

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107846.D
 Acq On : 31 Jul 2018 12:23
 Operator : JU/SJ
 Sample : J4221-07
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ECMW-02

Quant Time: Jul 31 13:45:51 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

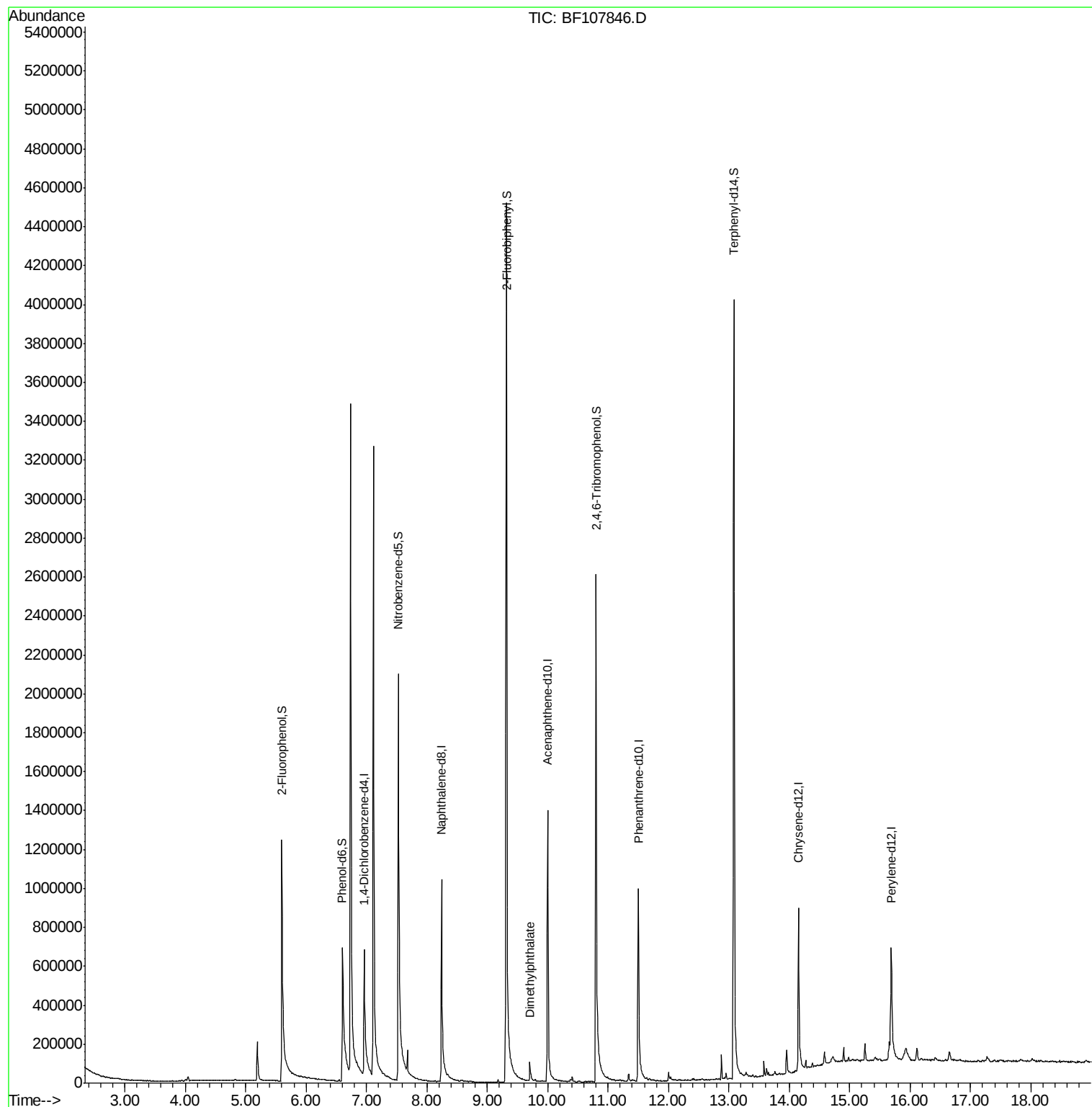
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	186281	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	805229	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	334581	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	620653	20.00	ng	0.00
75) Chrysene-d12	14.15	240	452739	20.00	ng	0.00
86) Perylene-d12	15.69	264	435690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	672409	61.35	ng	0.00
7) Phenol-d6	6.60	99	582256	40.31	ng	0.00
23) Nitrobenzene-d5	7.53	82	1223908	87.56	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	511987	112.62	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2149968	89.54	ng	0.00
78) Terphenyl-d14	13.08	244	1734846	83.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	57701	2.296	ng	Qvalue 98

