

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
 Data File : BF107615.D
 Acq On : 24 Jul 2018 13:37
 Operator : JU/SJ
 Sample : PB111380BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BL

Quant Time: Jul 25 01:01:06 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	255415	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	1000742	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	477676	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	1029601	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	904603	20.00	ng	-0.02
86) Perylene-d12	15.68	264	781467	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1720918	108.33	ng	0.00
7) Phenol-d6	6.61	99	2098801	110.03	ng	0.00
23) Nitrobenzene-d5	7.53	82	1326431	89.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	596712	109.85	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2430106	87.96	ng	-0.01
78) Terphenyl-d14	13.09	244	2745543	77.70	ng	-0.01

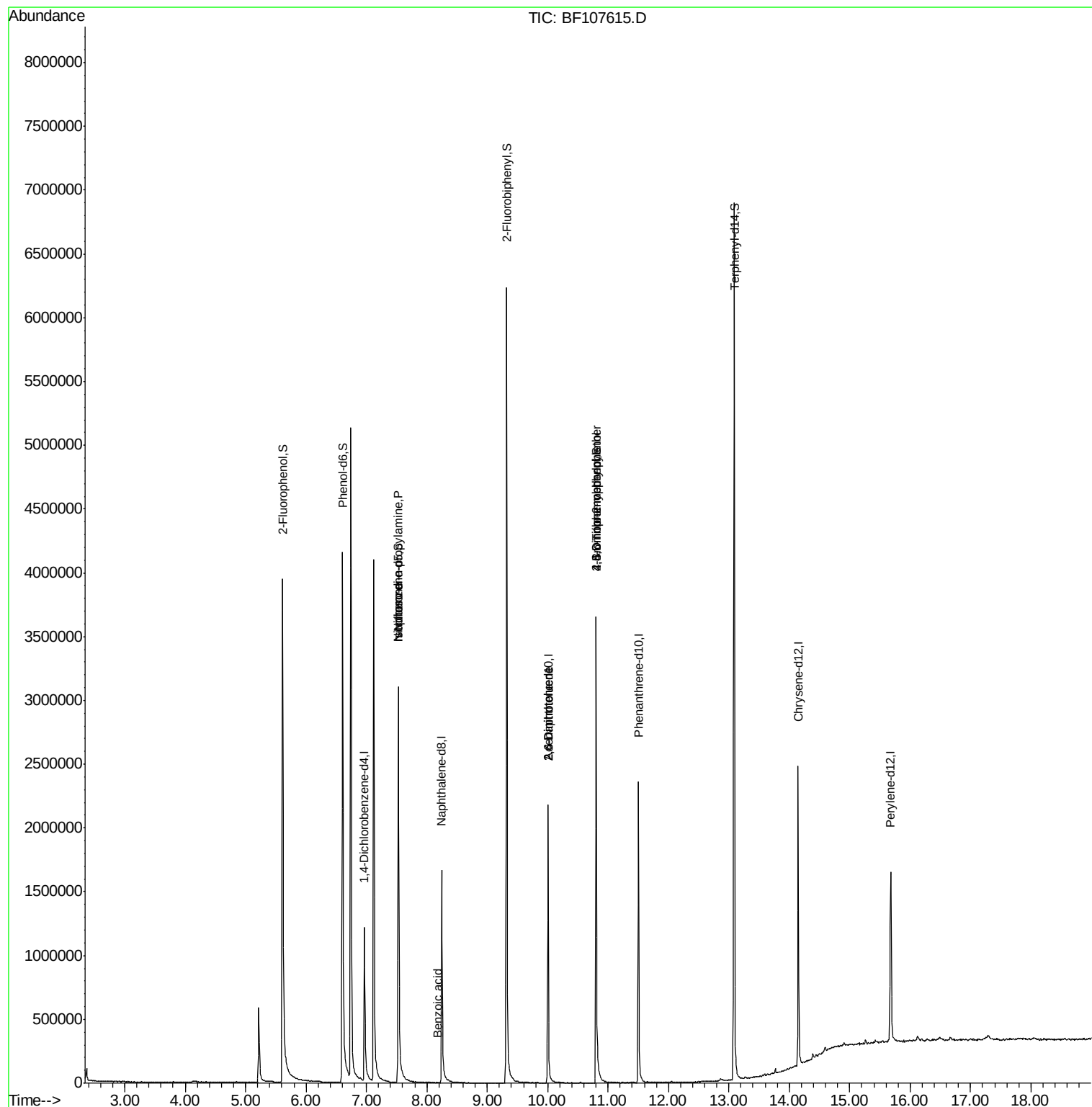
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	173841	14.107	ng	# 82
25) Isophorone	7.53	82	1326426	41.894	ng	# 64
32) Benzoic acid	8.17	122	107	7.909	ng	# 47
50) 2,6-Dinitrotoluene	10.01	165	60121	8.411	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	60563	7.019	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.81	198	814	8.815	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	36422	3.005	ng	# 1
73) Di-n-butylphthalate	12.05	149	6074	Below Cal		# 91
81) 3,3'-Dichlorobenzidine	14.11	252	120	Below Cal		# 27

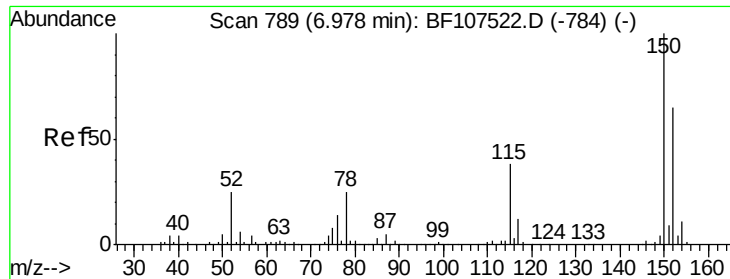
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
Data File : BF107615.D
Acq On : 24 Jul 2018 13:37
Operator : JU/SJ
Sample : PB111380BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111380BL

Quant Time: Jul 25 01:01:06 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



