

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107419.D
 Acq On : 16 Jul 2018 22:55
 Operator : JU/SJ
 Sample : J3545-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3

Quant Time: Jul 17 02:25:10 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

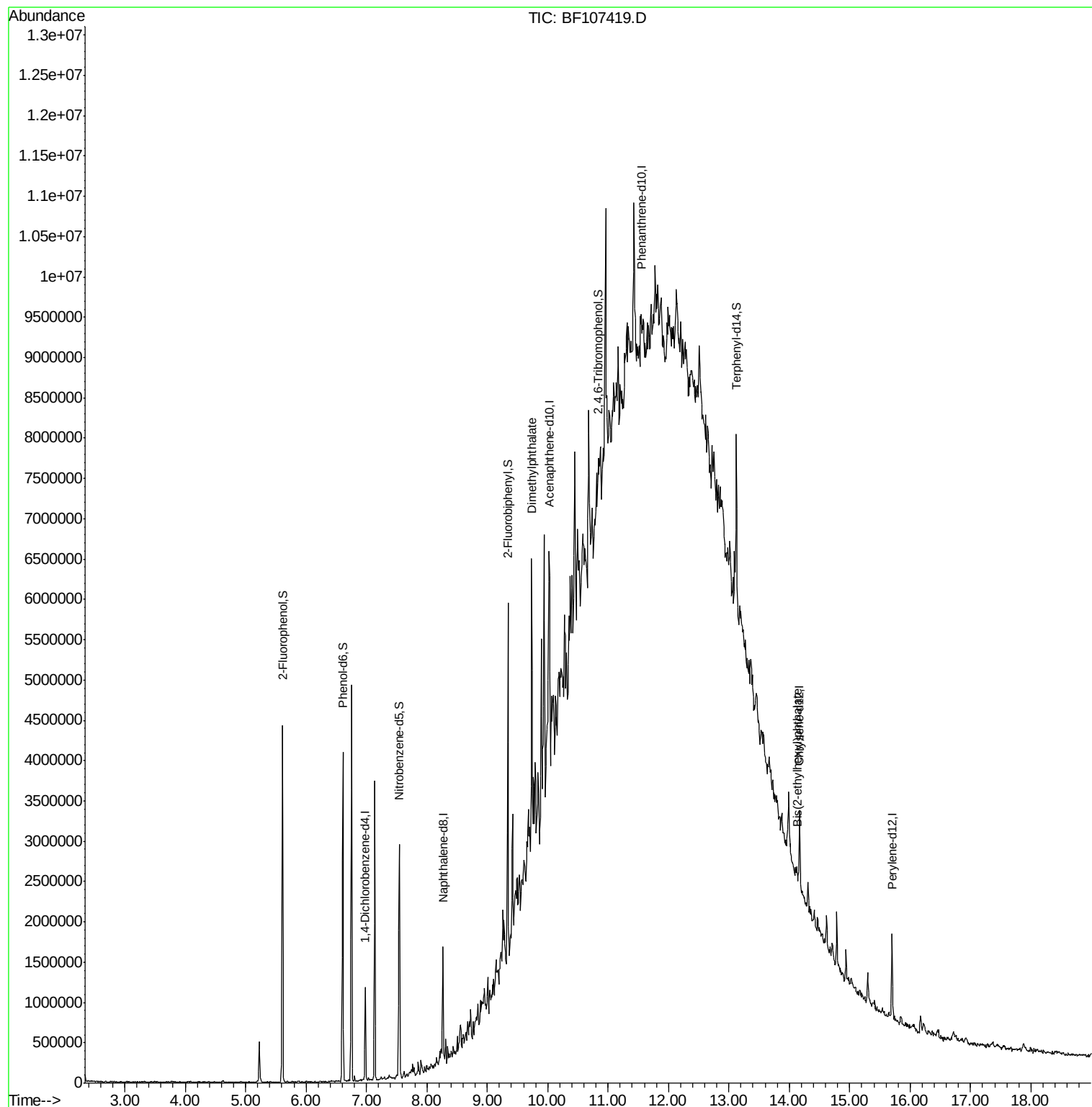
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	143048	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	492096	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	164077	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	207558	20.00	ng	0.03
75) Chrysene-d12	14.17	240	348592	20.00	ng	0.01
86) Perylene-d12	15.70	264	383020	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1056403	112.16	ng	0.02
7) Phenol-d6	6.61	99	1338301	109.90	ng	0.02
23) Nitrobenzene-d5	7.54	82	983163	106.54	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	164339	114.00	ng	0.02
44) 2-Fluorobiphenyl	9.34	172	1315509	140.80	ng	0.00
78) Terphenyl-d14	13.12	244	971208	69.22	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.74	163	121073	9.287	ng	# 61
83) Bis(2-ethylhexyl)phthalate	14.13	149	56474	4.564	ng	# 91

