

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072618\
 Data File : BF107739.D
 Acq On : 27 Jul 2018 10:23
 Operator : JU/SJ
 Sample : J4142-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 12:13:20 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

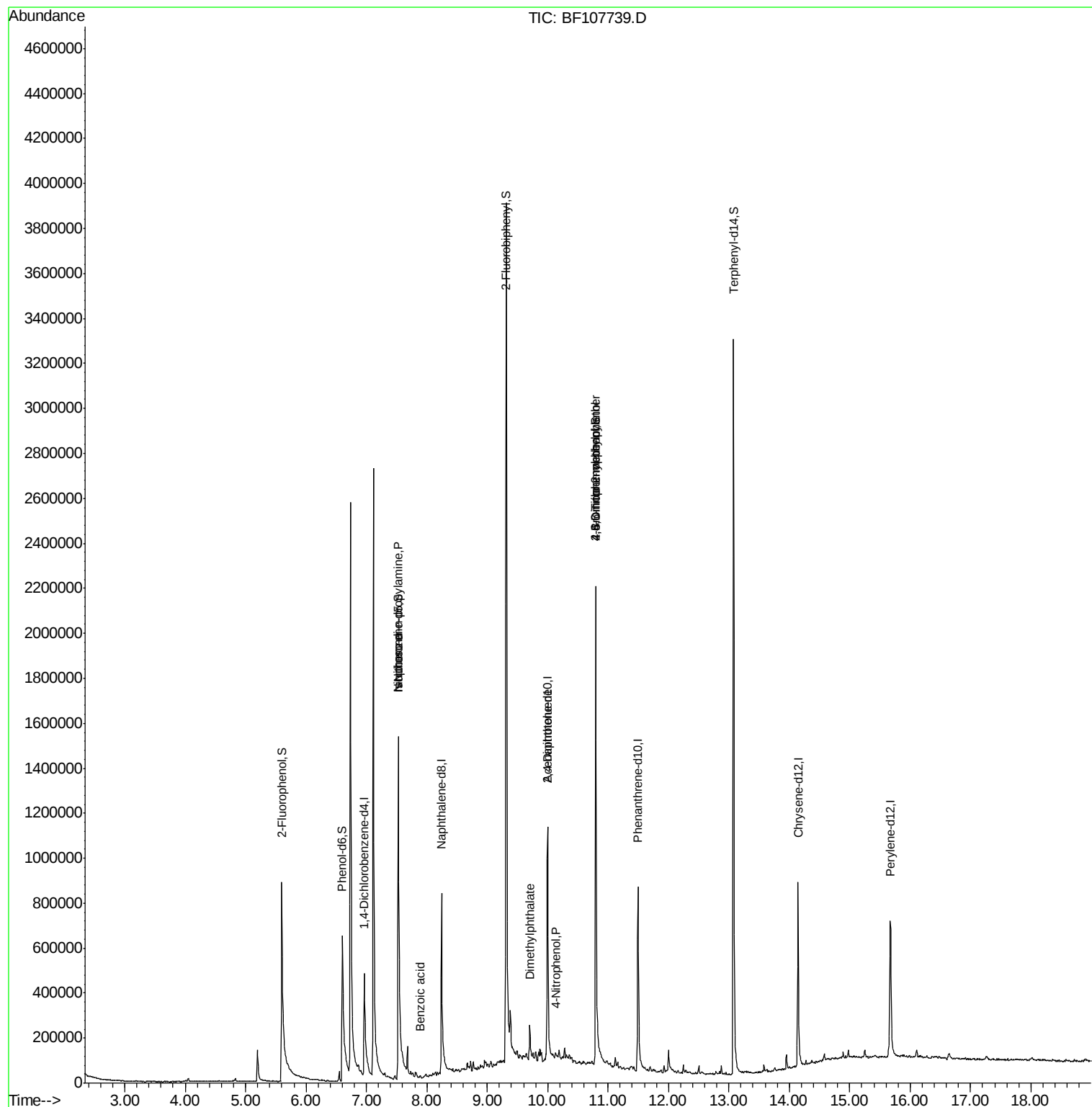
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151582	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	638098	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	271841	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	443509	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	376475	20.00	ng	-0.02
86) Perylene-d12	15.67	264	396031	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	620643	65.83	ng	-0.01
7) Phenol-d6	6.60	99	610552	53.93	ng	-0.01
23) Nitrobenzene-d5	7.52	82	946061	100.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	382242	123.65	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1776607	128.49	ng	-0.02
78) Terphenyl-d14	13.08	244	1291687	87.84	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	116075	15.872	ng	# 80
25) Isophorone	7.52	82	957713	47.439	ng	# 64
32) Benzoic acid	7.89	122	111	7.915	ng	# 32
49) Dimethylphthalate	9.71	163	85259	4.161	ng	# 98
55) 4-Nitrophenol	10.13	139	7869	2.124	ng	# 50
56) 2,4-Dinitrotoluene	10.00	165	37654	7.669	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	494	8.870	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	22997	4.405	ng	# 1
73) Di-n-butylphthalate	12.04	149	2193	Below Cal	#	78
81) 3,3'-Dichlorobenzidine	14.06	252	116	Below Cal	#	27

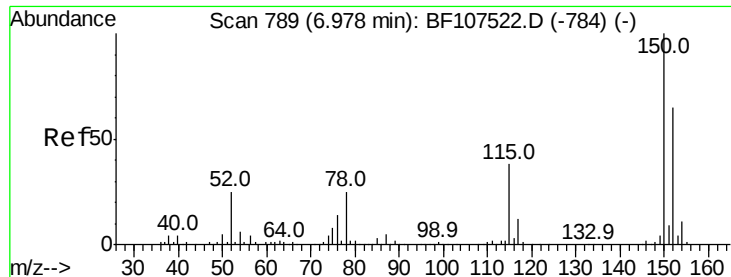
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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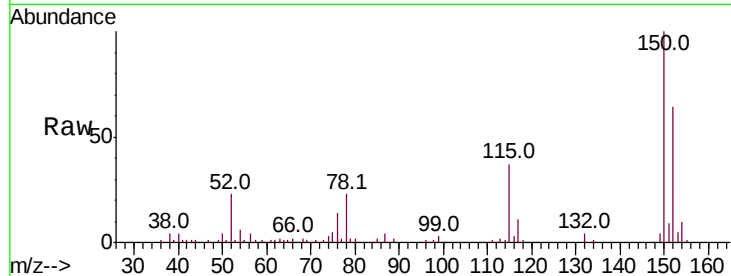


#1

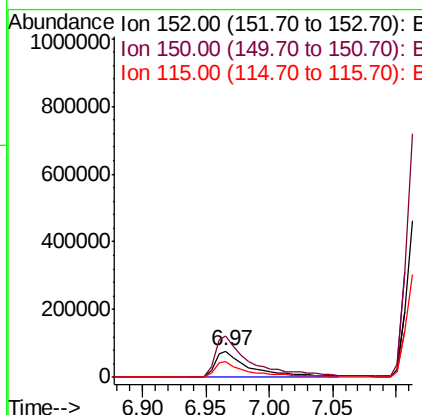
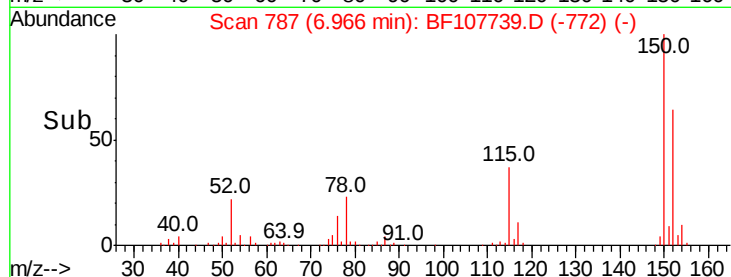
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 151582
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 58.0 50.1 75.1



