

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107556.D
 Acq On : 21 Jul 2018 6:17
 Operator : JU/SJ
 Sample : J3909-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN-001A-071918

Quant Time: Jul 23 03:35:34 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

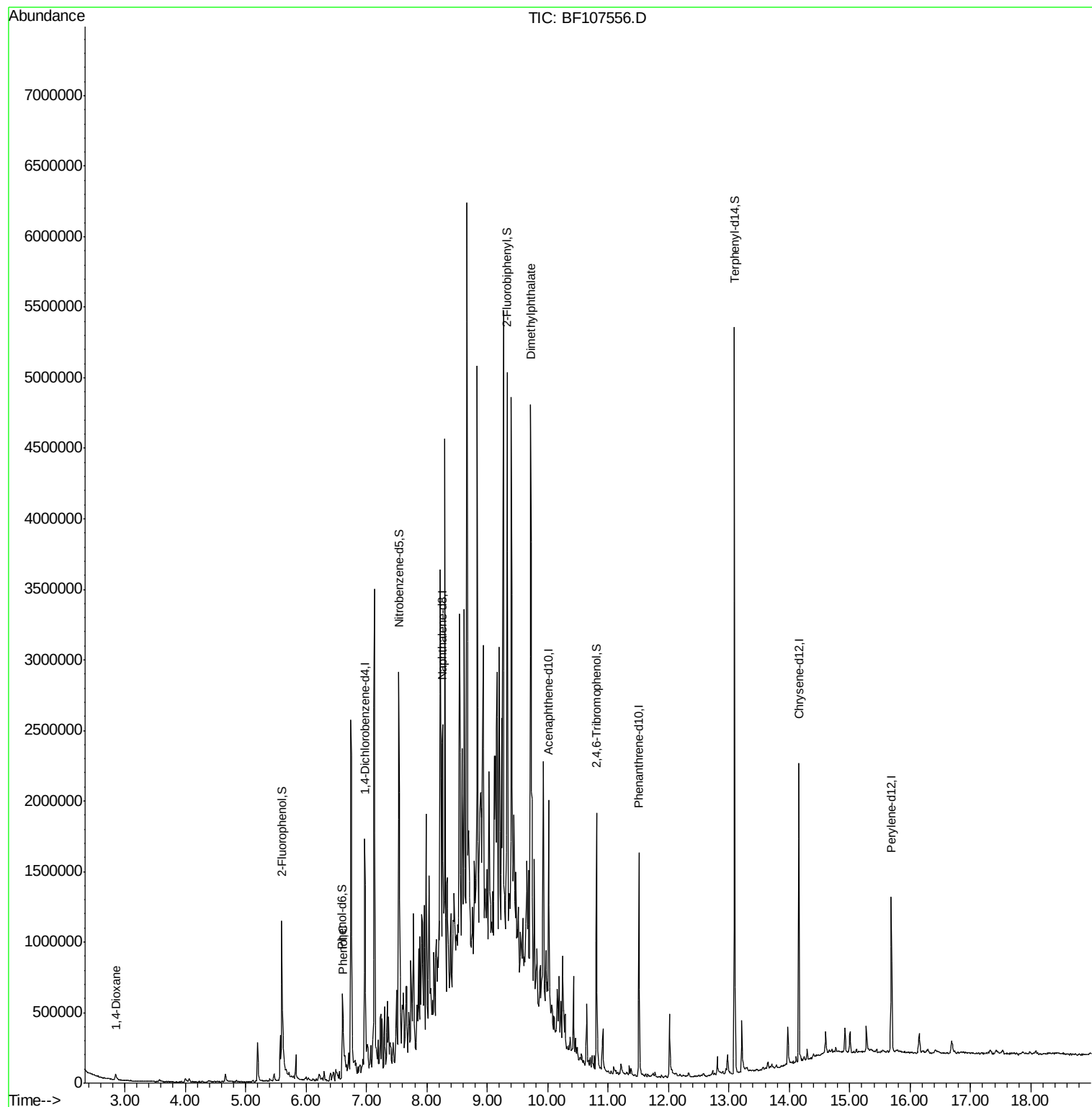
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	263632	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	826206	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	300616	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	653365	20.00	ng	0.00
75) Chrysene-d12	14.16	240	733388	20.00	ng	0.00
86) Perylene-d12	15.69	264	509606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	489876	29.88	ng	0.00
7) Phenol-d6	6.60	99	377782	19.19	ng	-0.01
23) Nitrobenzene-d5	7.54	82	870661	71.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	243701	71.29	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1349305	74.21	ng	0.00
78) Terphenyl-d14	13.10	244	1777003	62.03	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.85	88	23754	3.112	ng	# 82
10) Phenol	6.62	94	63452	2.740	ng	# 80
49) Dimethylphthalate	9.72	163	120276	5.309	ng	# 96

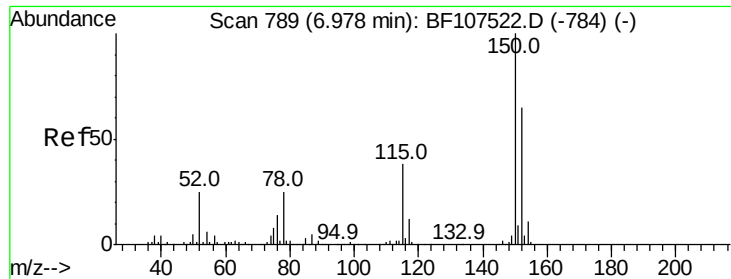
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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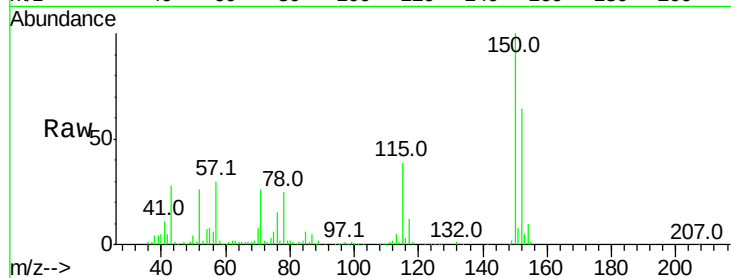


