

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107684.D
 Acq On : 26 Jul 2018 4:35
 Operator : JU/SJ
 Sample : J4133-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 07:53:29 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	187014	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	685601	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	254533	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	440381	20.00	ng	0.00
75) Chrysene-d12	14.15	240	374823	20.00	ng	-0.01
86) Perylene-d12	15.69	264	292544	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	483484	41.57	ng	-0.01
7) Phenol-d6	6.60	99	438613	31.40	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1195918	117.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	279921	96.71	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1975358	184.94	ng	-0.01
78) Terphenyl-d14	13.09	244	1488442	101.66	ng	-0.01

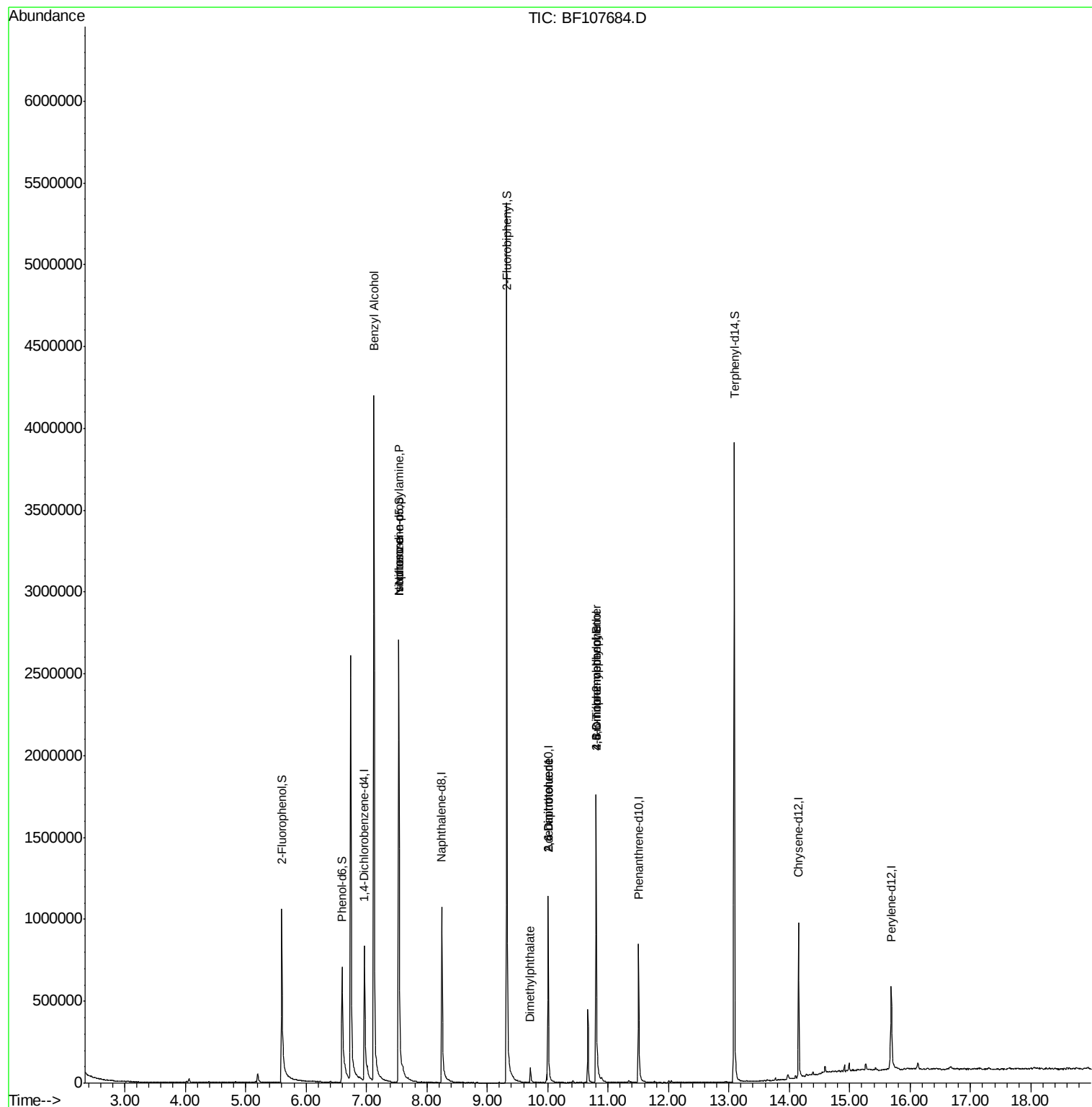
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.12	79	20031	2.104	ng	# 43
19) n-Nitroso-di-n-propylamine	7.54	70	153468	17.009	ng	# 78
25) Isophorone	7.54	82	1195918	55.134	ng	# 64
49) Dimethylphthalate	9.71	163	49370	2.574	ng	# 99
50) 2,6-Dinitrotoluene	10.01	165	32010	8.405	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	32010	6.963	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	258	8.780	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	16060	3.098	ng	# 1
73) Di-n-butylphthalate	12.05	149	5875	Below Cal		# 95
81) 3,3'-Dichlorobenzidine	14.10	252	121	Below Cal		# 27

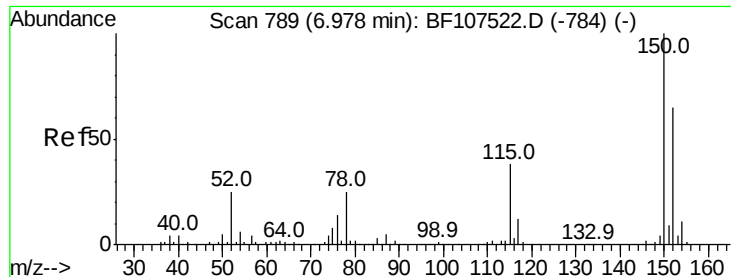
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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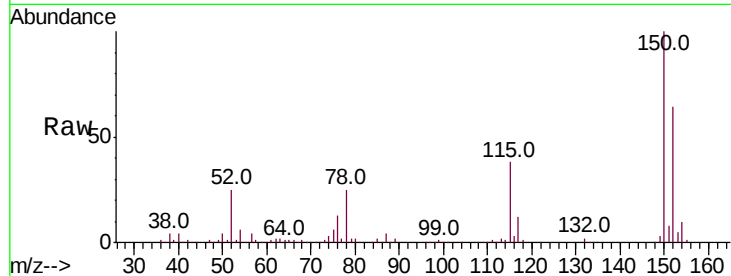


