

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107819.D
 Acq On : 30 Jul 2018 23:53
 Operator : JU/SJ
 Sample : J4164-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-9)

Quant Time: Jul 31 03:59:05 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

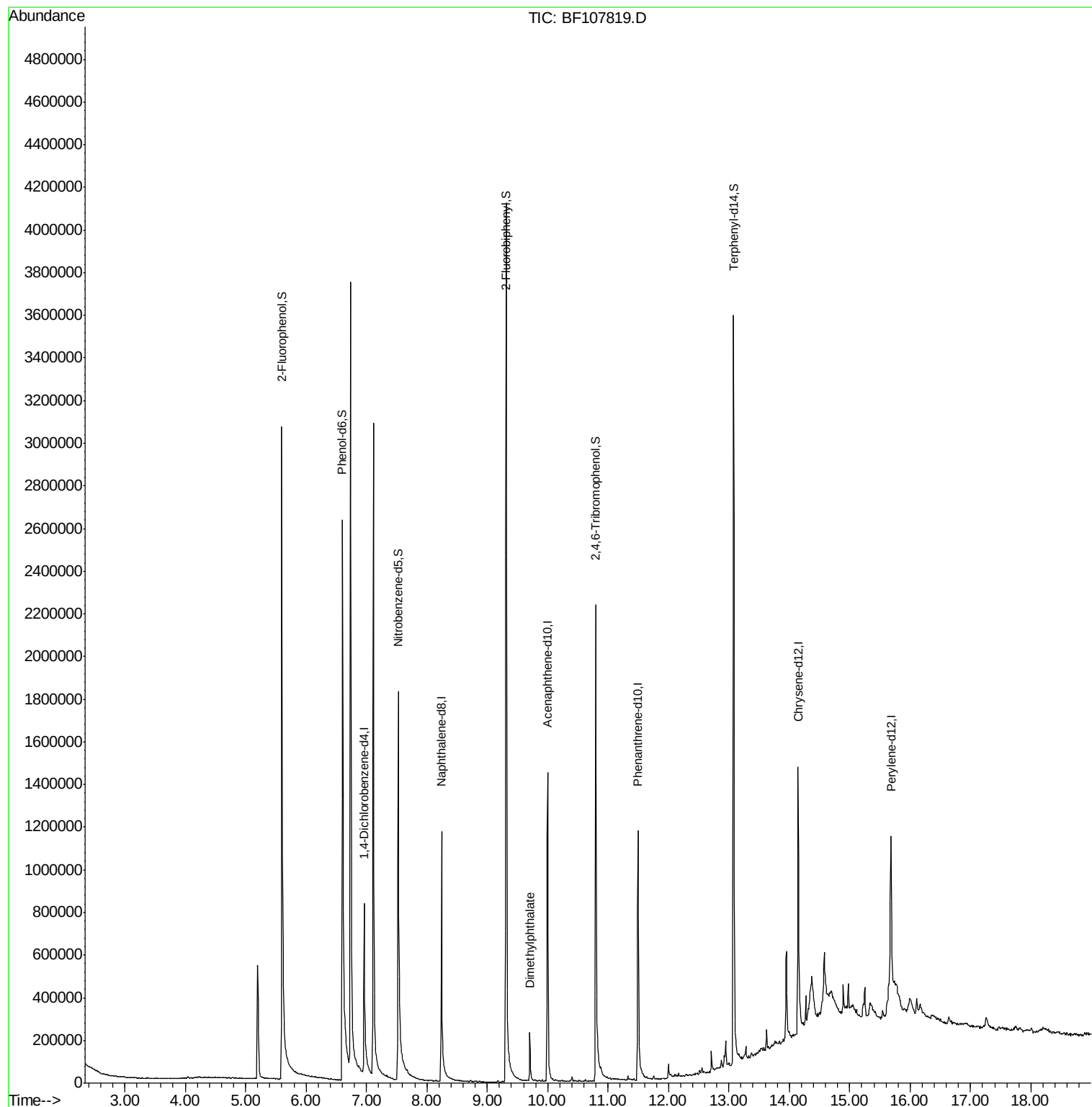
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	188808	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	780779	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	326452	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	602298	20.00	ng	0.00
75) Chrysene-d12	14.15	240	542673	20.00	ng	0.00
86) Perylene-d12	15.68	264	509899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1263481	113.73	ng	0.00
7) Phenol-d6	6.61	99	1542459	105.35	ng	0.00
23) Nitrobenzene-d5	7.52	82	1041141	76.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	411452	92.76	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1673763	71.45	ng	0.00
78) Terphenyl-d14	13.08	244	1428085	57.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	115403	4.707	ng	Qvalue 99

