

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107642.D
 Acq On : 25 Jul 2018 3:32
 Operator : JU/SJ
 Sample : J4120-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 07:50:03 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

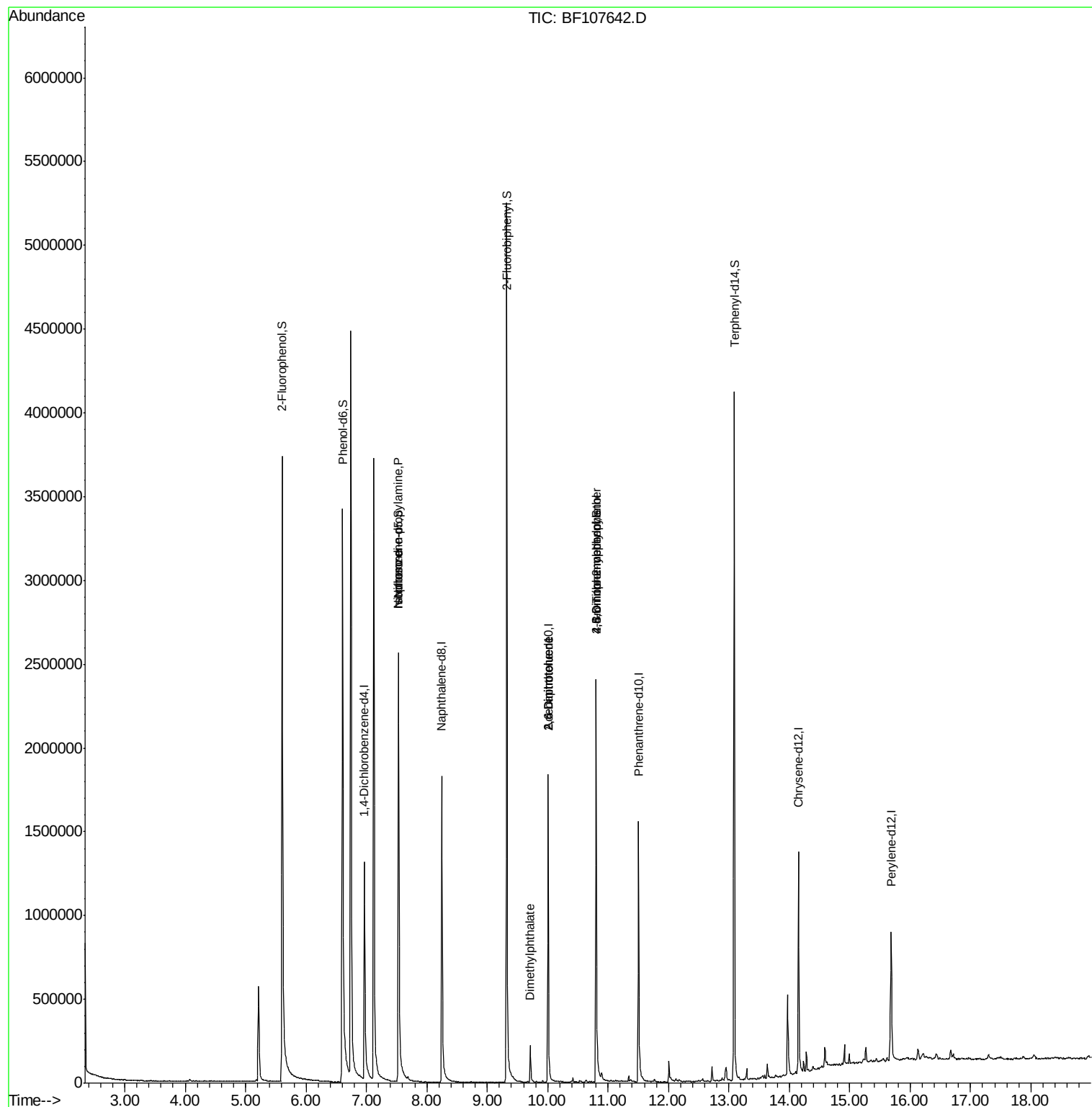
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	276419	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	1021532	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	397052	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	683390	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	511995	20.00	ng	-0.01
86) Perylene-d12	15.69	264	429363	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1502463	87.39	ng	0.00
7) Phenol-d6	6.61	99	1821672	88.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	1117453	73.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	372205	82.44	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1839513	77.41	ng	-0.01
78) Terphenyl-d14	13.09	244	1481566	74.08	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	142471	10.683	ng	# 80
25) Isophorone	7.53	82	1117448	34.575	ng	# 64
49) Dimethylphthalate	9.71	163	102023	3.409	ng	# 98
50) 2,6-Dinitrotoluene	10.01	165	50694	8.533	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	51064	7.120	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	429	8.787	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	22330	2.776	ng	# 1
73) Di-n-butylphthalate	12.05	149	3029	Below Cal		# 84

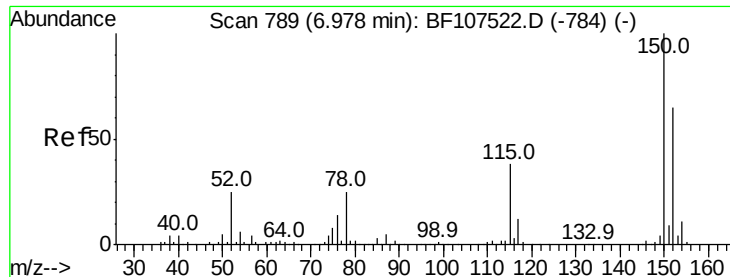
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 25 07:50:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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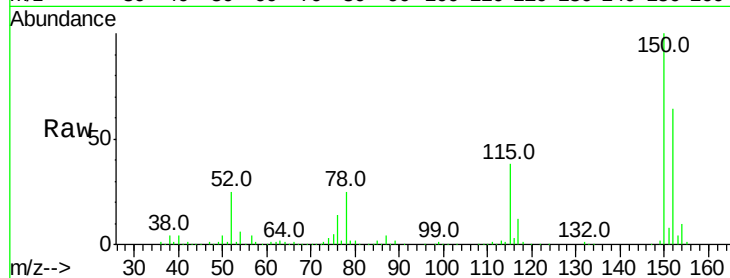