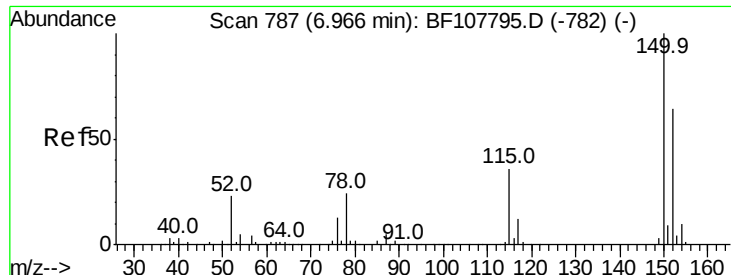
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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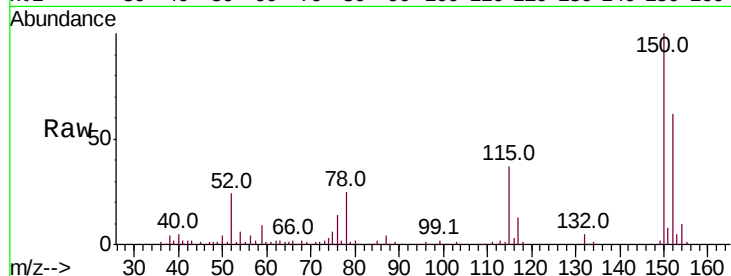


#1

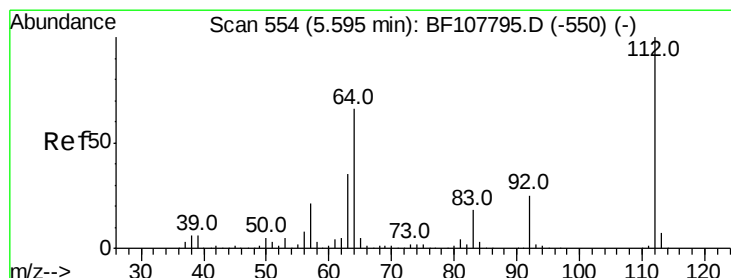
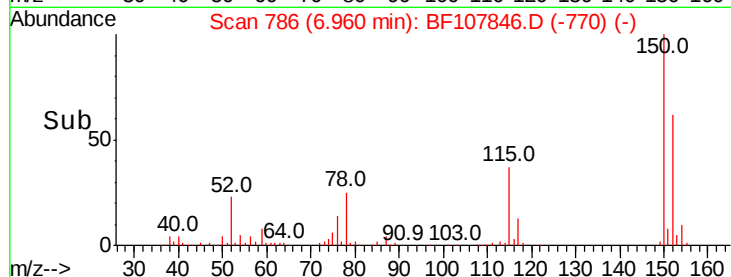
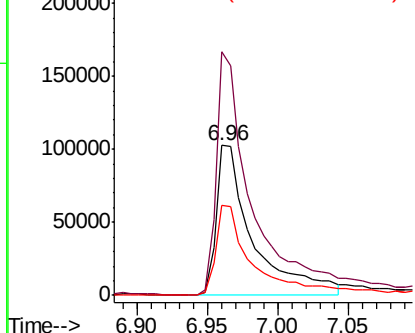
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107846.D
Acq: 31 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
ECMW-02

Tot Ion:152 Resp: 186281
Ion Ratio Lower Upper
152 100
150 162.3 124.6 186.8
115 60.1 50.1 75.1



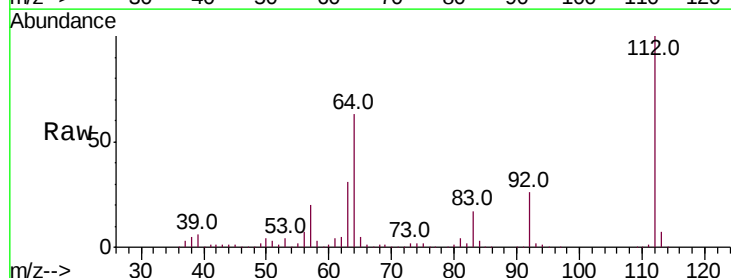
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



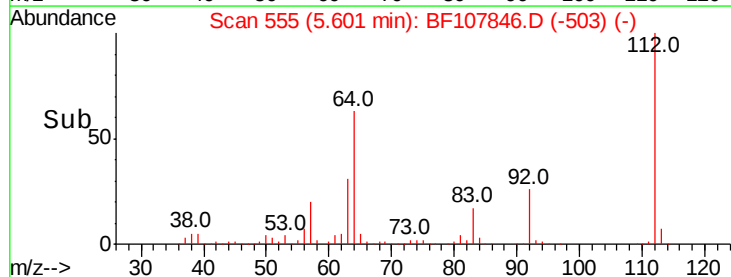
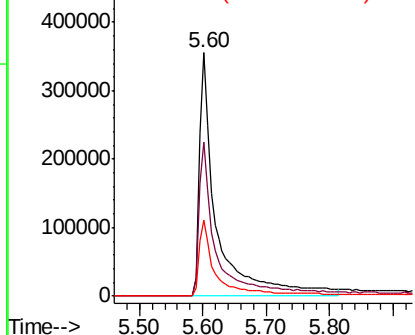
#5