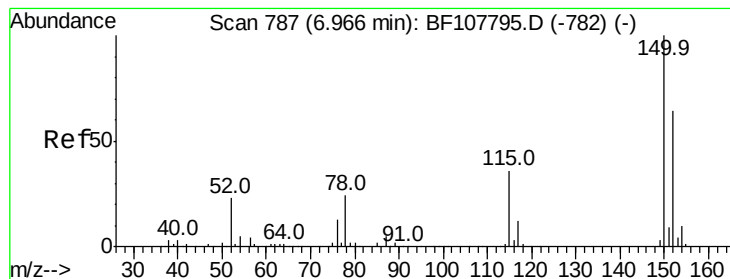
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF107819.D

Acq: 30 Jul 2018 23:53

Instrument :

BNA_F

ClientSampleId :

SB-4(7-9)

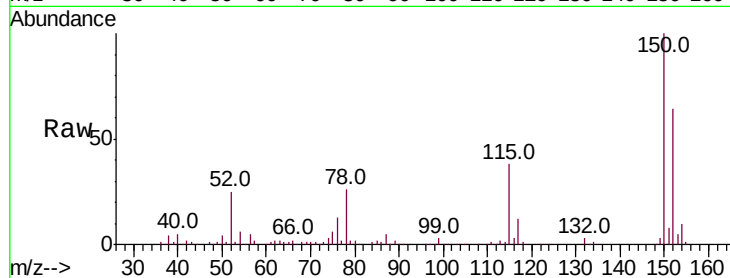
Tot Ion:152 Resp: 188808

Ion Ratio Lower Upper

152 100

150 156.5 124.6 186.8

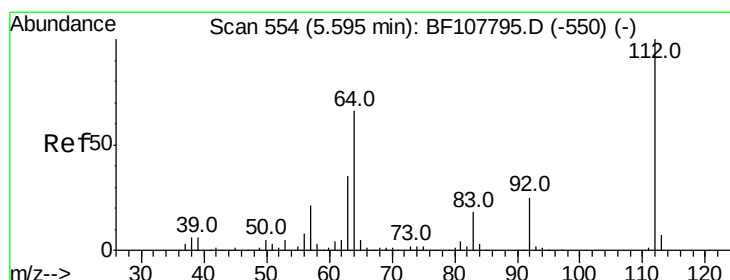
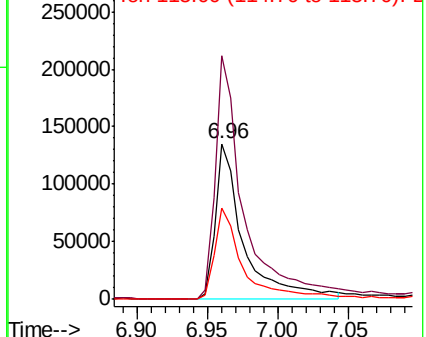
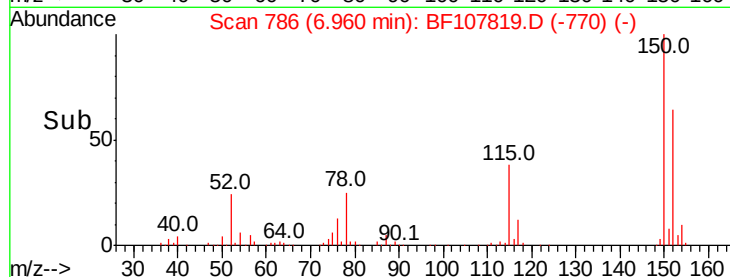
115 58.7 50.1 75.1



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: 113.732 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107819.D

Acq: 30 Jul 2018 23:53

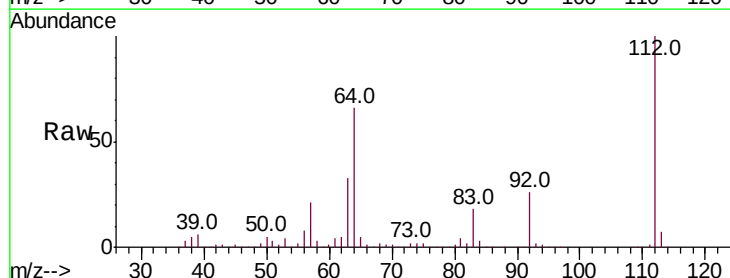
Tgt Ion:112 Resp: 1263481

Ion Ratio Lower Upper

112 100

64 66.5 47.9 71.9

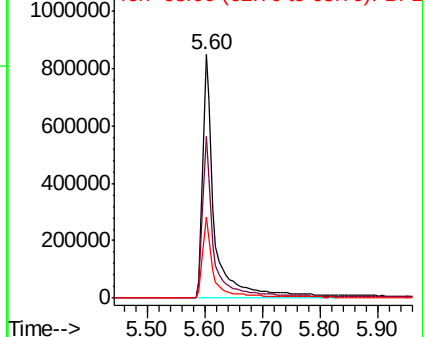
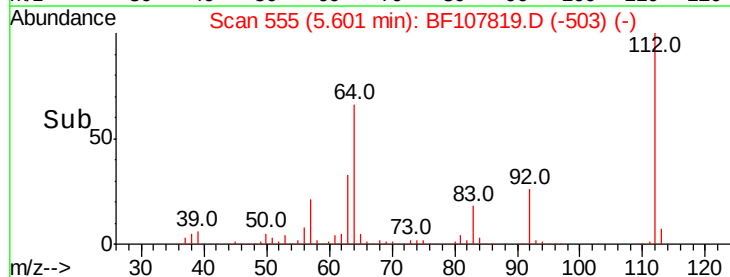
63 33.5 23.7 35.5