#1

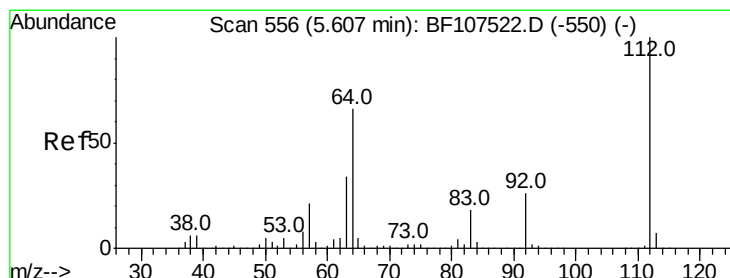
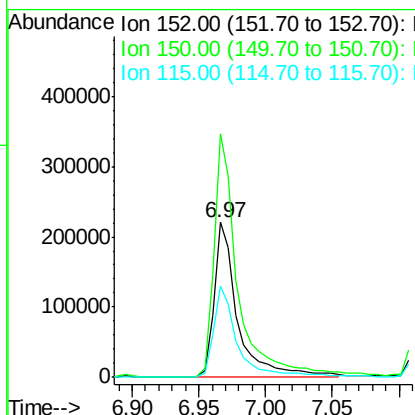
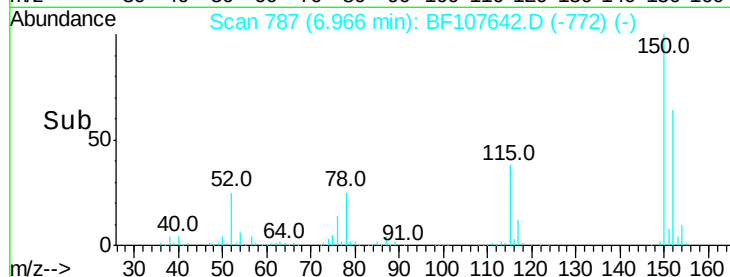
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 276419
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 58.9 50.1 75.1



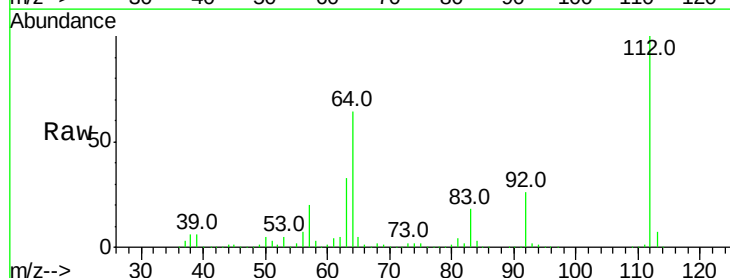
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



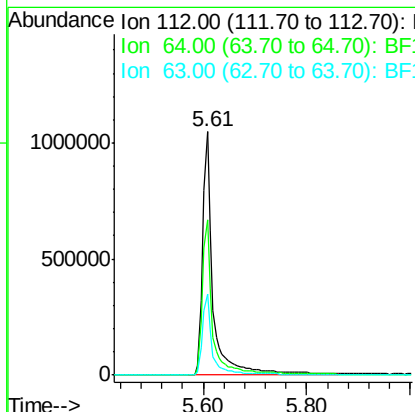
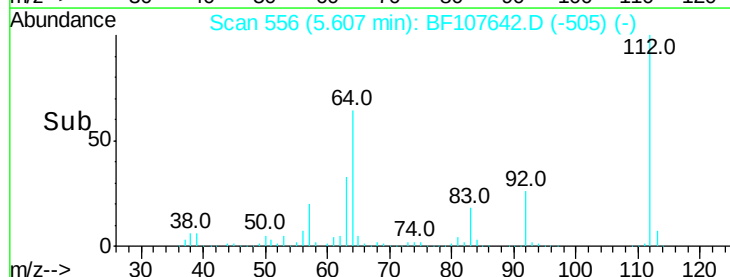
#5

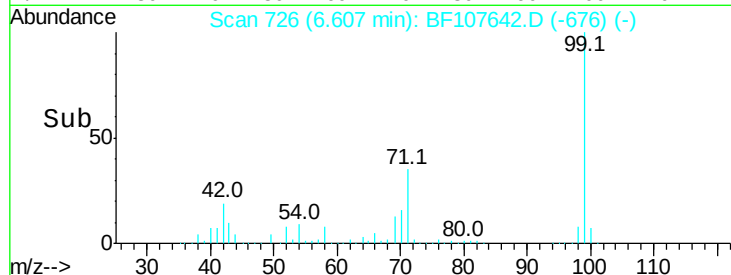
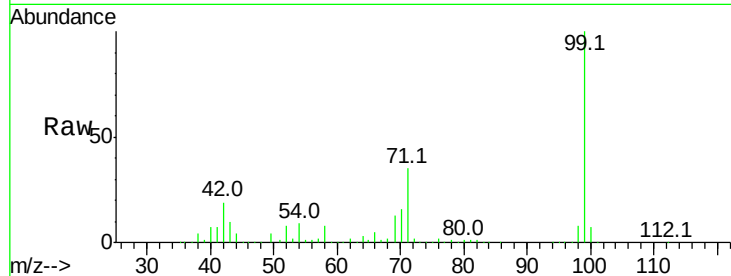
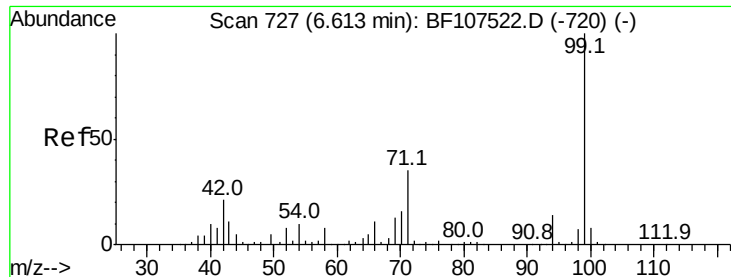
2-Fluorophenol
Concen: 87.392 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Tgt Ion:112 Resp: 1502463
Ion Ratio Lower Upper
112 100
64 63.6 47.9 71.9
63 33.3 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: 88.245 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

