

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107845.D
 Acq On : 31 Jul 2018 11:56
 Operator : JU/SJ
 Sample : J4221-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-A29

Quant Time: Jul 31 13:40:29 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

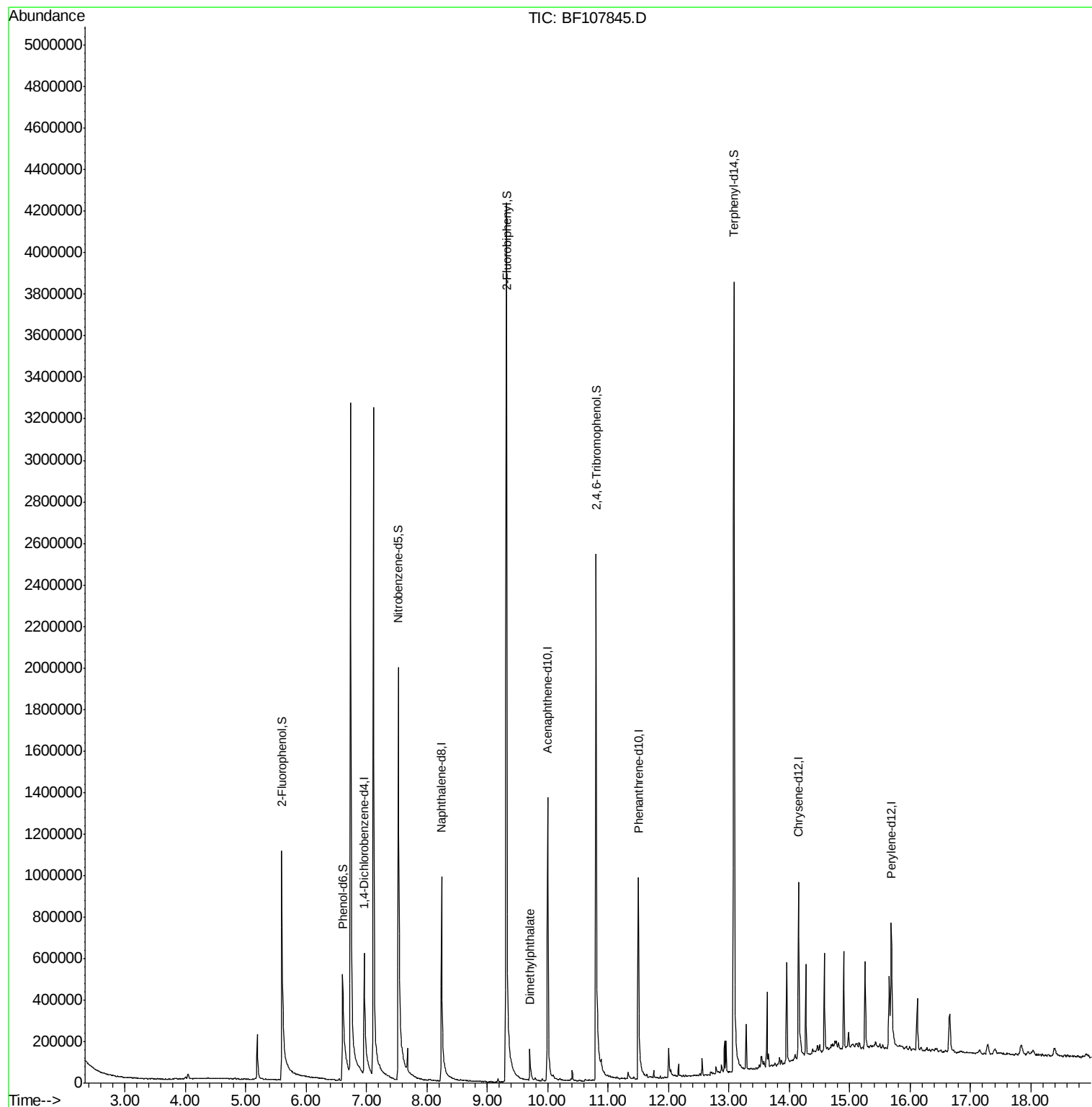
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	177550	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	773374	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	330082	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	599391	20.00	ng	0.00
75) Chrysene-d12	14.15	240	447889	20.00	ng	0.00
86) Perylene-d12	15.69	264	426580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	582279	55.74	ng	0.00
7) Phenol-d6	6.61	99	503278	36.55	ng	0.00
23) Nitrobenzene-d5	7.53	82	1182418	88.08	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	492811	109.88	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2046816	86.41	ng	0.00
78) Terphenyl-d14	13.08	244	1704338	82.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	90494	3.651	ng	Qvalue 99

