

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107424.D
 Acq On : 17 Jul 2018 1:11
 Operator : JU/SJ
 Sample : J3966-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11977

Quant Time: Jul 17 04:18:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

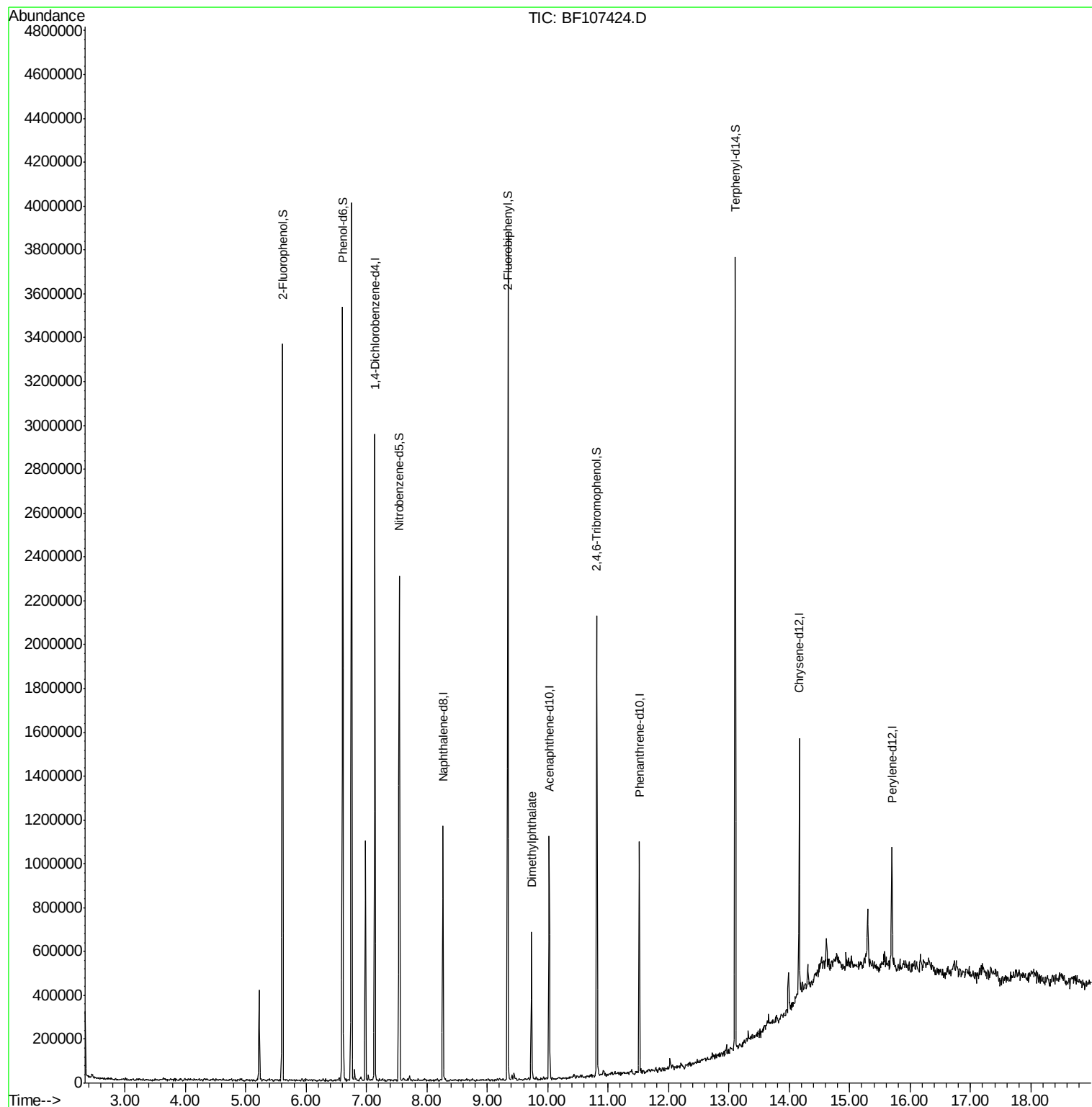
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	373835	20.00	ng	0.16
21) Naphthalene-d8	8.27	136	404877	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	184862	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	364028	20.00	ng	0.00
75) Chrysene-d12	14.17	240	383509	20.00	ng	0.00
86) Perylene-d12	15.70	264	239632	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	820003	33.31	ng	0.02
7) Phenol-d6	6.61	99	1028360	32.31	ng	0.01
23) Nitrobenzene-d5	7.54	82	715891	94.29	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	175534	108.07	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1107757	102.09	ng	0.00
78) Terphenyl-d14	13.11	244	1150716	74.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	202843	13.810	ng	Qvalue # 99

