

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107761.D
 Acq On : 27 Jul 2018 22:10
 Operator : JU/SJ
 Sample : J4112-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-08-09-0-11

Quant Time: Jul 28 01:18:58 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	6.96	152	159895	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	646127	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	254855	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	446313	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	416631	20.00	ng	-0.02
86) Perylene-d12	15.68	264	370057	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1032422	103.81	ng	-0.01
7) Phenol-d6	6.60	99	1307098	109.46	ng	-0.02
23) Nitrobenzene-d5	7.52	82	791611	82.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	319369	110.20	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1476969	106.13	ng	-0.02
78) Terphenyl-d14	13.08	244	1204597	74.02	ng	-0.02

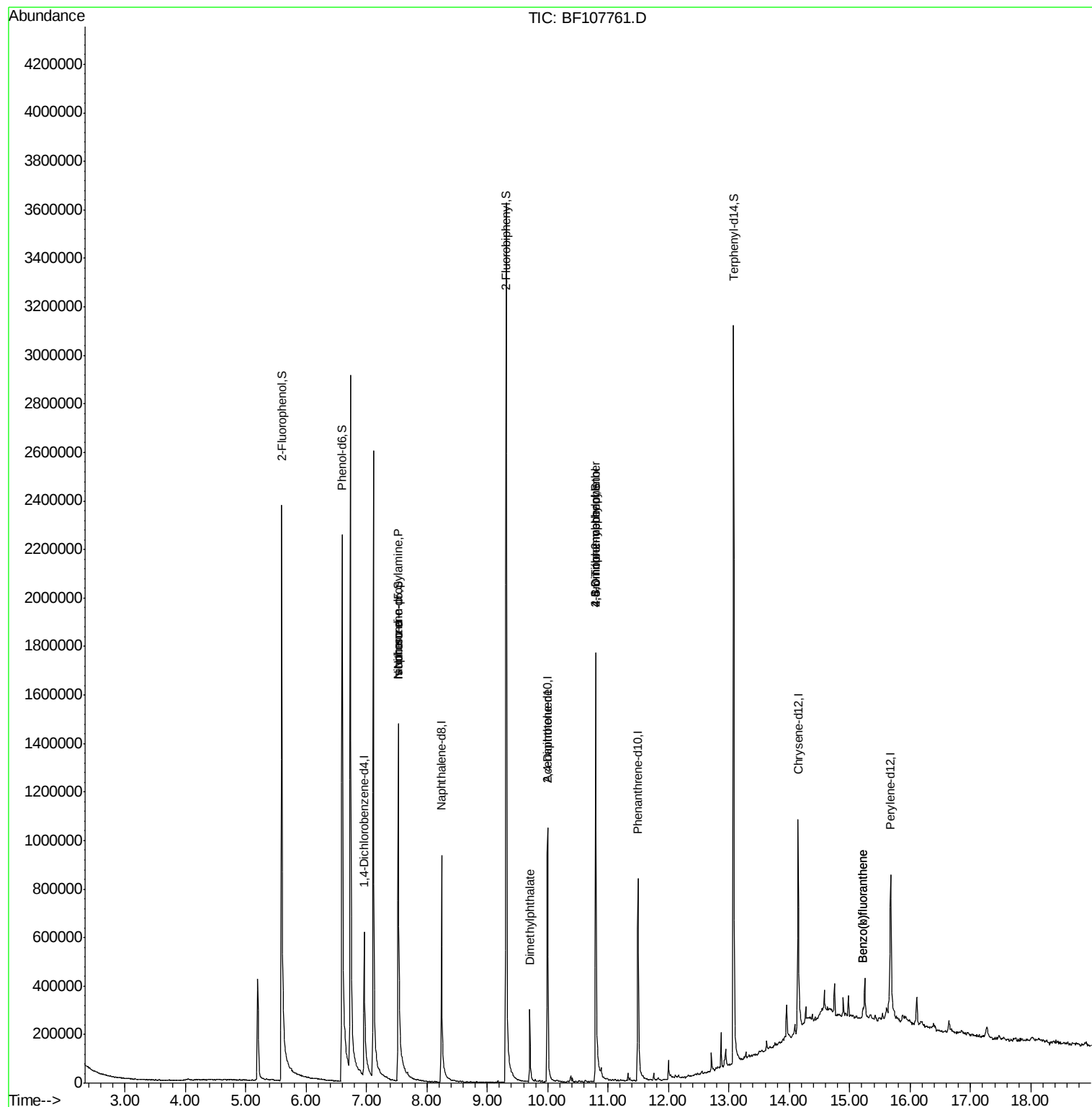
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	1434	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.52	70	97265	12.609	ng	82
25) Isophorone	7.52	82	791611	38.724	ng	64
49) Dimethylphthalate	9.71	163	148534	7.733	ng	99
56) 2,4-Dinitrotoluene	10.00	165	32051	6.963	ng	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	480	8.863	ng	1
66) 4-Bromophenyl-phenylether	10.80	248	18377	3.498	ng	1
73) Di-n-butylphthalate	12.04	149	5824	Below Cal	#	93
81) 3,3'-Dichlorobenzidine	14.09	252	783	Below Cal	#	1
87) Benzo(b)fluoranthene	15.22	252	42720	2.109	ng	92
88) Benzo(k)fluoranthene	15.22	252	42720	2.153	ng	92

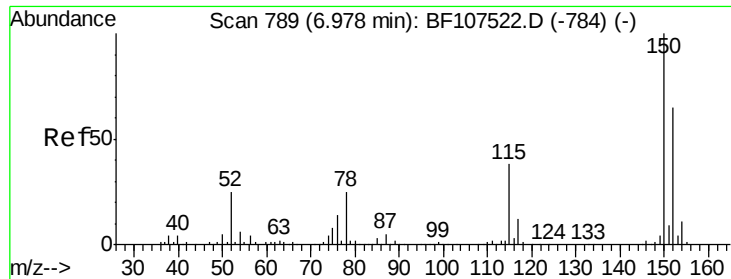
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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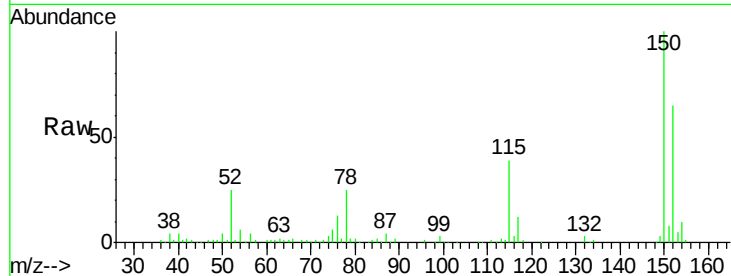


