

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107557.D
 Acq On : 21 Jul 2018 6:44
 Operator : JU/SJ
 Sample : J4069-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Jul 23 03:26:04 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	6.98	152	289627	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	959958	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	347563	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	667959	20.00	ng	0.00
75) Chrysene-d12	14.16	240	714162	20.00	ng	0.00
86) Perylene-d12	15.69	264	528878	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	952383	52.87	ng	0.00
7) Phenol-d6	6.60	99	685995	31.72	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1407515	98.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	476470	120.55	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2113883	114.29	ng	0.00
78) Terphenyl-d14	13.10	244	2202272	78.95	ng	0.00

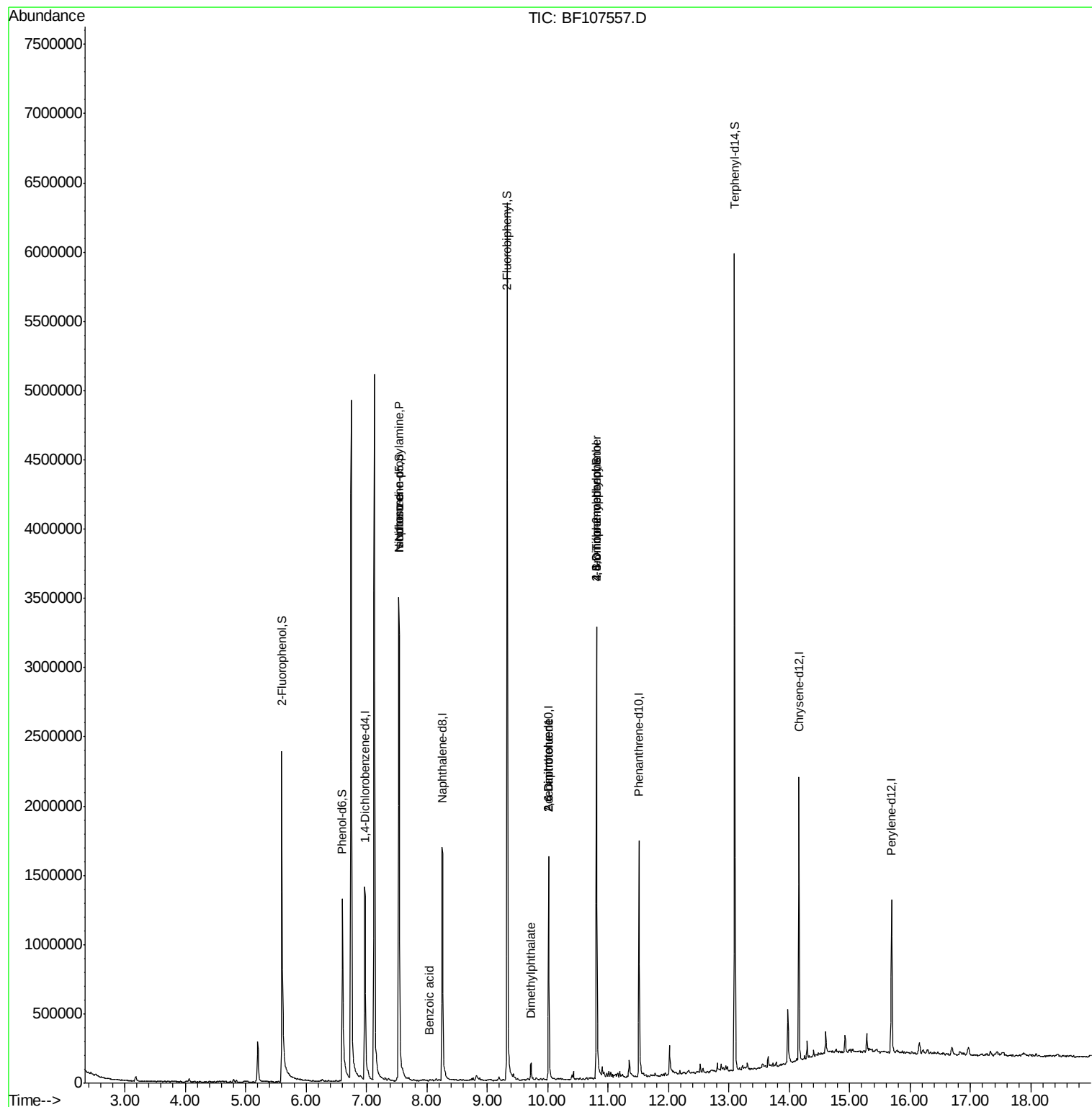
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	189798	13.583	ng	# 82
25) Isophorone	7.54	82	1407506	46.344	ng	# 64
32) Benzoic acid	8.05	122	384	7.935	ng	# 1
49) Dimethylphthalate	9.72	163	56140	2.143	ng	# 96
50) 2,6-Dinitrotoluene	10.02	165	46212	8.886	ng	# 26
56) 2,4-Dinitrotoluene	10.02	165	46212	7.361	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	1023	8.941	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	29454	3.746	ng	# 1
73) Di-n-butylphthalate	12.06	149	9727	Below Cal		# 94
81) 3,3'-Dichlorobenzidine	14.11	252	784	Below Cal		# 32

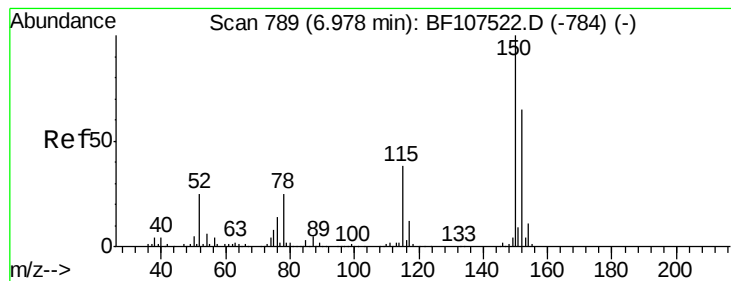
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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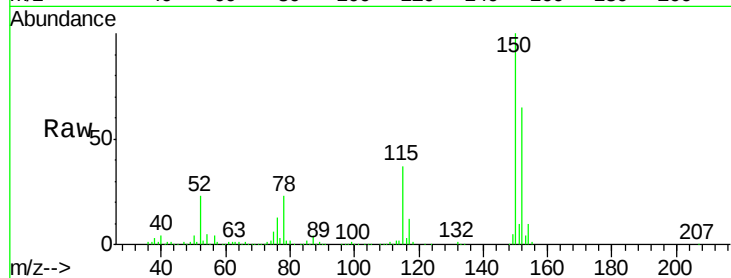


