

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107895.D
 Acq On : 1 Aug 2018 18:01
 Operator : JU/SJ
 Sample : J4256-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Quant Time: Aug 01 23:54:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

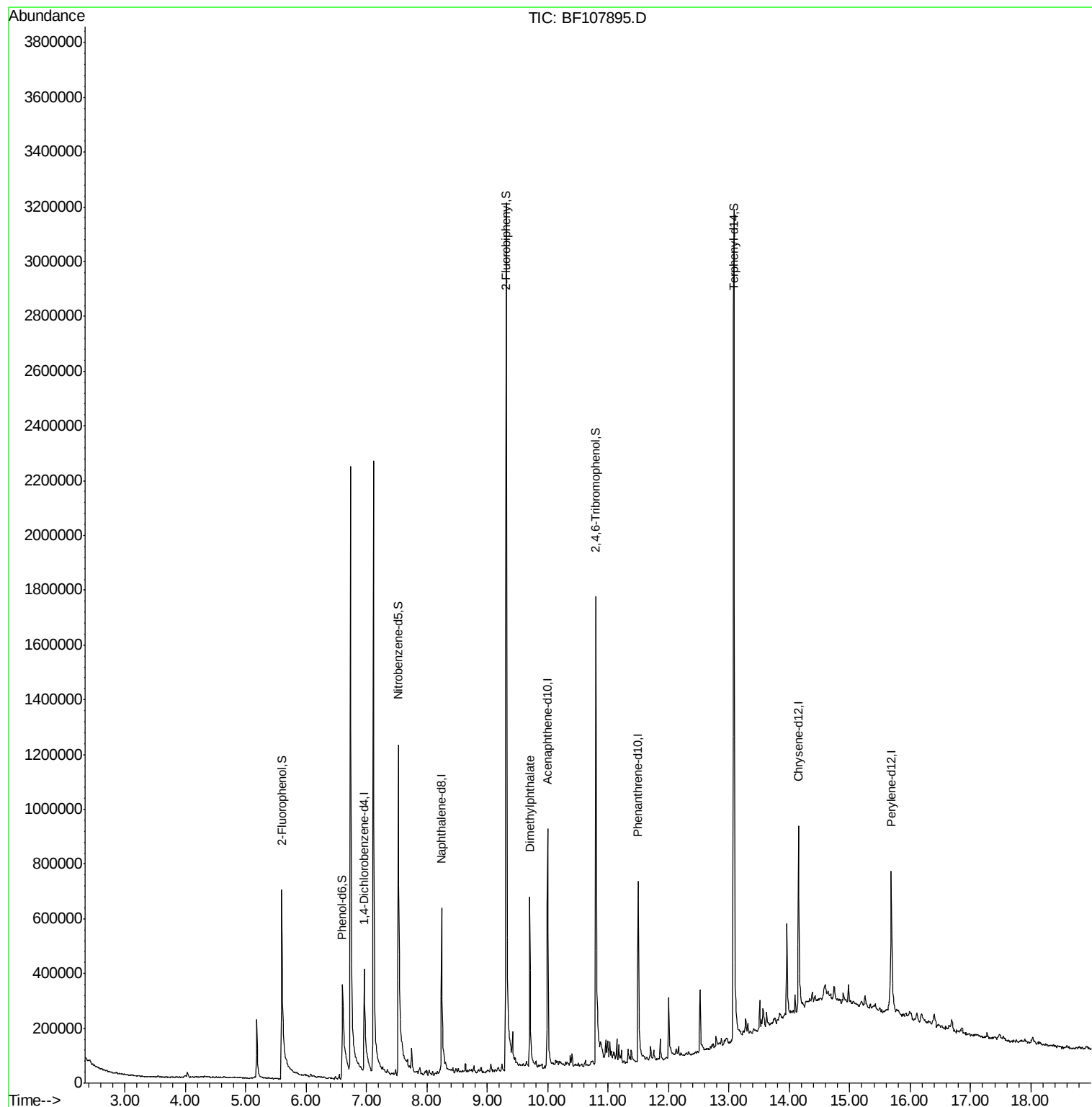
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118439	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	477944	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	209986	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	397231	20.00	ng	0.00
75) Chrysene-d12	14.15	240	372709	20.00	ng	0.00
86) Perylene-d12	15.69	264	371880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	413050	59.27	ng	0.00
7) Phenol-d6	6.60	99	355069	38.66	ng	0.00
23) Nitrobenzene-d5	7.53	82	785295	94.66	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	349199	122.38	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1437978	95.43	ng	0.00
78) Terphenyl-d14	13.08	244	1405803	81.79	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	304028	19.279	ng	Qvalue 99

