

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107726.D
 Acq On : 27 Jul 2018 4:36
 Operator : JU/SJ
 Sample : J4161-02 100X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL

Quant Time: Jul 27 08:29:35 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	124745	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	660868	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	301069	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	509311	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	384023	20.00	ng	-0.02
86) Perylene-d12	15.67	264	396462	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.78	99	575	0.06	ng	0.16
23) Nitrobenzene-d5	7.55	82	765	0.08	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	106	0.03	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.08	244	2005	0.13	ng	-0.02

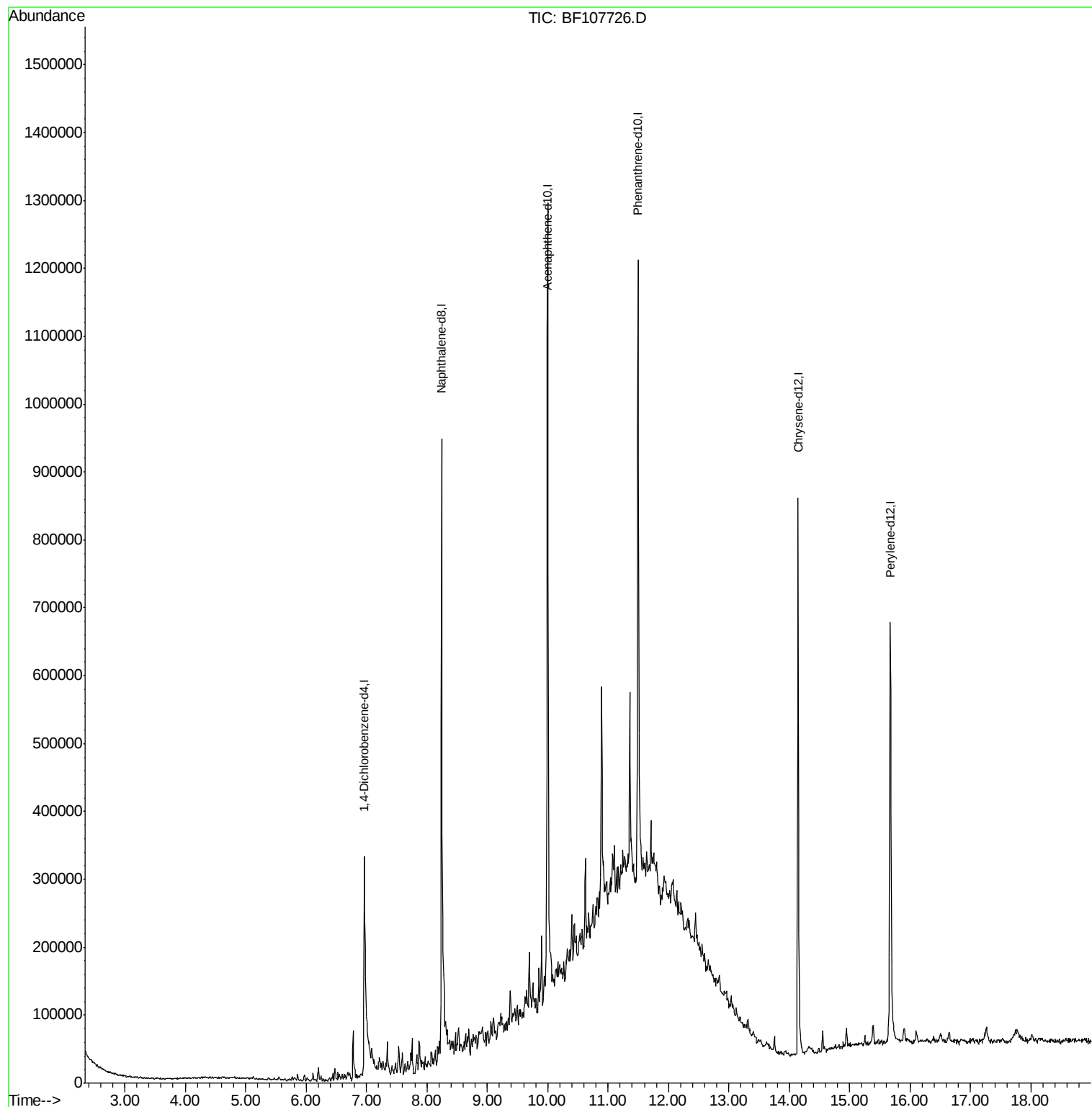
Target Compounds	Qvalue
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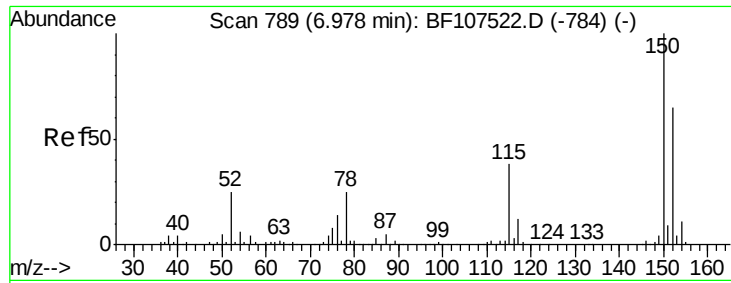
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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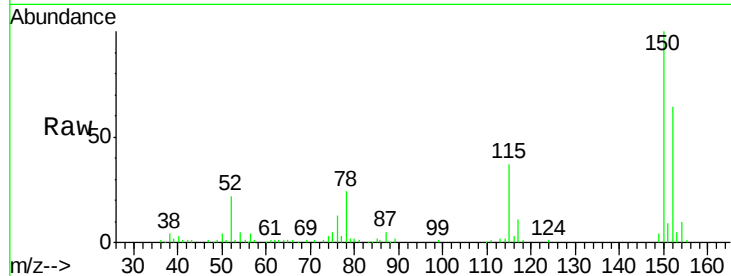


