

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107067.D
 Acq On : 3 Jul 2018 2:57
 Operator : JU/SJ
 Sample : J3800-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Jul 03 04:29:40 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

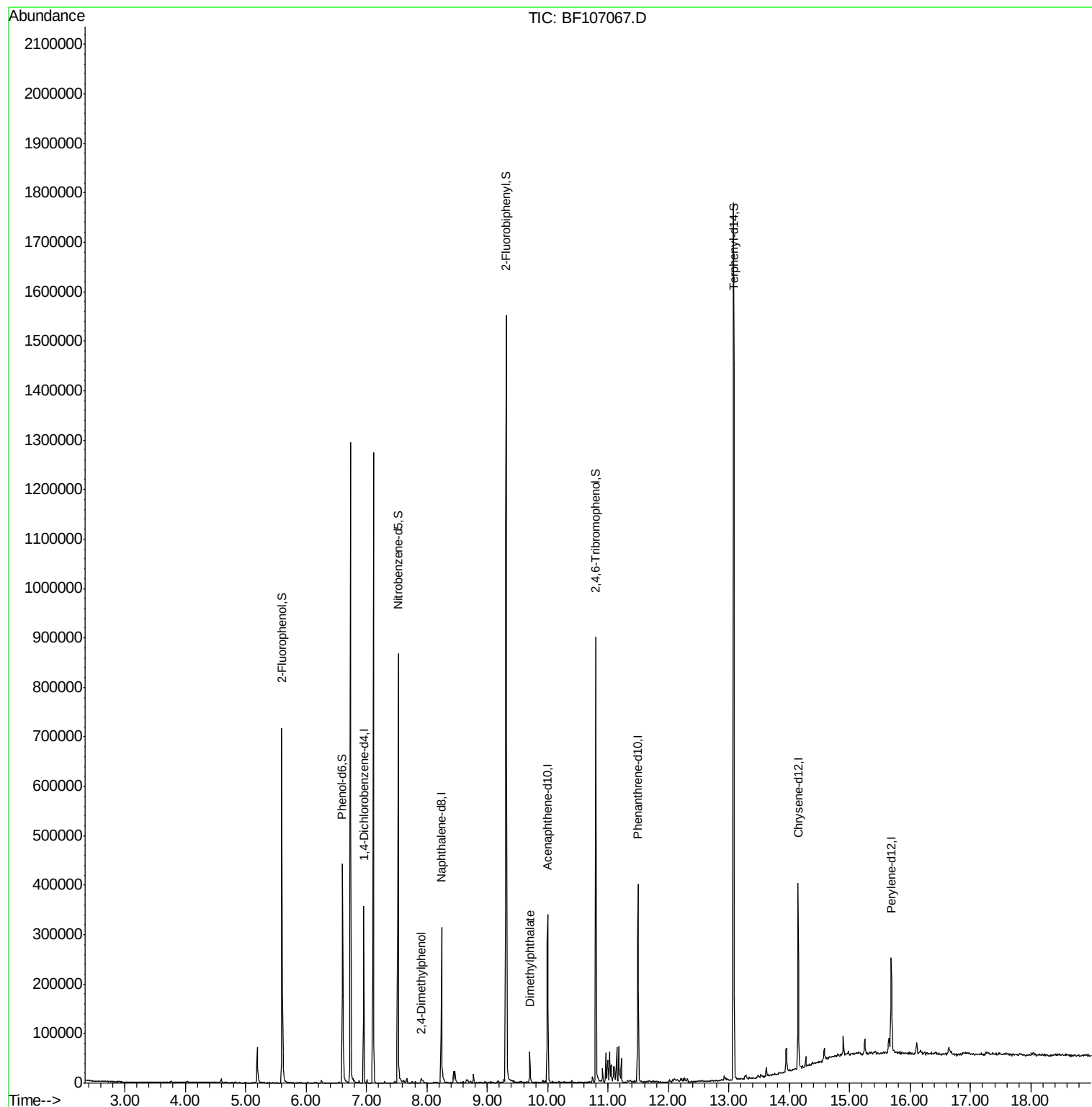
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	52073	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	171884	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	75617	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	155423	20.00	ng	0.00
75) Chrysene-d12	14.15	240	139220	20.00	ng	-0.02
86) Perylene-d12	15.69	264	104314	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	212962	69.25	ng	0.00
7) Phenol-d6	6.60	99	157093	40.91	ng	-0.01
23) Nitrobenzene-d5	7.52	82	292165	94.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	135613	154.73	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	518155	122.49	ng	-0.01
78) Terphenyl-d14	13.08	244	698535	121.54	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.91	122	5364	2.328	ng	91
49) Dimethylphthalate	9.71	163	31282	5.516	ng	# 99