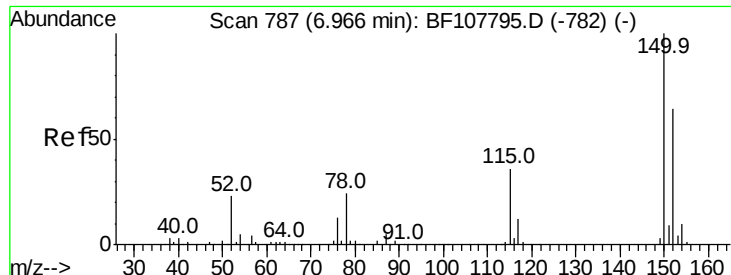
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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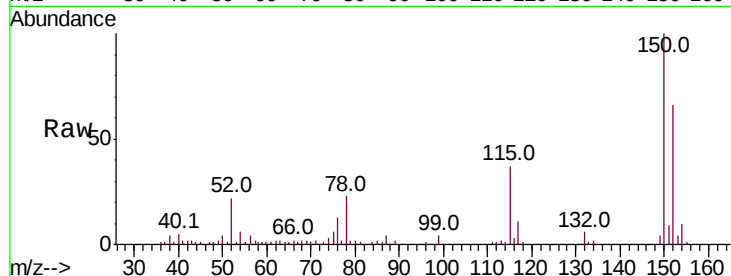


#1

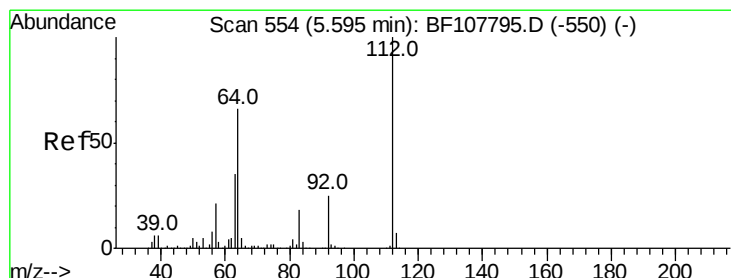
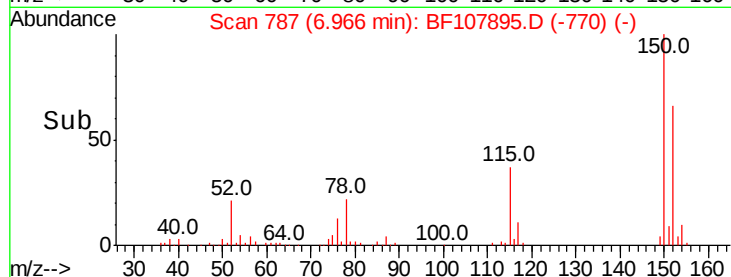
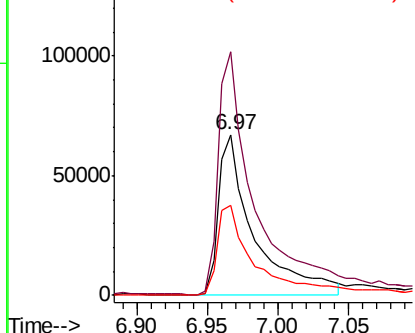
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Instrument :
BNA_F
ClientSampleId :
MW-25

Tot Ion:152 Resp: 118439
Ion Ratio Lower Upper
152 100
150 151.3 124.6 186.8
115 55.7 50.1 75.1



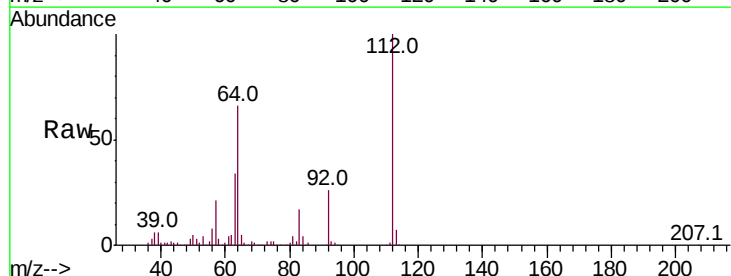
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



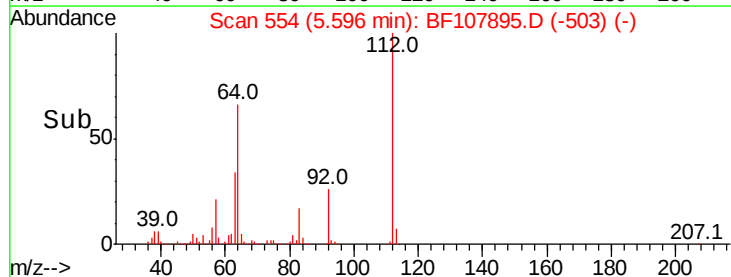
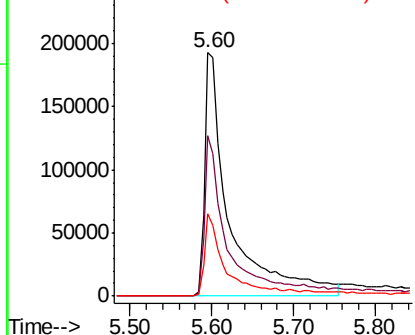
#5

