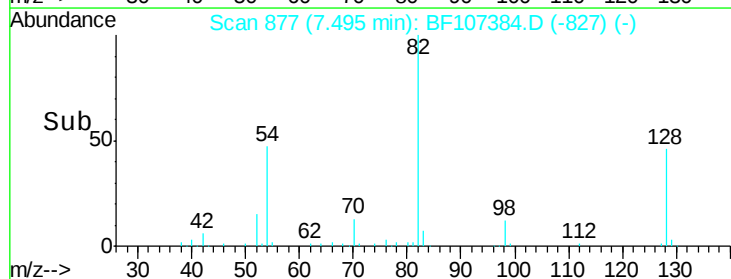


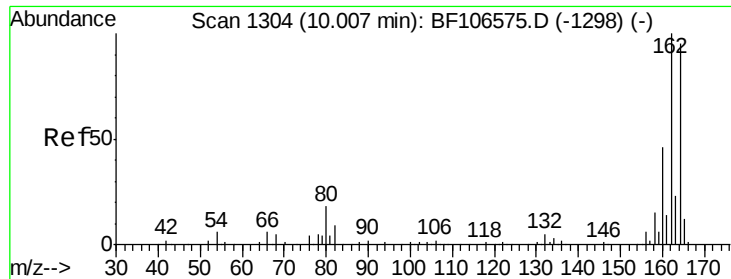
#23
Nitrobenzene-d5
Concen: 53.371 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

Tgt Ion:	82	Resp:	149408
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	47.2	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

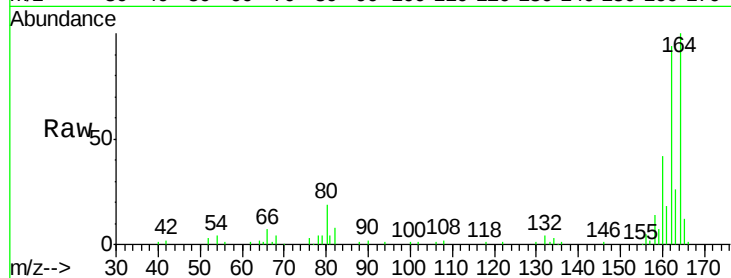




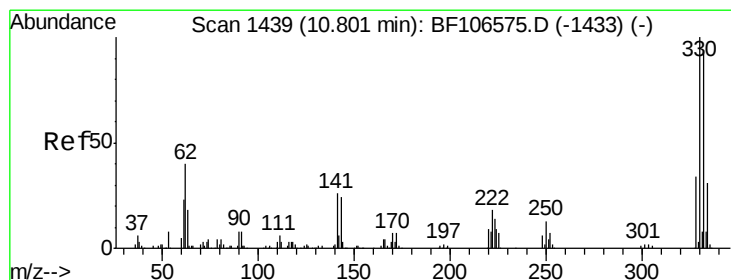
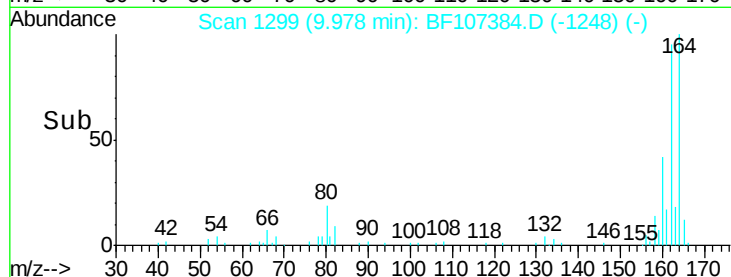
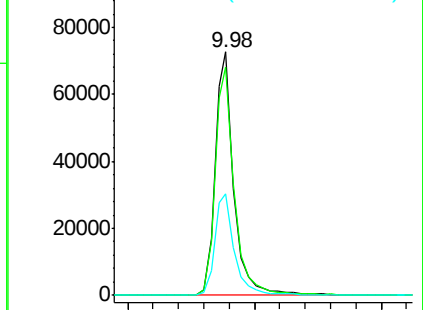
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

Instrument :
BNA_F
ClientSampleId :
NEW-FOOTING-3

Tgt Ion:164 Resp: 75125
Ion Ratio Lower Upper
164 100
162 93.6 86.1 129.1
160 41.7 38.3 57.5

