

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105347.D
 Acq On : 12 May 2018 19:32
 Operator : JU/SJ
 Sample : J2834-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:53:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

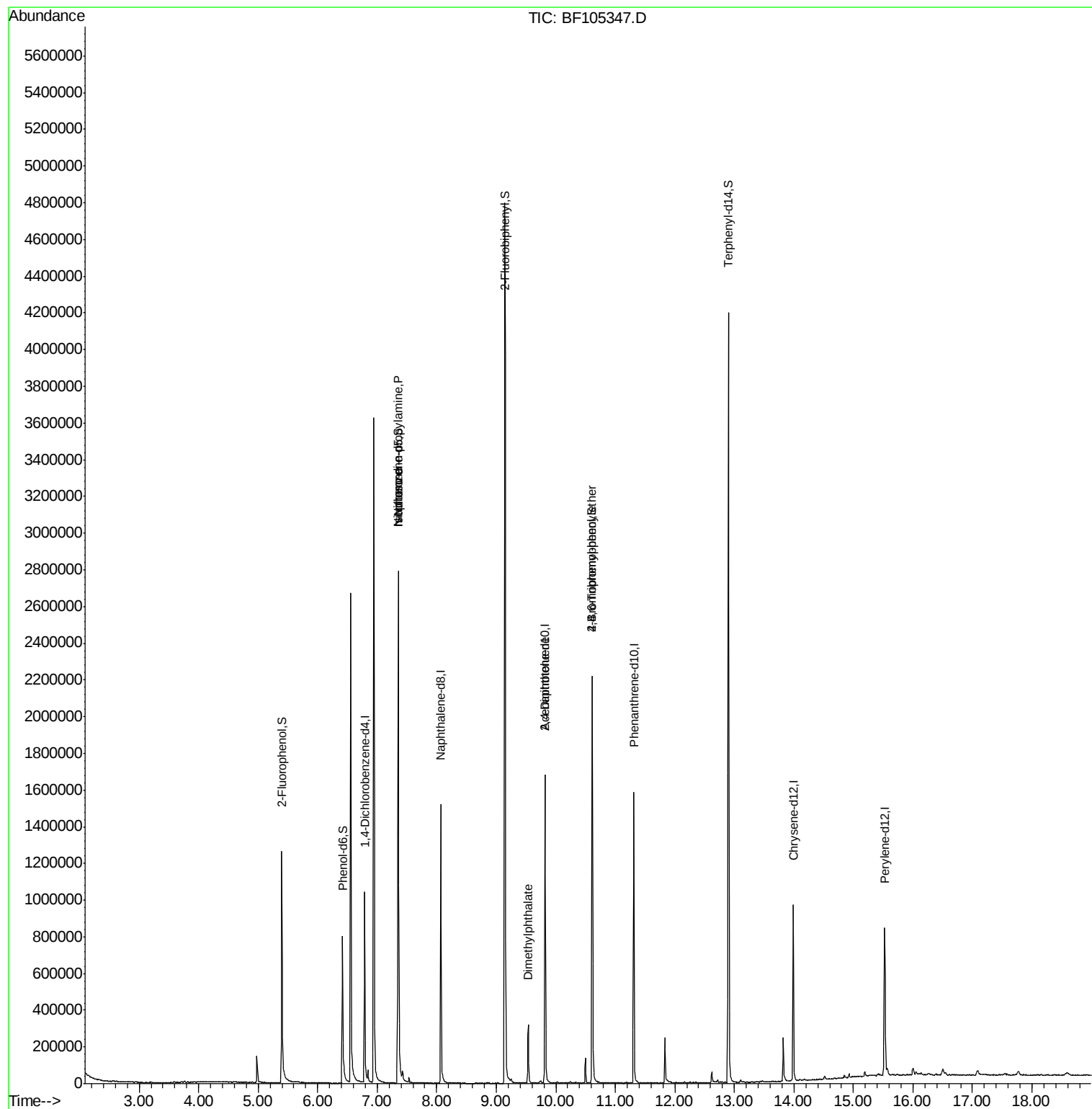
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	165712	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	713441	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	317316	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	567910	20.00	ng	0.00
75) Chrysene-d12	13.99	240	365481	20.00	ng	-0.02
86) Perylene-d12	15.53	264	400259	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	407405	36.98	ng	0.00
7) Phenol-d6	6.42	99	303436	23.18	ng	0.00
23) Nitrobenzene-d5	7.36	82	1079491	88.06	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	333641	81.38	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1731418	78.64	ng	0.00
78) Terphenyl-d14	12.90	244	1643501	96.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	147053	17.77	ng	# 81
25) Isophorone	7.36	82	1079483	46.53	ng	# 64
49) Dimethylphthalate	9.54	163	134153	5.51	ng	98
56) 2,4-Dinitrotoluene	9.82	165	40297	5.78	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	18281	2.89	ng	# 1

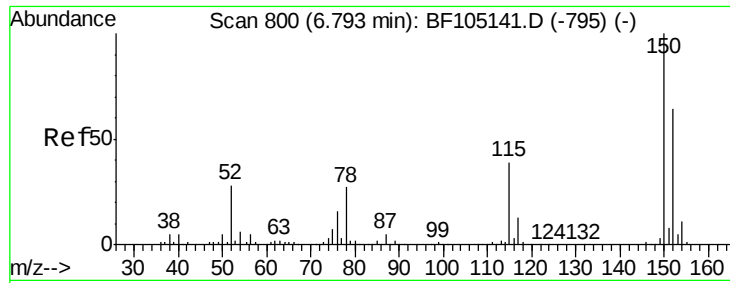
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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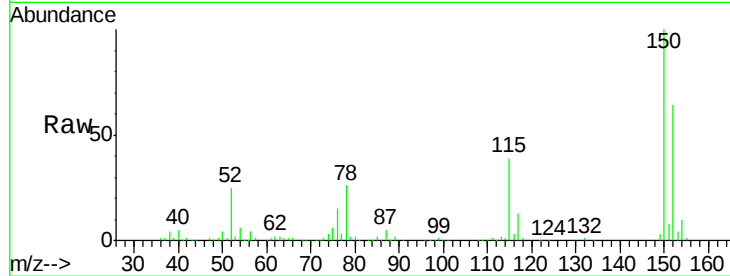