#1

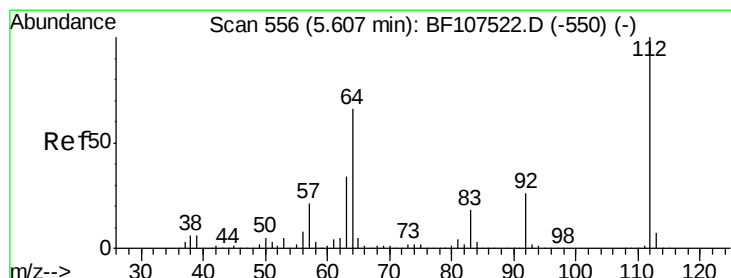
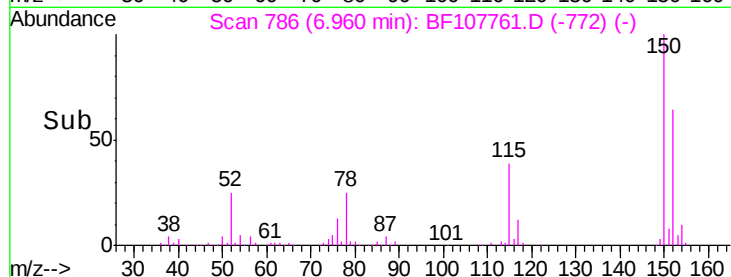
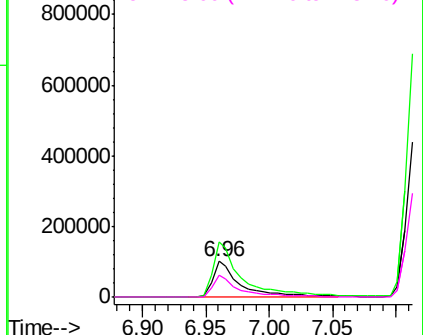
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107761.D
Acq: 27 Jul 2018 22:10

Instrument :
BNA_F
ClientSampleId :
CON-SB-08-09-0-11

Tgt Ion:152 Resp: 159895
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.5 50.1 75.1



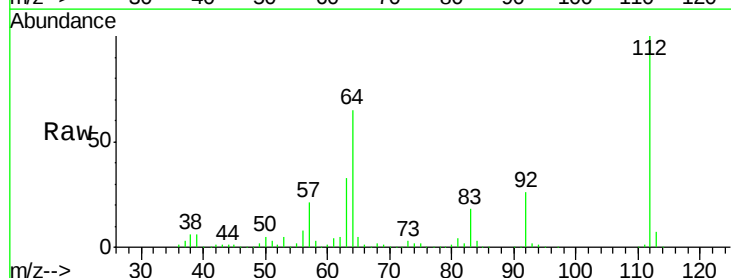
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



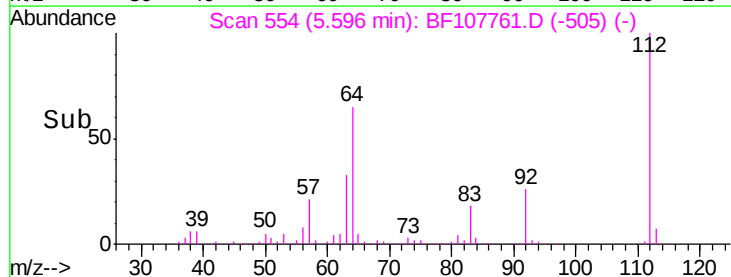
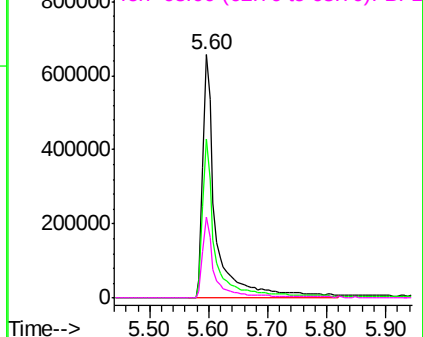
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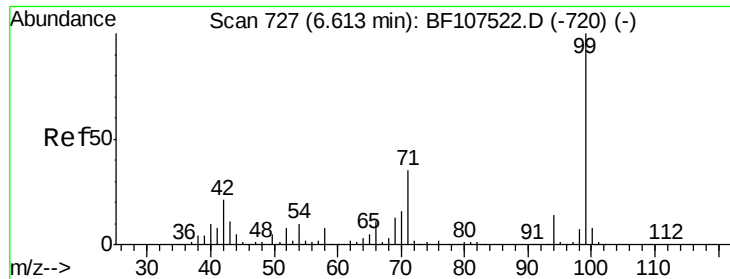
2-Fluorophenol
Concen: 103.814 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107761.D
Acq: 27 Jul 2018 22:10

Tgt Ion:112 Resp: 1032422
Ion Ratio Lower Upper
112 100
64 65.4 47.9 71.9
63 33.4 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: 109.461 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107761.D

Acq: 27 Jul 2018 22:10

Instrument :

BNA_F

ClientSampleId :

