

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107498.D
 Acq On : 19 Jul 2018 6:43
 Operator : JU/SJ
 Sample : J4027-06 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-4-159

Quant Time: Jul 19 08:18:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	115265	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	431114	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	224626	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	399061	20.00	ng	0.00
75) Chrysene-d12	14.17	240	326130	20.00	ng	-0.01
86) Perylene-d12	15.70	264	296537	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	67388	8.88	ng	-0.01
7) Phenol-d6	6.60	99	86520	8.82	ng	-0.02
23) Nitrobenzene-d5	7.54	82	60295	7.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	21603	10.95	ng	-0.02
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.10	244	108402	8.26	ng	-0.01

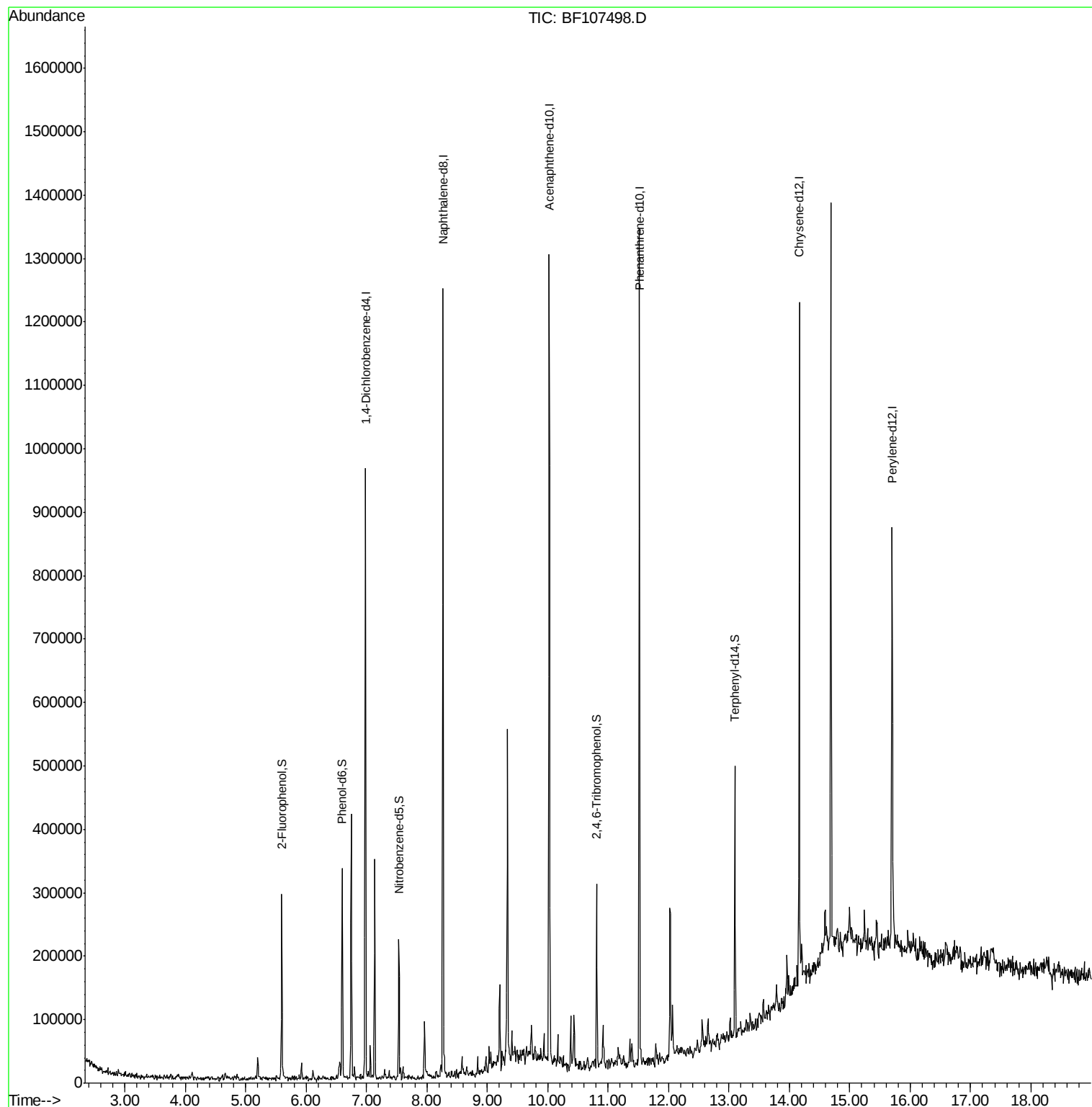
Target Compounds Qvalue

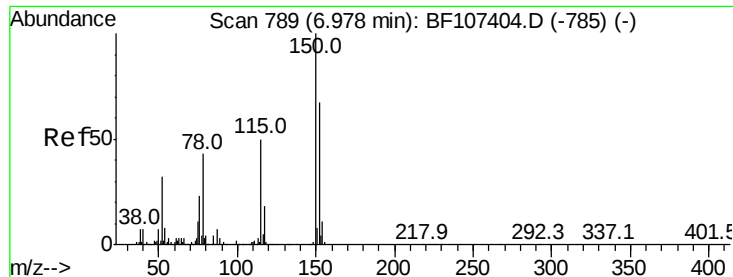
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF107498.D

Acq: 19 Jul 2018 6:43

Instrument :

BNA_F

ClientSampleId :

WALL-4-159

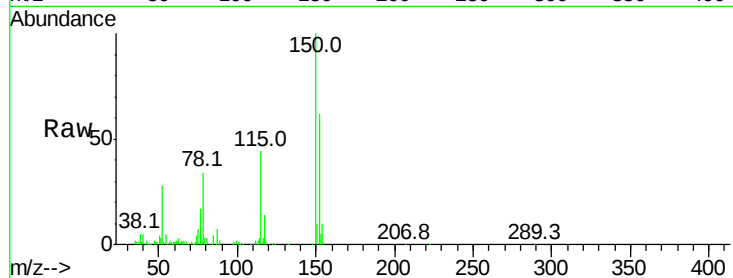
Tot Ion:152 Resp: 115265

Ion Ratio Lower Upper

152 100

150 161.3 124.6 186.8

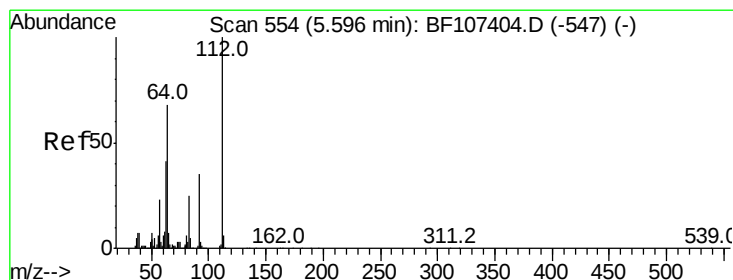
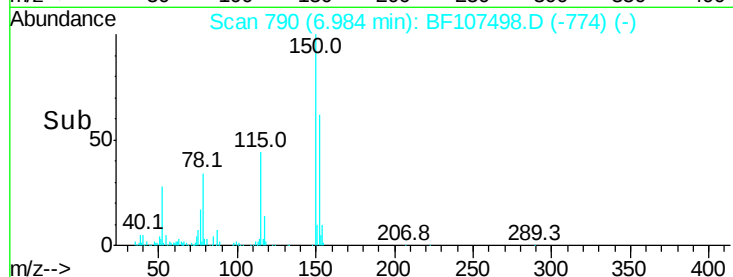
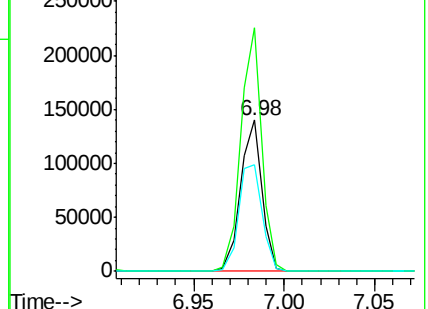
115 70.6 50.1 75.1



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: 8.879 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF107498.D