#1

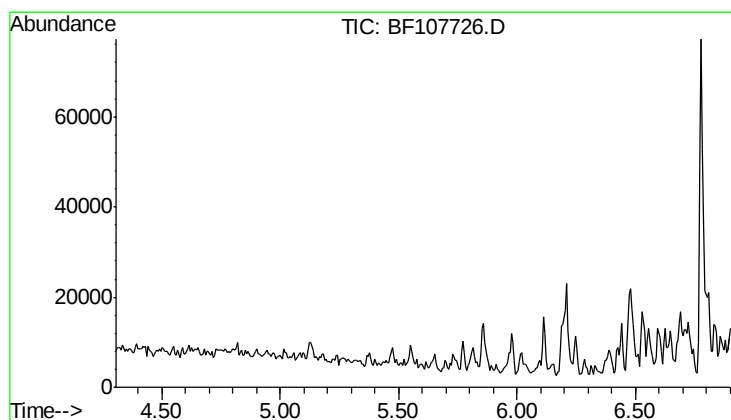
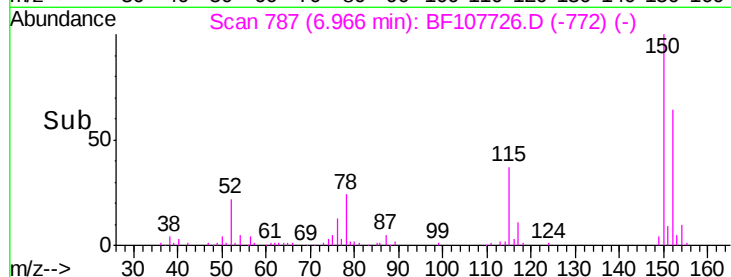
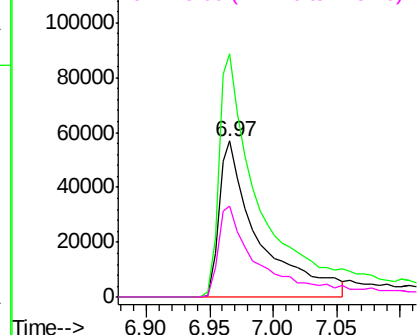
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107726.D
Acq: 27 Jul 2018 4:36

Instrument :
BNA_F
ClientSampleId :
OIL

Tgt Ion:152 Resp: 124745
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 58.0 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

