

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107065.D
 Acq On : 3 Jul 2018 2:03
 Operator : JU/SJ
 Sample : J3799-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ULMW-02

Quant Time: Jul 03 04:20:37 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

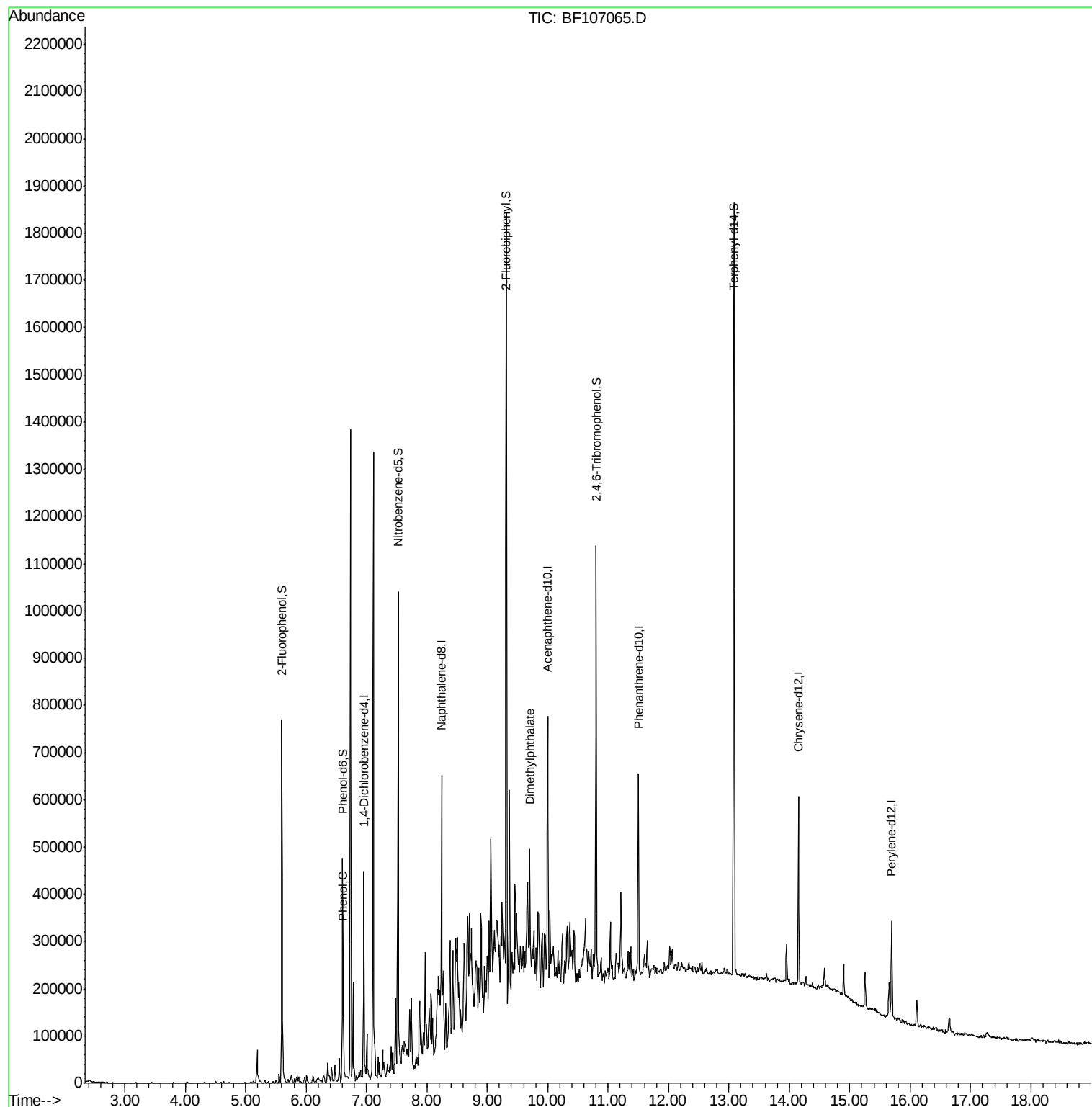
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	60963	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	207502	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	92411	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	162908	20.00	ng	0.00
75) Chrysene-d12	14.15	240	146029	20.00	ng	-0.01
86) Perylene-d12	15.69	264	108362	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	225239	62.56	ng	0.00
7) Phenol-d6	6.61	99	180446	40.14	ng	0.00
23) Nitrobenzene-d5	7.52	82	323216	86.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	146939	137.19	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	564214	107.19	ng	-0.01
78) Terphenyl-d14	13.08	244	616911	102.33	ng	0.00
Target Compounds						
10) Phenol	6.62	94	19139	3.730	ng	91
49) Dimethylphthalate	9.71	163	89959	12.979	ng	96