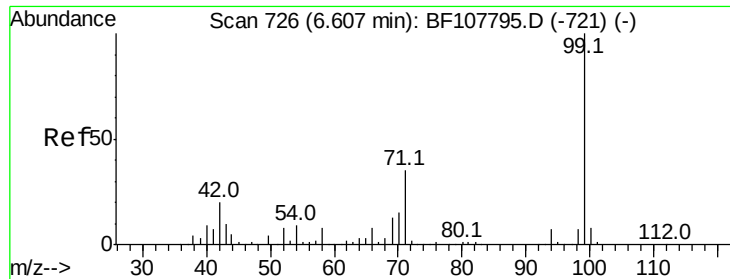


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 105.349 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107819.D

Acq: 30 Jul 2018 23:53

Instrument :

BNA_F

ClientSampleId :

SB-4(7-9)

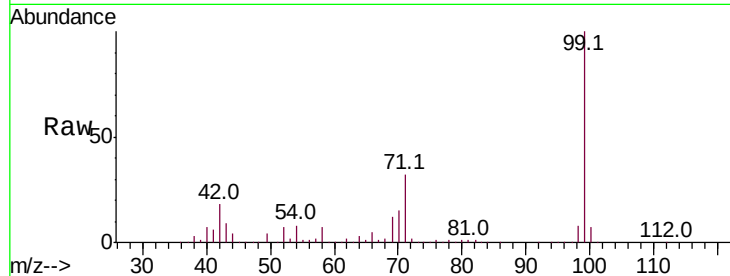
Tot Ion: 99 Resp: 1542459

Ion Ratio Lower Upper

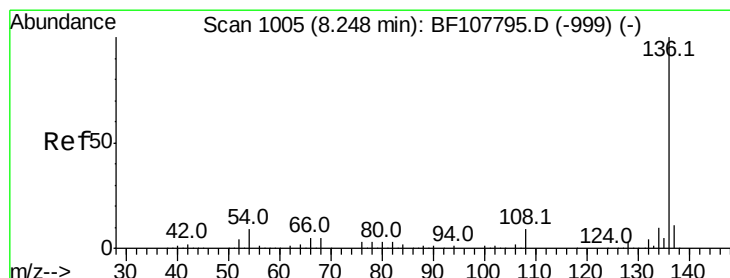
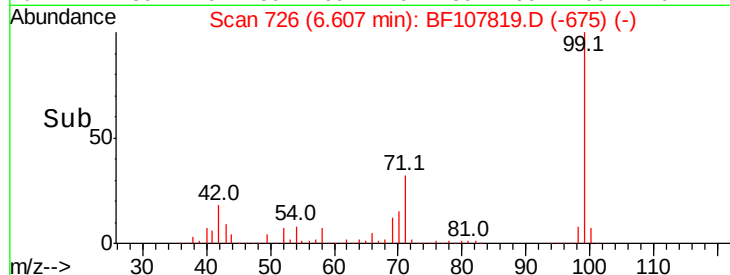
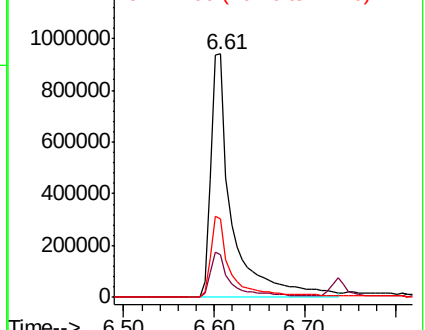
99 100