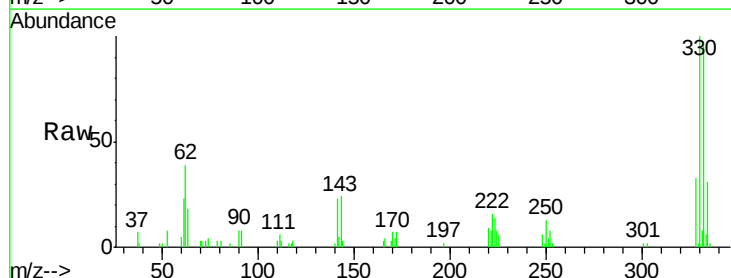


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

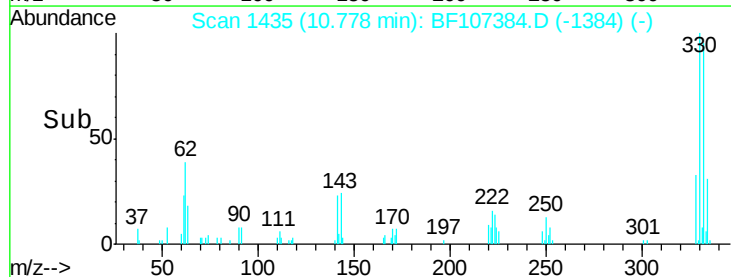
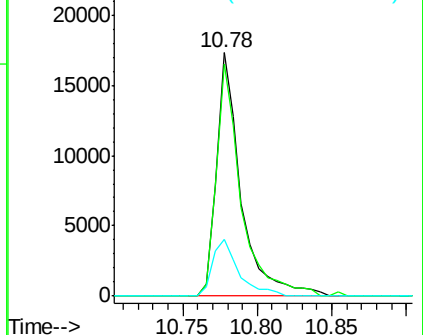


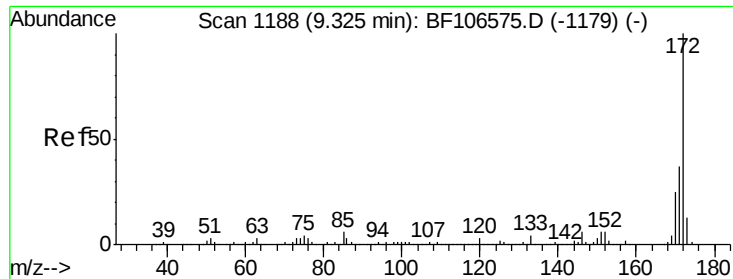
#41
2,4,6-Tribromophenol
Concen: 22.786 ng
RT: 10.78 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

Tgt Ion:330 Resp: 19840
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 25.1 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

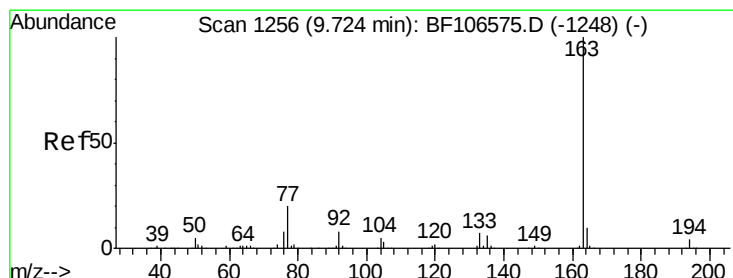
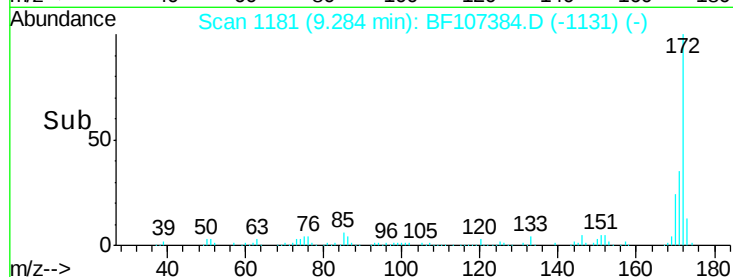
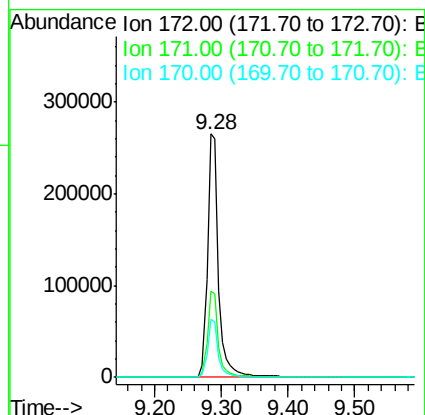
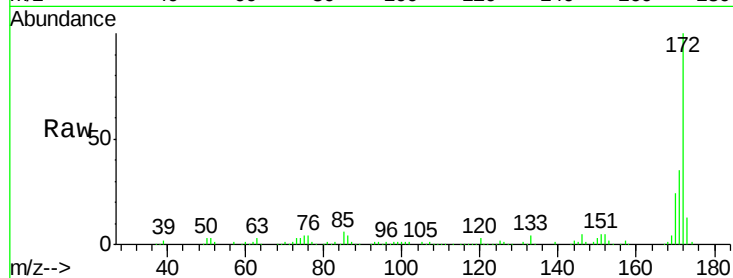