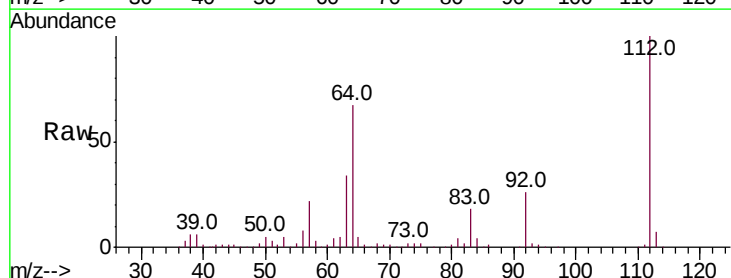
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



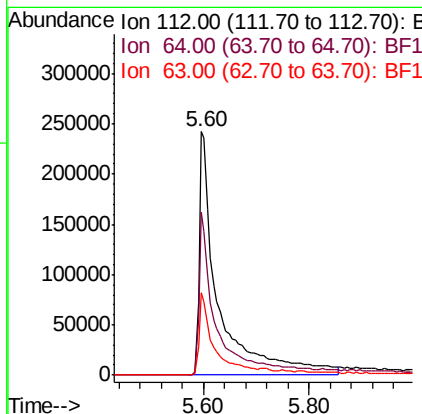
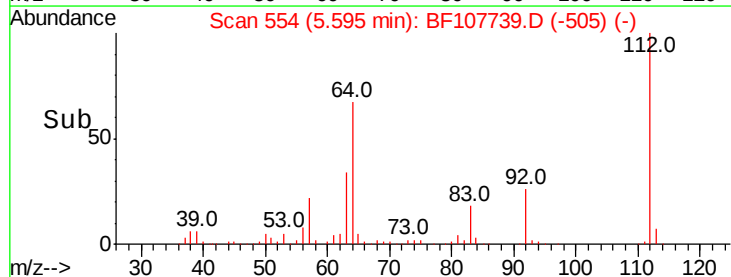
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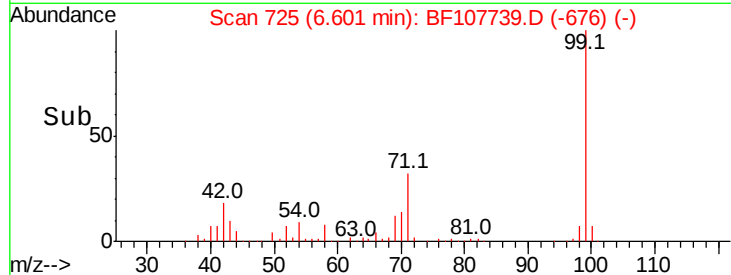
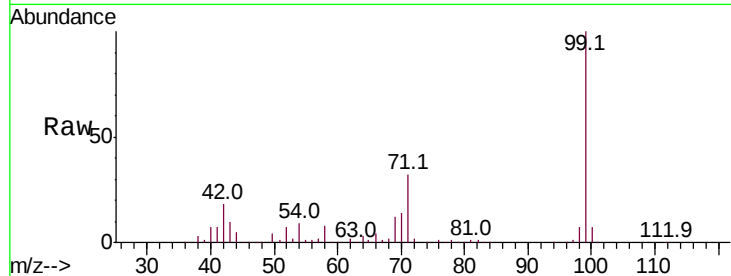
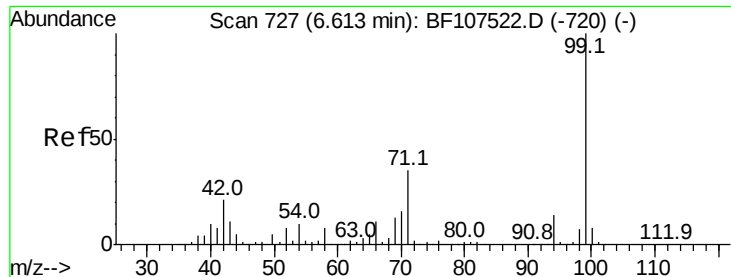
2-Fluorophenol
Concen: 65.831 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

Tgt Ion:112 Resp: 620643
Ion Ratio Lower Upper
112 100
64 67.0 47.9 71.9
63 33.9 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

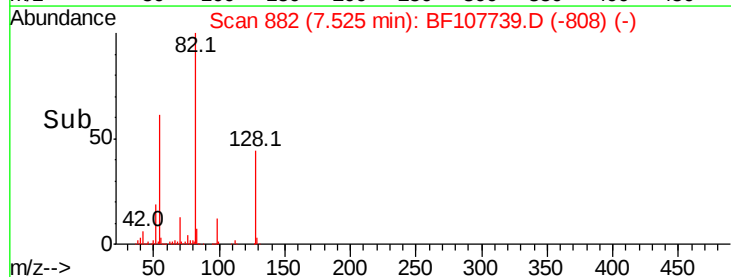
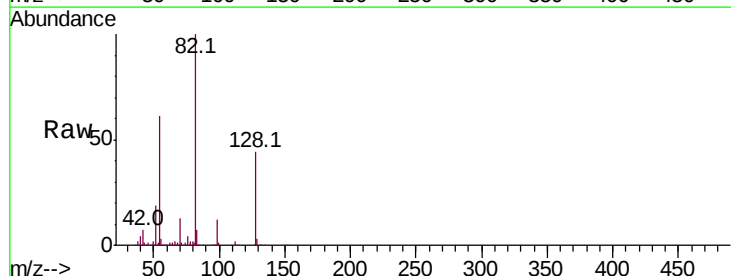
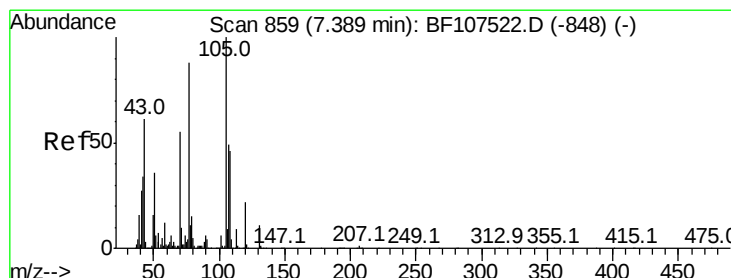
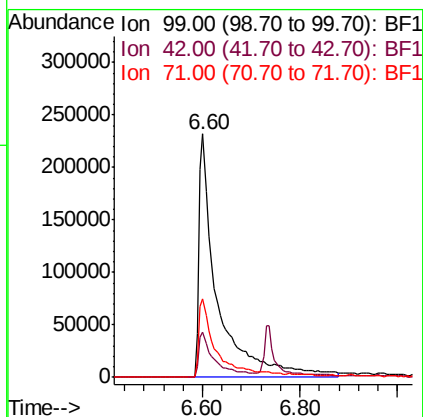