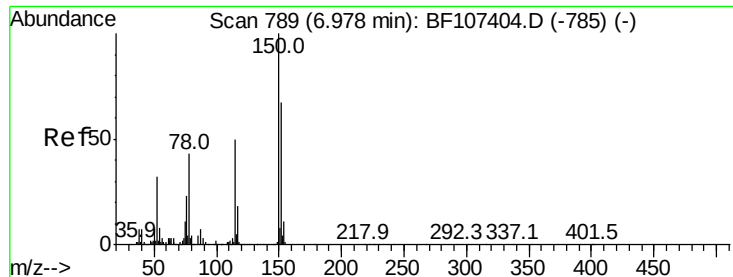
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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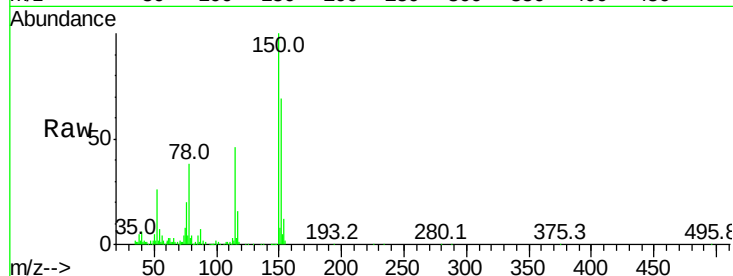


#1

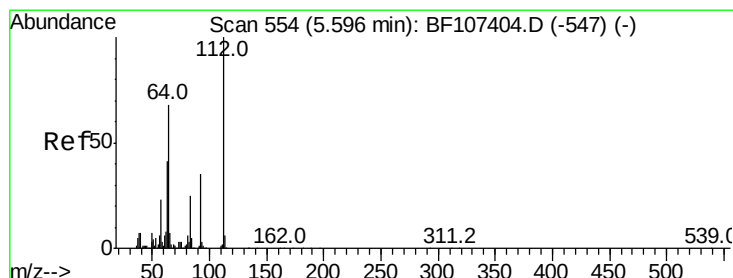
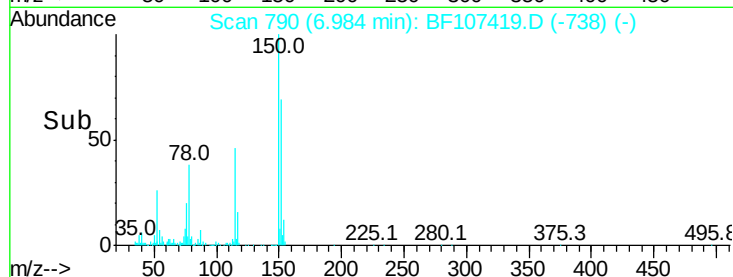
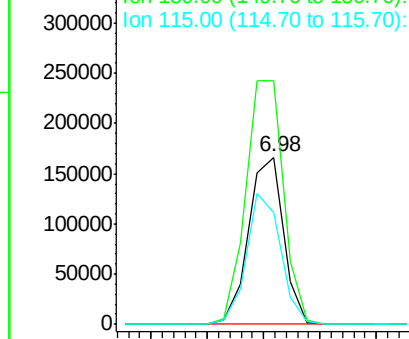
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DRUM-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	124.6	186.8
115	66.9	50.1	75.1



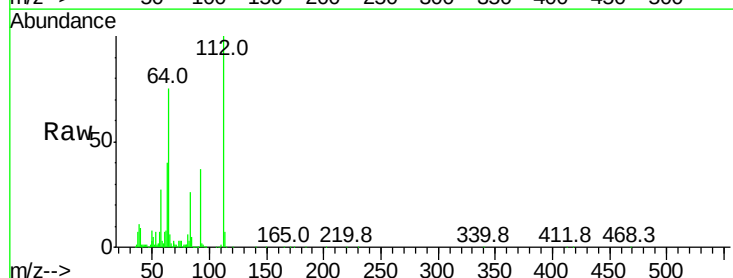
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



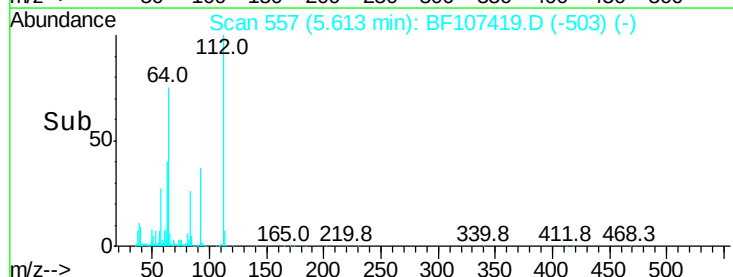
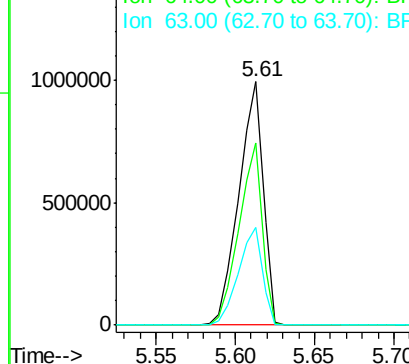
#5