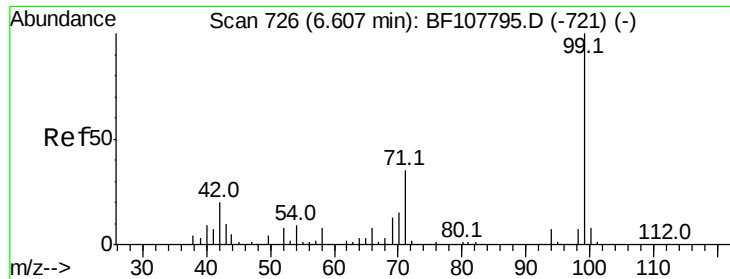
2-Fluorophenol
Concen: 61.348 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107846.D
Acq: 31 Jul 2018 12:23

Tgt Ion:112 Resp: 672409
Ion Ratio Lower Upper
112 100
64 63.1 47.9 71.9
63 31.0 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: 40.307 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107846.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

ECMW-02

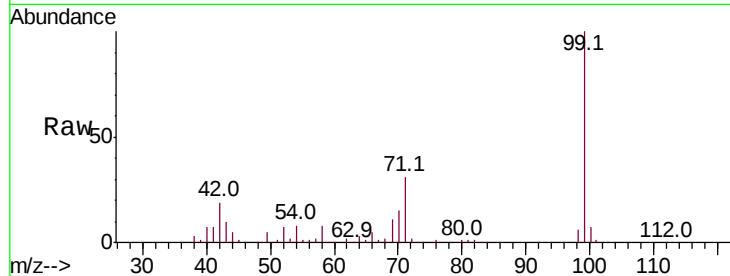
Tot Ion: 99 Resp: 582256

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

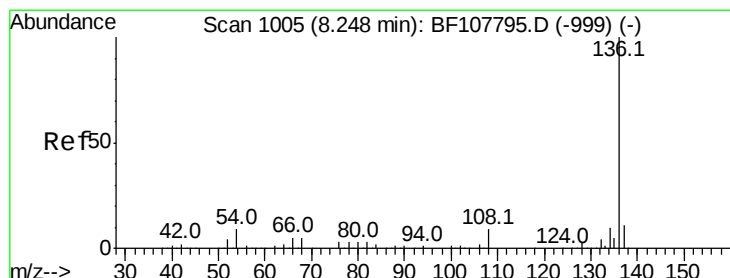
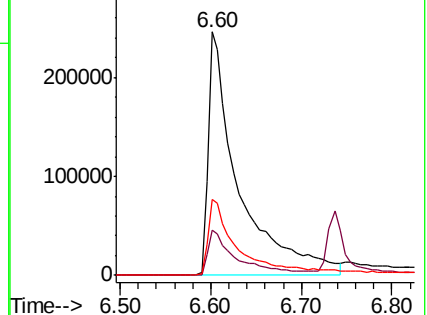
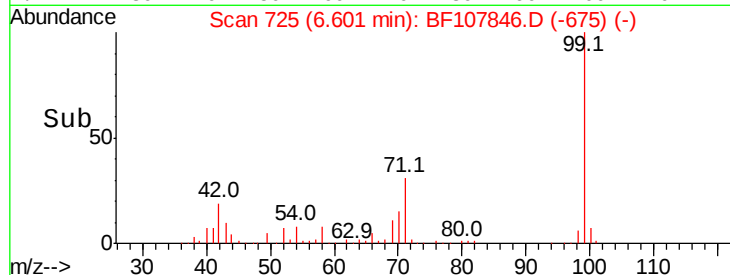
71 31.1 25.4 38.0



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: BF107846.D

Acq: 31 Jul 2018 12:23

Tgt Ion: 136 Resp: 805229

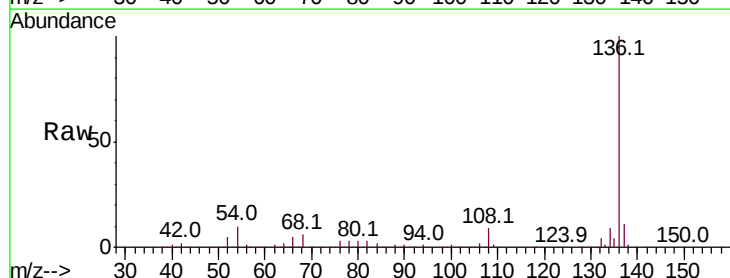
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.8 6.6 9.8