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

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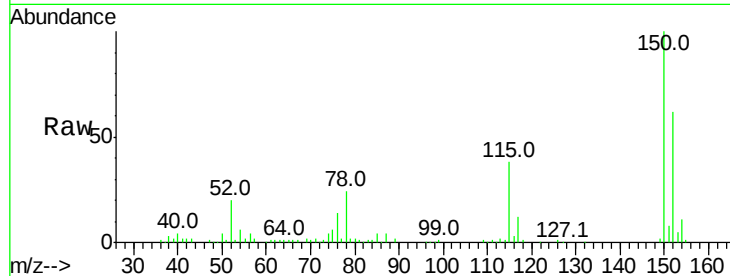


#1

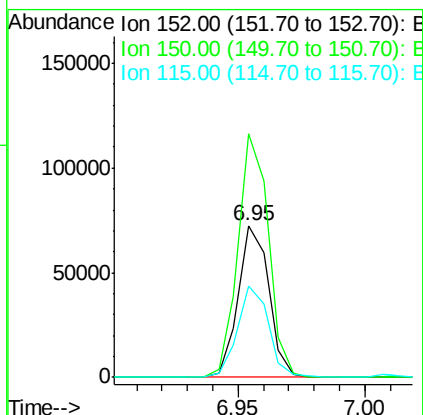
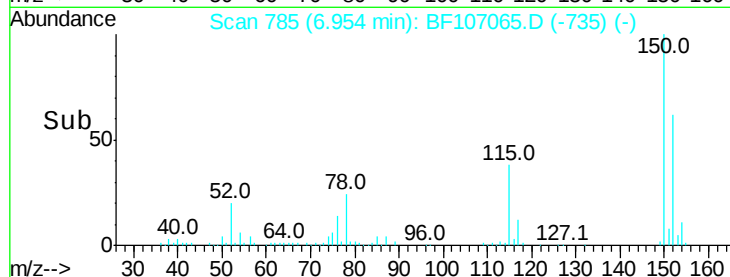
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107065.D
Acq: 3 Jul 2018 2:03

Instrument :
BNA_F
ClientSampleId :
ULMW-02

Tot Ion:152 Resp: 60963
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 60.4 50.1 75.1



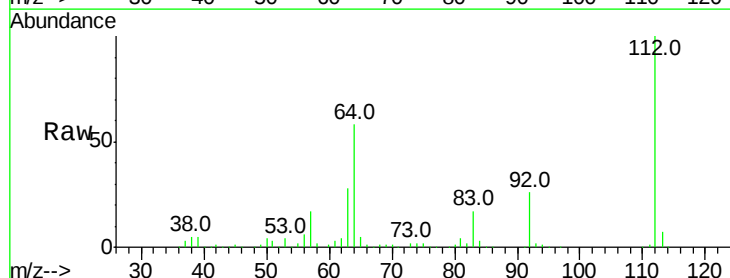
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



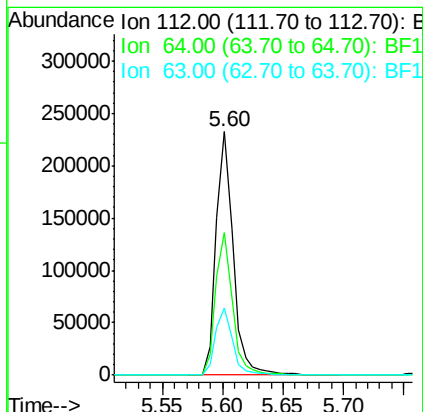
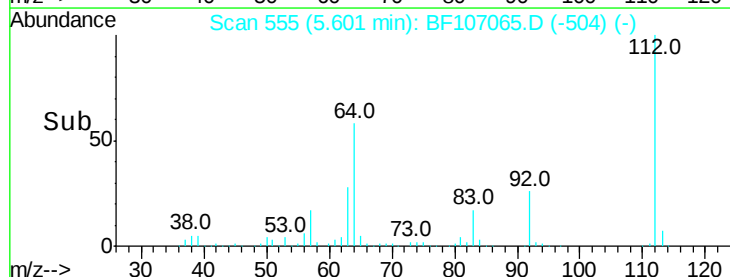
#5

2-Fluorophenol
Concen: 62.563 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107065.D
Acq: 3 Jul 2018 2:03

Tgt Ion:112 Resp: 225239
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 27.7 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: 40.135 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

Instrument :

BNA_F

ClientSampleId :