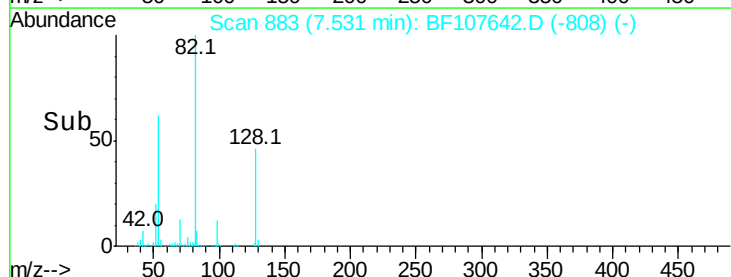
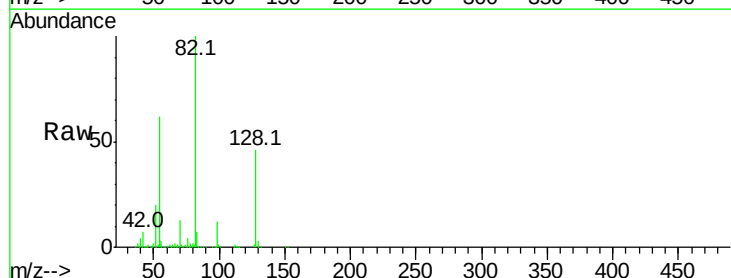
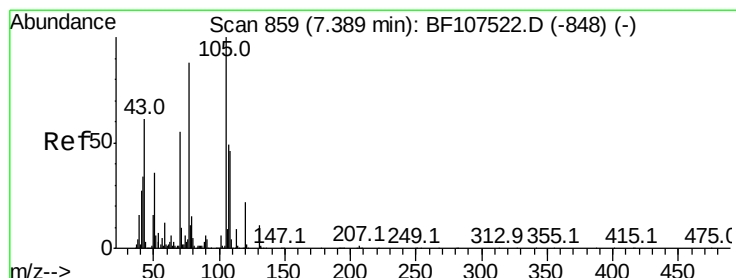
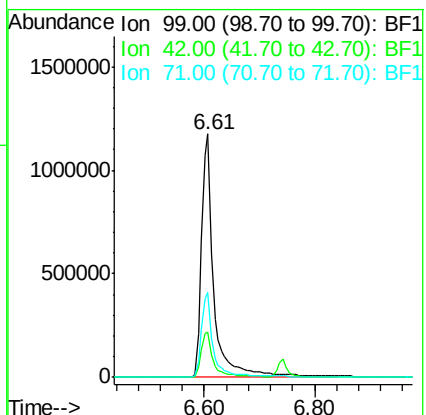
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1821672

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	34.7	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.683 ng

RT: 7.53 min Scan# 883

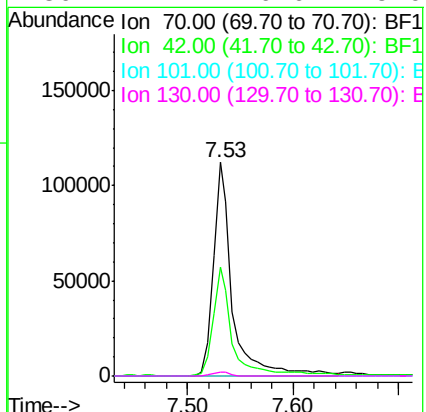
Delta R.T. 0.14 min

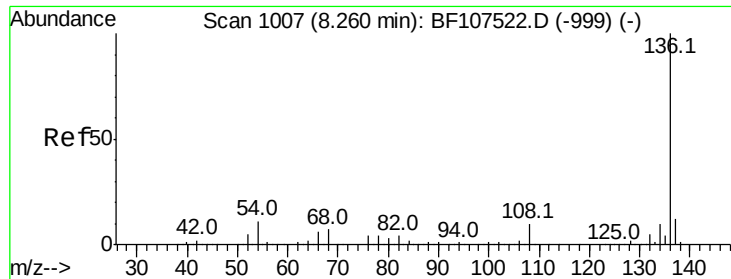
Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

Tgt Ion: 70 Resp: 142471

Ion	Ratio	Lower	Upper
70	100		
42	50.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



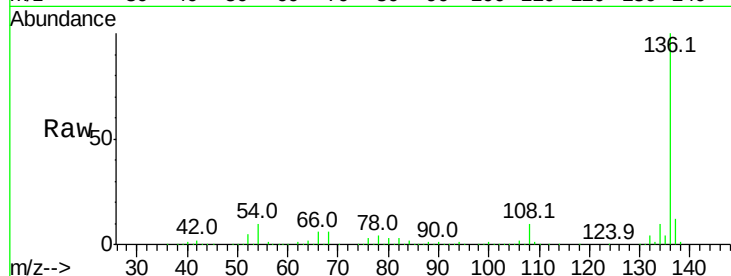


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

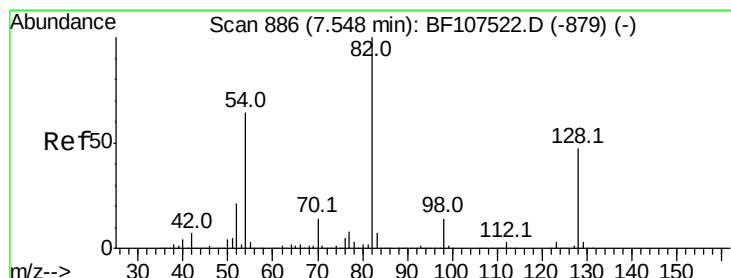
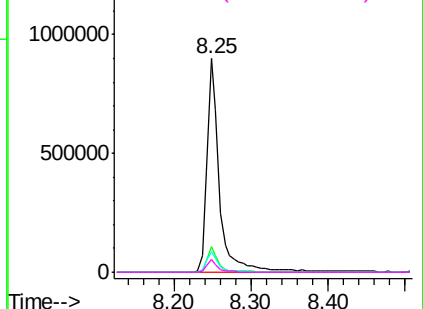
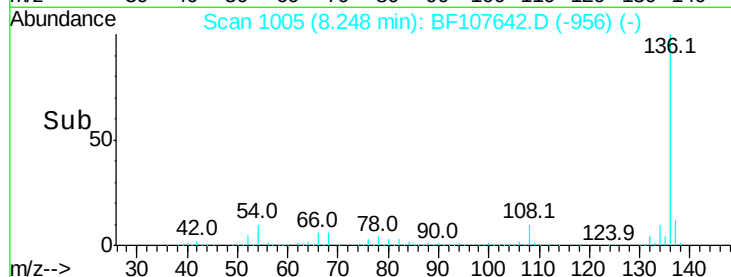
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1021532

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	9.6	6.6	9.8
68	5.9	5.0	7.4



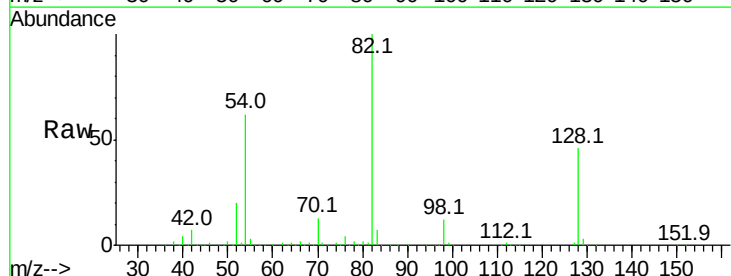
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