#1

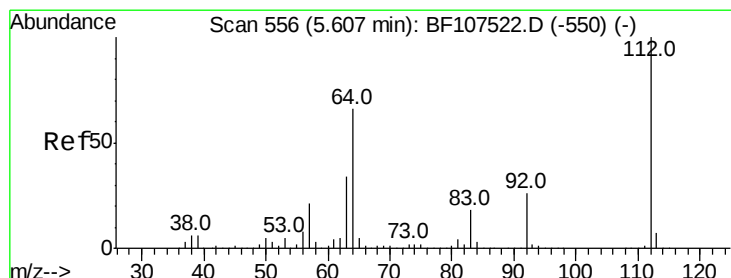
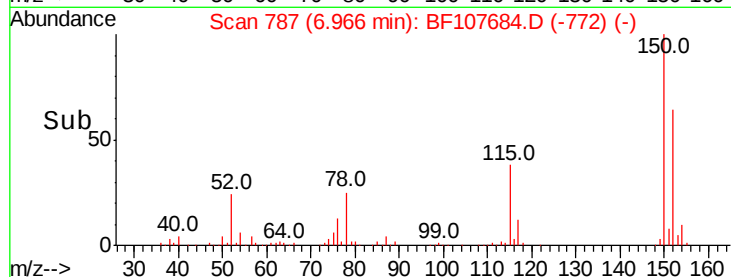
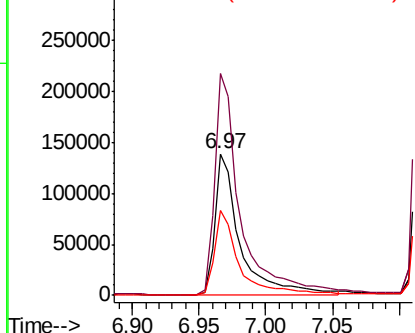
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	60.2	50.1	75.1



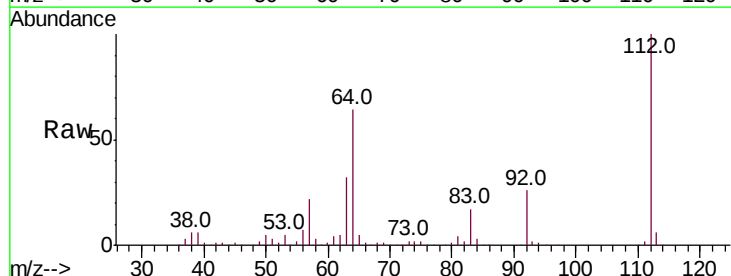
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



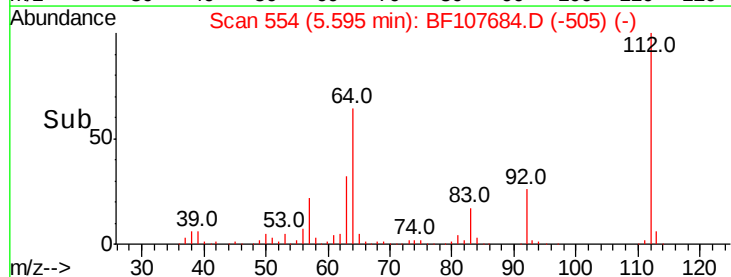
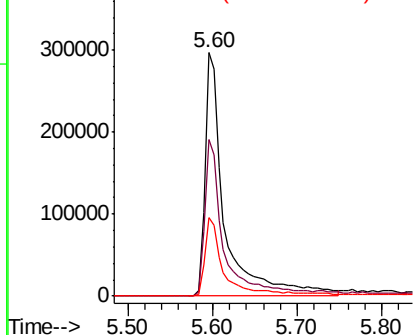
#5

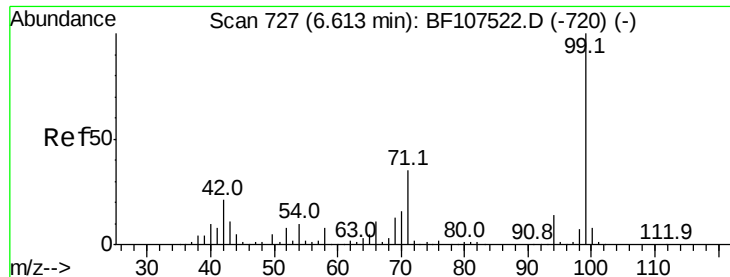
2-Fluorophenol
Concen: 41.566 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.9	71.9
63	32.2	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: 31.405 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107684.D

Acq: 26 Jul 2018 4:35

Instrument :

BNA_F

ClientSampleId :

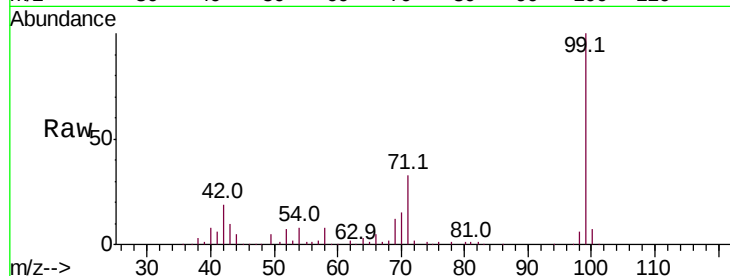
Tot Ion: 99 Resp: 438613

Ion Ratio Lower Upper

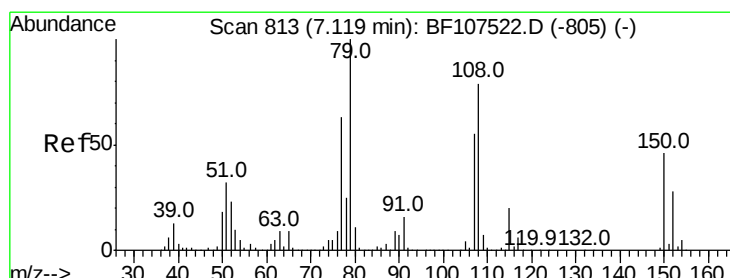
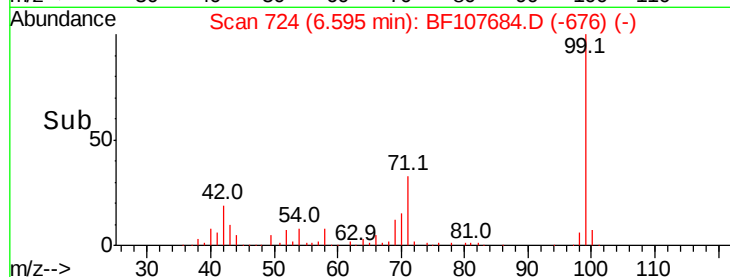
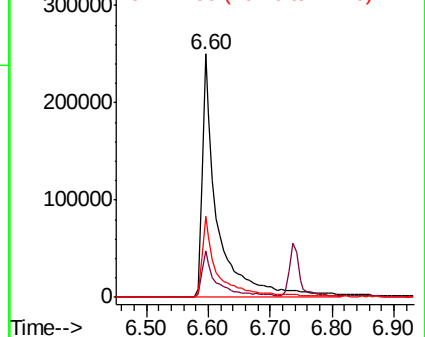
99 100