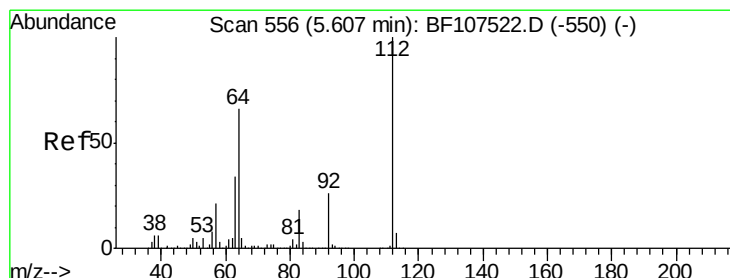
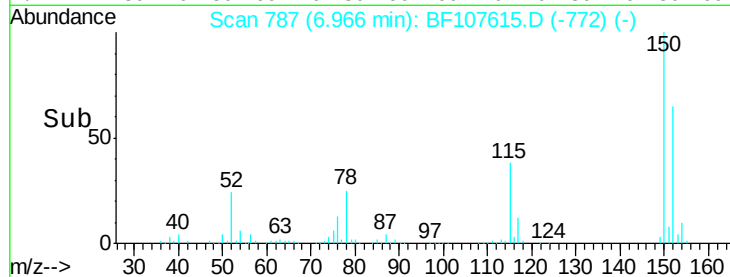
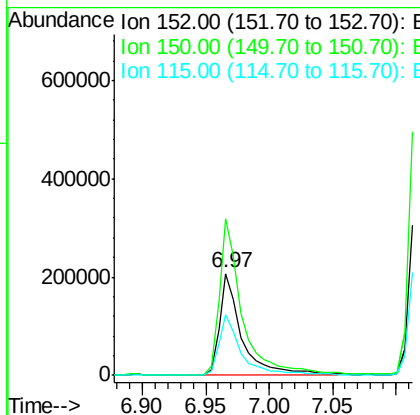
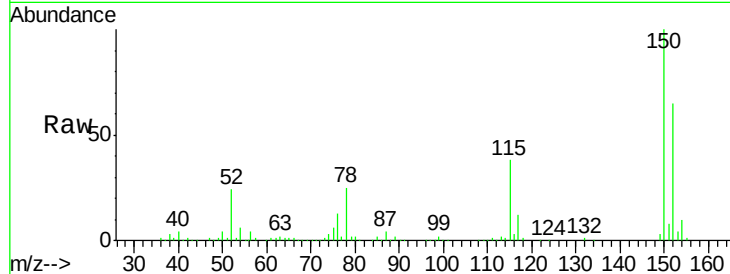


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107615.D
Acq: 24 Jul 2018 13:37

Instrument :
BNA_F
ClientSampleId :
PB111380BL

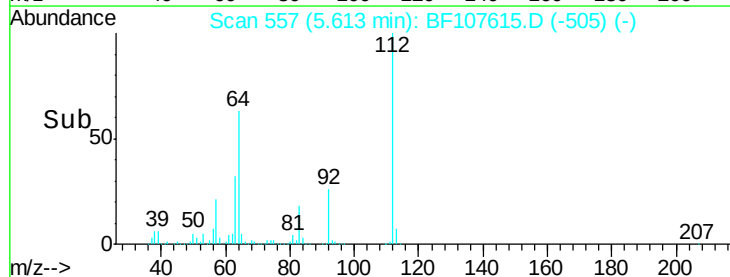
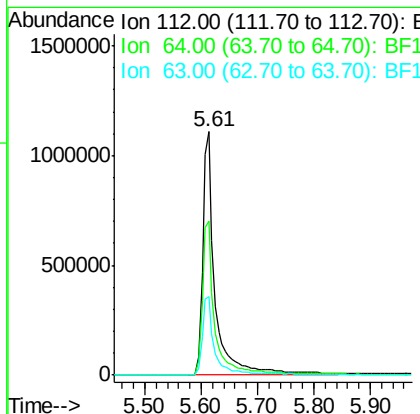
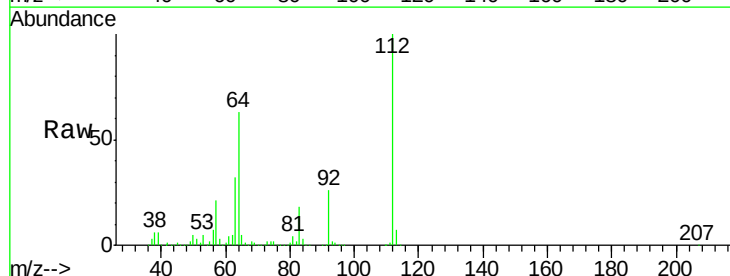
Tgt Ion:152 Resp: 255415
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 59.1 50.1 75.1

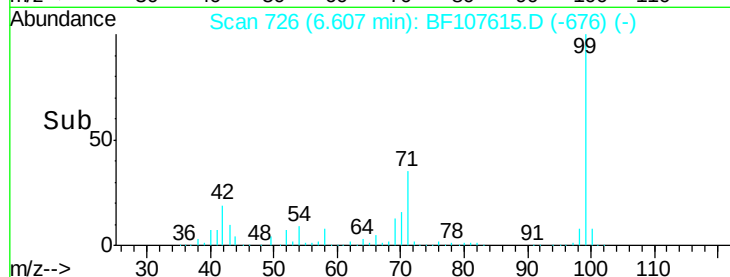
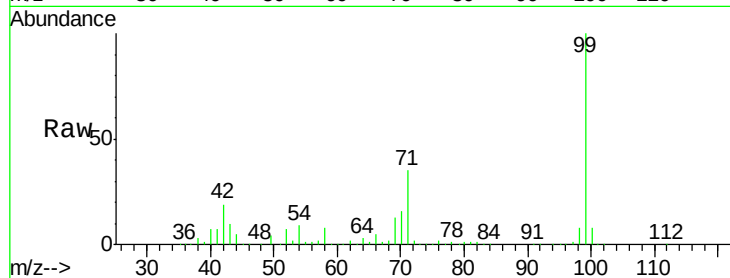
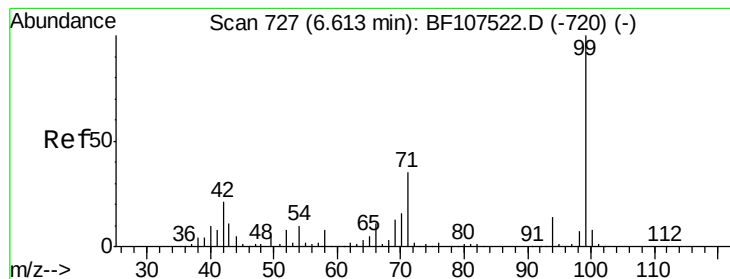


#5

2-Fluorophenol
Concen: 108.330 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107615.D
Acq: 24 Jul 2018 13:37

Tgt Ion:112 Resp: 1720918
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 32.5 23.7 35.5





#7

Phenol-d6

Concen: 110.030 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107615.D

Acq: 24 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB111380BL

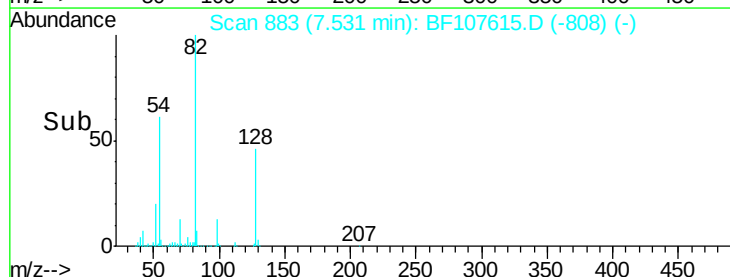
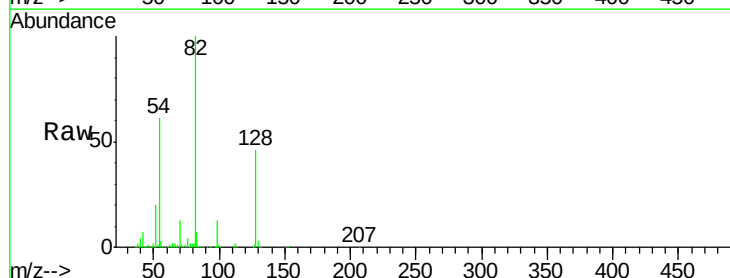
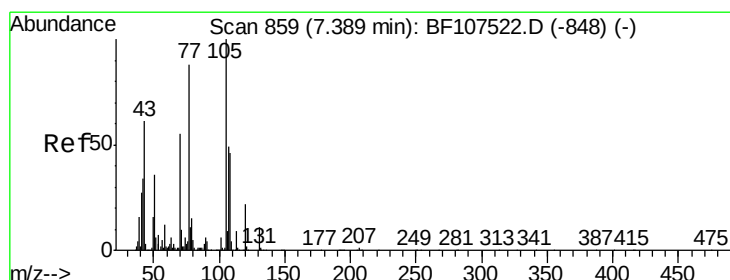
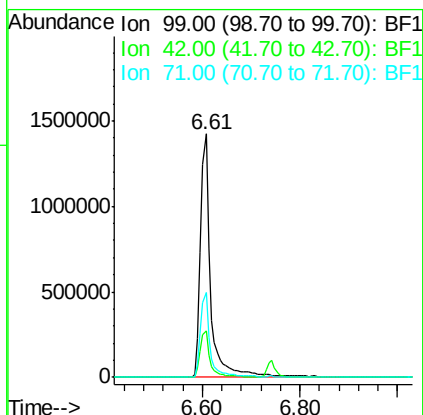
Tgt Ion: 99 Resp: 2098801