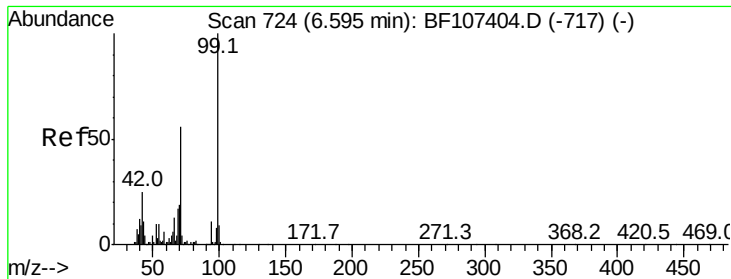
2-Fluorophenol
Concen: 112.158 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	47.9	71.9#
63	40.1	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: 109.900 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampled :

DRUM-3

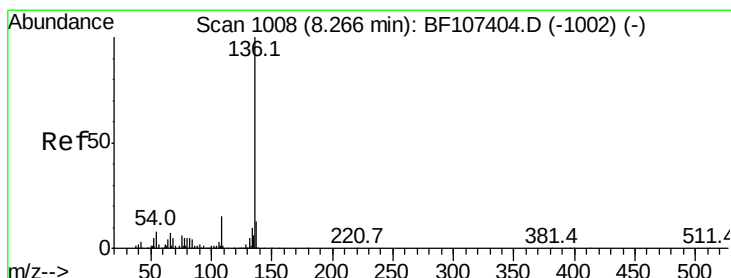
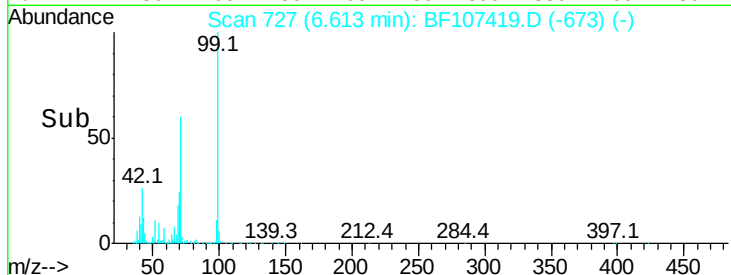
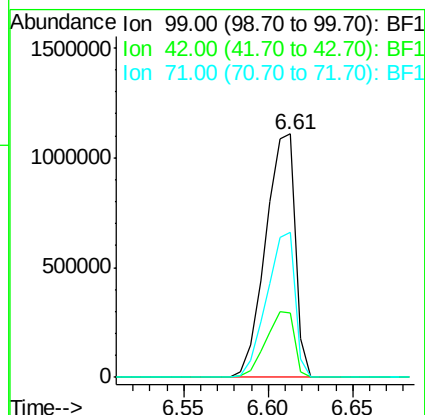
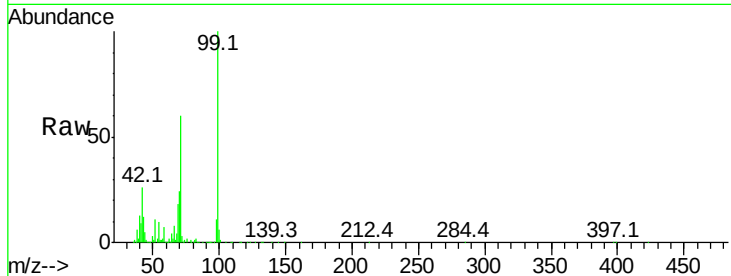
Tot Ion: 99 Resp: 1338301

Ion Ratio Lower Upper

99 100

42 26.3 14.5 21.7#

71 59.7 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Tgt Ion: 136 Resp: 492096

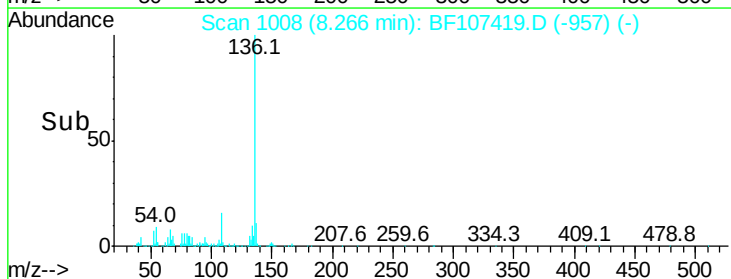
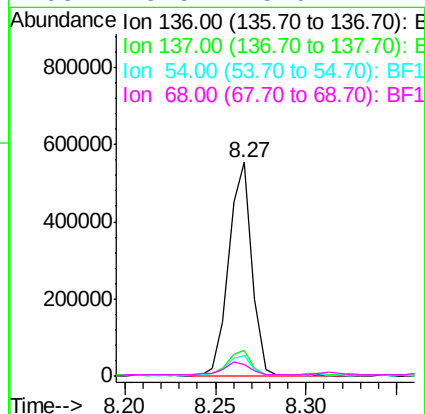
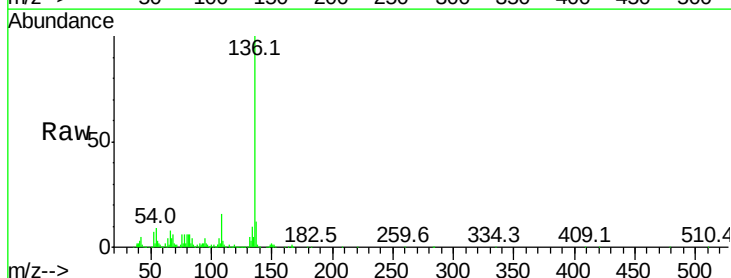
Ion Ratio Lower Upper