#1

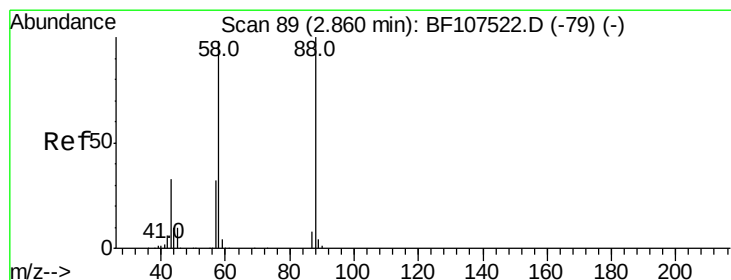
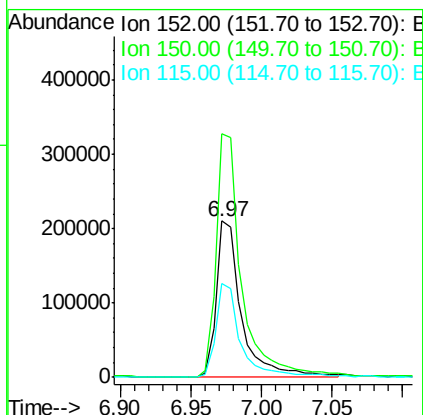
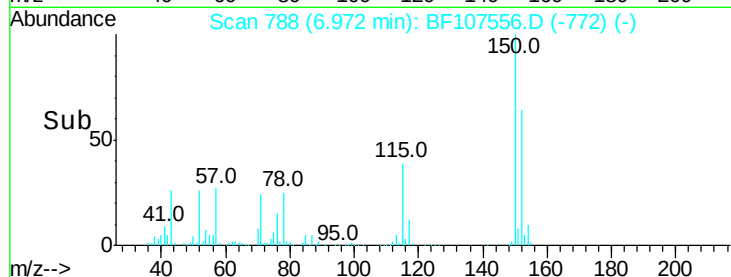
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Instrument :
BNA_F
ClientSampleId :
DSN-001A-071918

Tot Ion:152 Resp: 263632
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 60.3 50.1 75.1



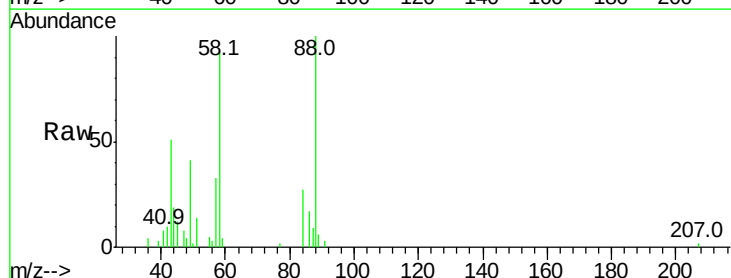
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



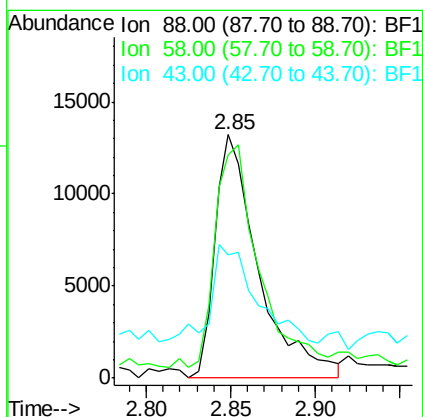
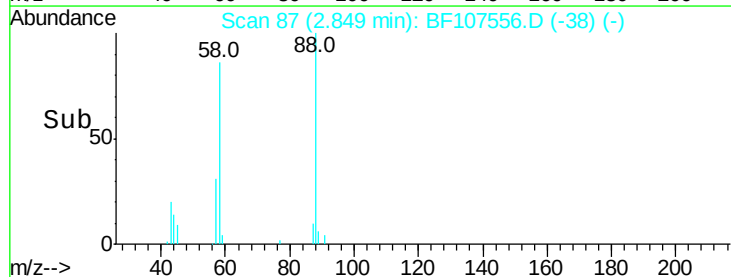
#2

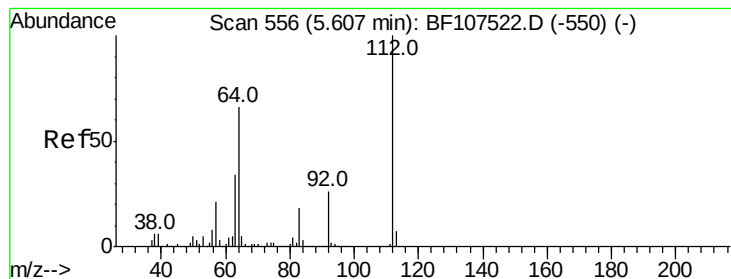
1,4-Dioxane
Concen: 3.112 ng
RT: 2.85 min Scan# 87
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Tgt Ion: 88 Resp: 23754
Ion Ratio Lower Upper
88 100
58 92.4 62.6 93.8
43 42.5 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 29.876 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF107556.D

Acq: 21 Jul 2018 6:17

Instrument :

BNA_F

ClientSampleId :