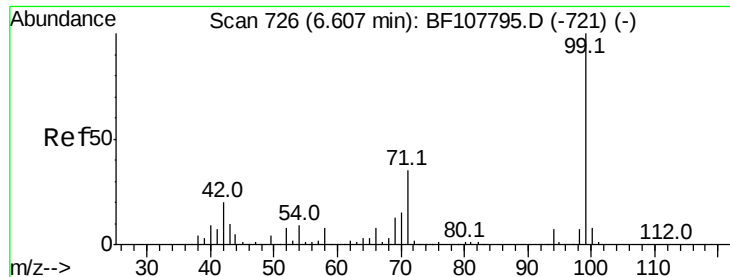
2-Fluorophenol
Concen: 59.271 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Tgt Ion:112 Resp: 413050
Ion Ratio Lower Upper
112 100
64 65.9 47.9 71.9
63 33.7 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: 38.659 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107895.D

Acq: 1 Aug 2018 18:01

Instrument :

BNA_F

ClientSampleId :

MW-25

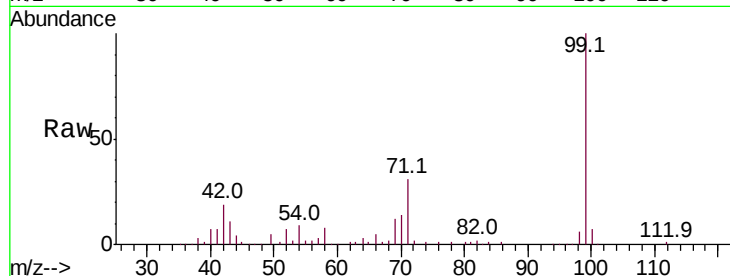
Tot Ion: 99 Resp: 355069

Ion Ratio Lower Upper

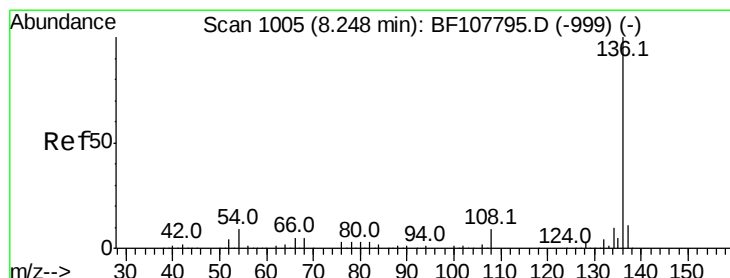
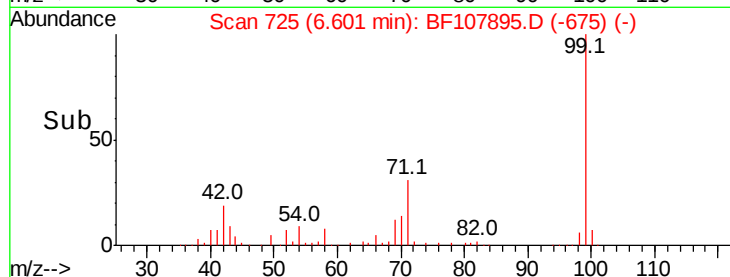
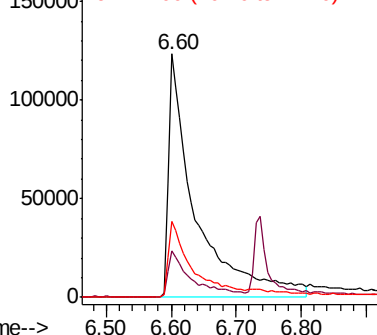
99 100

