

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107944.D
 Acq On : 3 Aug 2018 18:11
 Operator : JU/SJ
 Sample : J4316-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OW-2-4

Quant Time: Aug 03 23:45:37 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

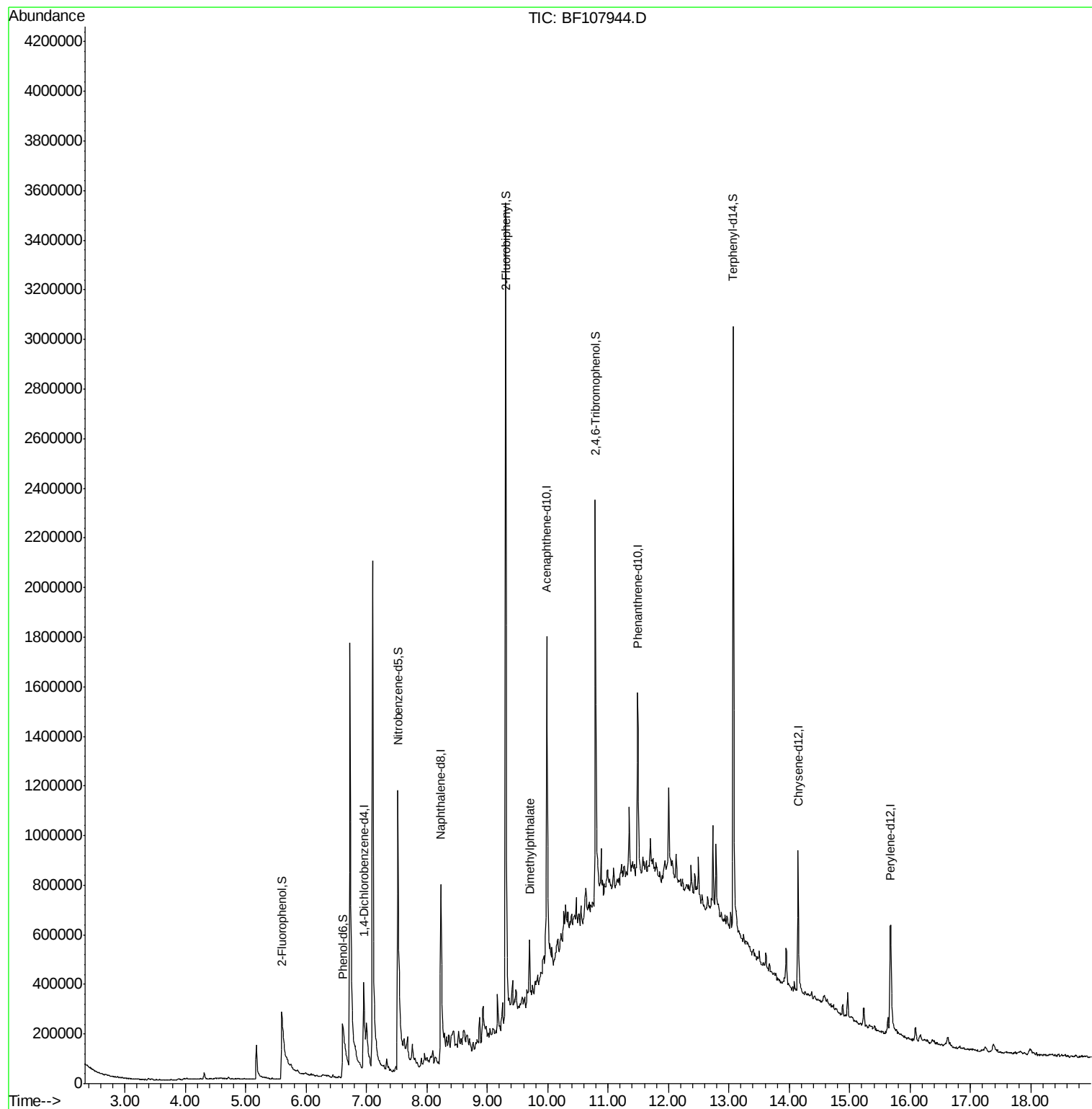
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	135601	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	616559	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	250405	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	458901	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	305330	20.00	ng	-0.01
86) Perylene-d12	15.68	264	357965	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	330156	41.38	ng	0.00
7) Phenol-d6	6.61	99	350150	33.30	ng	0.00
23) Nitrobenzene-d5	7.52	82	829914	77.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	389446	114.46	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1565564	87.12	ng	-0.01
78) Terphenyl-d14	13.07	244	1169806	83.08	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	144714	7.695	ng	Qvalue 99