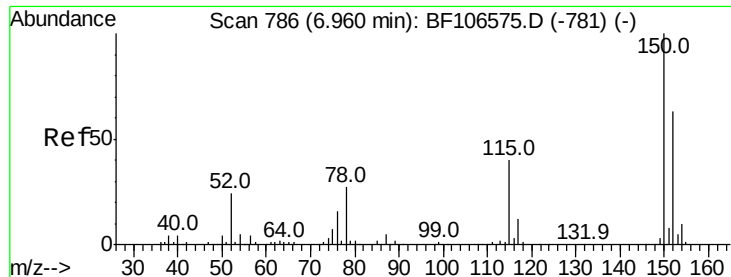
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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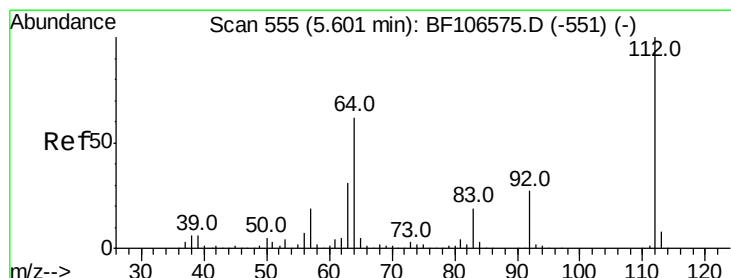
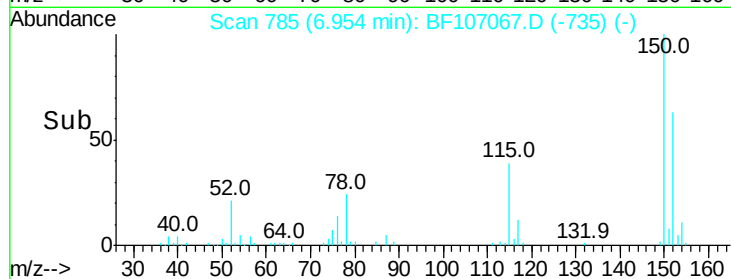
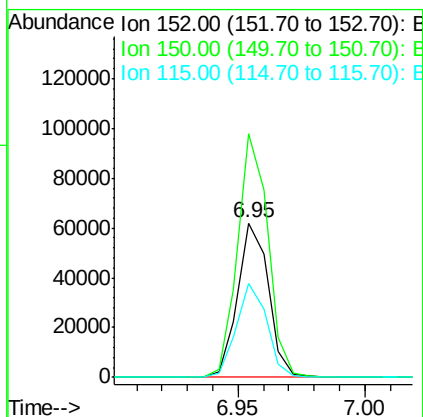
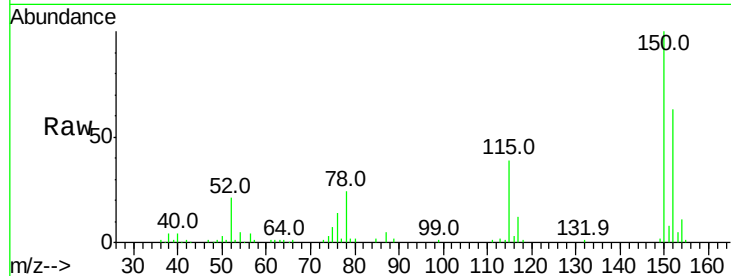


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107067.D
Acq: 3 Jul 2018 2:57

Instrument :
BNA_F
ClientSampleId :
MW-15

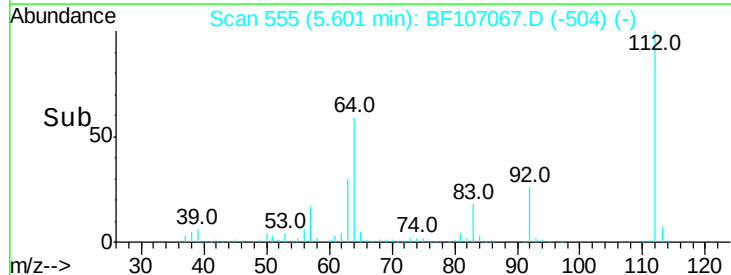
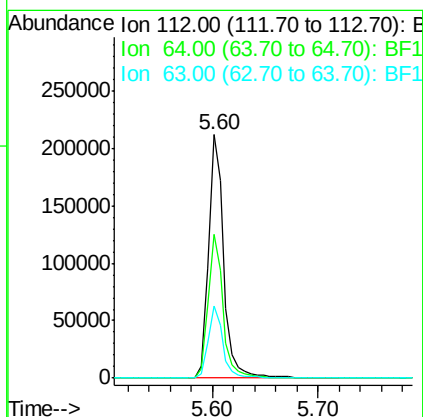
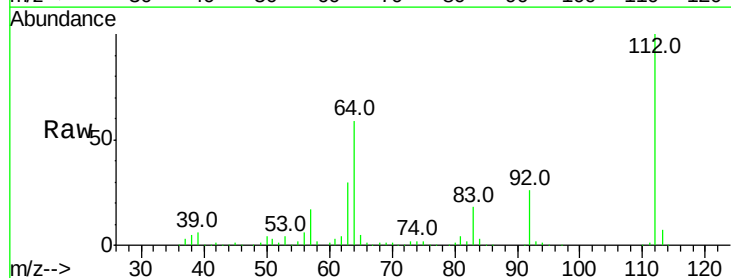
Tot Ion:152 Resp: 52073
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 61.3 50.1 75.1