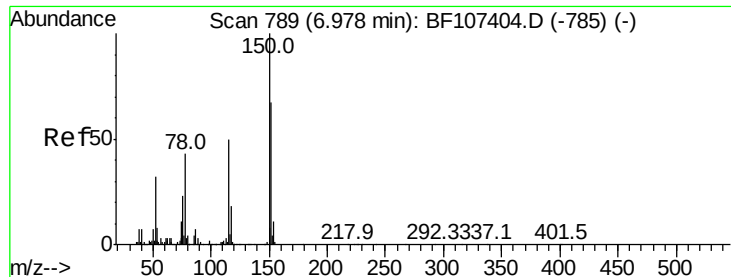
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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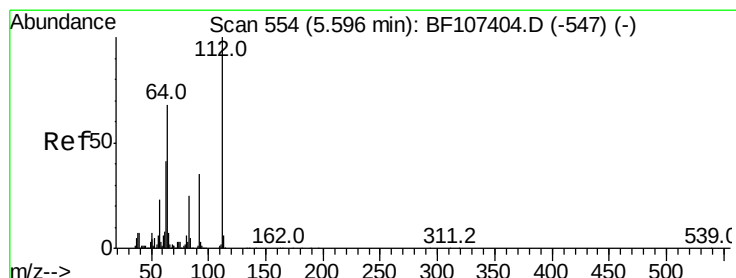
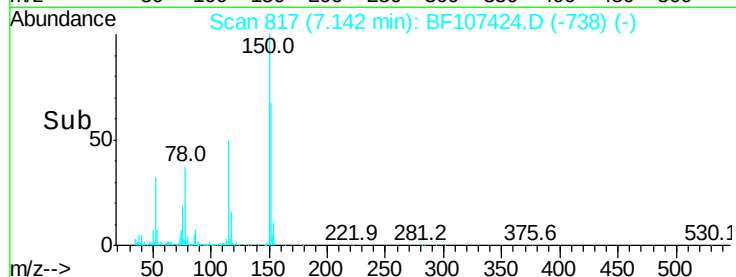
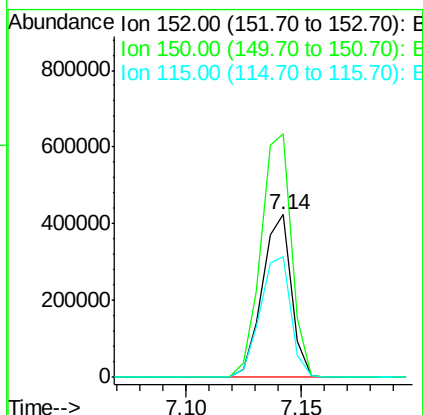
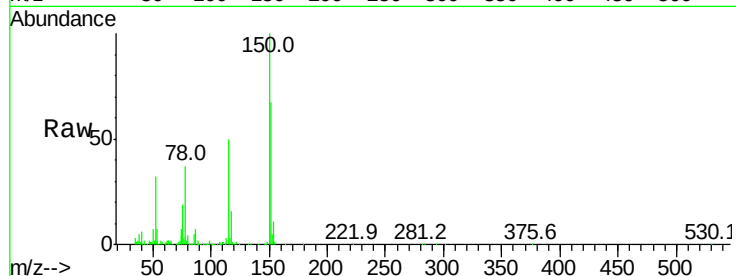


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.16 min
Lab File: BF107424.D
Acq: 17 Jul 2018 1:11

Instrument :
BNA_F
ClientSampleId :
72-11977

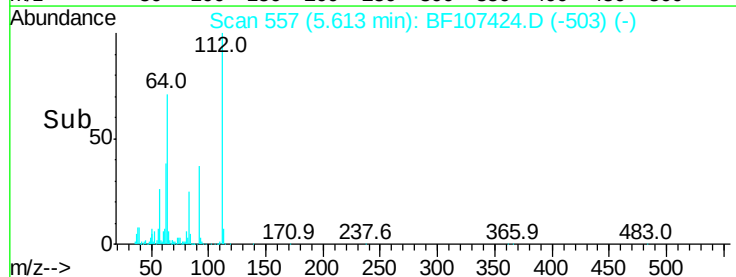
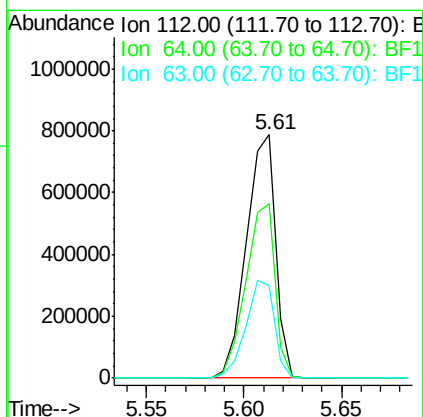
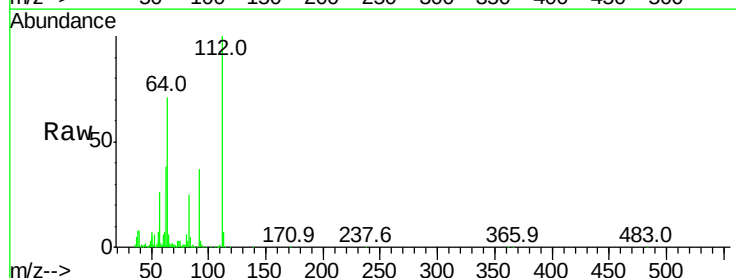
Tot Ion:152 Resp: 373835
Ion Ratio Lower Upper
152 100
150 149.6 124.6 186.8
115 74.3 50.1 75.1