DSN-001A-071918

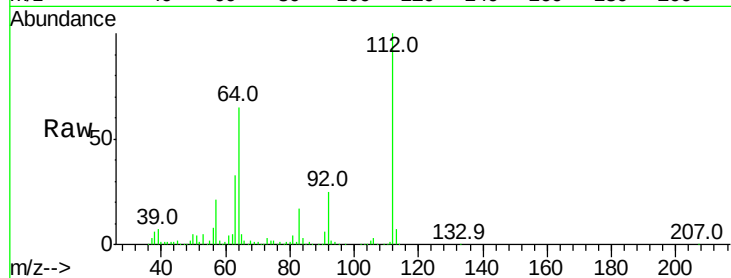
Tot Ion:112 Resp: 489876

Ion Ratio Lower Upper

112 100

64 64.8 47.9 71.9

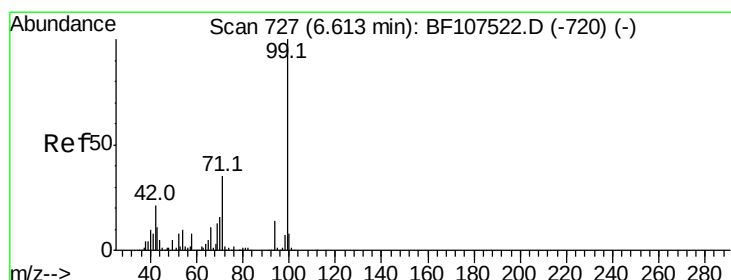
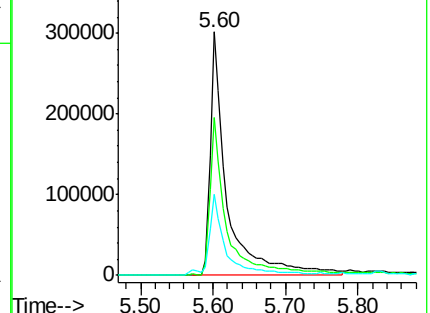
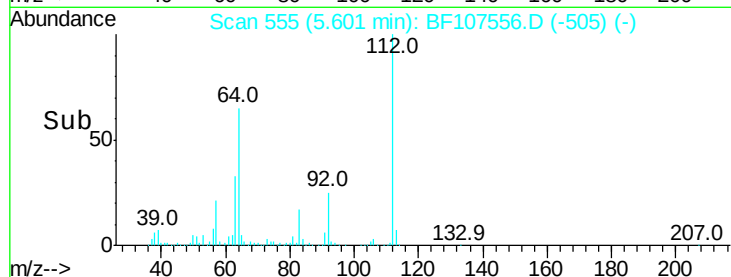
63 33.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 19.188 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107556.D

Acq: 21 Jul 2018 6:17

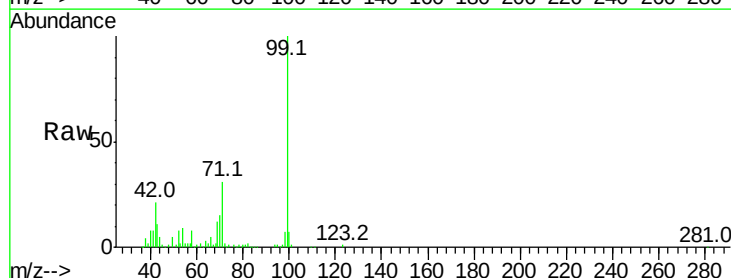
Tgt Ion: 99 Resp: 377782

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

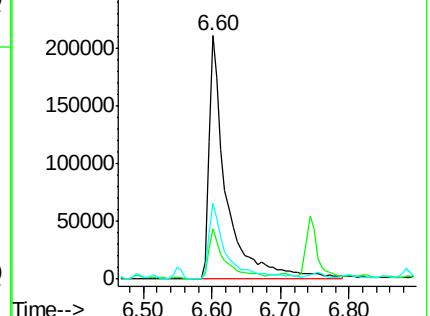
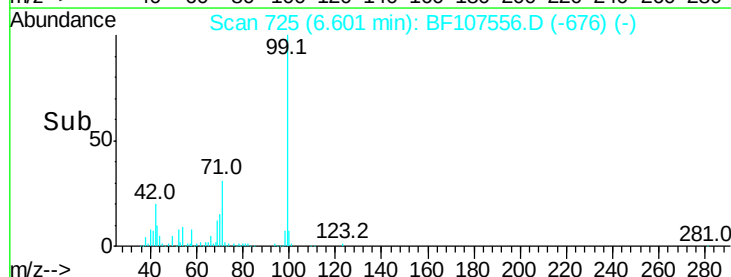
71 31.4 25.4 38.0

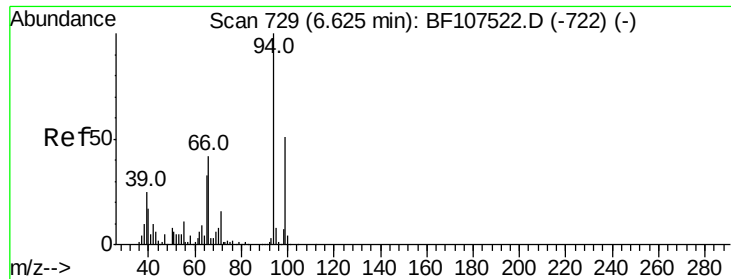


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#10

Phenol

Concen: 2.740 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107556.D

Acq: 21 Jul 2018 6:17

Instrument :

BNA_F

ClientSampleId :

