

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107636.D
 Acq On : 24 Jul 2018 23:01
 Operator : JU/SJ
 Sample : J4011-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180415-COMPOSITE-1

Quant Time: Jul 25 04:35:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

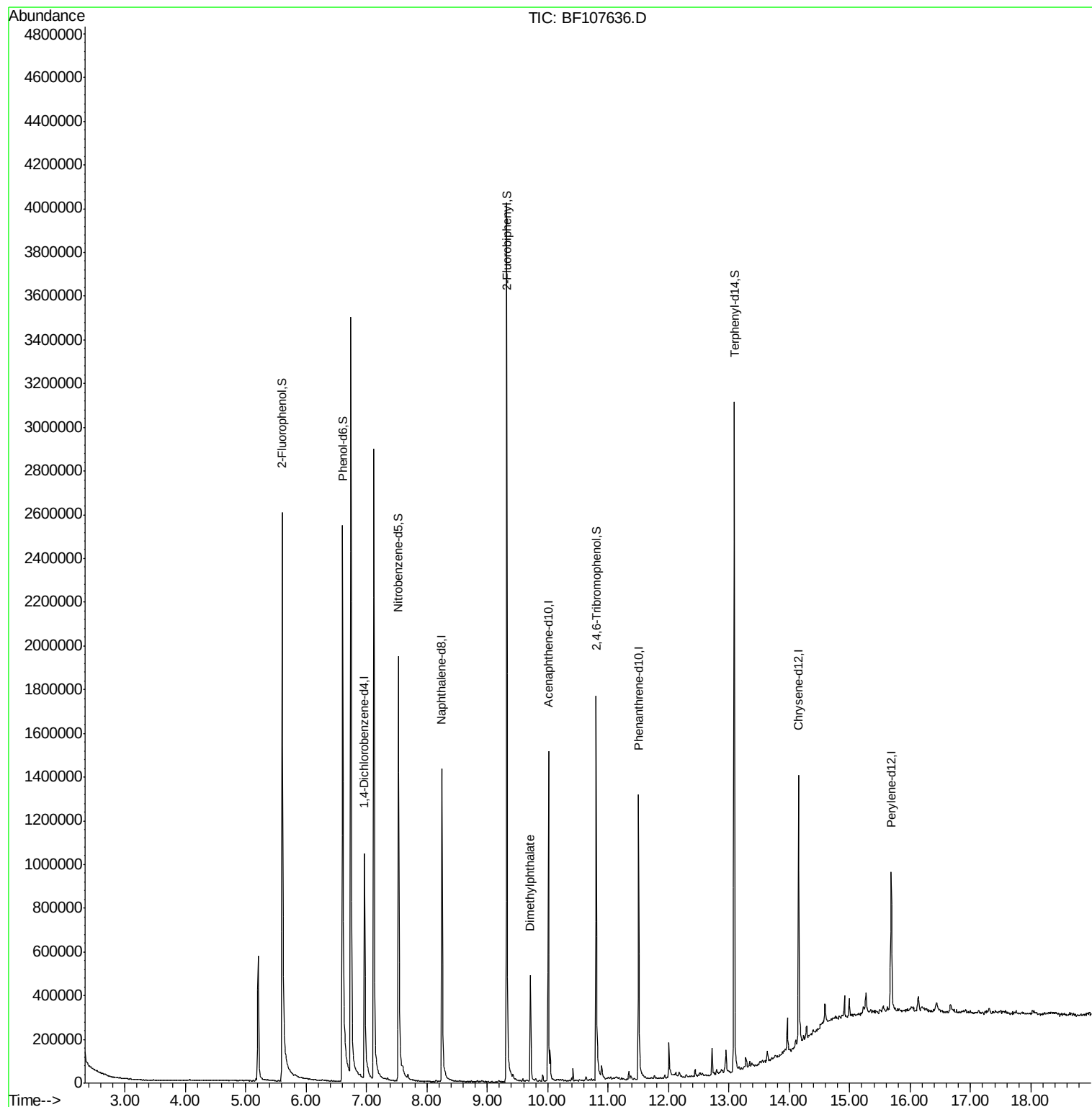
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	224397	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	852520	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	336935	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	590832	20.00	ng	0.00
75) Chrysene-d12	14.15	240	446635	20.00	ng	-0.01
86) Perylene-d12	15.69	264	359230	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1077321	77.19	ng	0.00
7) Phenol-d6	6.61	99	1334822	79.65	ng	0.00
23) Nitrobenzene-d5	7.53	82	789404	62.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	278266	72.63	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1391470	66.52	ng	-0.01
78) Terphenyl-d14	13.09	244	1099669	63.03	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.72	163	224379	8.836	ng	Qvalue 98