42 17.7 14.5 21.7

71 32.2 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: BF107819.D

Acq: 30 Jul 2018 23:53

Tgt Ion: 136 Resp: 780779

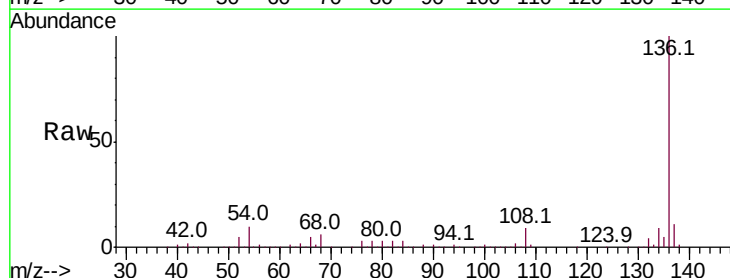
Ion Ratio Lower Upper

136 100

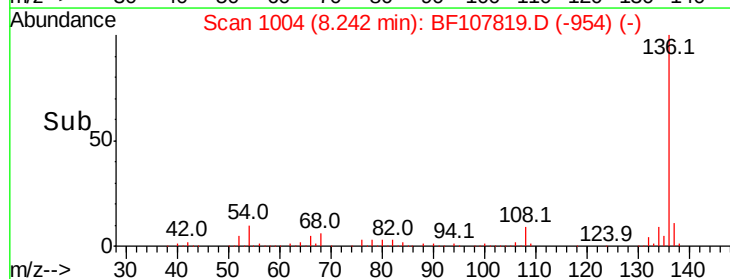
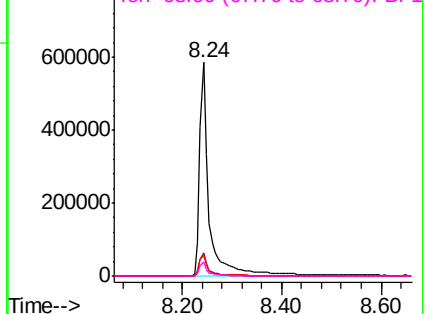
137 11.0 8.9 13.3

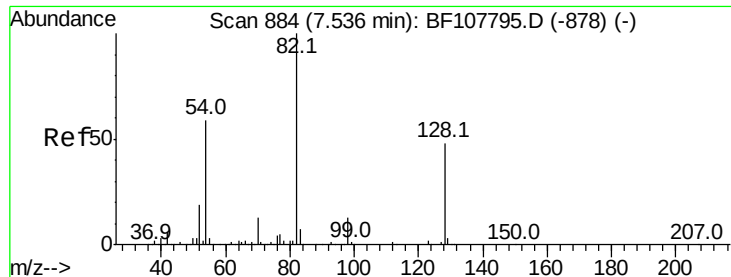
54 9.9 6.6 9.8#

68 6.4 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

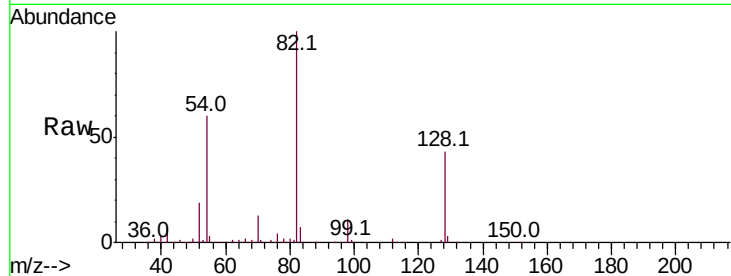




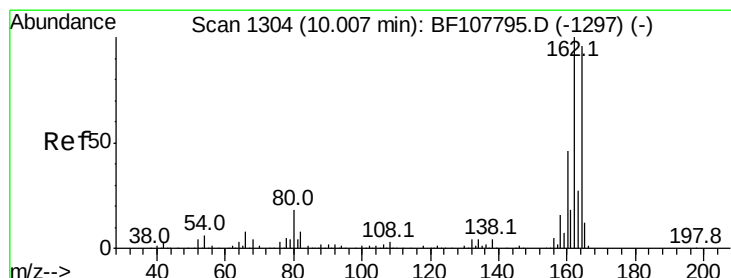
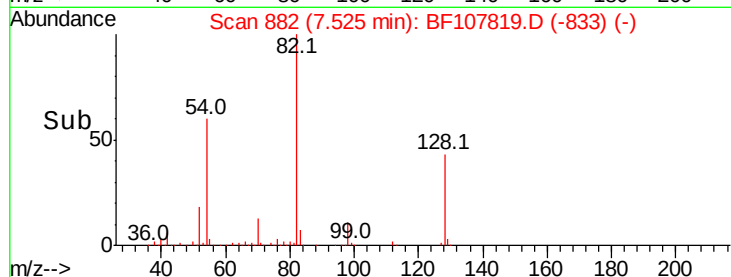
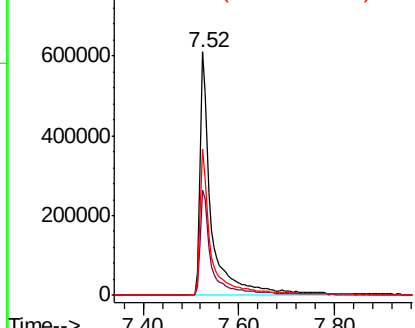
#23
Nitrobenzene-d5
Concen: 76.821 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107819.D
Acq: 30 Jul 2018 23:53

Instrument :
BNA_F
ClientSampleId :
SB-4(7-9)

Tot Ion: 82 Resp: 1041141
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 60.2 41.4 62.2