Acq: 19 Jul 2018 6:43

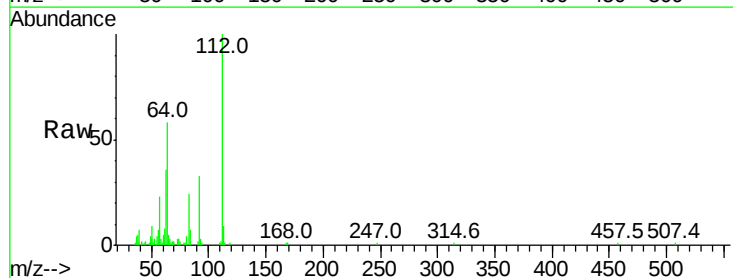
Tgt Ion:112 Resp: 67388

Ion Ratio Lower Upper

112 100

64 58.1 47.9 71.9

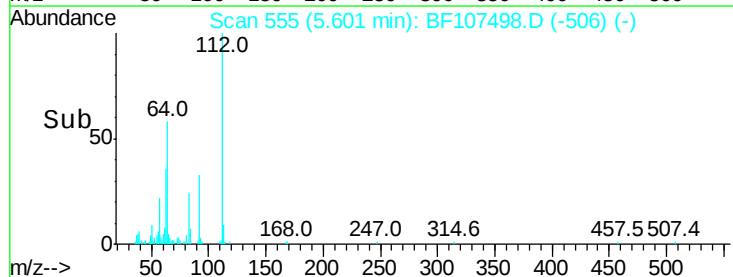
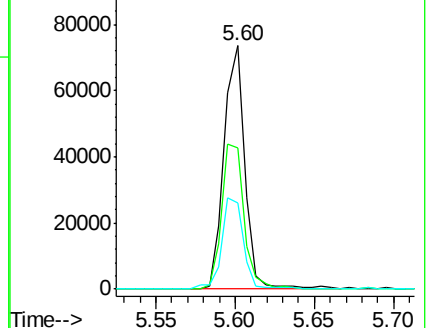
63 35.6 23.7 35.5#

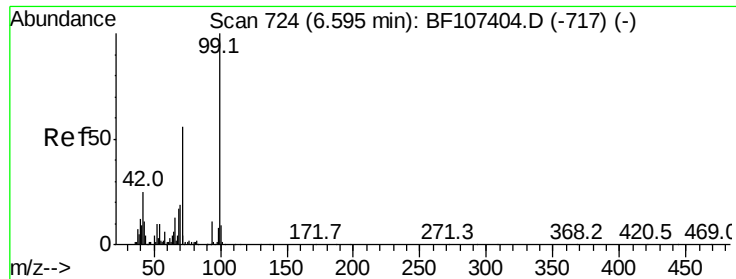


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 8.817 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107498.D

Acq: 19 Jul 2018 6:43

Instrument :

BNA_F

ClientSampleId :

WALL-4-159

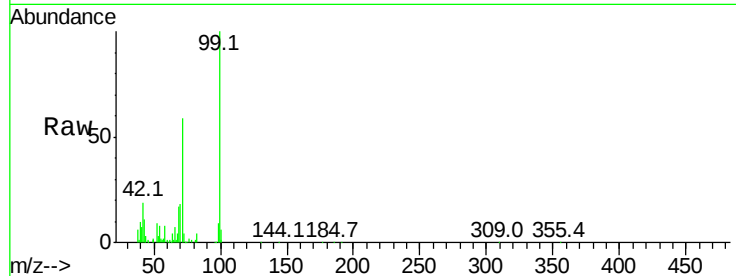
Tot Ion: 99 Resp: 86520

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

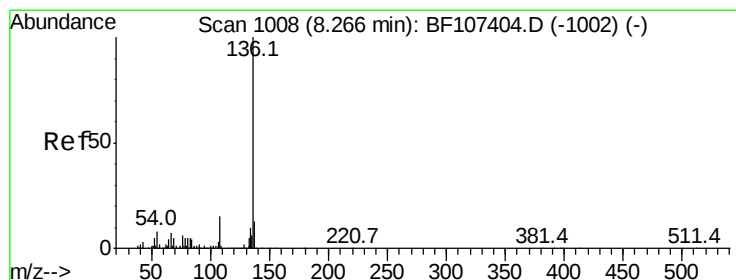
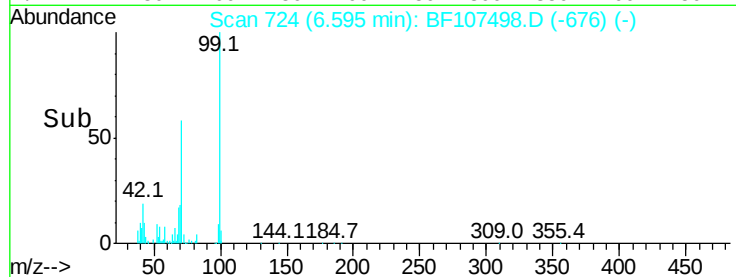
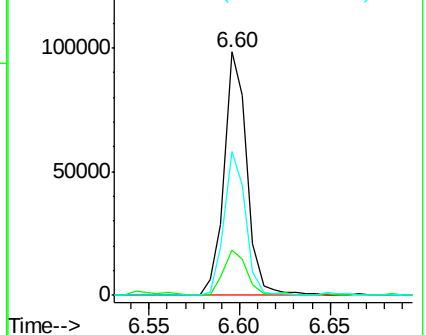
71 58.9 25.4 38.0#