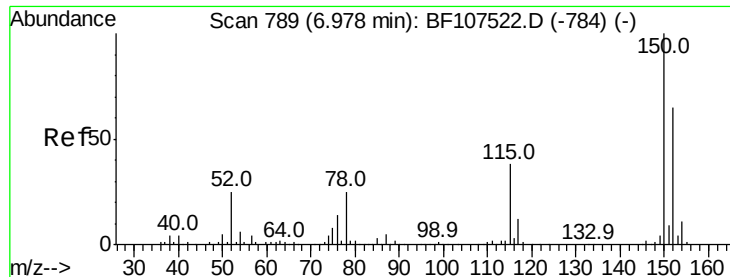
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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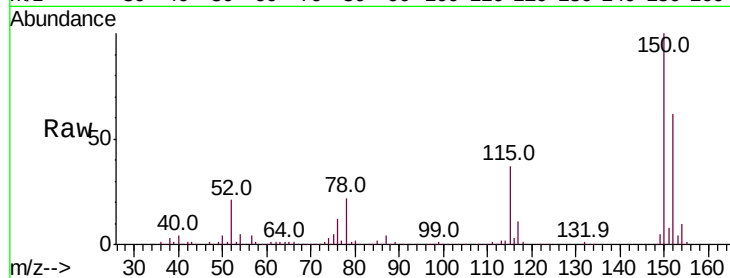


#1

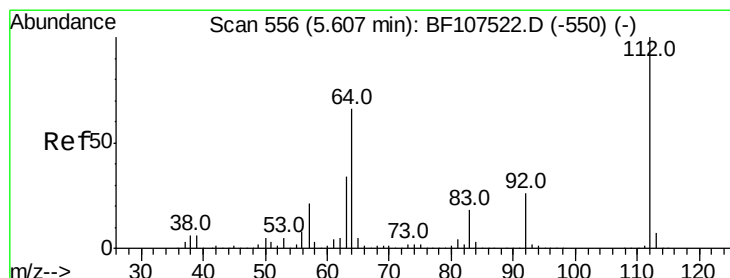
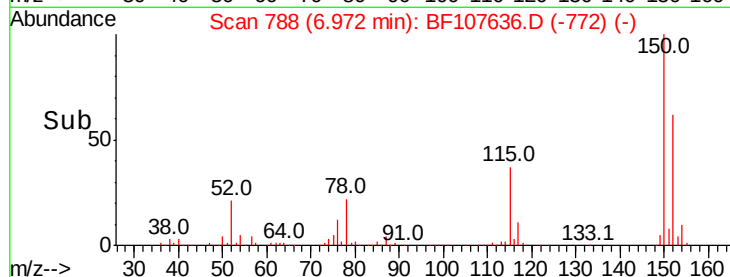
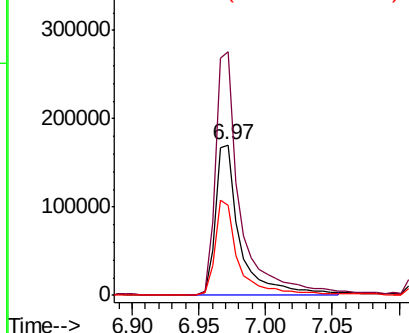
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Tot Ion:152 Resp: 224397
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 60.0 50.1 75.1



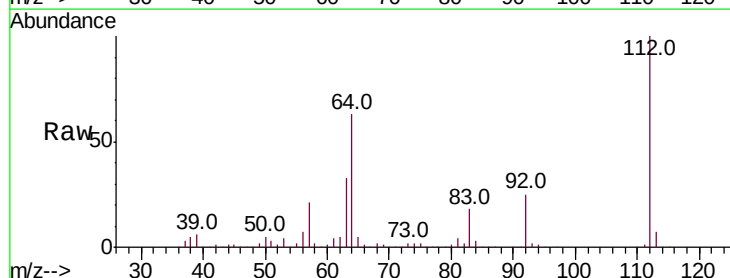
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



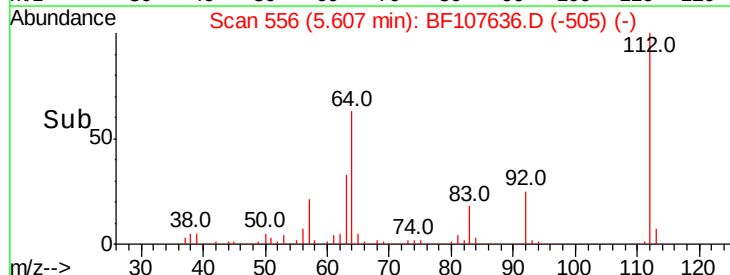
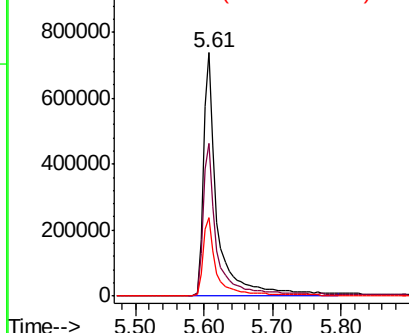
#5