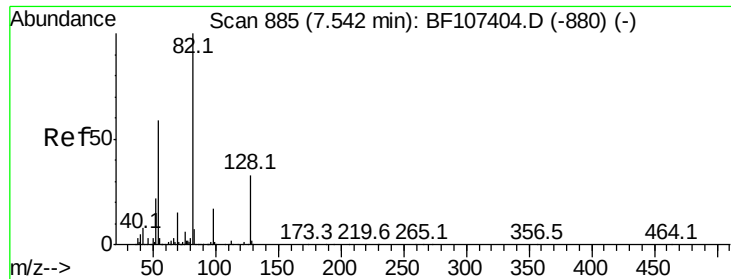
136 100

137 11.9 8.9 13.3

54 9.4 6.6 9.8

68 5.5 5.0 7.4

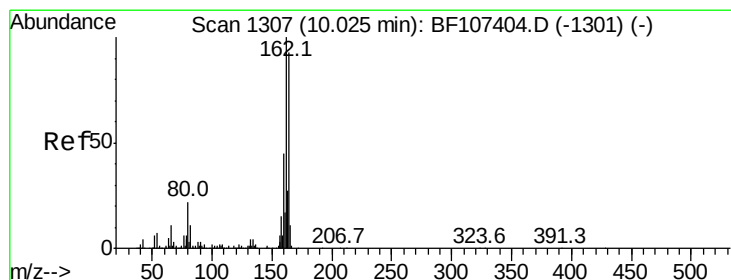
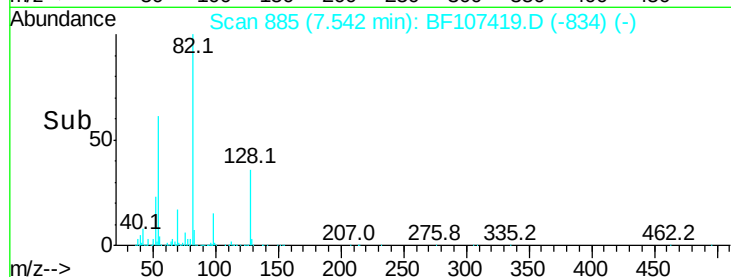
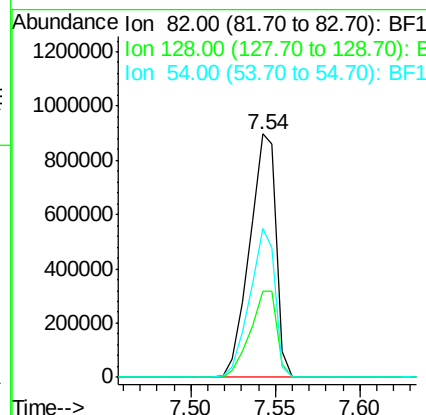
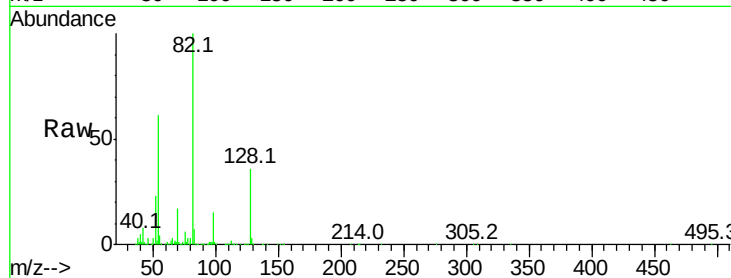




#23
 Nitrobenzene-d5
 Concen: 106.537 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF107419.D
 Acq: 16 Jul 2018 22:55

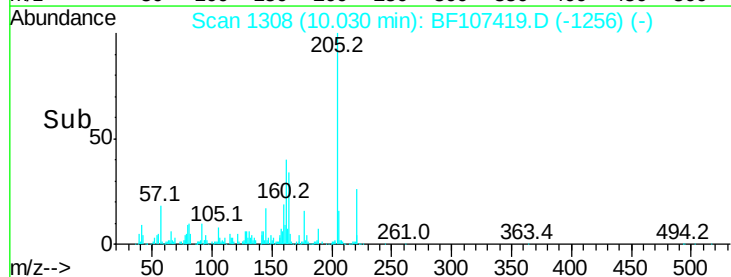
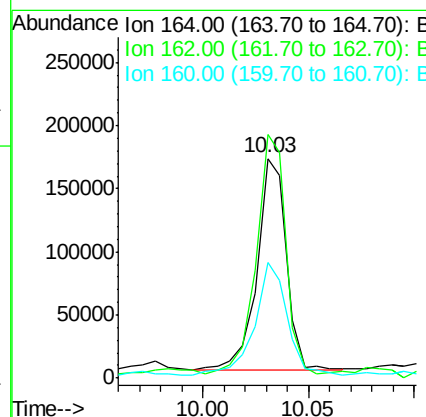
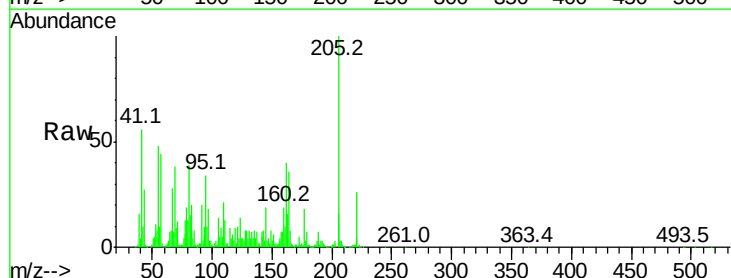
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3