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. -0.01 min

Lab File: BF107498.D

Acq: 19 Jul 2018 6:43

Tgt Ion: 136 Resp: 431114

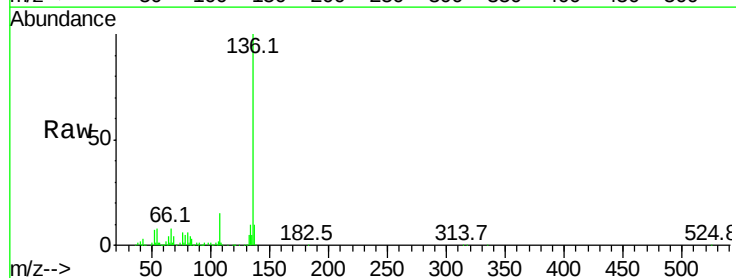
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 7.8 6.6 9.8

68 3.9 5.0 7.4#

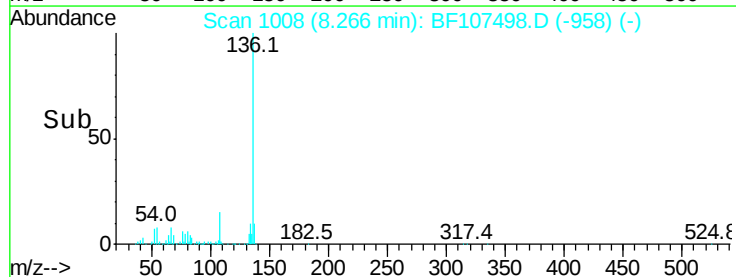
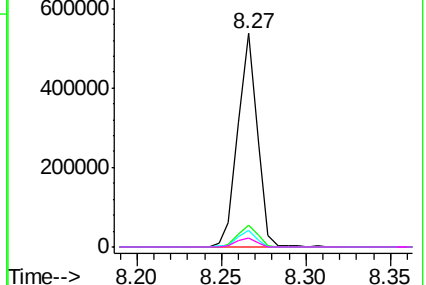


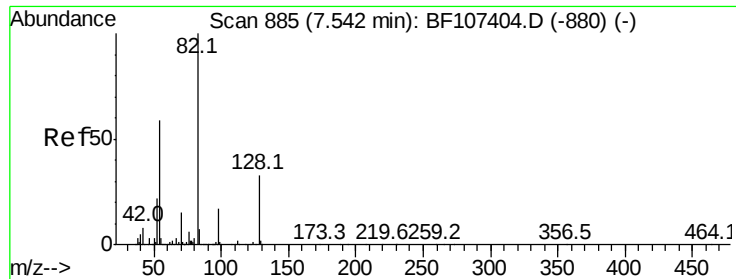
Abundance Ion 136.00 (135.70 to 136.70): E

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

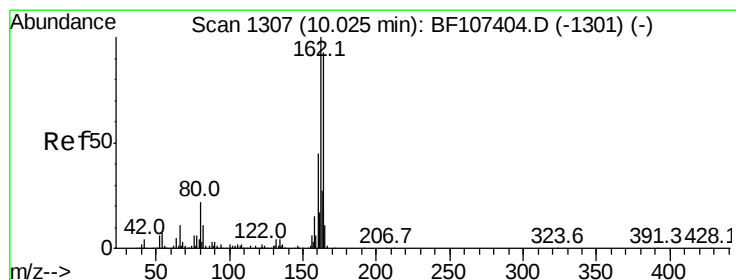
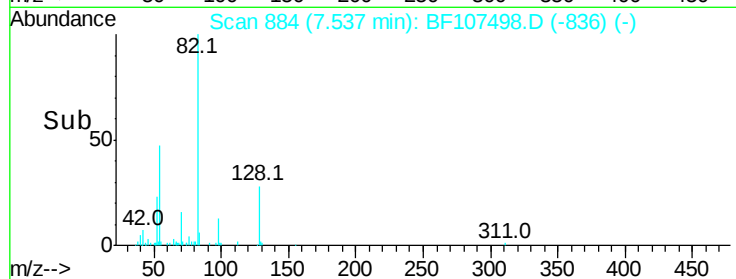
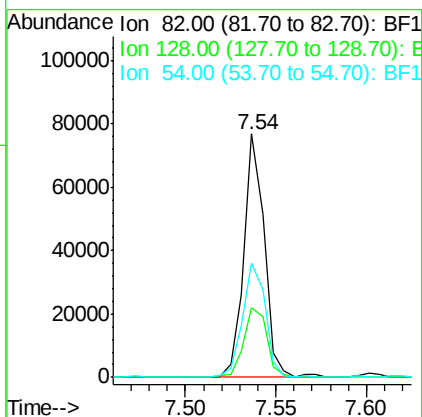
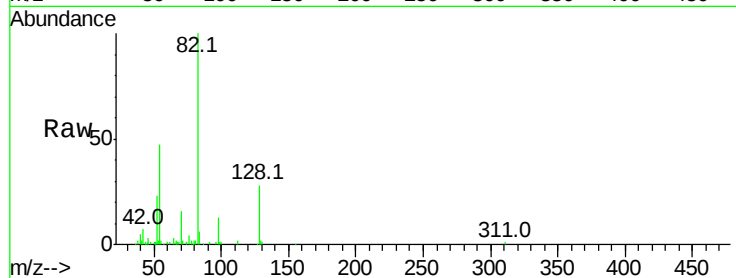