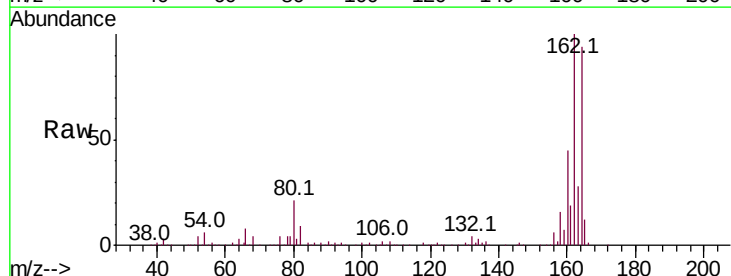


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

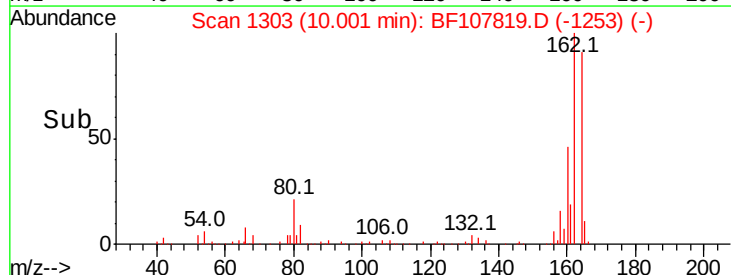
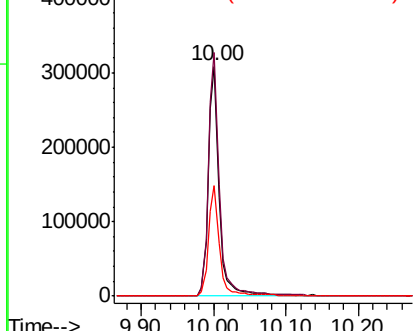


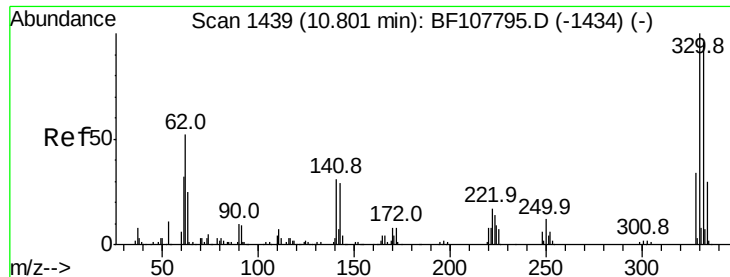
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107819.D
Acq: 30 Jul 2018 23:53

Tgt Ion:164 Resp: 326452
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 48.1 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: 92.757 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107819.D

Acq: 30 Jul 2018 23:53

Instrument :

BNA_F

ClientSampleId :

SB-4(7-9)

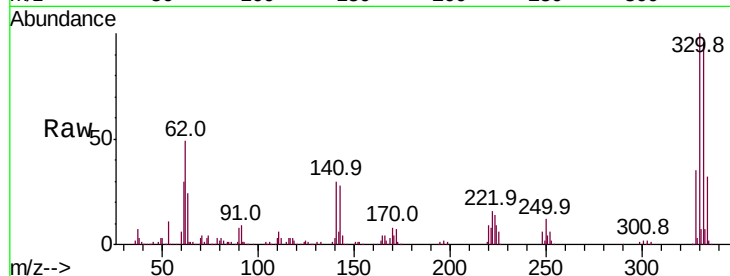
Tot Ion:330 Resp: 411452

Ion Ratio Lower Upper

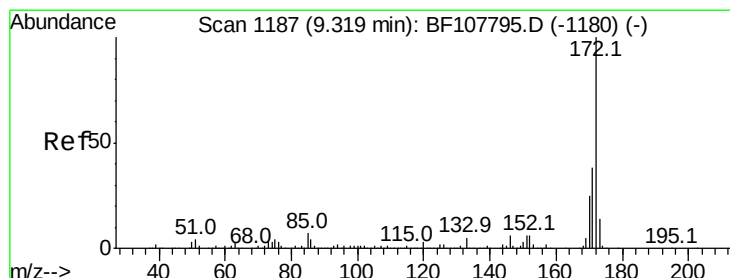
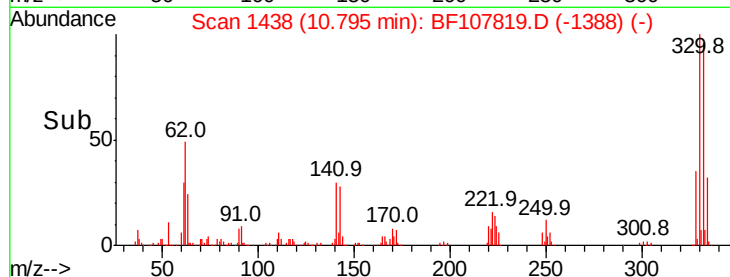
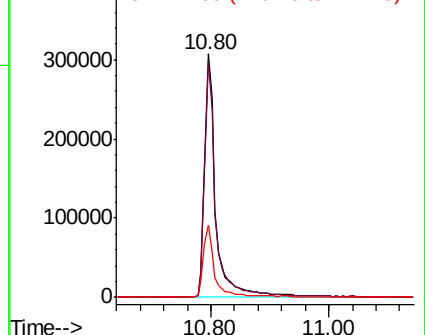
330 100