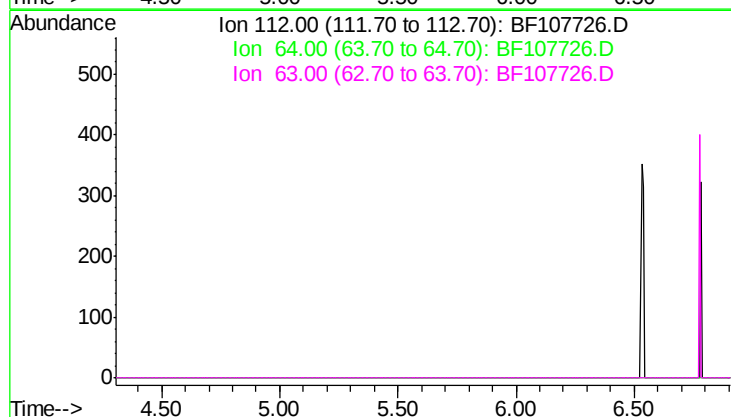


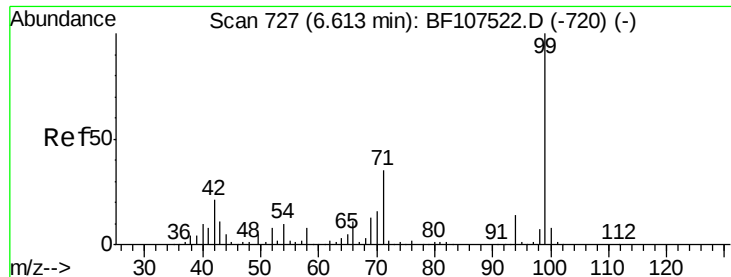
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.61 min

Lab File: BF107726.D
Acq: 27 Jul 2018 4:36

Tgt Ion: 112
Sig Exp Ratio
112 100
64 59.9
63 29.6





#7

Phenol-d6

Concen: 0.062 ng

RT: 6.78 min Scan# 755

Delta R.T. 0.16 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

Instrument :

BNA_F

ClientSampled :

OIL

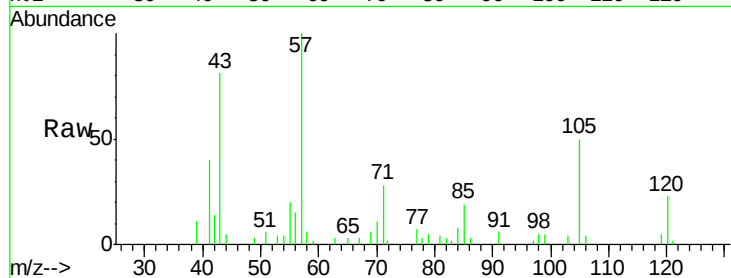
Tgt Ion: 99 Resp: 575

Ion Ratio Lower Upper

99 100

42 260.9 14.5 21.7#

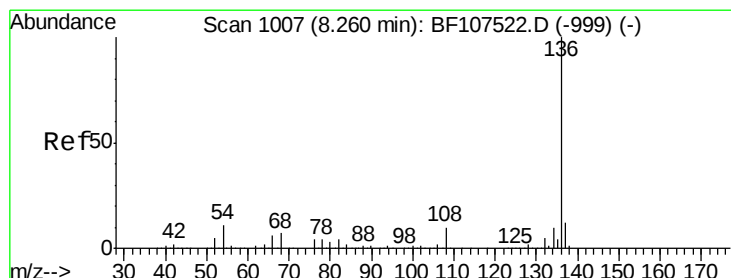
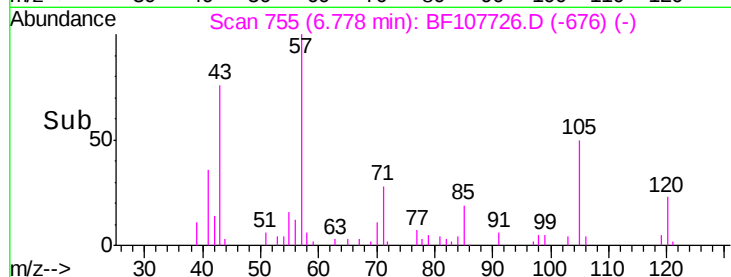
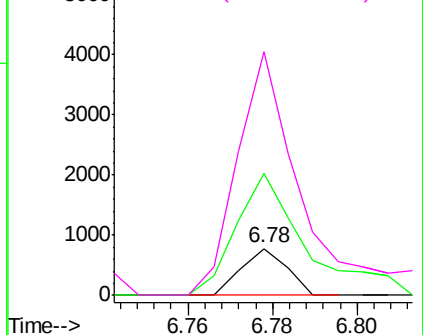
71 519.2 25.4 38.0#