DSN-001A-071918

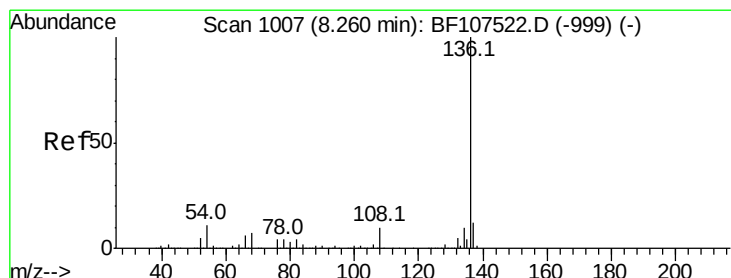
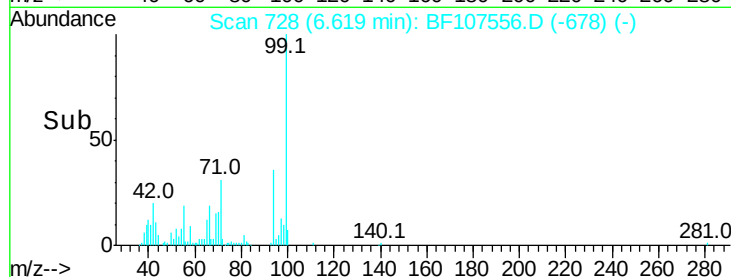
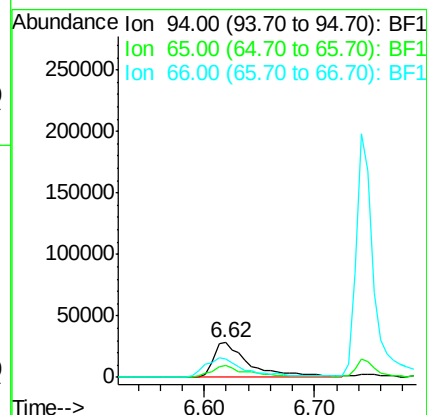
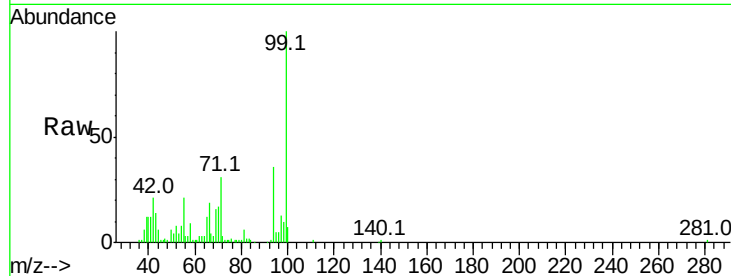
Tot Ion: 94 Resp: 63452

Ion Ratio Lower Upper

94 100

65 33.7 7.9 47.9

66 52.1 16.2 56.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF107556.D

Acq: 21 Jul 2018 6:17

Tgt Ion: 136 Resp: 826206

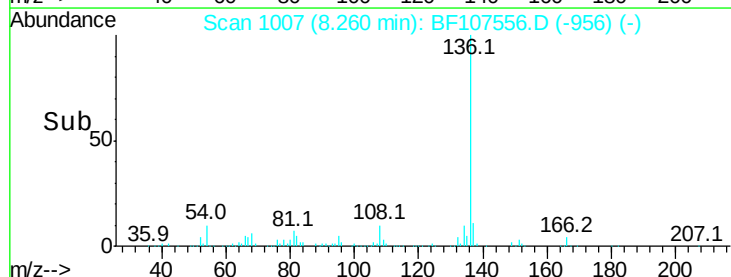
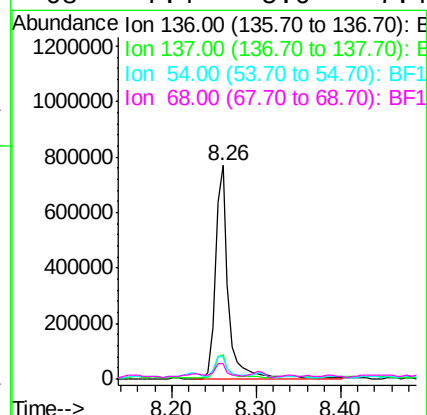
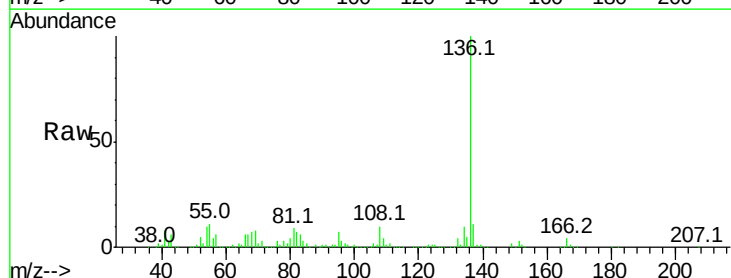
Ion Ratio Lower Upper