68 6.3 5.0 7.4

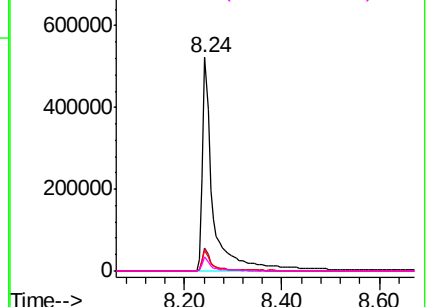
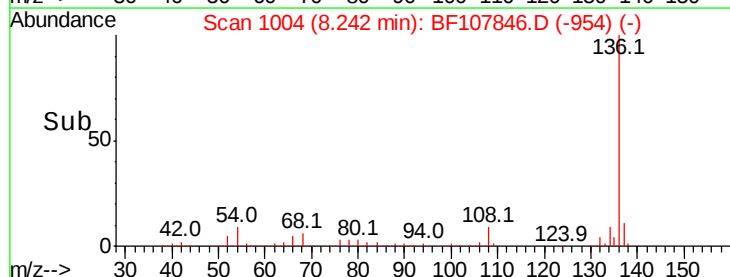


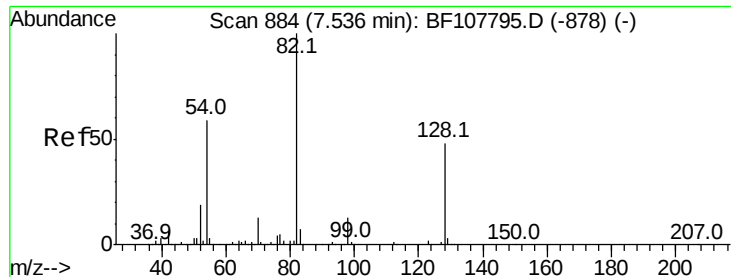
Abundance Ion 136.00 (135.70 to 136.70): E

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

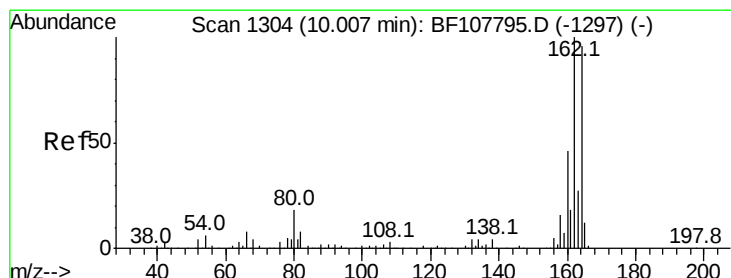
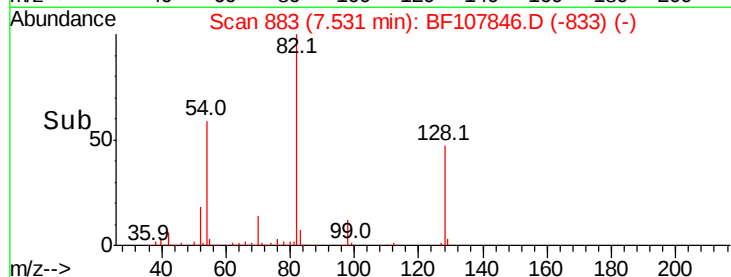
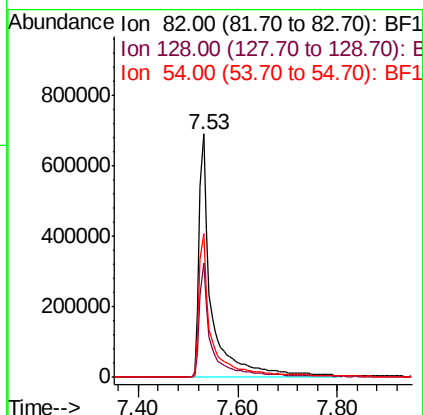
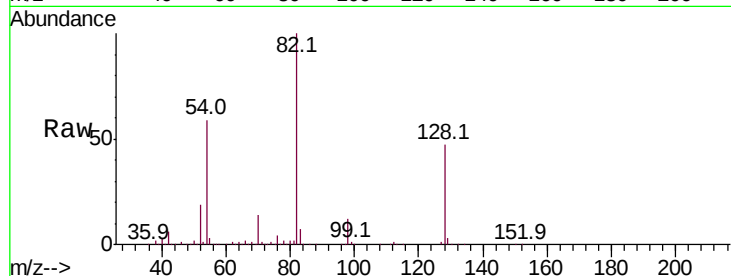




#23
Nitrobenzene-d5
Concen: 87.565 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107846.D
Acq: 31 Jul 2018 12:23