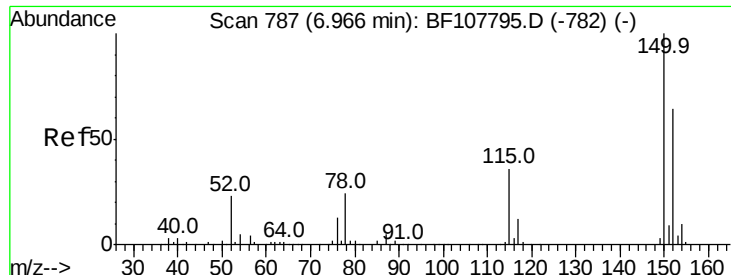
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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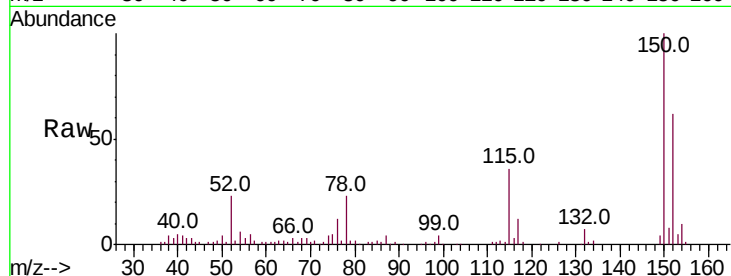


#1

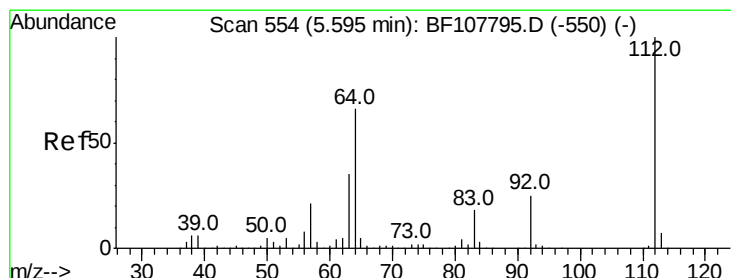
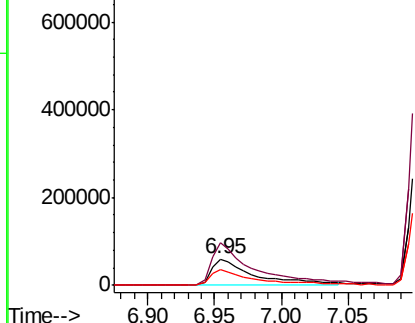
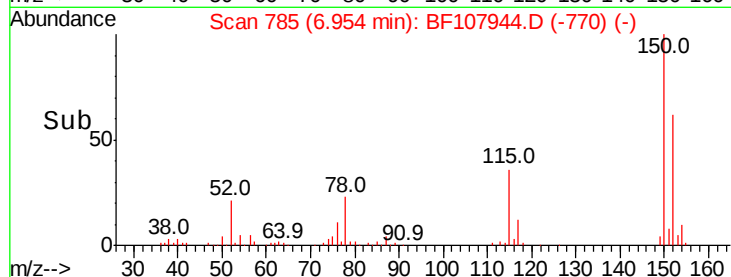
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107944.D
Acq: 3 Aug 2018 18:11

Instrument :
BNA_F
ClientSampleId :
OW-2-4

Tot Ion:152 Resp: 135601
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 58.4 50.1 75.1



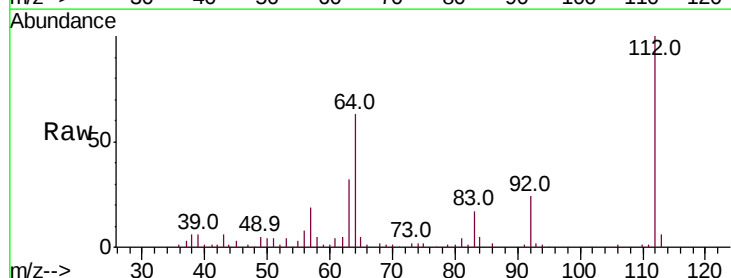
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



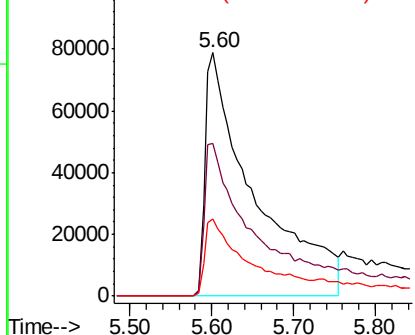
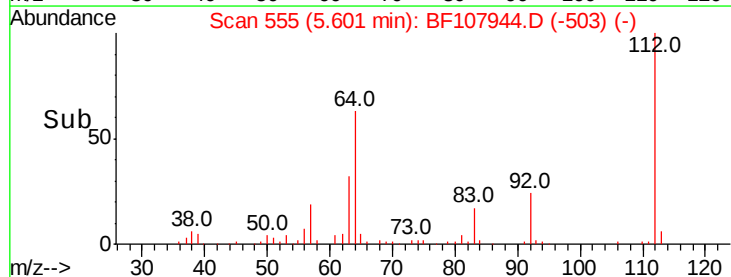
#5