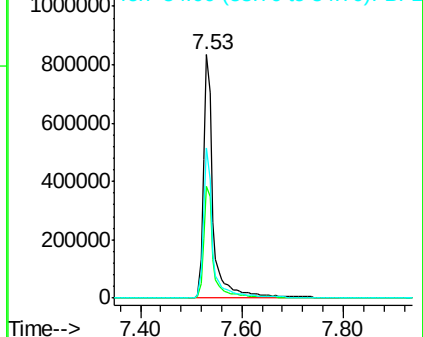
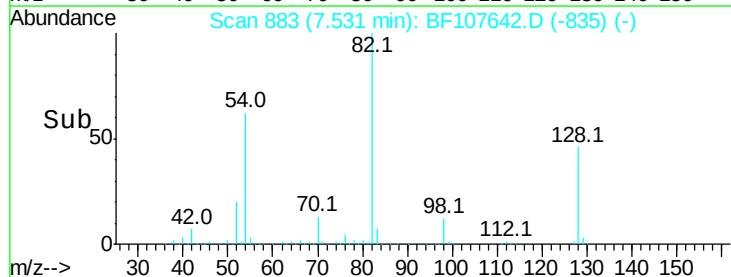
#23
Nitrobenzene-d5
Concen: 73.825 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

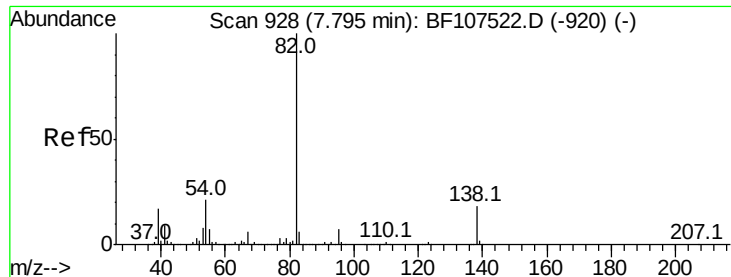
Tgt Ion: 82 Resp: 1117453

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	61.6	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: 34.575 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

Instrument :

BNA_F

ClientSampleId :

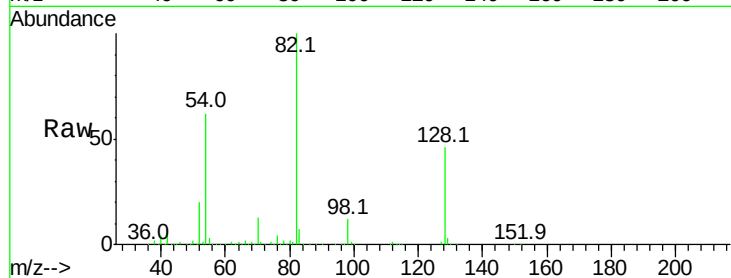
Tot Ion: 82 Resp: 1117448

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

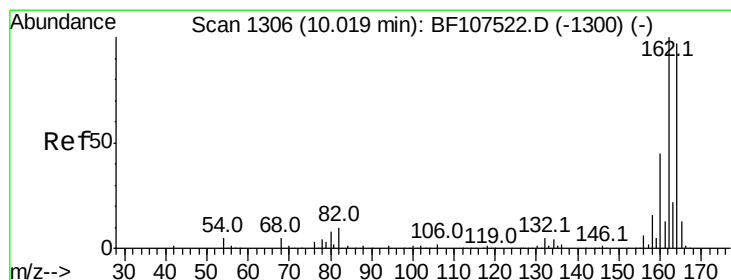
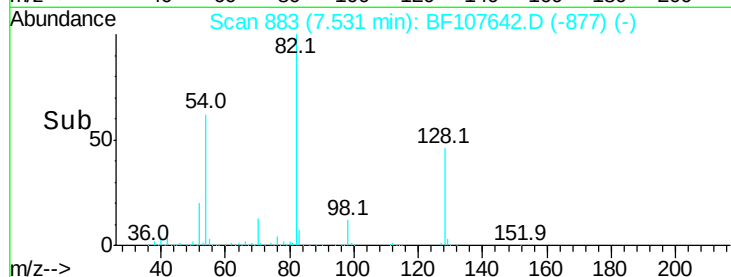
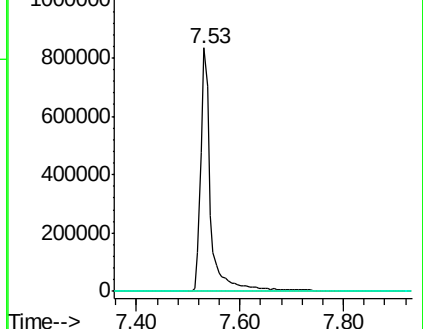
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

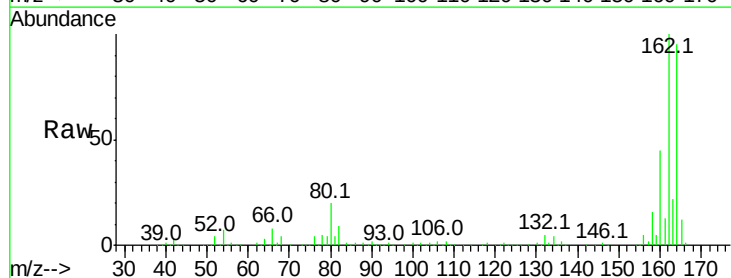
Tgt Ion:164 Resp: 397052

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

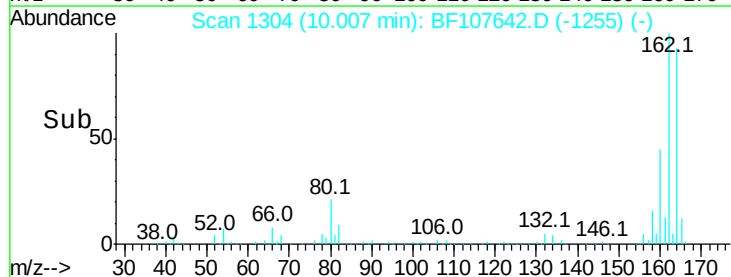
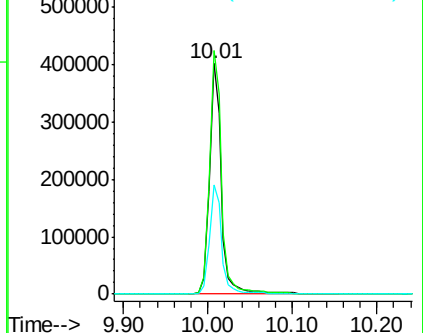
160 47.6 38.3 57.5