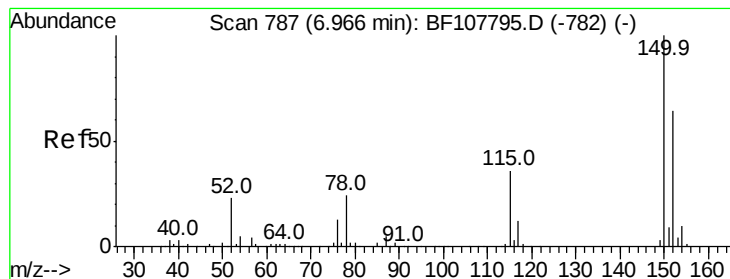
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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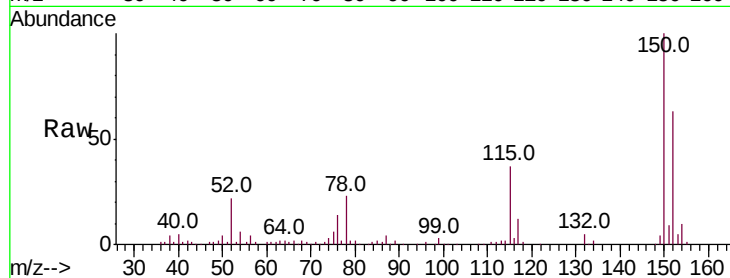


#1

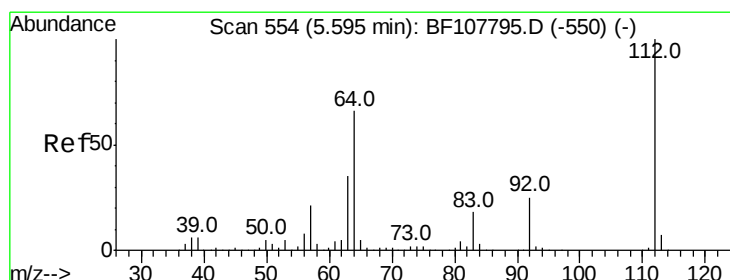
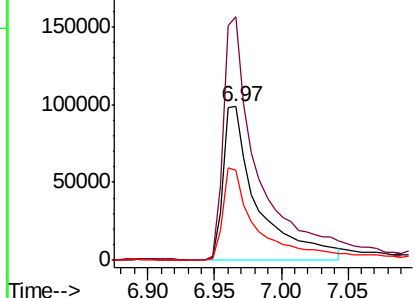
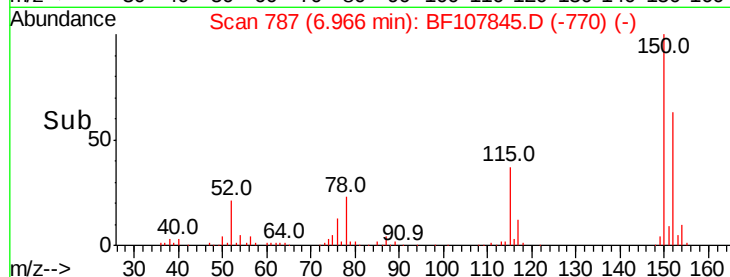
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tot Ion:152 Resp: 177550
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 58.6 50.1 75.1



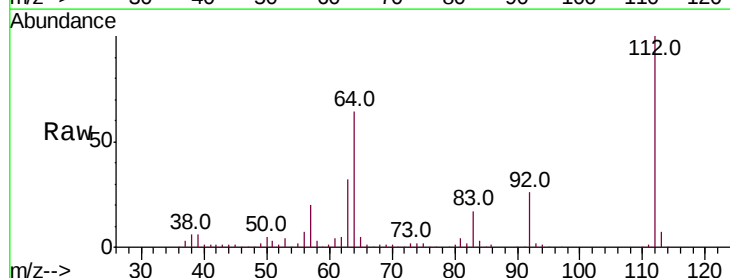
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



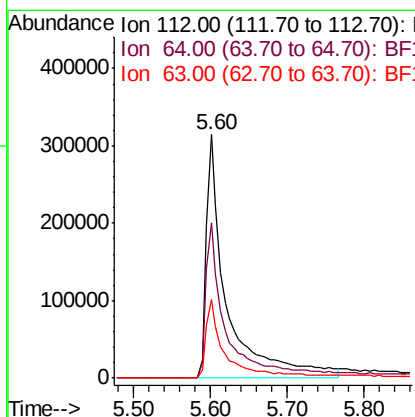
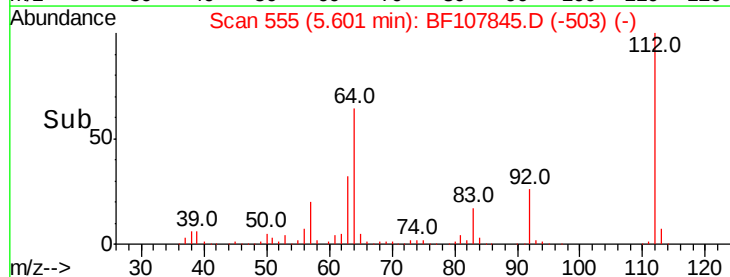
#5