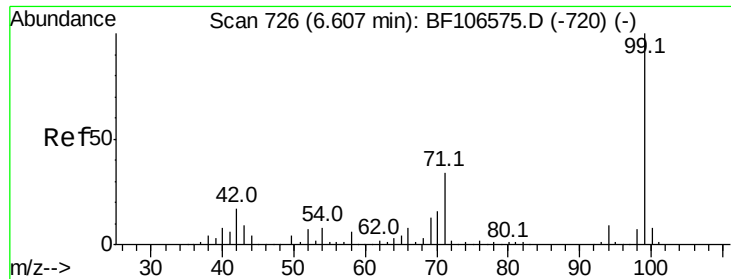


#5

2-Fluorophenol
Concen: 69.251 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107067.D
Acq: 3 Jul 2018 2:57

Tgt Ion:112 Resp: 212962
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 40.906 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107067.D

Acq: 3 Jul 2018 2:57

Instrument :

BNA_F

ClientSampleId :

MW-15

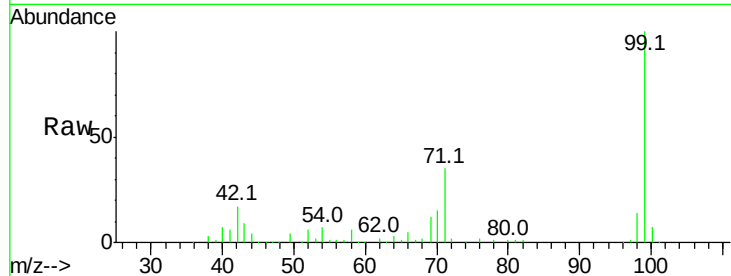
Tot Ion: 99 Resp: 157093

Ion Ratio Lower Upper

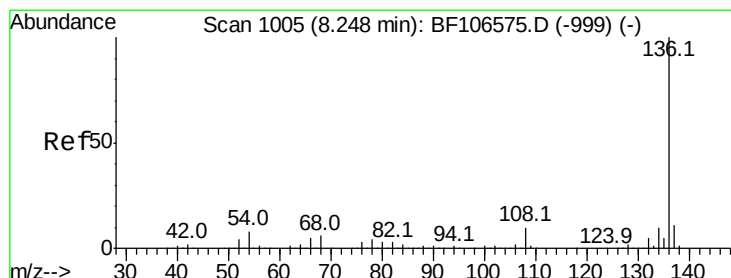
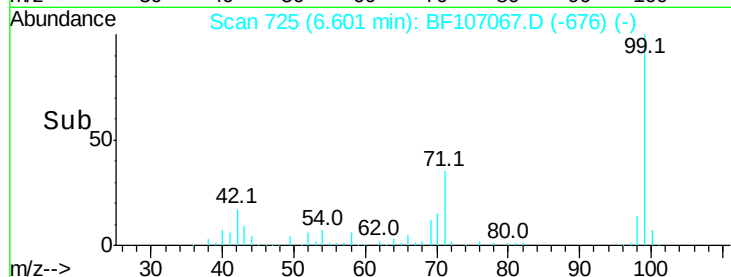
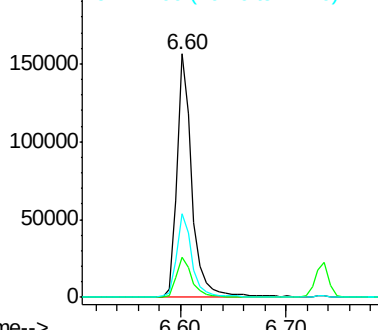
99 100

42 16.7 14.5 21.7

71 34.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107067.D

Acq: 3 Jul 2018 2:57

Tgt Ion: 136 Resp: 171884

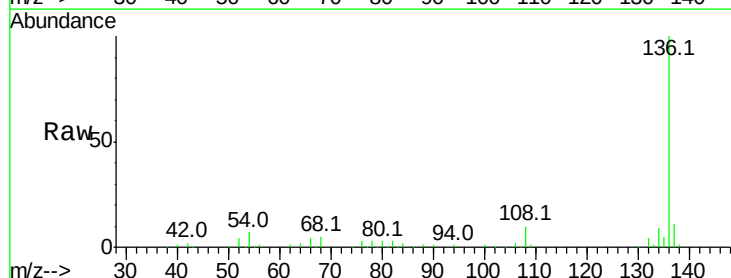
Ion Ratio Lower Upper

136 100

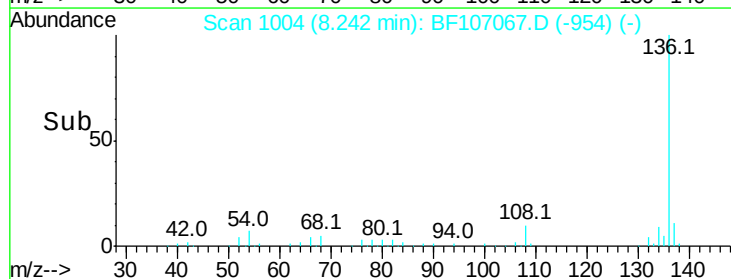
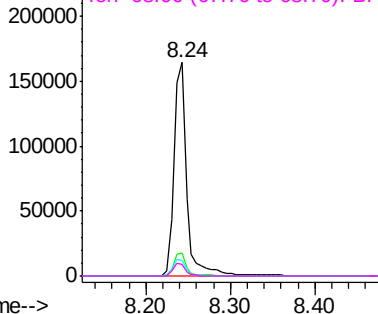
137 10.5 8.9 13.3