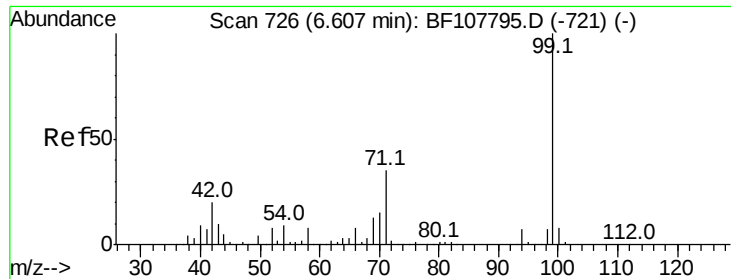
2-Fluorophenol
Concen: 41.380 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107944.D
Acq: 3 Aug 2018 18:11

Tgt Ion:112 Resp: 330156
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 31.6 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: 33.299 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107944.D

Acq: 3 Aug 2018 18:11

Instrument :

BNA_F

ClientSampleId :

OW-2-4

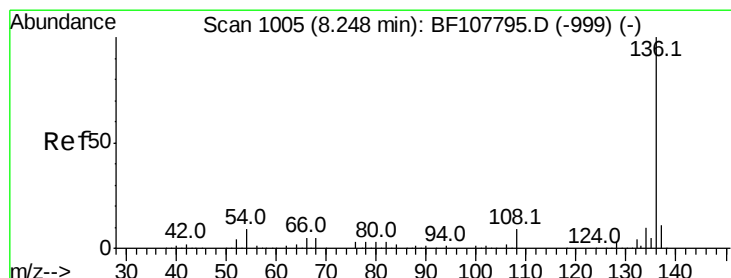
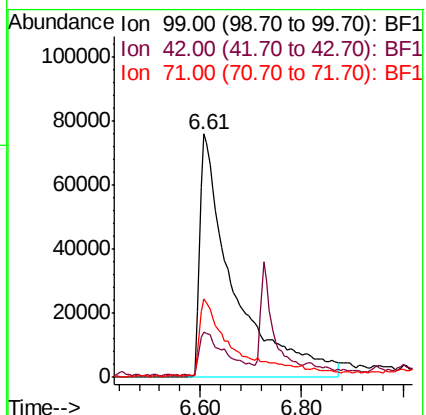
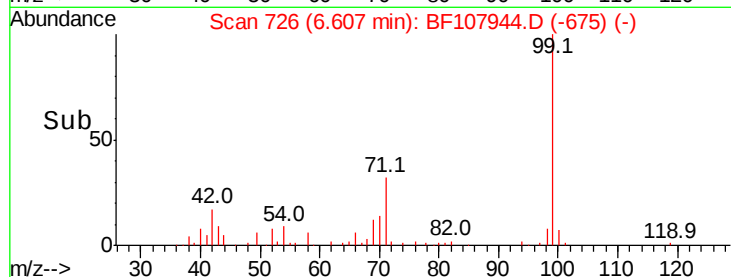
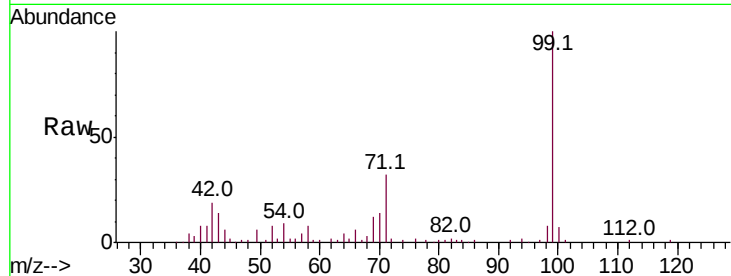
Tot Ion: 99 Resp: 350150

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 32.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107944.D