42 19.2 14.5 21.7

71 33.0 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



#15

Benzyl Alcohol

Concen: 2.104 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF107684.D

Acq: 26 Jul 2018 4:35

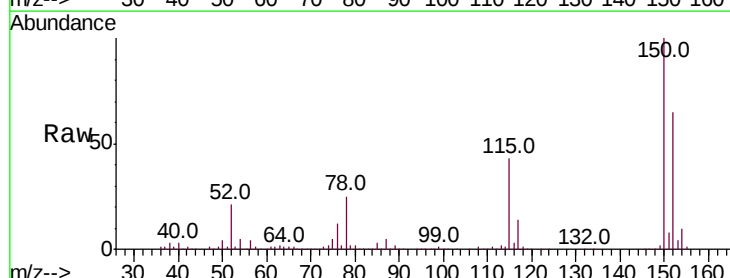
Tgt Ion: 79 Resp: 20031

Ion Ratio Lower Upper

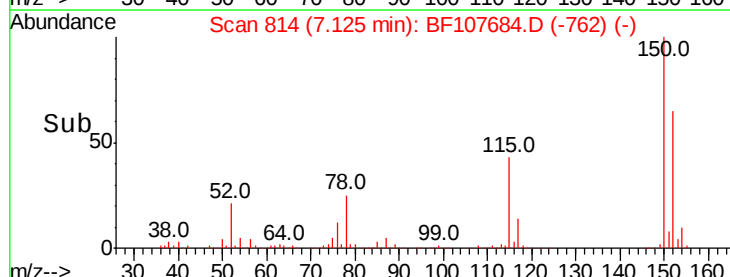
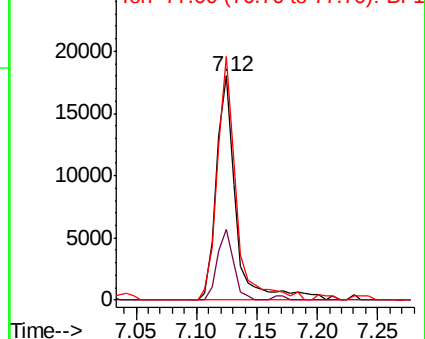
79 100

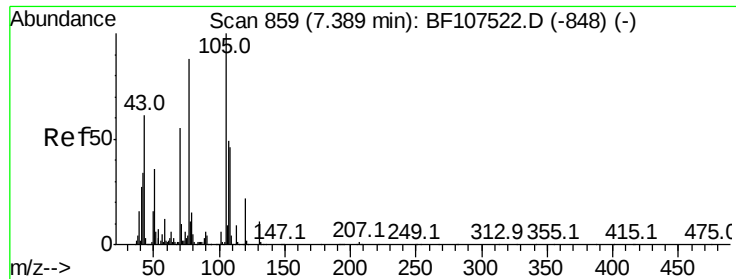
108 31.9 65.1 97.7#

77 108.6 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

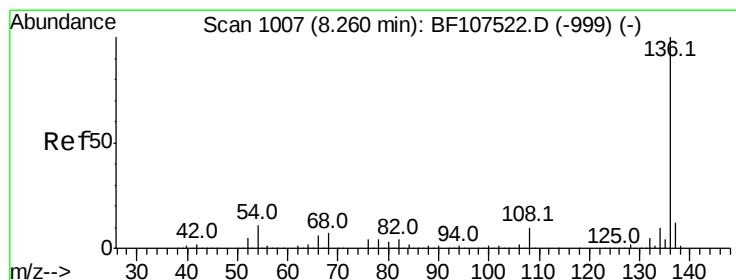
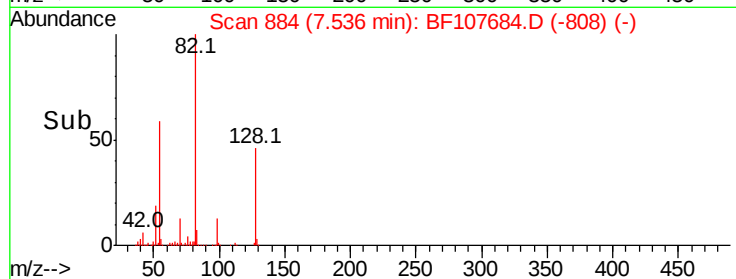
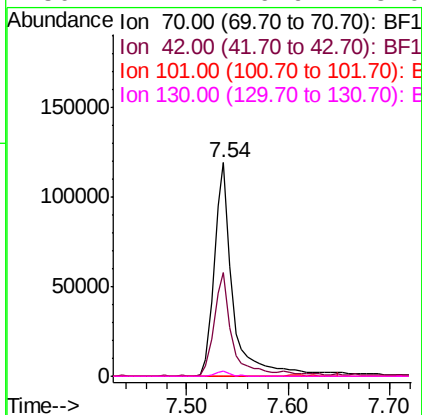
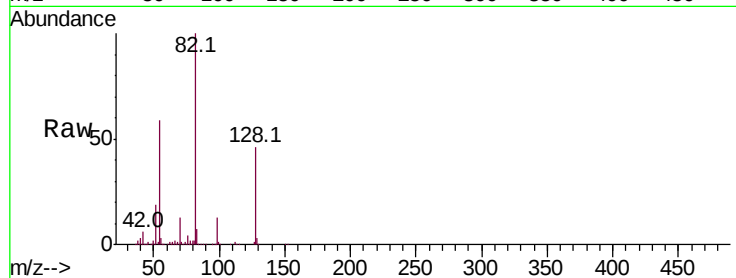




#19
n-Nitroso-di-n-propylamine
Concen: 17.009 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

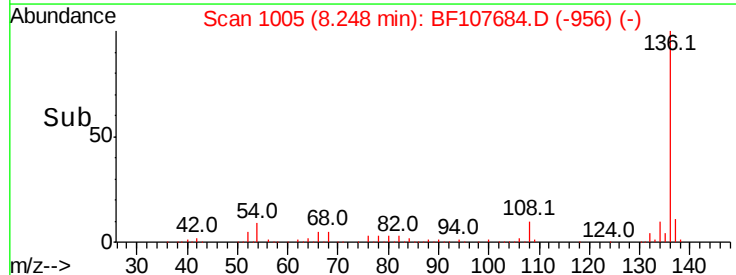
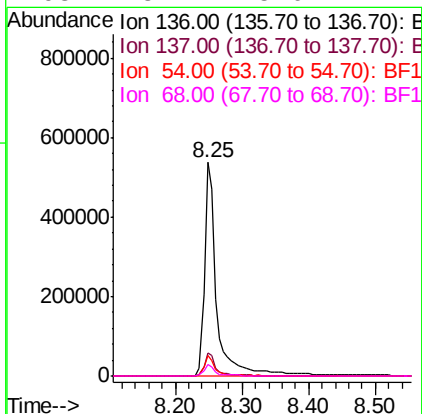
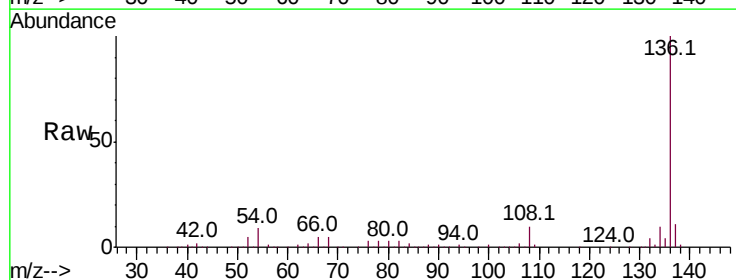
Instrument :
BNA_F
ClientSampleId :

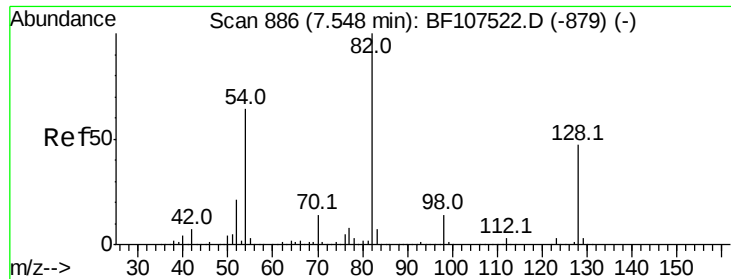
Tot Ion: 70 Resp: 153468
Ion Ratio Lower Upper
70 100
42 48.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Tgt Ion: 136 Resp: 685601
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.3 6.6 9.8
68 5.4 5.0 7.4