42 19.1 14.5 21.7

71 31.1 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: BF107895.D

Acq: 1 Aug 2018 18:01

Tgt Ion: 136 Resp: 477944

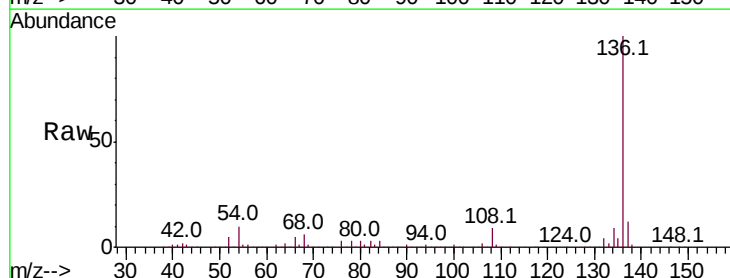
Ion Ratio Lower Upper

136 100

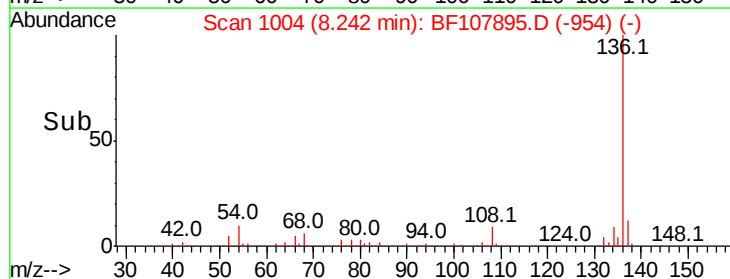
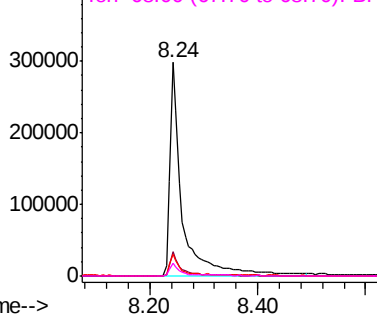
137 11.6 8.9 13.3

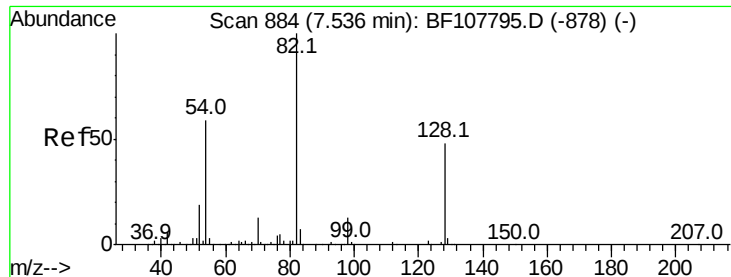
54 10.3 6.6 9.8#

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

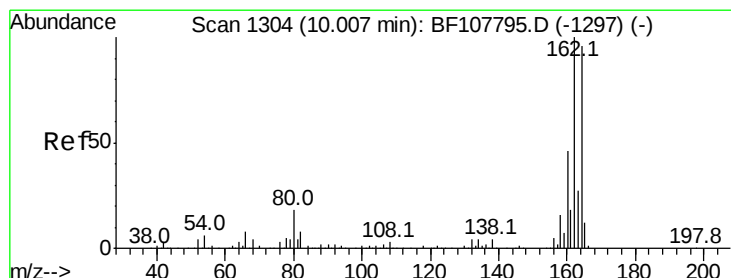
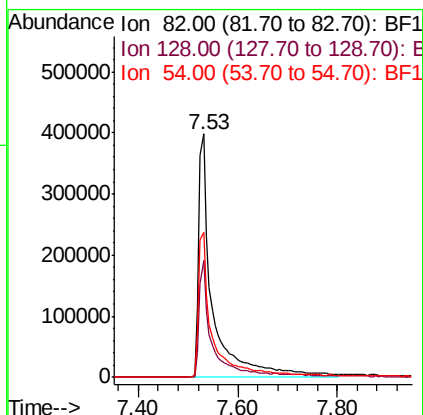
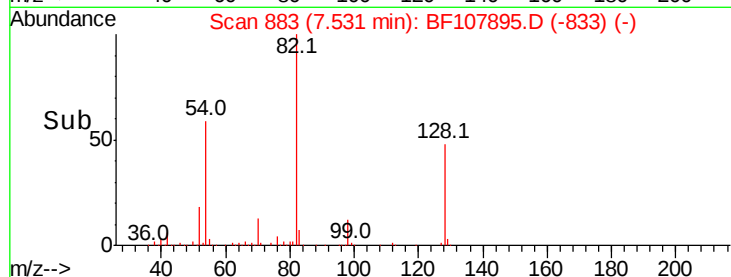
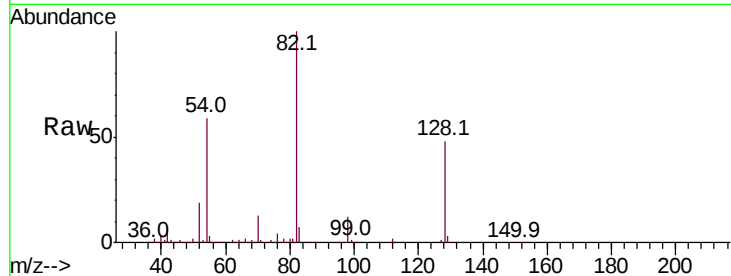




#23
Nitrobenzene-d5
Concen: 94.658 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