CON-SB-08-09-0-11

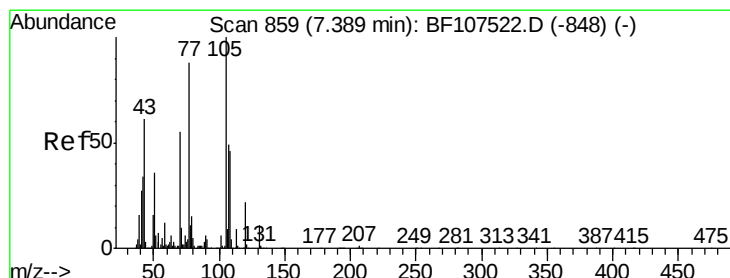
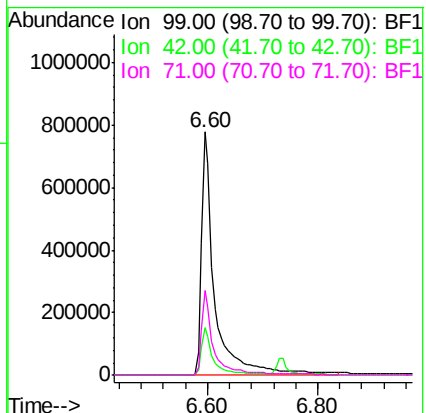
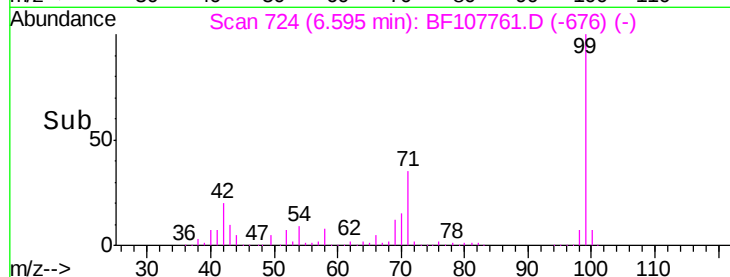
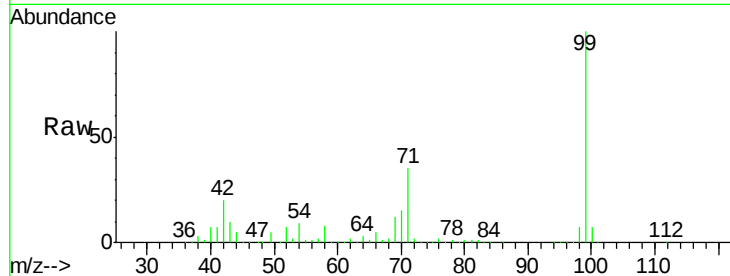
Tgt Ion: 99 Resp: 1307098

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 35.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.609 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF107761.D

Acq: 27 Jul 2018 22:10

Tgt Ion: 70 Resp: 97265

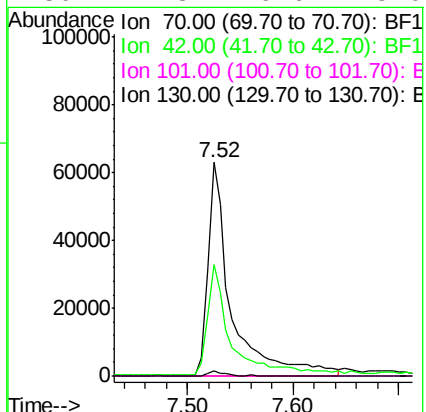
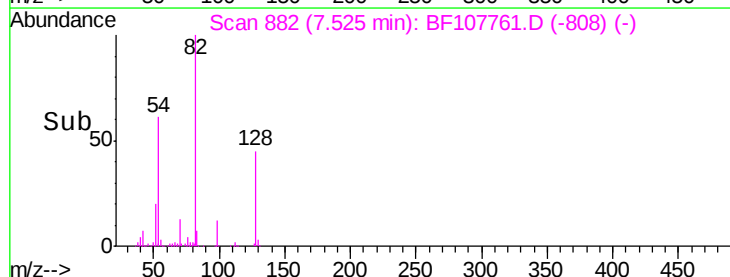
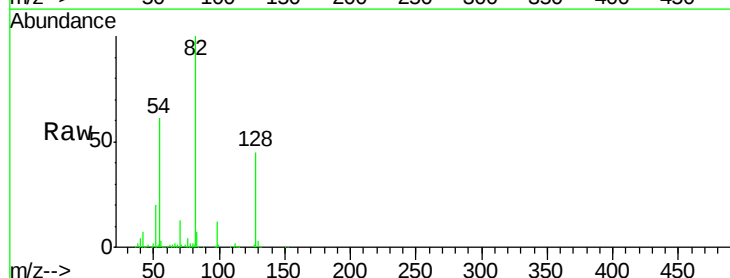
Ion Ratio Lower Upper

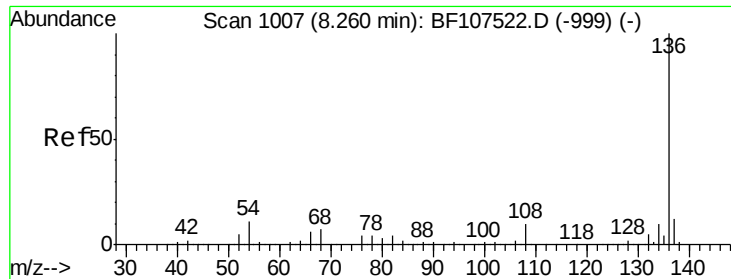
70 100

42 51.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

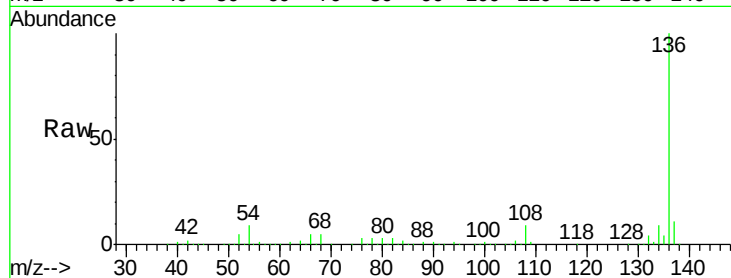




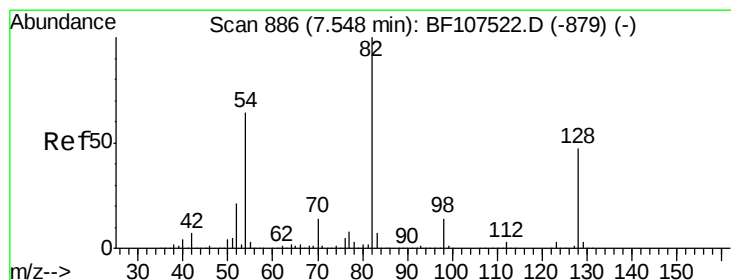
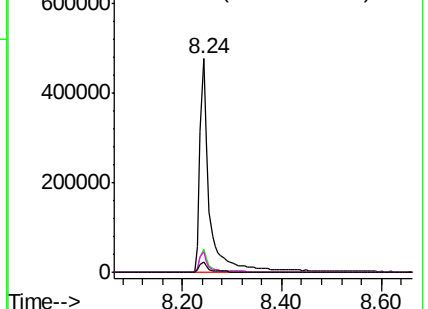
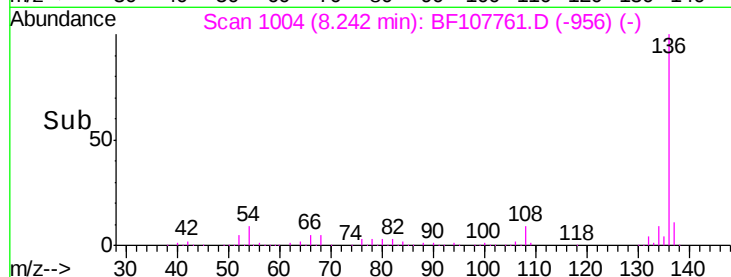
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107761.D
Acq: 27 Jul 2018 22:10