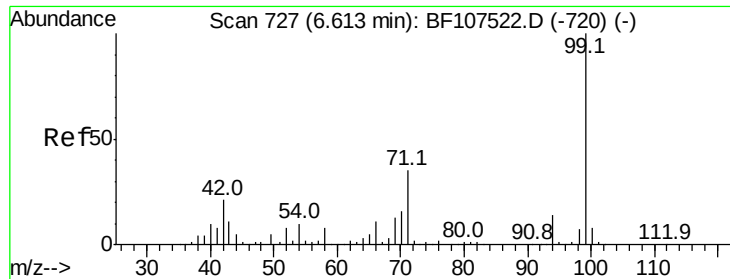
2-Fluorophenol
Concen: 77.190 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Tgt Ion:112 Resp: 1077321
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 32.5 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: 79.651 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107636.D

Acq: 24 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

20180415-COMPOSITE-1

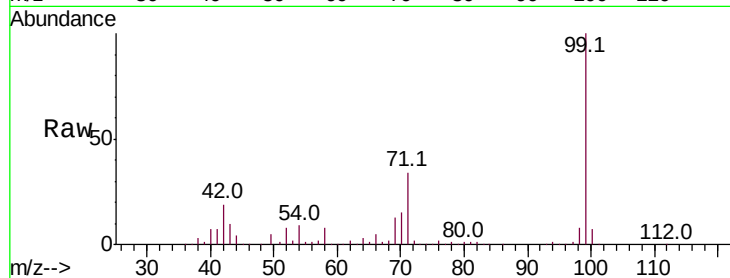
Tot Ion: 99 Resp: 1334822

Ion Ratio Lower Upper

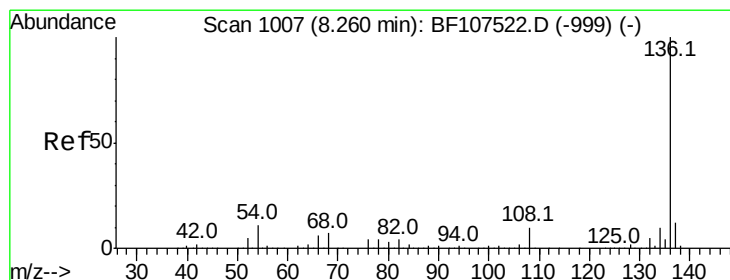
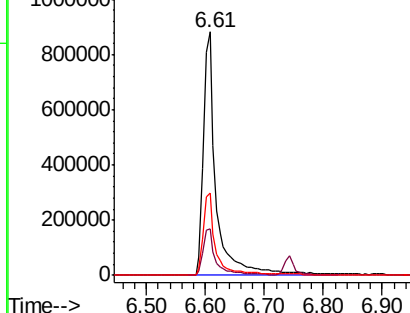
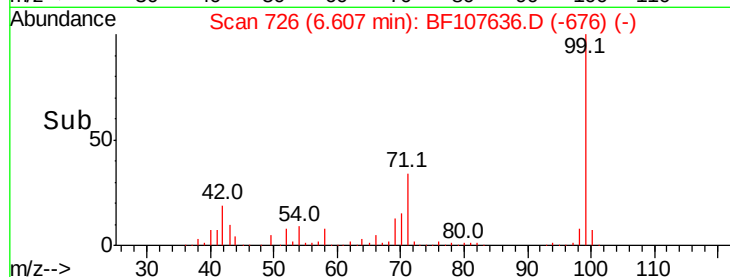
99 100

42 18.9 14.5 21.7

71 33.6 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: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107636.D