332 95.0 77.0 115.6

141 28.9 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: 71.446 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF107819.D

Acq: 30 Jul 2018 23:53

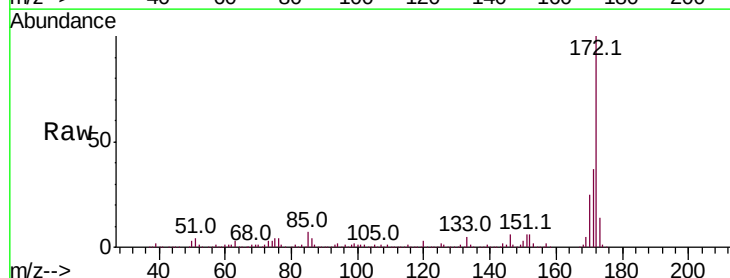
Tgt Ion:172 Resp: 1673763

Ion Ratio Lower Upper

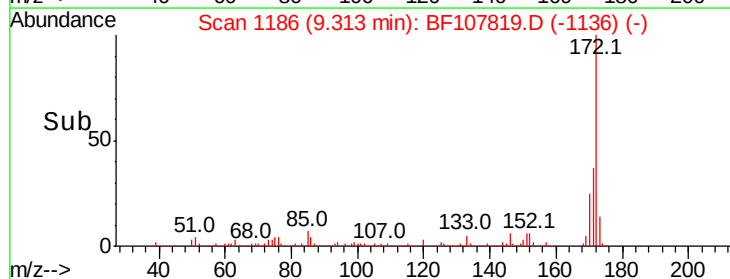
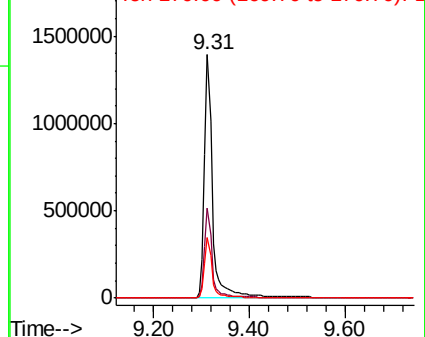
172 100