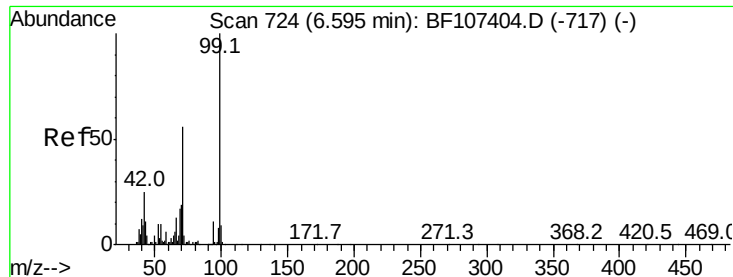


#5

2-Fluorophenol
Concen: 33.313 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF107424.D
Acq: 17 Jul 2018 1:11

Tgt Ion:112 Resp: 820003
Ion Ratio Lower Upper
112 100
64 71.4 47.9 71.9
63 38.2 23.7 35.5#





#7

Phenol-d6

Concen: 32.314 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107424.D

Acq: 17 Jul 2018 1:11

Instrument :

BNA_F

ClientSampleId :

72-11977

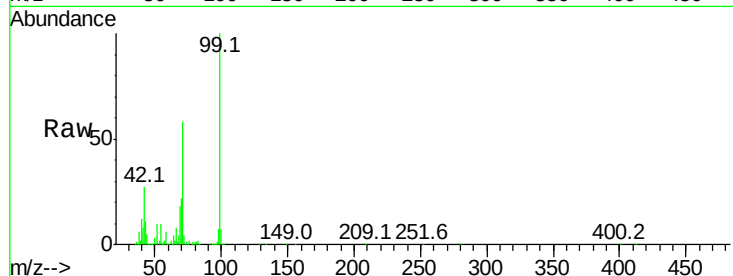
Tot Ion: 99 Resp: 1028360

Ion Ratio Lower Upper

99 100

42 27.2 14.5 21.7#

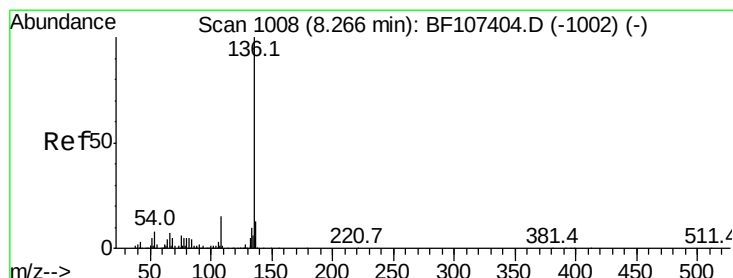
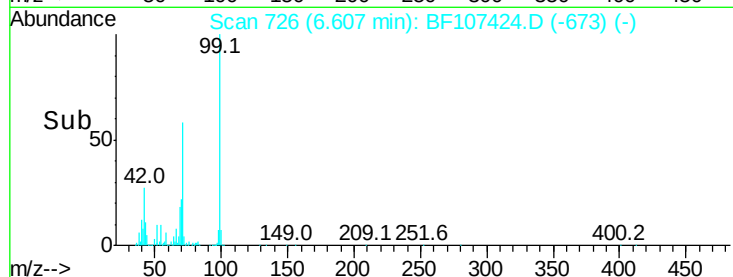
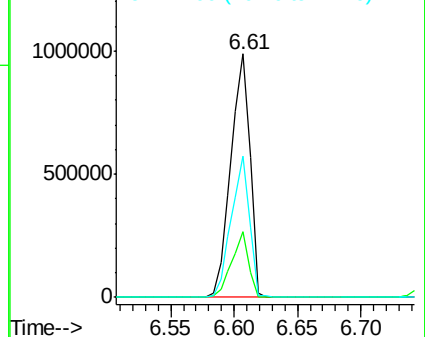
71 57.8 25.4 38.0#



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: 8.27 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF107424.D

Acq: 17 Jul 2018 1:11

Tgt Ion: 136 Resp: 404877

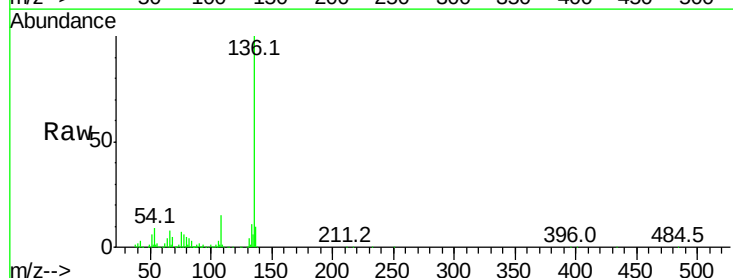
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 8.8 6.6 9.8