#44
2-Fluorobiphenyl
Concen: 64.878 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

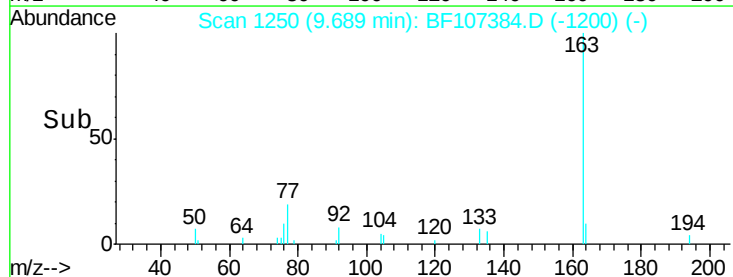
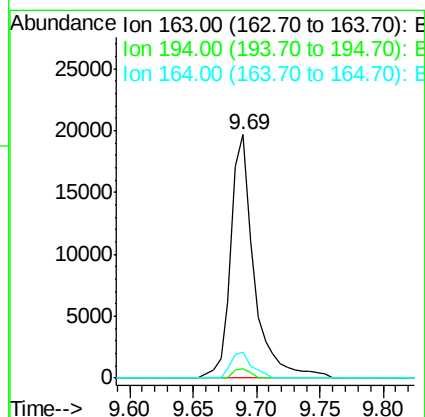
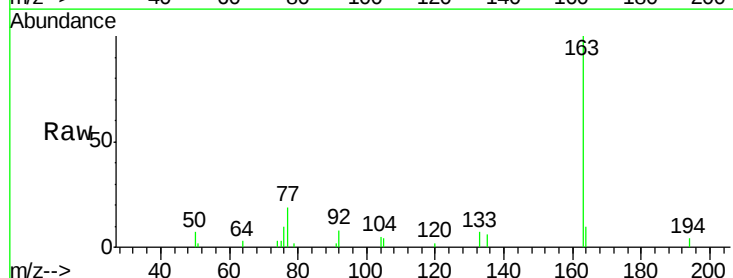
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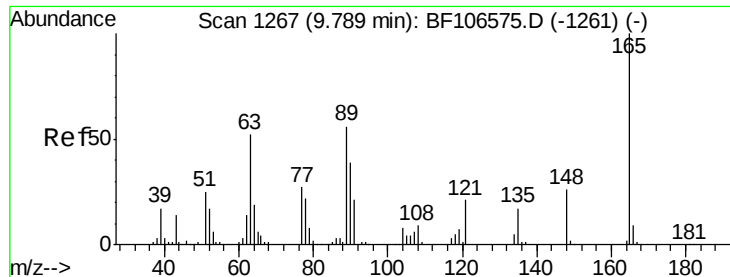
Tgt Ion:172 Resp: 303451
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 4.451 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

Tgt Ion:163 Resp: 25079
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.5 8.2 12.2