Acq: 3 Aug 2018 18:11

Tgt Ion: 136 Resp: 616559

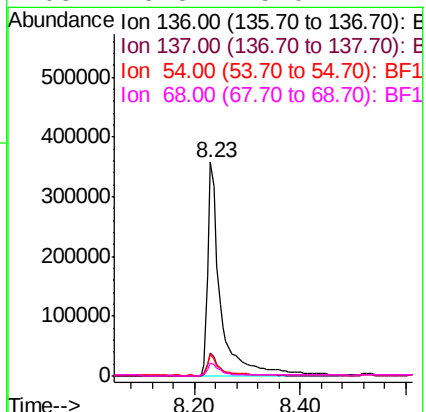
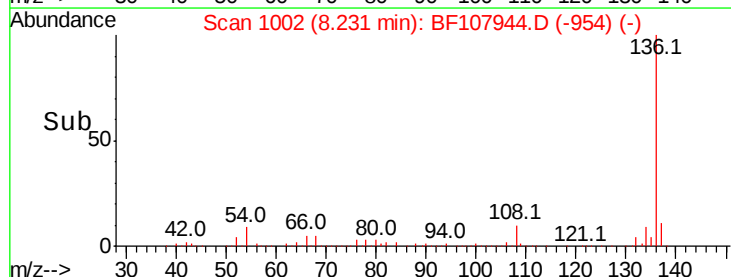
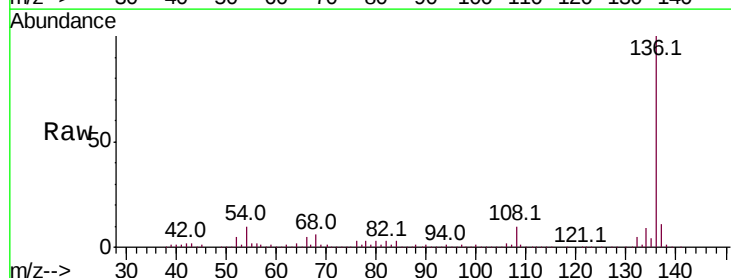
Ion Ratio Lower Upper

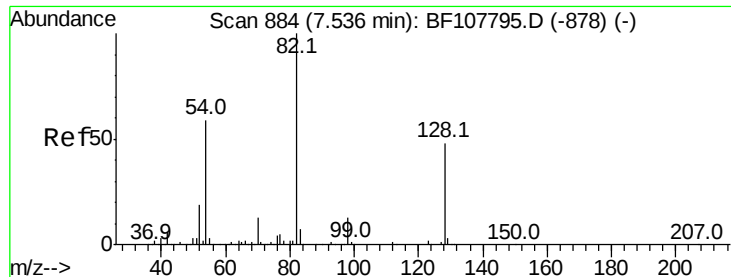
136 100

137 10.8 8.9 13.3

54 10.0 6.6 9.8#

68 5.8 5.0 7.4

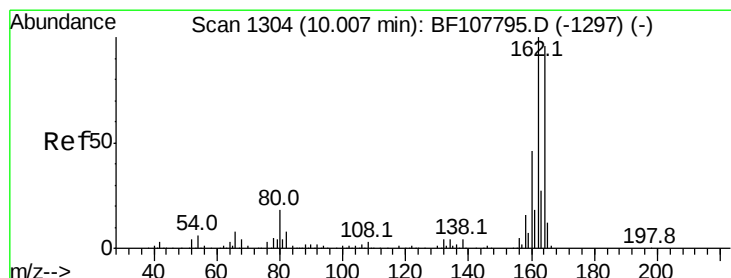
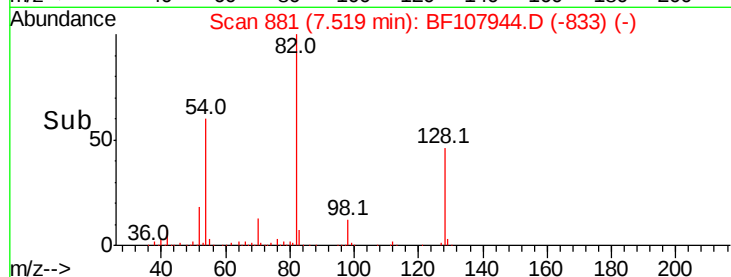
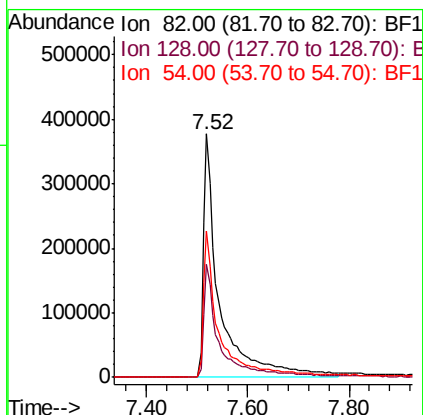
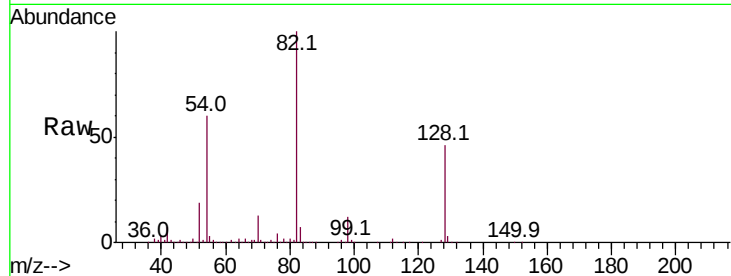




#23
Nitrobenzene-d5
Concen: 77.546 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107944.D
Acq: 3 Aug 2018 18:11