68 4.6 5.0 7.4#

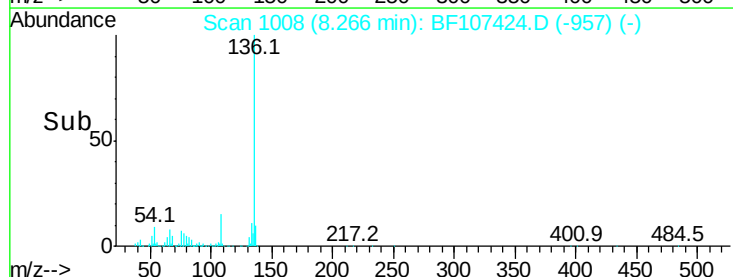
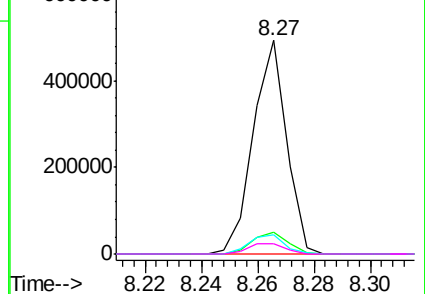


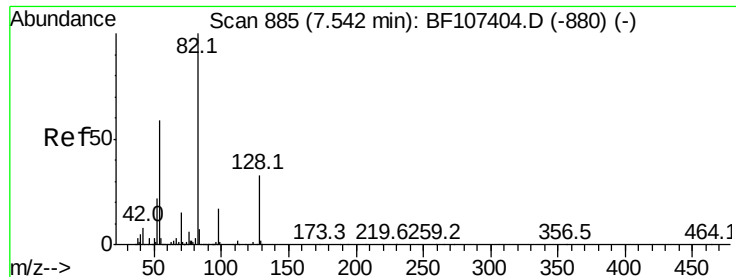
Abundance Ion 136.00 (135.70 to 136.70): E

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

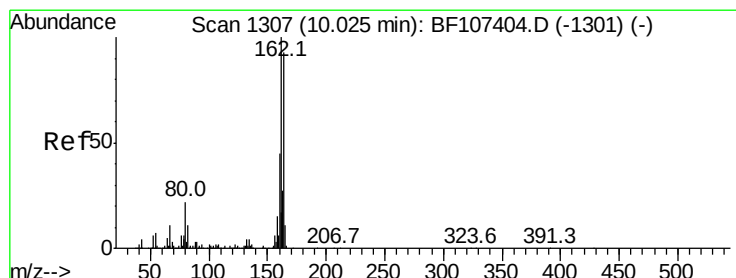
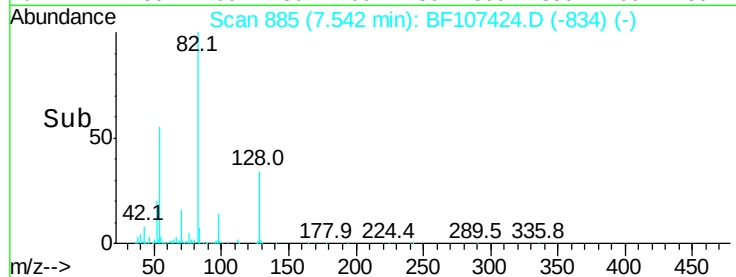
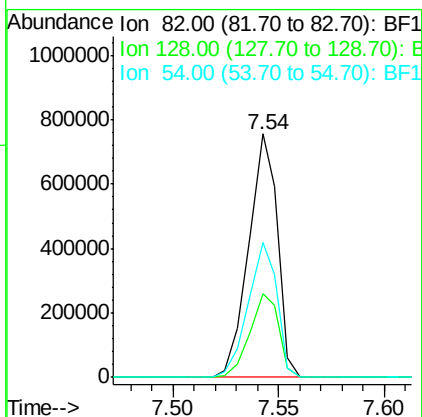
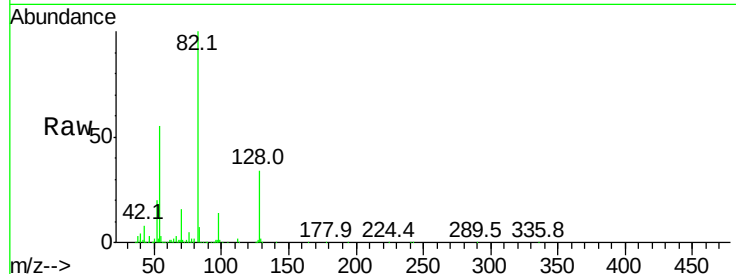




#23
 Nitrobenzene-d5
 Concen: 94.286 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF107424.D
 Acq: 17 Jul 2018 1:11