ULMW-02

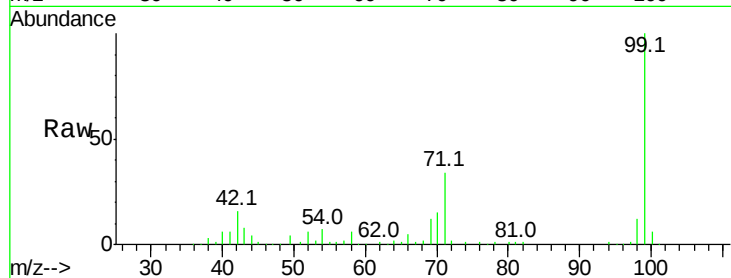
Tot Ion: 99 Resp: 180446

Ion Ratio Lower Upper

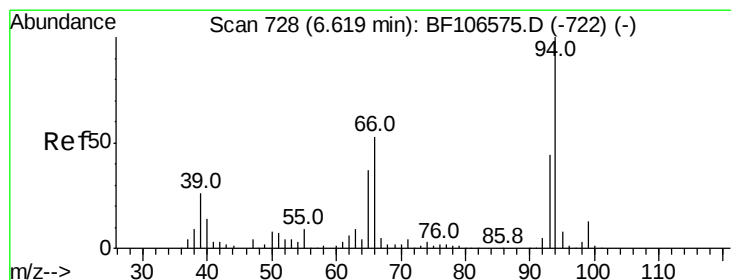
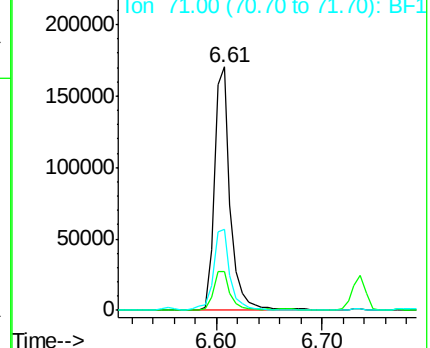
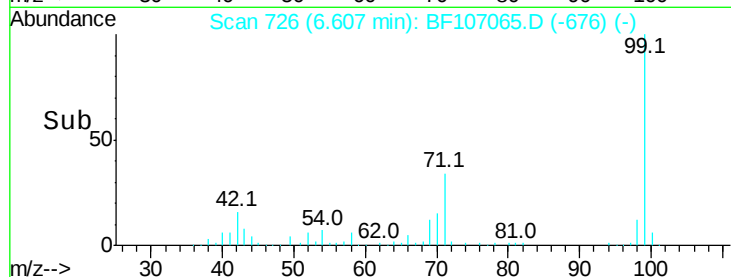
99 100

42 15.9 14.5 21.7

71 33.5 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



#10

Phenol

Concen: 3.730 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

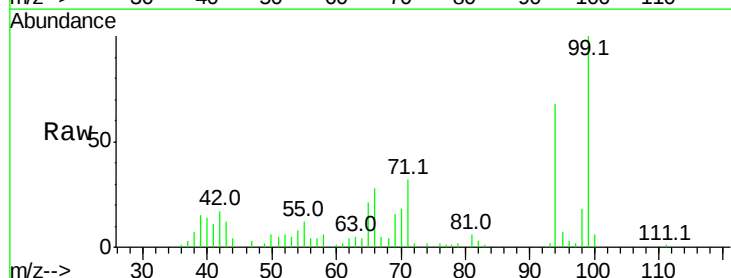
Tgt Ion: 94 Resp: 19139

Ion Ratio Lower Upper

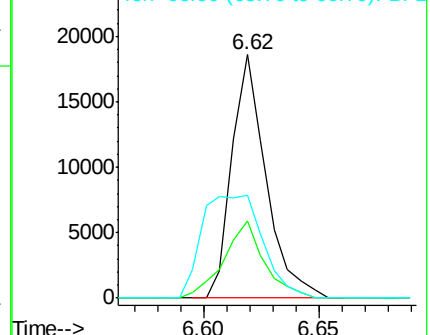
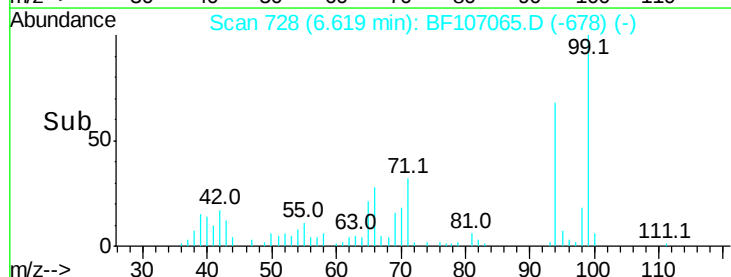
94 100

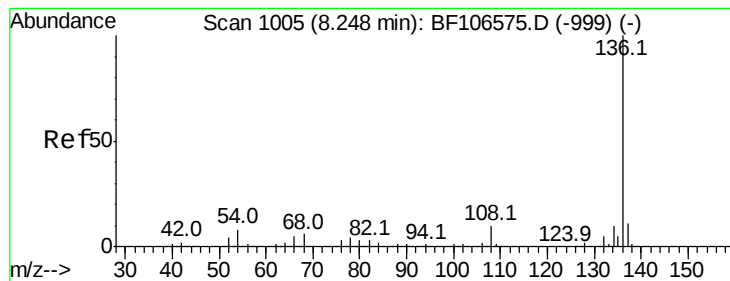
65 31.5 7.9 47.9

66 42.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

Instrument :