#23
 Nitrobenzene-d5
 Concen: 7.458 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF107498.D
 Acq: 19 Jul 2018 6:43

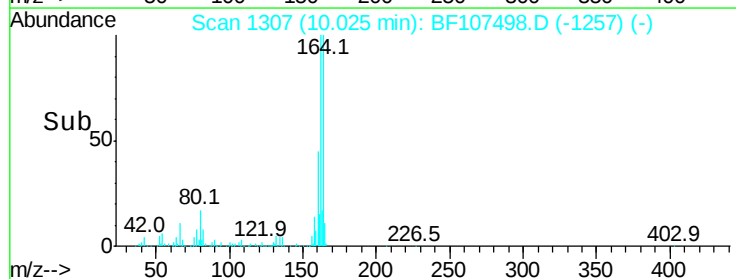
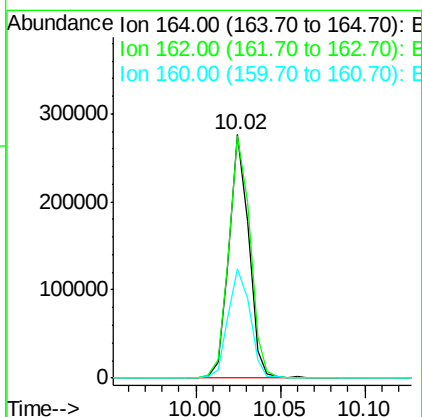
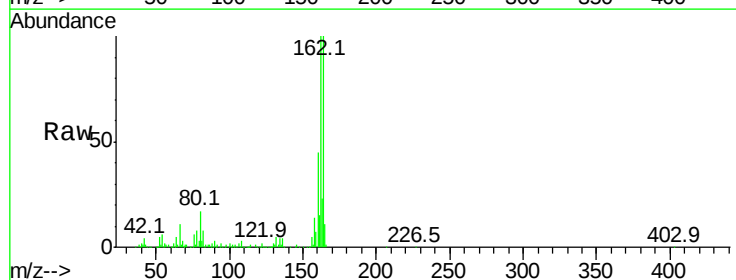
Instrument :
 BNA_F
 ClientSampleId :
 WALL-4-159

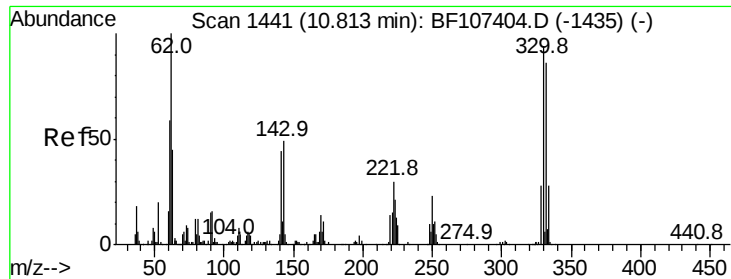
Tot Ion	Ratio	Lower	Upper
82	100		
128	28.4	36.1	54.1#
54	46.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF107498.D
 Acq: 19 Jul 2018 6:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	86.1	129.1
160	45.0	38.3	57.5