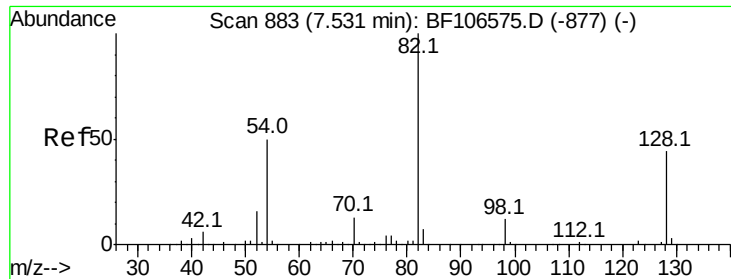
54 7.1 6.6 9.8

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

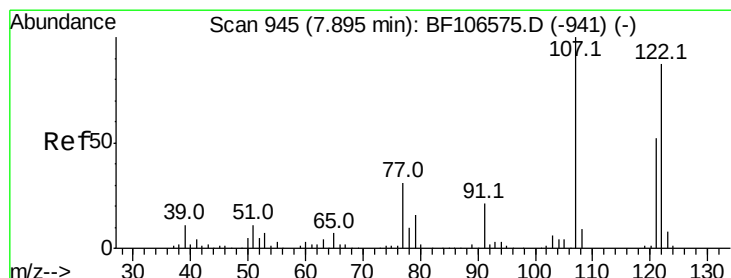
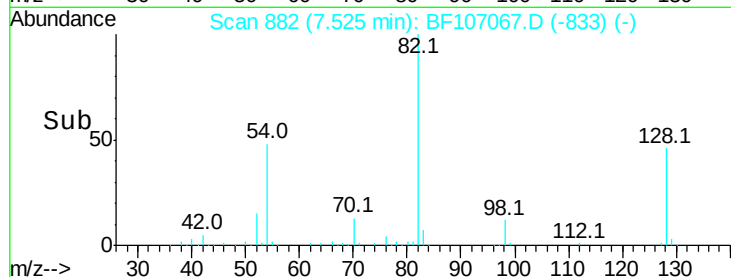
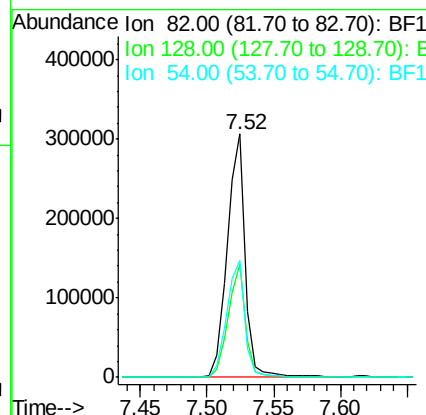
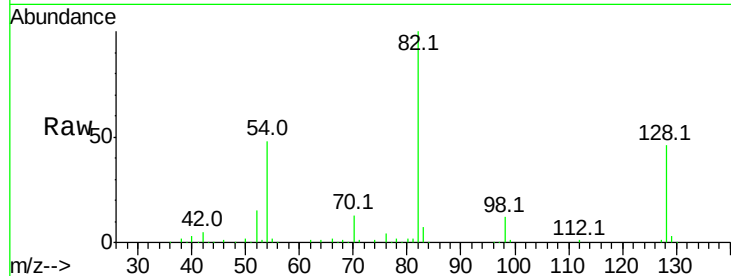




#23
 Nitrobenzene-d5
 Concen: 94.463 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107067.D
 Acq: 3 Jul 2018 2:57

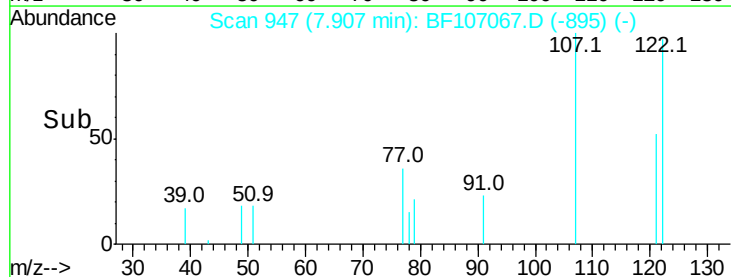
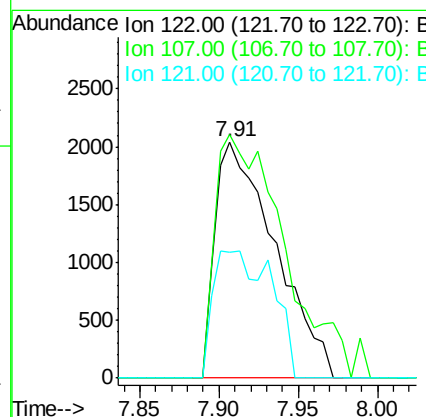
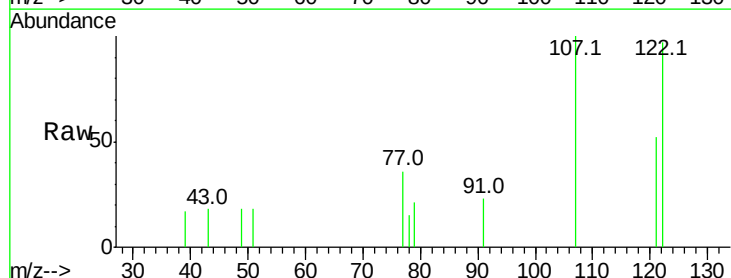
Instrument :
 BNA_F
 ClientSampleId :
 MW-15