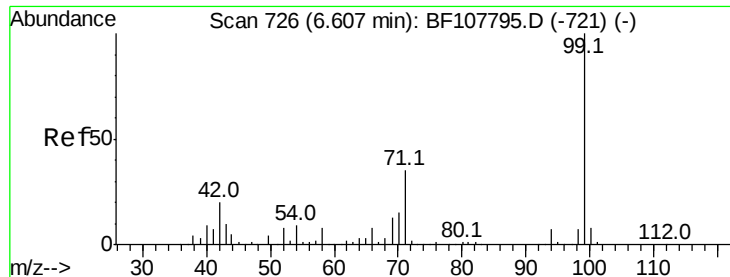
2-Fluorophenol
Concen: 55.737 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion:112 Resp: 582279
Ion Ratio Lower Upper
112 100
64 63.8 47.9 71.9
63 32.0 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: 36.553 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107845.D

Acq: 31 Jul 2018 11:56

Instrument :

BNA_F

ClientSampleId :

MW-A29

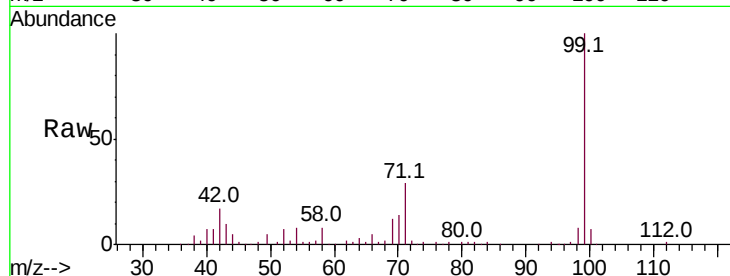
Tot Ion: 99 Resp: 503278

Ion Ratio Lower Upper

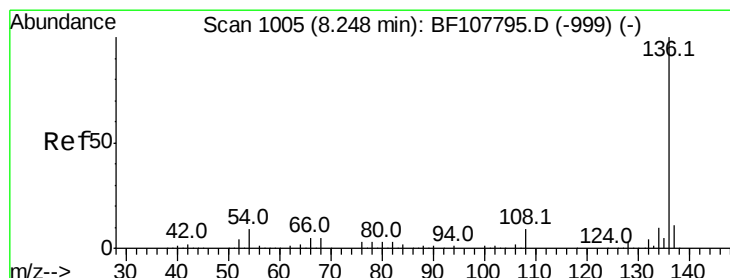
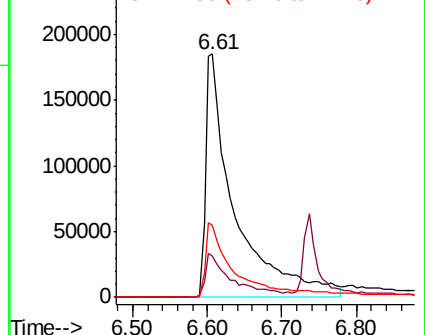
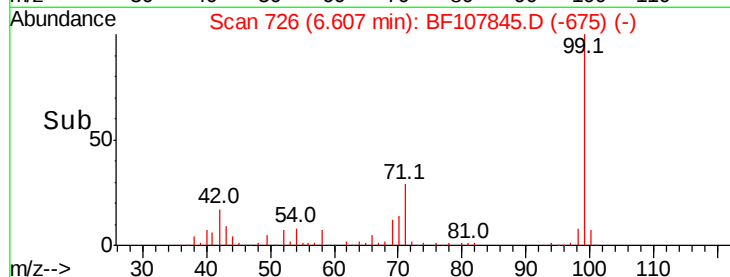
99 100