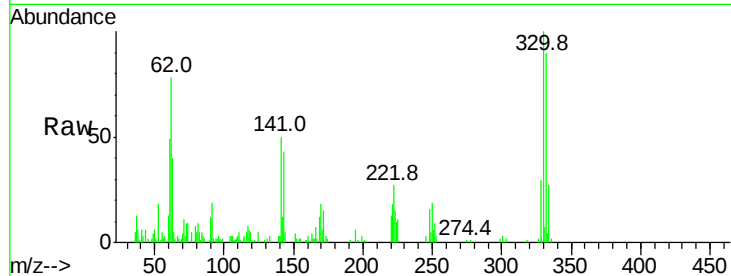




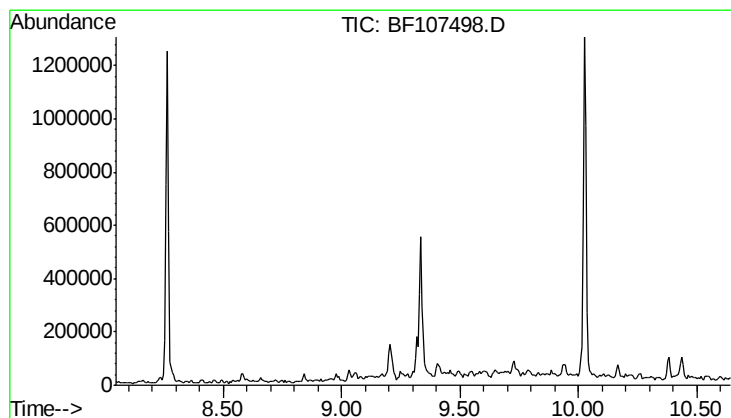
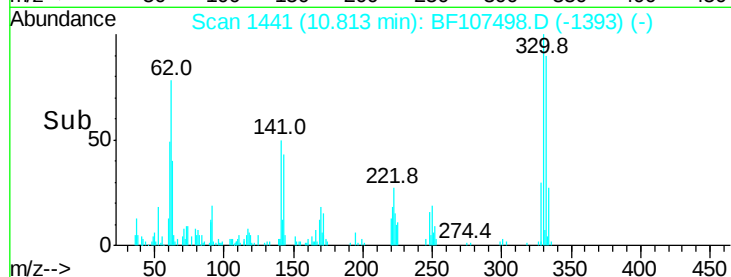
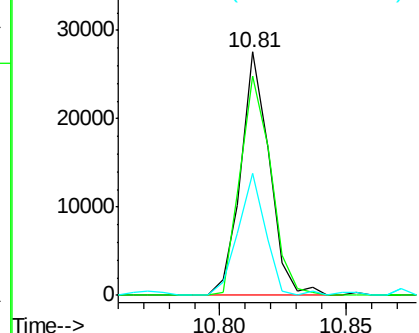
#41
2,4,6-Tribromophenol
Concen: 10.946 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Instrument :
BNA_F
ClientSampleId :
WALL-4-159

Tot Ion:330 Resp: 21603
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 47.3 29.9 44.9#

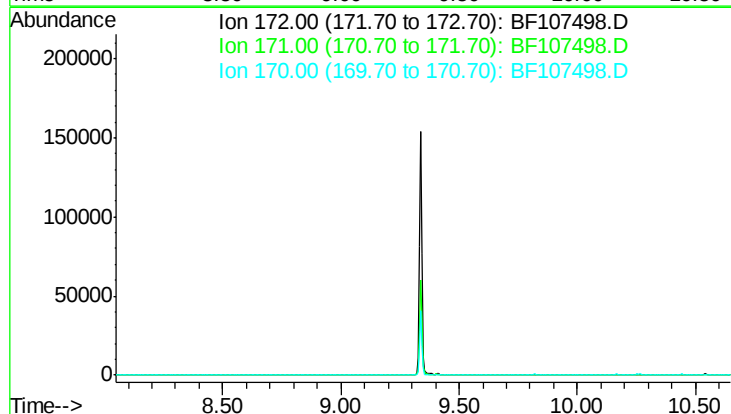


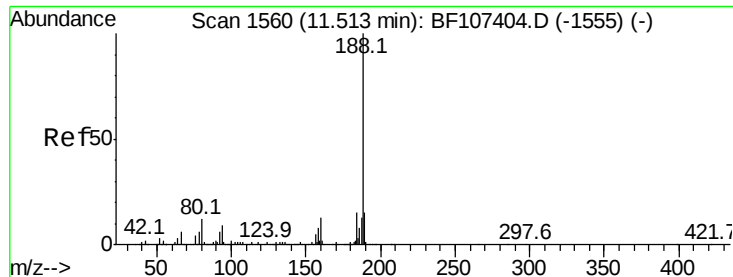
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.35 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Tgt Ion: 172
Sig Exp Ratio
172 100
171 37.1
170 24.5