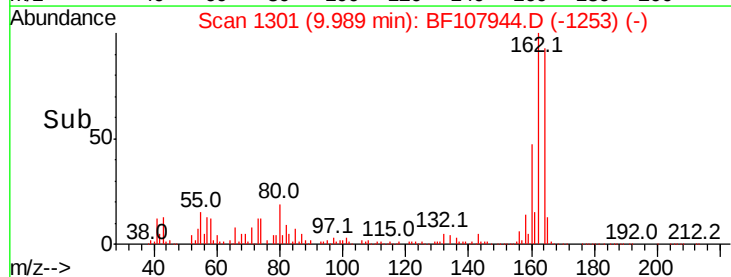
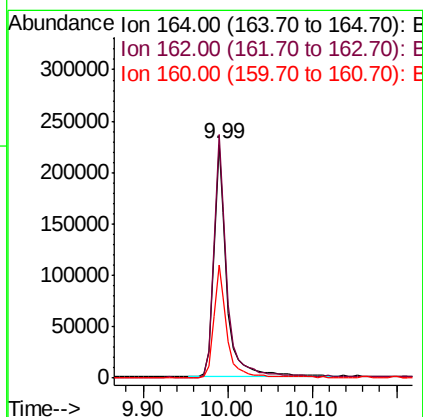
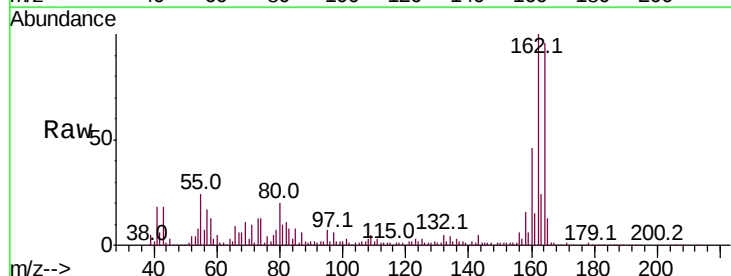
Instrument :
BNA_F
ClientSampled :
OW-2-4

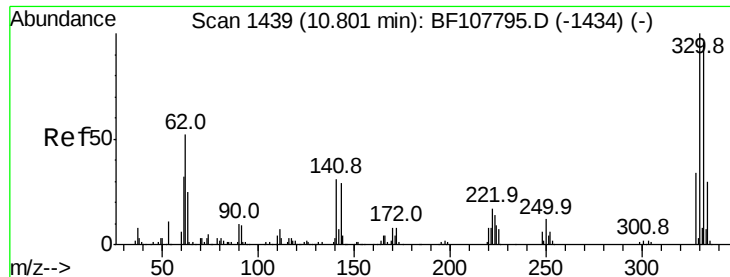
Tot Ion: 82 Resp: 829914
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 60.3 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107944.D
Acq: 3 Aug 2018 18:11

Tgt Ion:164 Resp: 250405
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 48.4 38.3 57.5

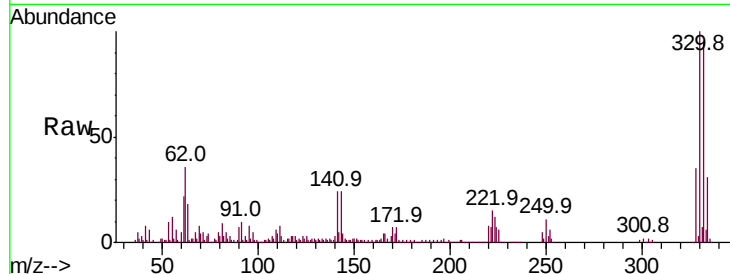




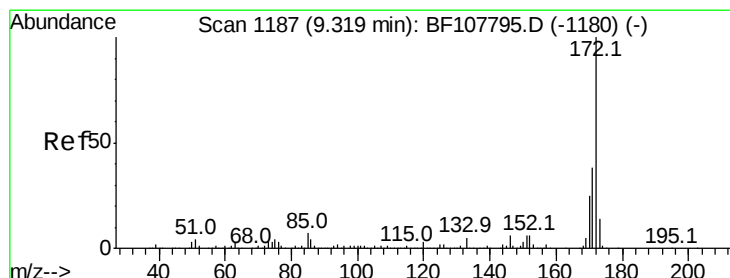
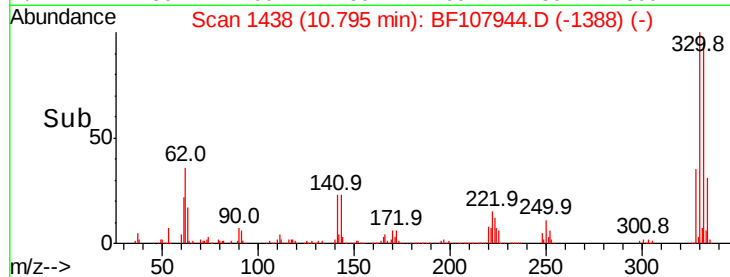
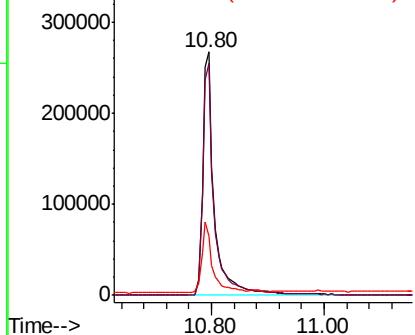
#41
 2,4,6-Tribromophenol
 Concen: 114.459 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107944.D
 Acq: 3 Aug 2018 18:11