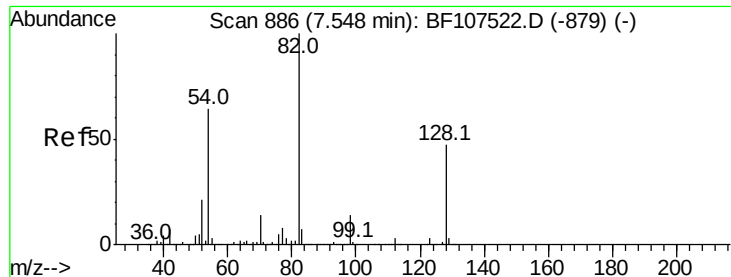
136 100

137 11.1 8.9 13.3

54 10.4 6.6 9.8#

68 7.4 5.0 7.4

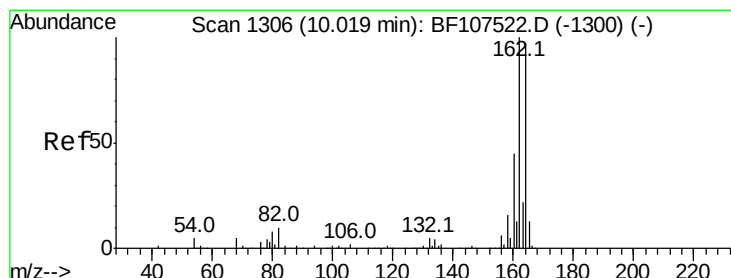
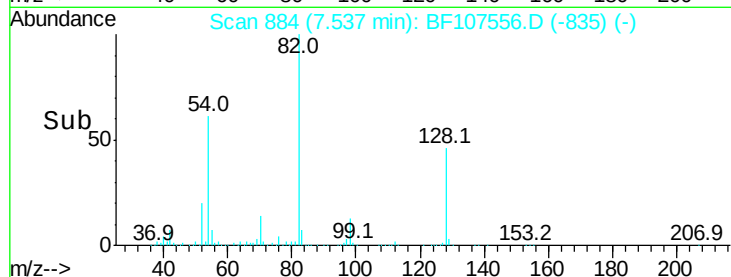
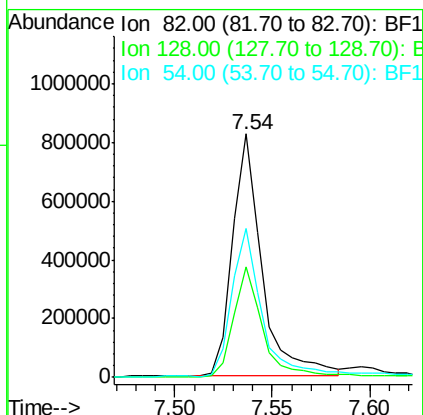
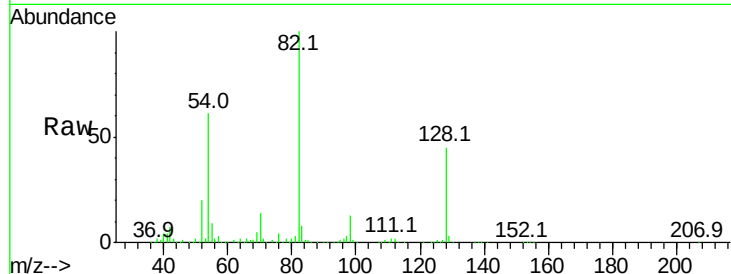




#23
 Nitrobenzene-d5
 Concen: 71.119 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107556.D
 Acq: 21 Jul 2018 6:17

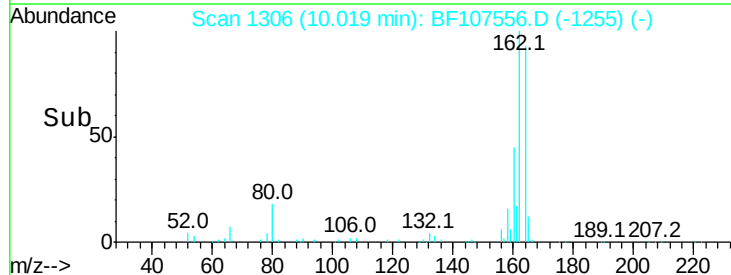
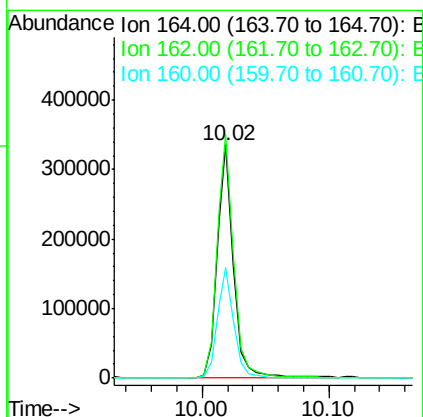
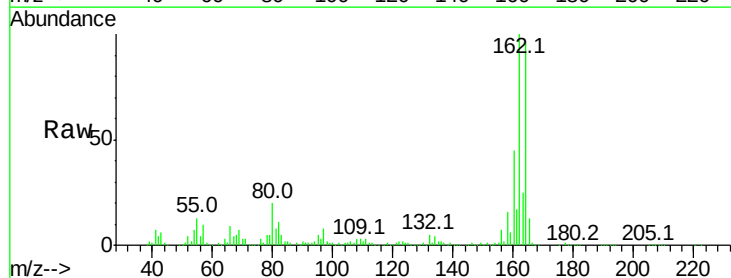
Instrument :
 BNA_F
 ClientSampleId :
 DSN-001A-071918

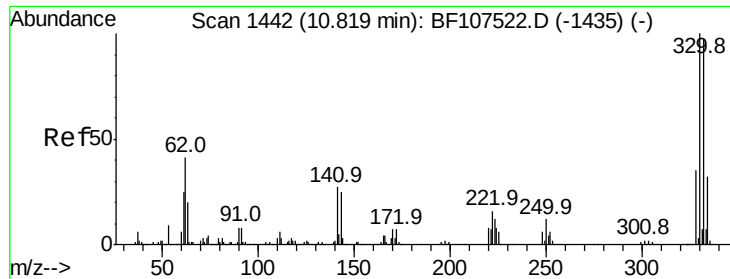
Tot Ion: 82 Resp: 870661
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 61.2 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF107556.D
 Acq: 21 Jul 2018 6:17

Tgt Ion:164 Resp: 300616
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 47.2 38.3 57.5