#1

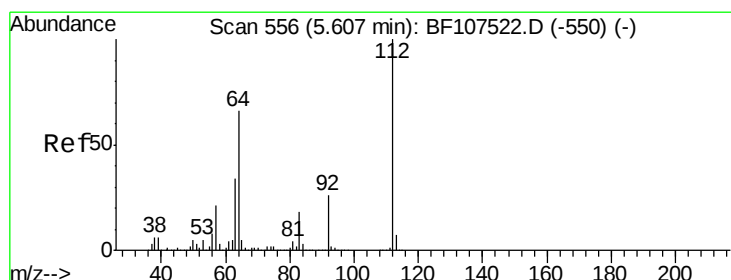
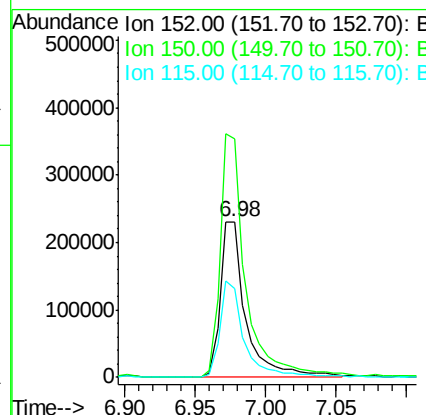
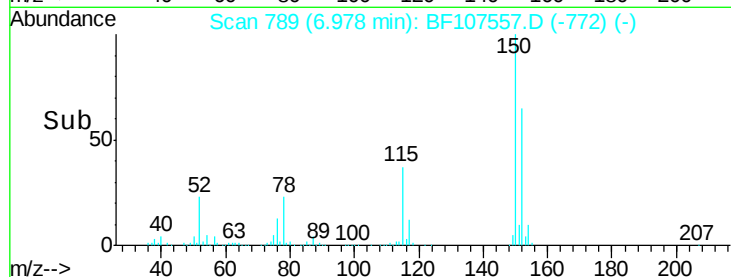
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107557.D
Acq: 21 Jul 2018 6:44

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:152 Resp: 289627
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 56.9 50.1 75.1



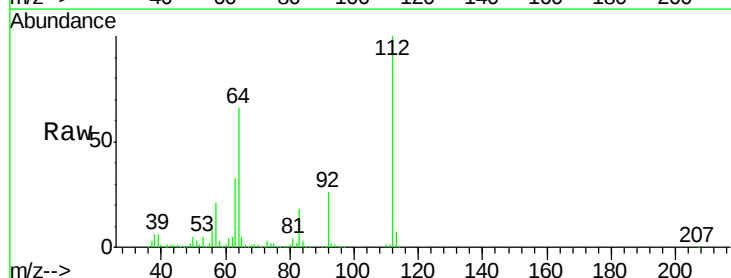
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



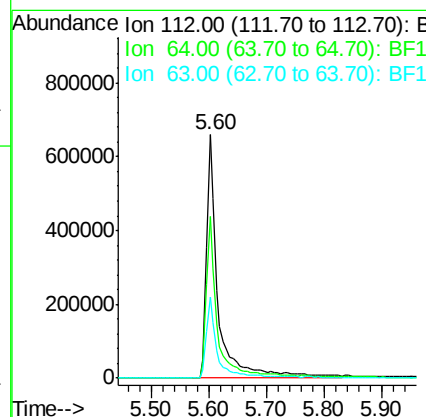
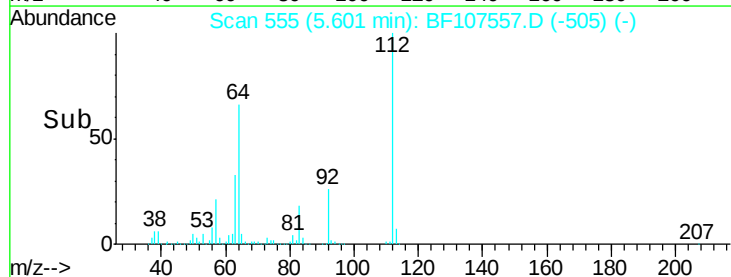
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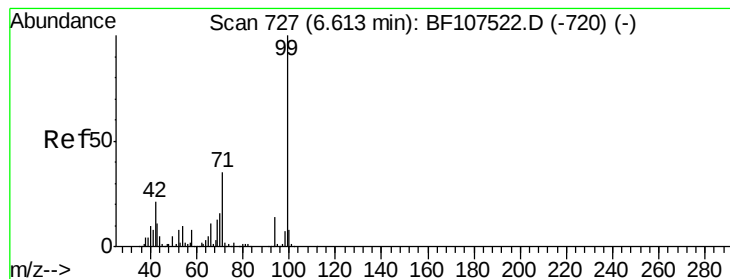
2-Fluorophenol
Concen: 52.870 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107557.D
Acq: 21 Jul 2018 6:44

Tgt Ion:112 Resp: 952383
Ion Ratio Lower Upper
112 100
64 66.2 47.9 71.9
63 33.1 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: 31.715 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107557.D

Acq: 21 Jul 2018 6:44

Instrument :

BNA_F

ClientSampleId :

DSN001

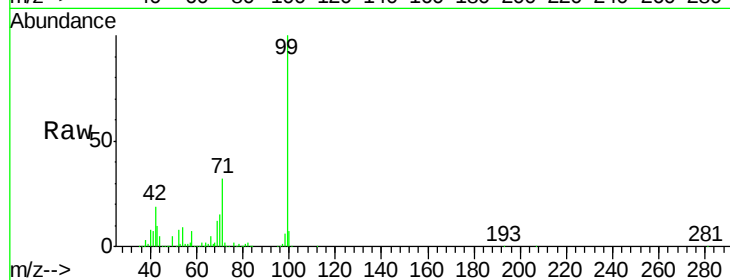
Tgt Ion: 99 Resp: 685995

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

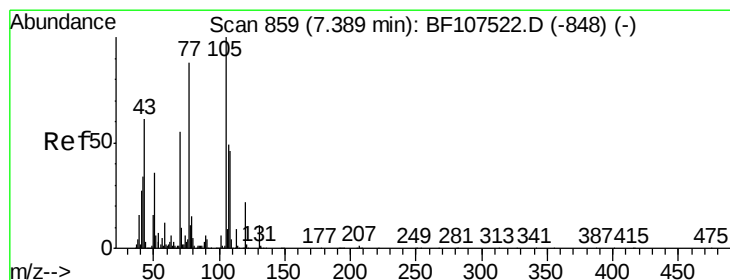
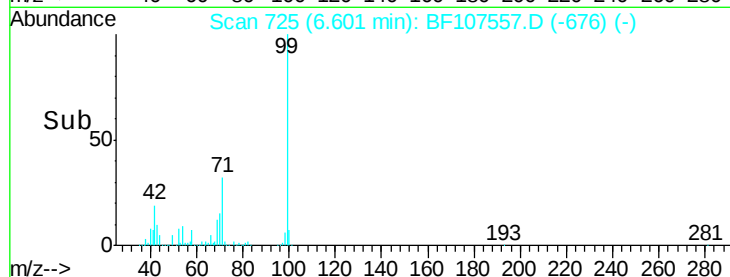
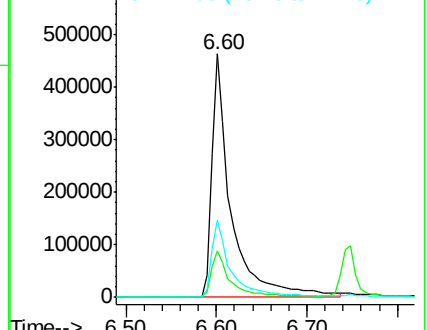
71 31.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.583 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107557.D