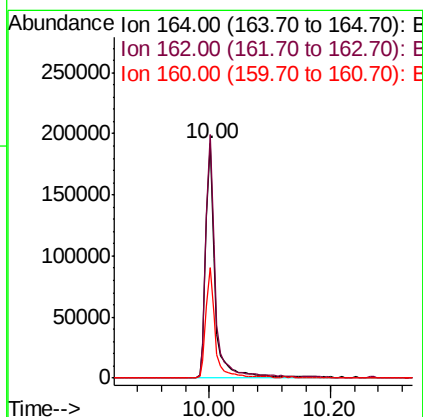
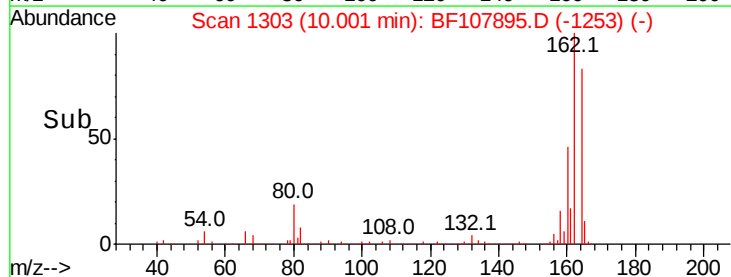
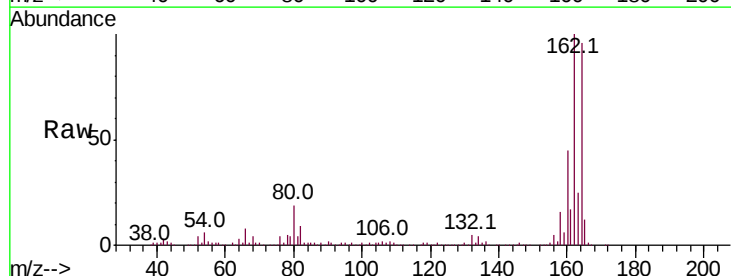
Instrument :
BNA_F
ClientSampled :
MW-25

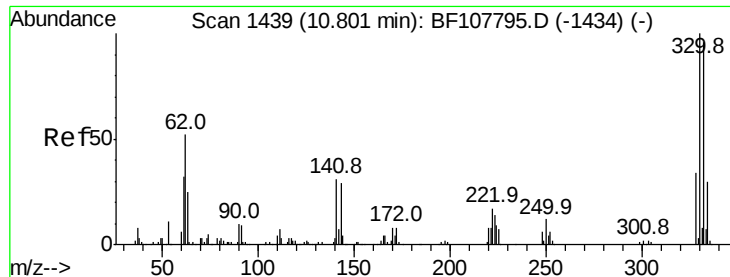
Tot Ion: 82 Resp: 785295
Ion Ratio Lower Upper
82 100
128 48.1 36.1 54.1
54 59.5 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Tgt Ion:164 Resp: 209986
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 47.3 38.3 57.5

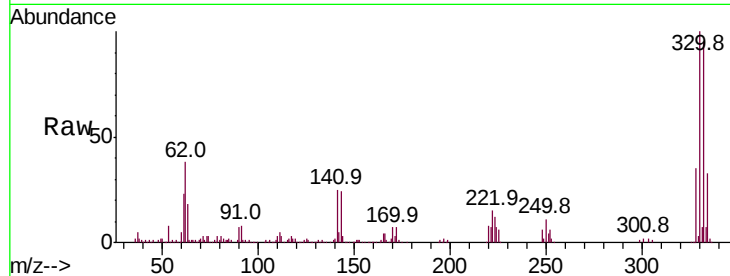




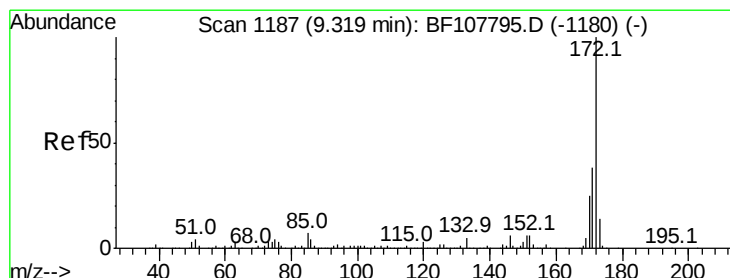
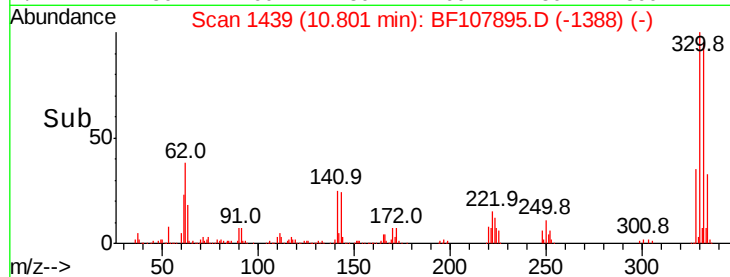
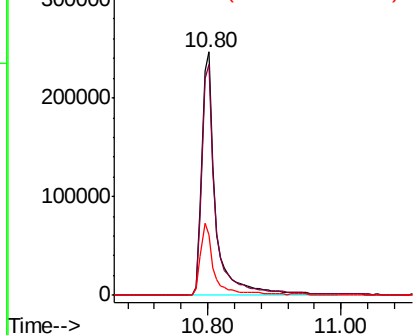
#41
 2,4,6-Tribromophenol
 Concen: 122.385 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107895.D
 Acq: 1 Aug 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	28.3	29.9	44.9#