Instrument :
BNA_F
ClientSampleId :
CON-SB-08-09-0-11

Tgt Ion:	136	Resp:	646127
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	6.6	9.8
68	4.9	5.0	7.4#

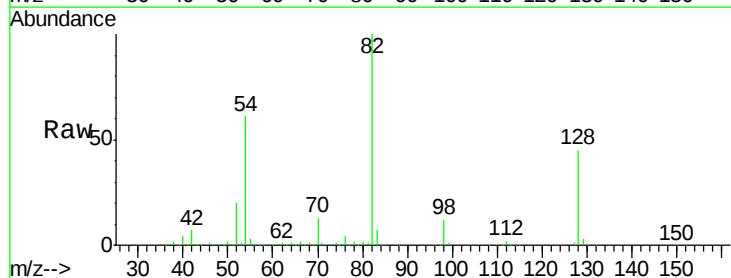


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

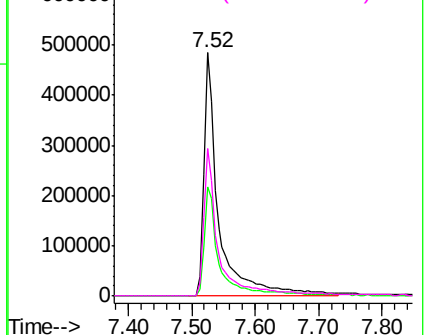
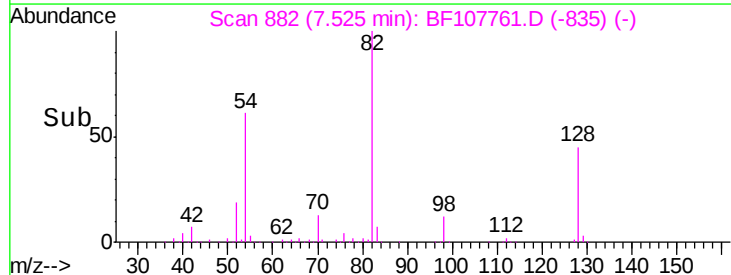


#23
Nitrobenzene-d5
Concen: 82.683 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107761.D
Acq: 27 Jul 2018 22:10

Tgt Ion:	82	Resp:	791611
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	60.7	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: 38.724 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.27 min

Lab File: BF107761.D

Acq: 27 Jul 2018 22:10

Instrument :

BNA_F

ClientSampleId :

CON-SB-08-09-0-11

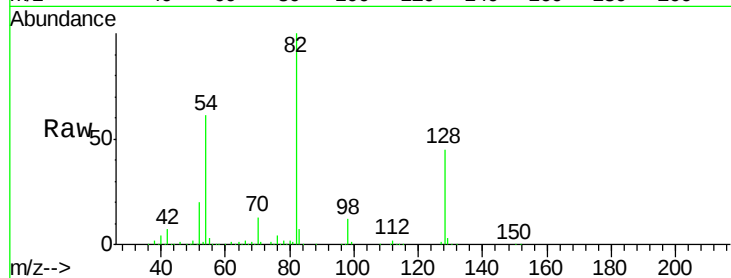
Tgt Ion: 82 Resp: 791611

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

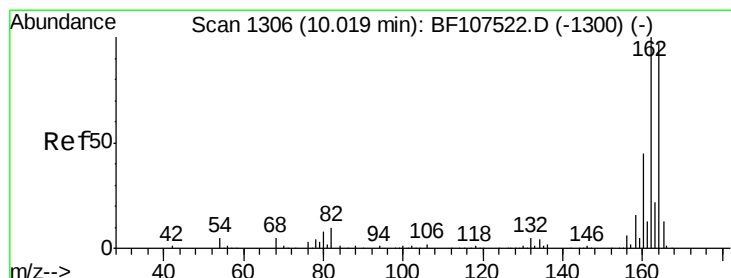
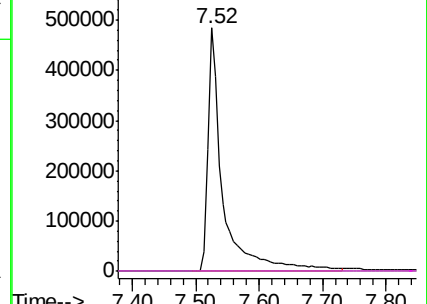
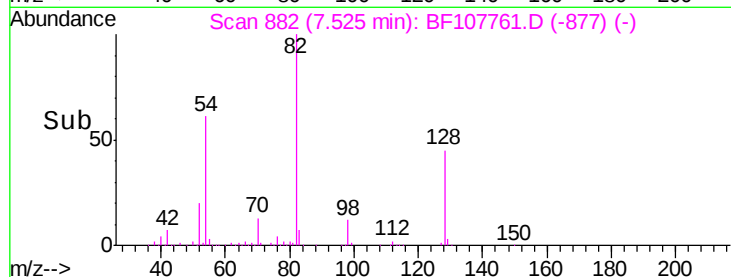
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF107761.D