#7
Phenol-d6
Concen: 53.934 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

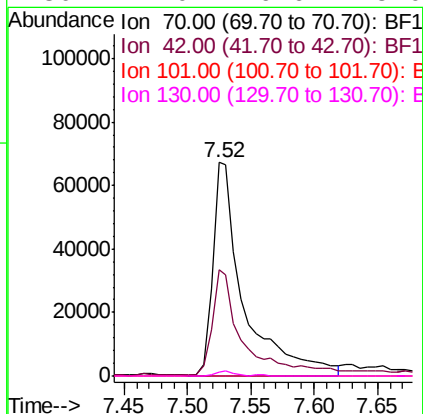
Instrument :
BNA_F
ClientSampleId :

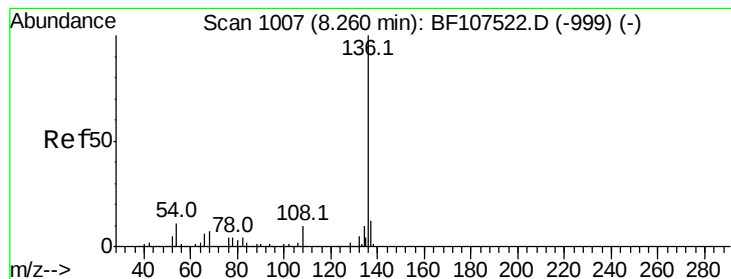
Tot Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	32.3	25.4	38.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.872 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

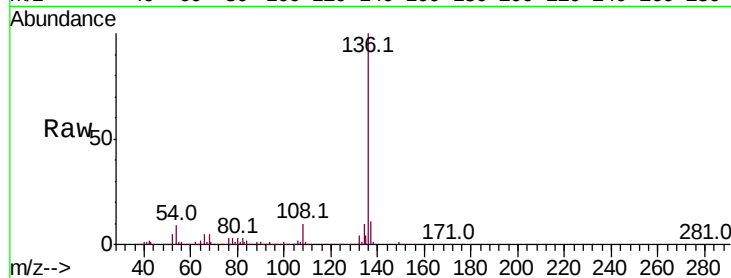




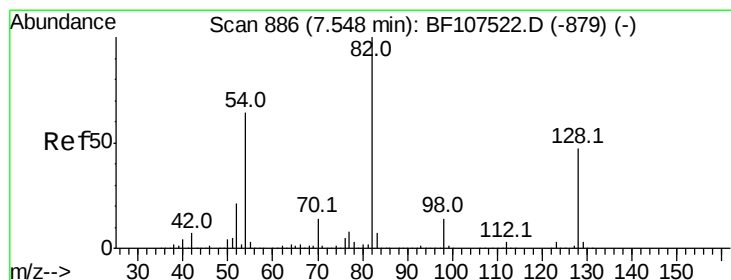
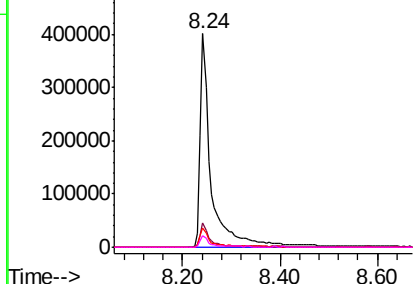
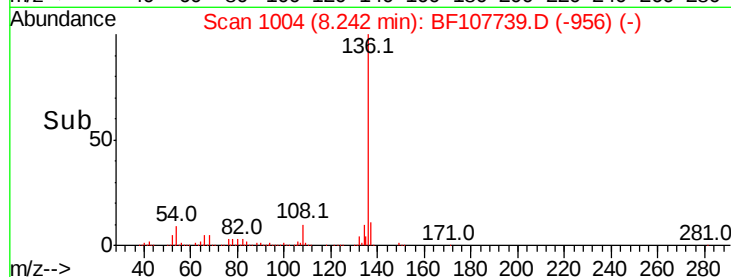
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	638098
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.0	6.6	9.8
68	5.4	5.0	7.4

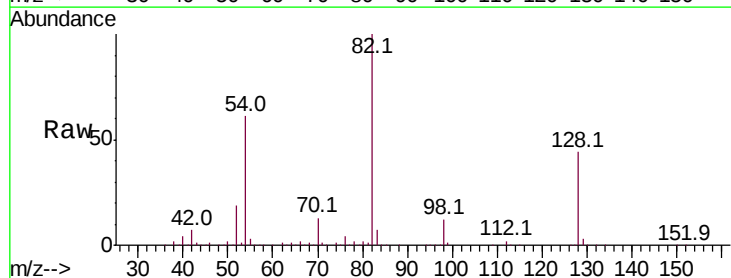


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

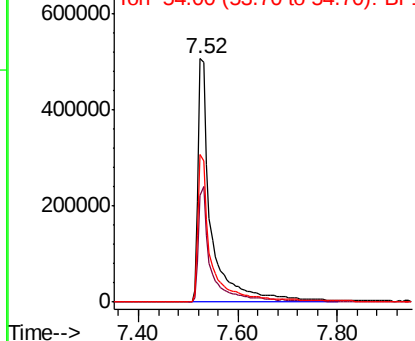
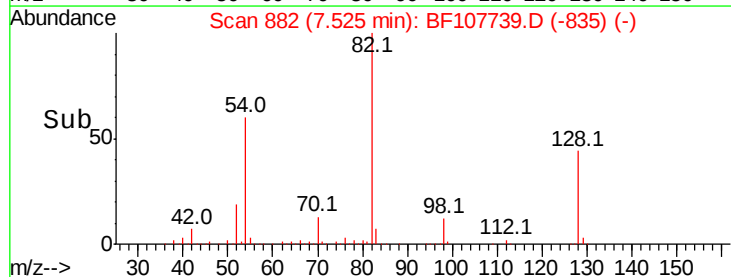


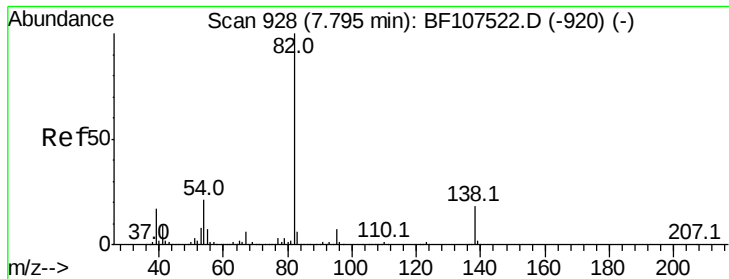
#23
Nitrobenzene-d5
Concen: 100.059 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

Tgt Ion:	82	Resp:	946061
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	60.6	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