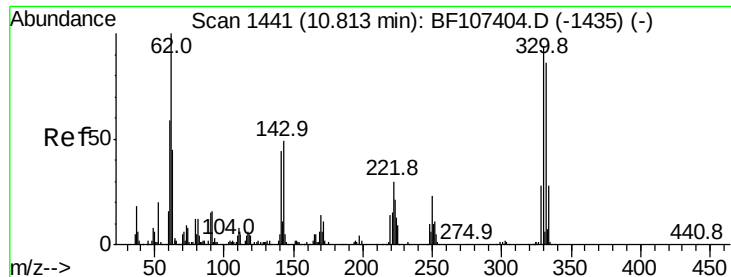
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	36.1	54.1#
54	61.0	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF107419.D
 Acq: 16 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.7	86.1	129.1
160	52.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 113.997 ng

RT: 10.83 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

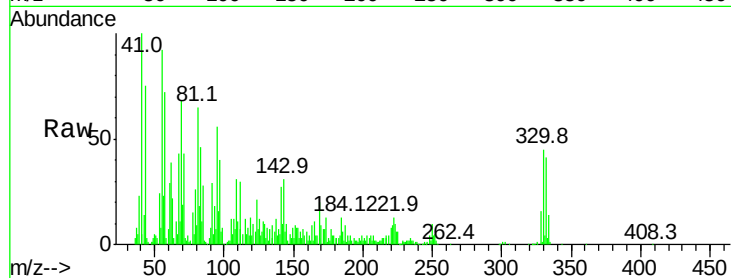
Tot Ion:330 Resp: 164339

Ion Ratio Lower Upper

330 100

332 90.7 77.0 115.6

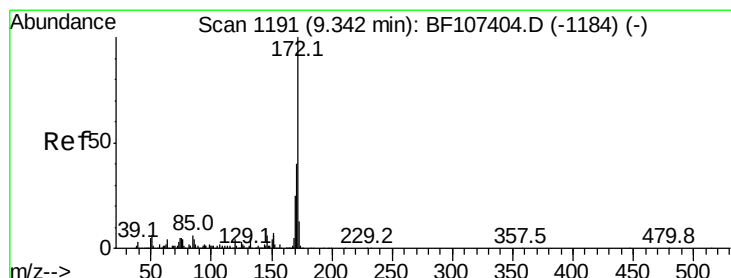
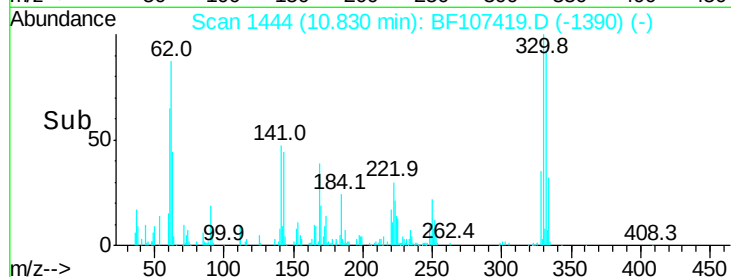
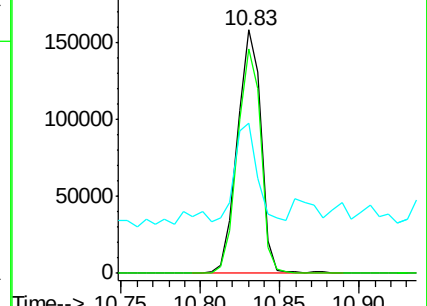
141 36.8 29.9 44.9