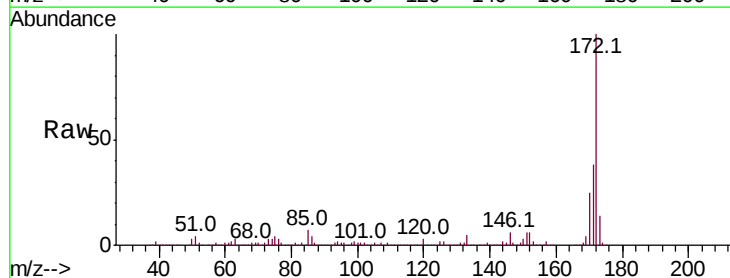


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

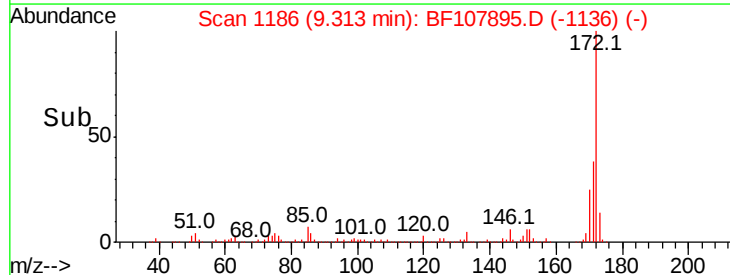
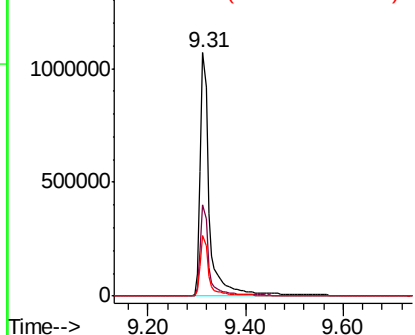


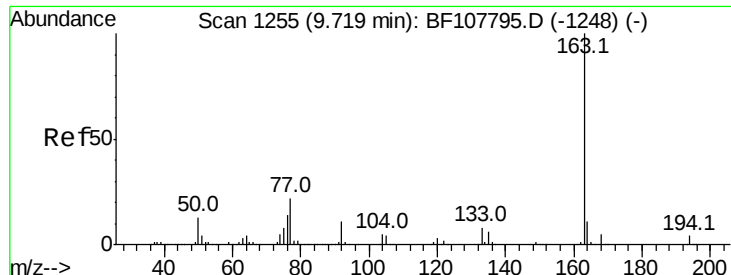
#44
 2-Fluorobiphenyl
 Concen: 95.426 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107895.D
 Acq: 1 Aug 2018 18:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.0	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