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: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

Tgt Ion:136 Resp: 660868

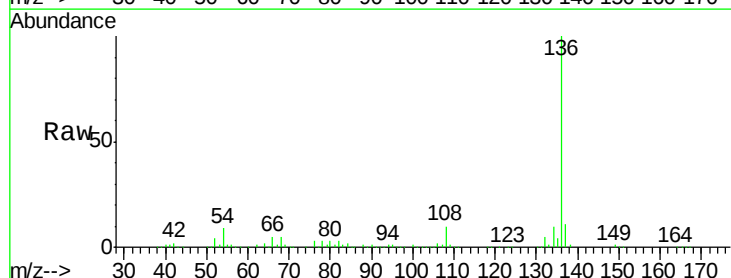
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.1 6.6 9.8

68 5.3 5.0 7.4

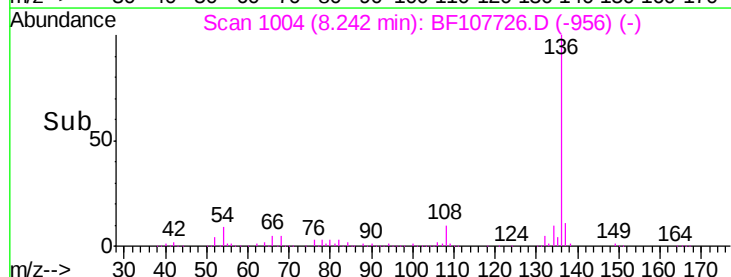
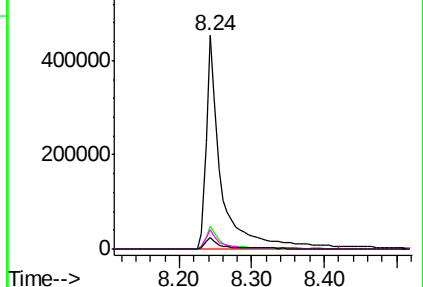


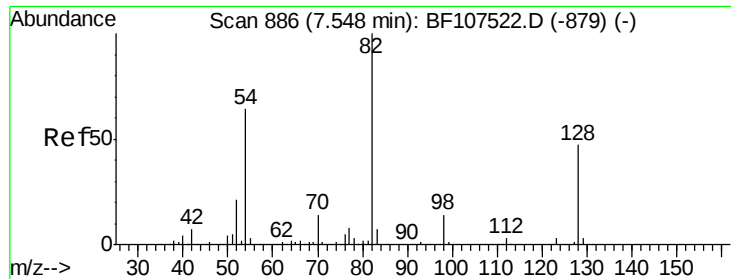
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.078 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

Instrument :

BNA_F

ClientSampleId :

OIL

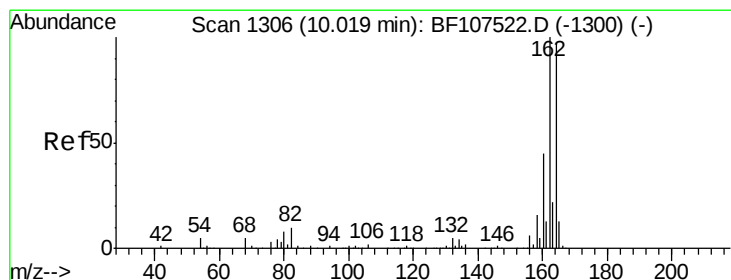
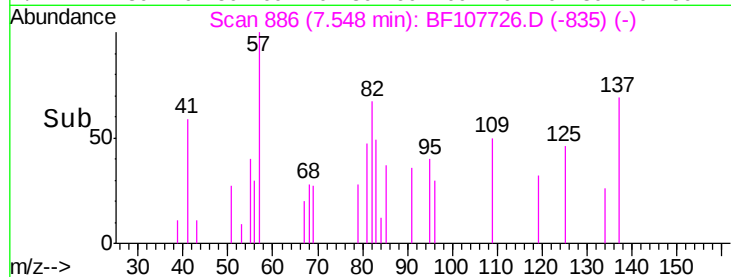
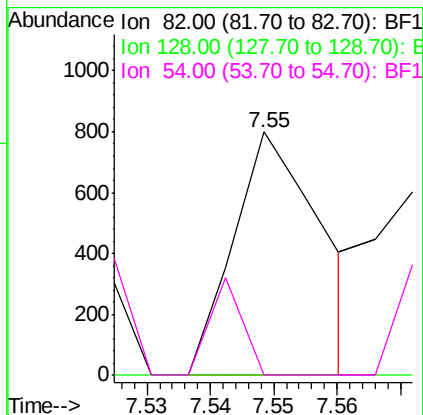
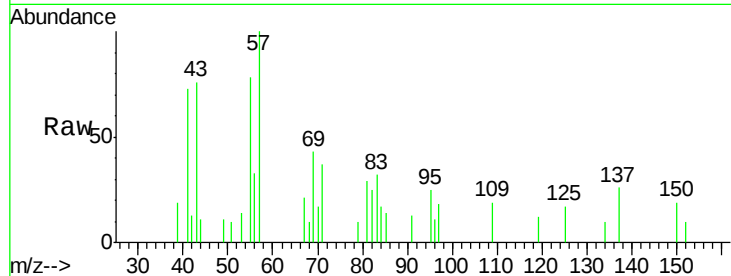
Tgt Ion: 82 Resp: 765