42 17.2 14.5 21.7

71 29.4 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: BF107845.D

Acq: 31 Jul 2018 11:56

Tgt Ion: 136 Resp: 773374

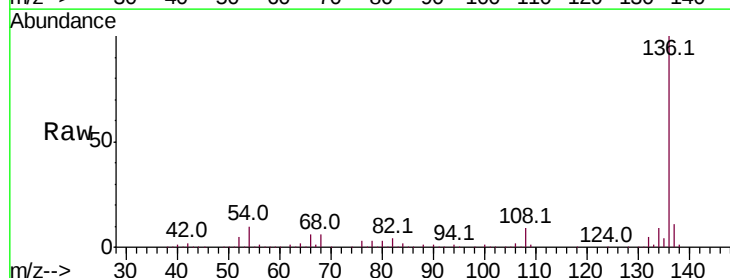
Ion Ratio Lower Upper

136 100

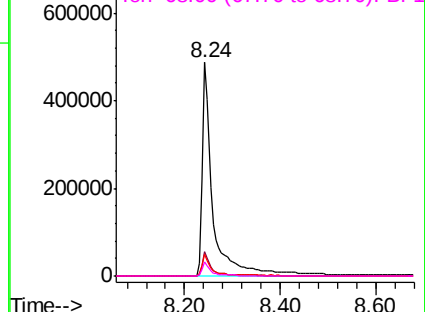
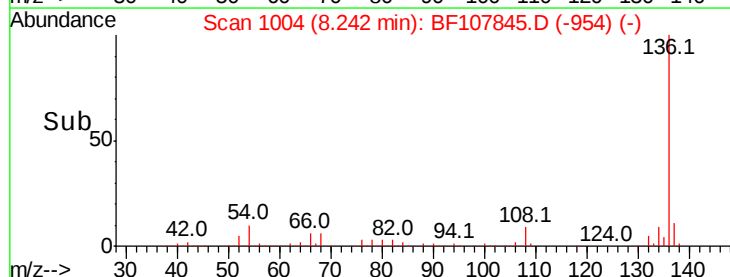
137 11.1 8.9 13.3

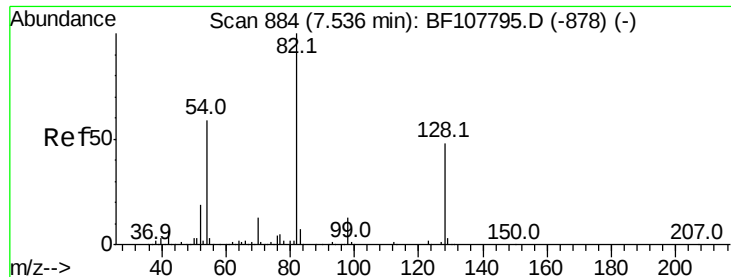
54 10.2 6.6 9.8#

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

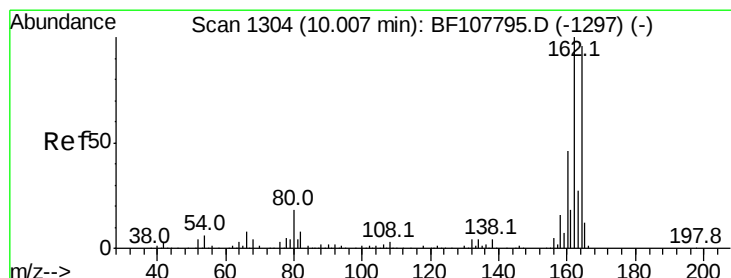
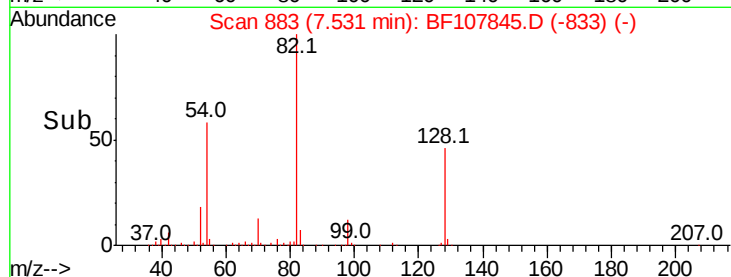
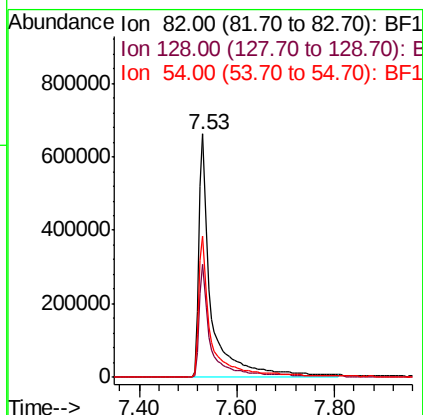
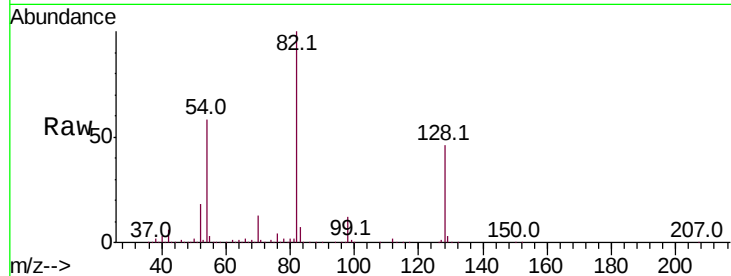




#23
Nitrobenzene-d5
Concen: 88.081 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