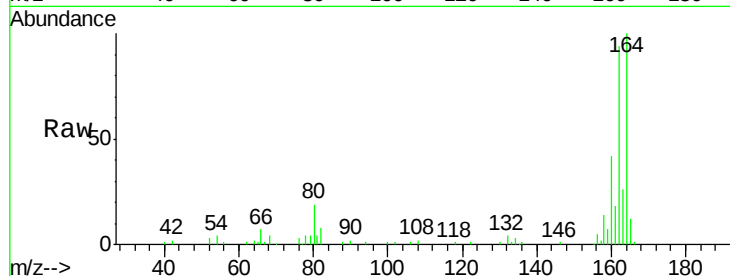




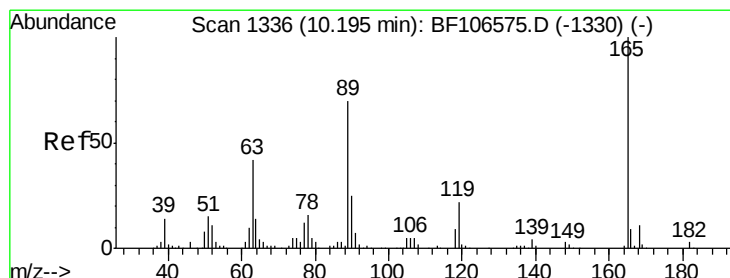
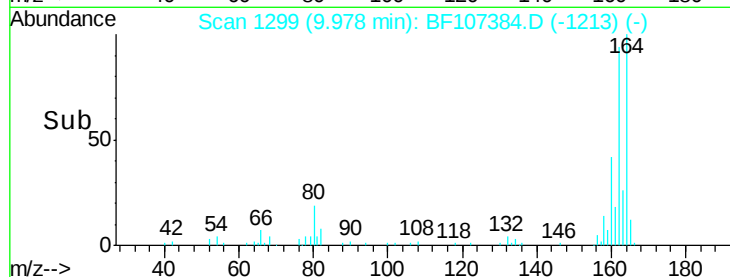
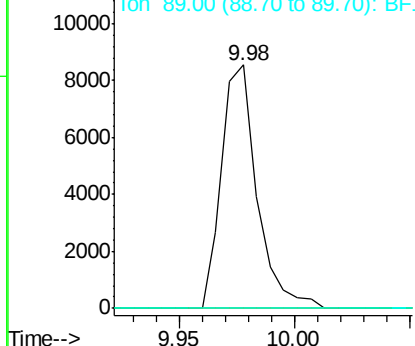
#50
 2,6-Dinitrotoluene
 Concen: 7.666 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.21 min
 Lab File: BF107384.D
 Acq: 14 Jul 2018 00:03

Instrument :
 BNA_F
 ClientSampleId :
 NEW-FOOTING-3

Tgt Ion:165 Resp: 9147
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



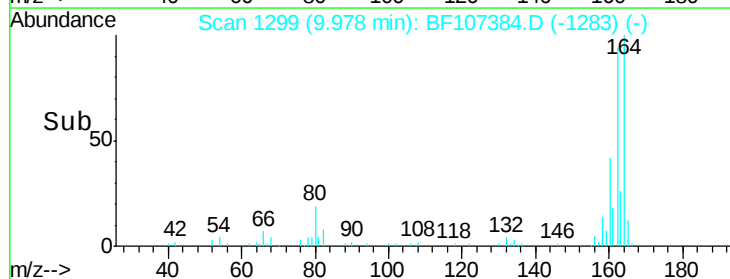
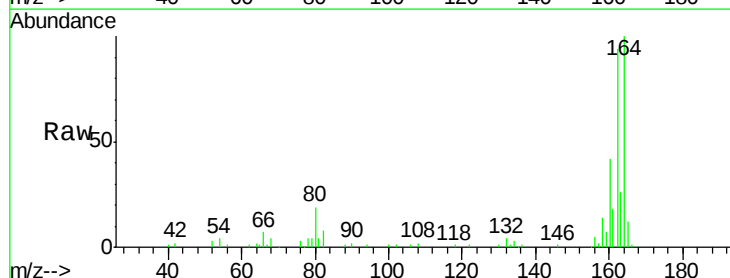
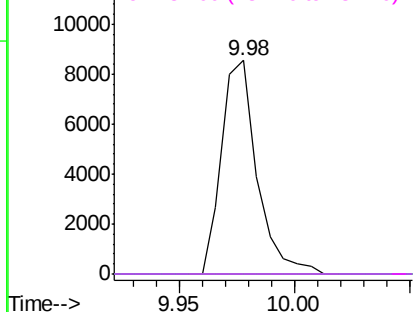
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

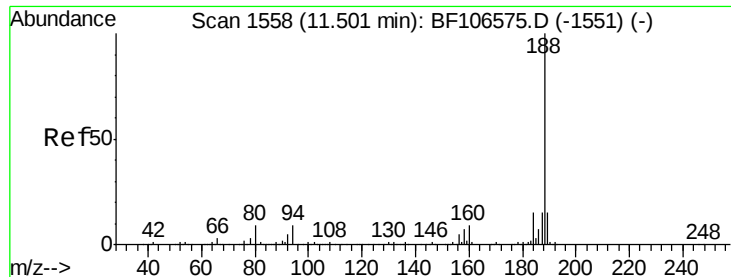


#56
 2,4-Dinitrotoluene
 Concen: 5.873 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF107384.D
 Acq: 14 Jul 2018 00:03