#1

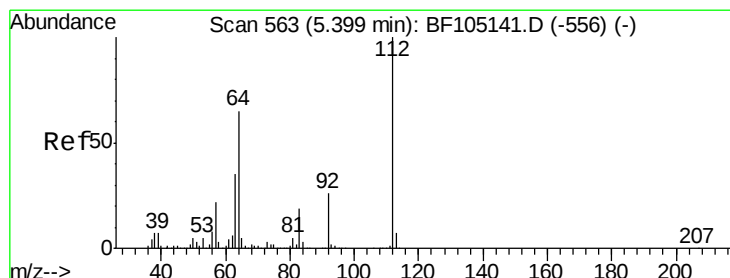
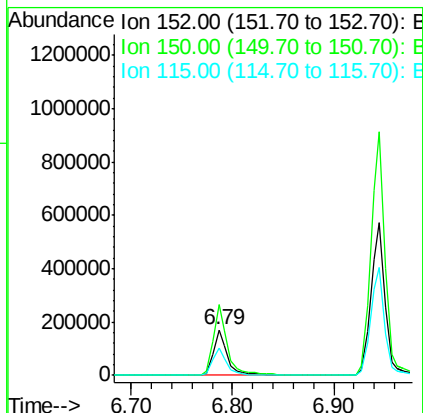
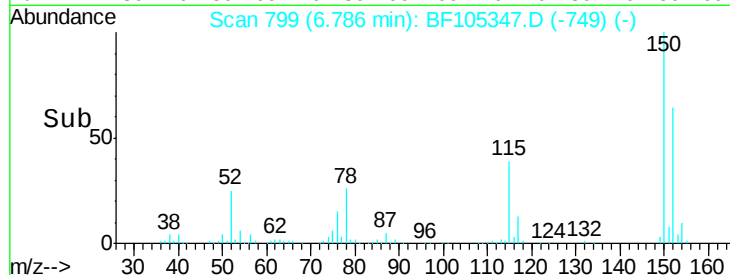
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105347.D
Acq: 12 May 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165712
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 60.9 50.1 75.1



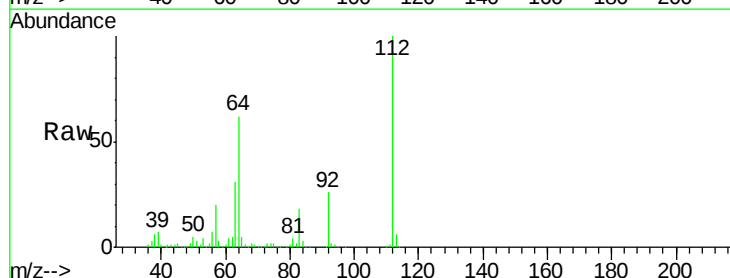
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



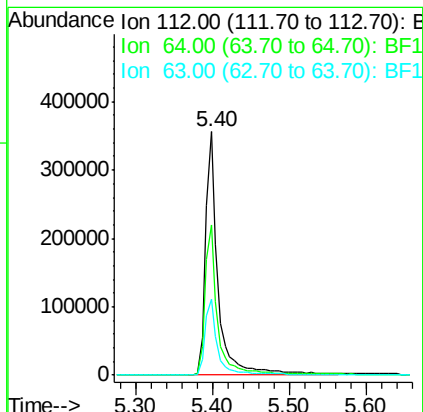
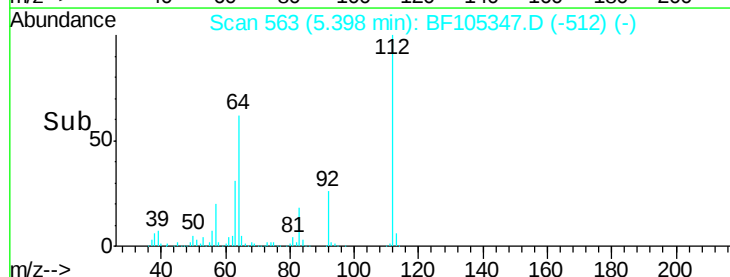
#5

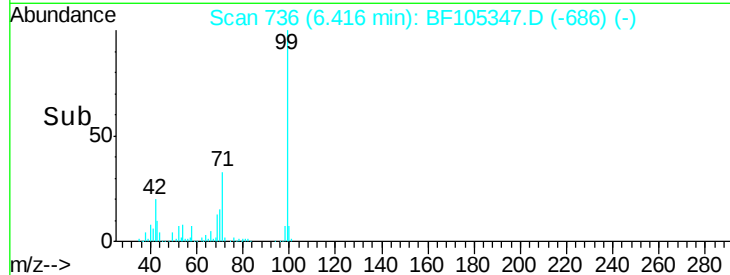
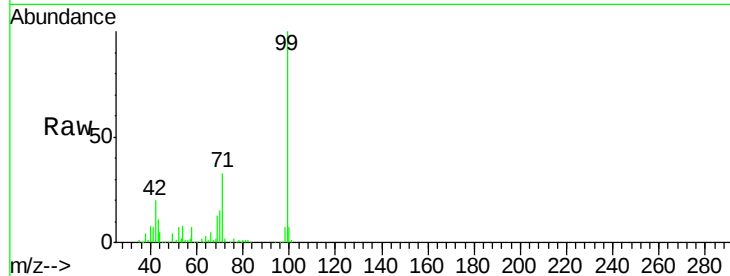
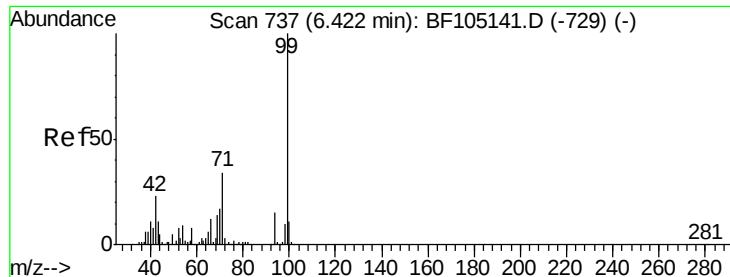
2-Fluorophenol
Concen: 36.98 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF105347.D
Acq: 12 May 2018 19:32

Tgt Ion:112 Resp: 407405
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 31.0 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: 23.18 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105347.D

Acq: 12 May 2018 19:32

Instrument :

BNA_F

ClientSampleId :