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 35.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.107 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF107615.D

Acq: 24 Jul 2018 13:37

Tgt Ion: 70 Resp: 173841

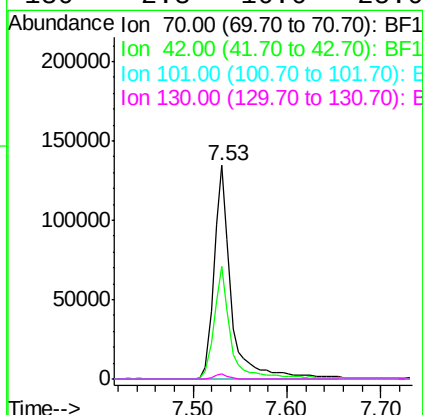
Ion Ratio Lower Upper

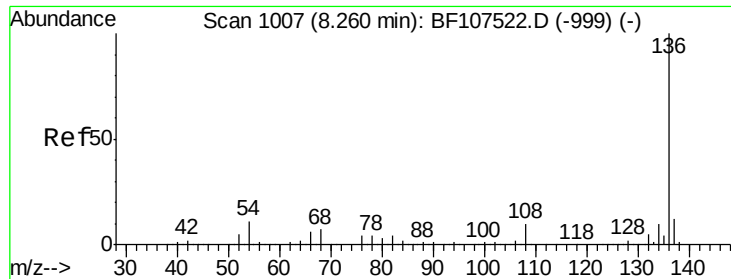
70 100

42 52.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

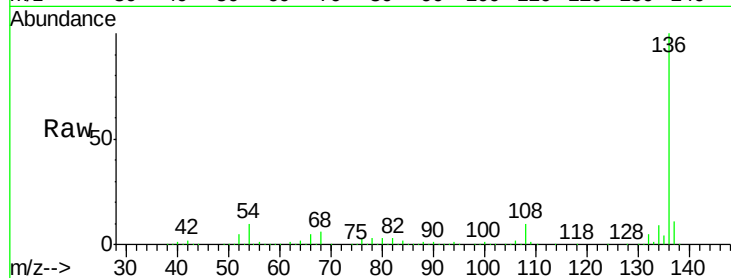




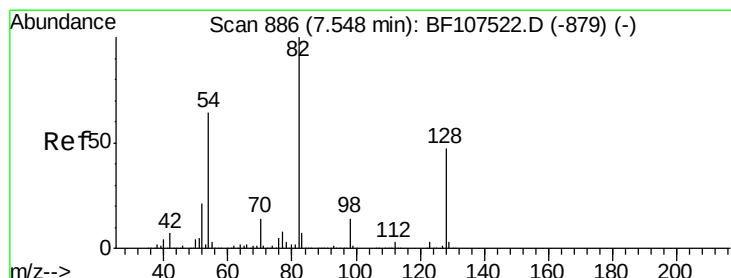
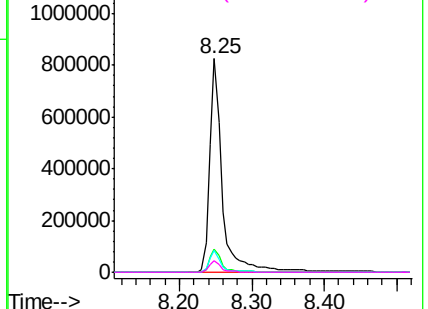
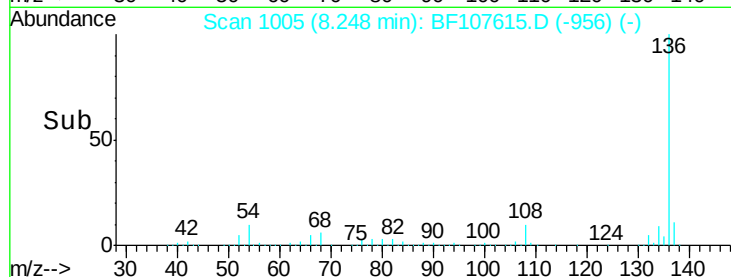
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107615.D
Acq: 24 Jul 2018 13:37

Instrument :
BNA_F
ClientSampleId :
PB111380BL

Tgt Ion:136 Resp: 1000742
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.0 6.6 9.8#
68 5.6 5.0 7.4

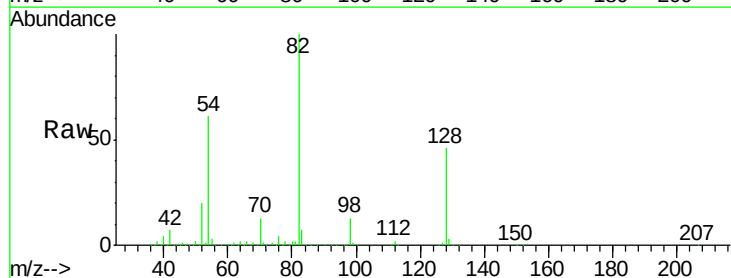


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

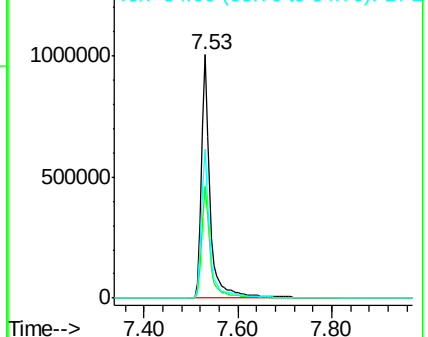
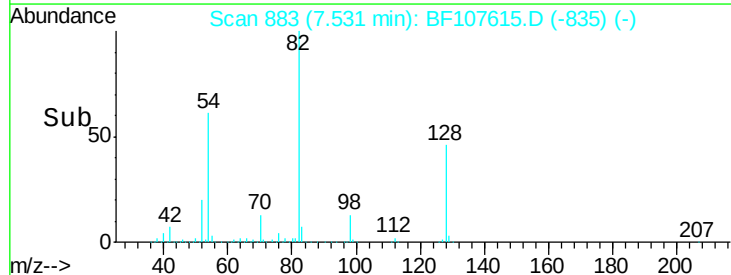