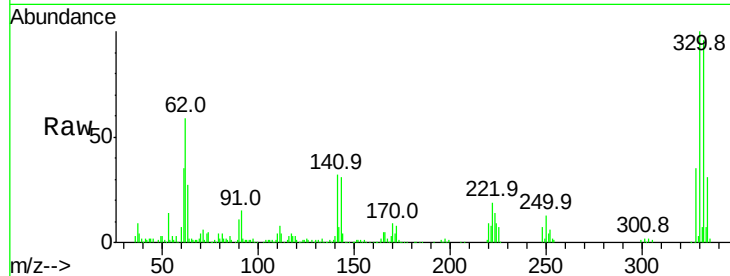




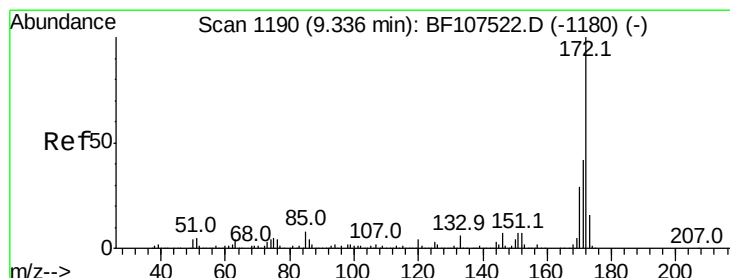
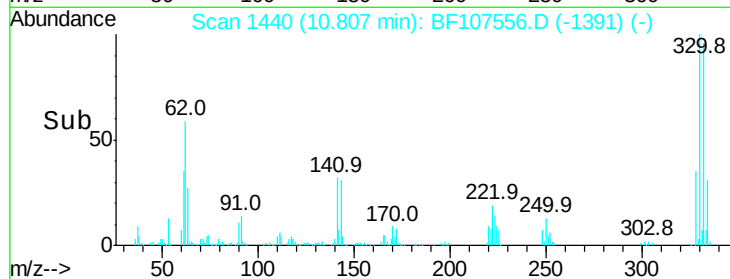
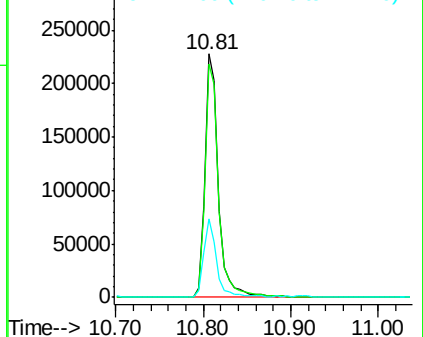
#41
 2,4,6-Tribromophenol
 Concen: 71.289 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107556.D
 Acq: 21 Jul 2018 6:17

Instrument :
 BNA_F
 ClientSampleId :
 DSN-001A-071918

Tot Ion:330 Resp: 243701
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 30.1 29.9 44.9

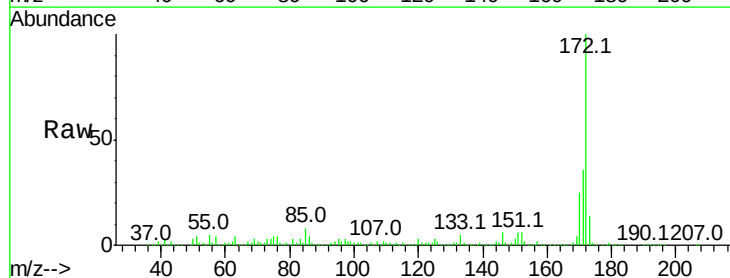


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

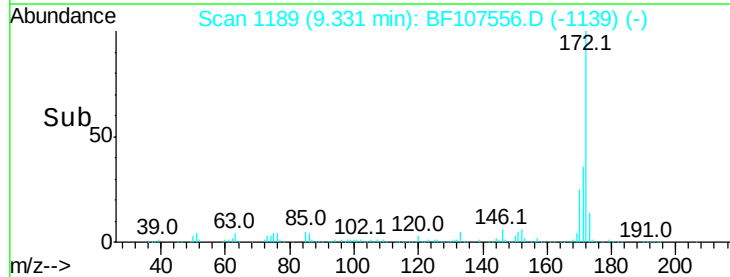
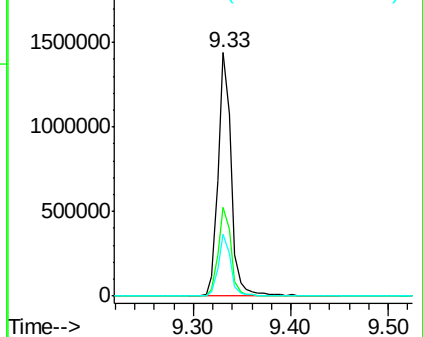


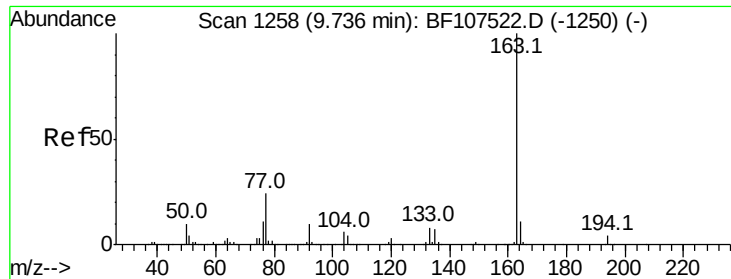
#44
 2-Fluorobiphenyl
 Concen: 74.210 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107556.D
 Acq: 21 Jul 2018 6:17

Tgt Ion:172 Resp: 1349305
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 25.4 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: 5.309 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107556.D

Acq: 21 Jul 2018 6:17

Instrument :

BNA_F

ClientSampleId :