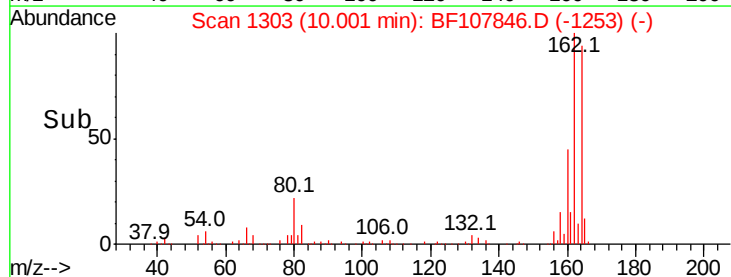
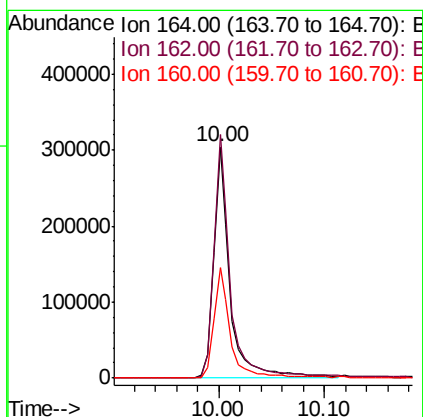
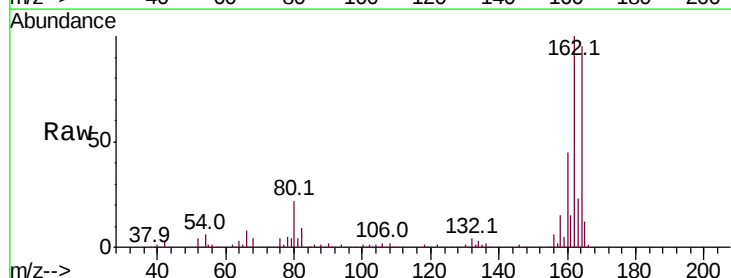
Instrument :
BNA_F
ClientSampleId :
ECMW-02

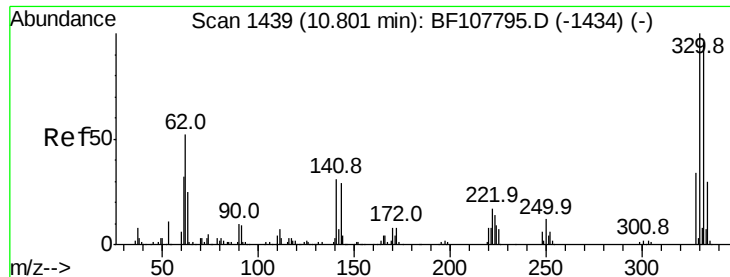
Tot Ion: 82 Resp: 1223908
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 59.2 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107846.D
Acq: 31 Jul 2018 12:23

Tgt Ion:164 Resp: 334581
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 47.9 38.3 57.5

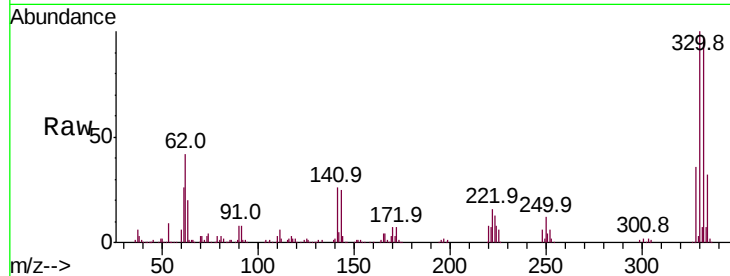




#41
 2,4,6-Tribromophenol
 Concen: 112.617 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107846.D
 Acq: 31 Jul 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 ECMW-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	28.1	29.9	44.9#

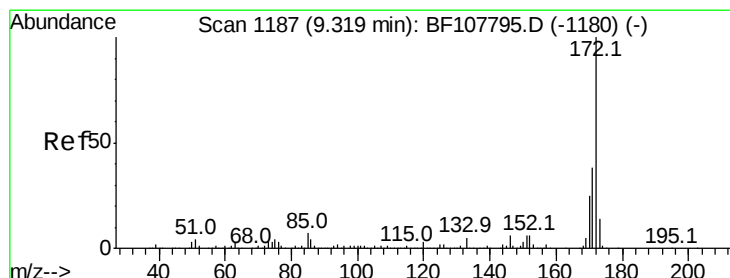
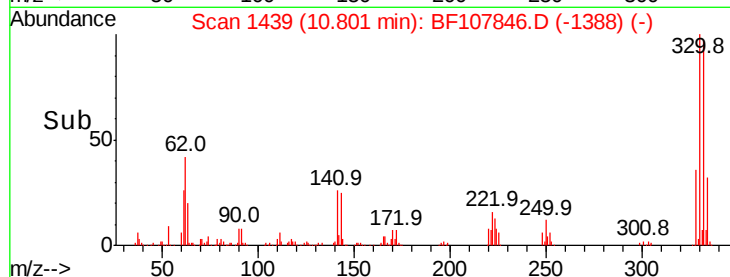
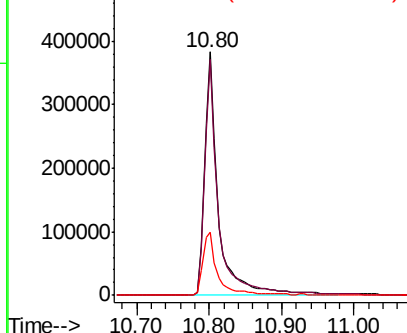