Acq: 21 Jul 2018 6:44

Tgt Ion: 70 Resp: 189798

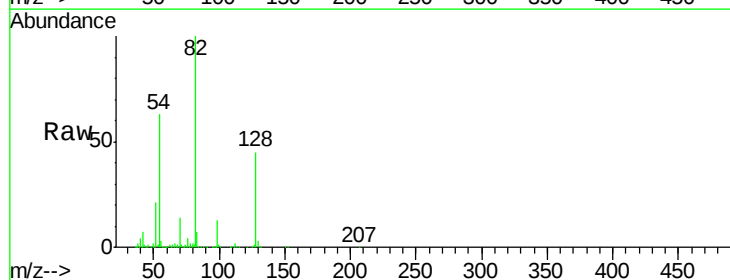
Ion Ratio Lower Upper

70 100

42 52.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

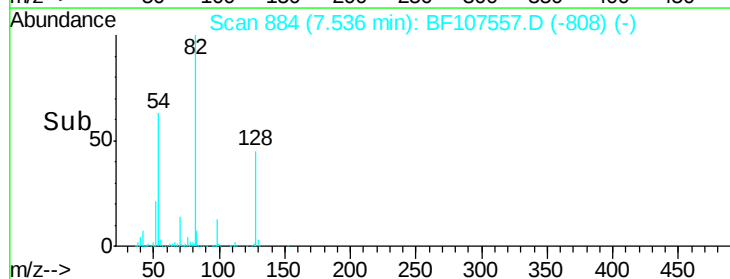
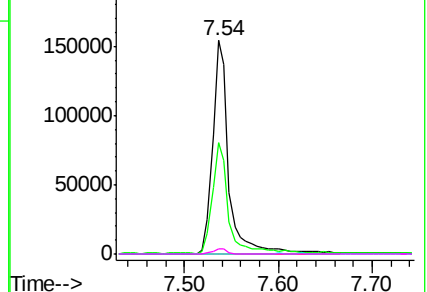


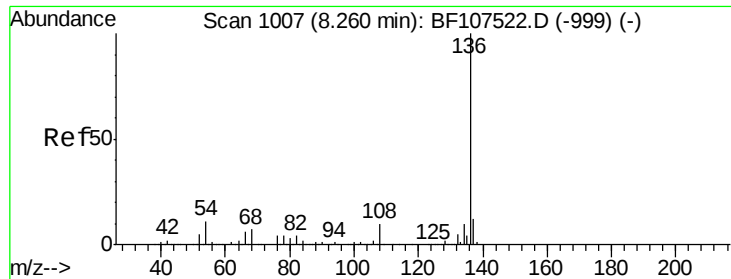
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

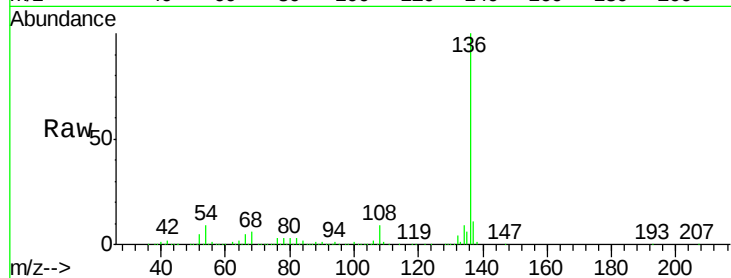




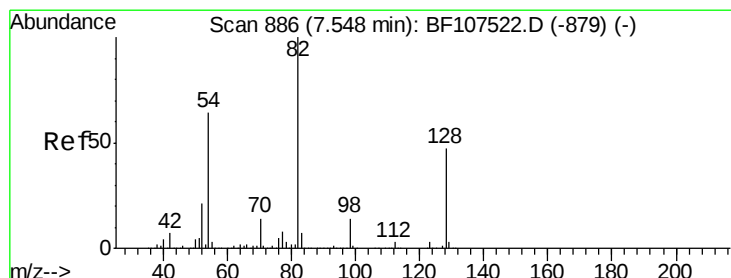
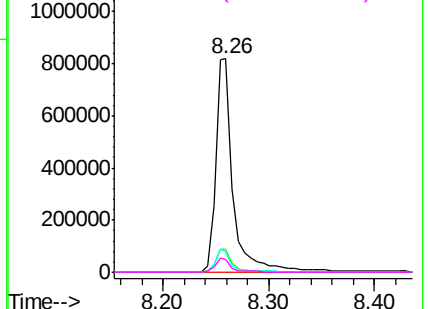
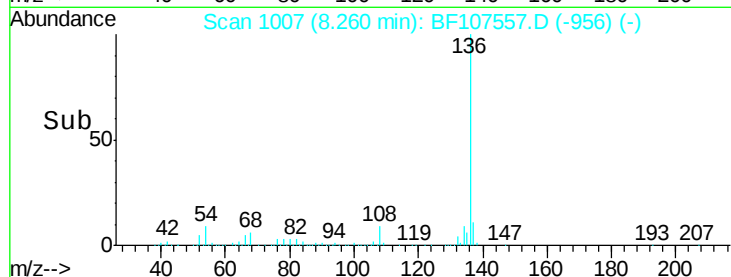
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF107557.D
Acq: 21 Jul 2018 6:44

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:	136	Resp:	959958
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	6.6	9.8
68	6.0	5.0	7.4

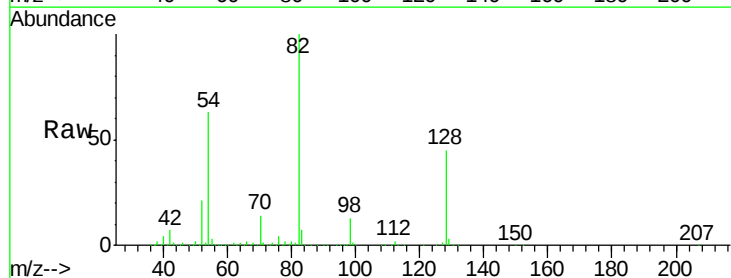


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

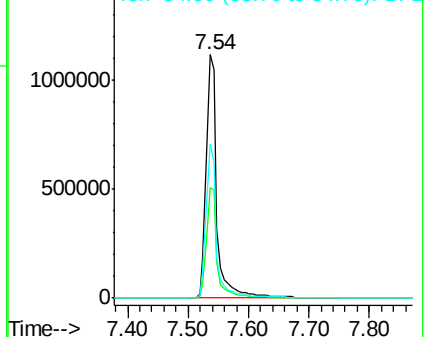
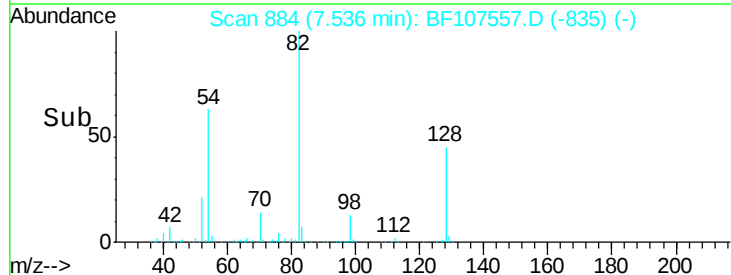


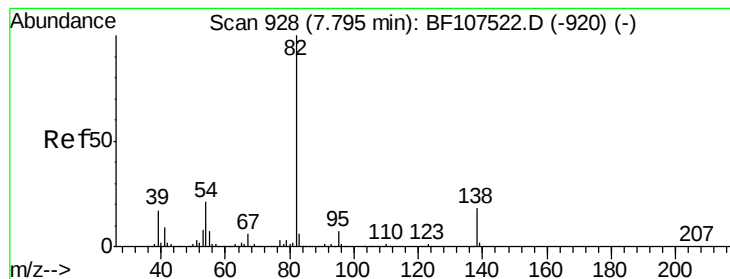
#23
Nitrobenzene-d5
Concen: 98.952 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107557.D
Acq: 21 Jul 2018 6:44