DSN-001A-071918

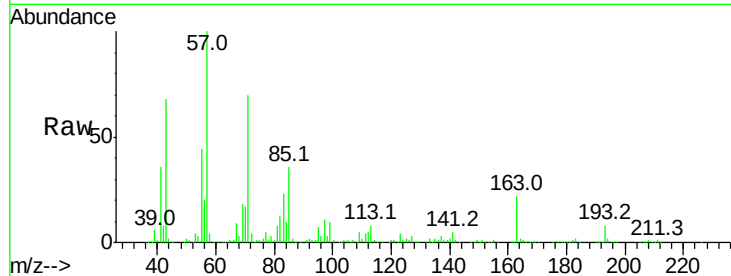
Tot Ion:163 Resp: 120276

Ion Ratio Lower Upper

163 100

194 9.1 2.7 4.1#

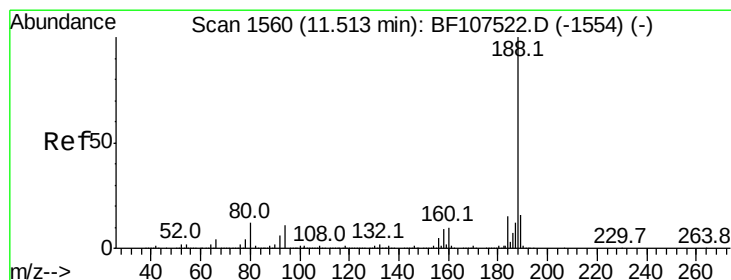
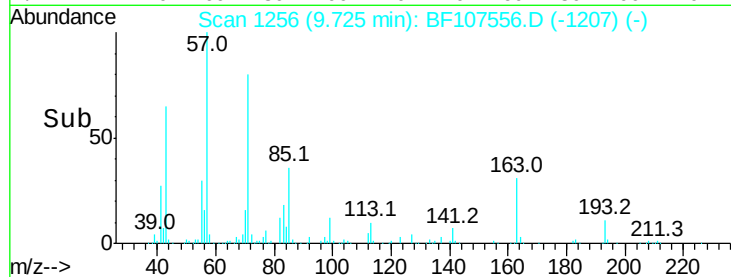
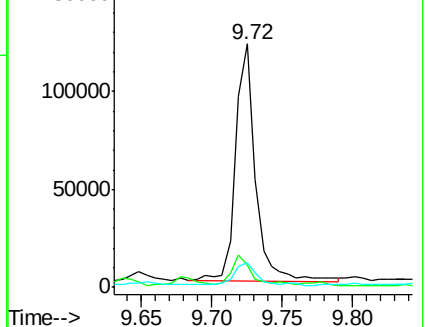
164 10.2 8.2 12.2



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: 11.51 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF107556.D

Acq: 21 Jul 2018 6:17

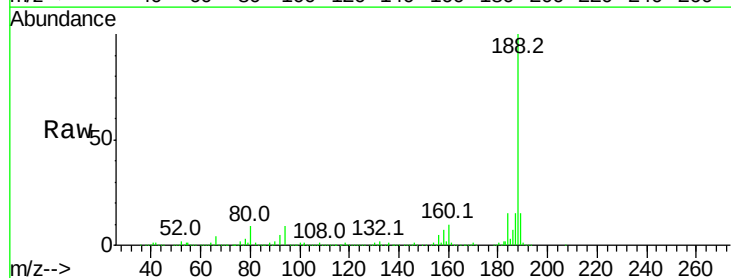
Tgt Ion:188 Resp: 653365

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

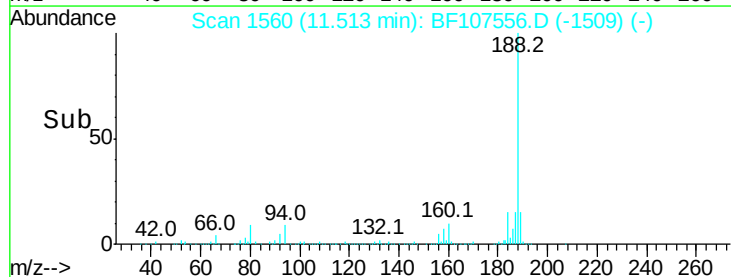
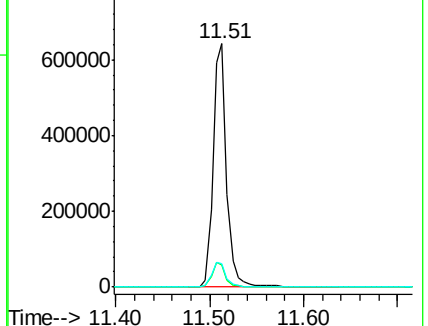
80 9.5 9.2 13.8

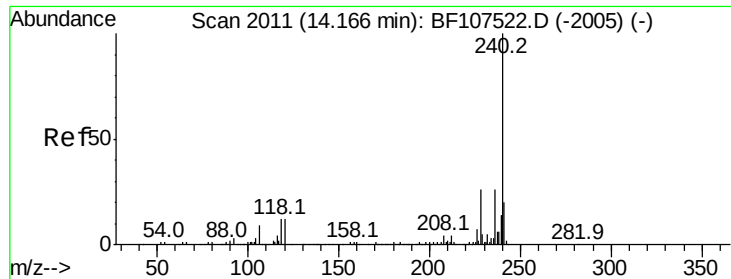


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107556.D

Acq: 21 Jul 2018 6:17

Instrument :