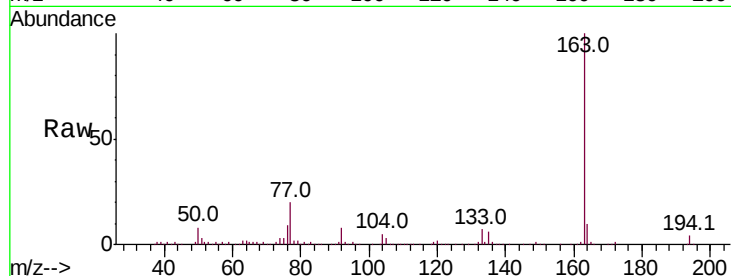




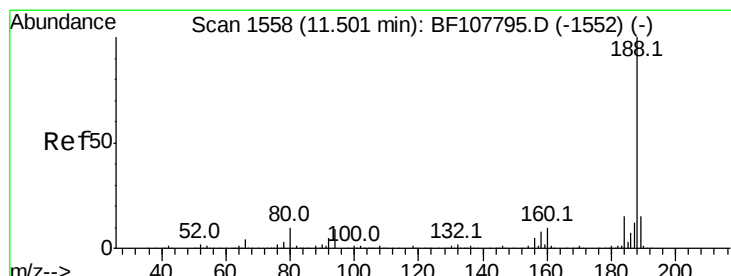
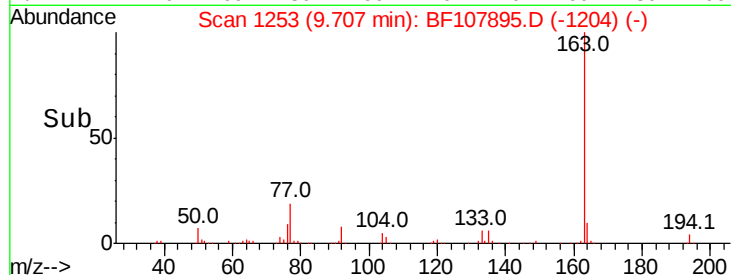
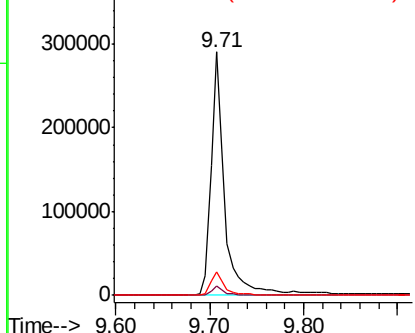
#49
Dimethylphthalate
Concen: 19.279 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Instrument :
BNA_F
ClientSampleId :
MW-25

Tot Ion:163 Resp: 304028
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.8 8.2 12.2

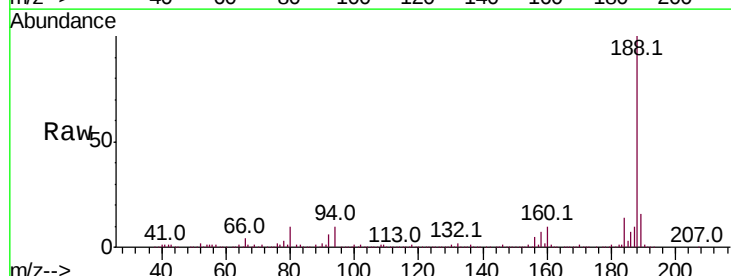


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

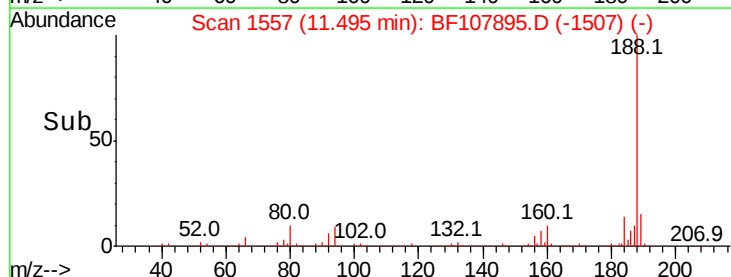
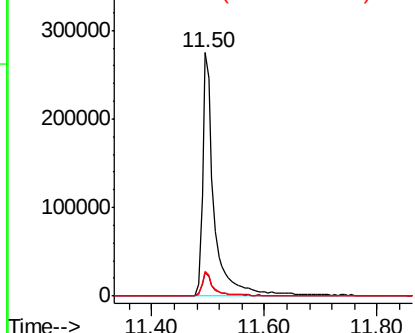


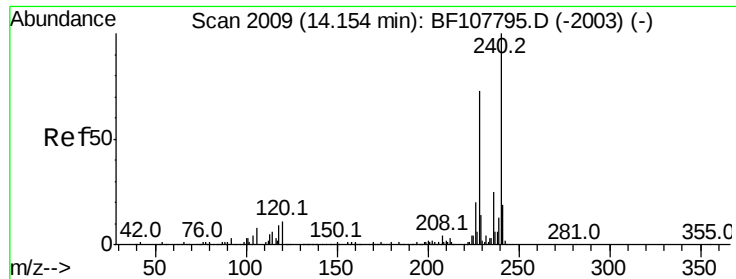
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107895.D
Acq: 1 Aug 2018 18:01

Tgt Ion:188 Resp: 397231
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.2 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107895.D

Acq: 1 Aug 2018 18:01

Instrument :

BNA_F

ClientSampleId :