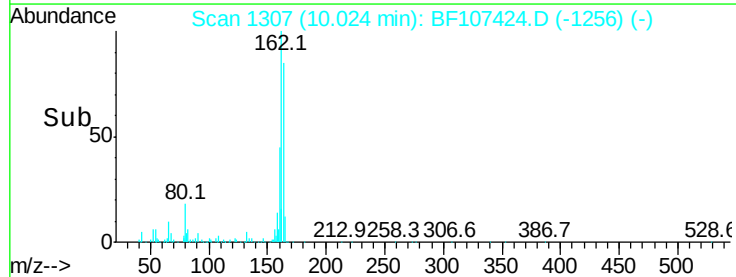
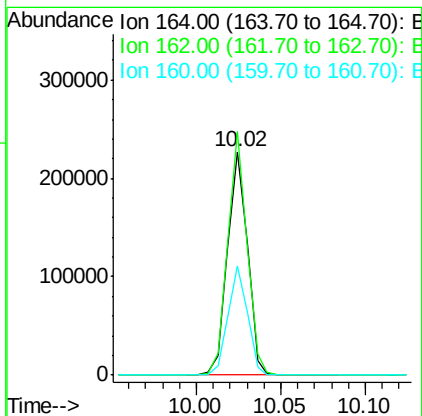
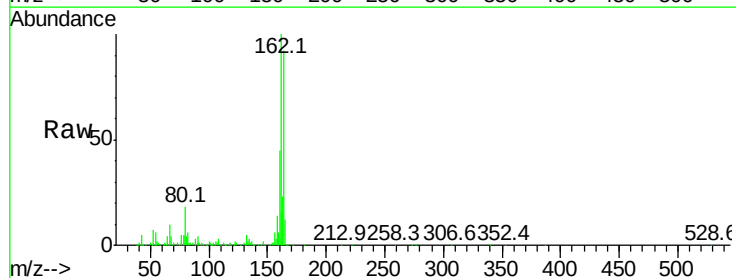
Instrument :
 BNA_F
 ClientSampleId :
 72-11977

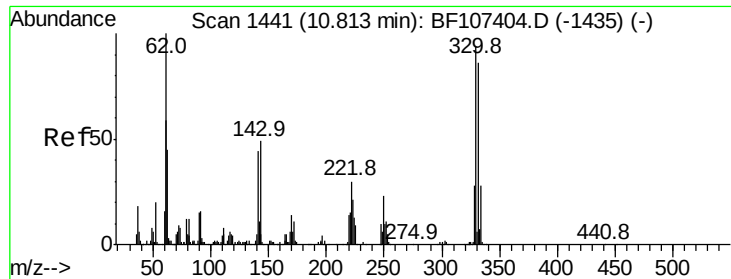
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	36.1	54.1#
54	55.2	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF107424.D
 Acq: 17 Jul 2018 1:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.1	86.1	129.1
160	49.0	38.3	57.5

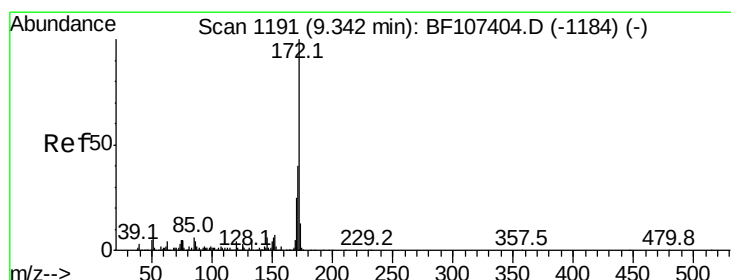
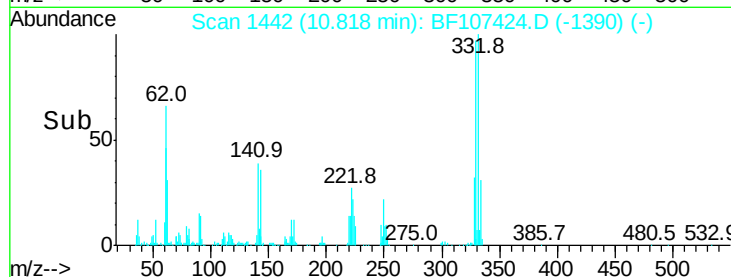
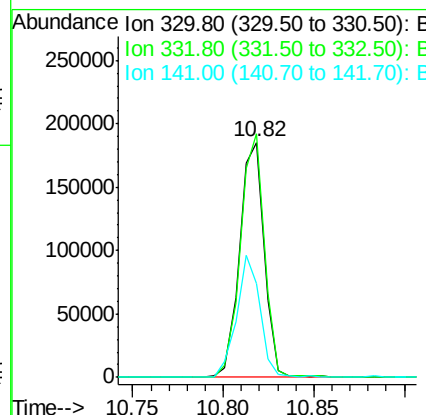
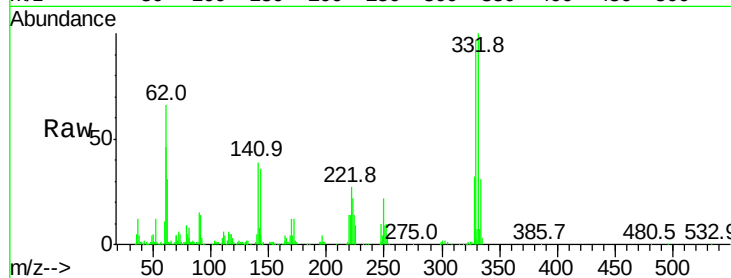