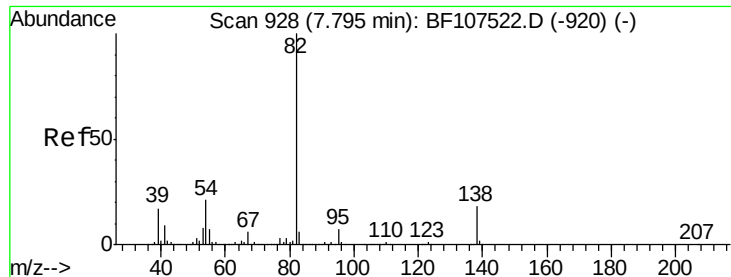
#23
Nitrobenzene-d5
Concen: 89.451 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107615.D
Acq: 24 Jul 2018 13:37

Tgt Ion: 82 Resp: 1326431
Ion Ratio Lower Upper
82 100
128 46.0 36.1 54.1
54 61.4 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: 41.894 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107615.D

Acq: 24 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB111380BL

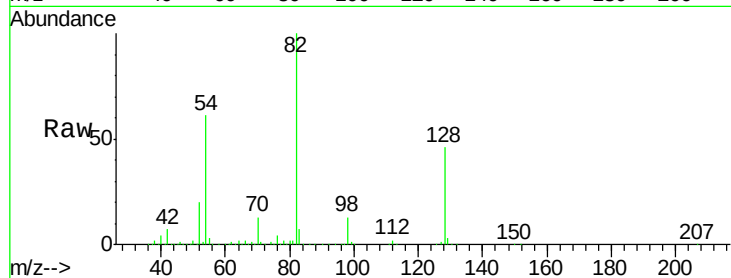
Tgt Ion: 82 Resp: 1326426

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

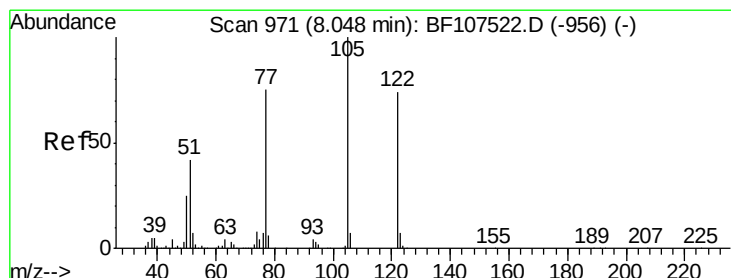
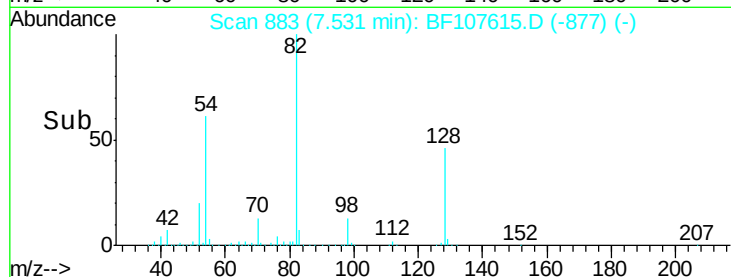
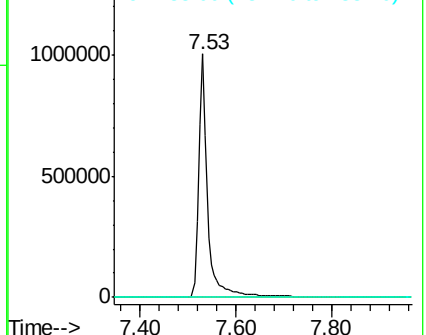
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 7.909 ng

RT: 8.17 min Scan# 992

Delta R.T. 0.12 min

Lab File: BF107615.D

Acq: 24 Jul 2018 13:37

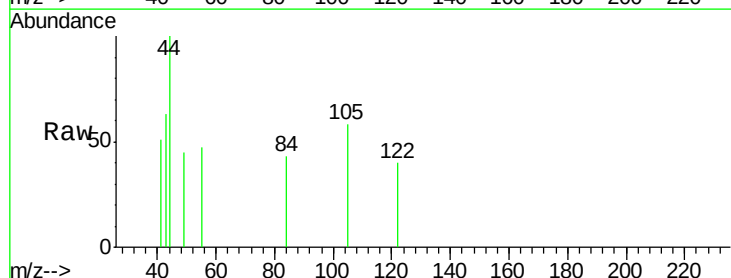
Tgt Ion: 122 Resp: 107

Ion Ratio Lower Upper

122 100

105 144.7 101.1 141.1#

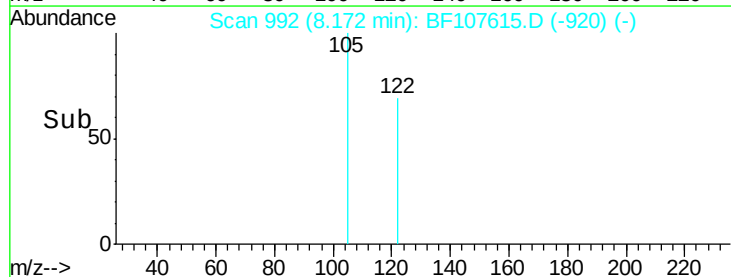
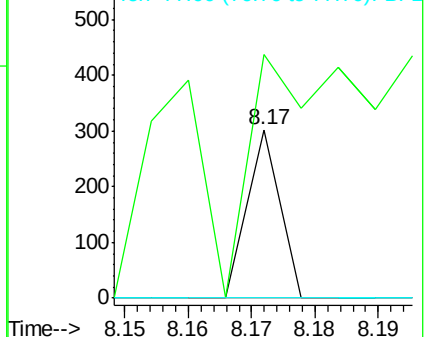
77 0.0 70.7 110.7#