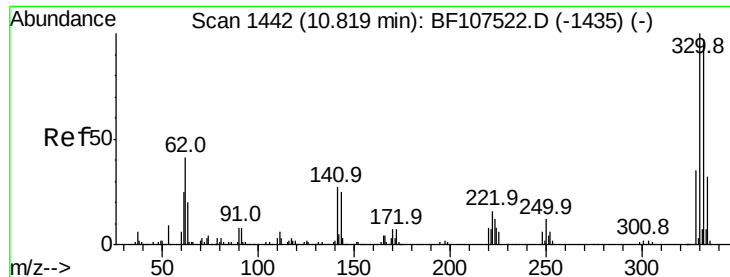


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

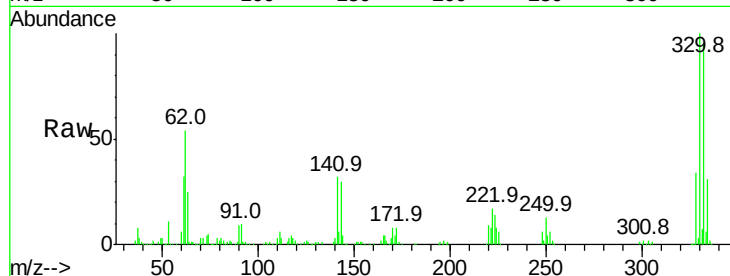




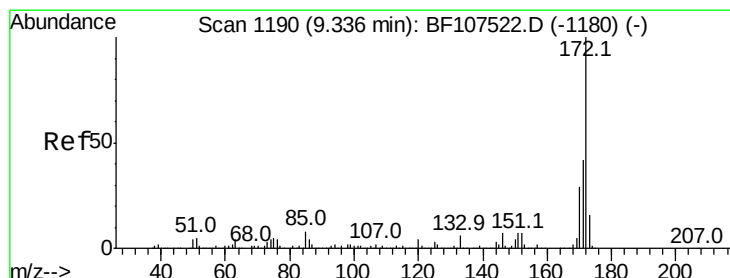
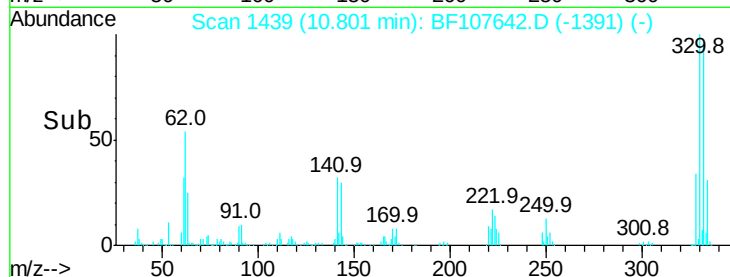
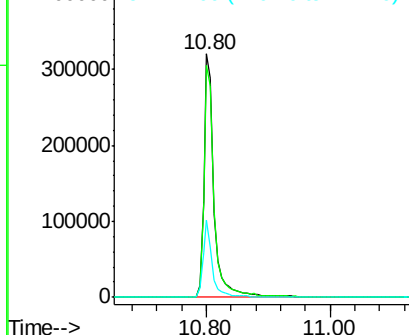
#41
 2,4,6-Tribromophenol
 Concen: 82.436 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107642.D
 Acq: 25 Jul 2018 3:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	28.9	29.9	44.9#

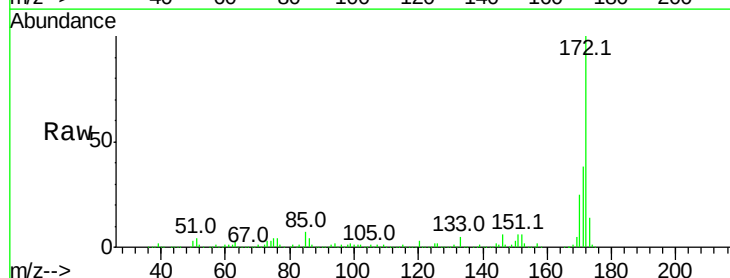


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

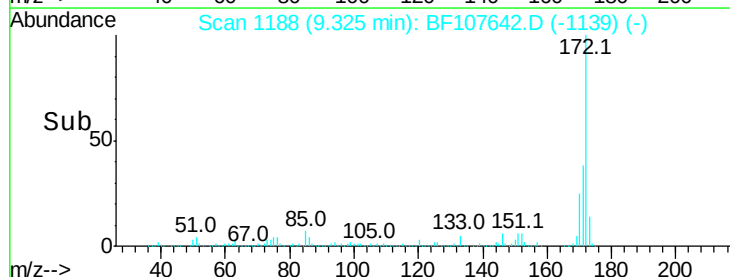
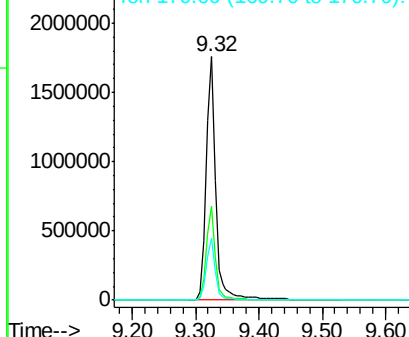


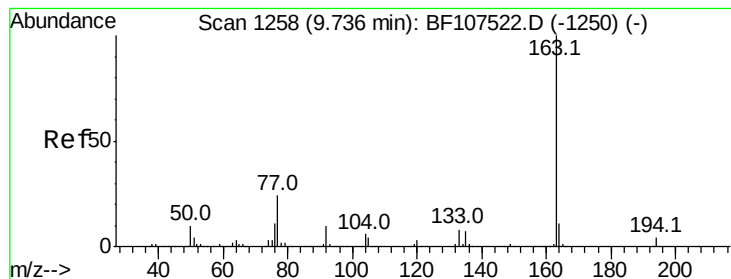
#44
 2-Fluorobiphenyl
 Concen: 77.414 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107642.D
 Acq: 25 Jul 2018 3:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	25.5	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: 3.409 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

Instrument :

BNA_F

ClientSampleId :