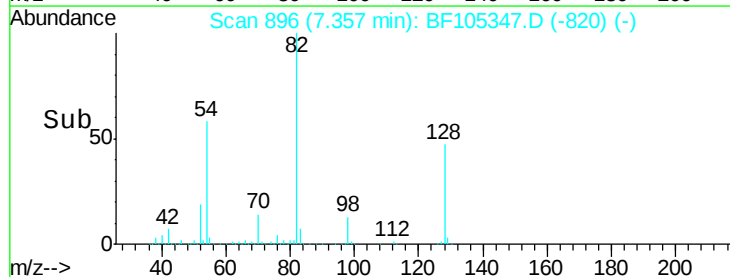
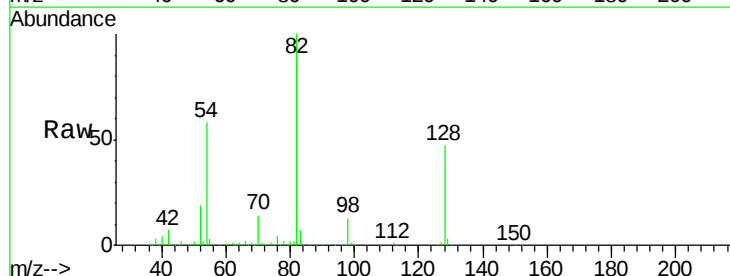
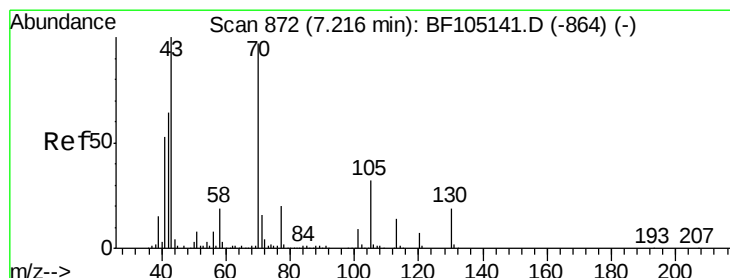
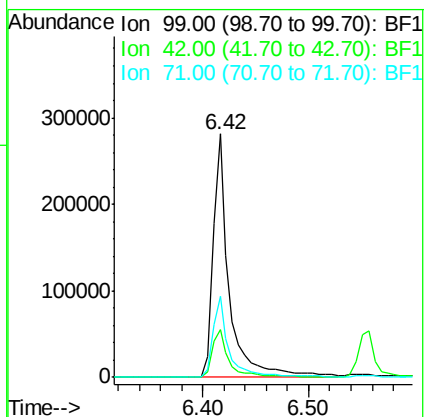
Tot Ion: 99 Resp: 303436

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 33.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.77 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF105347.D

Acq: 12 May 2018 19:32

Tgt Ion: 70 Resp: 147053

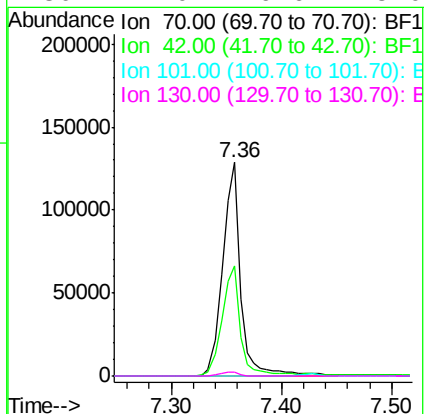
Ion Ratio Lower Upper

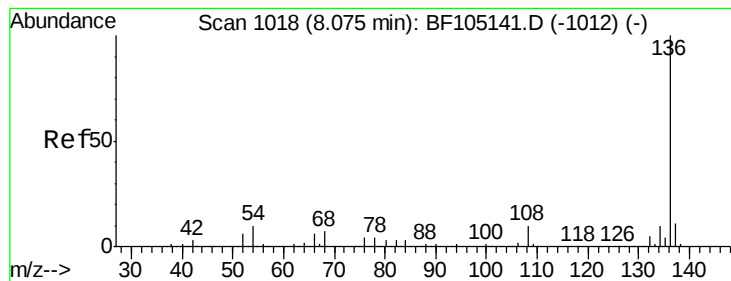
70 100

42 51.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105347.D

Acq: 12 May 2018 19:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 713441

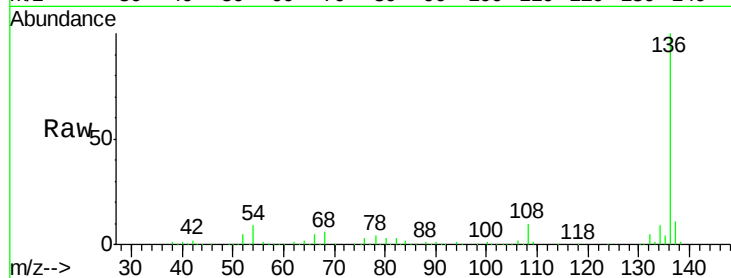
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.3 6.6 9.8

68 6.1 5.0 7.4

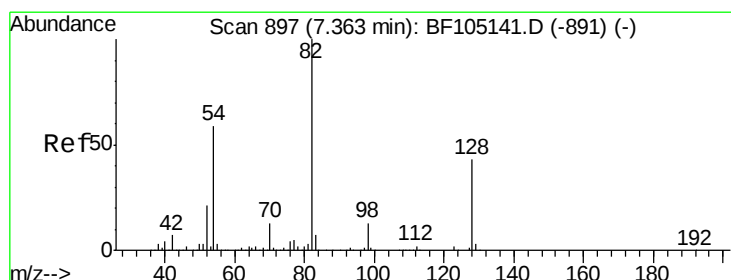
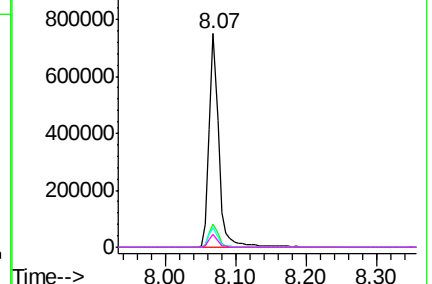
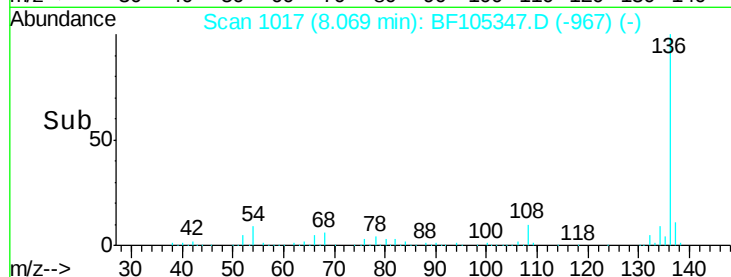