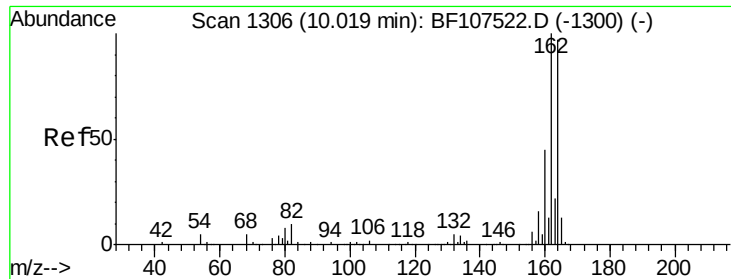


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF107615.D

Acq: 24 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB111380BL

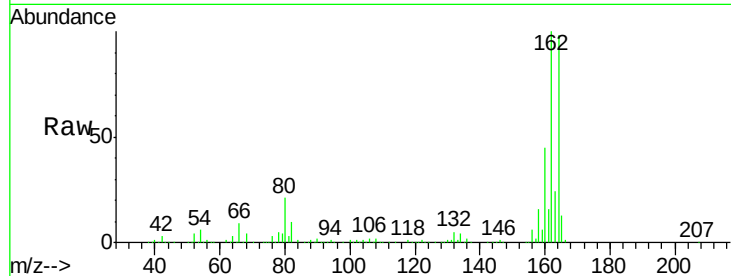
Tgt Ion:164 Resp: 477676

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

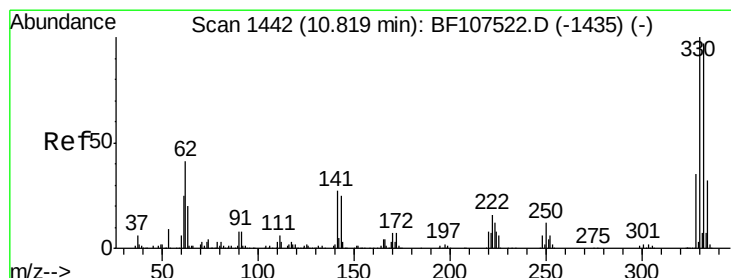
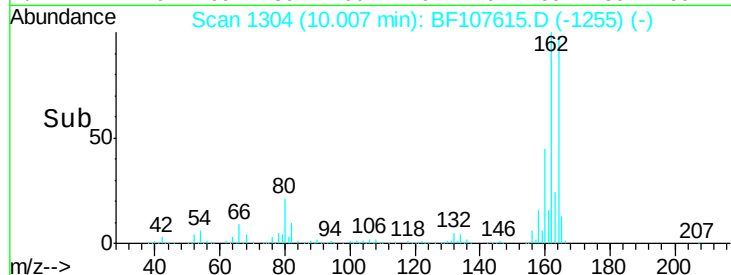
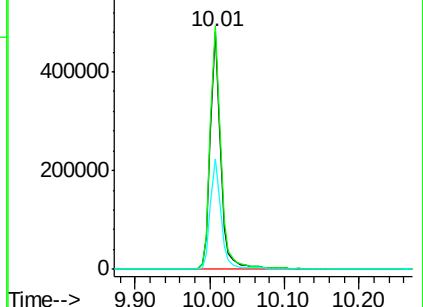
160 46.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 109.853 ng

RT: 10.81 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF107615.D

Acq: 24 Jul 2018 13:37

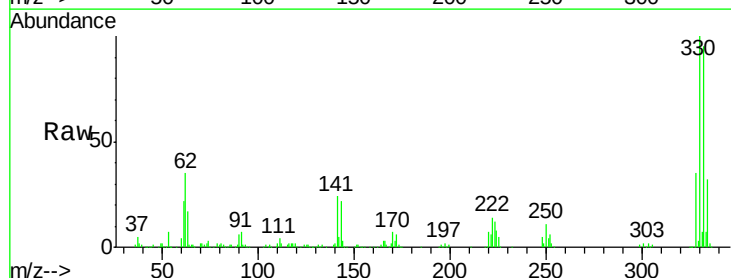
Tgt Ion:330 Resp: 596712

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

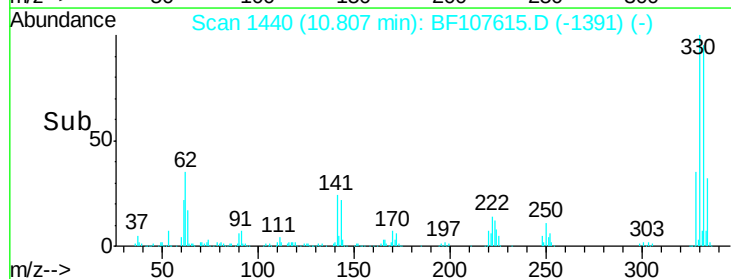
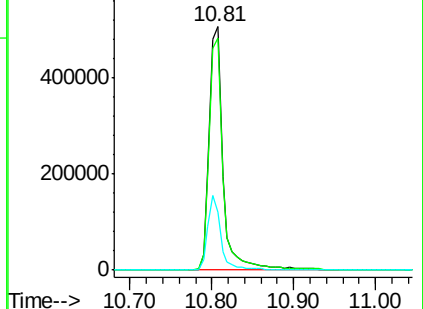
141 29.6 29.9 44.9#

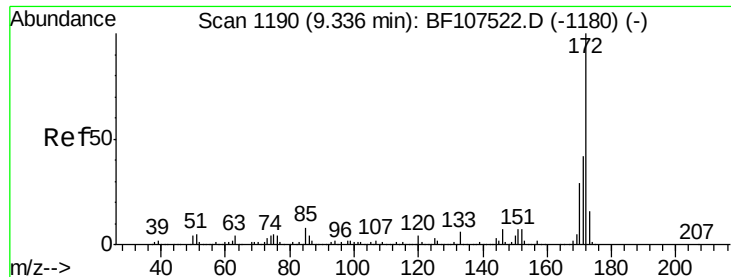


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

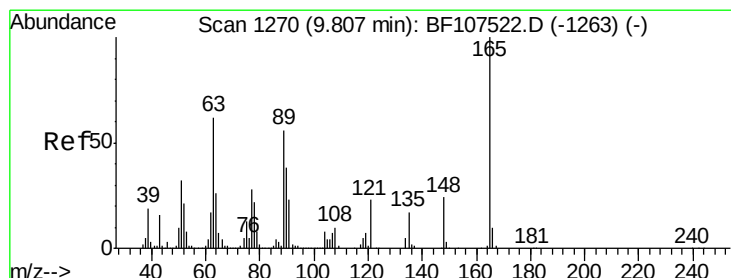
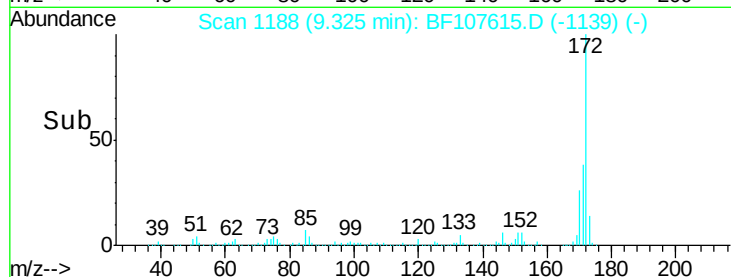
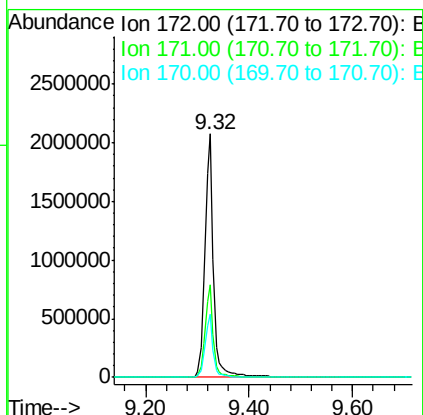
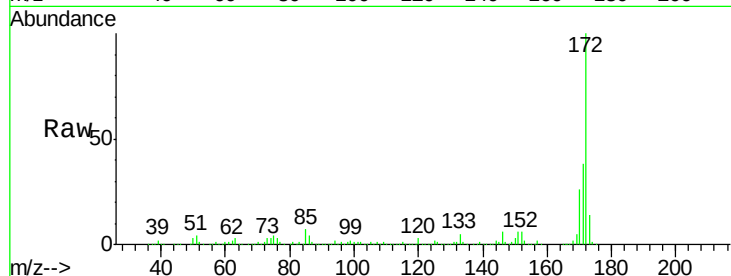