BNA_F

ClientSampleId :

ULMW-02

Tot Ion:136 Resp: 207502

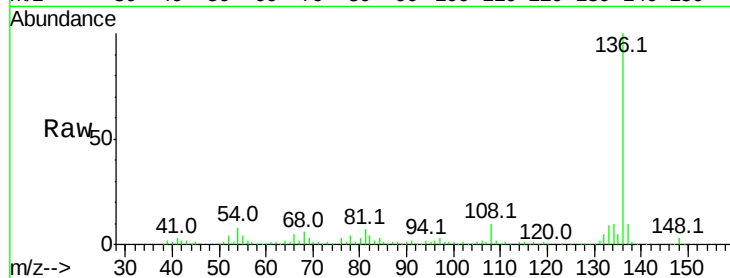
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.9 6.6 9.8

68 6.3 5.0 7.4

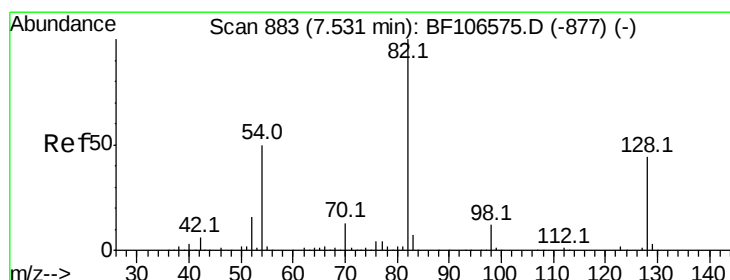
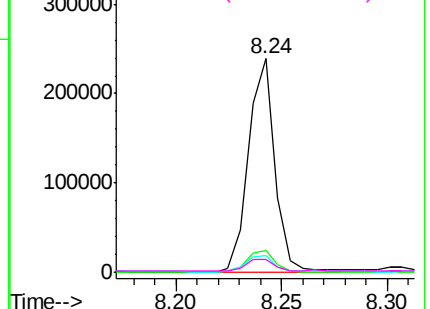
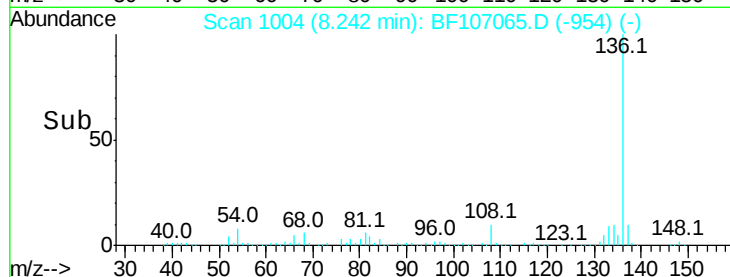


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.564 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

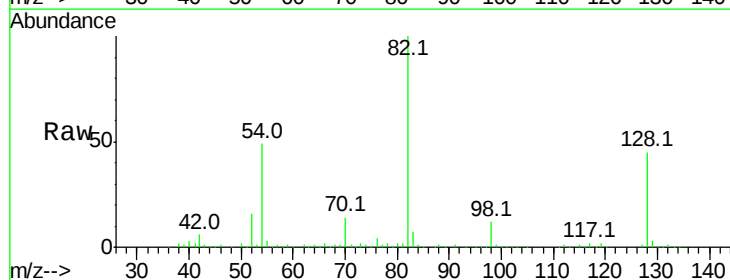
Tgt Ion: 82 Resp: 323216

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

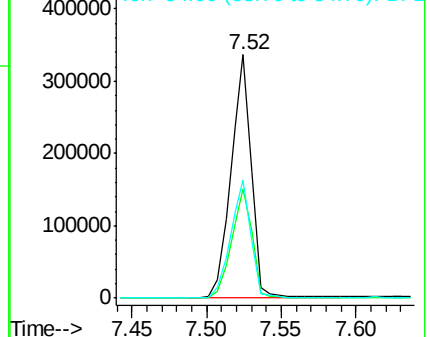
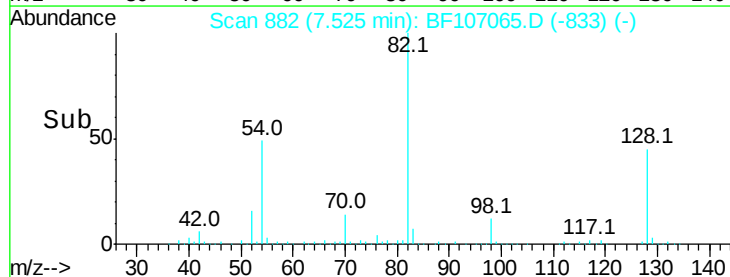
54 48.6 41.4 62.2