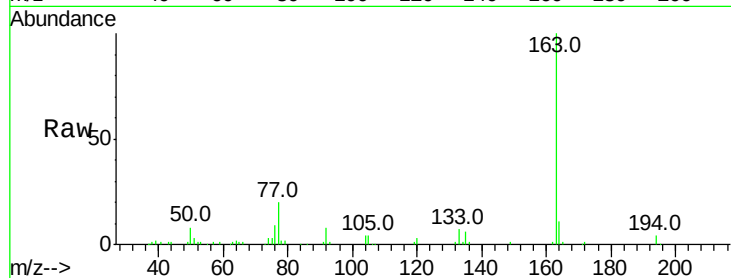
Tot Ion:163 Resp: 102023

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

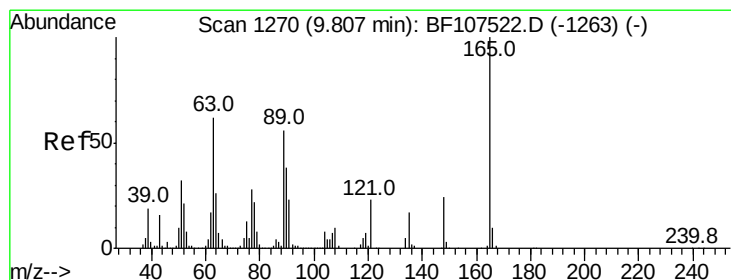
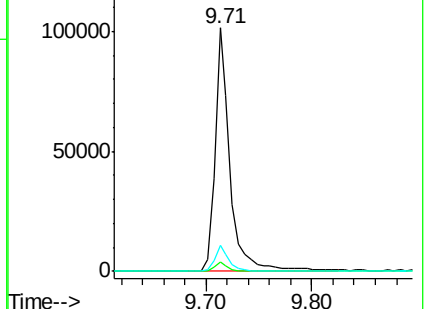
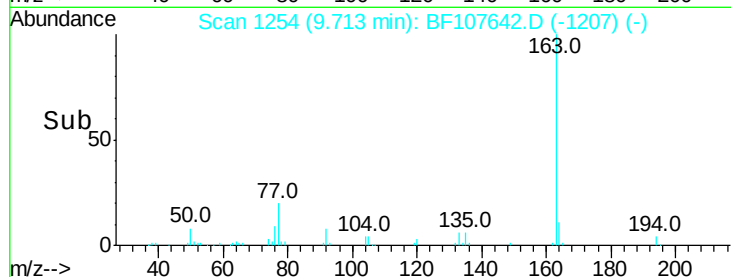
164 10.9 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.533 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.20 min

Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

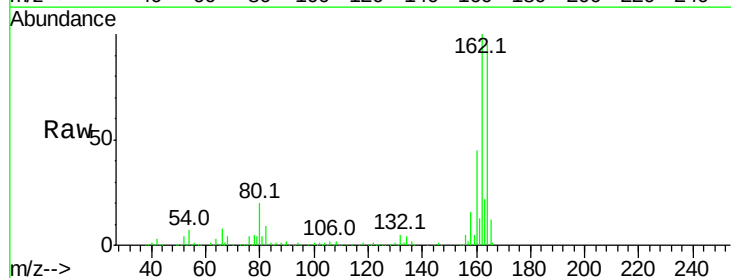
Tgt Ion:165 Resp: 50694

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

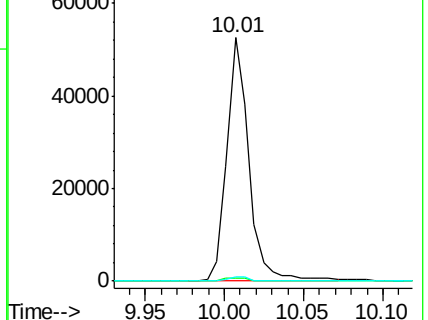
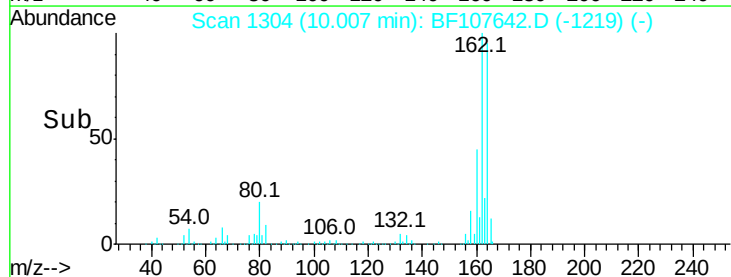
89 1.6 44.0 66.0#

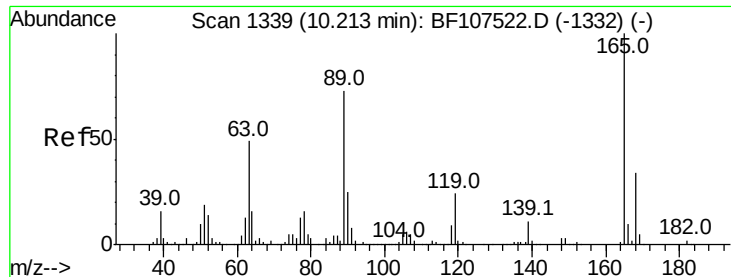


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

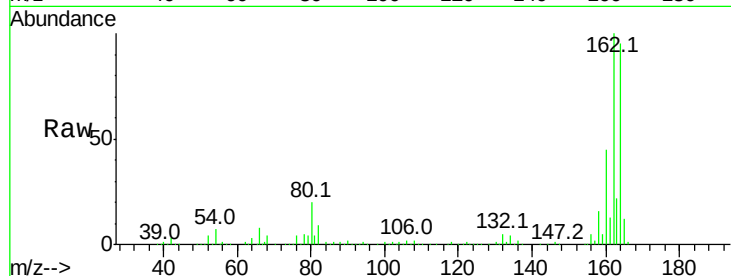




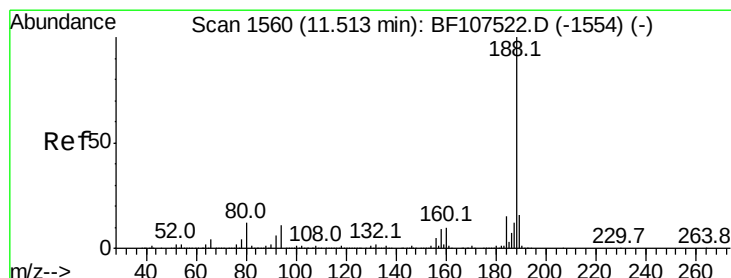
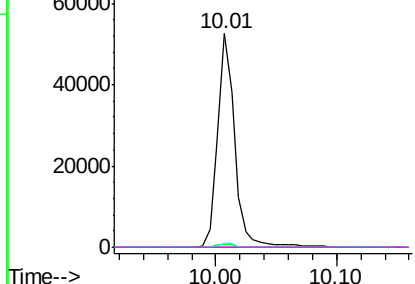
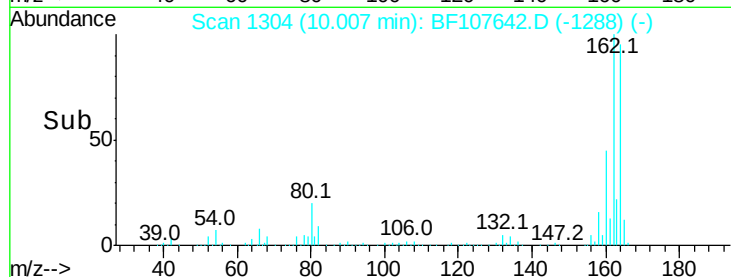
#56
2,4-Dinitrotoluene
Concen: 7.120 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 51064
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#