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: 140.797 ng

RT: 9.34 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

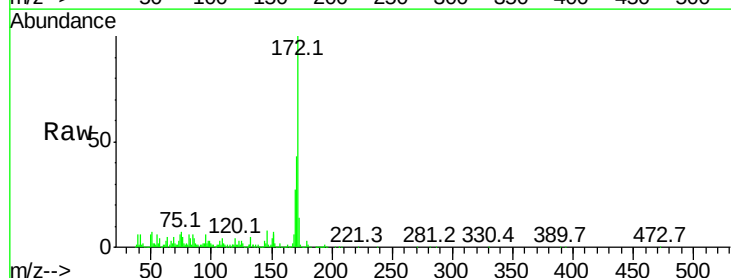
Tgt Ion:172 Resp: 1315509

Ion Ratio Lower Upper

172 100

171 42.8 29.7 44.5

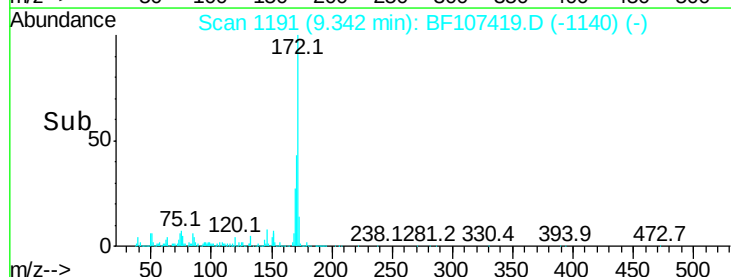
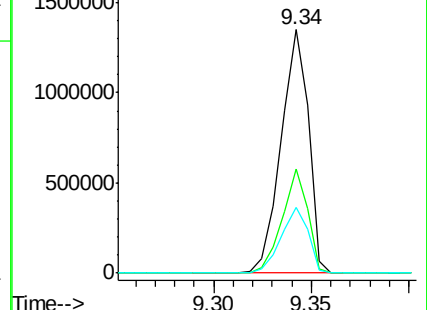
170 26.8 19.6 29.4

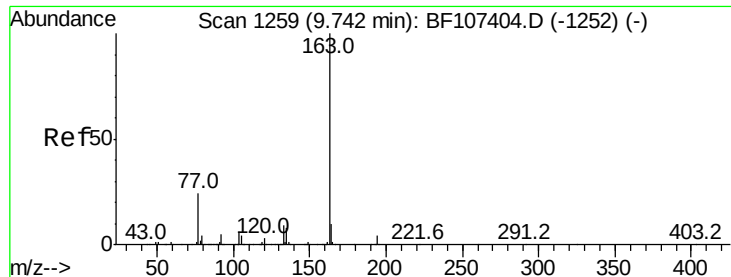


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.287 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

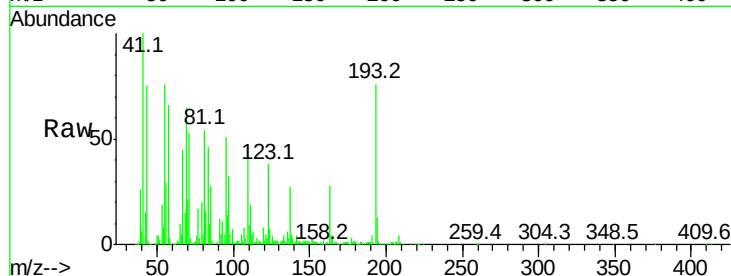
Tot Ion:163 Resp: 121073

Ion Ratio Lower Upper

163 100

194 46.8 2.7 4.1#

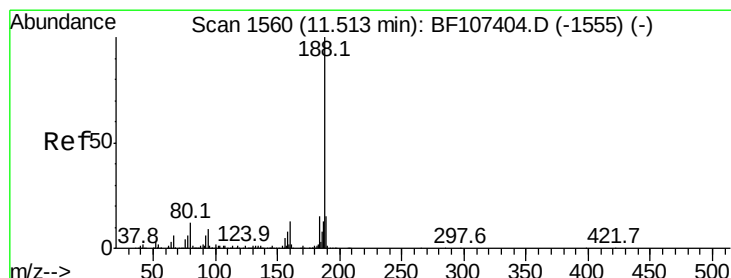
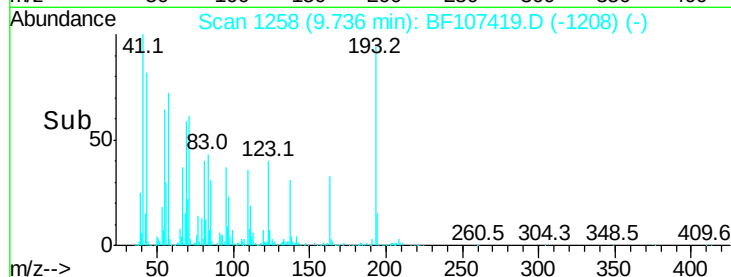
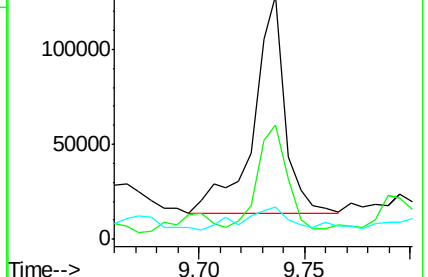
164 13.5 8.2 12.2#