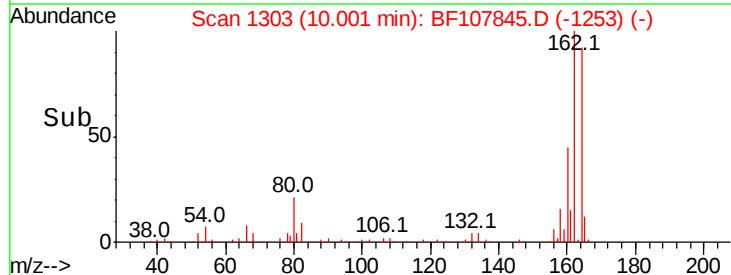
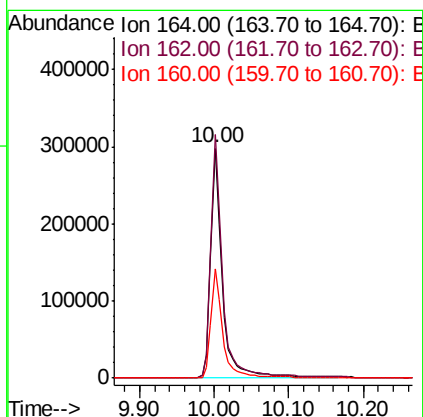
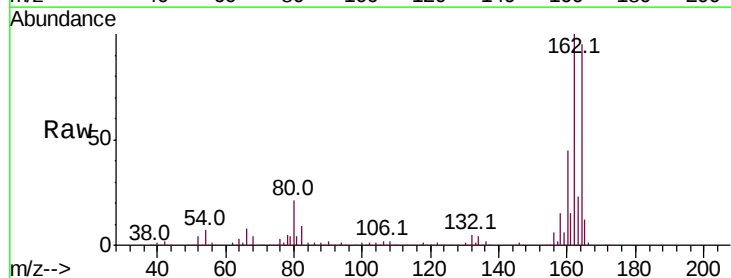
Instrument :
BNA_F
ClientSampleId :
MW-A29

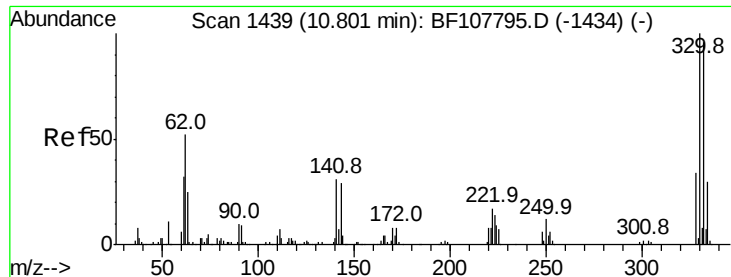
Tot Ion: 82 Resp: 1182418
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 58.0 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion:164 Resp: 330082
Ion Ratio Lower Upper
164 100
162 105.8 86.1 129.1
160 47.3 38.3 57.5

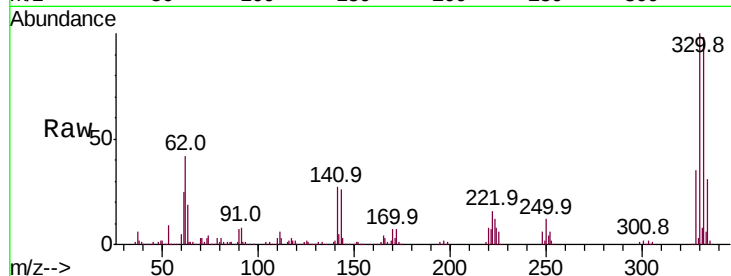




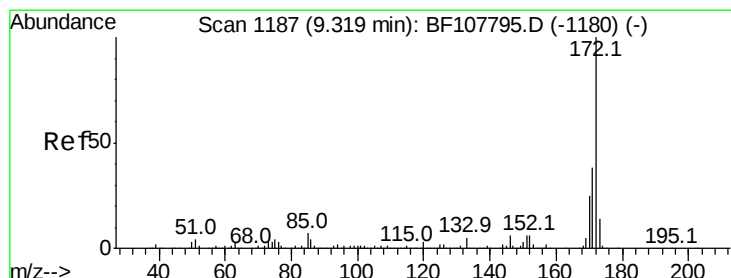
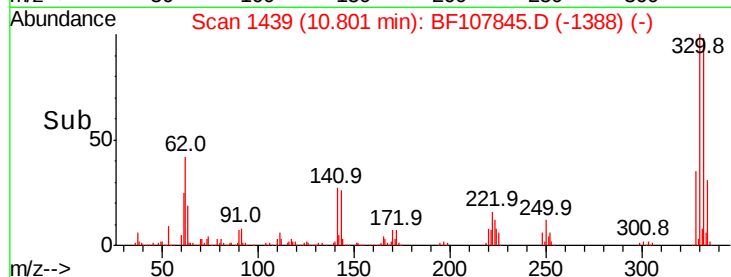
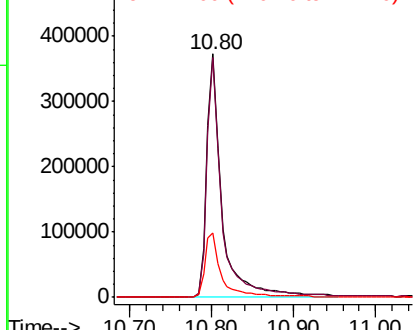
#41
 2,4,6-Tribromophenol
 Concen: 109.876 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107845.D
 Acq: 31 Jul 2018 11:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-A29