Abundance

Ion 329.80 (329.50 to 330.50): E

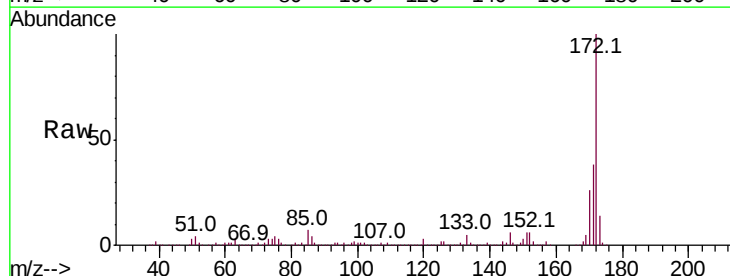
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.544 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107846.D
 Acq: 31 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	25.6	19.6	29.4

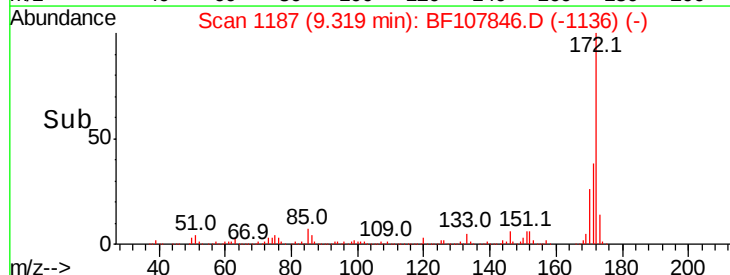
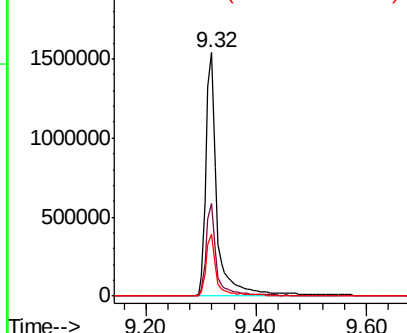