BNA_F

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DSN-001A-071918

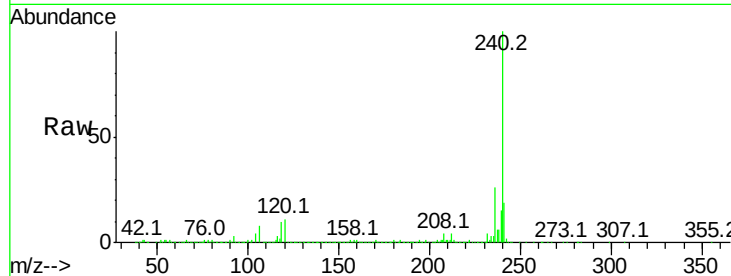
Tot Ion:240 Resp: 733388

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

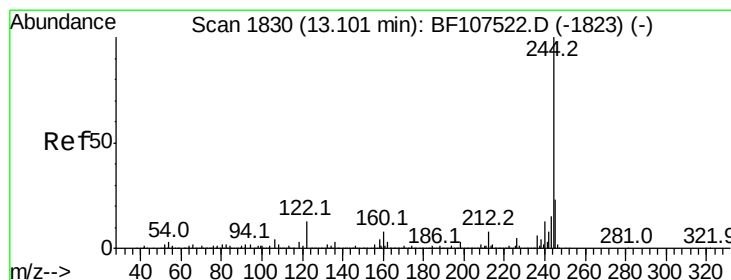
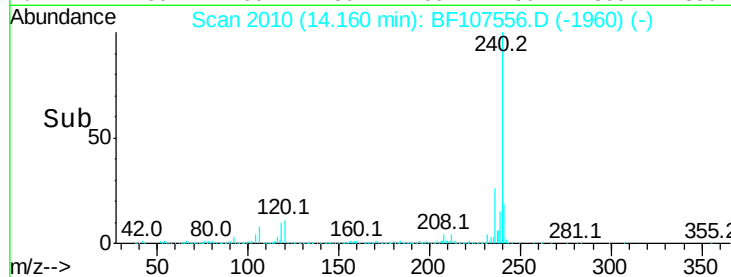
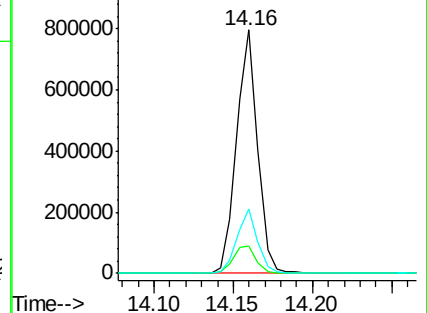
236 26.3 20.7 31.1



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: 62.031 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF107556.D

Acq: 21 Jul 2018 6:17

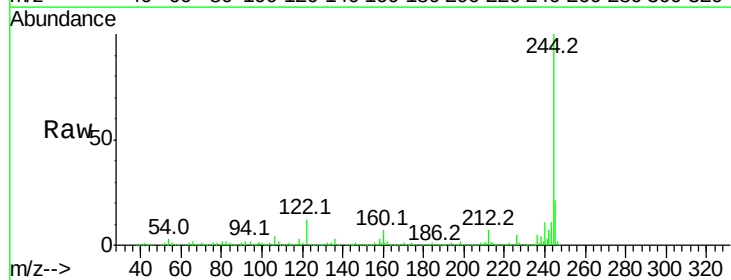
Tgt Ion:244 Resp: 1777003

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

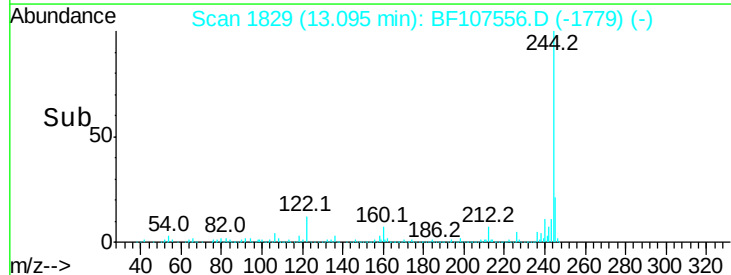
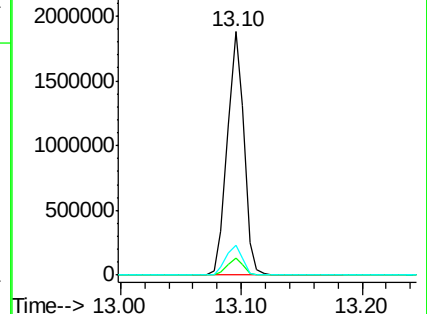
122 12.4 11.0 16.4

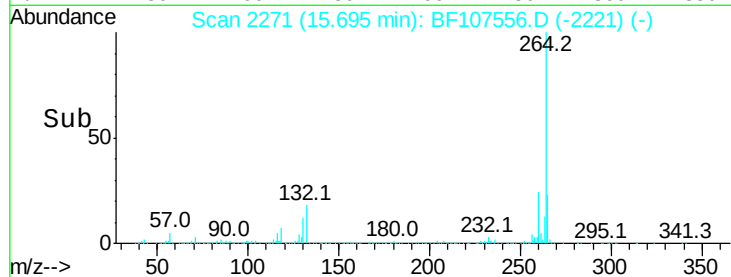
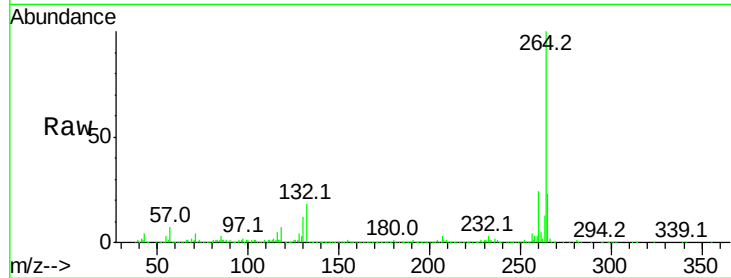
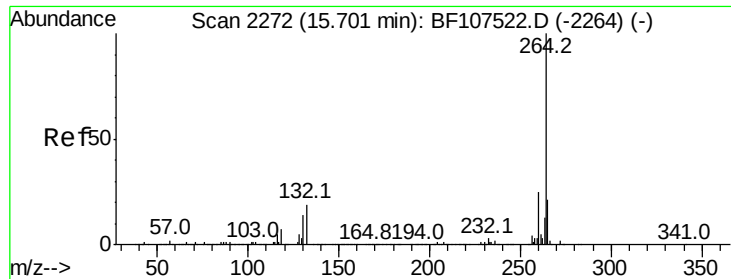


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Instrument :
BNA_F
ClientSampleId :
DSN-001A-071918

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.7	17.5	26.3