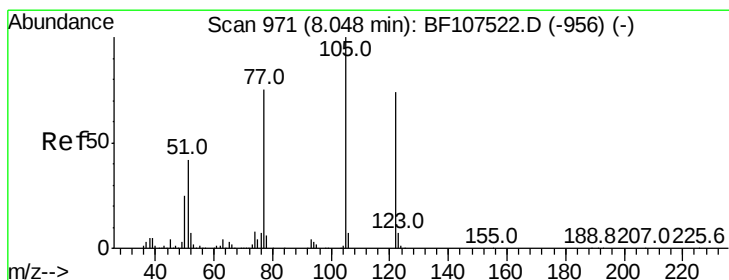
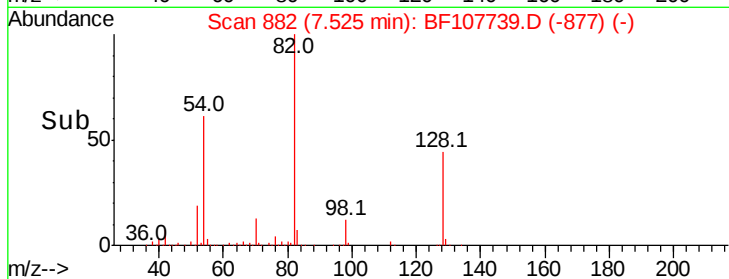
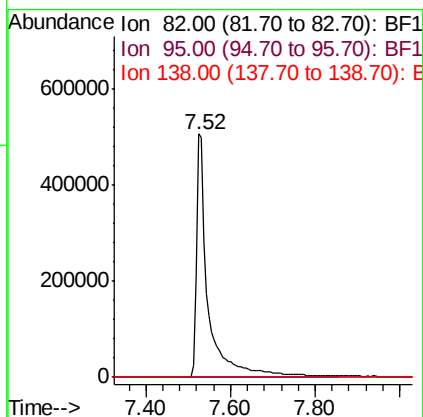
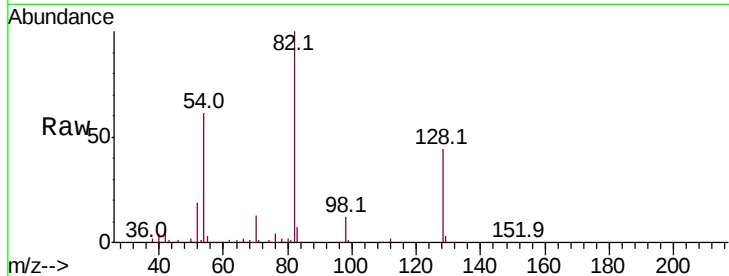




#25
Isophorone
Concen: 47.439 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

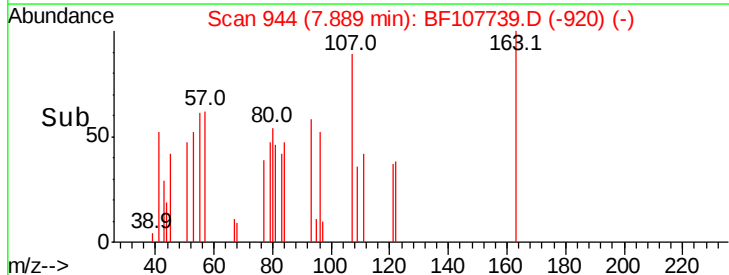
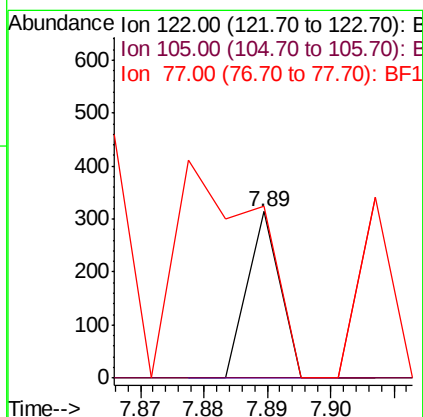
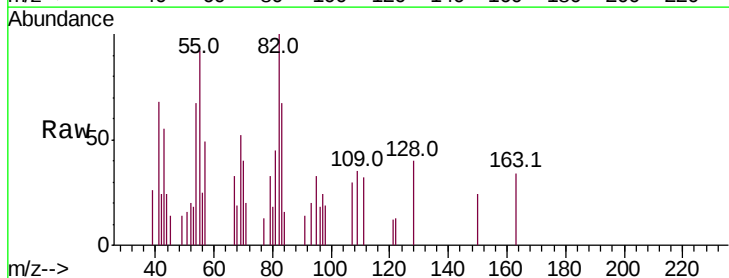
Instrument :
BNA_F
ClientSampleId :

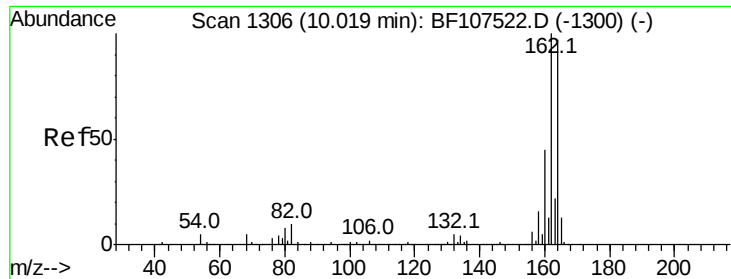
Tot Ion: 82 Resp: 957713
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 7.915 ng
RT: 7.89 min Scan# 944
Delta R.T. -0.16 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

Tgt Ion: 122 Resp: 111
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 103.5 70.7 110.7

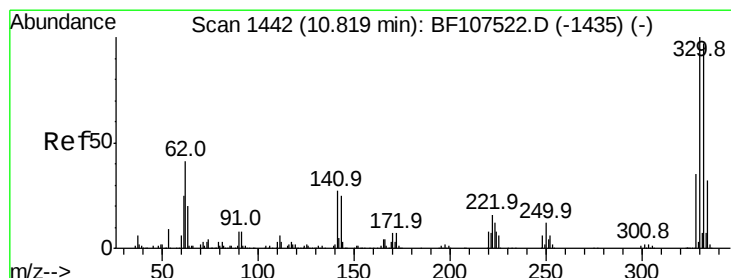
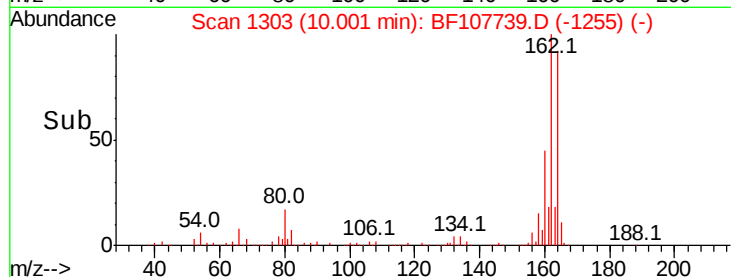
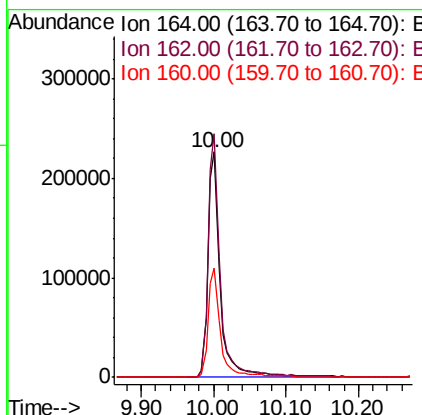
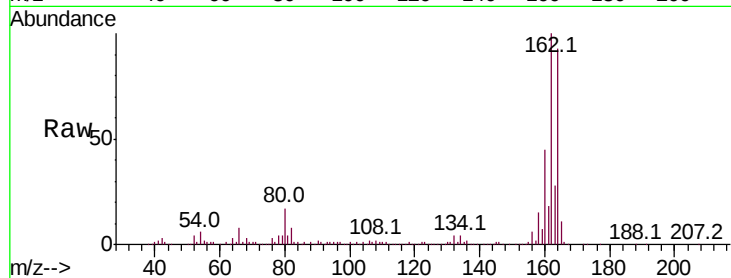