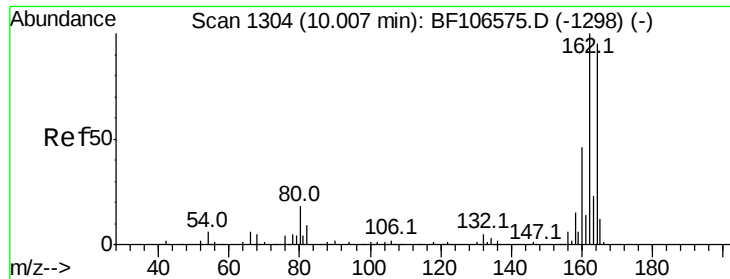


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

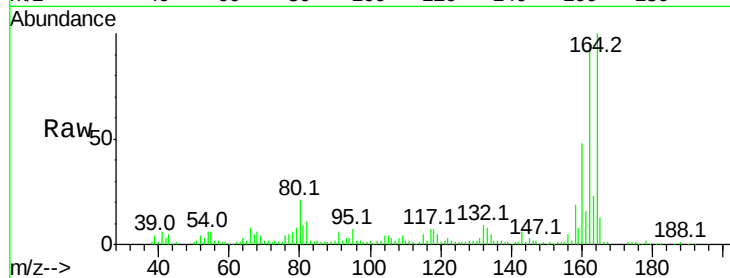




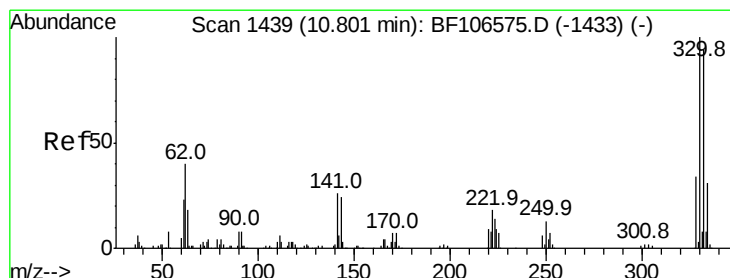
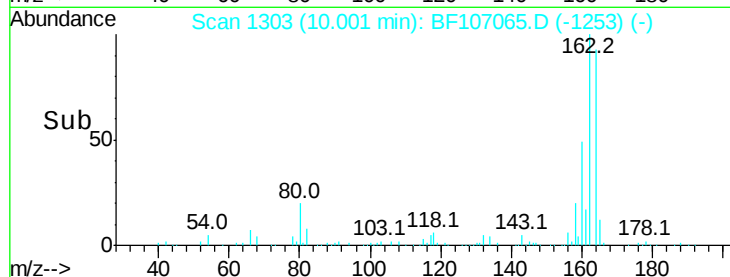
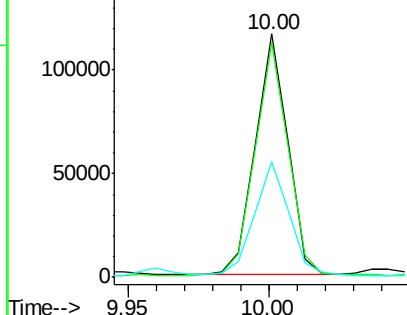
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107065.D
 Acq: 3 Jul 2018 2:03

Instrument :
 BNA_F
 ClientSampleId :
 ULMW-02

Tot Ion:164 Resp: 92411
 Ion Ratio Lower Upper
 164 100
 162 96.3 86.1 129.1
 160 47.5 38.3 57.5

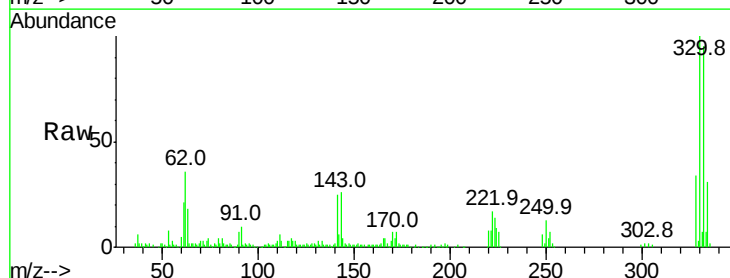


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

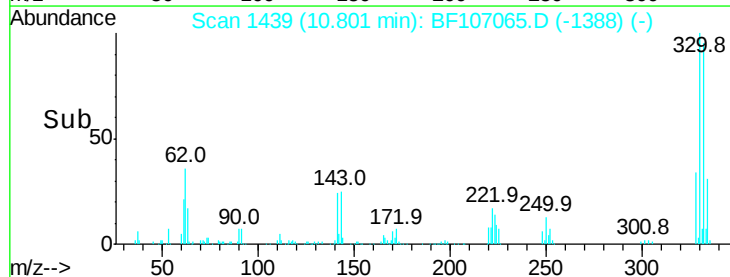
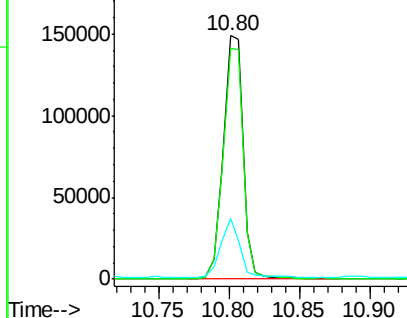