#44
 2-Fluorobiphenyl
 Concen: 87.957 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107615.D
 Acq: 24 Jul 2018 13:37

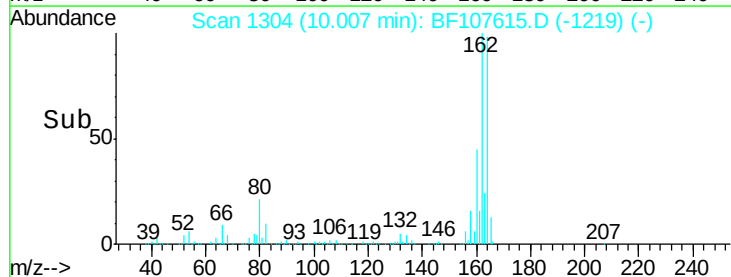
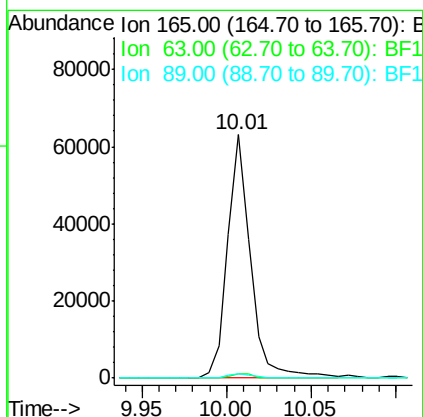
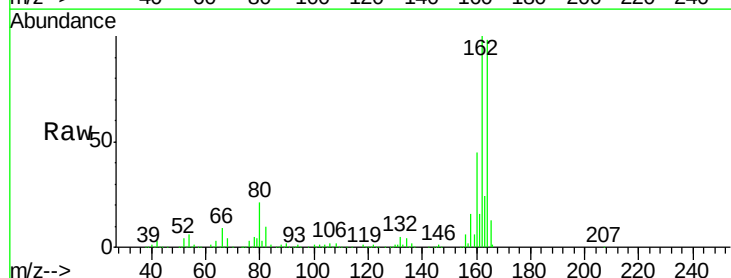
Instrument :
 BNA_F
 ClientSampleId :
 PB111380BL

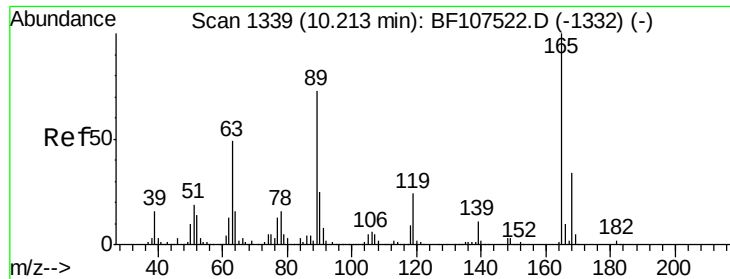
Tgt Ion:172 Resp: 2430106
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.7 44.5
 170 26.0 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.411 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF107615.D
 Acq: 24 Jul 2018 13:37

Tgt Ion:165 Resp: 60121
 Ion Ratio Lower Upper
 165 100
 63 1.7 44.7 67.1#
 89 1.6 44.0 66.0#

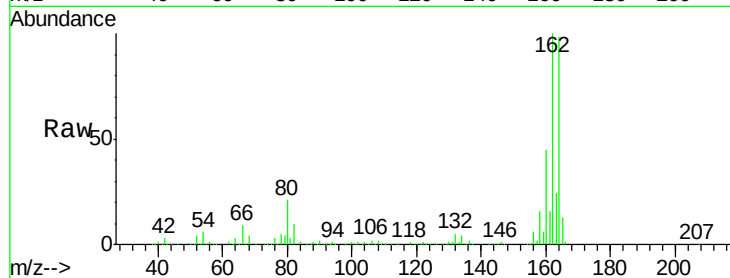




#56
 2,4-Dinitrotoluene
 Concen: 7.019 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF107615.D
 Acq: 24 Jul 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

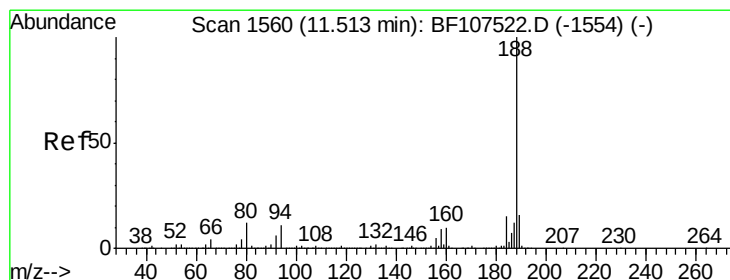
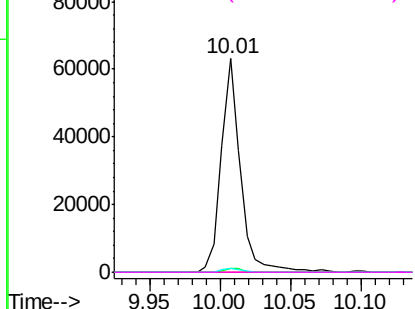
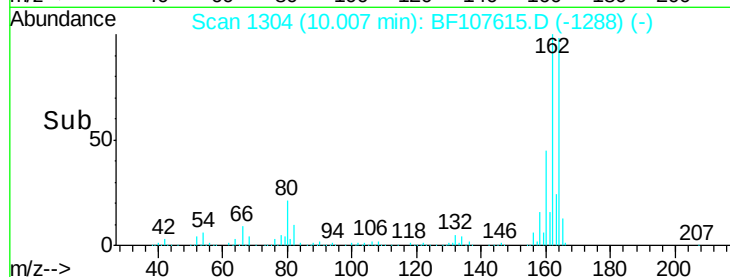


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

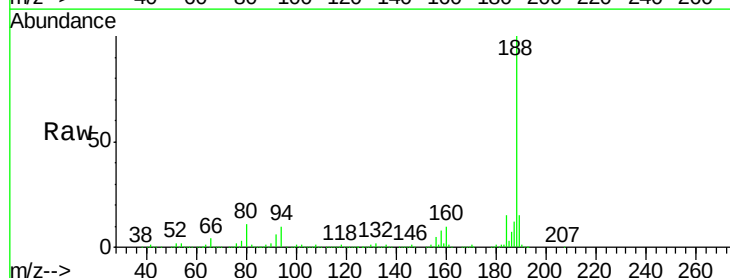
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF107615.D
 Acq: 24 Jul 2018 13:37