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107739.D
 Acq: 27 Jul 2018 10:23

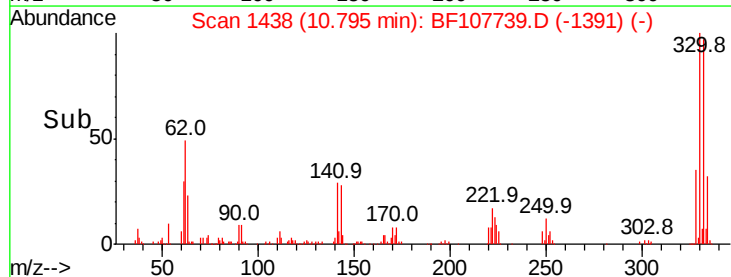
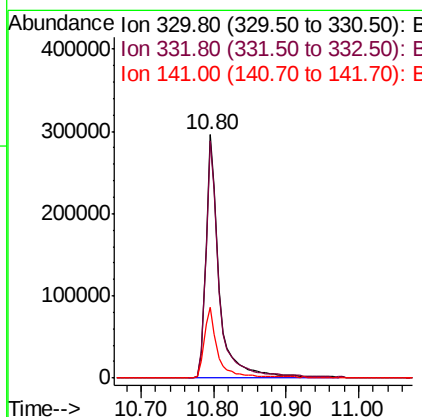
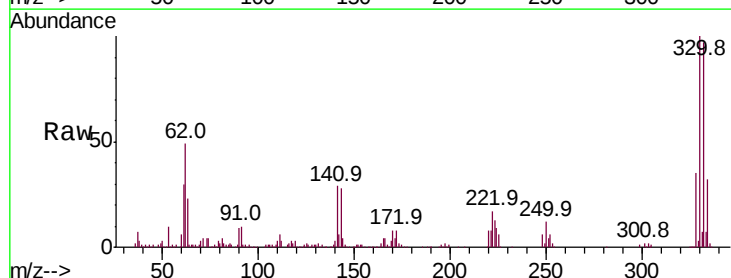
Instrument :
 BNA_F
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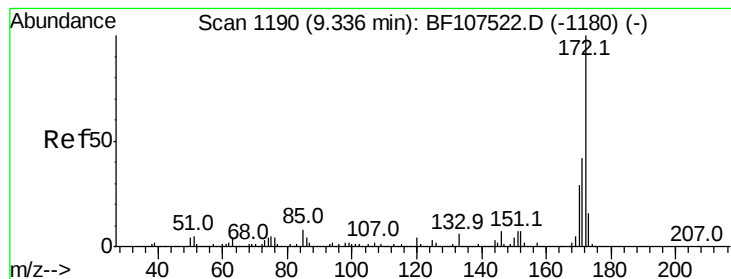
Tot Ion:164 Resp: 271841
 Ion Ratio Lower Upper
 164 100
 162 107.9 86.1 129.1
 160 48.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 123.653 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107739.D
 Acq: 27 Jul 2018 10:23

Tgt Ion:330 Resp: 382242
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 29.4 29.9 44.9#

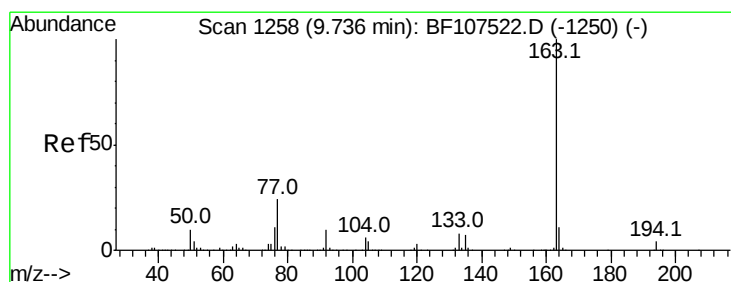
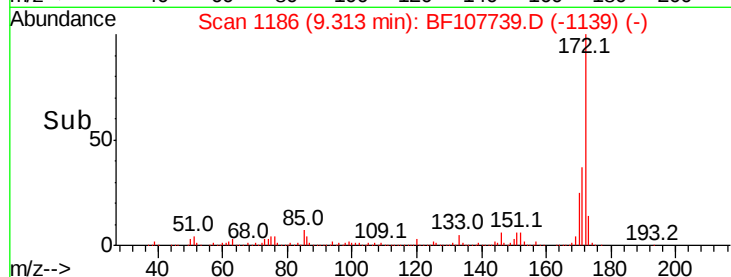
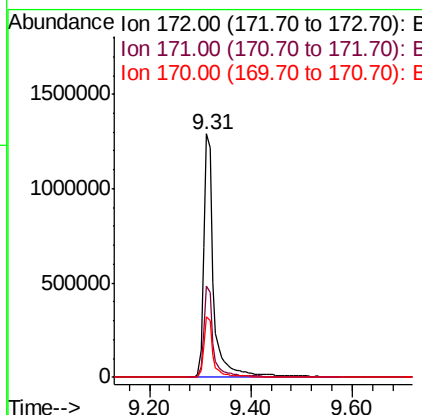
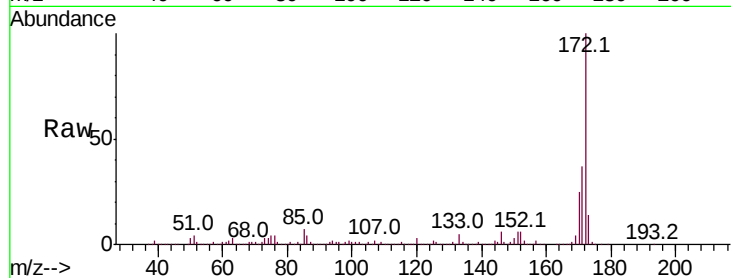




#44
2-Fluorobiphenyl
Concen: 128.494 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

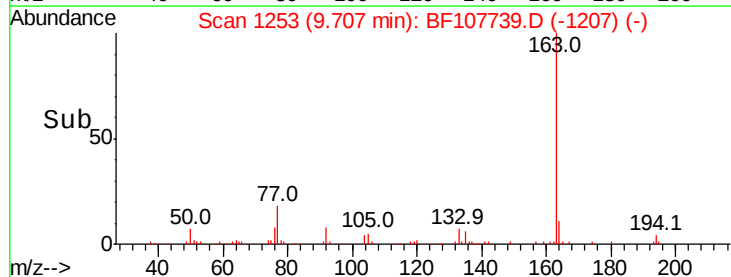
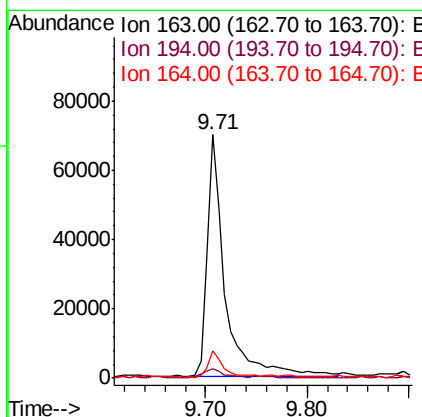
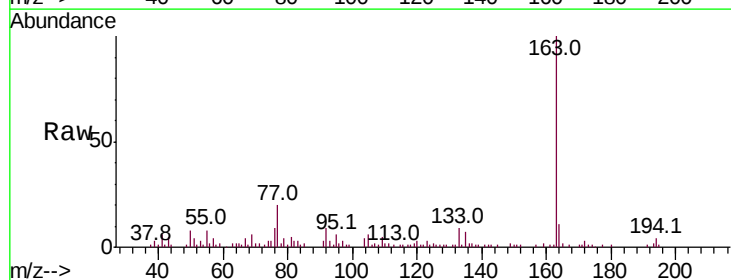
Instrument :
BNA_F
ClientSampleId :