Instrument :
 BNA_F
 ClientSampleId :
 OW-2-4

Tot Ion:330 Resp: 389446
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 26.8 29.9 44.9#

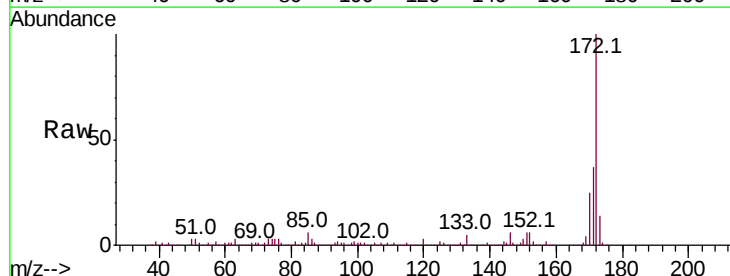


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

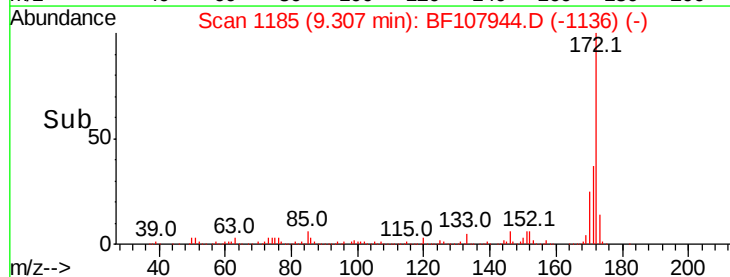
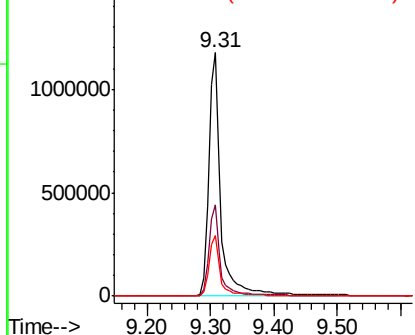


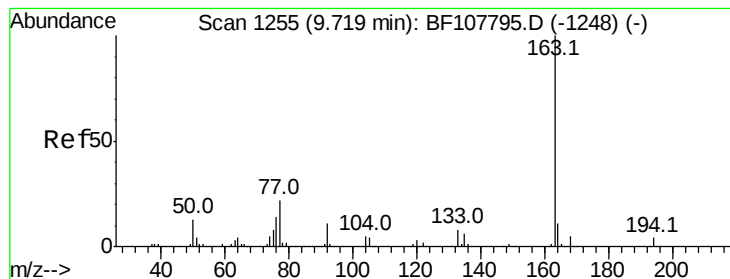
#44
 2-Fluorobiphenyl
 Concen: 87.123 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107944.D
 Acq: 3 Aug 2018 18:11

Tgt Ion:172 Resp: 1565564
 Ion Ratio Lower Upper
 172 100
 171 37.4 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: 7.695 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107944.D

Acq: 3 Aug 2018 18:11

Instrument :

BNA_F

ClientSampleId :