Tgt Ion:	82	Resp:	1407515
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	63.0	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: 46.344 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107557.D

Acq: 21 Jul 2018 6:44

Instrument :

BNA_F

ClientSampleID :

DSN001

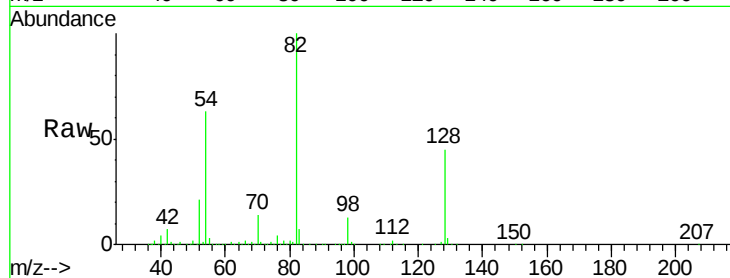
Tgt Ion: 82 Resp: 1407506

Ion Ratio Lower Upper

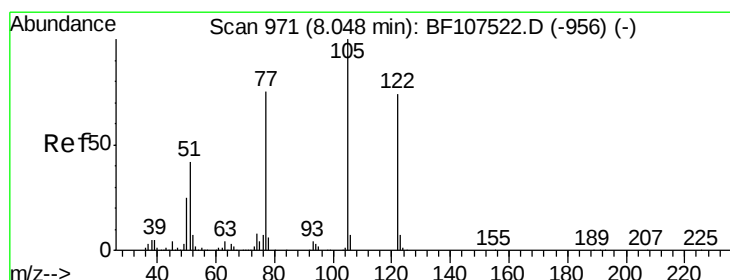
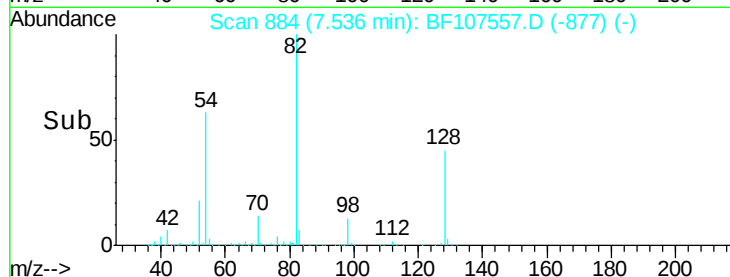
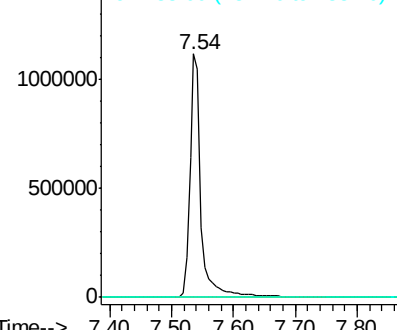
82 100

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: 7.935 ng

RT: 8.05 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF107557.D

Acq: 21 Jul 2018 6:44

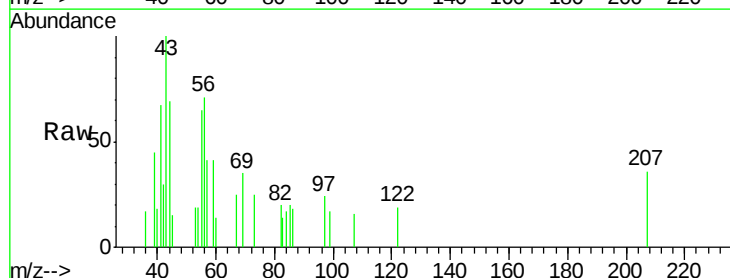
Tgt Ion: 122 Resp: 384

Ion Ratio Lower Upper

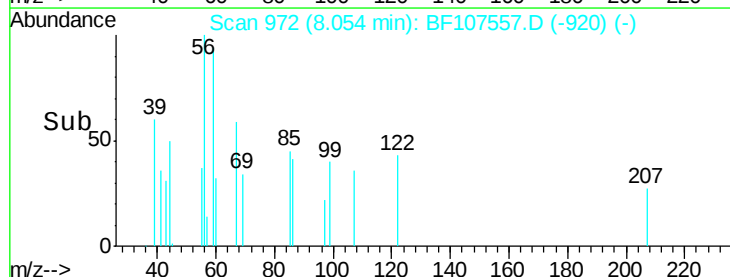
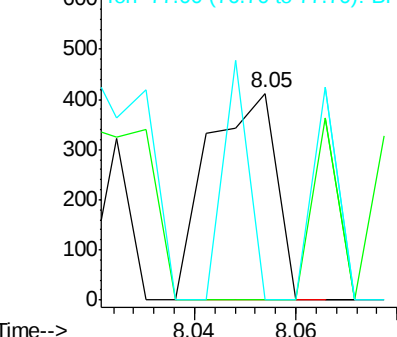
122 100

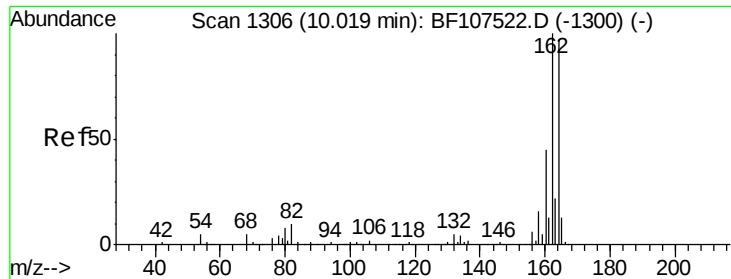
105 0.0 101.1 141.1#

77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

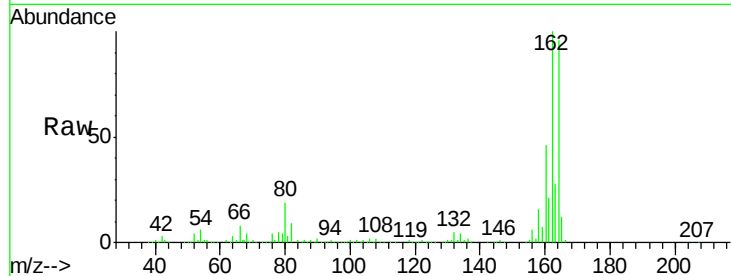




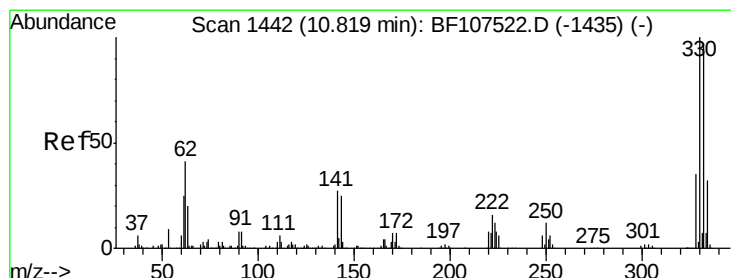
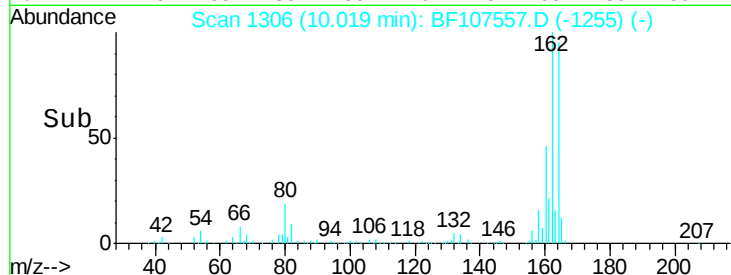
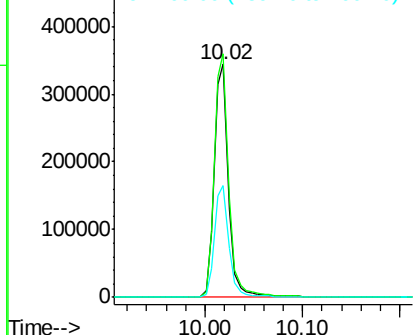
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF107557.D
 Acq: 21 Jul 2018 6:44