Tgt Ion:165 Resp: 9147
 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

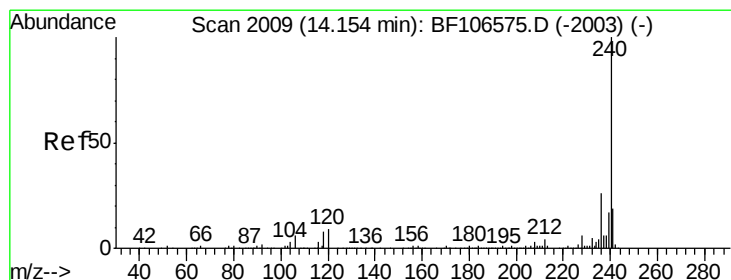
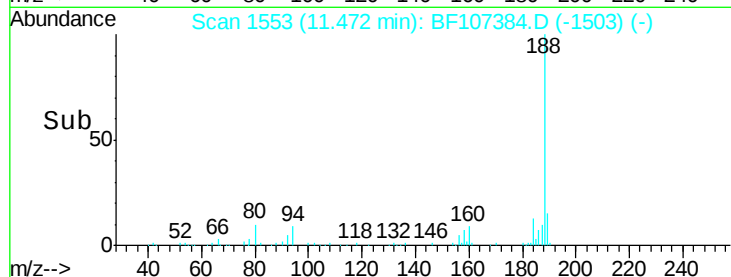
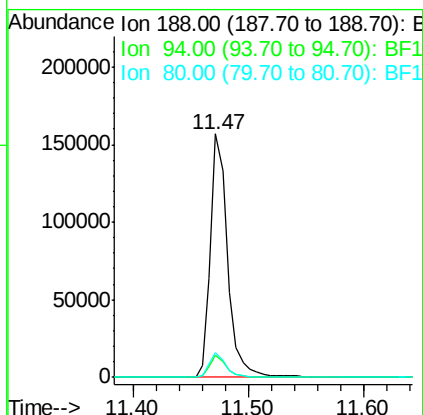
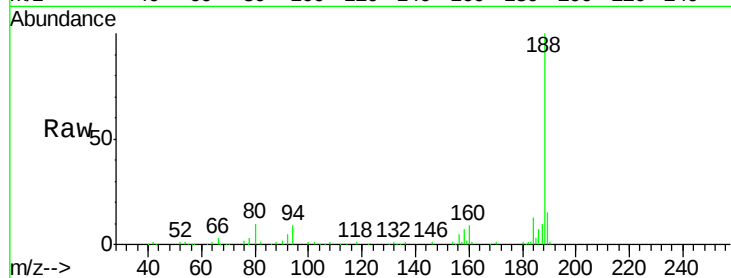




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

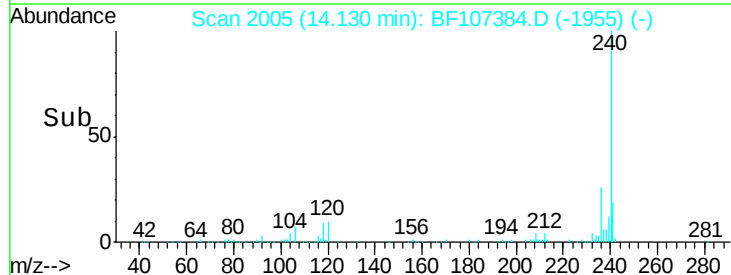
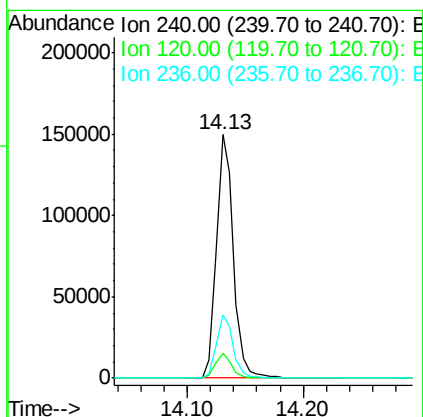
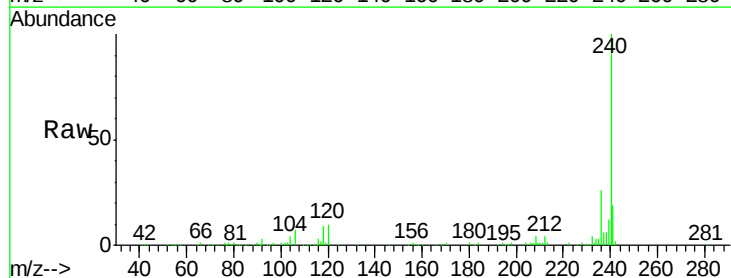
Instrument :
BNA_F
ClientSampleId :
NEW-FOOTING-3