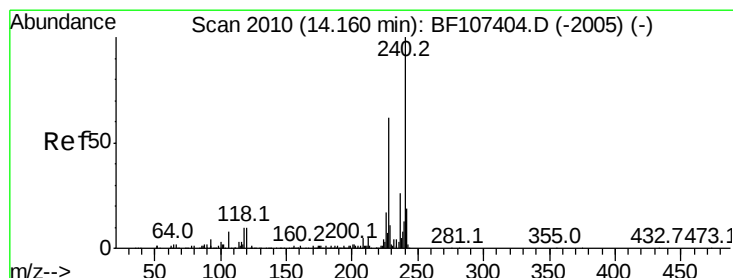
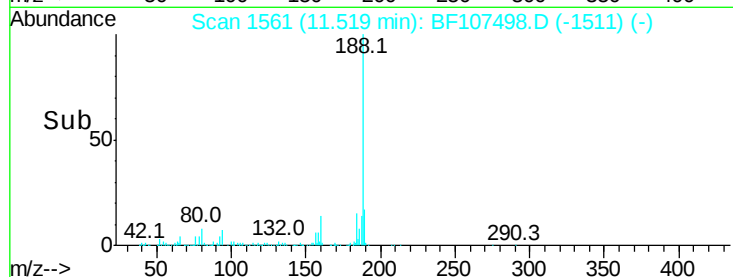
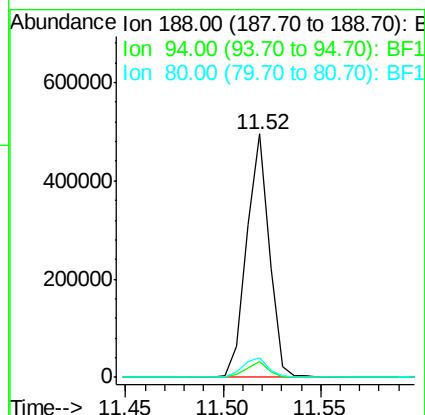
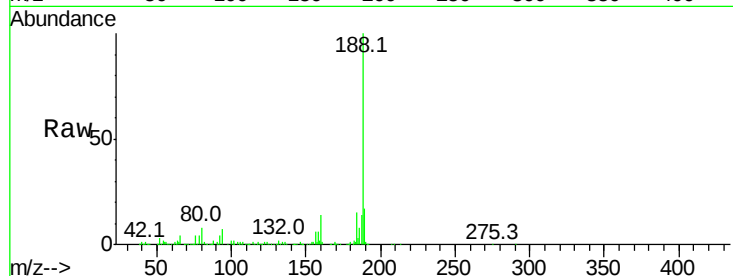




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

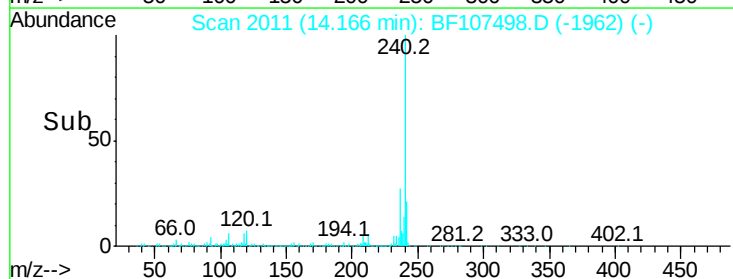
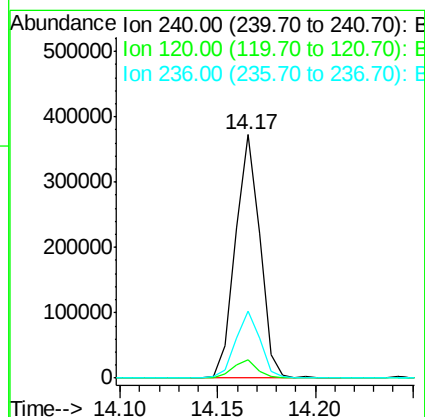
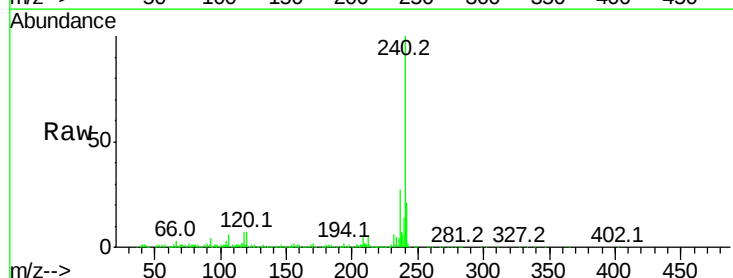
Instrument :
BNA_F
ClientSampleId :
WALL-4-159