Ion Ratio Lower Upper

82 100

128 0.0 36.1 54.1#

54 0.0 41.4 62.2#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

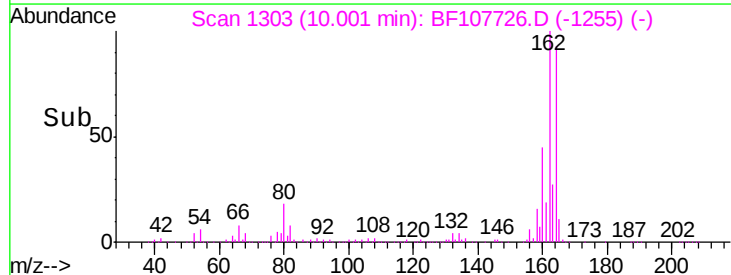
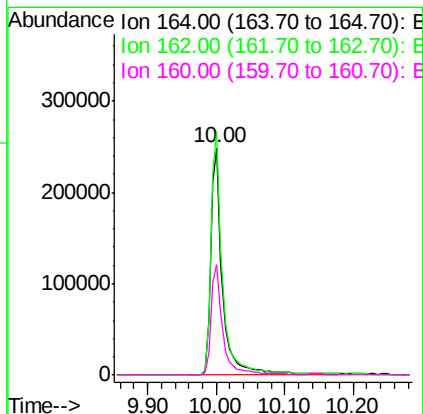
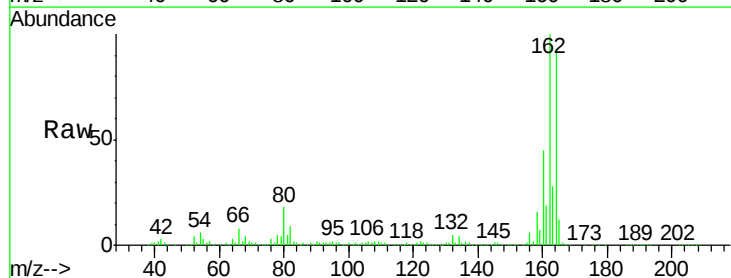
Tgt Ion: 164 Resp: 301069