Acq: 27 Jul 2018 22:10

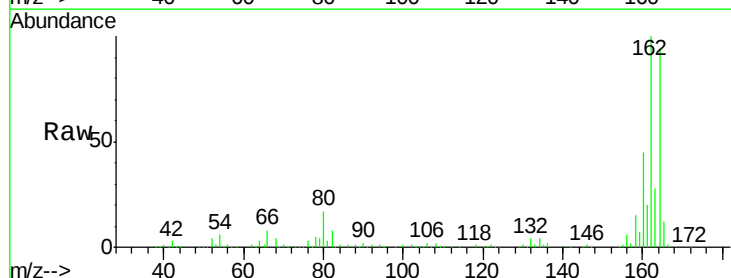
Tgt Ion: 164 Resp: 254855

Ion Ratio Lower Upper

164 100

162 106.0 86.1 129.1

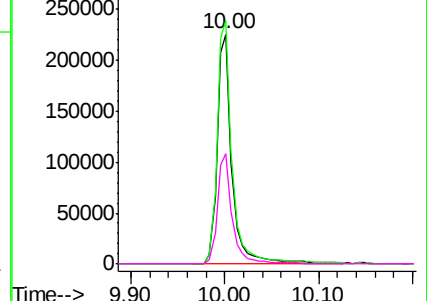
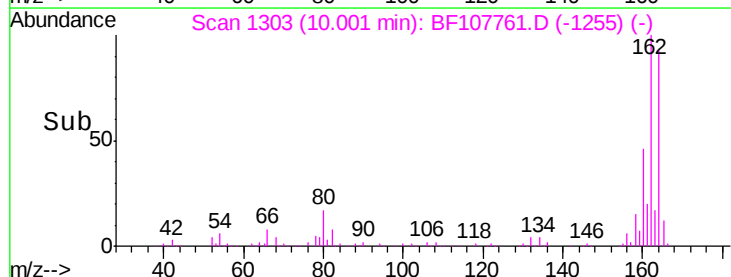
160 48.2 38.3 57.5

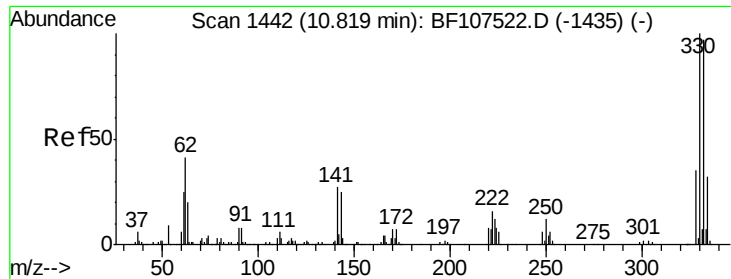


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

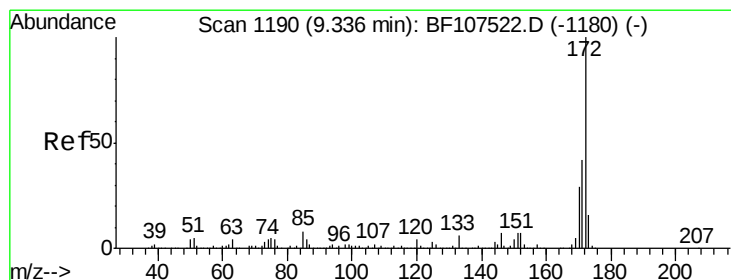
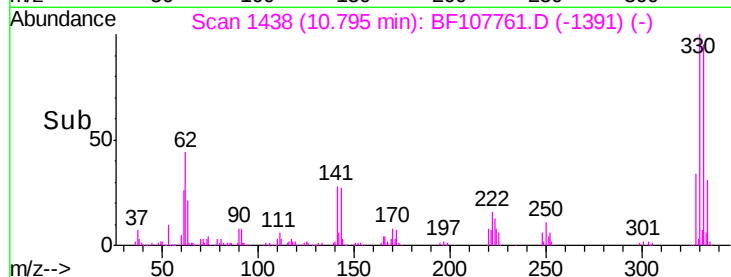
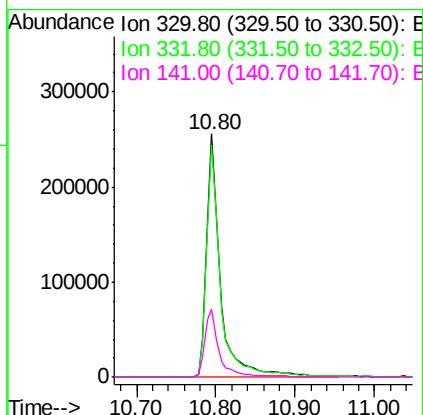
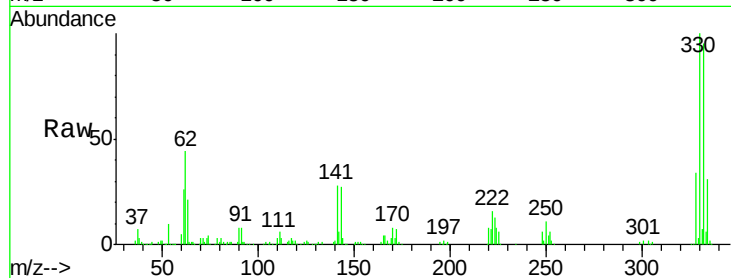




#41
 2,4,6-Tribromophenol
 Concen: 110.199 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107761.D
 Acq: 27 Jul 2018 22:10

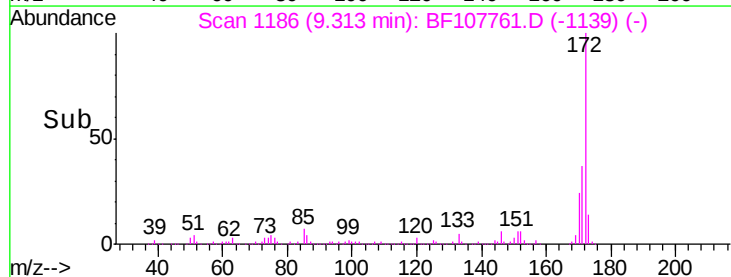
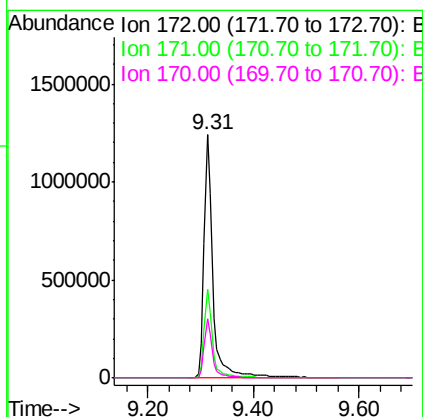
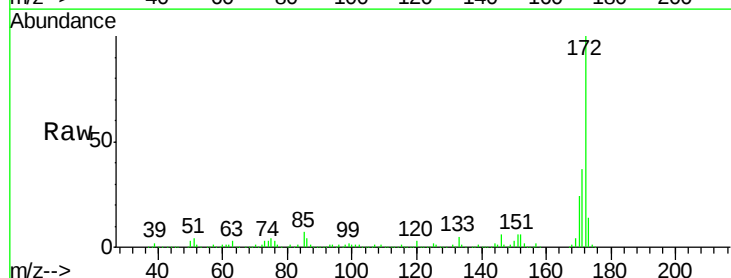
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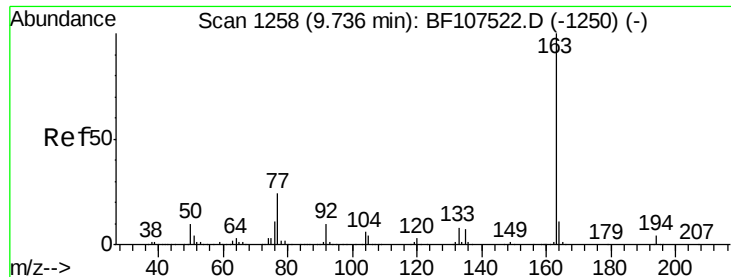
Tgt Ion:330 Resp: 319369
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 29.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 106.131 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107761.D
 Acq: 27 Jul 2018 22:10