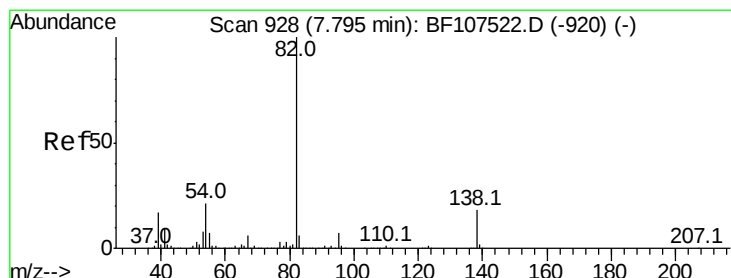
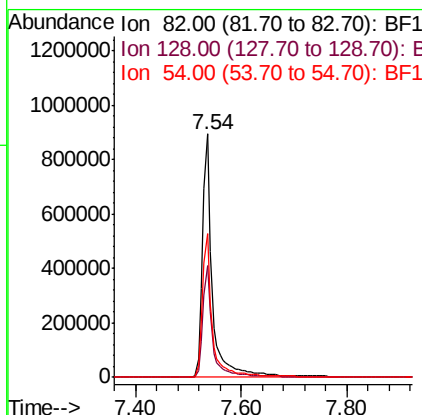
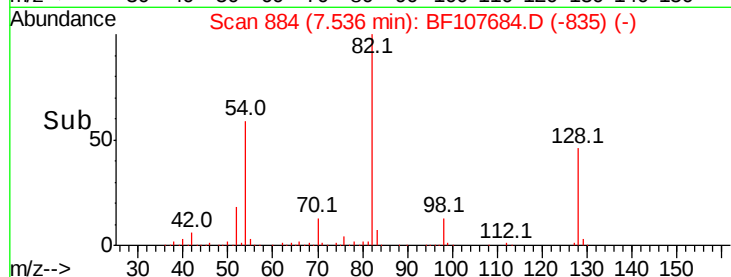
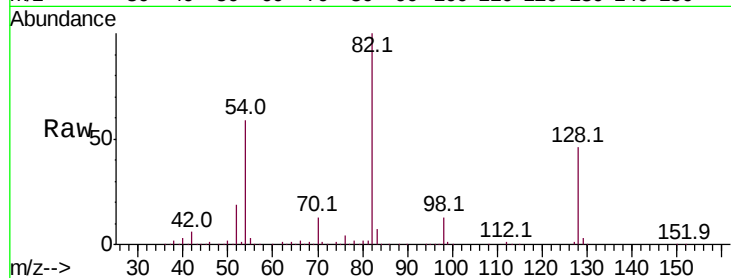


#23
 Nitrobenzene-d5
 Concen: 117.721 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107684.D
 Acq: 26 Jul 2018 4:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1195918

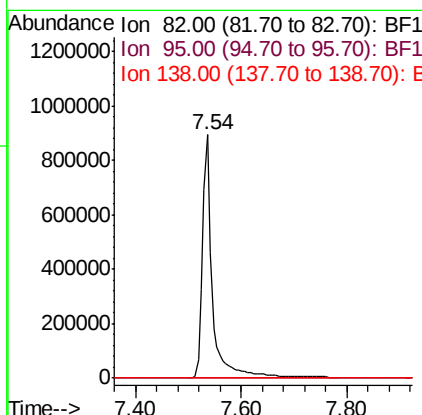
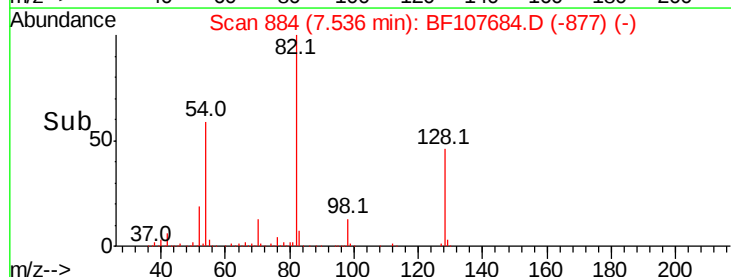
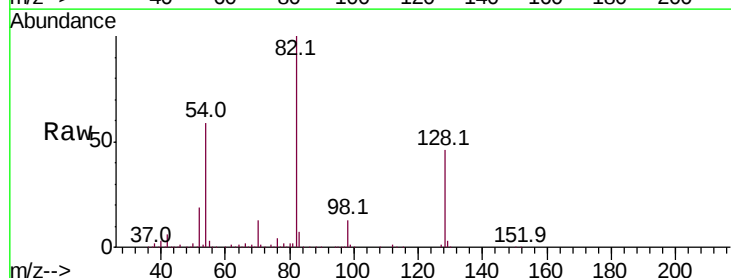
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	59.1	41.4	62.2

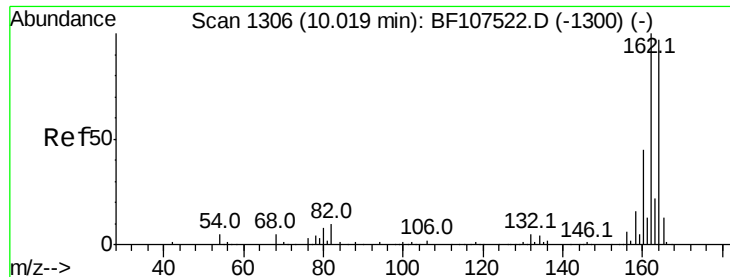


#25
 Isophorone
 Concen: 55.134 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF107684.D
 Acq: 26 Jul 2018 4:35

Tgt Ion: 82 Resp: 1195918

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF107684.D

Acq: 26 Jul 2018 4:35

Instrument :

BNA_F

ClientSampleId :