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: 11.54 min Scan# 1565

Delta R.T. 0.03 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

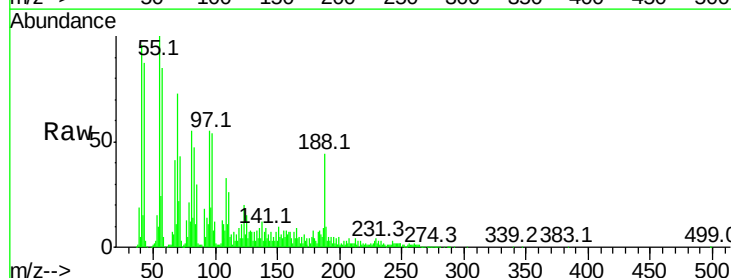
Tgt Ion:188 Resp: 207558

Ion Ratio Lower Upper

188 100

94 25.3 8.5 12.7#

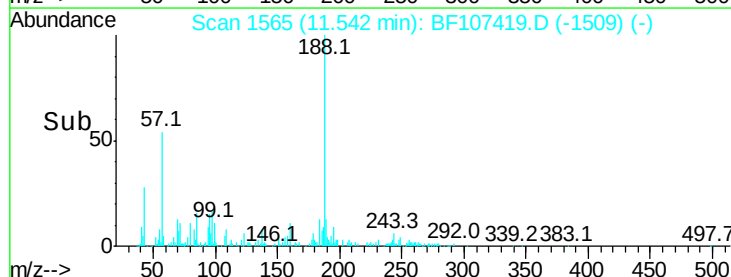
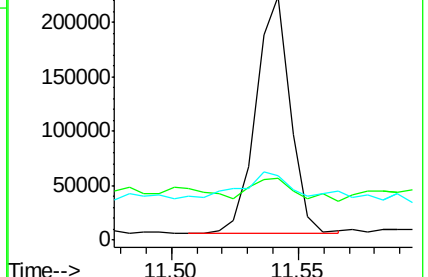
80 26.5 9.2 13.8#

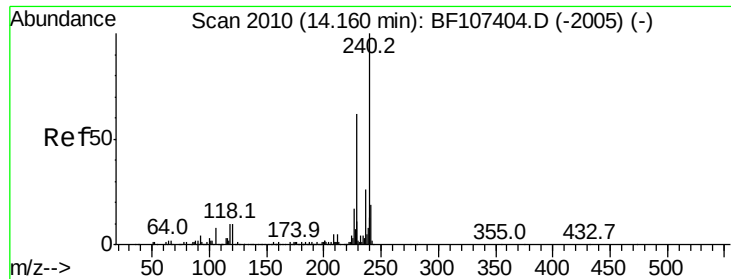


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2012

Delta R.T. 0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

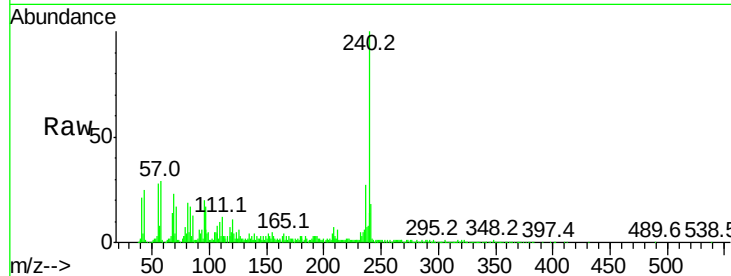
Tot Ion:240 Resp: 348592

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

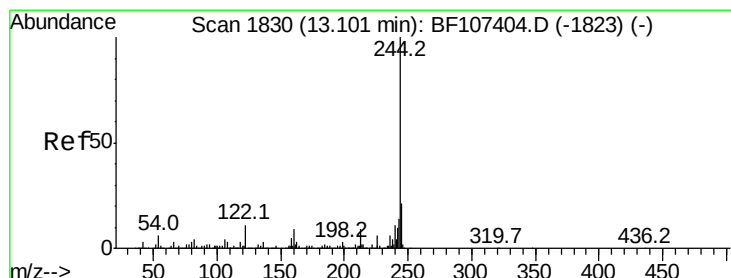
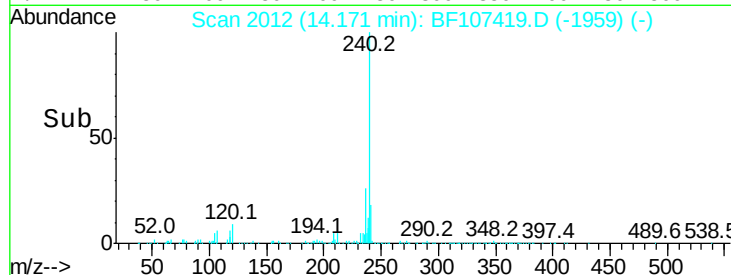
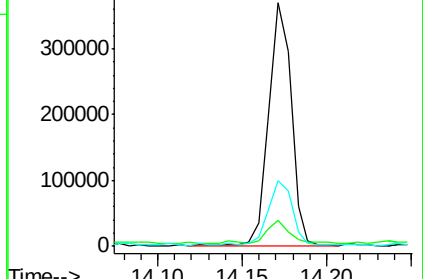
236 26.8 20.7 31.1