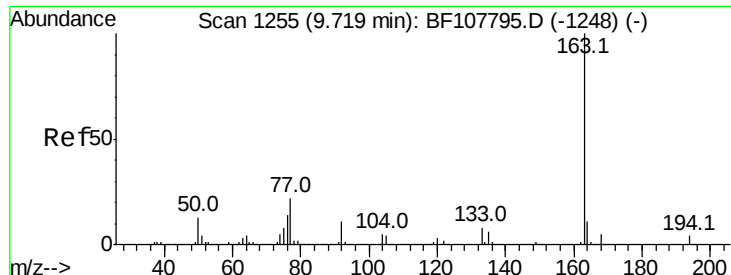
Abundance

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

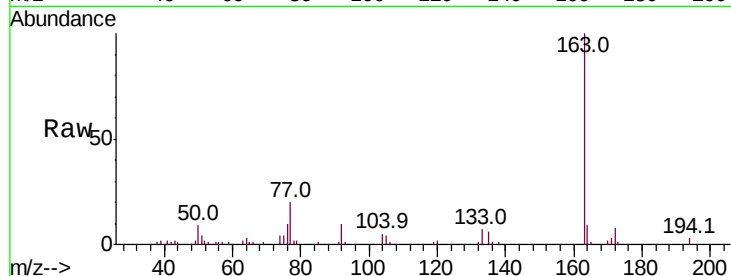




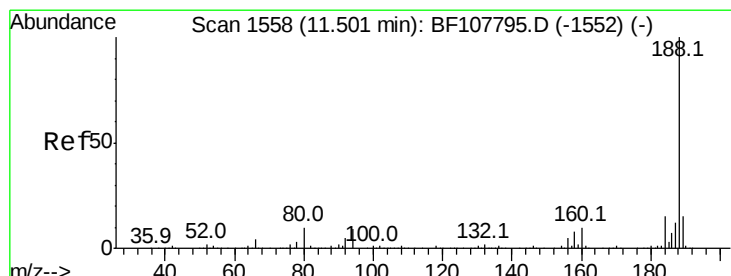
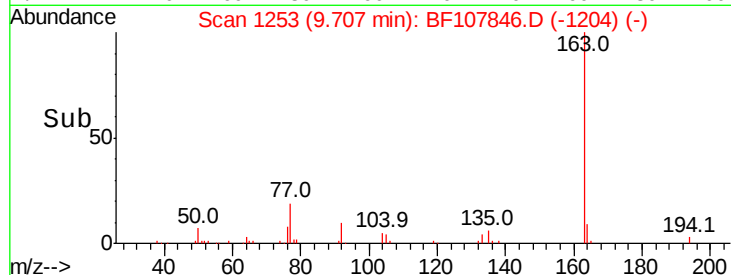
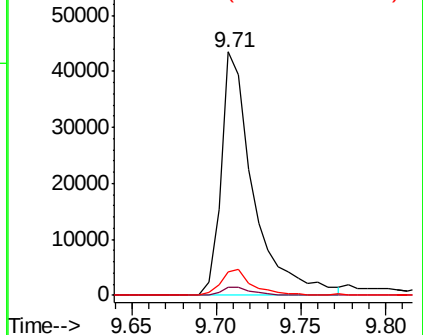
#49
Dimethylphthalate
Concen: 2.296 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107846.D
Acq: 31 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
ECMW-02

Tot Ion:163 Resp: 57701
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.4 8.2 12.2

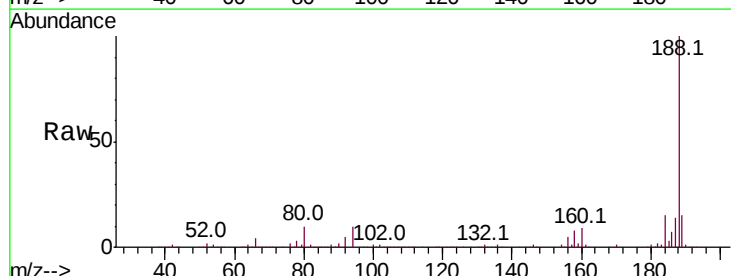


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

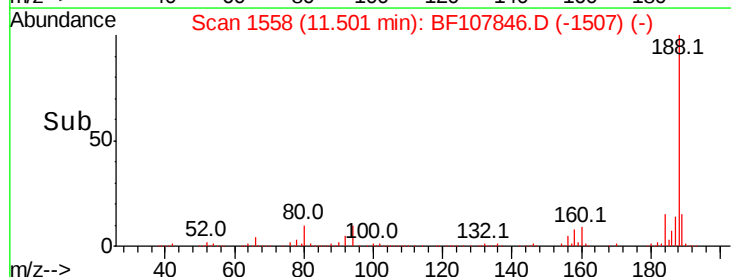
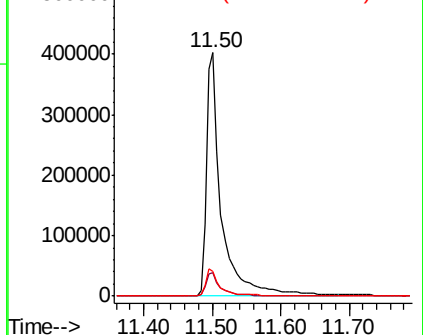


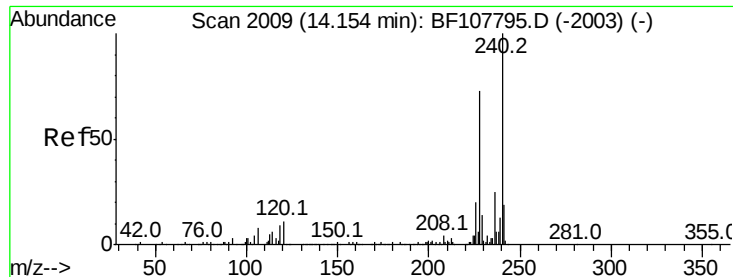
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107846.D
Acq: 31 Jul 2018 12:23

Tgt Ion:188 Resp: 620653
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.3 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: BF107846.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