MW-25

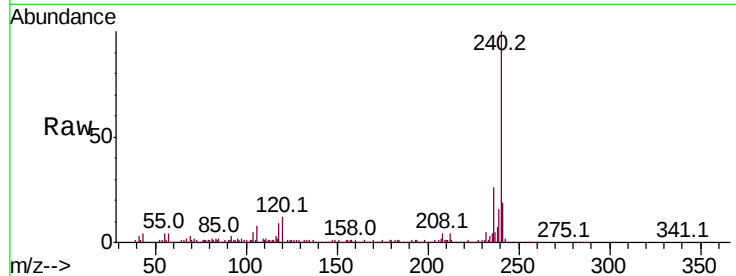
Tot Ion:240 Resp: 372709

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.5	20.7	31.1

240 100

120 11.9 9.5 14.3

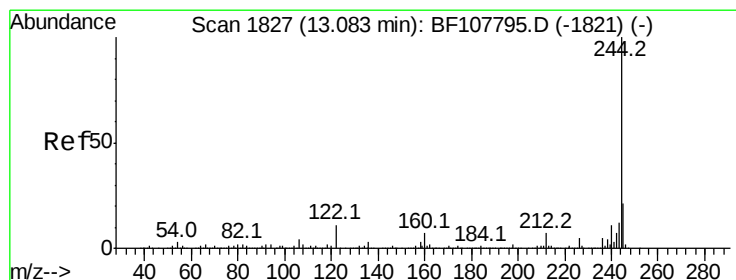
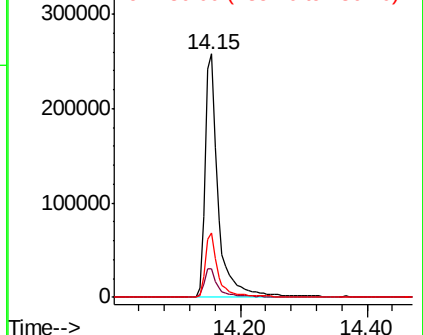
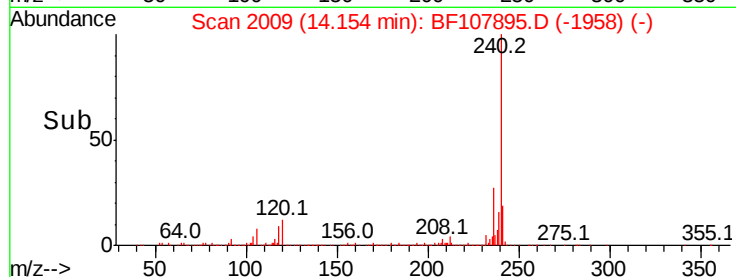
236 26.5 20.7 31.1



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: 81.790 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107895.D

Acq: 1 Aug 2018 18:01

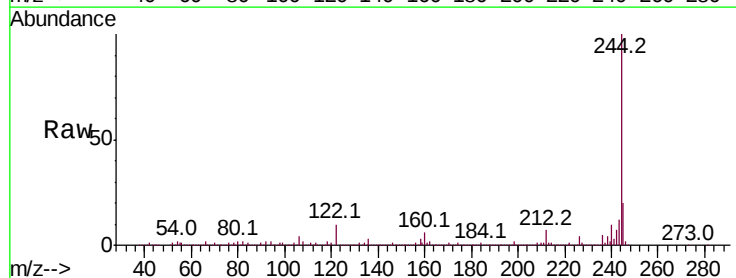
Tgt Ion:244 Resp: 1405803

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.5	11.0	16.4

244 100

212 6.7 5.4 8.0

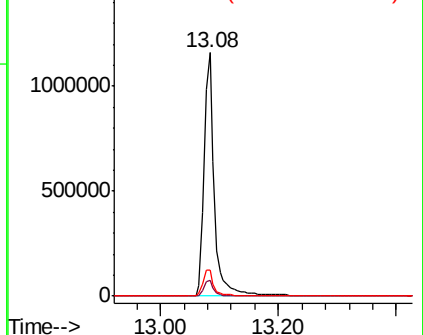
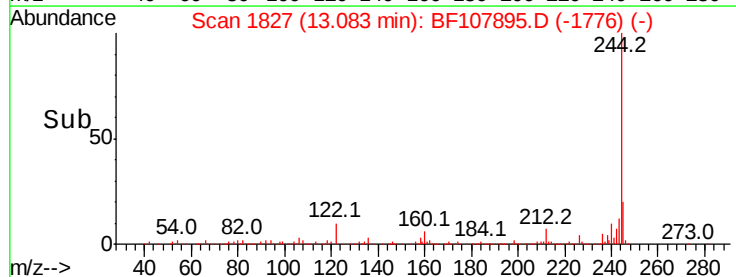
122 10.5 11.0 16.4

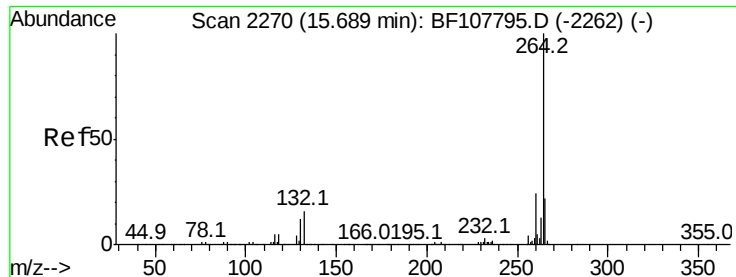


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF107895.D
 Acq: 1 Aug 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3