Tgt Ion:172 Resp: 1476969
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.4 19.6 29.4

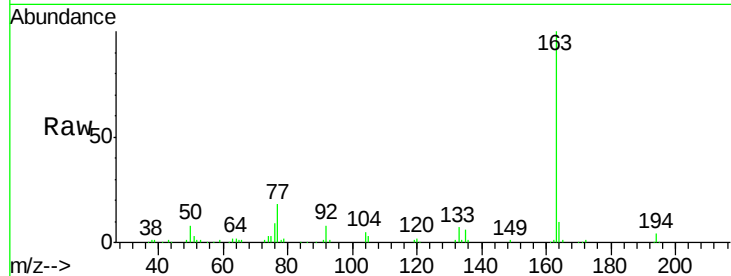




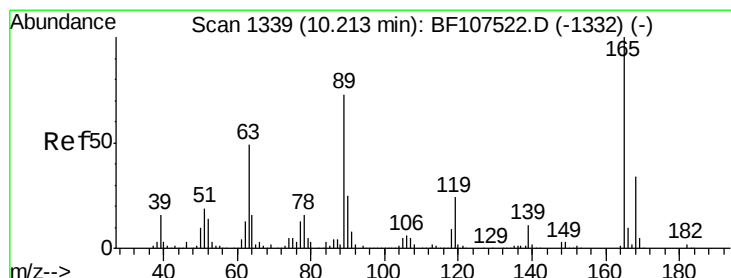
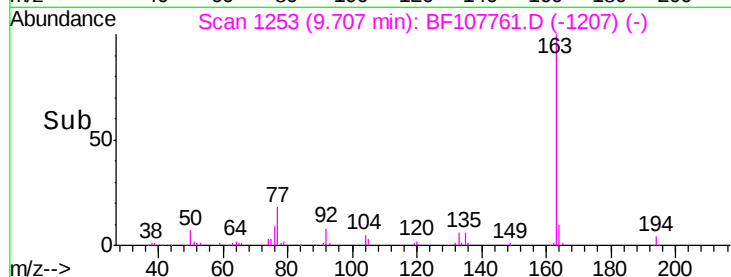
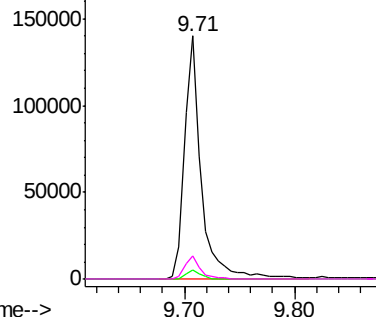
#49
Dimethylphthalate
Concen: 7.733 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107761.D
Acq: 27 Jul 2018 22:10

Instrument :
BNA_F
ClientSampleId :
CON-SB-08-09-0-11

Tgt Ion:163 Resp: 148534
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 8.2 12.2

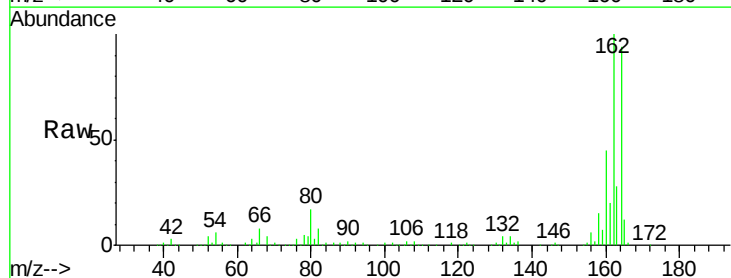


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

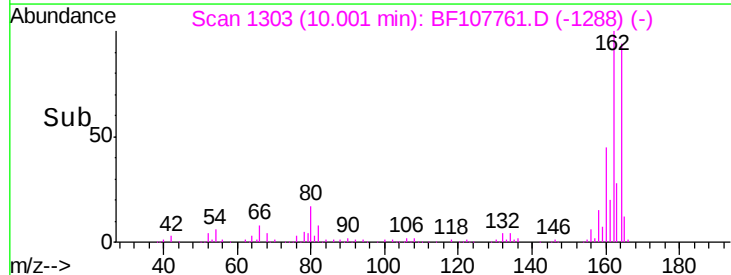
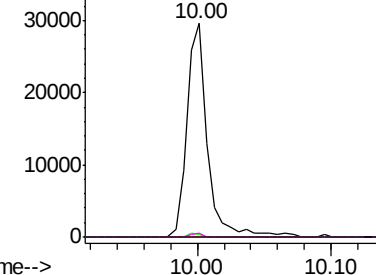


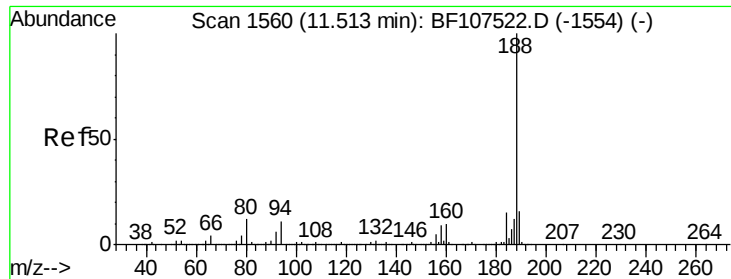
#56
2,4-Dinitrotoluene
Concen: 6.963 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107761.D
Acq: 27 Jul 2018 22:10

Tgt Ion:165 Resp: 32051
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.5 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