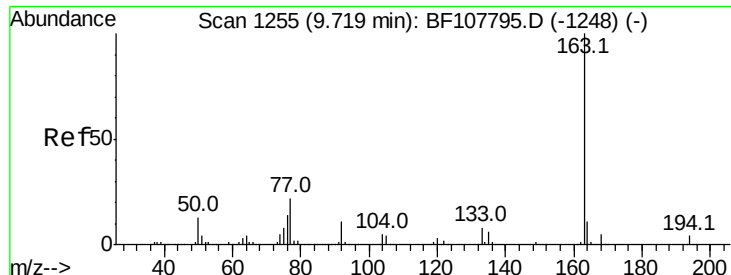
171 37.0 29.7 44.5

170 24.7 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

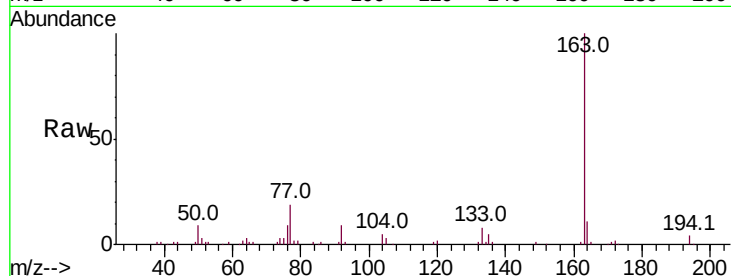




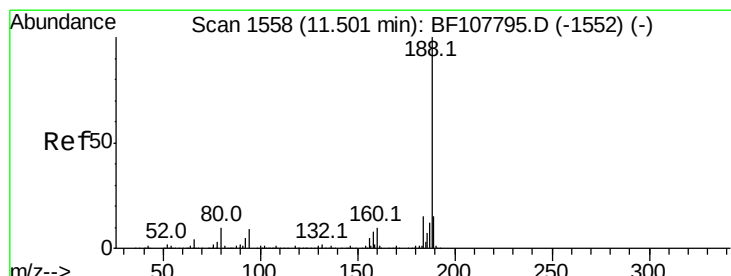
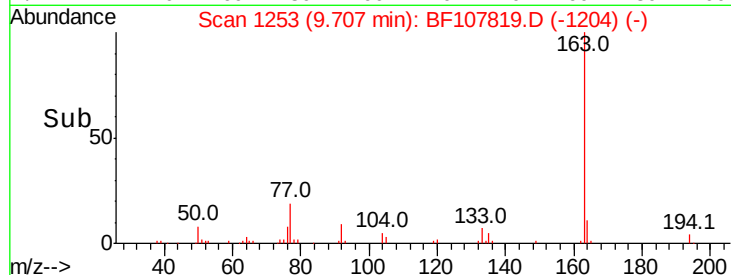
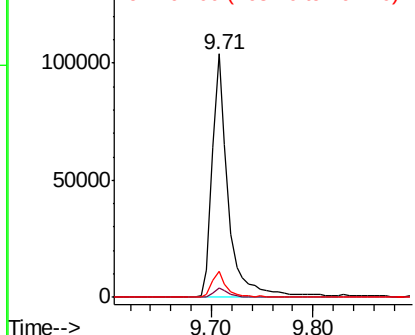
#49
Dimethylphthalate
Concen: 4.707 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107819.D
Acq: 30 Jul 2018 23:53

Instrument :
BNA_F
ClientSampleId :
SB-4(7-9)

Tot Ion:163 Resp: 115403
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.2 12.2

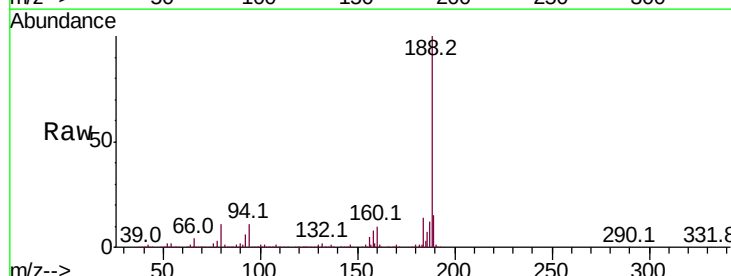


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

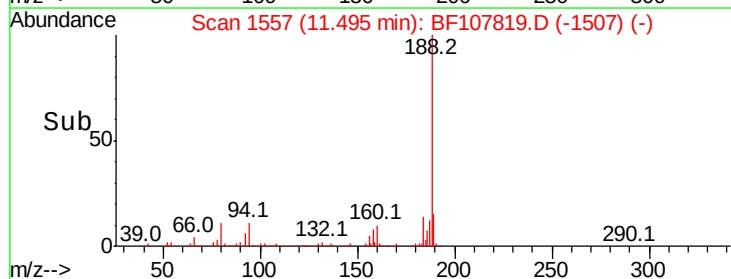
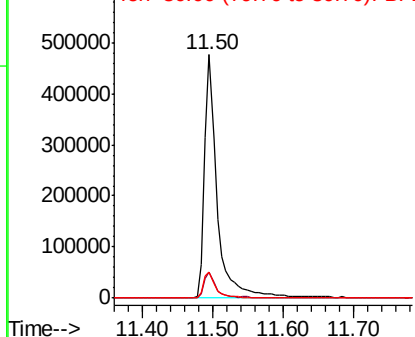


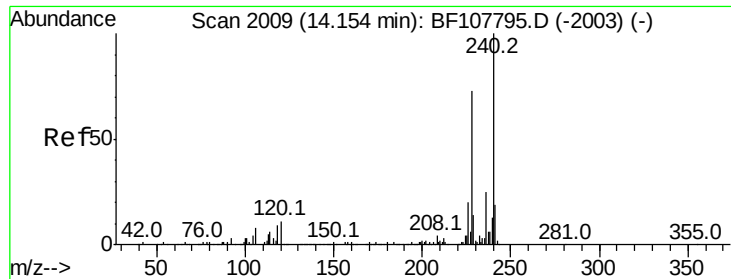
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107819.D
Acq: 30 Jul 2018 23:53

Tgt Ion:188 Resp: 602298
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.8 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# 2008

Delta R.T. -0.01 min

Lab File: BF107819.D

Acq: 30 Jul 2018 23:53

Instrument :

BNA_F

ClientSampleId :

SB-4(7-9)