Tot Ion:330 Resp: 492811
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.0 115.6
 141 29.6 29.9 44.9#

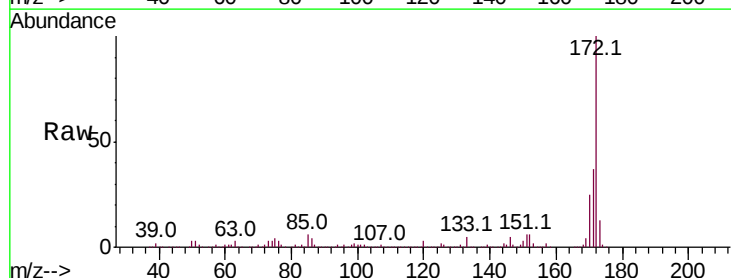


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

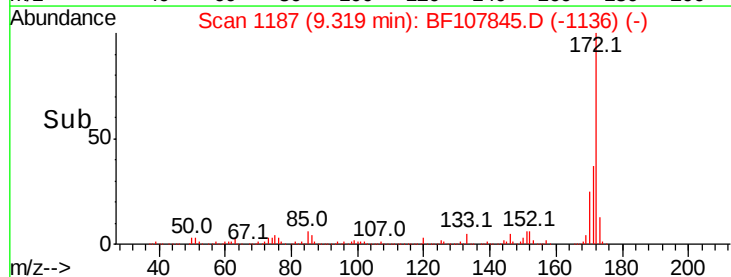
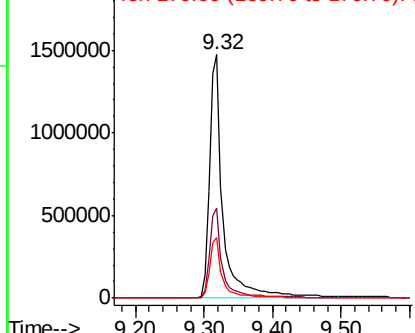


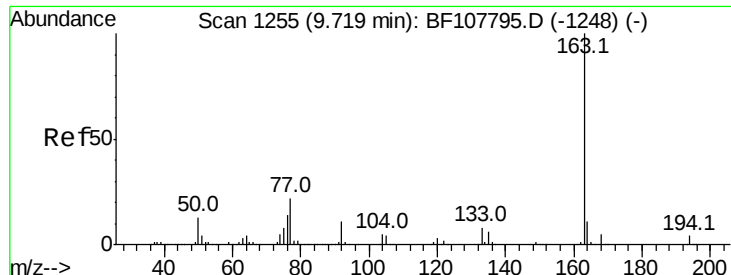
#44
 2-Fluorobiphenyl
 Concen: 86.409 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107845.D
 Acq: 31 Jul 2018 11:56

Tgt Ion:172 Resp: 2046816
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.9 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