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:164 Resp: 347563
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 47.8 38.3 57.5

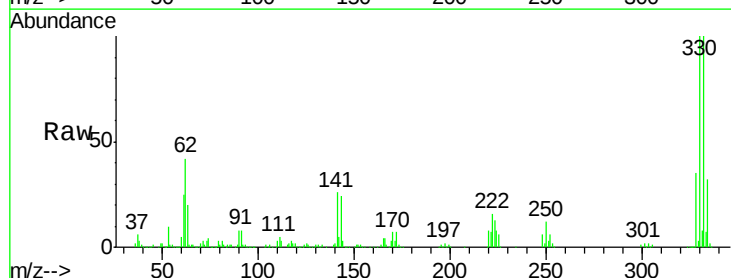


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

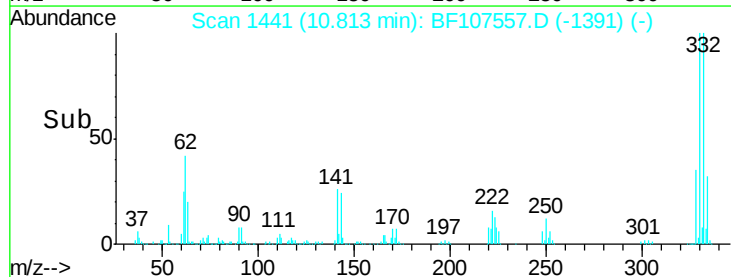
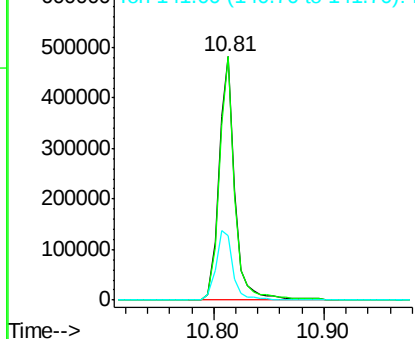


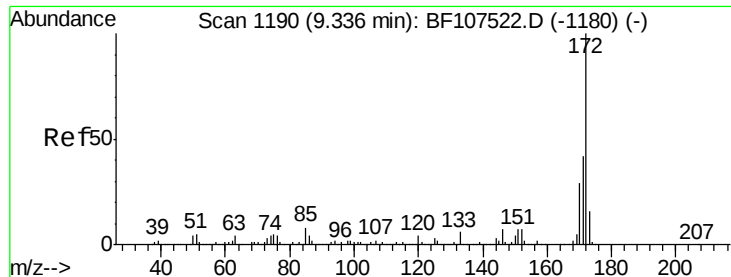
#41
 2,4,6-Tribromophenol
 Concen: 120.554 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107557.D
 Acq: 21 Jul 2018 6:44

Tgt Ion:330 Resp: 476470
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 31.3 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

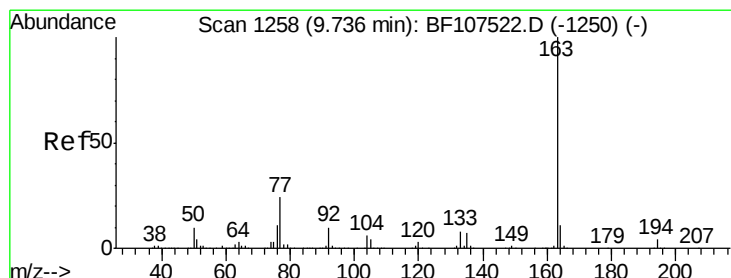
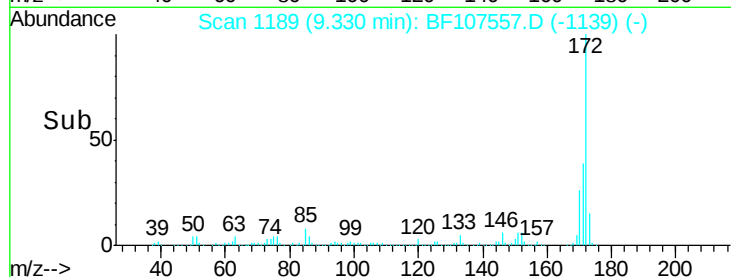
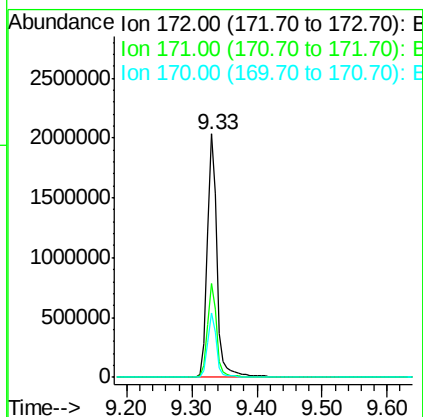
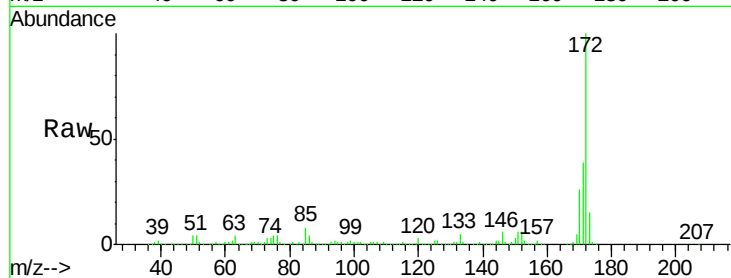




#44
 2-Fluorobiphenyl
 Concen: 114.287 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107557.D
 Acq: 21 Jul 2018 6:44

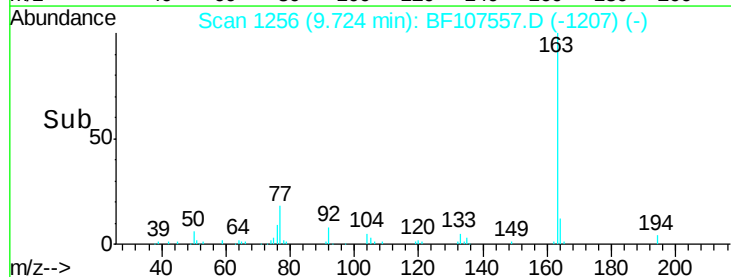
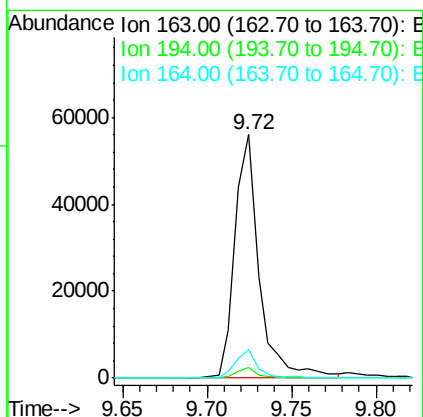
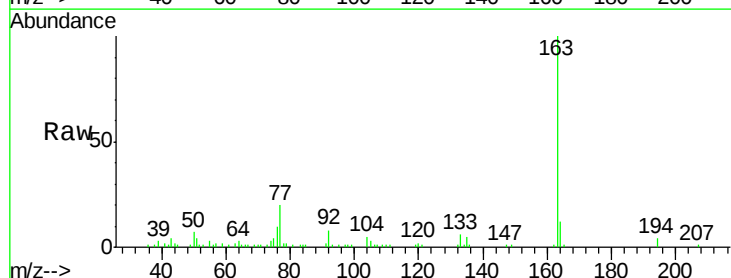
Instrument :
 BNA_F
 ClientSampled :
 DSN001