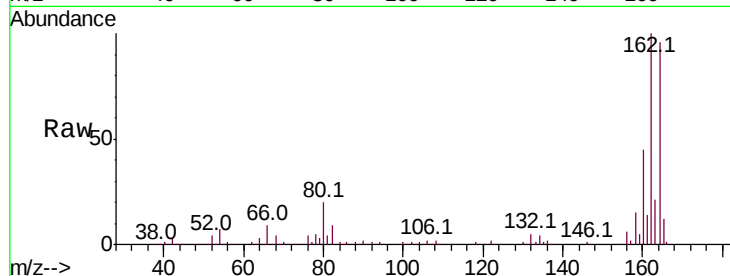
Tot Ion:164 Resp: 254533

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

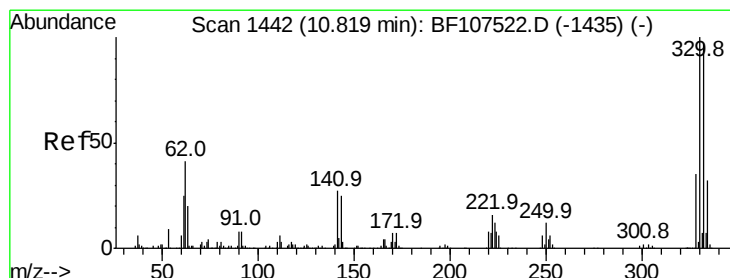
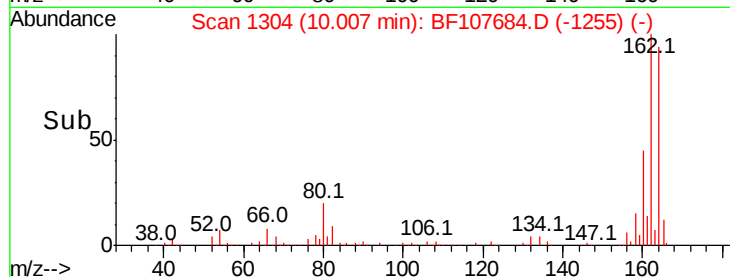
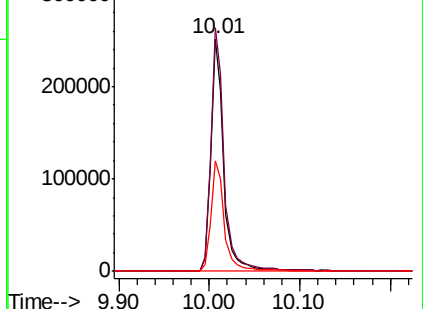
160 47.5 38.3 57.5



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: 96.710 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF107684.D

Acq: 26 Jul 2018 4:35

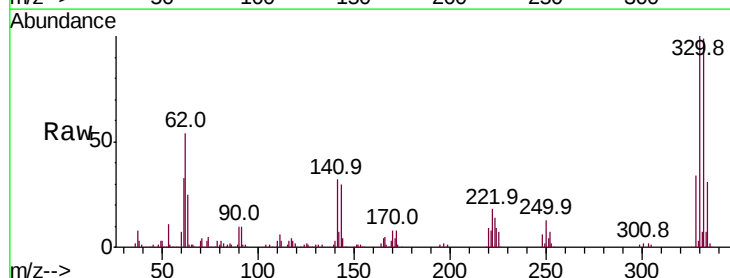
Tgt Ion:330 Resp: 279921

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

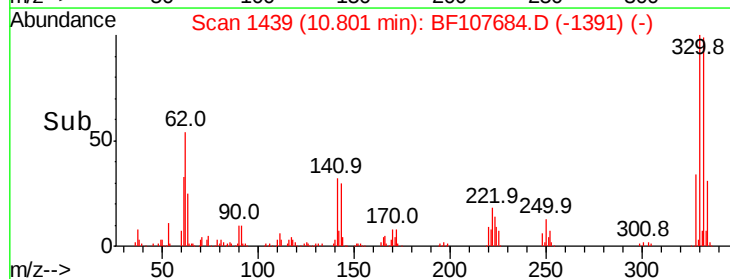
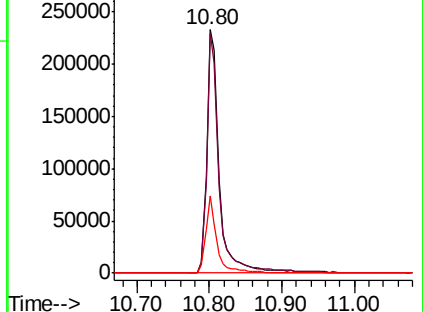
141 29.1 29.9 44.9#

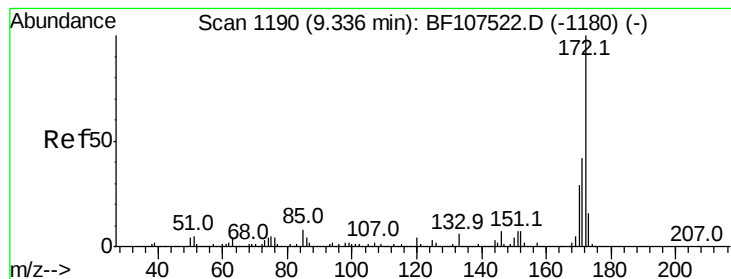


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

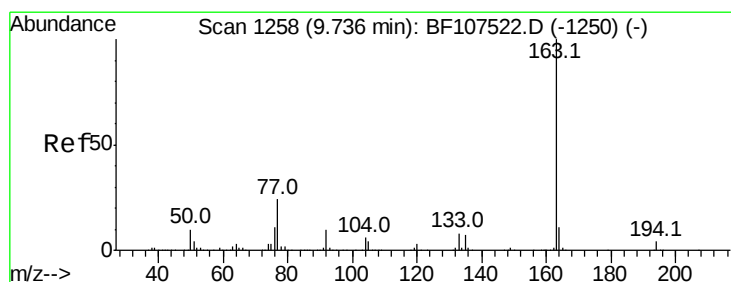
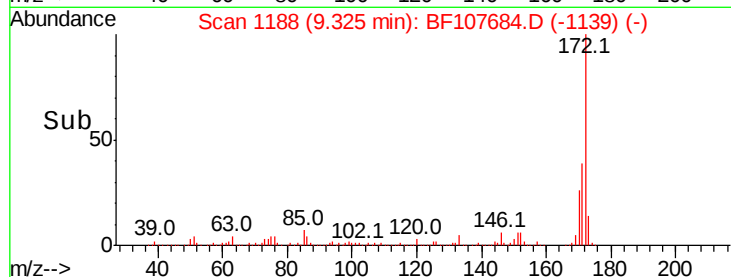
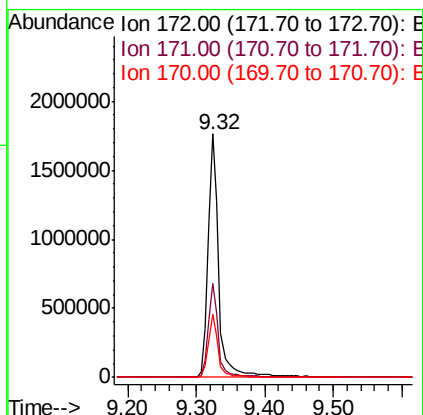
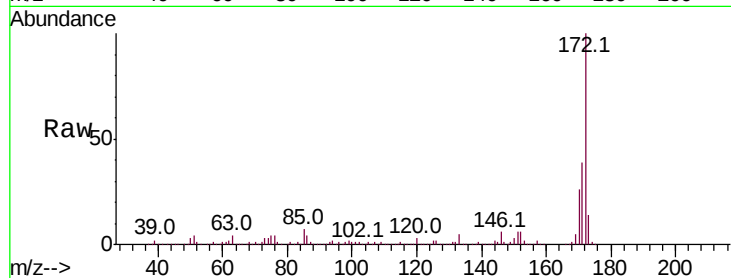




#44
2-Fluorobiphenyl
Concen: 184.937 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