Acq: 24 Jul 2018 23:01

Tgt Ion: 136 Resp: 852520

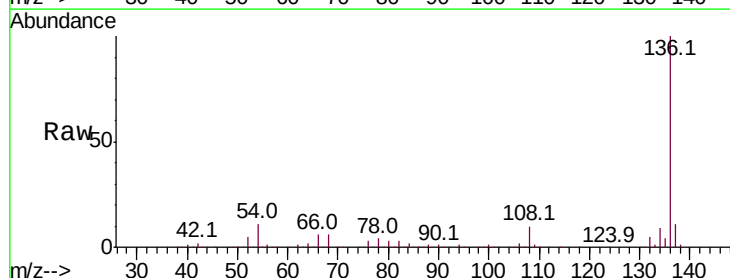
Ion Ratio Lower Upper

136 100

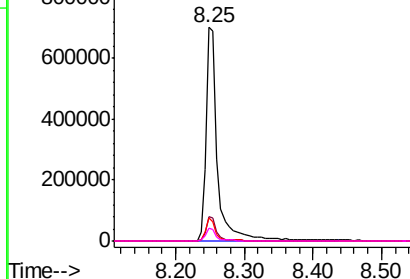
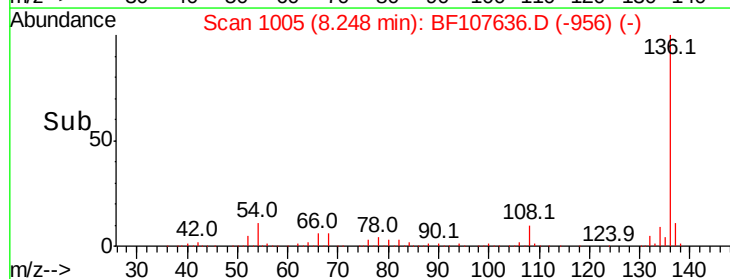
137 11.3 8.9 13.3

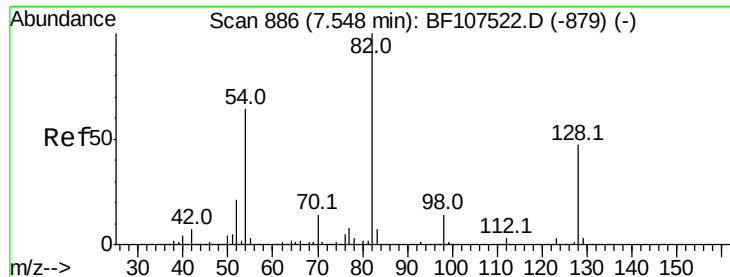
54 10.7 6.6 9.8#

68 6.0 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

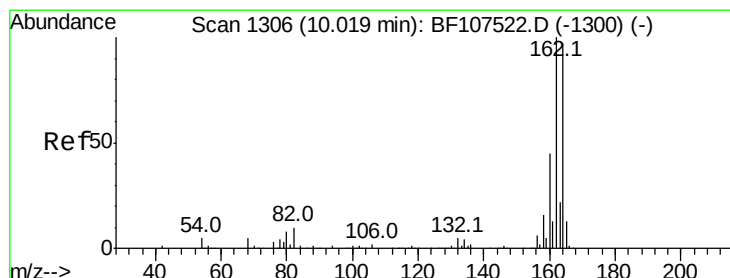
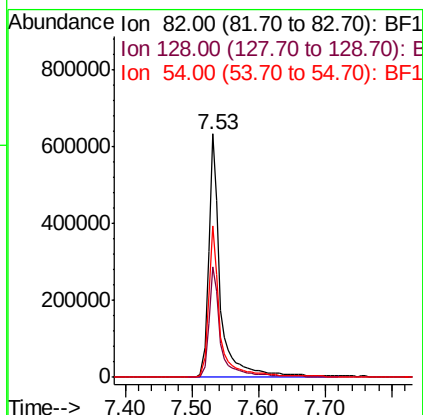
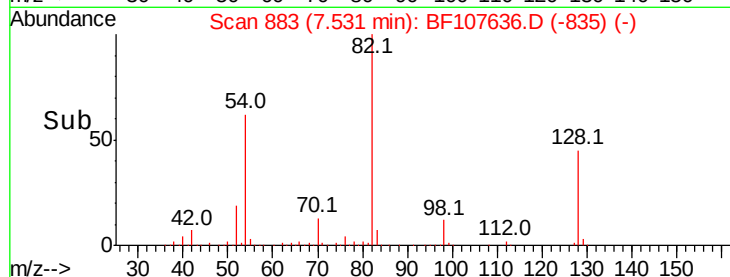
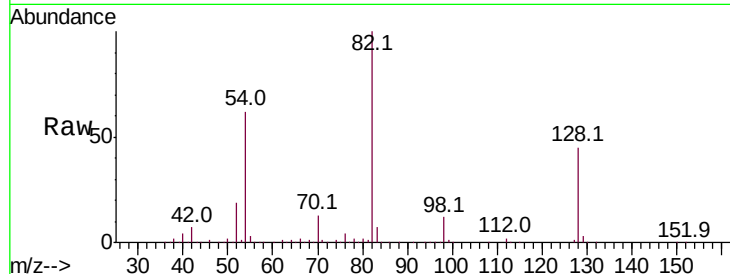




#23
 Nitrobenzene-d5
 Concen: 62.491 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107636.D
 Acq: 24 Jul 2018 23:01