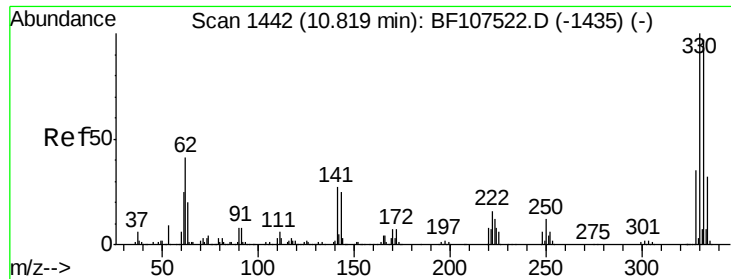
Ion Ratio Lower Upper

164 100

162 107.1 86.1 129.1

160 48.5 38.3 57.5

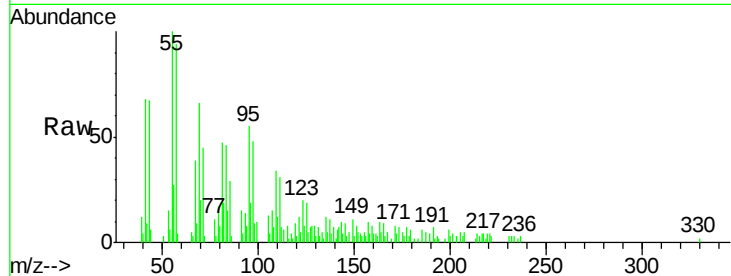




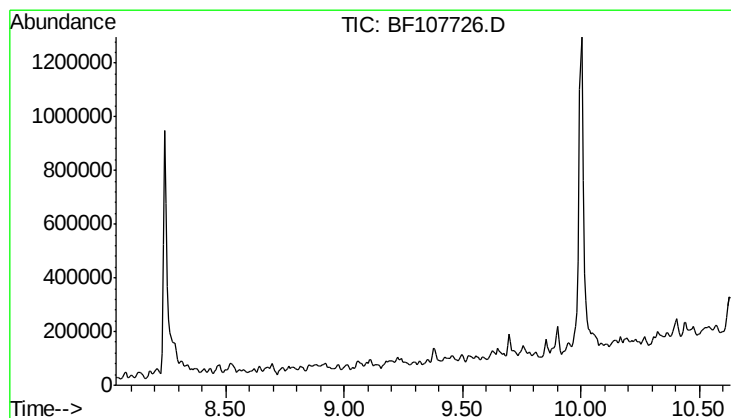
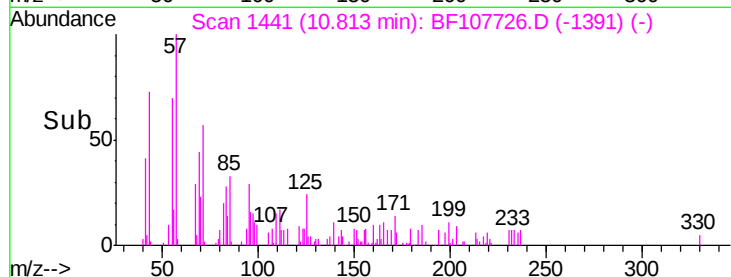
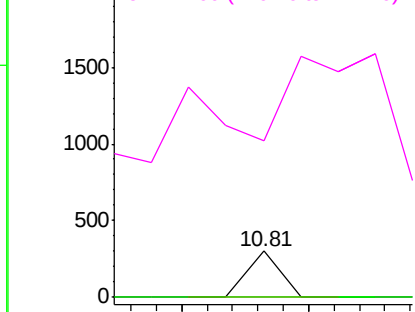
#41
 2,4,6-Tribromophenol
 Concen: 0.031 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107726.D
 Acq: 27 Jul 2018 4:36

Instrument :
 BNA_F
 ClientSampleId :
 OIL

Tgt Ion: 330 Resp: 106
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.0 115.6#
 141 1185.8 29.9 44.9#

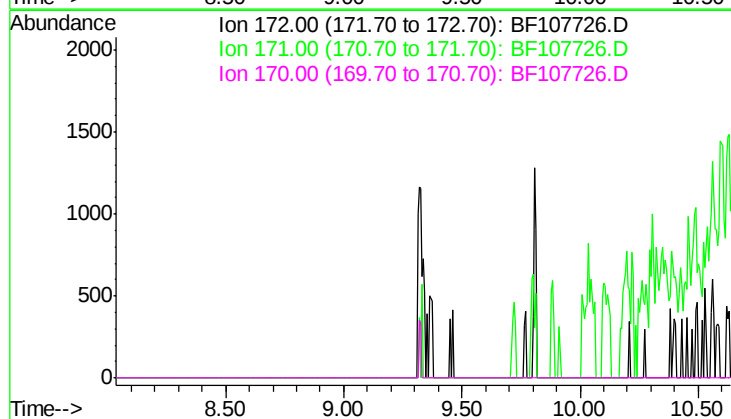


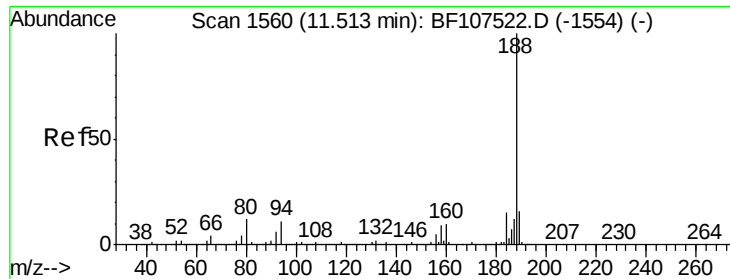
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.34 min
 Lab File: BF107726.D
 Acq: 27 Jul 2018 4:36