OW-2-4

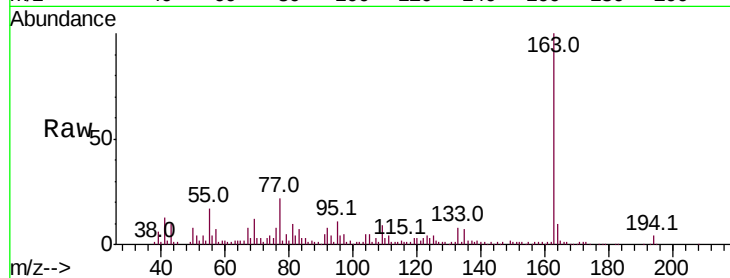
Tot Ion:163 Resp: 144714

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

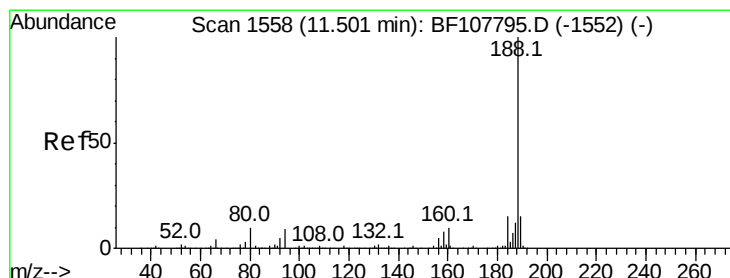
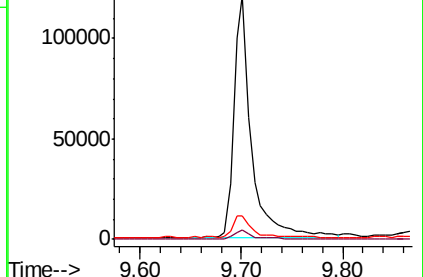
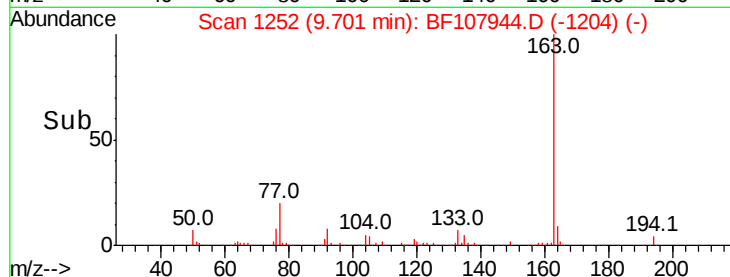
164 9.8 8.2 12.2



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: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF107944.D

Acq: 3 Aug 2018 18:11

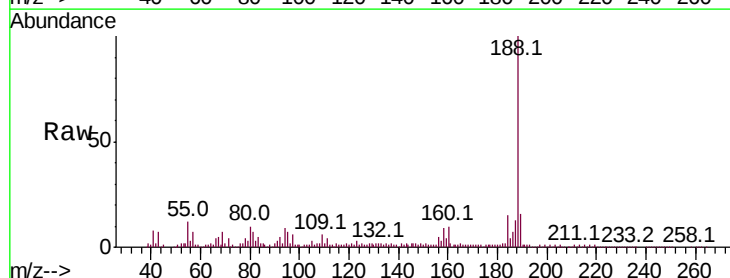
Tgt Ion:188 Resp: 458901

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

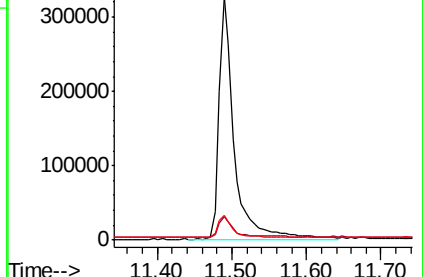
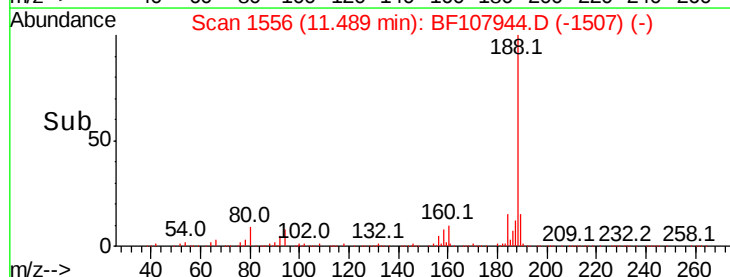
80 10.2 9.2 13.8

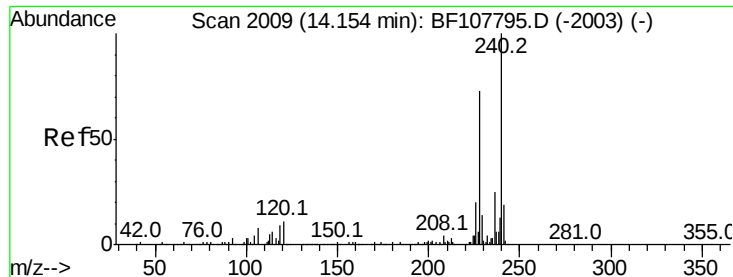


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107944.D

Acq: 3 Aug 2018 18:11

Instrument :

BNA_F

ClientSampleId :