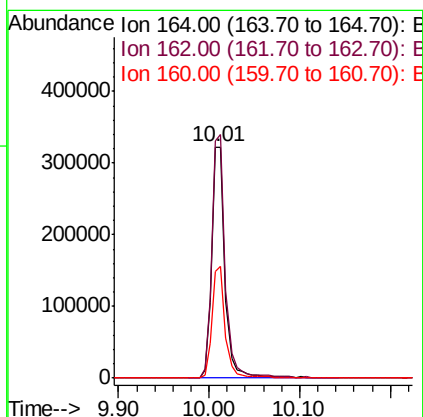
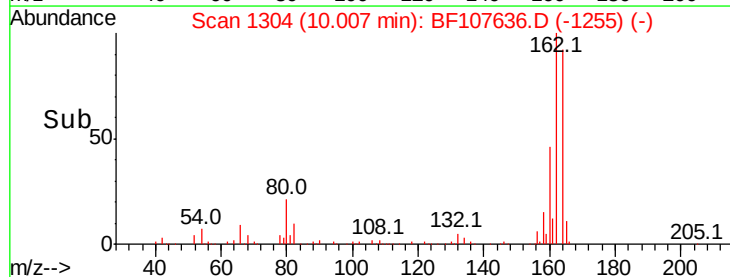
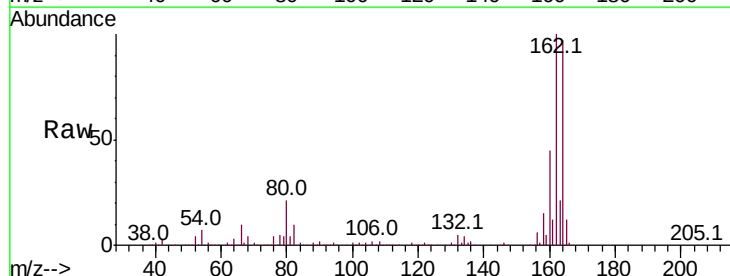
Instrument :
 BNA_F
 ClientSampleId :
 20180415-COMPOSITE-1

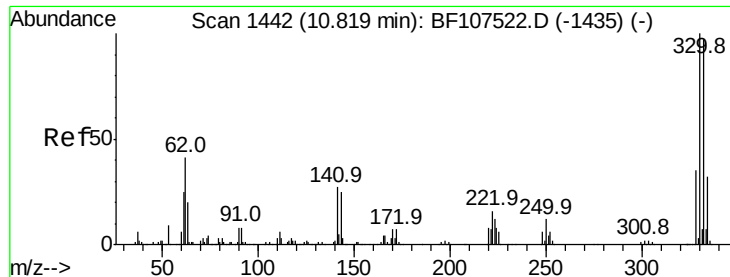
Tot Ion: 82 Resp: 789404
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 62.3 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107636.D
 Acq: 24 Jul 2018 23:01

Tgt Ion:164 Resp: 336935
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 46.5 38.3 57.5

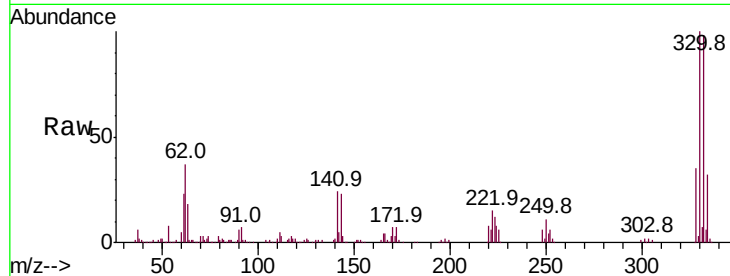




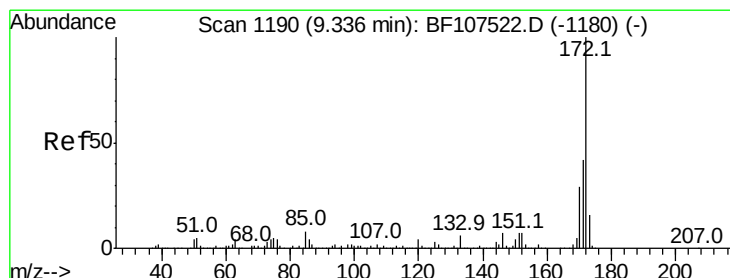
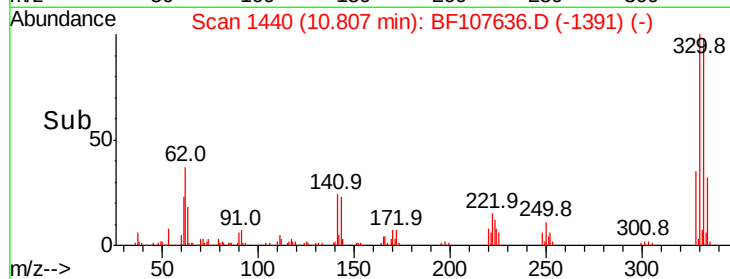
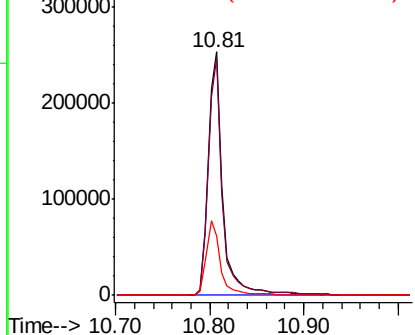
#41
 2,4,6-Tribromophenol
 Concen: 72.626 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107636.D
 Acq: 24 Jul 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :
 20180415-COMPOSITE-1