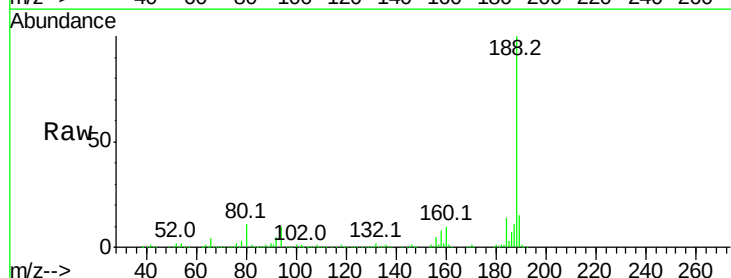


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

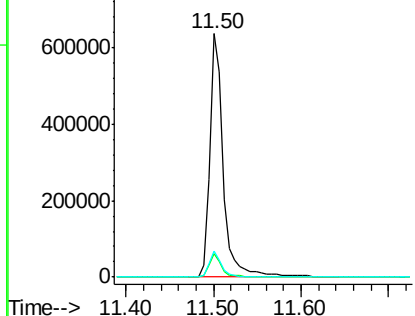
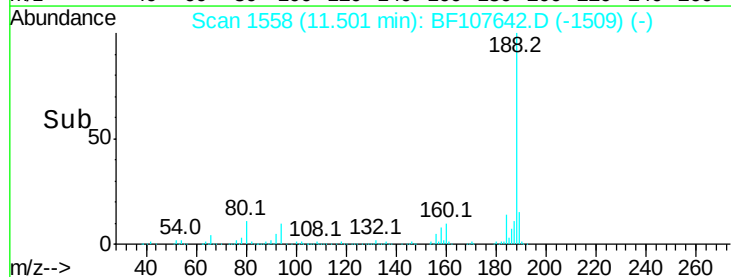


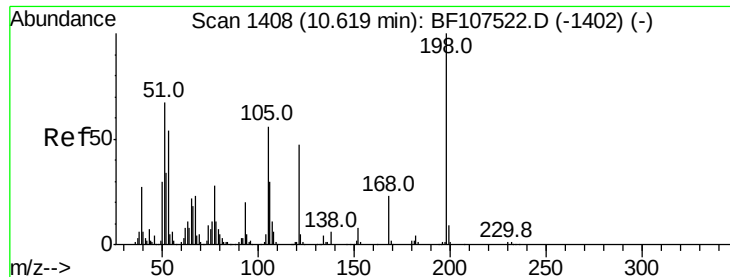
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Tgt Ion:188 Resp: 683390
Ion Ratio Lower Upper
188 100
94 9.7 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: 8.787 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.18 min

Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

Instrument :

BNA_F

ClientSampleId :

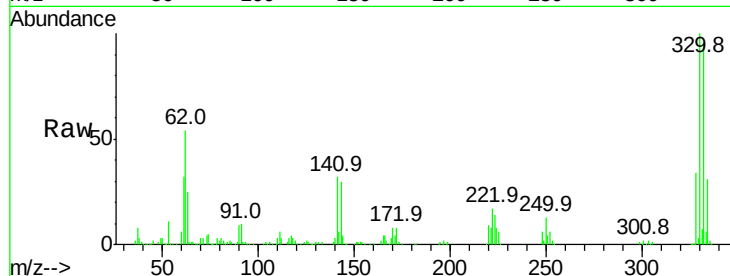
Tot Ion:198 Resp: 429

Ion Ratio Lower Upper

198 100

51 248.4 37.7 77.7#

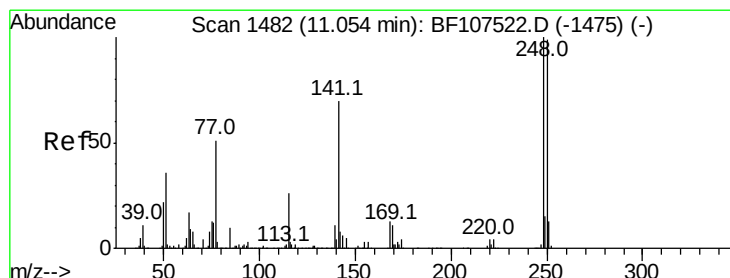
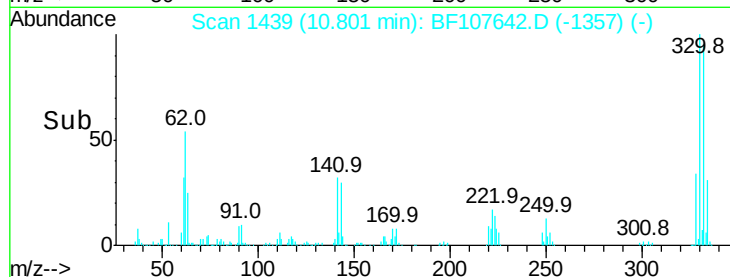
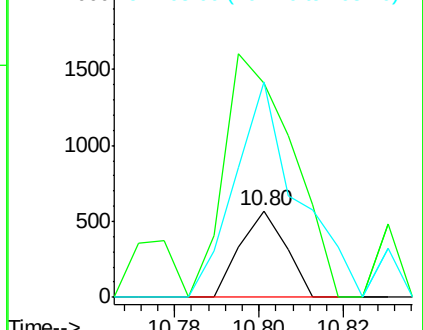
105 249.6 36.3 76.3#



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: 2.776 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.25 min

Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

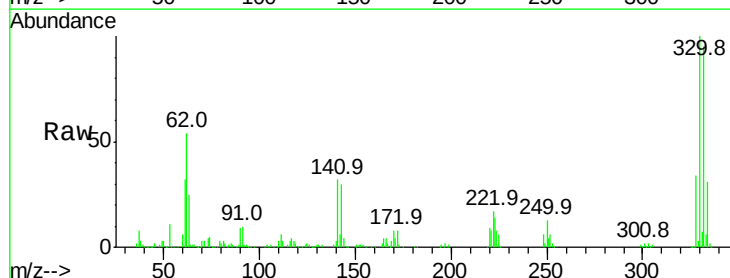
Tgt Ion:248 Resp: 22330

Ion Ratio Lower Upper

248 100

250 201.0 76.9 115.3#

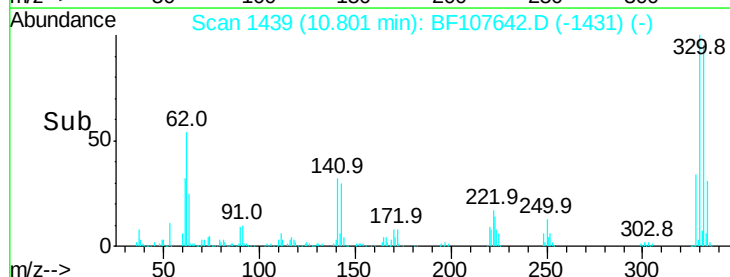
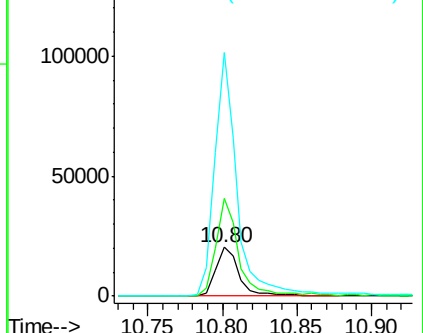
141 502.8 74.4 111.6#