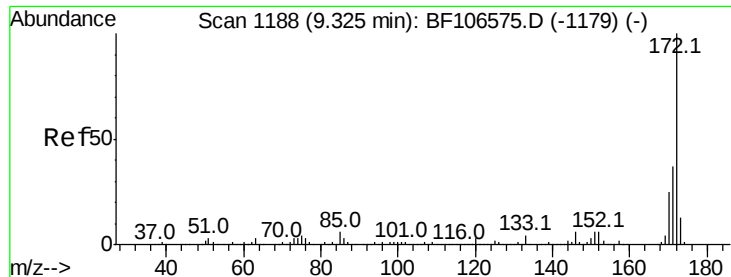
#41
 2,4,6-Tribromophenol
 Concen: 137.189 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107065.D
 Acq: 3 Jul 2018 2:03

Tgt Ion:330 Resp: 146939
 Ion Ratio Lower Upper
 330 100
 332 96.1 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

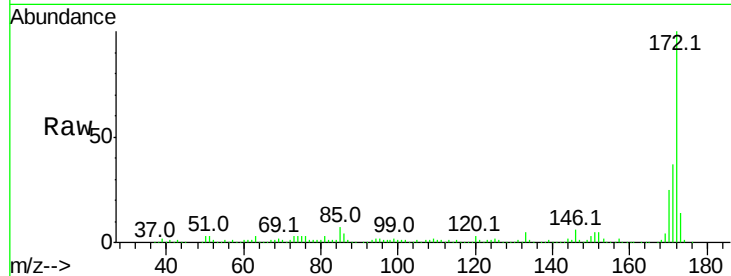




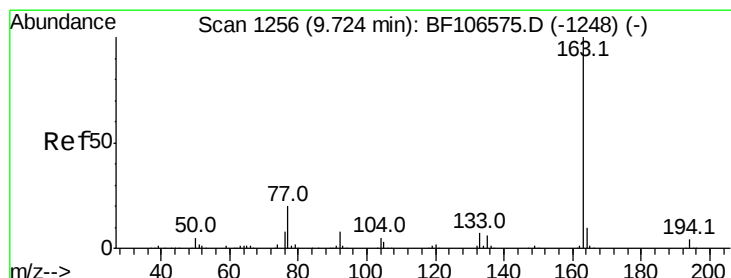
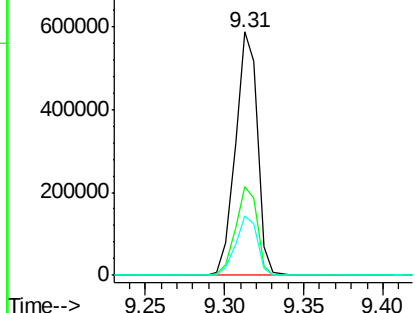
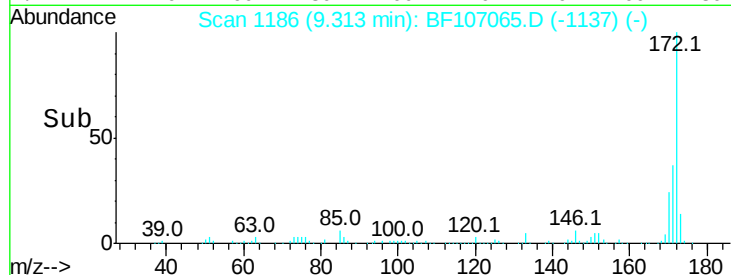
#44
 2-Fluorobiphenyl
 Concen: 107.195 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107065.D
 Acq: 3 Jul 2018 2:03