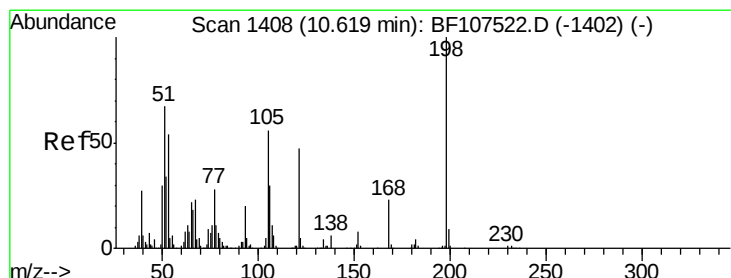
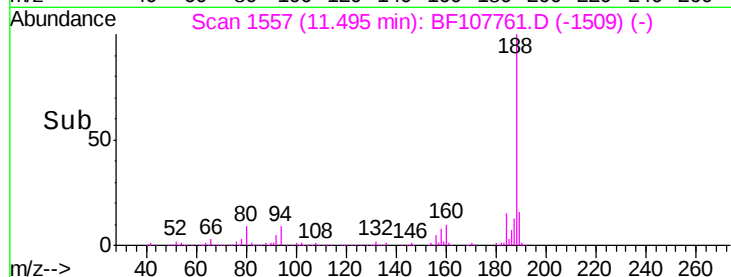
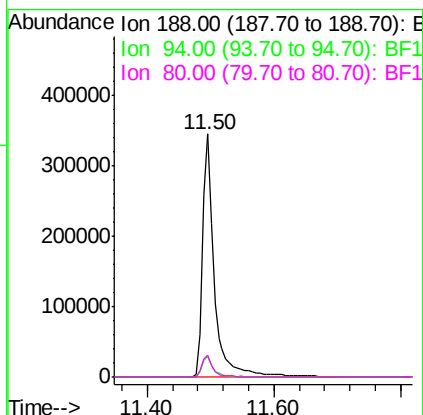
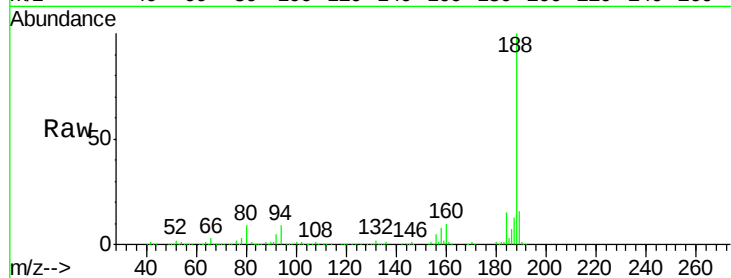




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107761.D
Acq: 27 Jul 2018 22:10

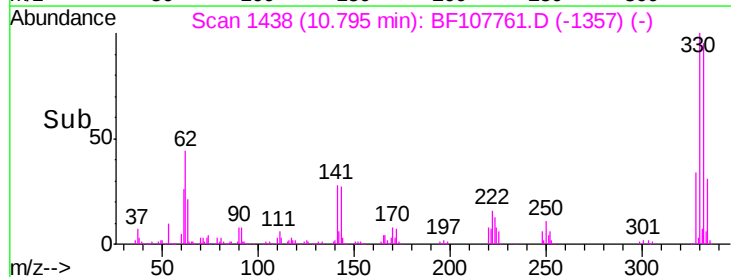
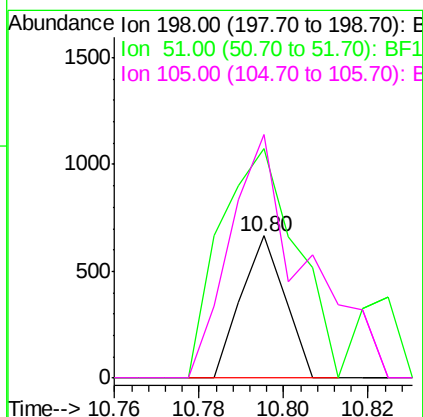
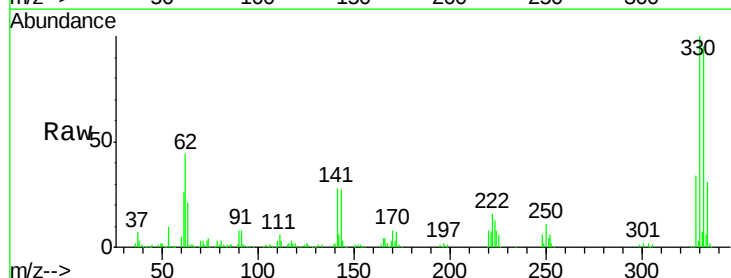
Instrument :
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ClientSampleId :
CON-SB-08-09-0-11

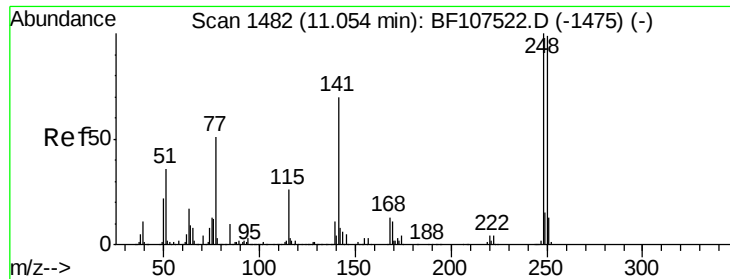
Tgt Ion:188 Resp: 446313
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.863 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF107761.D
Acq: 27 Jul 2018 22:10

Tgt Ion:198 Resp: 480
Ion Ratio Lower Upper
198 100
51 161.5 37.7 77.7#
105 171.4 36.3 76.3#