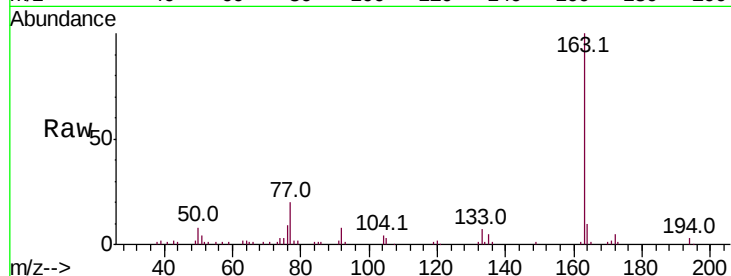




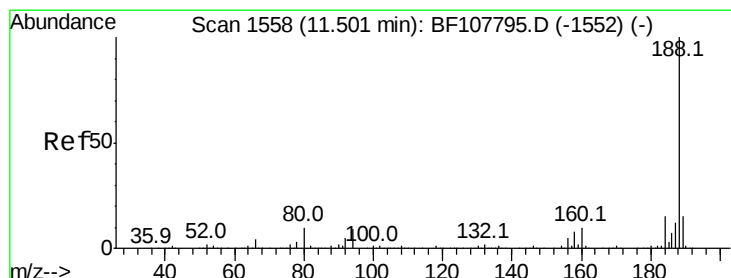
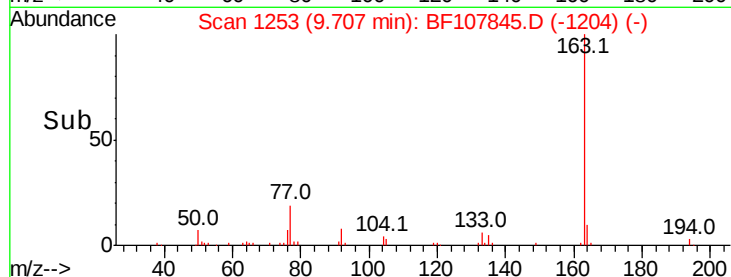
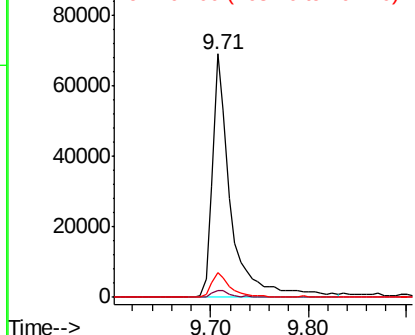
#49
Dimethylphthalate
Concen: 3.651 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tot Ion:163 Resp: 90494
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.1 8.2 12.2

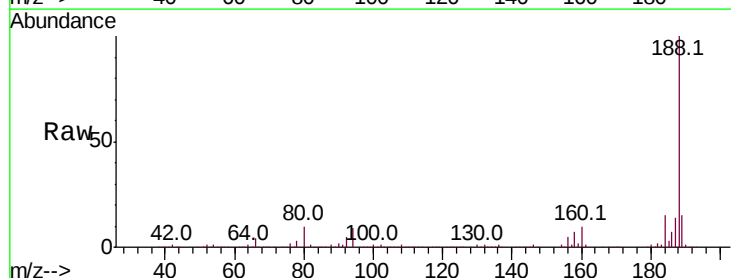


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

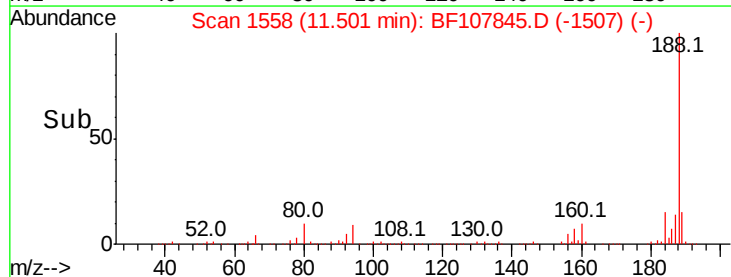
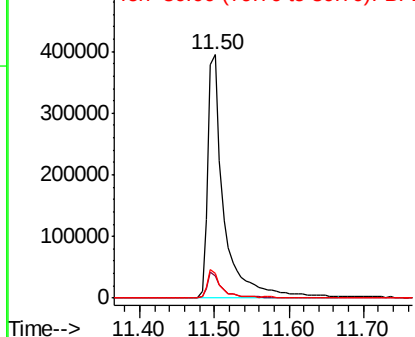


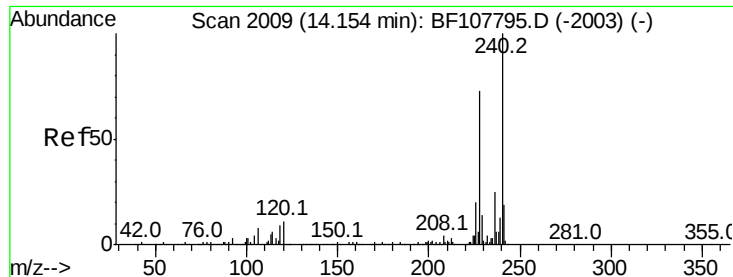
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion:188 Resp: 599391
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 10.1 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: BF107845.D

Acq: 31 Jul 2018 11:56

Instrument :

BNA_F

ClientSampleId :