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

Instrument :

BNA_F

ClientSampleId :

OIL

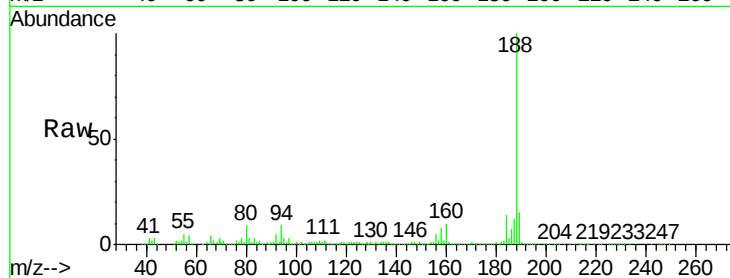
Tgt Ion:188 Resp: 509311

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

80 9.0 9.2 13.8#

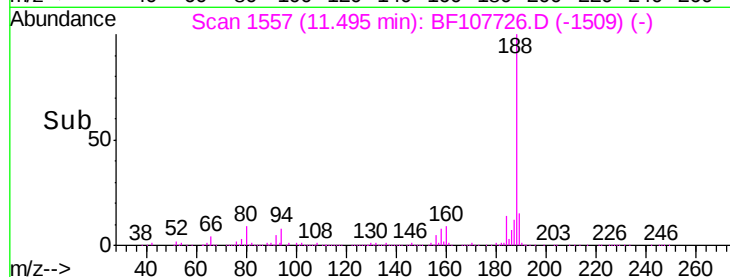


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

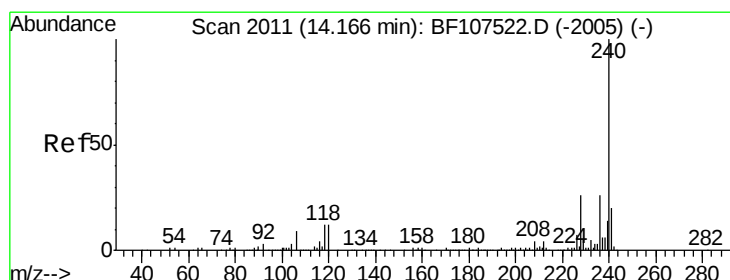
Ion 80.00 (79.70 to 80.70): BF1

Time-->



Abundance

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

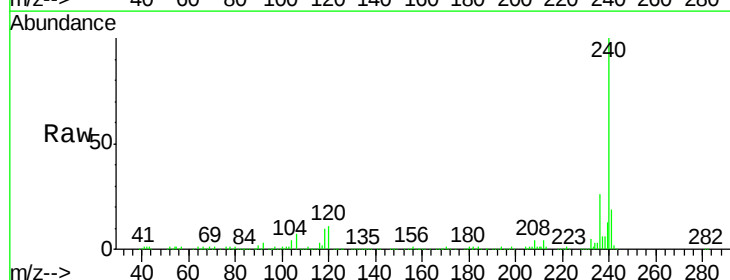
Tgt Ion:240 Resp: 384023

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

236 26.4 20.7 31.1

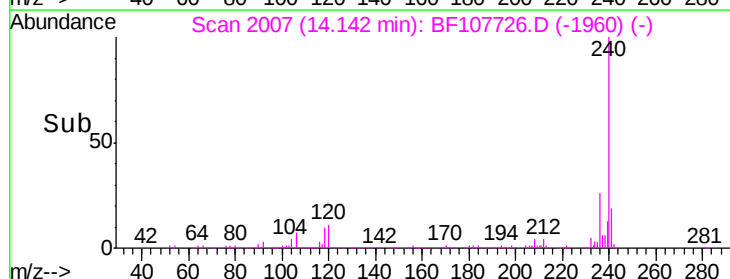