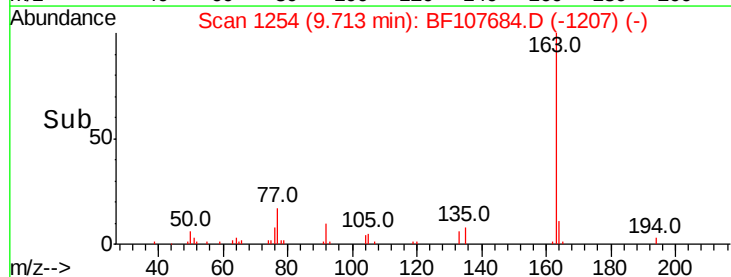
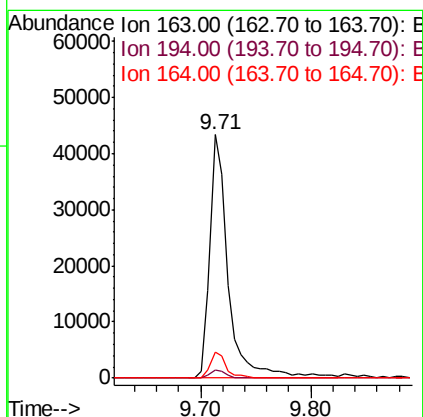
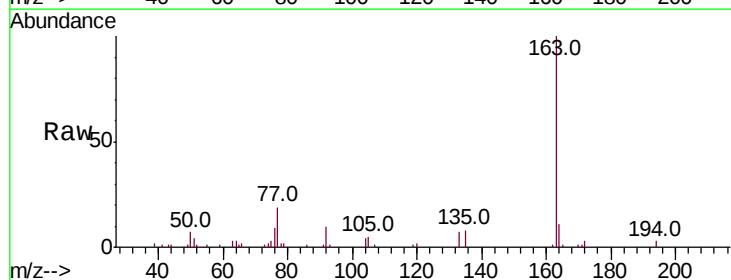
Instrument :
BNA_F
ClientSampleId :

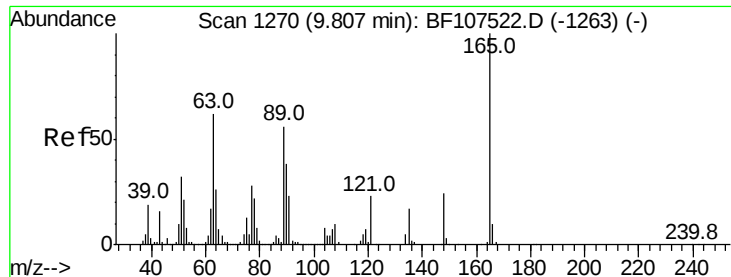
Tot Ion:172 Resp: 1975358
Ion Ratio Lower Upper
172 100
171 38.5 29.7 44.5
170 25.9 19.6 29.4



#49
Dimethylphthalate
Concen: 2.574 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Tgt Ion:163 Resp: 49370
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2

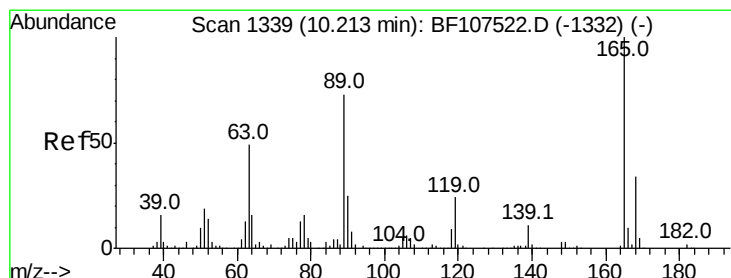
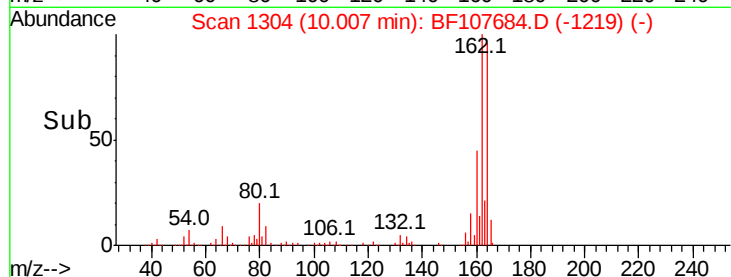
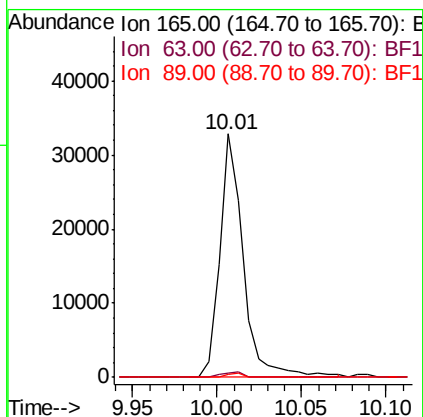
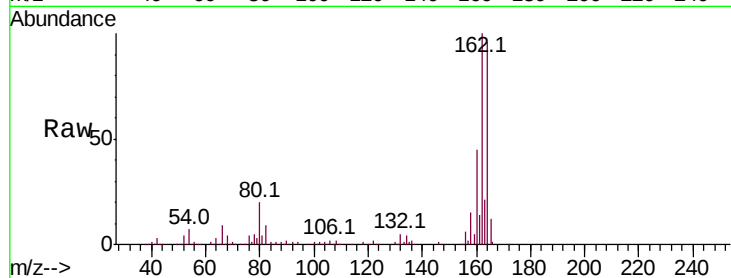




#50
2,6-Dinitrotoluene
Concen: 8.405 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

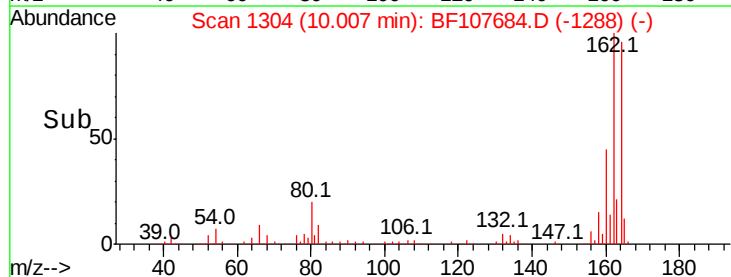
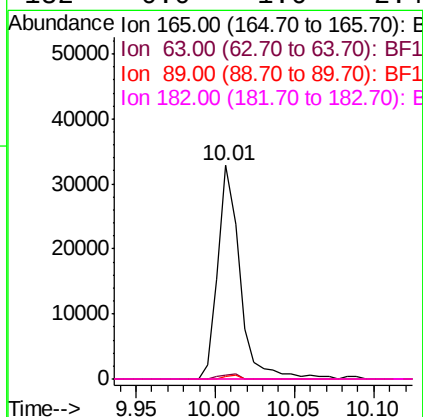
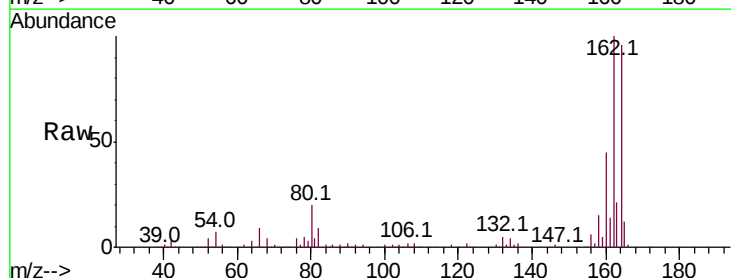
Instrument :
BNA_F
ClientSampleId :