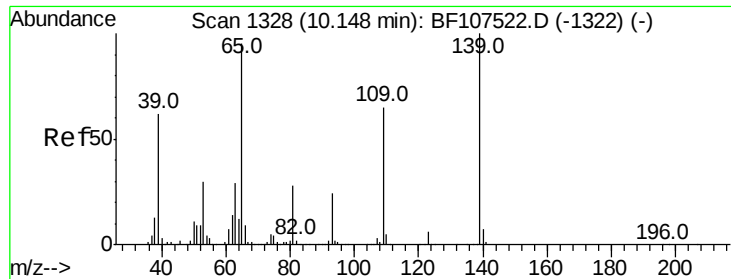
Tot Ion:172 Resp: 1776607
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 24.7 19.6 29.4



#49
Dimethylphthalate
Concen: 4.161 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

Tgt Ion:163 Resp: 85259
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.3 8.2 12.2

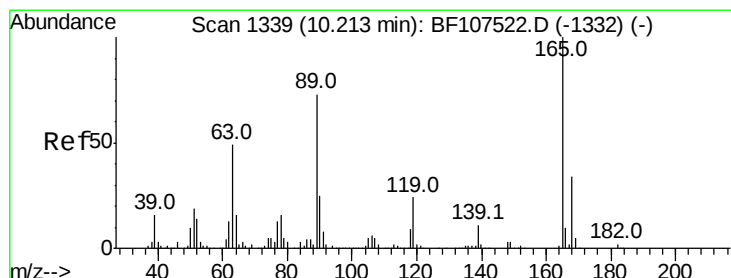
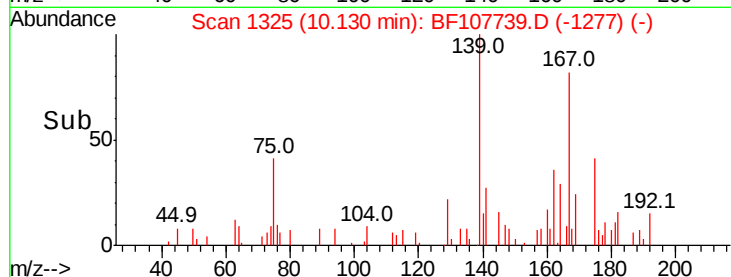
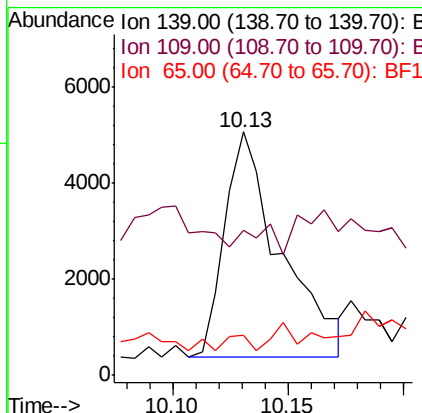
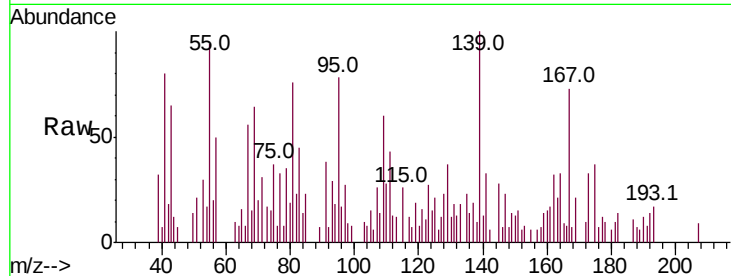




#55
4-Nitrophenol
Concen: 2.124 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

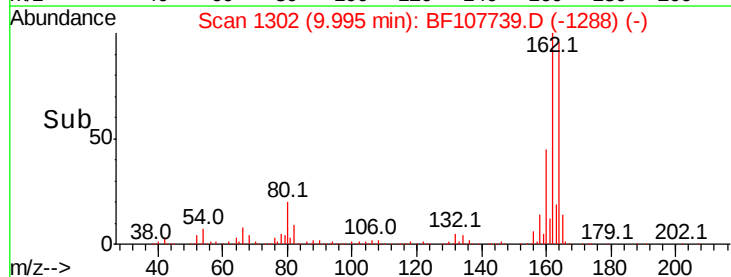
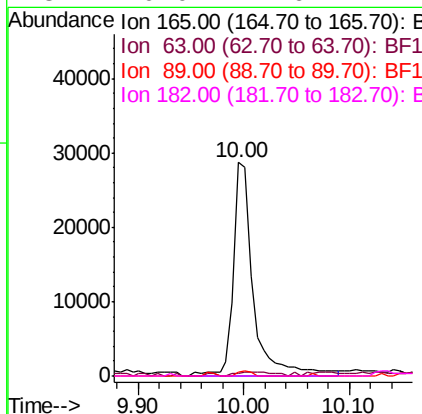
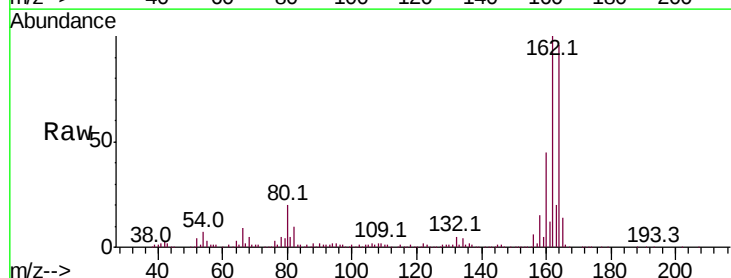
Instrument :
BNA_F
ClientSampled :

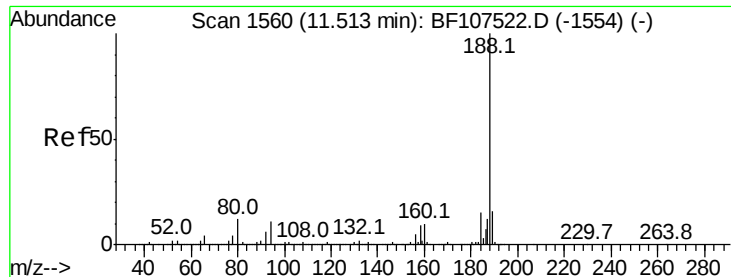
Tot Ion:139 Resp: 7869
Ion Ratio Lower Upper
139 100
109 59.7 48.4 88.4
65 16.3 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 7.669 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.22 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

Tgt Ion:165 Resp: 37654
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107739.D

Acq: 27 Jul 2018 10:23

Instrument :

BNA_F

ClientSampleId :