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.06 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF105347.D

Acq: 12 May 2018 19:32

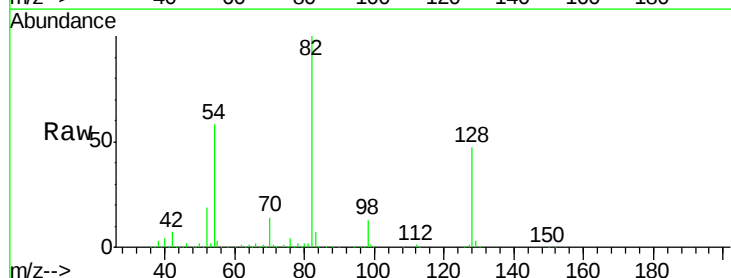
Tgt Ion: 82 Resp: 1079491

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

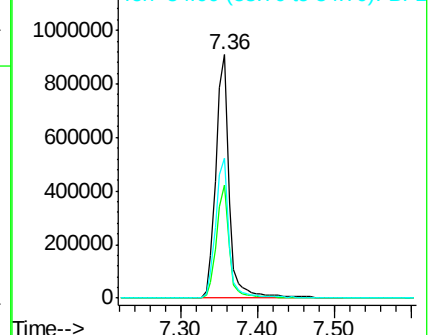
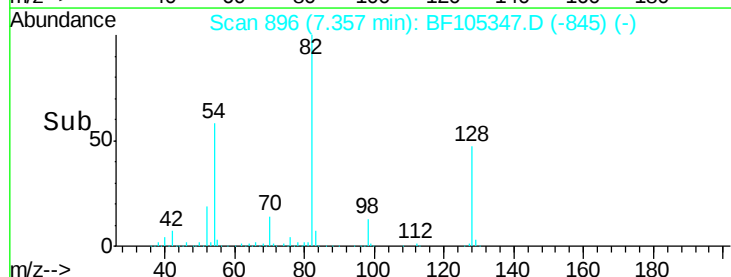
54 57.6 41.4 62.2

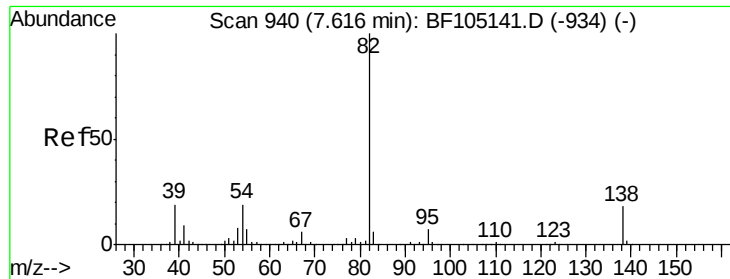


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

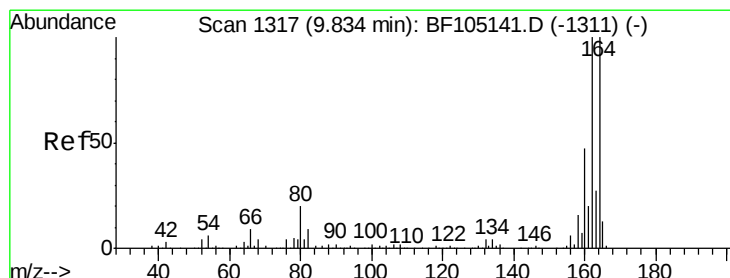
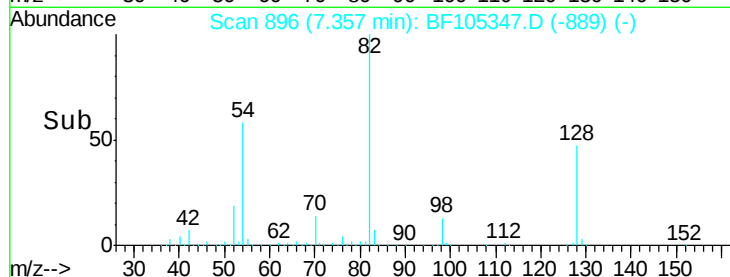
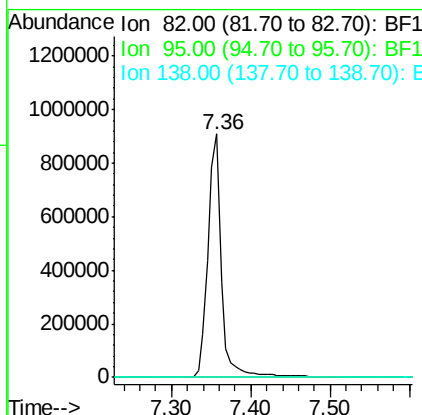
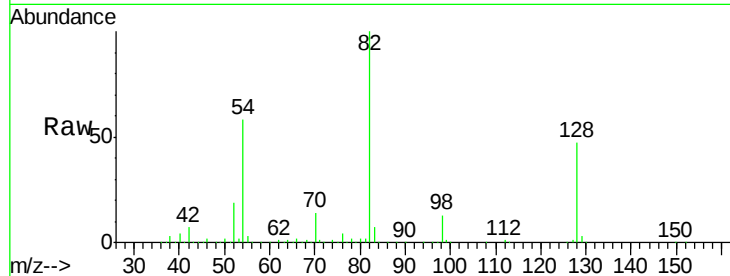




#25
Isophorone
Concen: 46.53 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105347.D
Acq: 12 May 2018 19:32