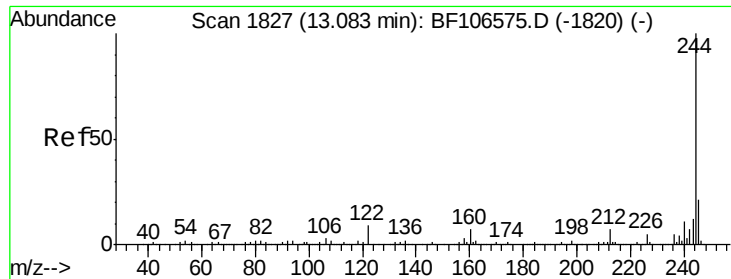
Tgt Ion:188 Resp: 162560
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107384.D
Acq: 14 Jul 2018 00:03

Tgt Ion:240 Resp: 151463
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 25.9 20.7 31.1

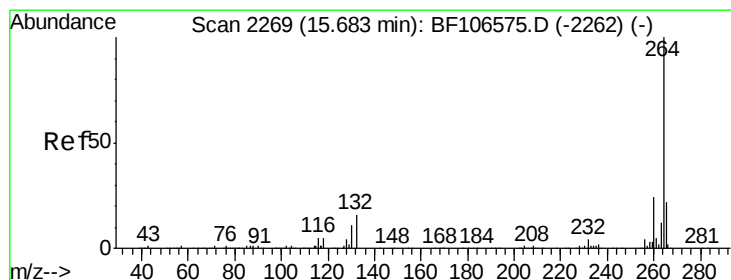
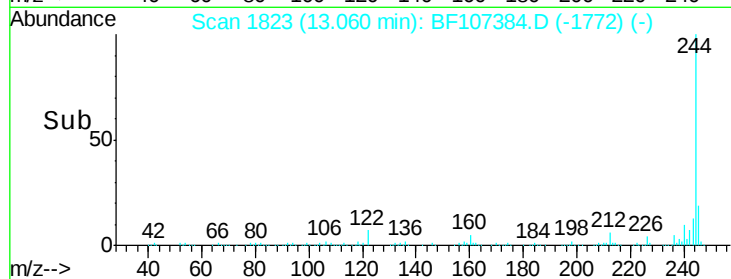
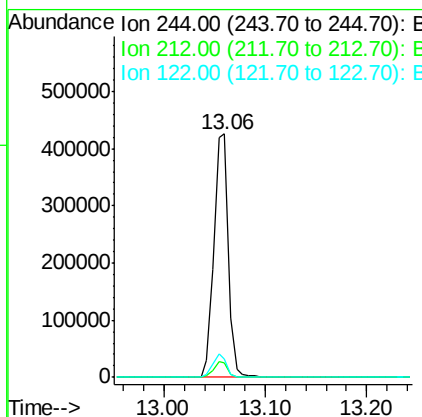
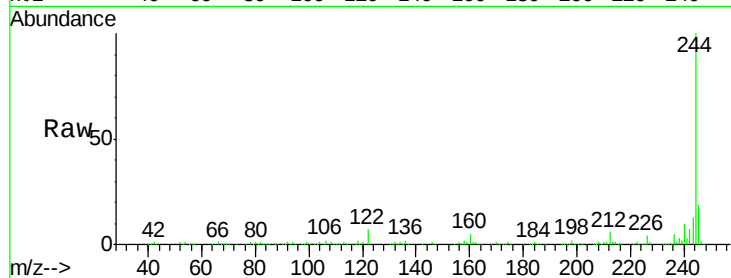




#78
 Terphenyl-d14
 Concen: 67.935 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF107384.D
 Acq: 14 Jul 2018 00:03

Instrument :
 BNA_F
 ClientSampleId :
 NEW-FOOTING-3

Tgt Ion:244 Resp: 424786
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.0
 122 7.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BF107384.D
 Acq: 14 Jul 2018 00:03

Tgt Ion:264 Resp: 109123
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.3 17.5 26.3