Tot Ion:330 Resp: 278266
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 29.9 29.9 44.9#

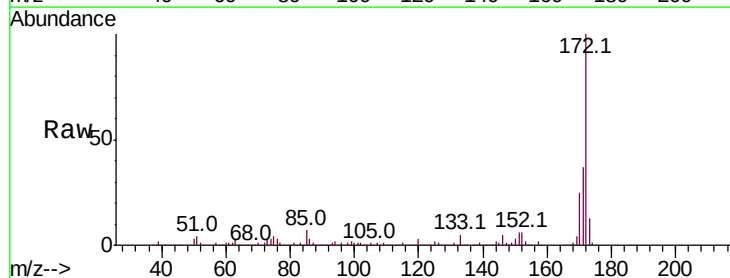


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

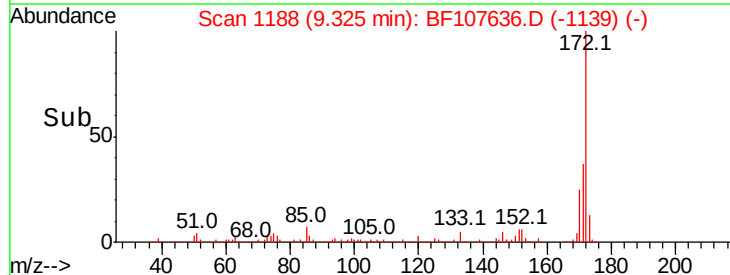
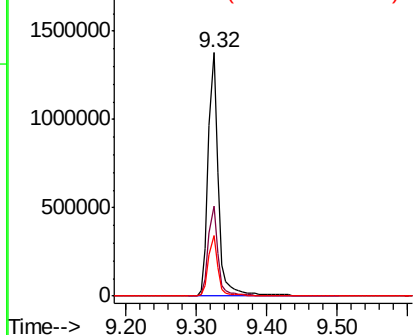


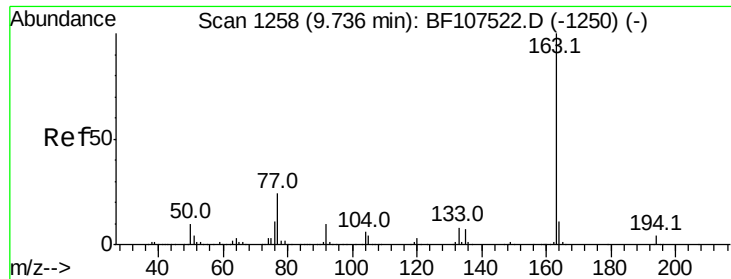
#44
 2-Fluorobiphenyl
 Concen: 66.524 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107636.D
 Acq: 24 Jul 2018 23:01

Tgt Ion:172 Resp: 1391470
 Ion Ratio Lower Upper
 172 100
 171 37.1 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