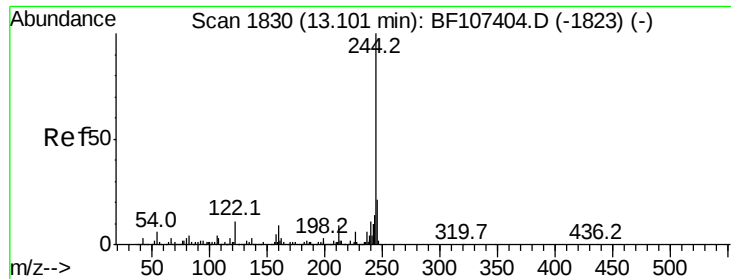
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.5	12.7#
80	7.9	9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	9.5	14.3#
236	27.4	20.7	31.1

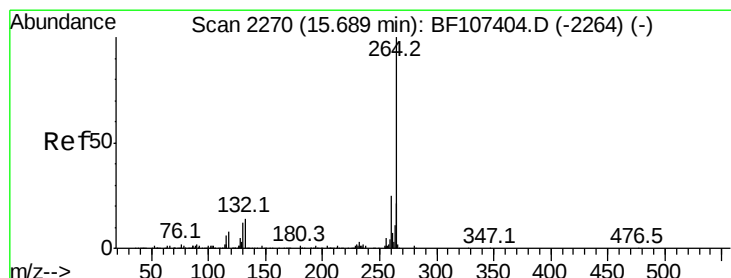
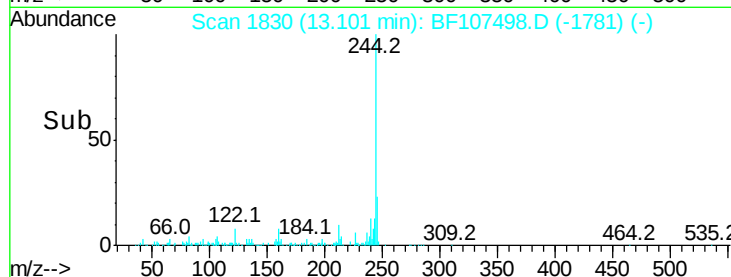
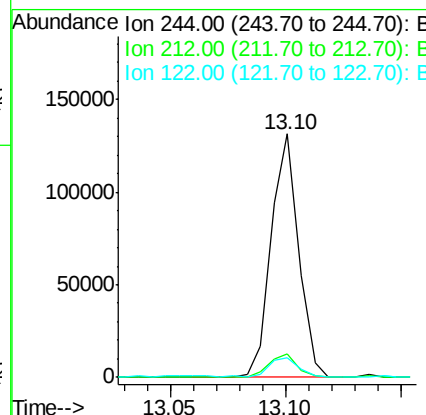
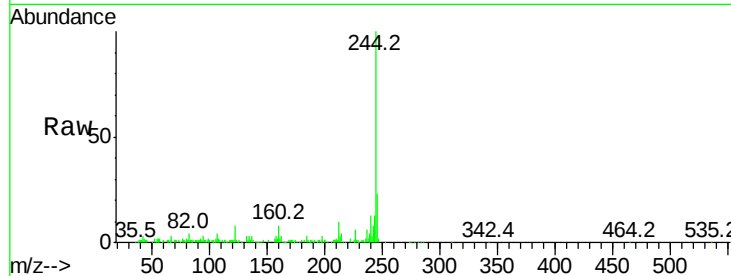




#78
 Terphenyl-d14
 Concen: 8.258 ng
 RT: 13.10 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF107498.D
 Acq: 19 Jul 2018 6:43

Instrument :
 BNA_F
 ClientSampleId :
 WALL-4-159

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.4	8.0#
122	8.1	11.0	16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF107498.D
 Acq: 19 Jul 2018 6:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.2	28.8
265	23.1	17.5	26.3