#41
 2,4,6-Tribromophenol
 Concen: 108.072 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF107424.D
 Acq: 17 Jul 2018 1:11

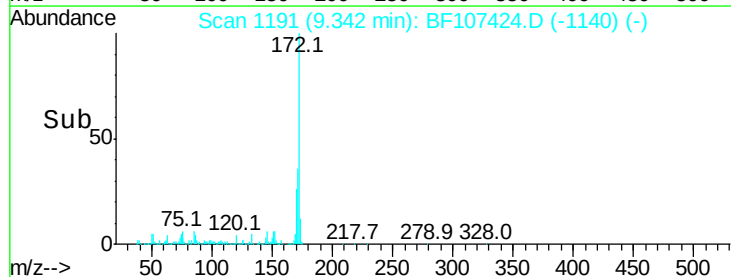
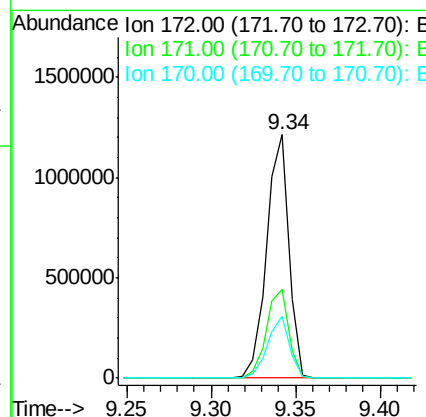
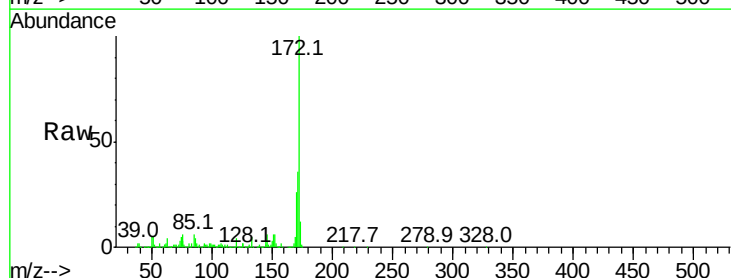
Instrument :
 BNA_F
 ClientSampleId :
 72-11977

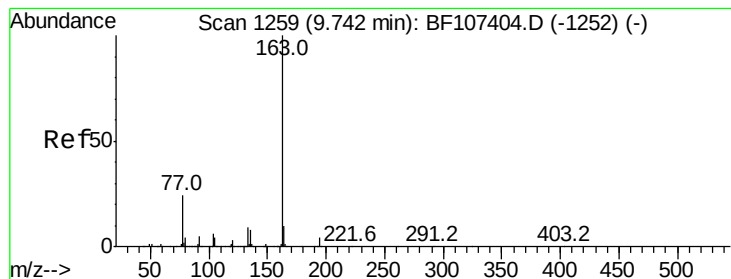
Tot Ion:330 Resp: 175534
 Ion Ratio Lower Upper
 330 100
 332 100.9 77.0 115.6
 141 49.8 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 102.092 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF107424.D
 Acq: 17 Jul 2018 1:11

Tgt Ion:172 Resp: 1107757
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 25.6 19.6 29.4





#49

Dimethylphthalate

Concen: 13.810 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF107424.D

Acq: 17 Jul 2018 1:11

Instrument :

BNA_F

ClientSampleId :