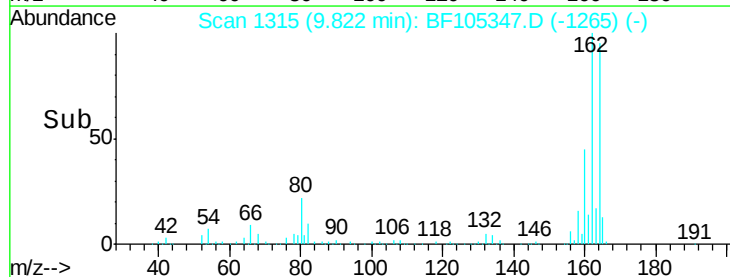
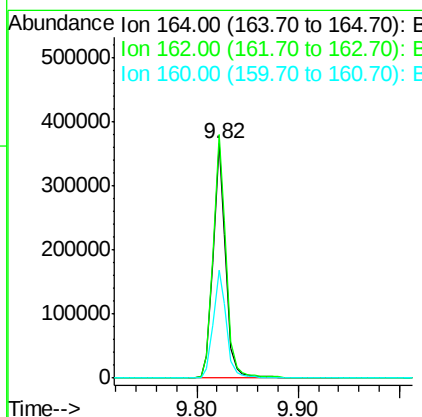
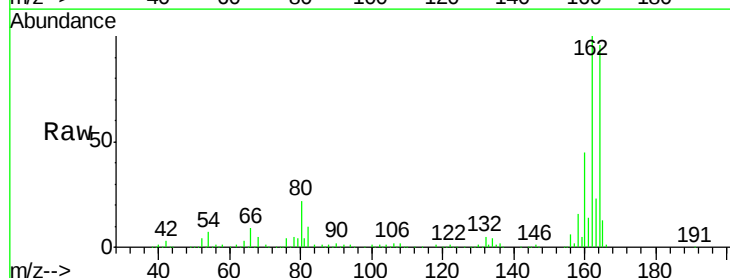
Instrument :
BNA_F
ClientSampleId :

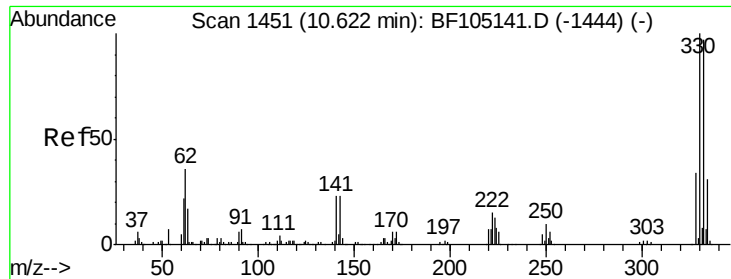
Tot Ion: 82 Resp: 1079483
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105347.D
Acq: 12 May 2018 19:32

Tgt Ion:164 Resp: 317316
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 46.3 38.3 57.5

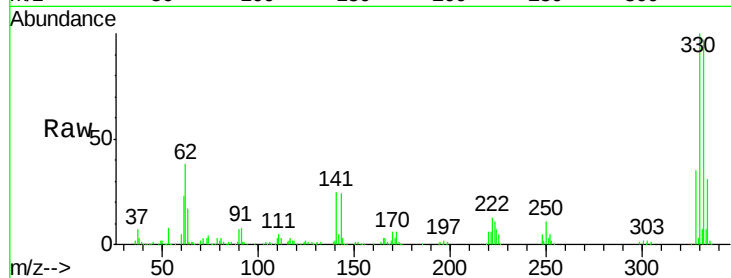




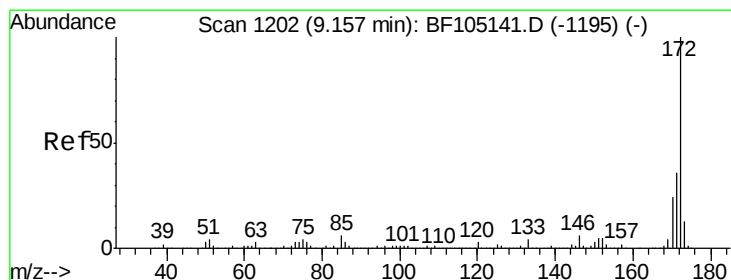
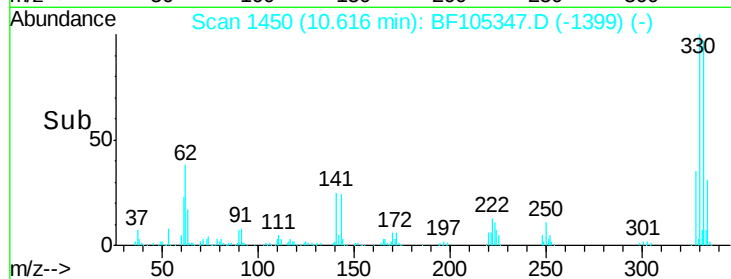
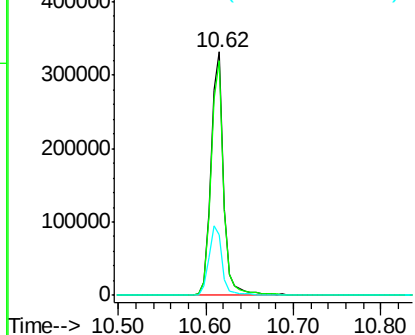
#41
 2,4,6-Tribromophenol
 Concen: 81.38 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF105347.D
 Acq: 12 May 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	30.0	29.9	44.9

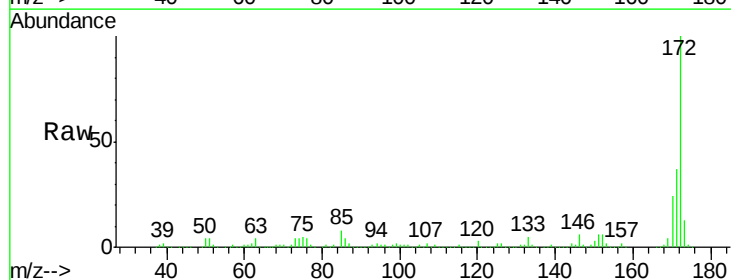


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

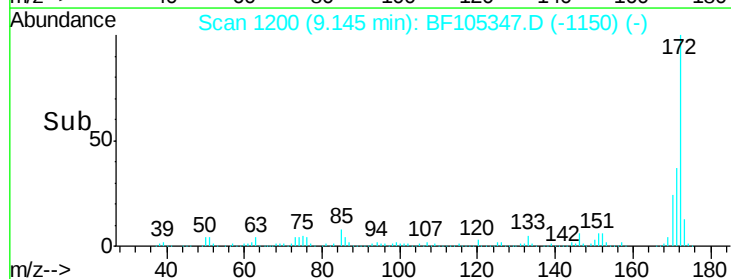
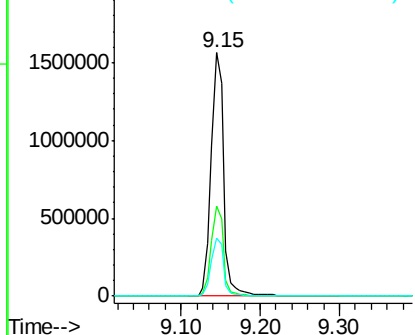