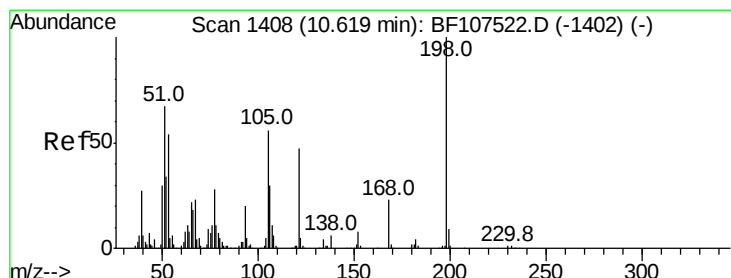
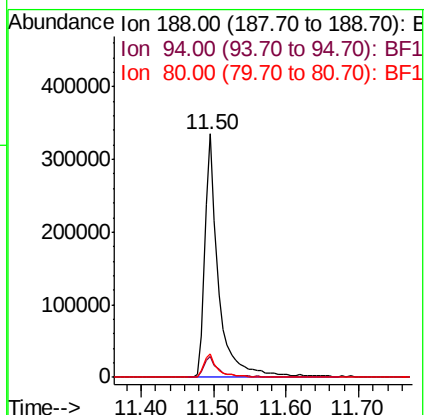
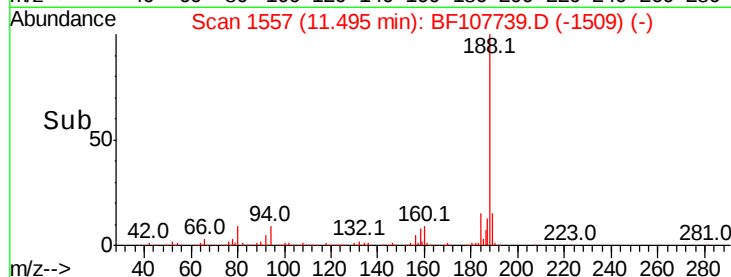
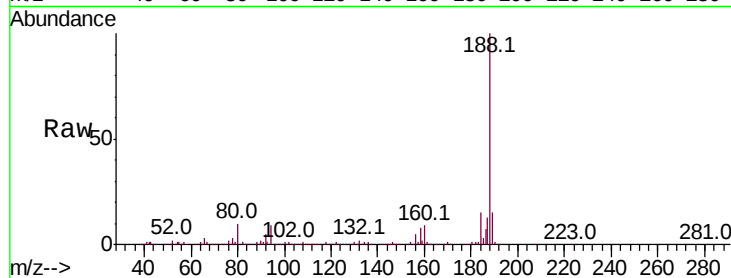
Tot Ion:188 Resp: 443509

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

80 9.6 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 8.870 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF107739.D

Acq: 27 Jul 2018 10:23

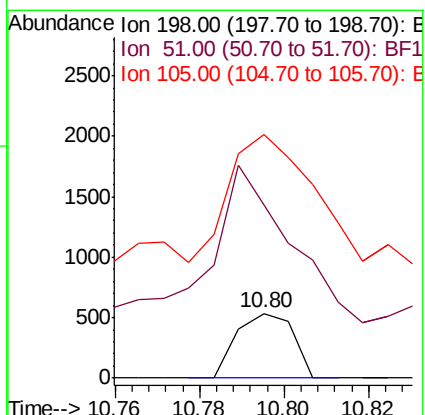
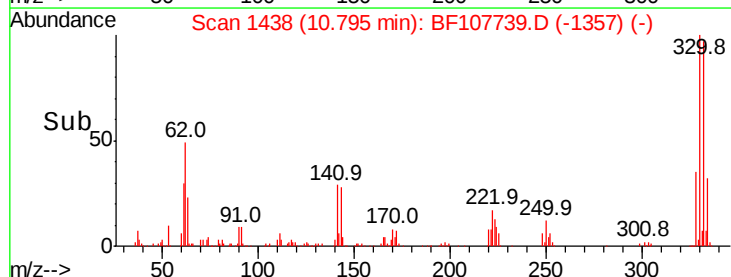
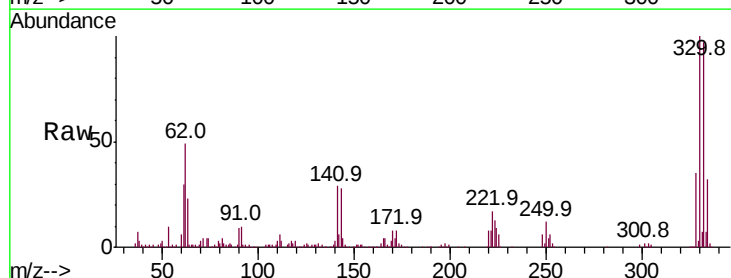
Tgt Ion:198 Resp: 494

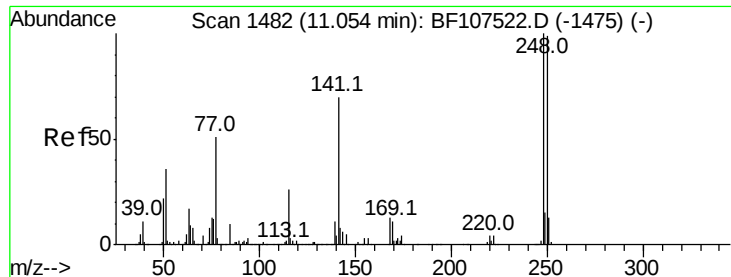
Ion Ratio Lower Upper

198 100

51 267.9 37.7 77.7#

105 377.7 36.3 76.3#

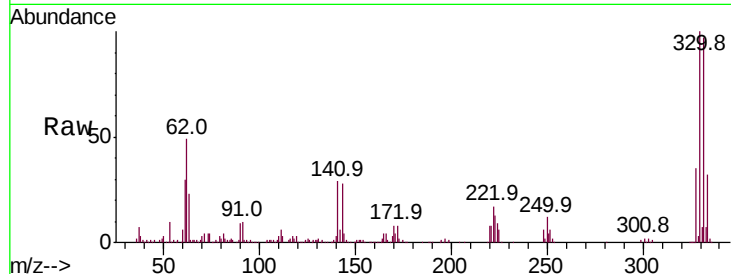




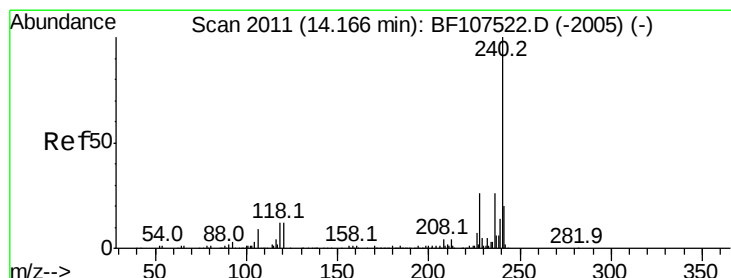
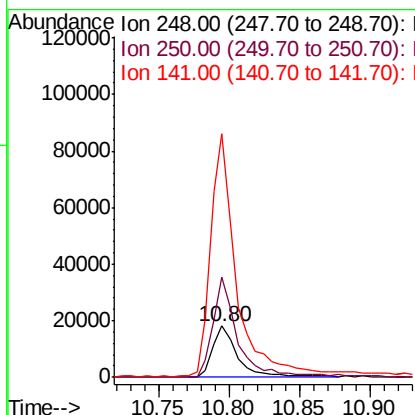
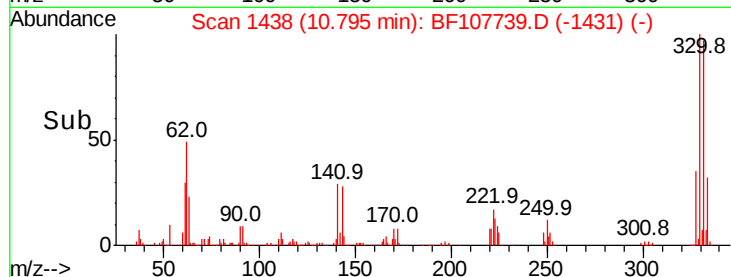
#66
4-Bromophenyl-phenylether
Concen: 4.405 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 22997
Ion Ratio Lower Upper
248 100
250 197.5 76.9 115.3#
141 477.3 74.4 111.6#