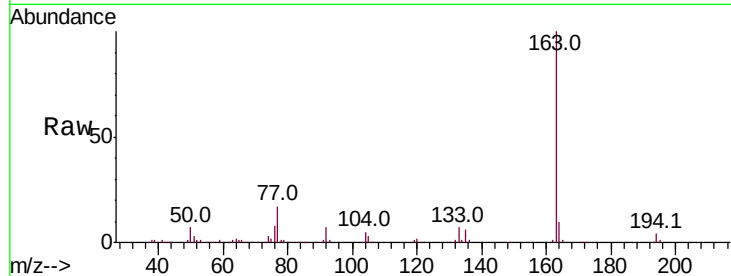




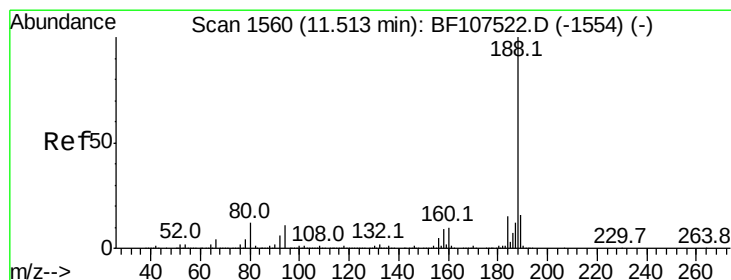
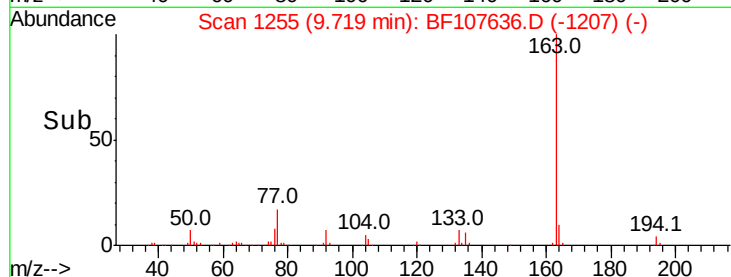
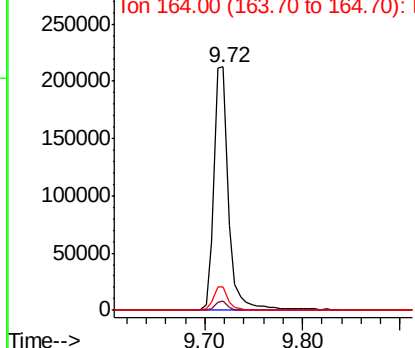
#49
Dimethylphthalate
Concen: 8.836 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Tot Ion:163 Resp: 224379
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.6 8.2 12.2

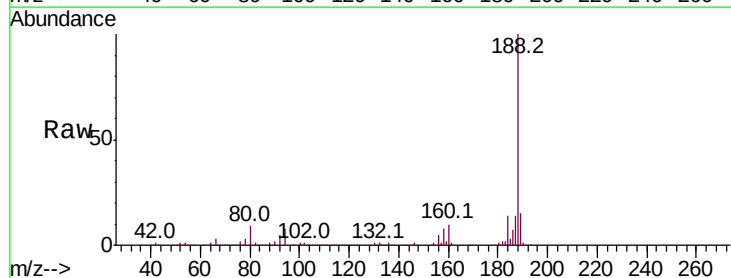


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

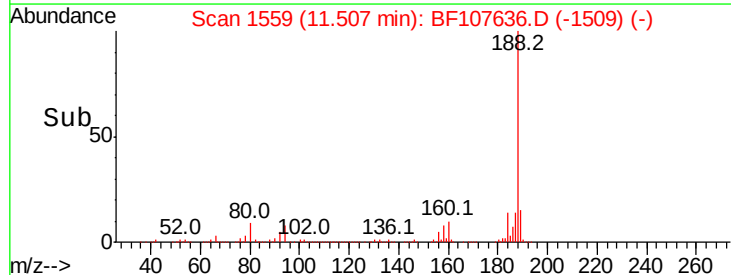
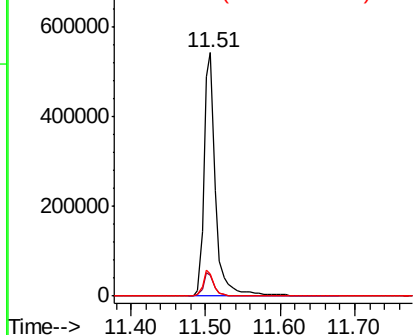


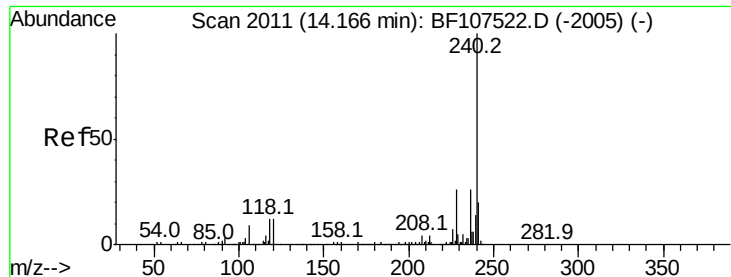
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Tgt Ion:188 Resp: 590832
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 8.9 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: BF107636.D