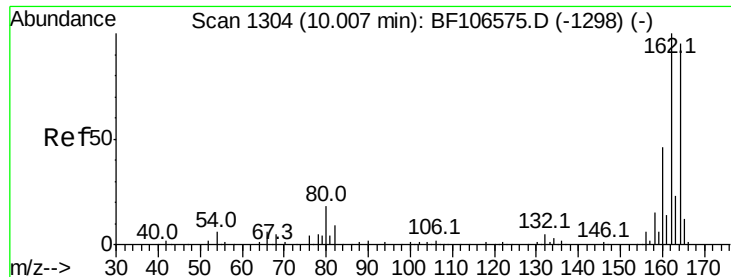
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	47.8	41.4	62.2



#27
 2,4-Dimethylphenol
 Concen: 2.328 ng
 RT: 7.91 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF107067.D
 Acq: 3 Jul 2018 2:57

Tgt Ion	Ratio	Lower	Upper
122	100		
107	103.1	91.2	136.8
121	53.3	47.2	70.8

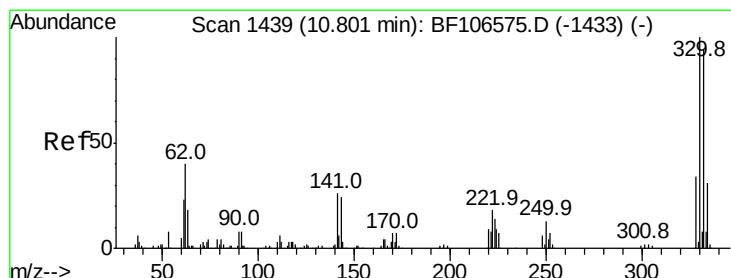
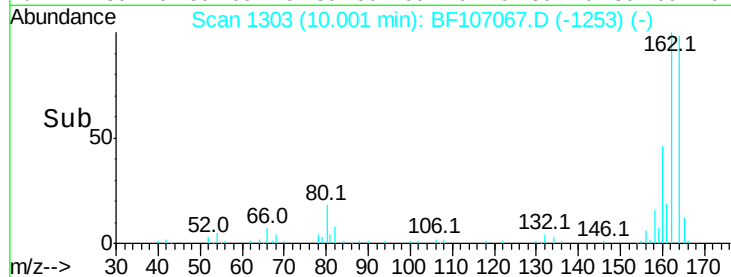
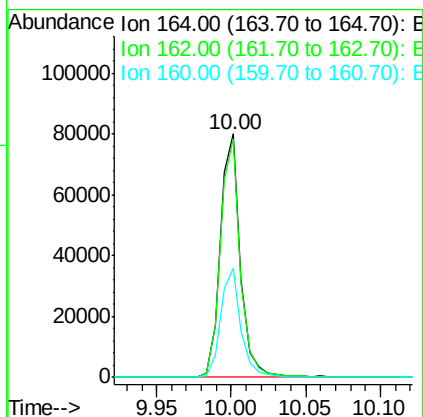
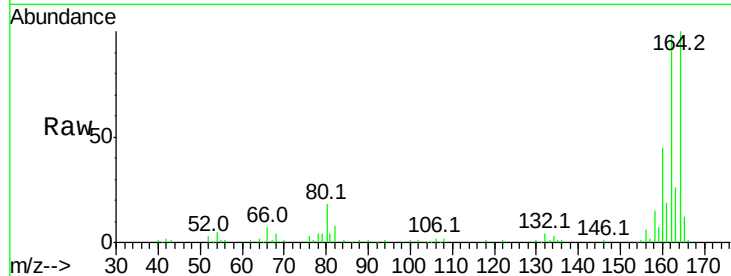




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107067.D
Acq: 3 Jul 2018 2:57

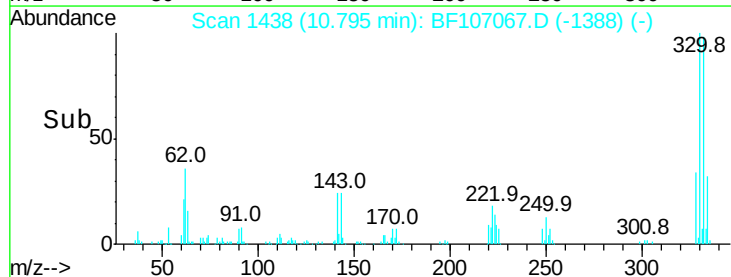
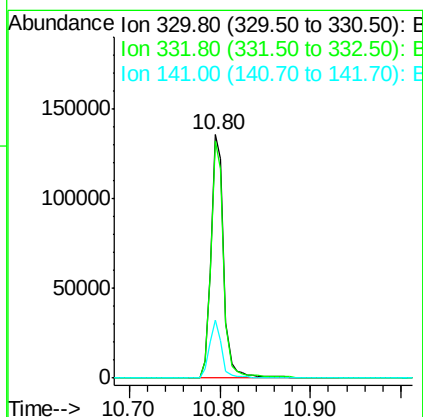
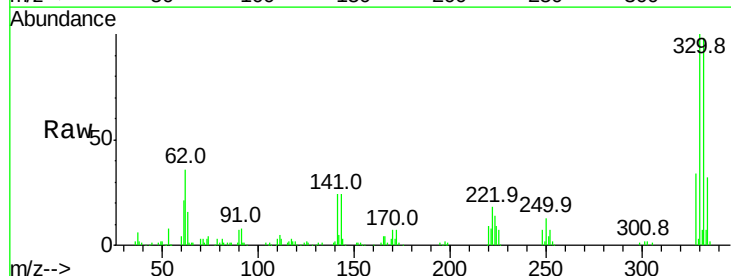
Instrument :
BNA_F
ClientSampled :
MW-15