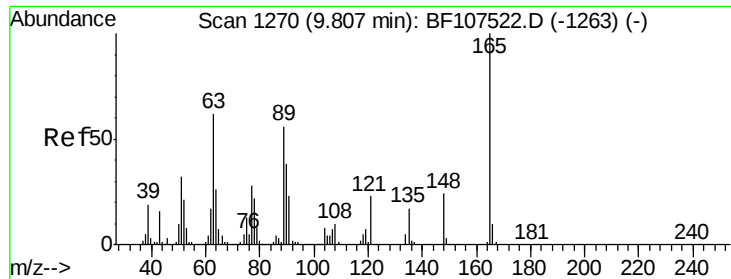
Tgt Ion:172 Resp: 2113883
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.7 44.5
 170 26.5 19.6 29.4



#49
 Dimethylphthalate
 Concen: 2.143 ng
 RT: 9.72 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF107557.D
 Acq: 21 Jul 2018 6:44

Tgt Ion:163 Resp: 56140
 Ion Ratio Lower Upper
 163 100
 194 4.5 2.7 4.1#
 164 12.0 8.2 12.2

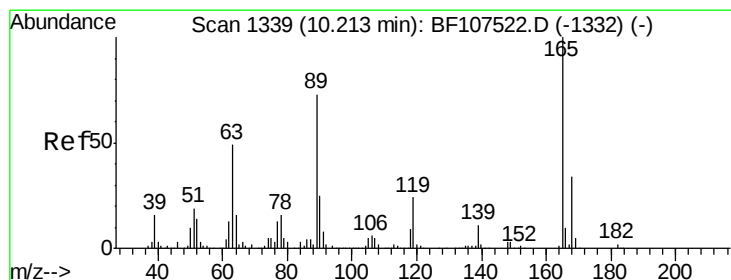
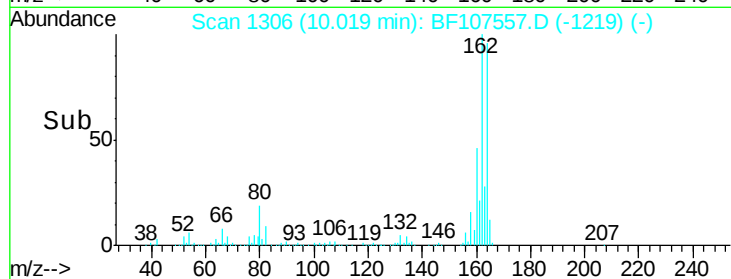
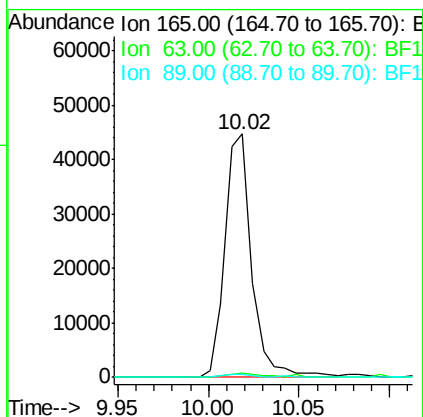
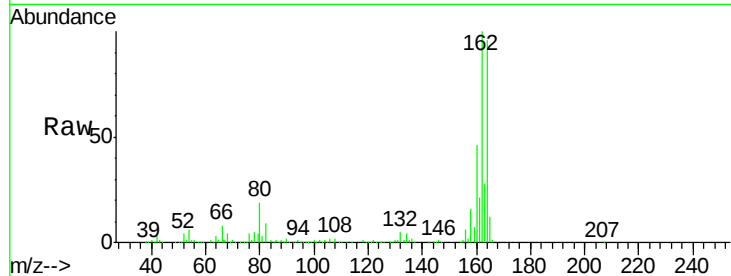




#50
 2,6-Dinitrotoluene
 Concen: 8.886 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. 0.21 min
 Lab File: BF107557.D
 Acq: 21 Jul 2018 6:44

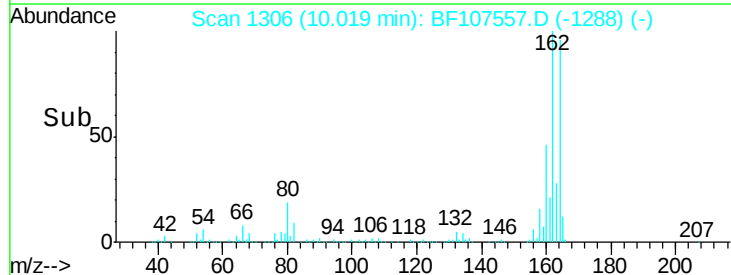
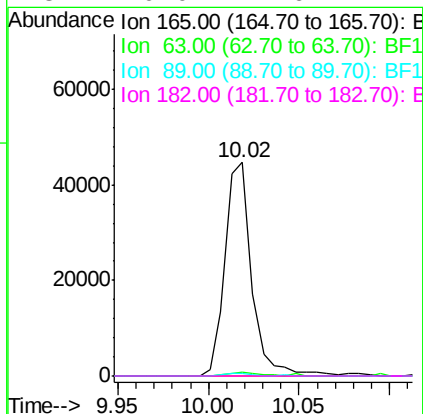
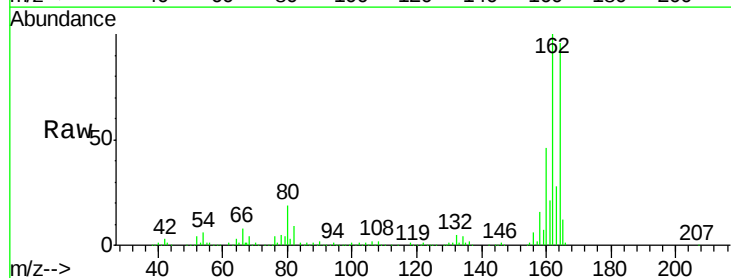
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

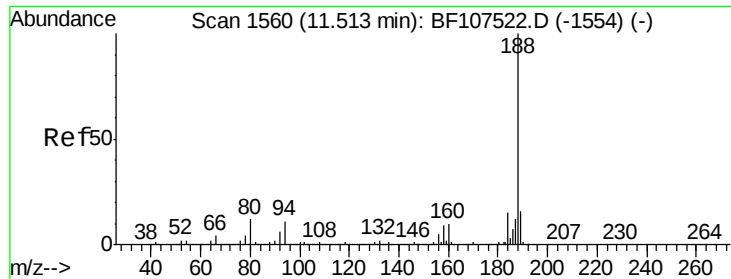
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.361 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. -0.19 min
 Lab File: BF107557.D
 Acq: 21 Jul 2018 6:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