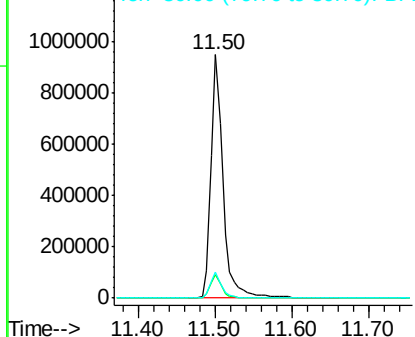
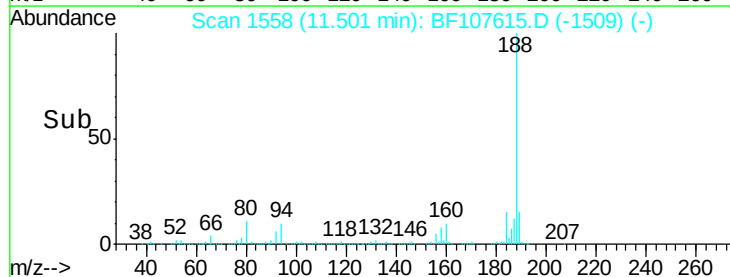
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.7	9.2	13.8

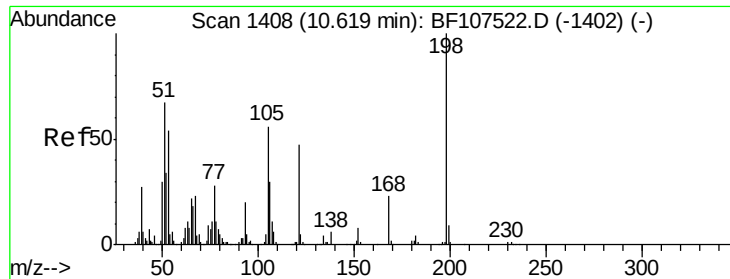


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

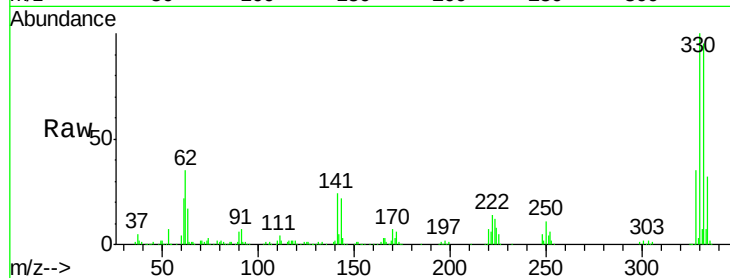




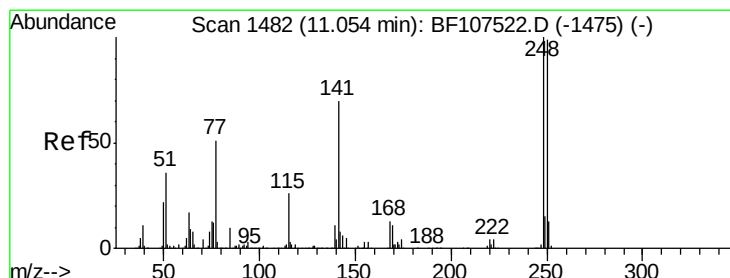
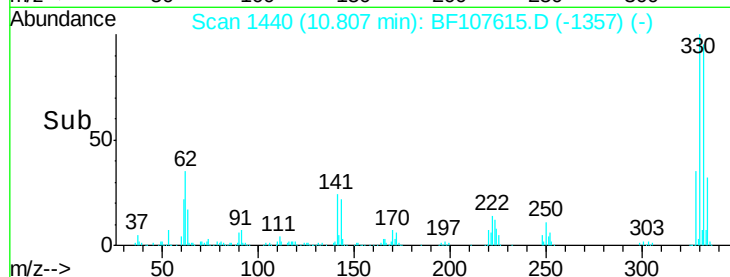
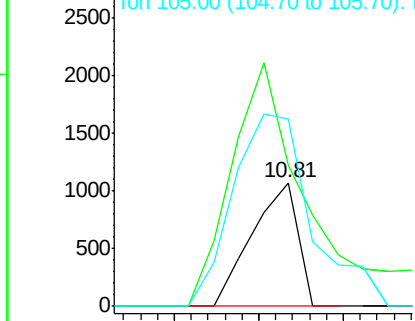
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.815 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.19 min
 Lab File: BF107615.D
 Acq: 24 Jul 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BL

Tgt Ion:198 Resp: 814
 Ion Ratio Lower Upper
 198 100
 51 114.7 37.7 77.7#
 105 151.6 36.3 76.3#

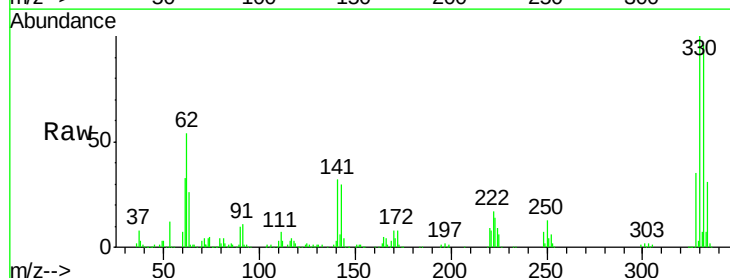


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

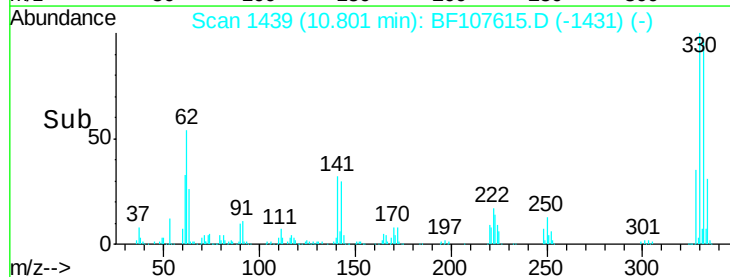
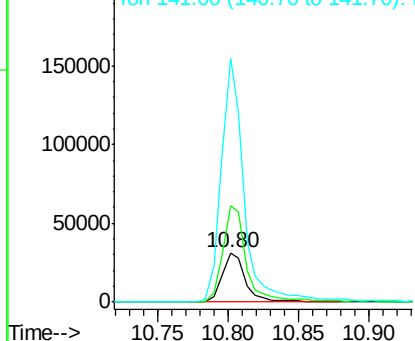


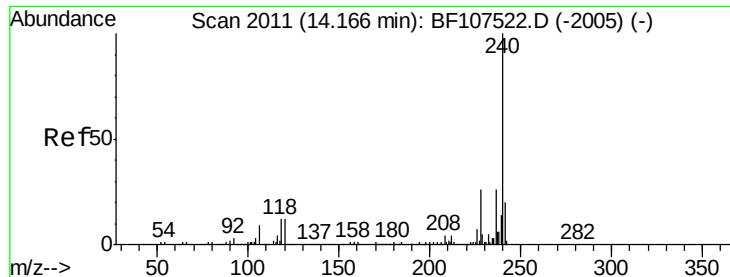
#66
 4-Bromophenyl-phenylether
 Concen: 3.005 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF107615.D
 Acq: 24 Jul 2018 13:37

Tgt Ion:248 Resp: 36422
 Ion Ratio Lower Upper
 248 100
 250 194.7 76.9 115.3#
 141 493.7 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