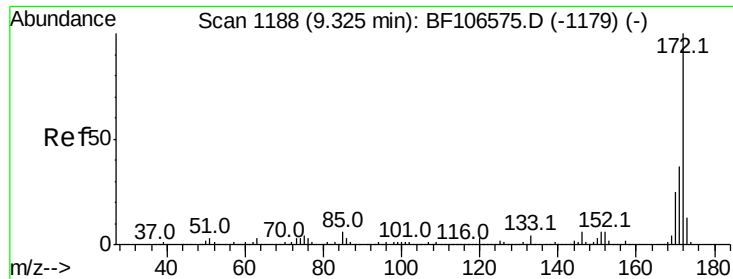
Tot Ion:164 Resp: 75617
Ion Ratio Lower Upper
164 100
162 98.1 86.1 129.1
160 44.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 154.735 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107067.D
Acq: 3 Jul 2018 2:57

Tgt Ion:330 Resp: 135613
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 22.8 29.9 44.9#

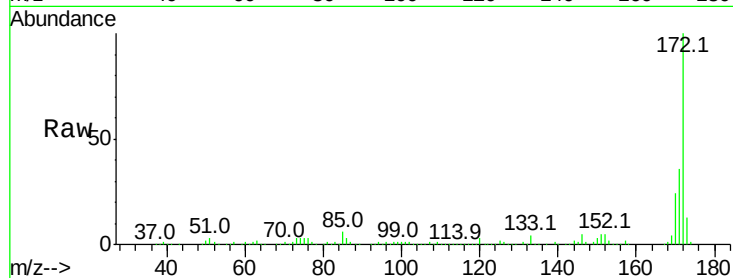




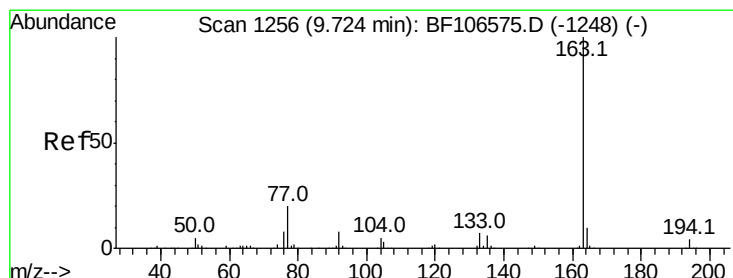
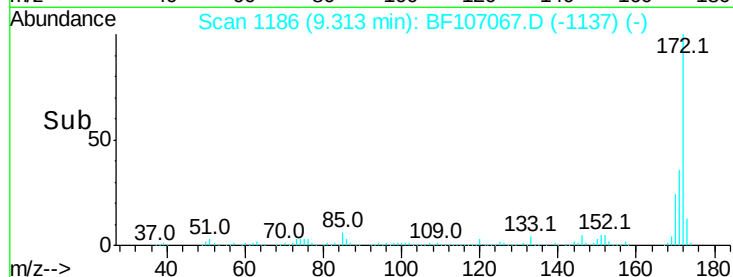
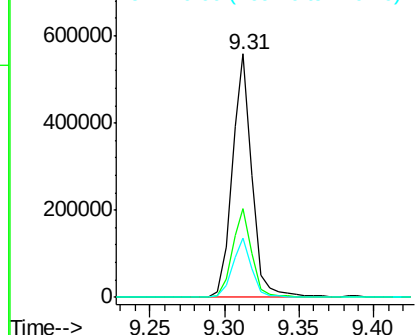
#44
2-Fluorobiphenyl
Concen: 122.491 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107067.D
Acq: 3 Jul 2018 2:57

Instrument :
BNA_F
ClientSampleId :
MW-15

Tot Ion:172 Resp: 518155
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.2 19.6 29.4