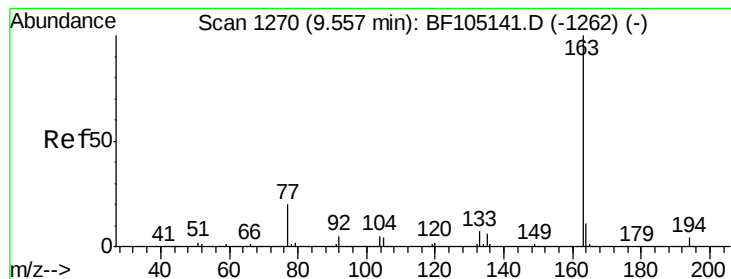
#44
 2-Fluorobiphenyl
 Concen: 78.64 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105347.D
 Acq: 12 May 2018 19:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.0	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: 5.51 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF105347.D

Acq: 12 May 2018 19:32

Instrument :

BNA_F

ClientSampleId :

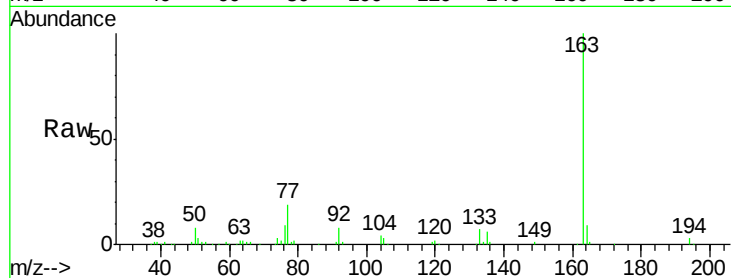
Tot Ion:163 Resp: 134153

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

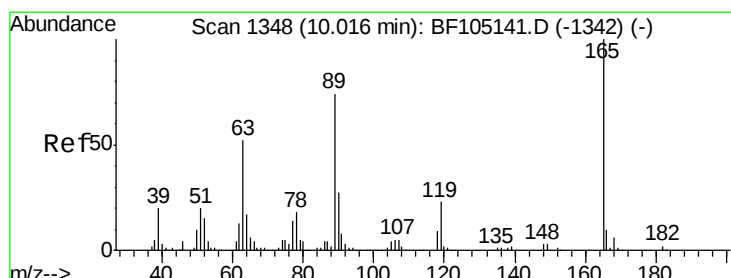
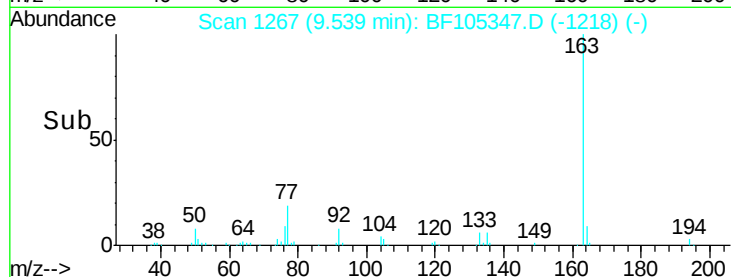
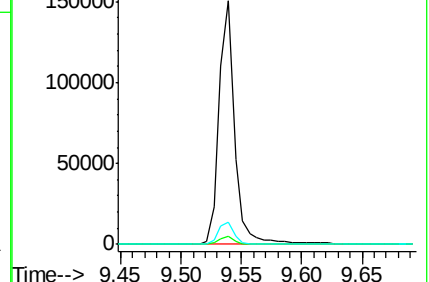
164 9.1 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.78 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.19 min

Lab File: BF105347.D

Acq: 12 May 2018 19:32

Tgt Ion:165 Resp: 40297

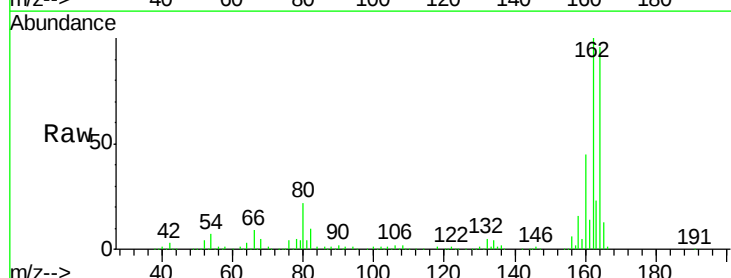
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

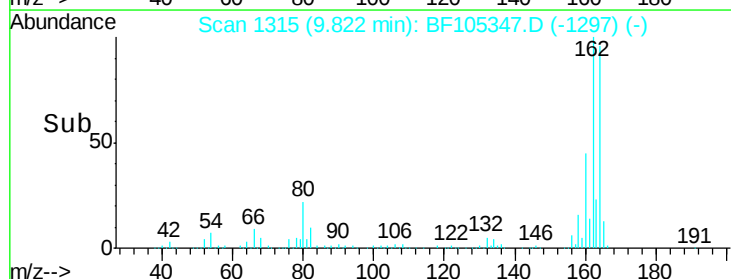
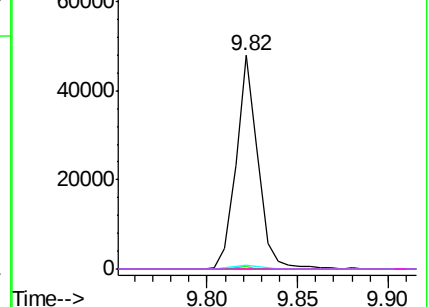


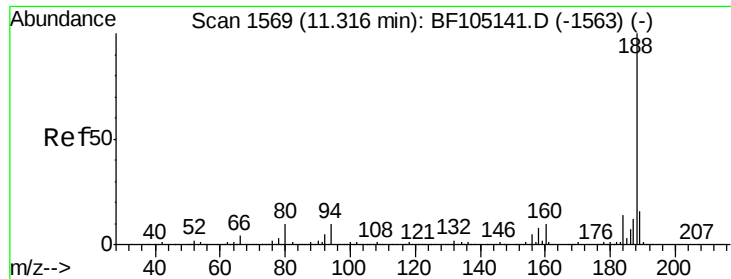
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