ECMW-02

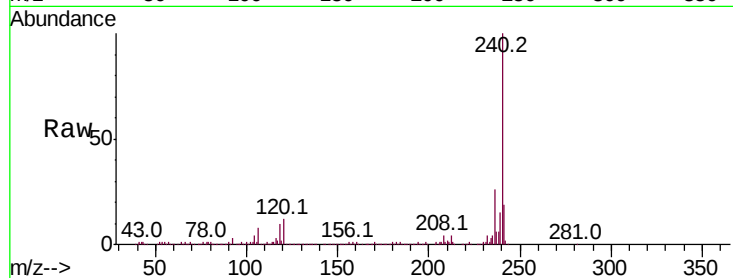
Tot Ion:240 Resp: 452739

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

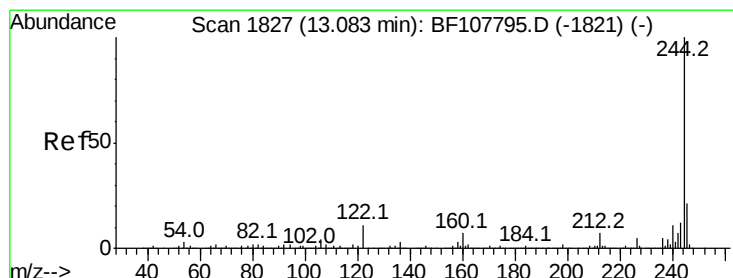
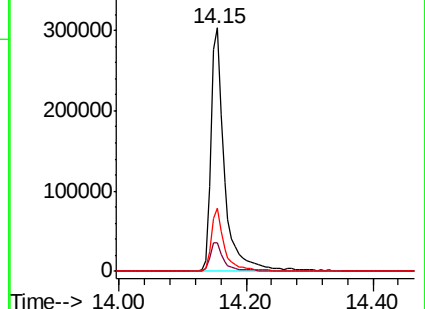
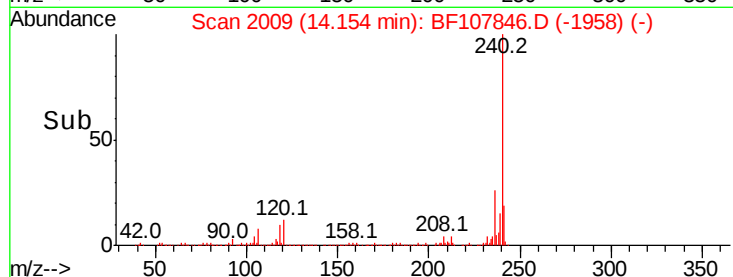
236 26.0 20.7 31.1



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: 83.092 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107846.D

Acq: 31 Jul 2018 12:23

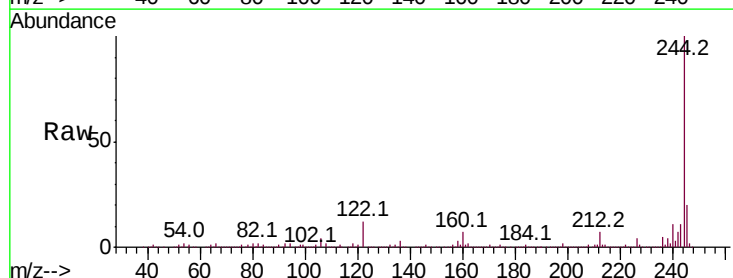
Tgt Ion:244 Resp: 1734846

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

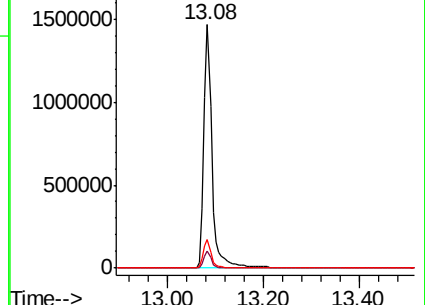
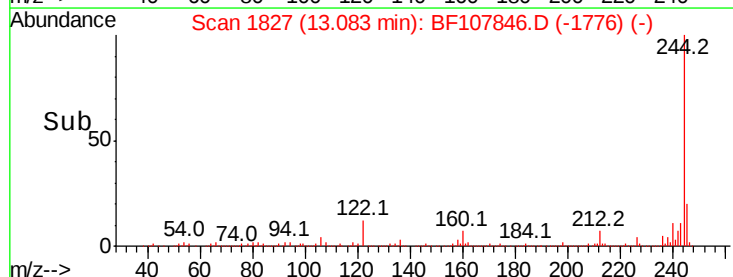
122 11.9 11.0 16.4

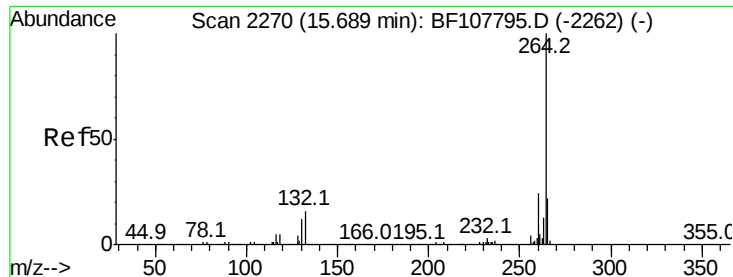


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlone-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107846.D
Acq: 31 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
ECMW-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.5	17.5	26.3