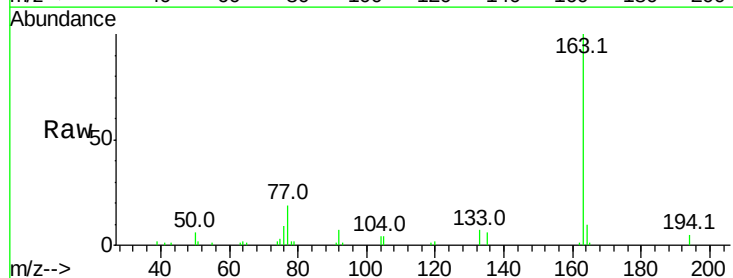


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

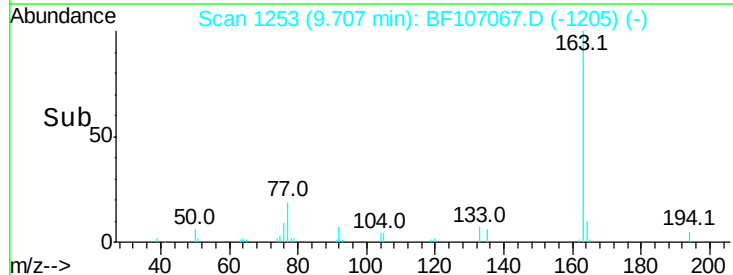
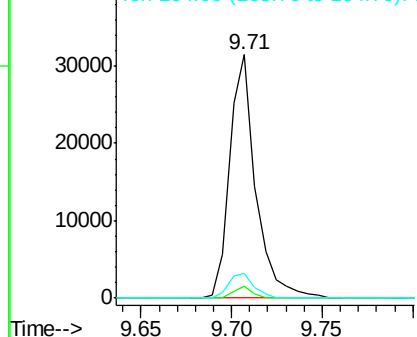


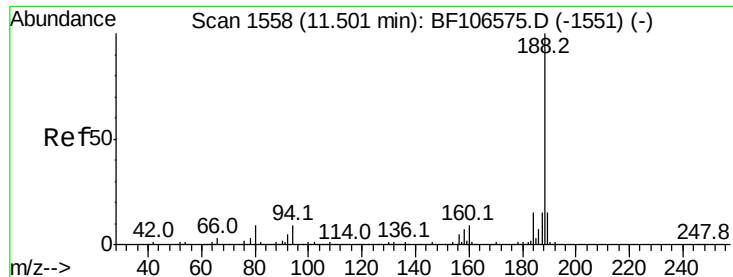
#49
Dimethylphthalate
Concen: 5.516 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107067.D
Acq: 3 Jul 2018 2:57

Tgt Ion:163 Resp: 31282
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 10.0 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

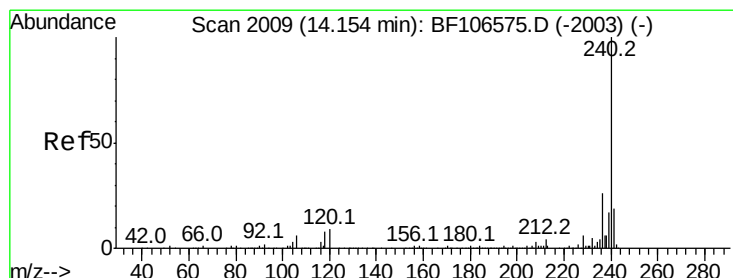
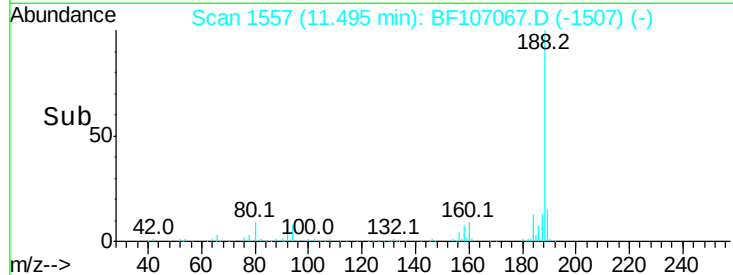
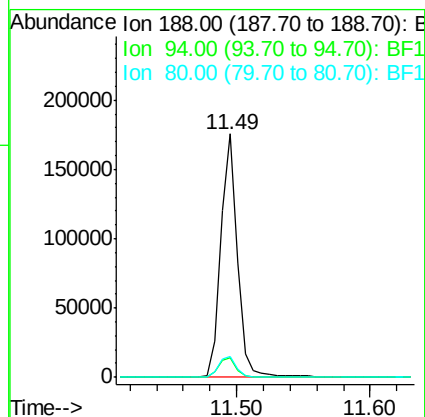
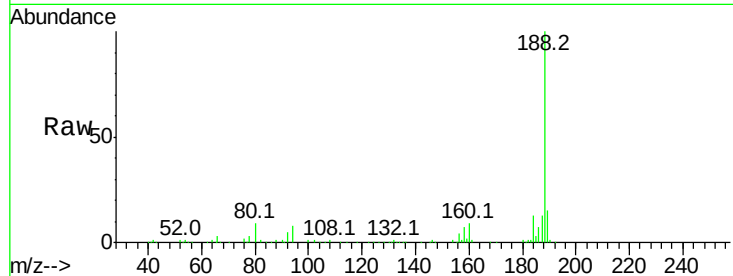




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107067.D
Acq: 3 Jul 2018 2:57