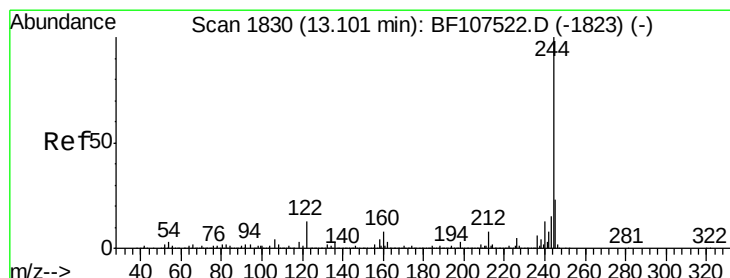
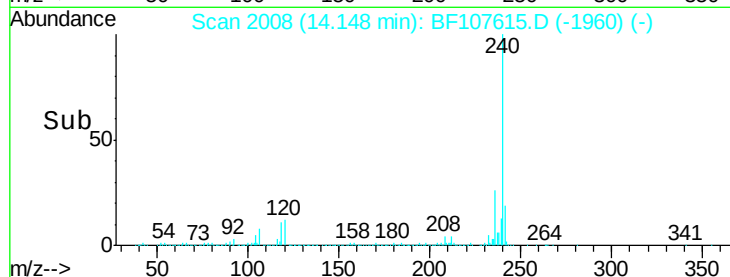
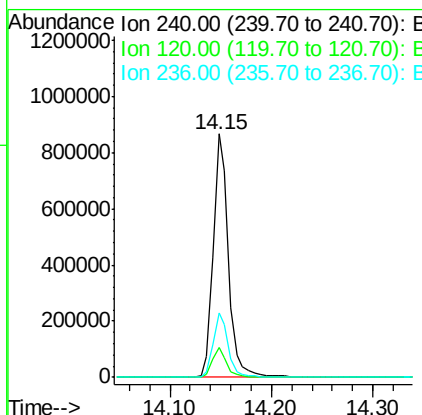
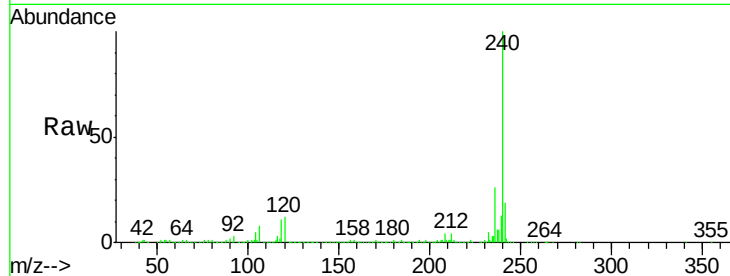




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107615.D
Acq: 24 Jul 2018 13:37

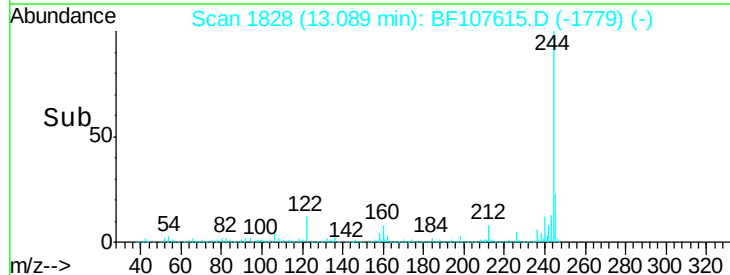
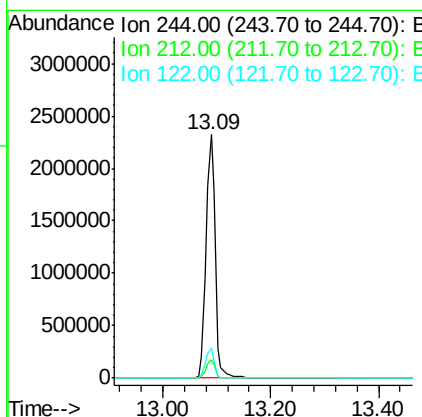
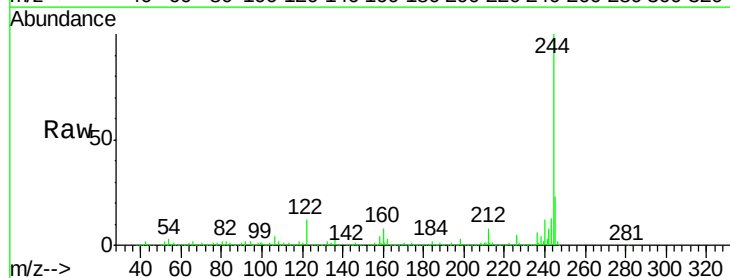
Instrument :
BNA_F
ClientSampleId :
PB111380BL

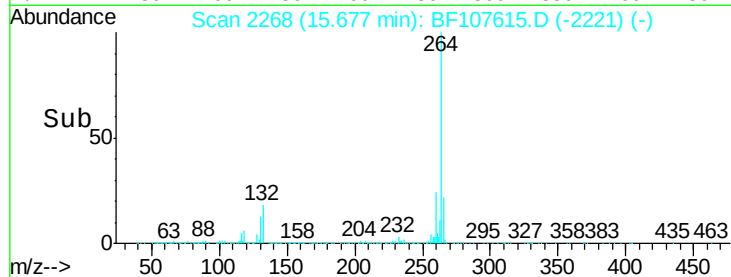
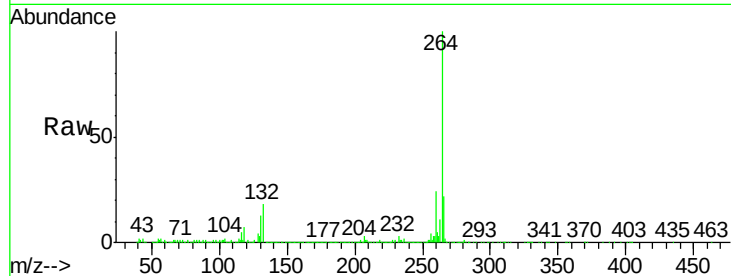
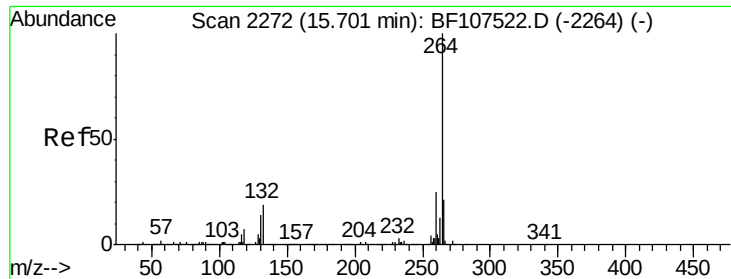
Tgt Ion:240 Resp: 904603
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 26.4 20.7 31.1



#78
Terphenyl-d14
Concen: 77.701 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107615.D
Acq: 24 Jul 2018 13:37

Tgt Ion:244 Resp: 2745543
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.0
122 12.4 11.0 16.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF107615.D

Acq: 24 Jul 2018 13:37

Instrument :

BNA_F

ClientSampleId :

PB111380BL

Tgt Ion: 264 Resp: 781467

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.1 17.5 26.3