72-11977

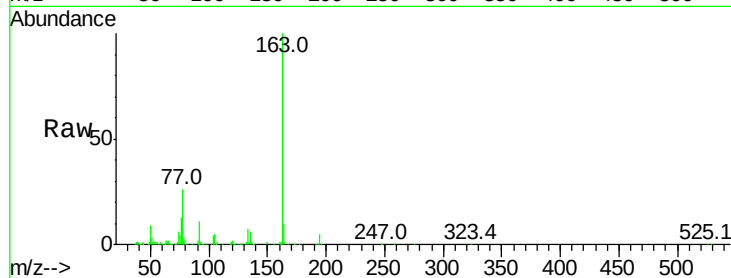
Tot Ion:163 Resp: 202843

Ion Ratio Lower Upper

163 100

194 4.8 2.7 4.1#

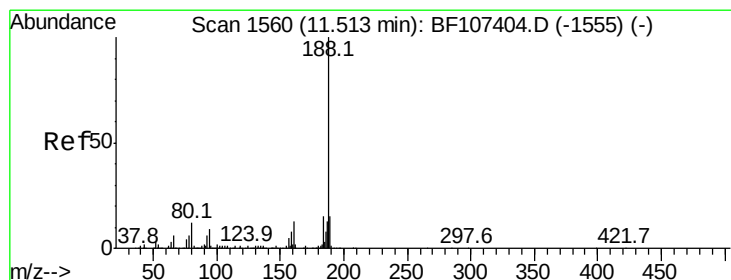
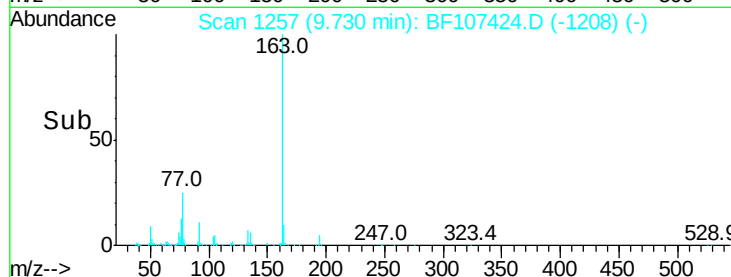
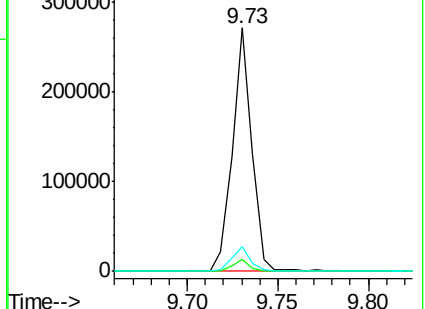
164 10.2 8.2 12.2



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: 11.52 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF107424.D

Acq: 17 Jul 2018 1:11

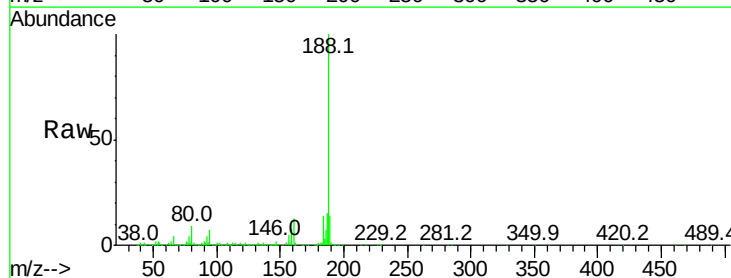
Tgt Ion:188 Resp: 364028

Ion Ratio Lower Upper

188 100

94 6.9 8.5 12.7#

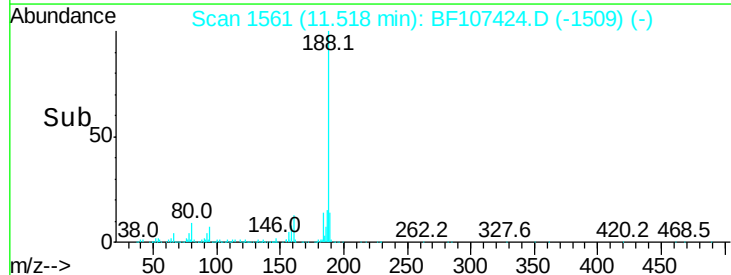
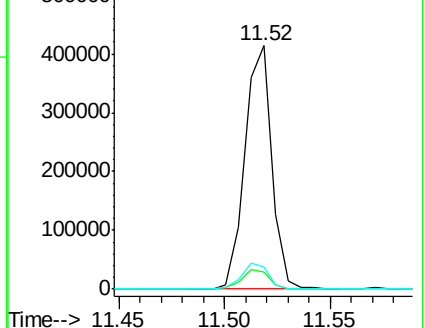
80 9.4 9.2 13.8

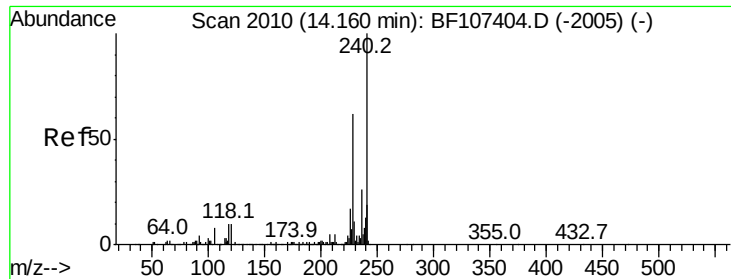


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF107424.D

Acq: 17 Jul 2018 1:11

Instrument :

BNA_F

ClientSampleId :