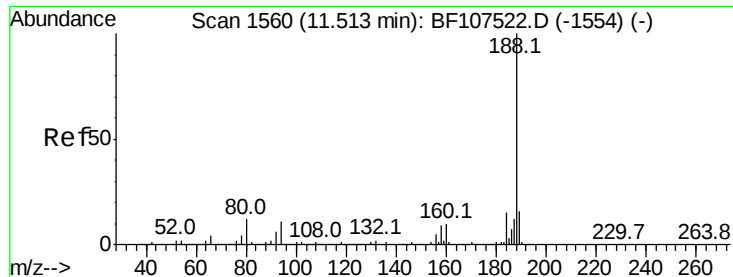
Tot Ion:165 Resp: 32010
Ion Ratio Lower Upper
165 100
63 1.8 44.7 67.1#
89 1.3 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 6.963 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Tgt Ion:165 Resp: 32010
Ion Ratio Lower Upper
165 100
63 1.8 36.4 54.6#
89 1.3 57.8 86.6#
182 0.0 1.6 2.4#

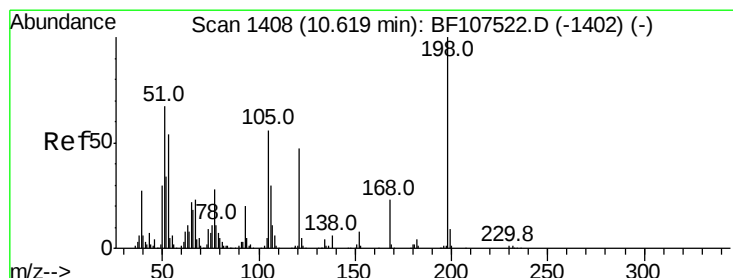
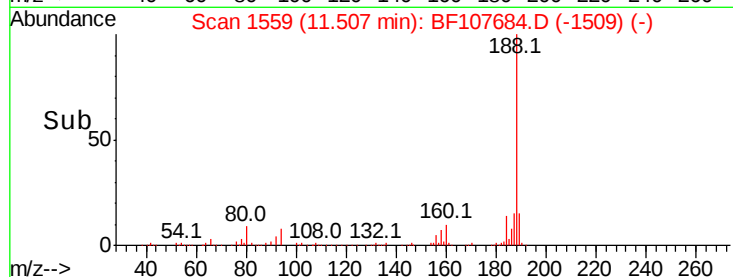
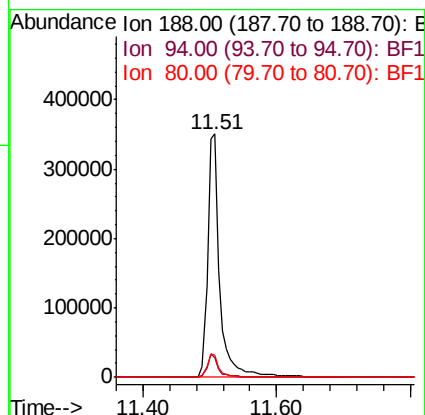
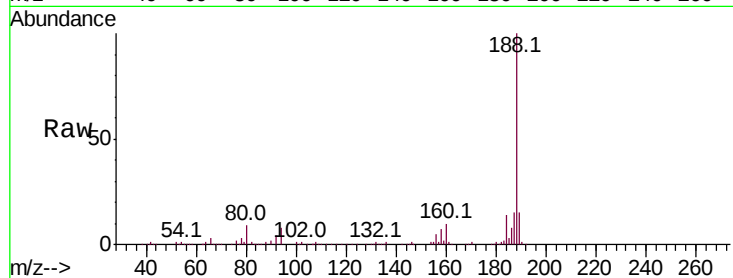




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

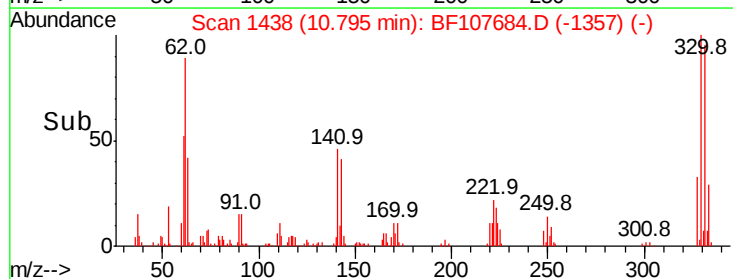
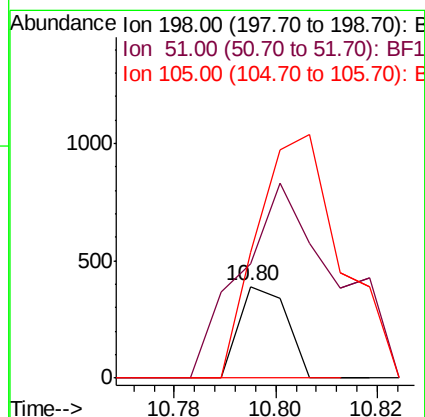
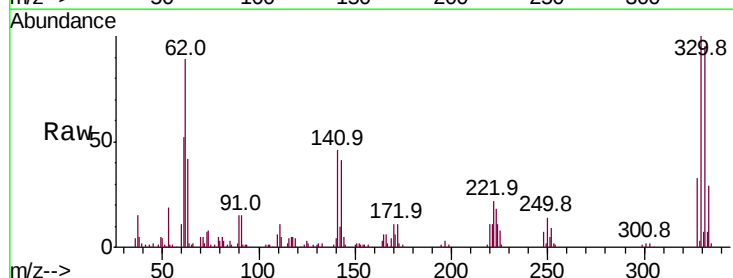
Instrument :
BNA_F
ClientSampleId :

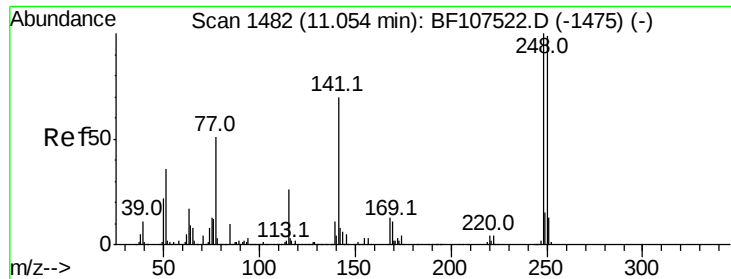
Tot Ion:188 Resp: 440381
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 9.0 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.780 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Tgt Ion:198 Resp: 258
Ion Ratio Lower Upper
198 100
51 124.3 37.7 77.7#
105 137.1 36.3 76.3#