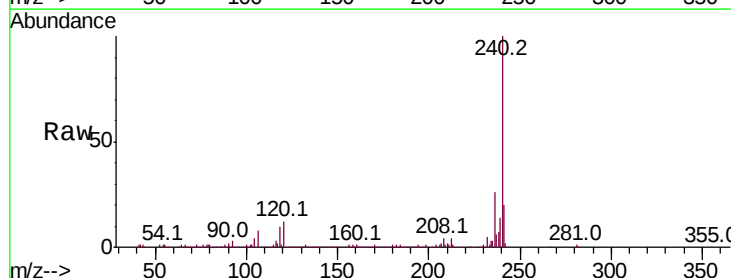


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

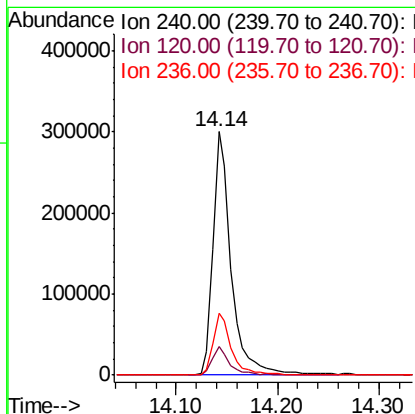
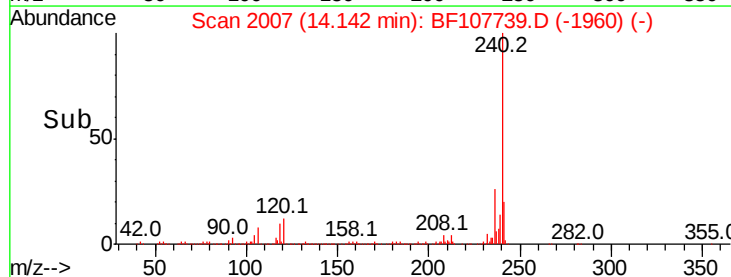


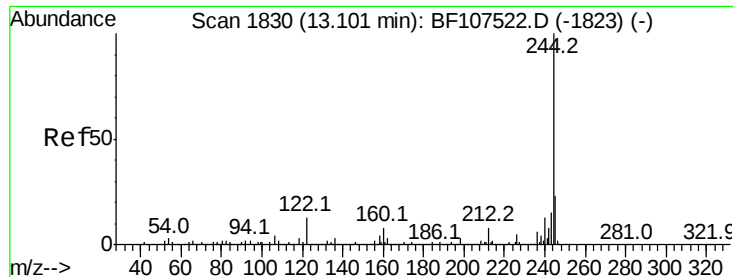
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107739.D
Acq: 27 Jul 2018 10:23

Tgt Ion:240 Resp: 376475
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 25.6 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: 87.837 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107739.D

Acq: 27 Jul 2018 10:23

Instrument :

BNA_F

ClientSampleId :

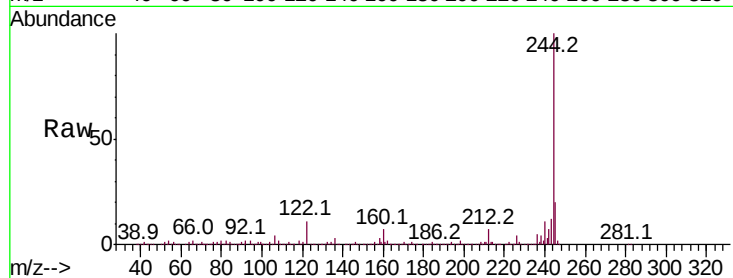
Tot Ion:244 Resp: 1291687

Ion Ratio Lower Upper

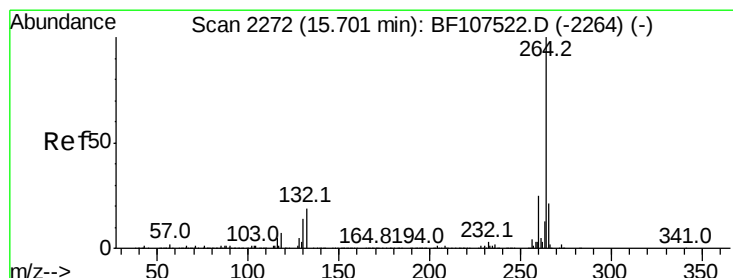
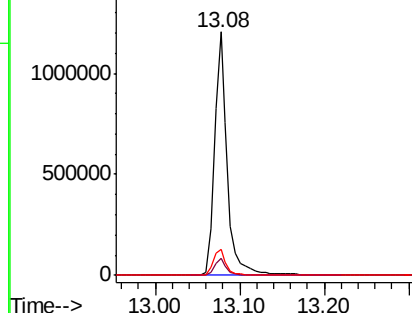
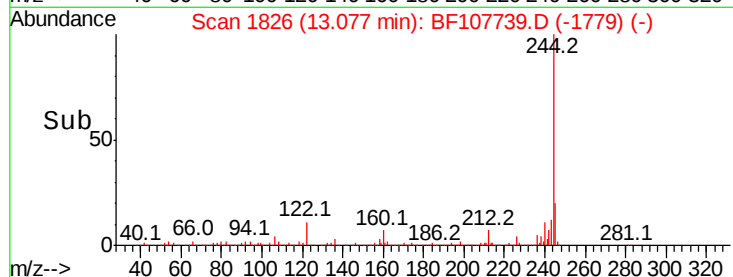
244 100

212 7.1 5.4 8.0

122 10.9 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

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF107739.D

Acq: 27 Jul 2018 10:23

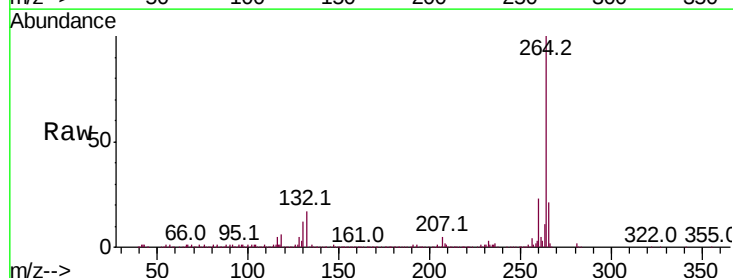
Tgt Ion:264 Resp: 396031

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.0 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