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

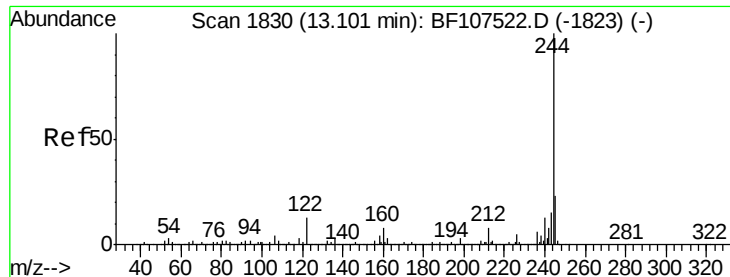
Ion 236.00 (235.70 to 236.70): E

Time-->



Abundance

Time-->



#78

Terphenyl-d14

Concen: 0.134 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

Instrument :

BNA_F

ClientSampleId :

OIL

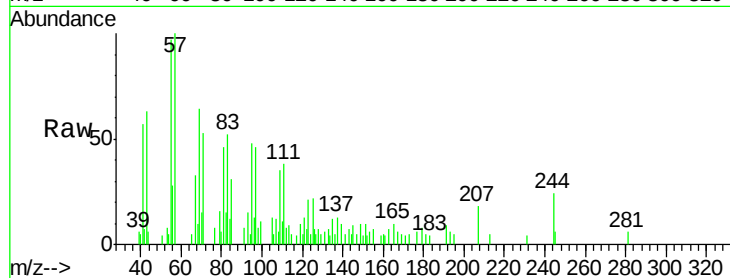
Tgt Ion:244 Resp: 2005

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

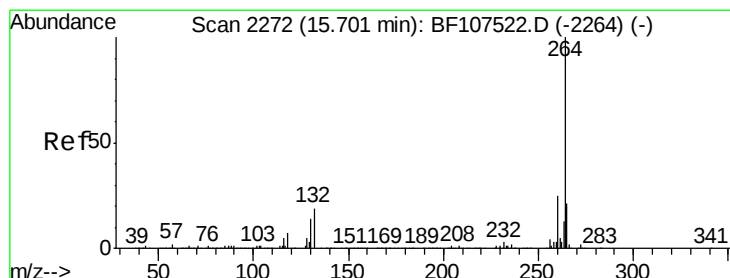
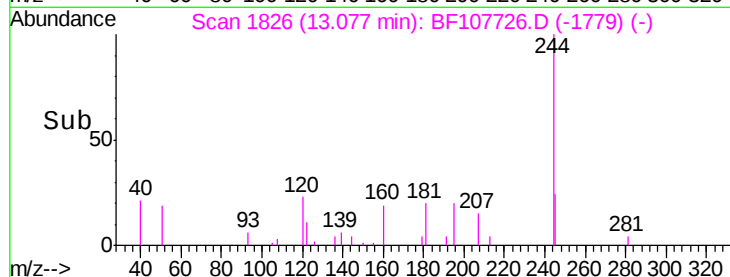
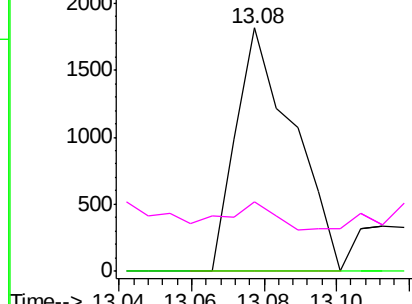
122 28.3 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

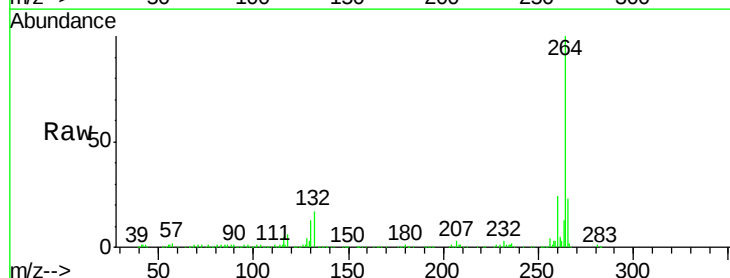
Tgt Ion:264 Resp: 396462

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