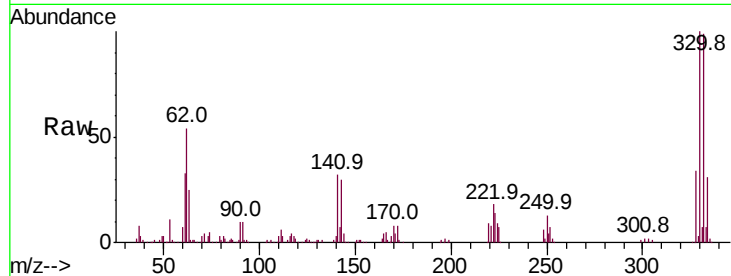




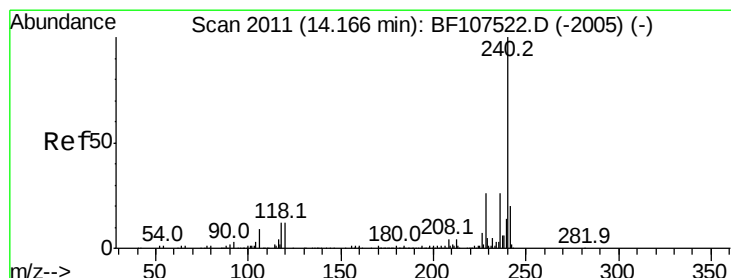
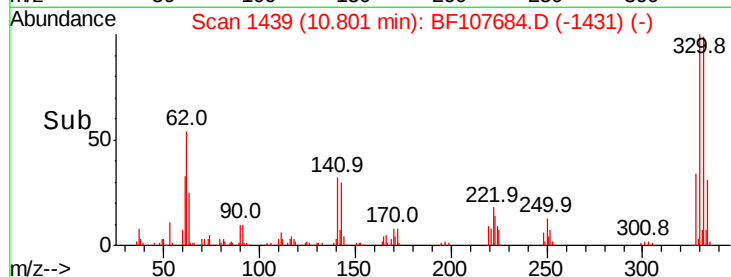
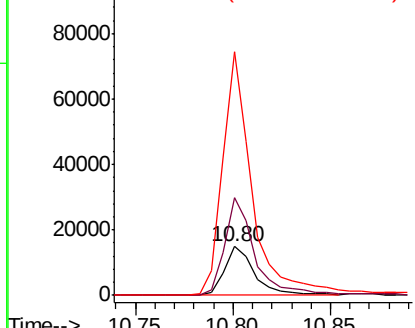
#66
4-Bromophenyl-phenylether
Concen: 3.098 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16060
Ion Ratio Lower Upper
248 100
250 200.8 76.9 115.3#
141 500.1 74.4 111.6#

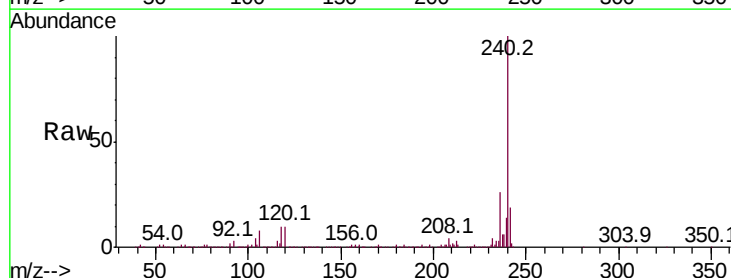


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

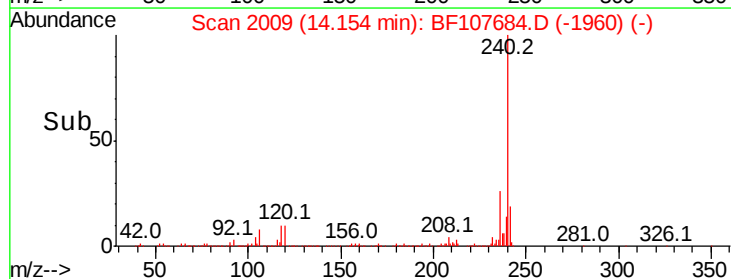
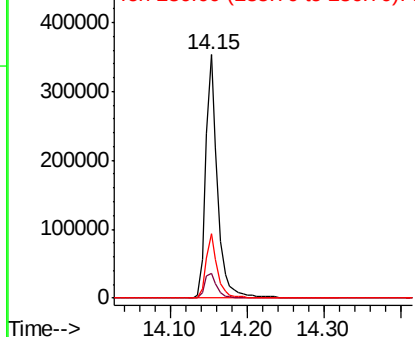


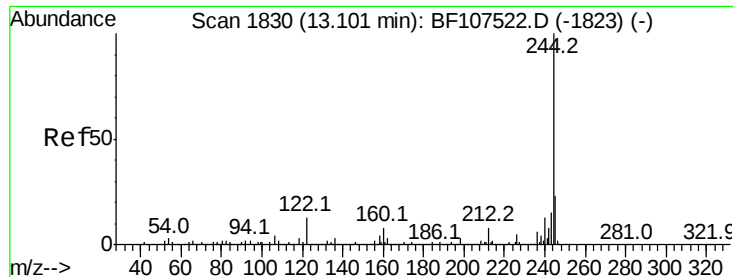
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107684.D
Acq: 26 Jul 2018 4:35

Tgt Ion:240 Resp: 374823
Ion Ratio Lower Upper
240 100
120 10.3 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: 101.663 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107684.D

Acq: 26 Jul 2018 4:35

Instrument :

BNA_F

ClientSampleId :

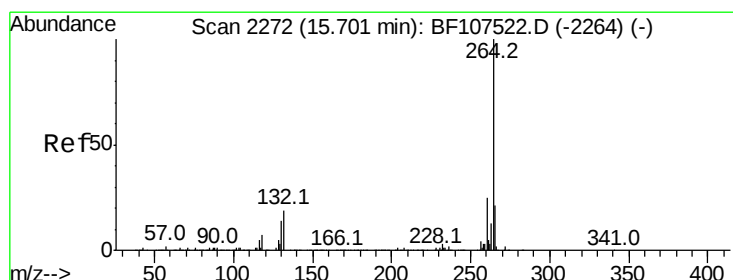
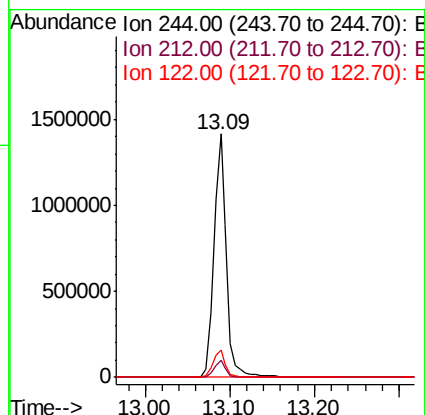
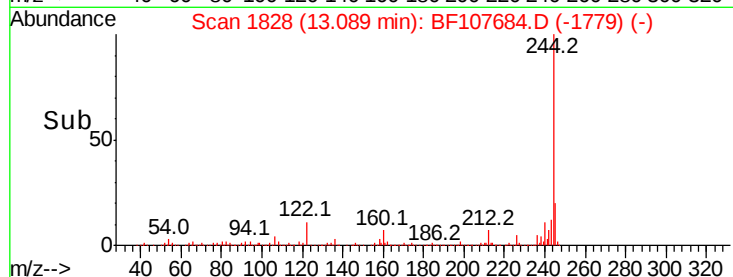
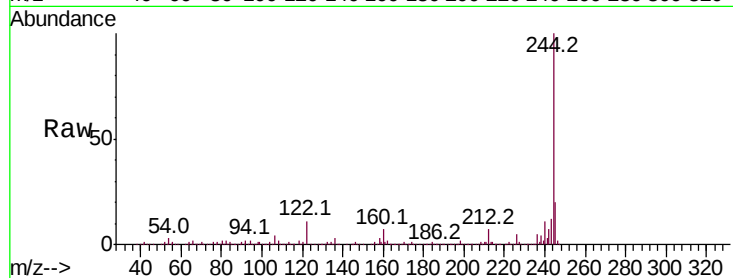
Tot Ion:244 Resp: 1488442

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 11.4 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF107684.D

Acq: 26 Jul 2018 4:35

Tgt Ion:264 Resp: 292544

Ion Ratio Lower Upper

264 100

260 25.7 19.2 28.8

265 21.8 17.5 26.3