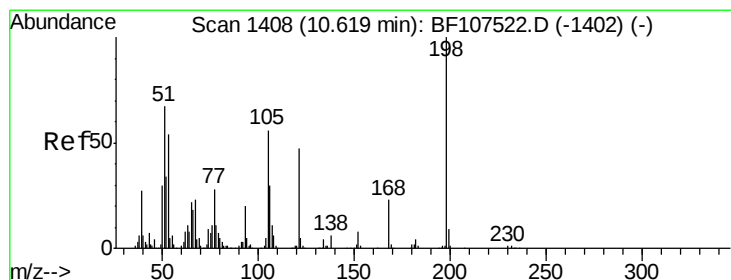
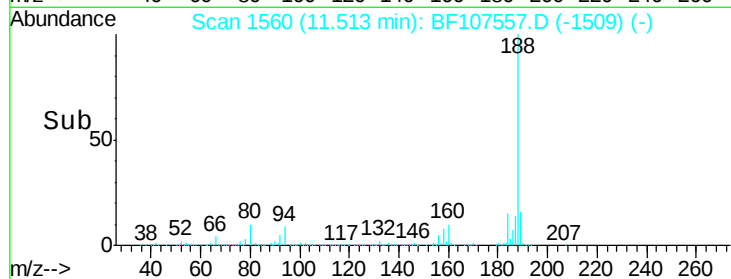
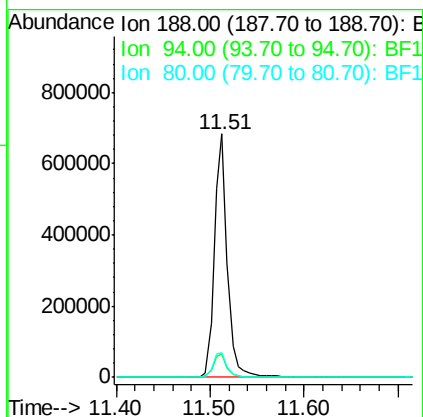
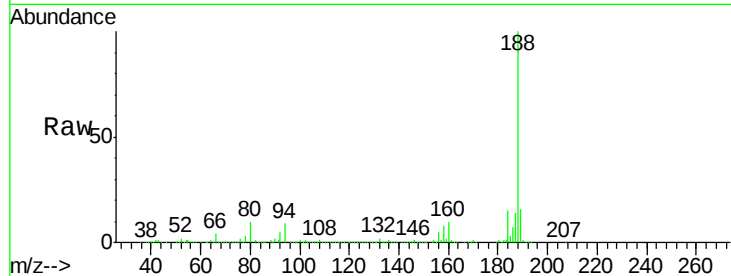




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107557.D
Acq: 21 Jul 2018 6:44

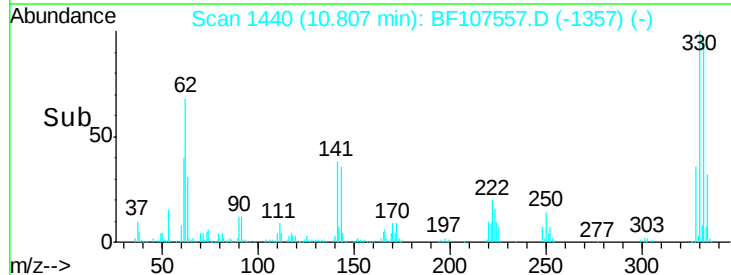
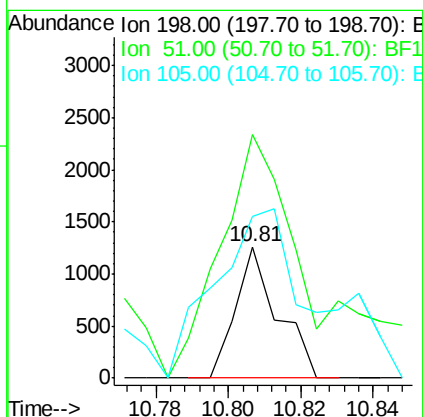
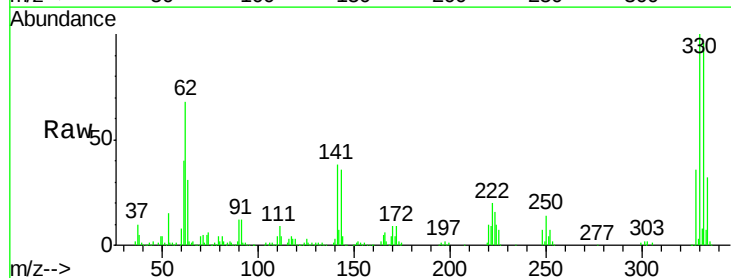
Instrument :
BNA_F
ClientSampleId :
DSN001

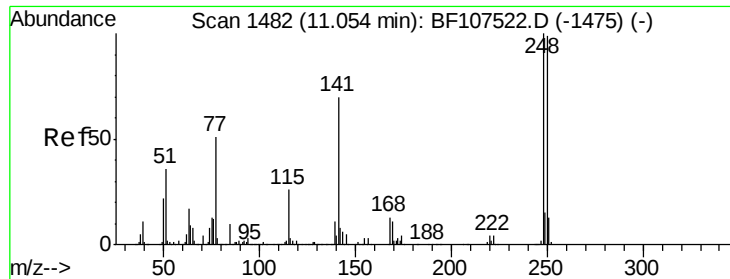
Tgt Ion:188 Resp: 667959
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.941 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF107557.D
Acq: 21 Jul 2018 6:44

Tgt Ion:198 Resp: 1023
Ion Ratio Lower Upper
198 100
51 185.6 37.7 77.7#
105 123.0 36.3 76.3#

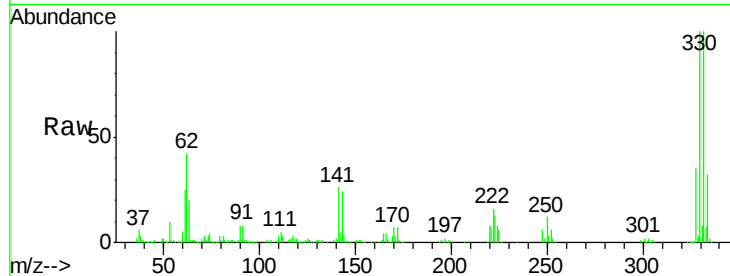




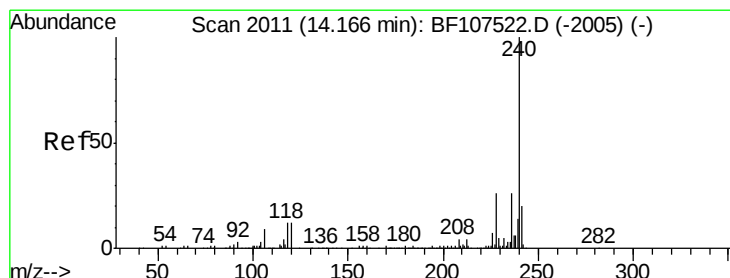
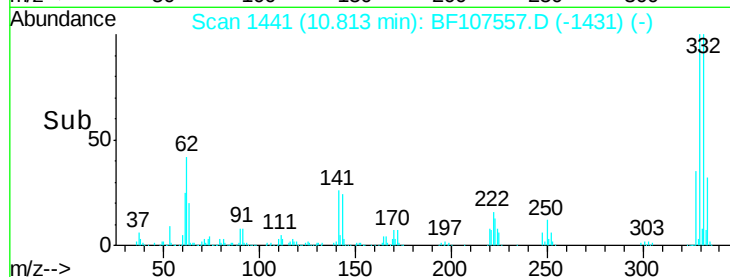
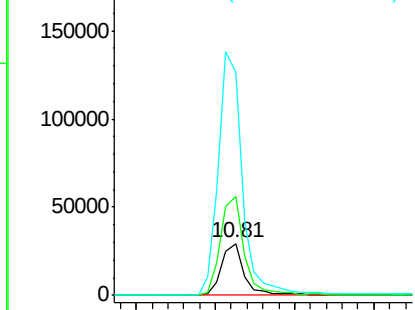
#66
 4-Bromophenyl-phenylether
 Concen: 3.746 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.24 min
 Lab File: BF107557.D
 Acq: 21 Jul 2018 6:44