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: 69.223 ng

RT: 13.12 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

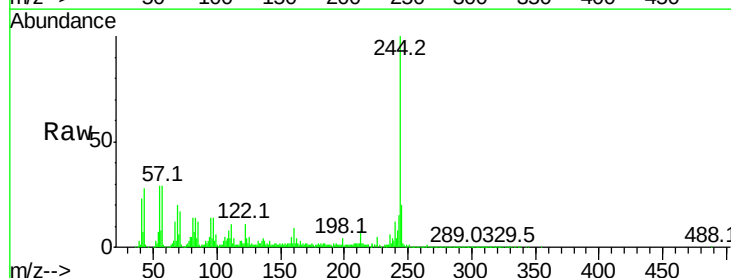
Tgt Ion:244 Resp: 971208

Ion Ratio Lower Upper

244 100

212 8.5 5.4 8.0#

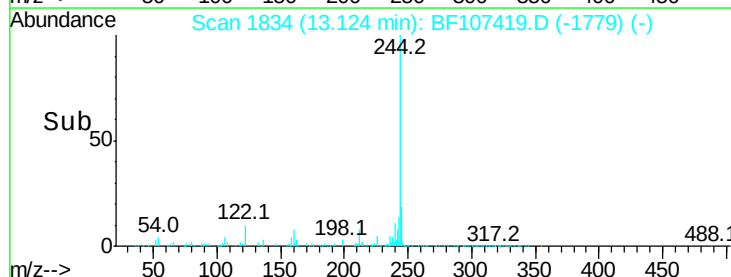
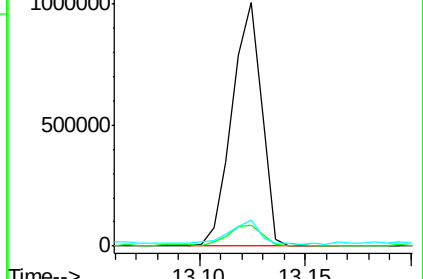
122 10.6 11.0 16.4#

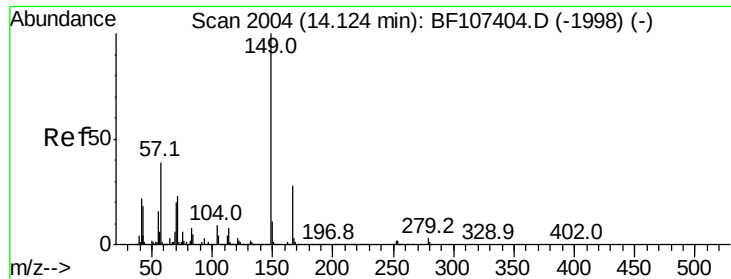


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.564 ng

RT: 14.13 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

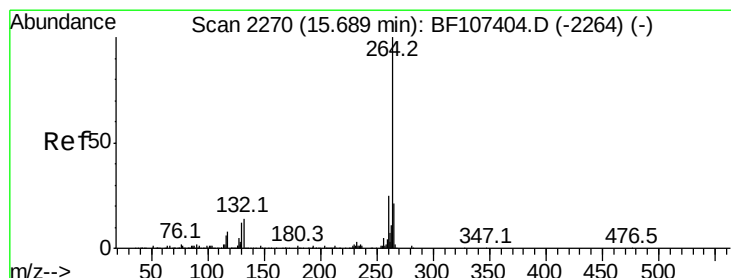
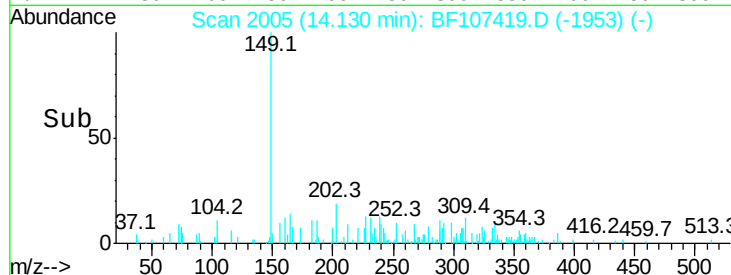
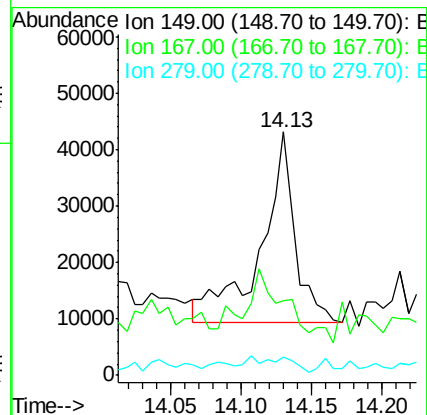
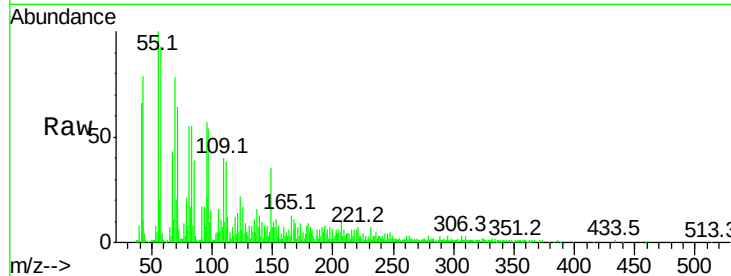
Tot Ion:149 Resp: 56474

Ion Ratio Lower Upper

149 100

167 30.9 21.3 31.9

279 7.6 3.0 4.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Tgt Ion:264 Resp: 383020

Ion Ratio Lower Upper

264 100

260 27.9 19.2 28.8

265 19.8 17.5 26.3