Instrument :
 BNA_F
 ClientSampleId :
 ULMW-02

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4

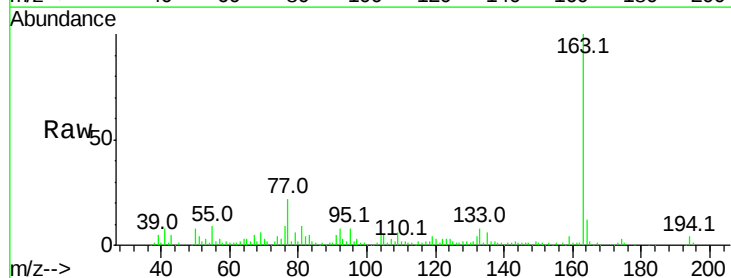


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

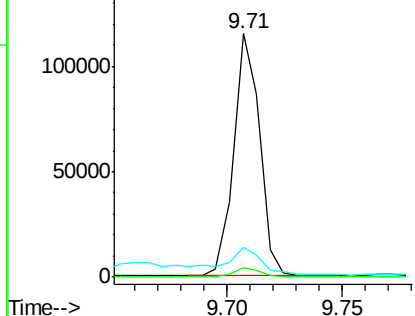
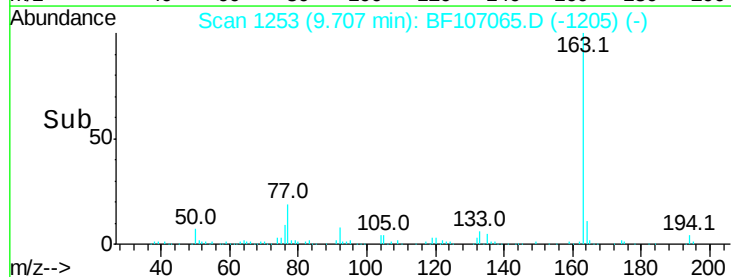


#49
 Dimethylphthalate
 Concen: 12.979 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF107065.D
 Acq: 3 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	12.1	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

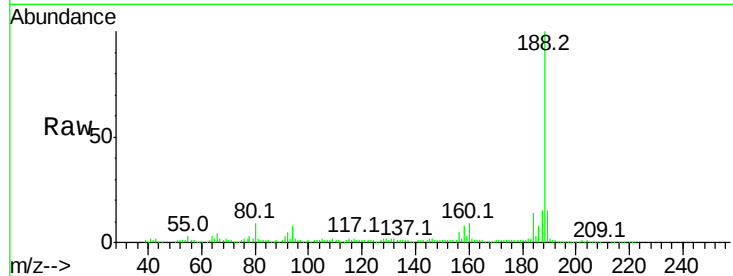




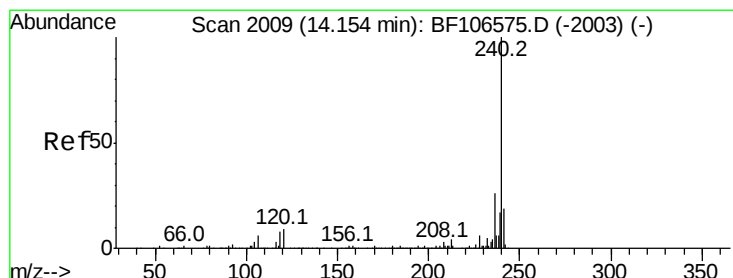
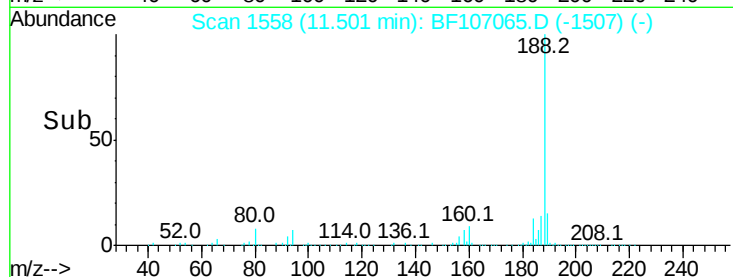
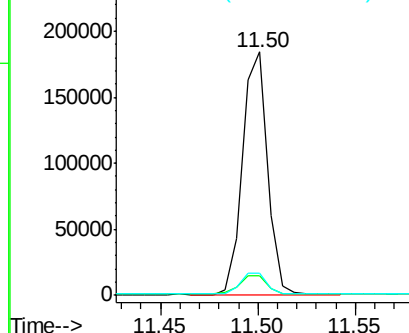
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107065.D
Acq: 3 Jul 2018 2:03

Instrument :
BNA_F
ClientSampleId :
ULMW-02

Tot Ion:188 Resp: 162908
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 9.0 9.2 13.8#

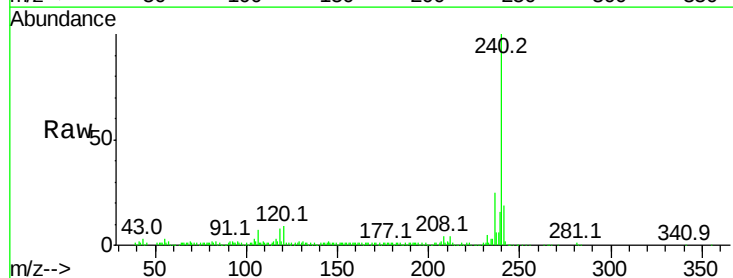


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

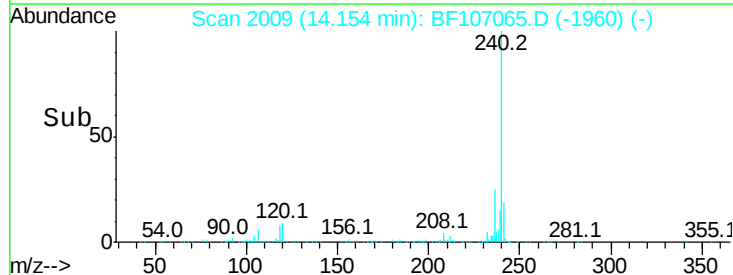
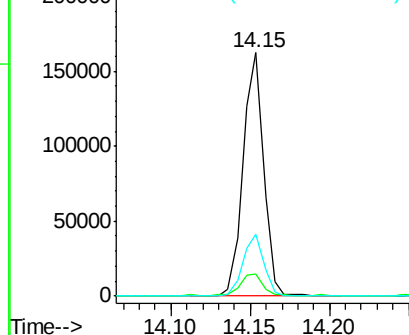