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:248 Resp: 29454
 Ion Ratio Lower Upper
 248 100
 250 188.9 76.9 115.3#
 141 427.3 74.4 111.6#

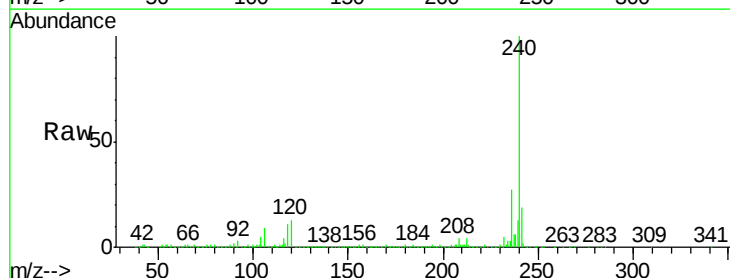


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

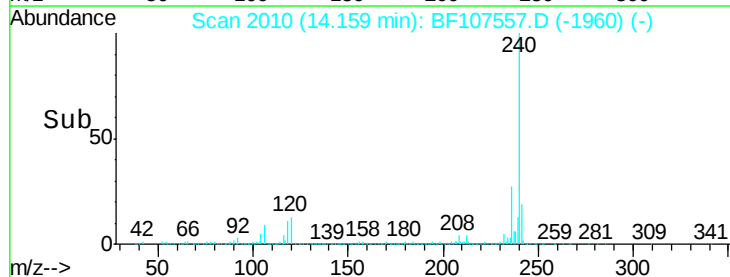
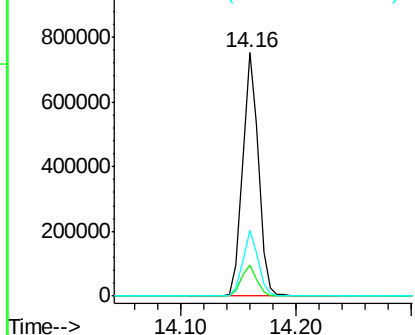


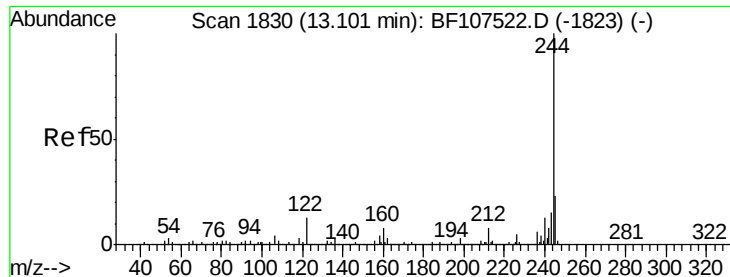
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF107557.D
 Acq: 21 Jul 2018 6:44

Tgt Ion:240 Resp: 714162
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 27.1 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: 78.946 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107557.D

Acq: 21 Jul 2018 6:44

Instrument :

BNA_F

ClientSampled :

DSN001

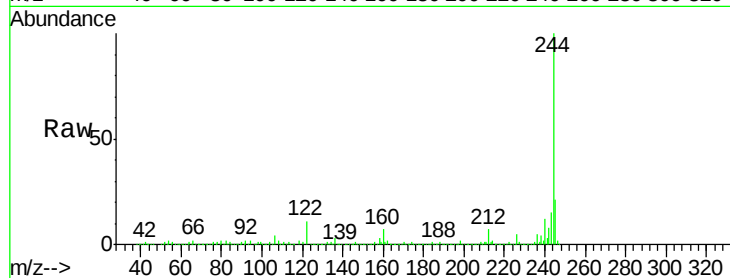
Tgt Ion:244 Resp: 2202272

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

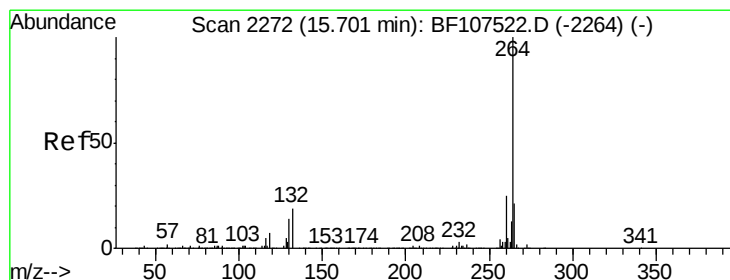
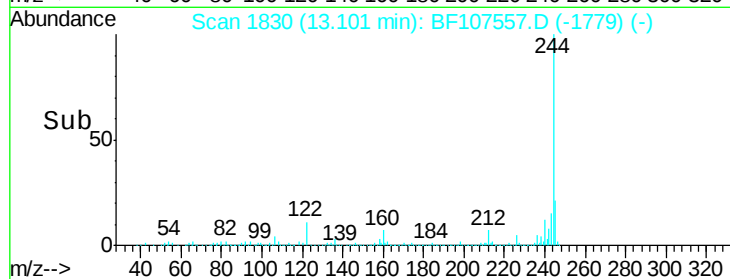
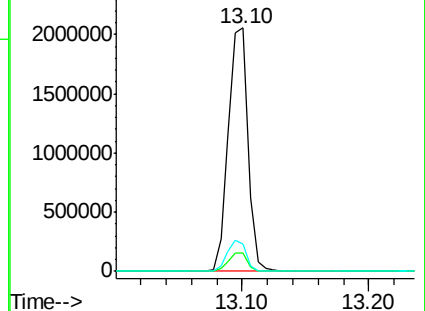
122 11.0 11.0 16.4#



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: 15.69 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF107557.D

Acq: 21 Jul 2018 6:44

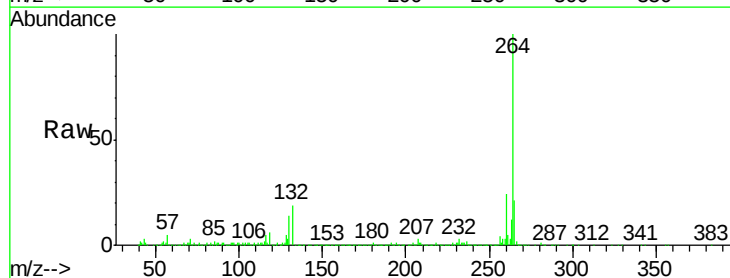
Tgt Ion:264 Resp: 528878

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 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