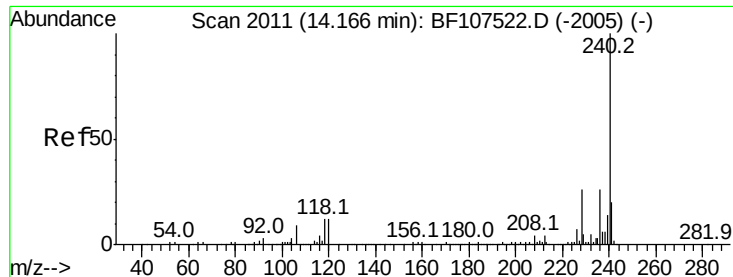


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2009

Delta R.T. -0.01 min

Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

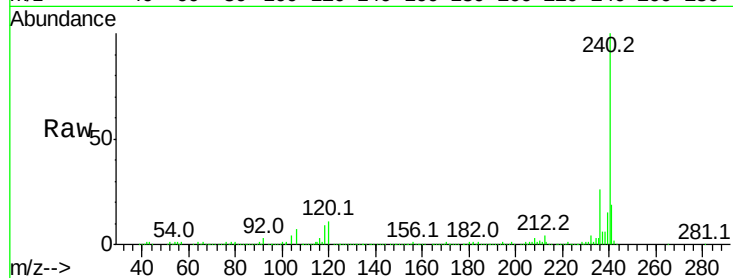
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 511995

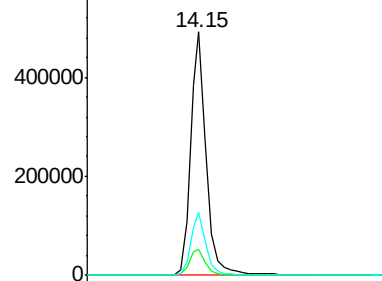
Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.2	20.7	31.1



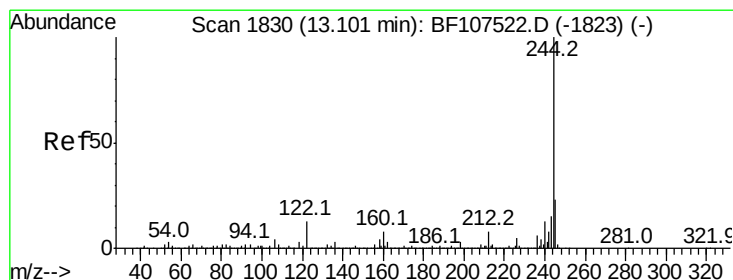
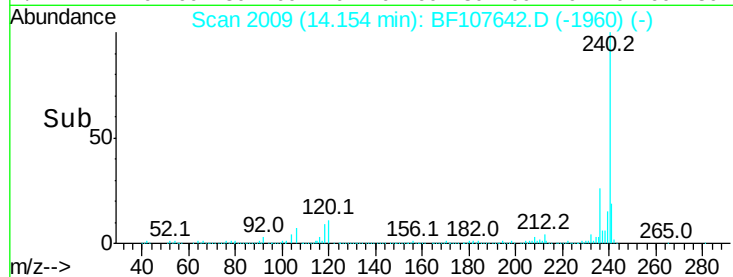
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 74.082 ng

RT: 13.09 min Scan# 1828

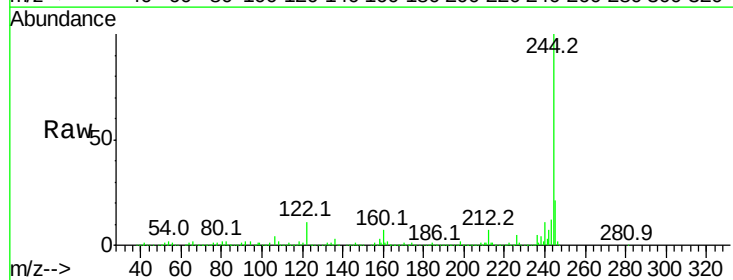
Delta R.T. -0.01 min

Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

Tgt Ion:244 Resp: 1481566

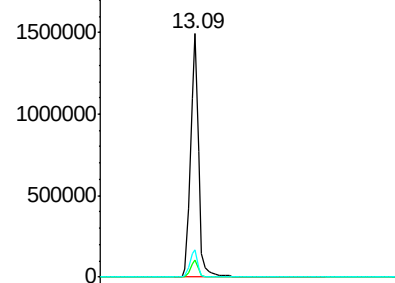
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.4	11.0	16.4



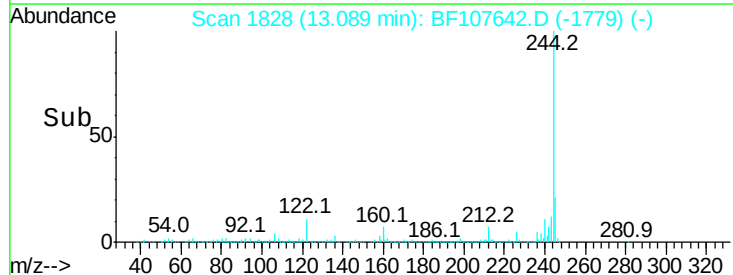
Abundance Ion 244.00 (243.70 to 244.70): E

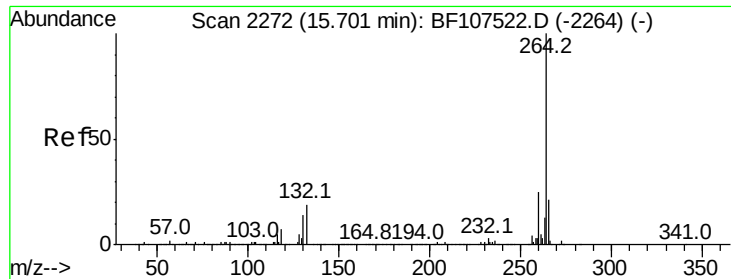
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

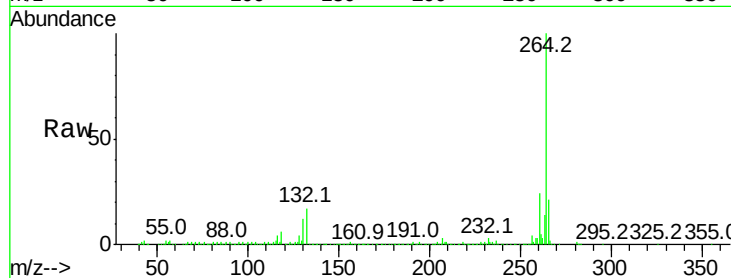




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107642.D
 Acq: 25 Jul 2018 3:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	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