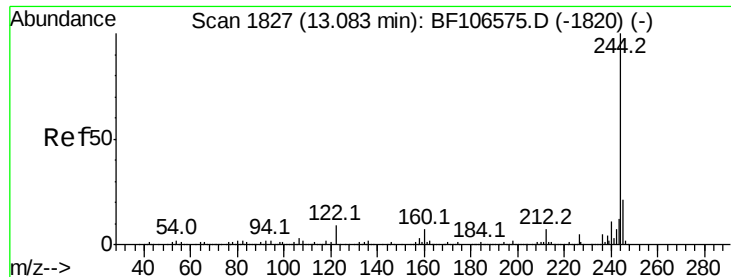
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107065.D
Acq: 3 Jul 2018 2:03

Tgt Ion:240 Resp: 146029
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 25.3 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: 102.332 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

Instrument :

BNA_F

ClientSampleId :

ULMW-02

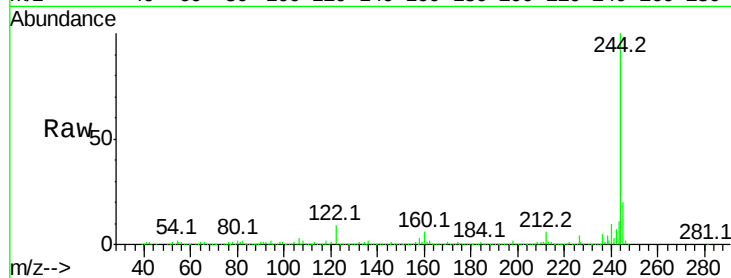
Tot Ion:244 Resp: 616911

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

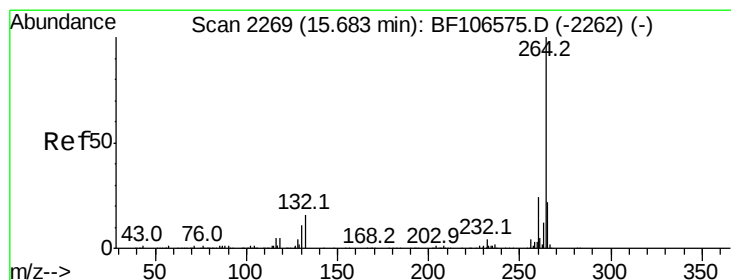
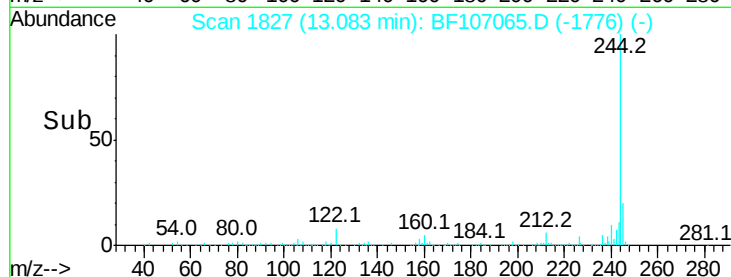
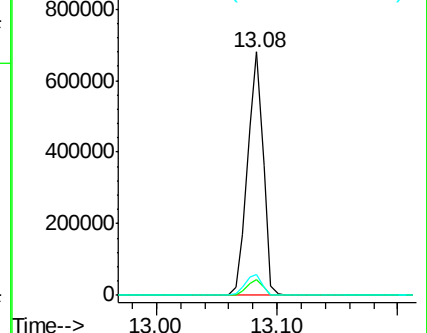
122 8.6 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

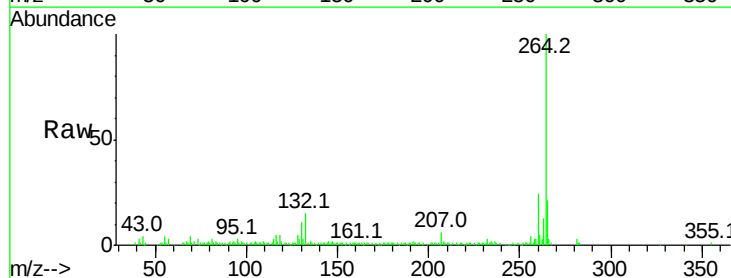
Tgt Ion:264 Resp: 108362

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 20.9 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