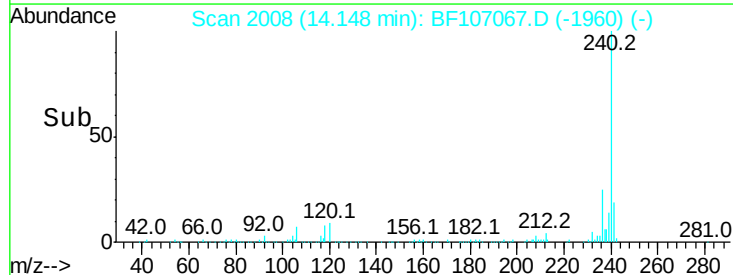
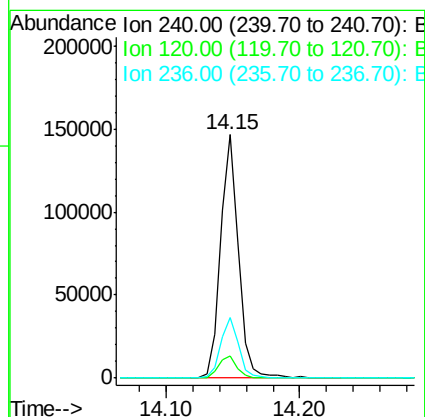
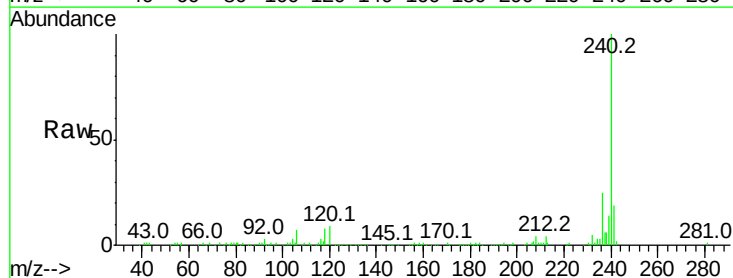
Instrument :
BNA_F
ClientSampleId :
MW-15

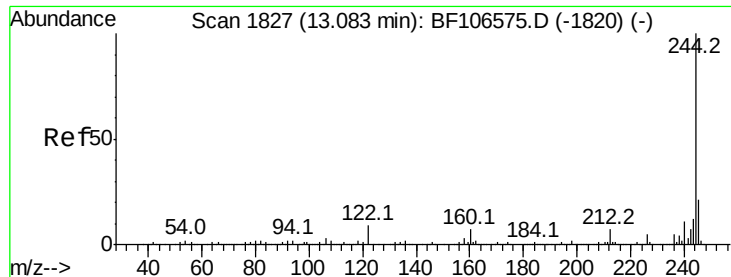
Tot Ion:188 Resp: 155423
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.8 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107067.D
Acq: 3 Jul 2018 2:57

Tgt Ion:240 Resp: 139220
Ion Ratio Lower Upper
240 100
120 8.9 9.5 14.3#
236 25.1 20.7 31.1

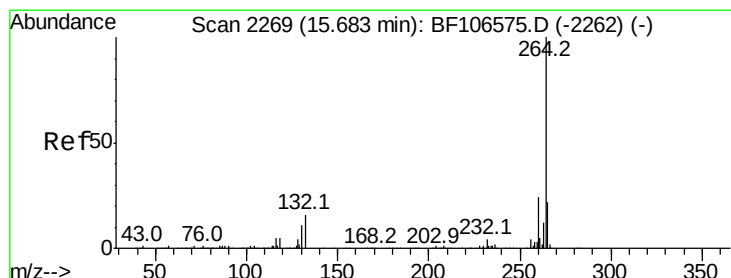
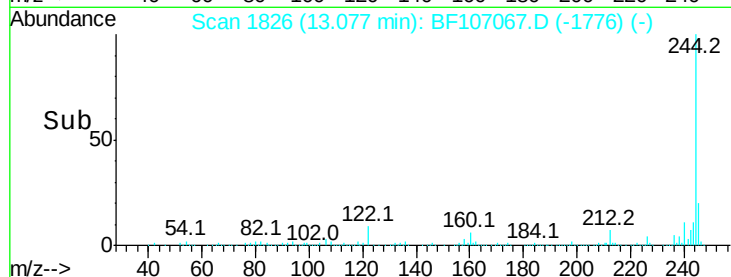
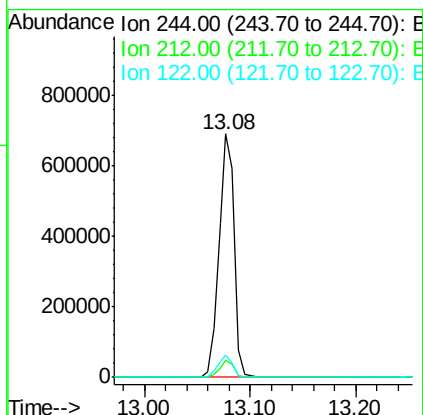
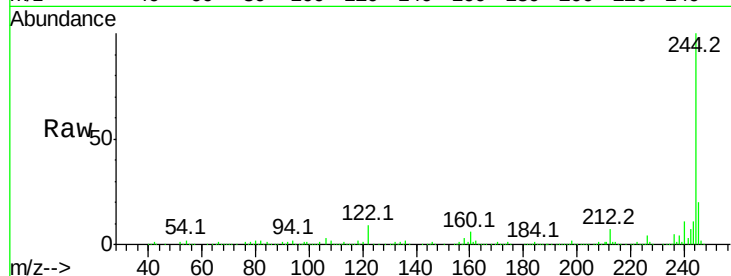




#78
 Terphenyl-d14
 Concen: 121.539 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107067.D
 Acq: 3 Jul 2018 2:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion:244 Resp: 698535
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107067.D
 Acq: 3 Jul 2018 2:57

Tgt Ion:264 Resp: 104314
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.9 17.5 26.3