Acq: 24 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

20180415-COMPOSITE-1

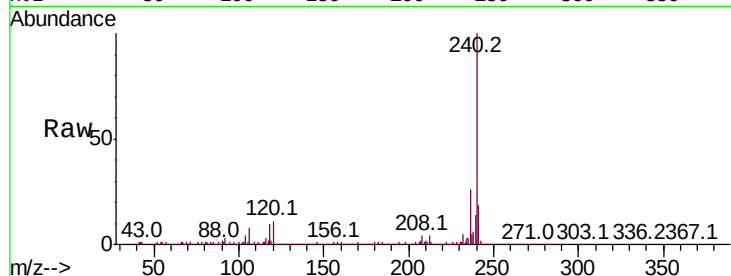
Tot Ion:240 Resp: 446635

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

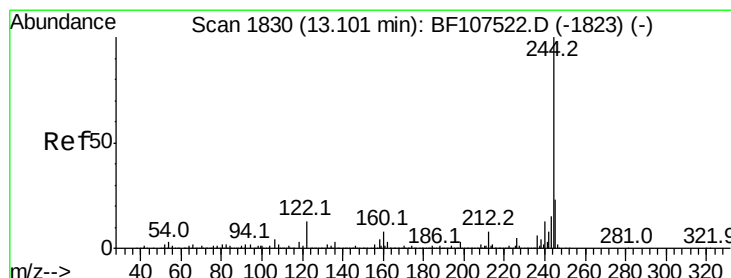
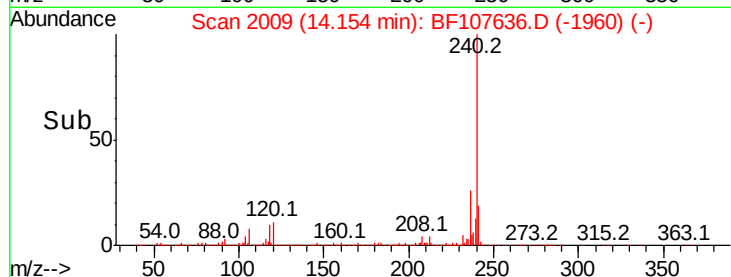
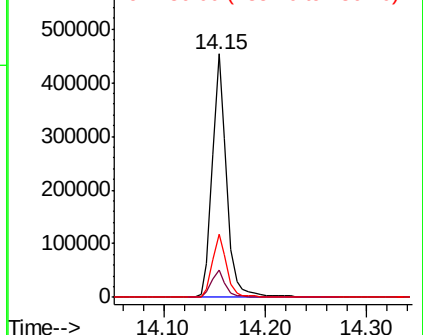
236 25.9 20.7 31.1



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: 63.033 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107636.D

Acq: 24 Jul 2018 23:01

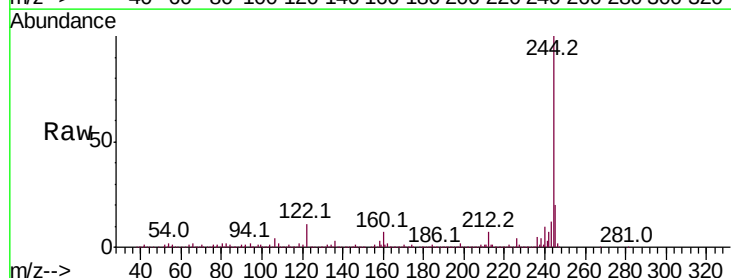
Tgt Ion:244 Resp: 1099669

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

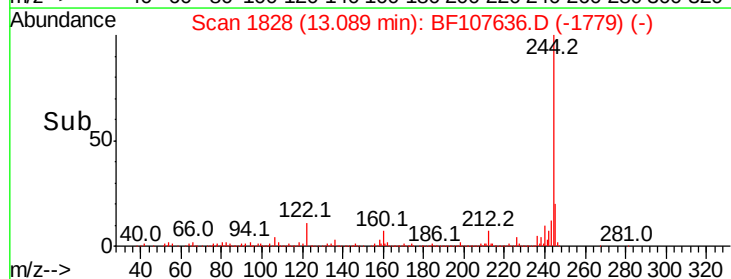
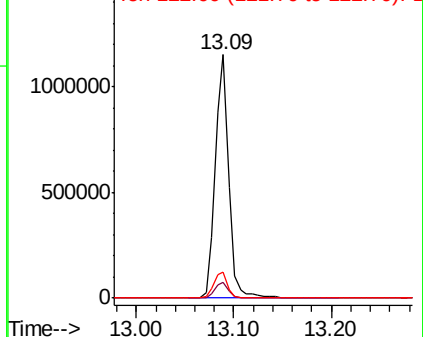
122 10.6 11.0 16.4#

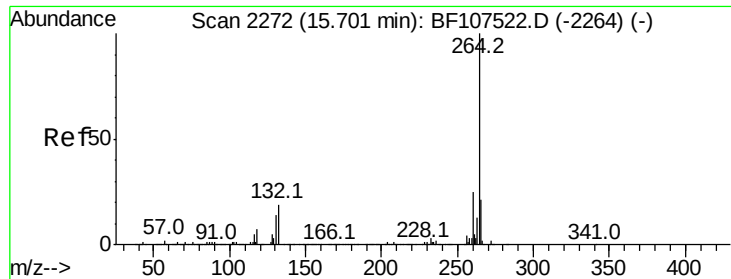


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	17.5	26.3