MW-A29

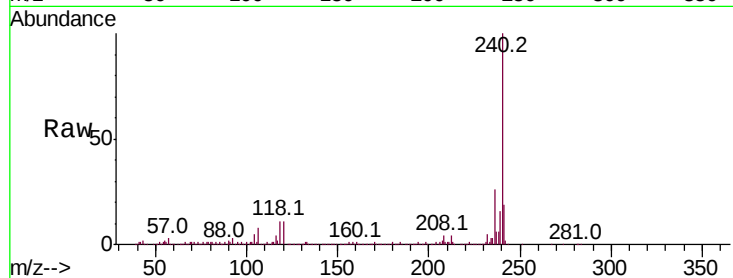
Tot Ion:240 Resp: 447889

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

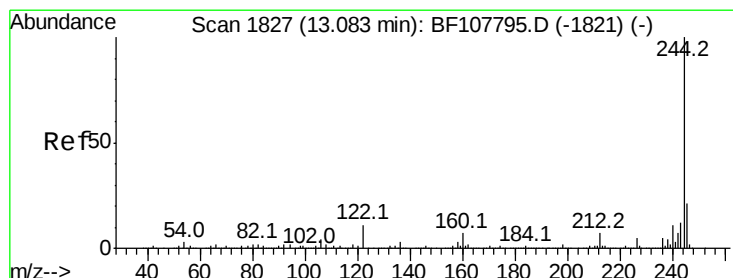
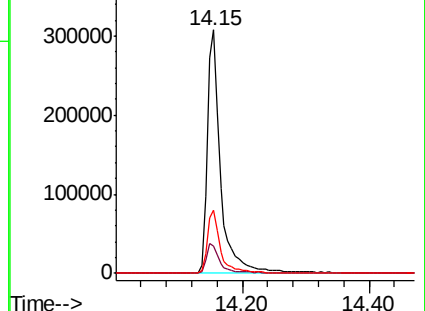
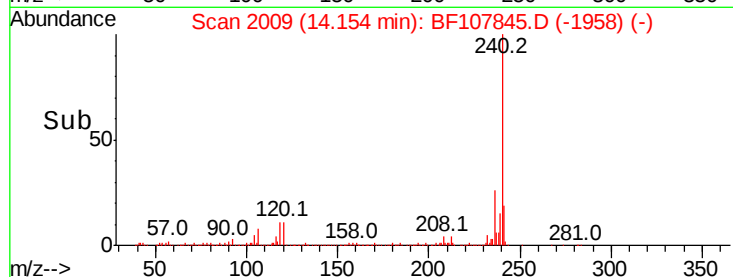
236 26.0 20.7 31.1



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: 82.515 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107845.D

Acq: 31 Jul 2018 11:56

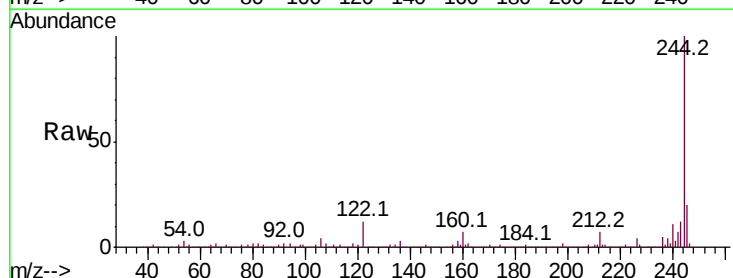
Tgt Ion:244 Resp: 1704338

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

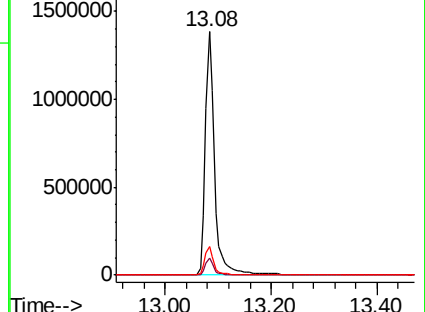
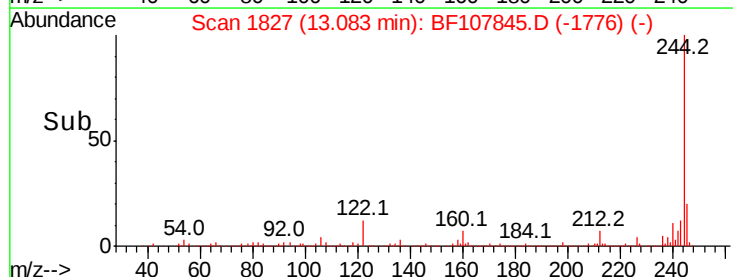
122 11.7 11.0 16.4

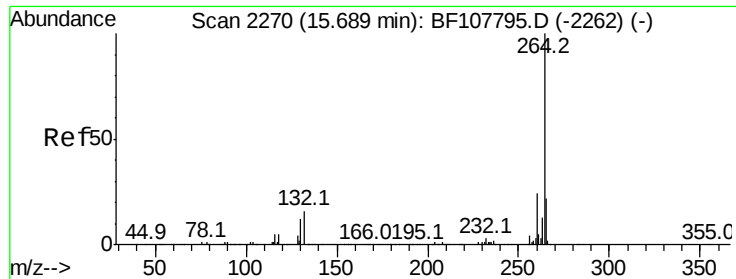


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tot Ion: 264 Resp: 426580

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.7	17.5	26.3