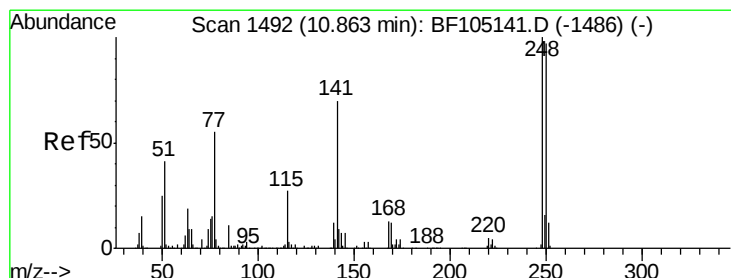
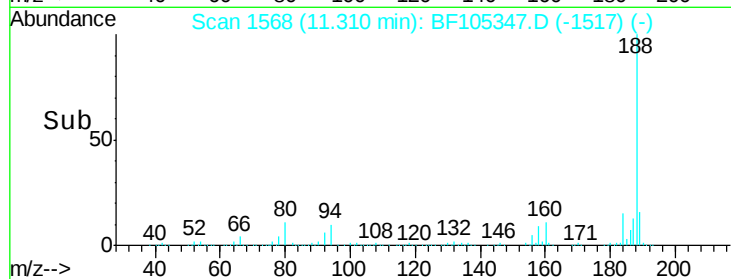
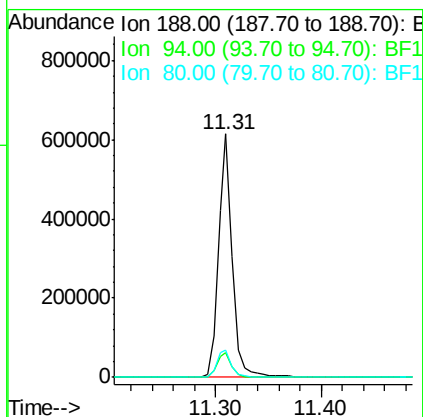
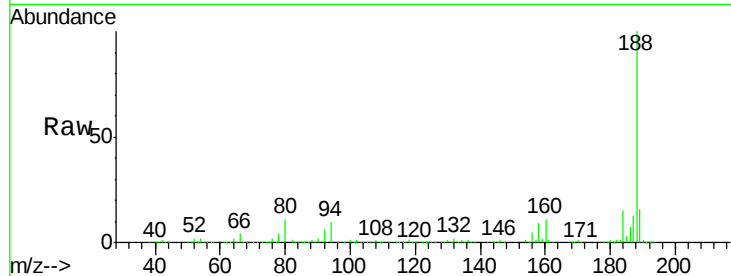




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF105347.D
Acq: 12 May 2018 19:32

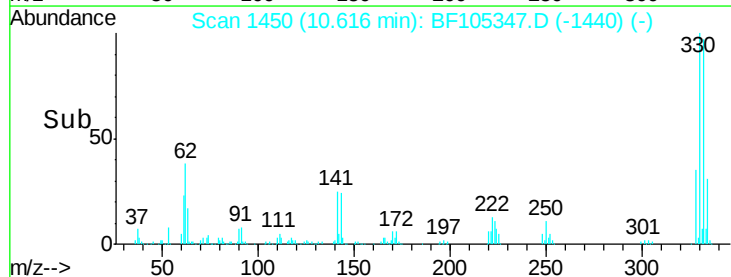
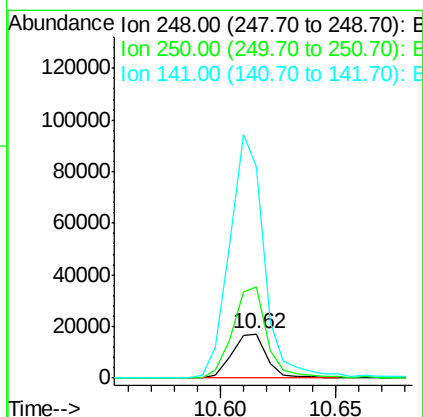
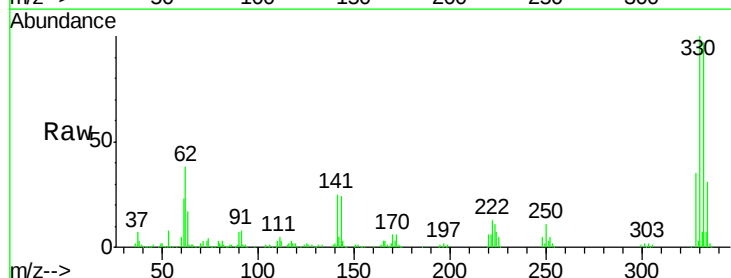
Instrument :
BNA_F
ClientSampleId :

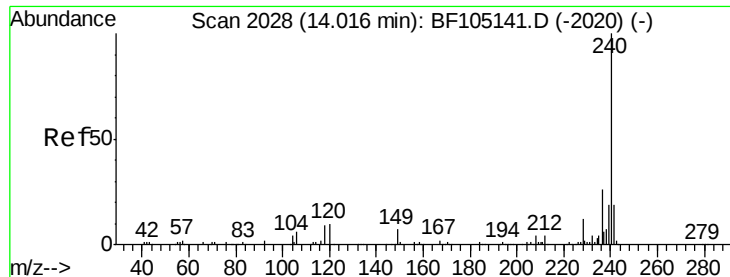
Tot Ion:188 Resp: 567910
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.89 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF105347.D
Acq: 12 May 2018 19:32

Tgt Ion:248 Resp: 18281
Ion Ratio Lower Upper
248 100
250 205.2 76.9 115.3#
141 478.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF105347.D

Acq: 12 May 2018 19:32

Instrument :

BNA_F

ClientSampleId :