OW-2-4

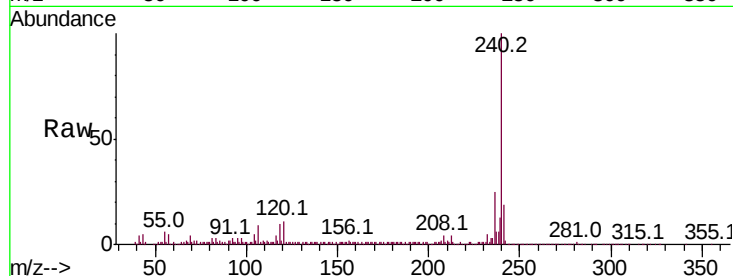
Tot Ion:240 Resp: 305330

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

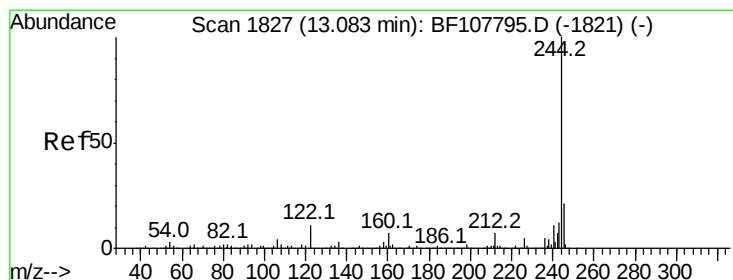
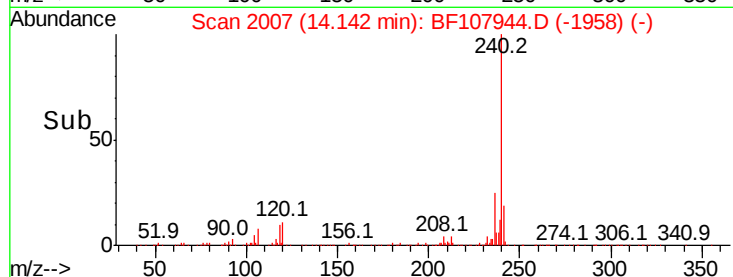
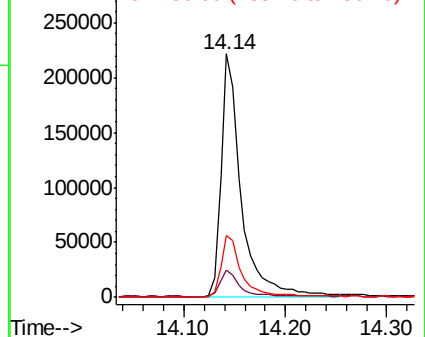
236 25.2 20.7 31.1



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: 83.079 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107944.D

Acq: 3 Aug 2018 18:11

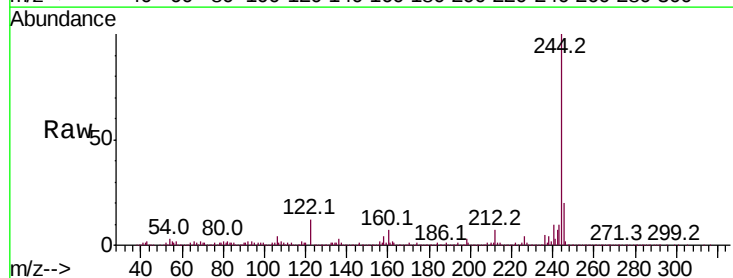
Tgt Ion:244 Resp: 1169806

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

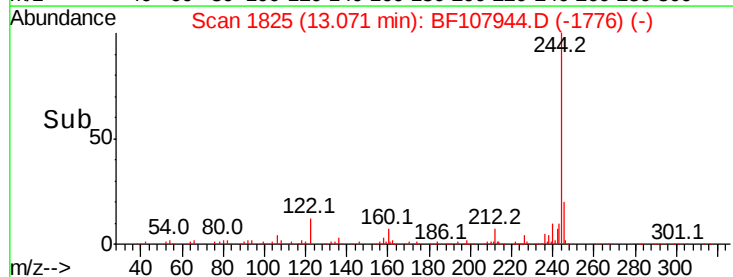
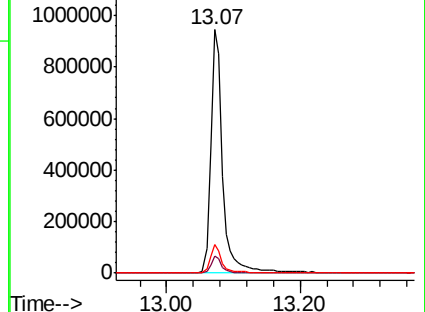
122 12.0 11.0 16.4

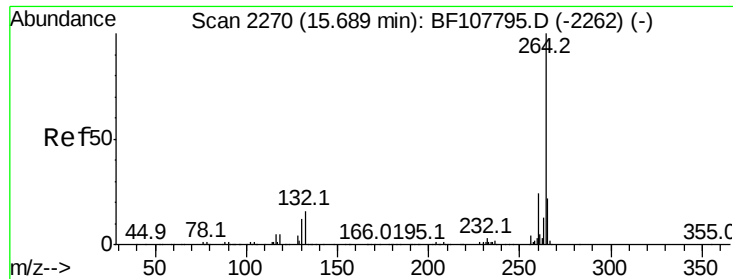


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2268
Delta R.T. -0.01 min
Lab File: BF107944.D
Acq: 3 Aug 2018 18:11

Instrument :
BNA_F
ClientSampleId :
OW-2-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3