72-11977

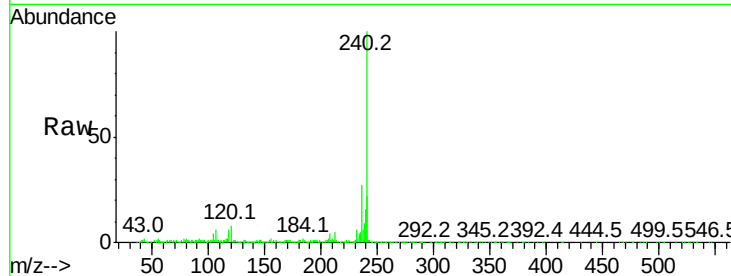
Tot Ion:240 Resp: 383509

Ion Ratio Lower Upper

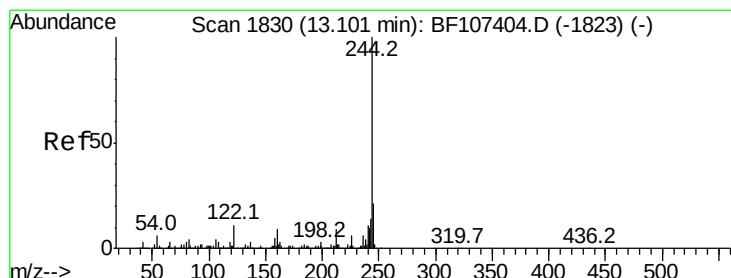
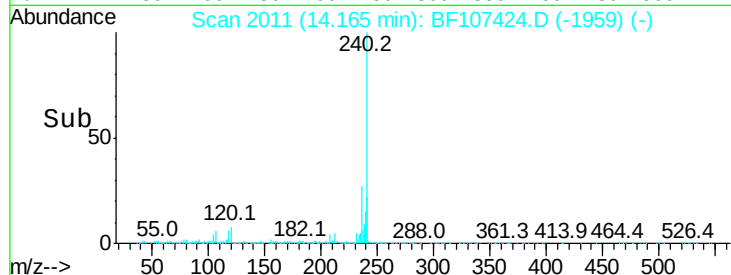
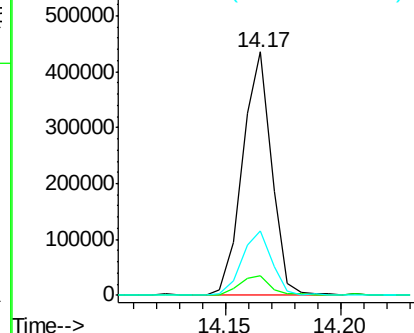
240 100

120 8.1 9.5 14.3#

236 26.7 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: 74.550 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF107424.D

Acq: 17 Jul 2018 1:11

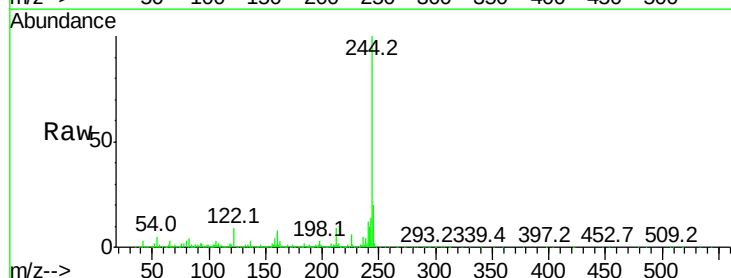
Tgt Ion:244 Resp: 1150716

Ion Ratio Lower Upper

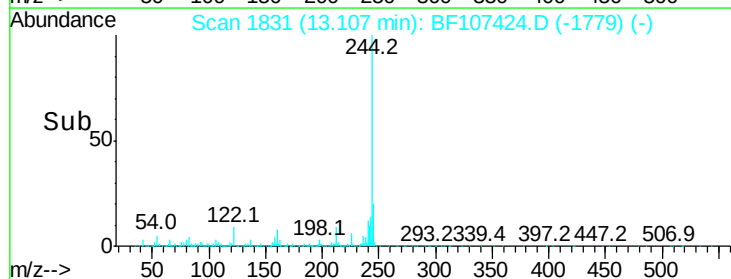
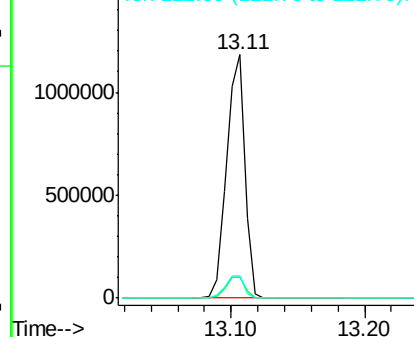
244 100

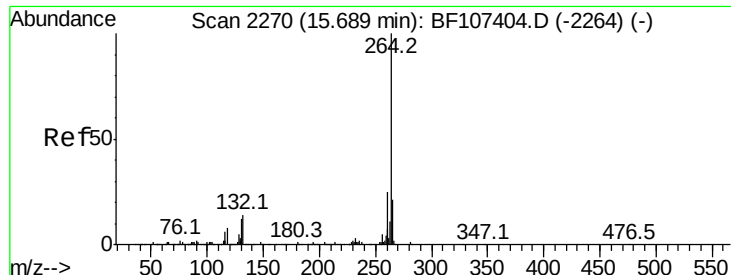
212 8.8 5.4 8.0#

122 9.1 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: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF107424.D
Acq: 17 Jul 2018 1:11

Instrument :
BNA_F
ClientSampleId :
72-11977

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.4	17.5	26.3