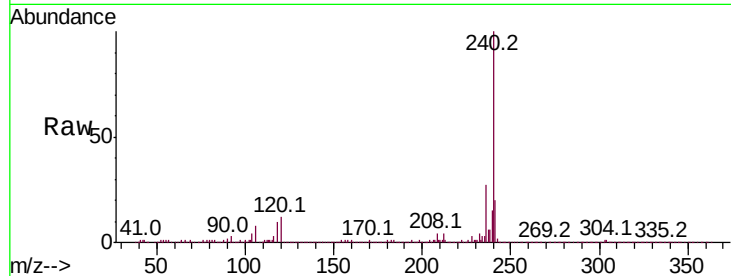
Tot Ion:240 Resp: 542673

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

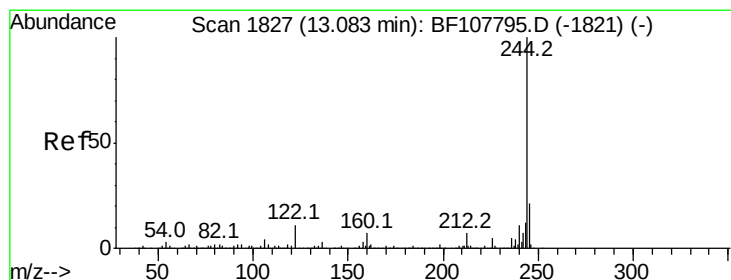
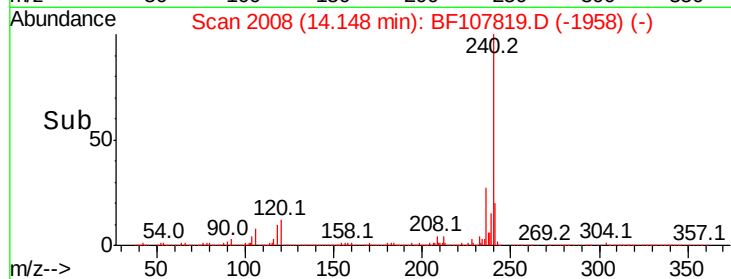
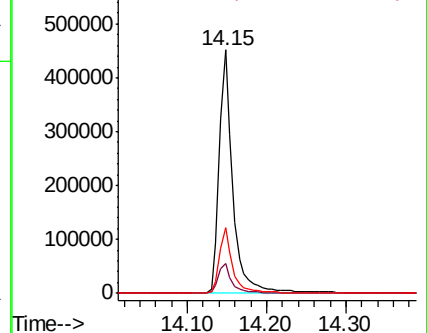
236 26.8 20.7 31.1



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: 57.064 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107819.D

Acq: 30 Jul 2018 23:53

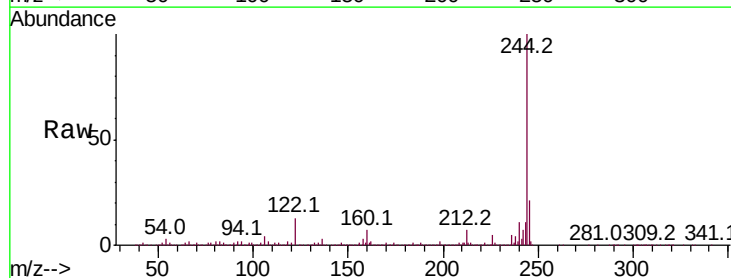
Tgt Ion:244 Resp: 1428085

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

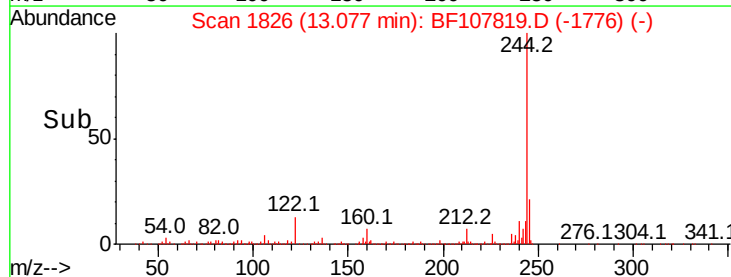
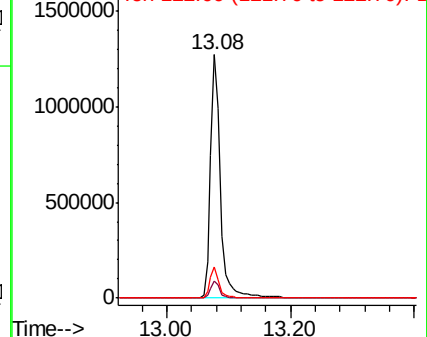
122 12.6 11.0 16.4

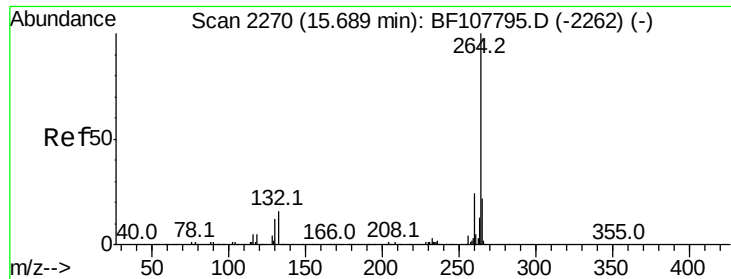


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107819.D
Acq: 30 Jul 2018 23:53

Instrument :
BNA_F
ClientSampleId :
SB-4(7-9)

Tot Ion:	264	Resp:	509899
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.5	26.3