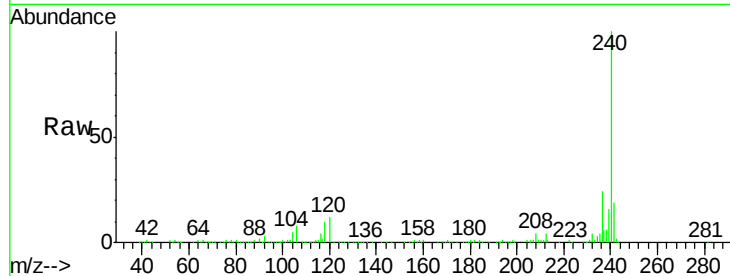
Tot Ion:240 Resp: 365481

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

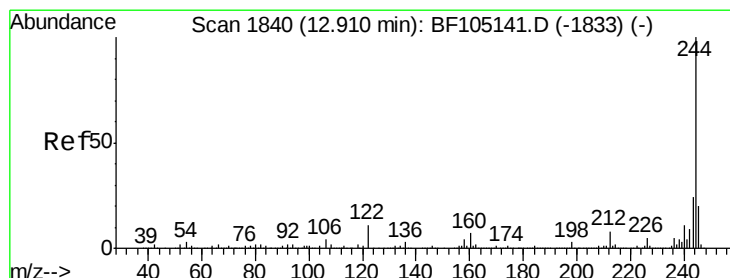
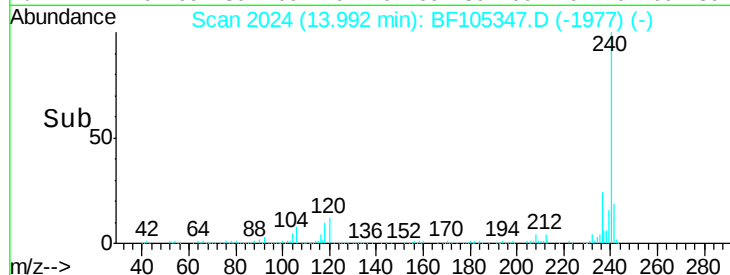
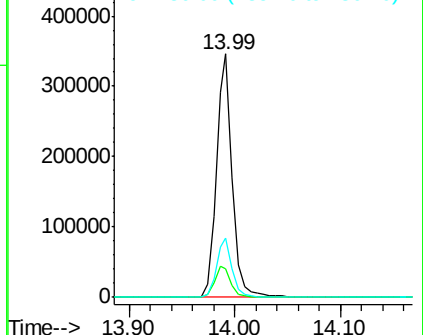
236 24.1 20.7 31.1



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: 96.67 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF105347.D

Acq: 12 May 2018 19:32

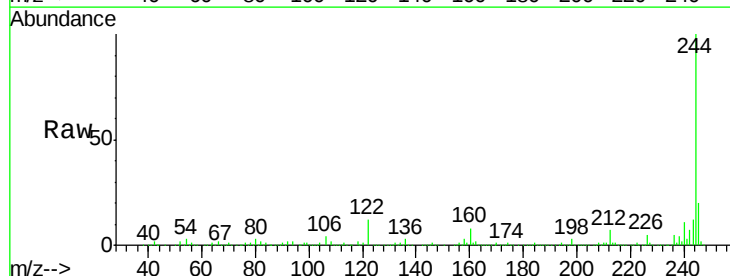
Tgt Ion:244 Resp: 1643501

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

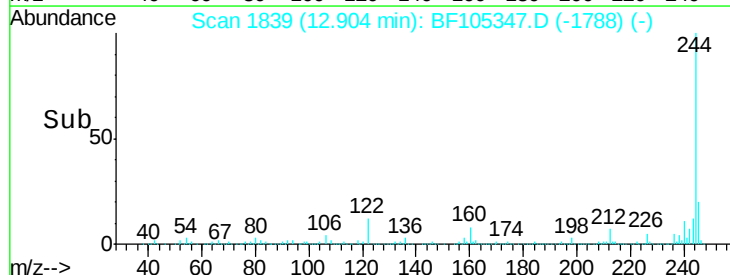
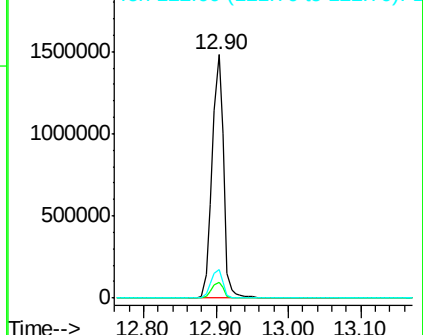
122 11.9 11.0 16.4

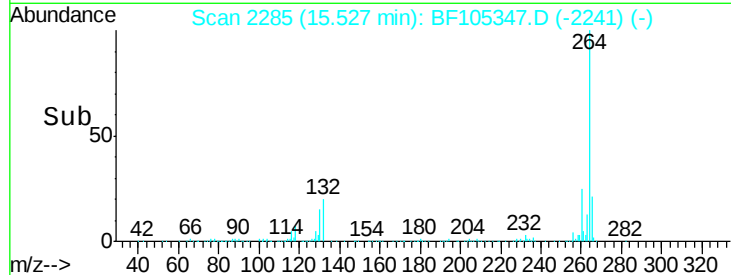
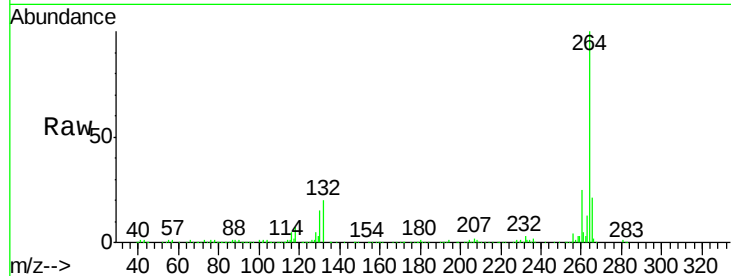
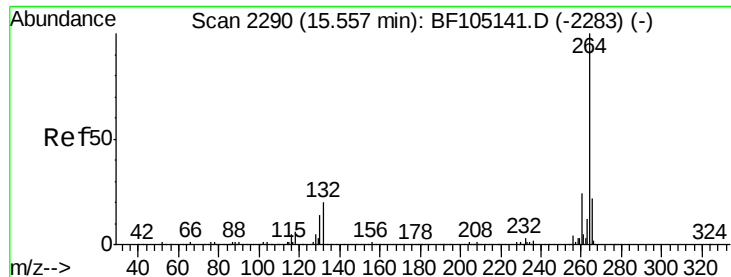


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: BF105347.D
 Acq: 12 May 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	400259
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.2 28.8
265	21.4	17.5 26.3