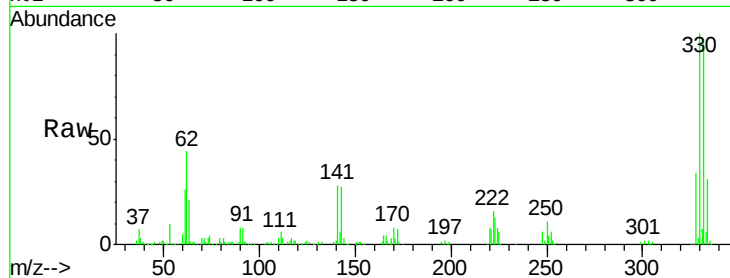




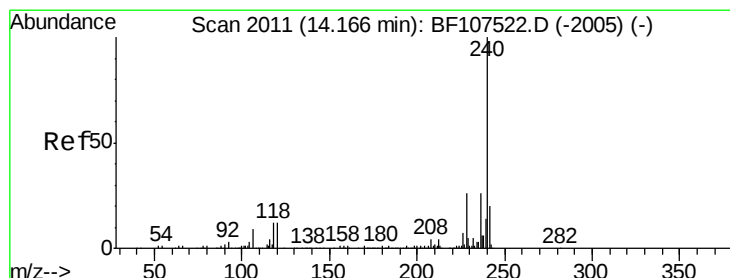
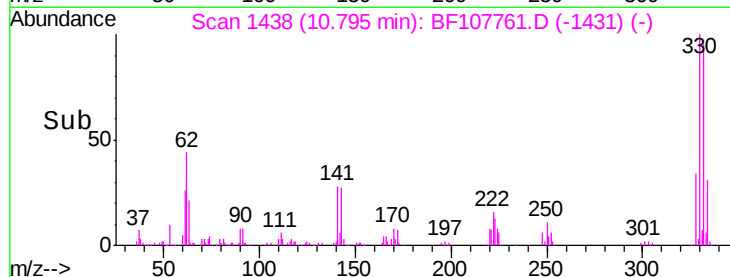
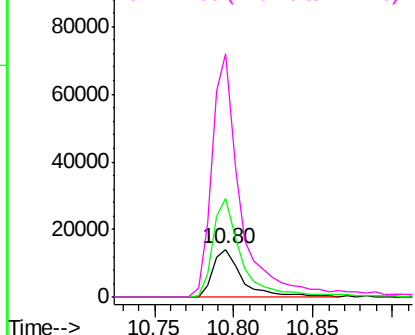
#66
4-Bromophenyl-phenylether
Concen: 3.498 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107761.D
Acq: 27 Jul 2018 22:10

Instrument :
BNA_F
ClientSampleId :
CON-SB-08-09-0-11

Tgt Ion:248 Resp: 18377
Ion Ratio Lower Upper
248 100
250 206.0 76.9 115.3#
141 504.3 74.4 111.6#

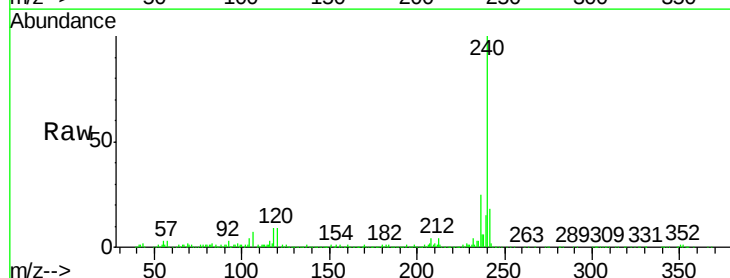


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

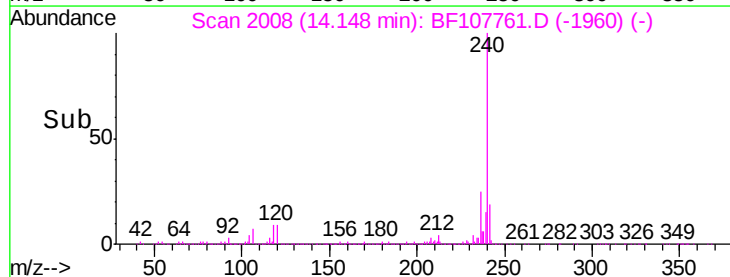
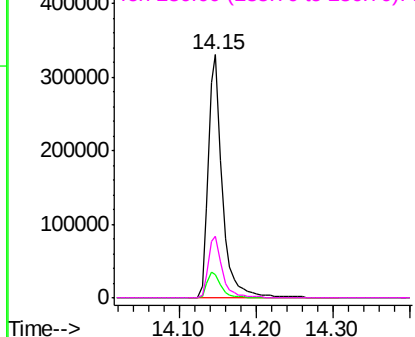


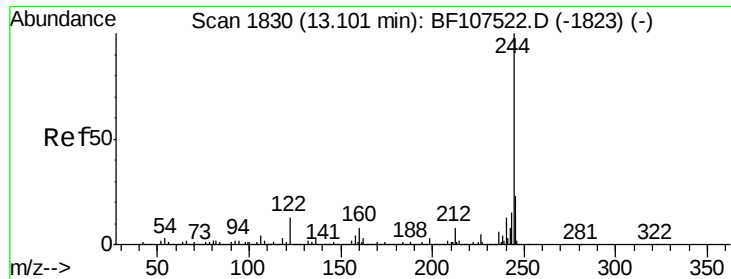
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107761.D
Acq: 27 Jul 2018 22:10

Tgt Ion:240 Resp: 416631
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3#
236 25.2 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

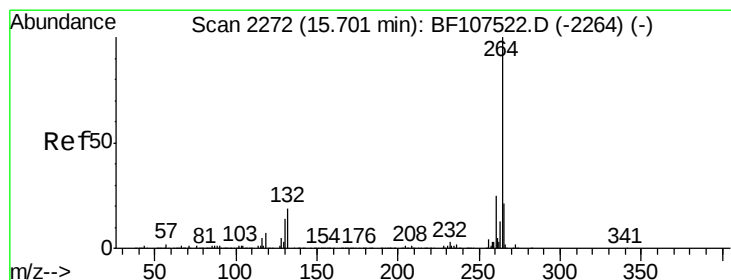
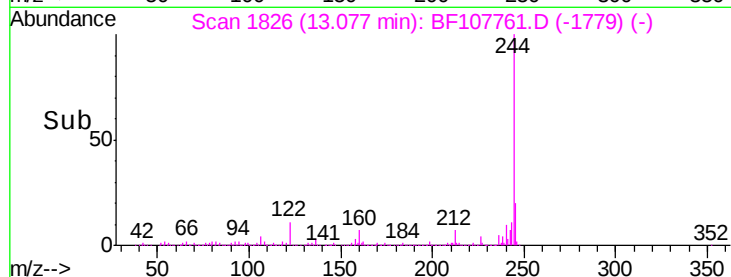
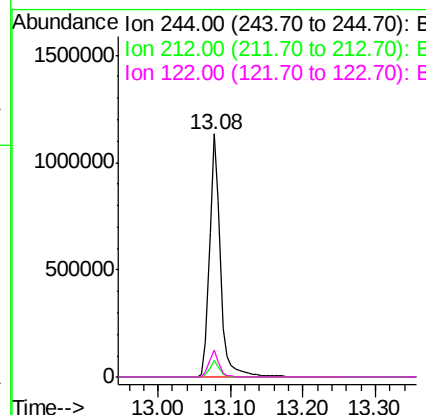
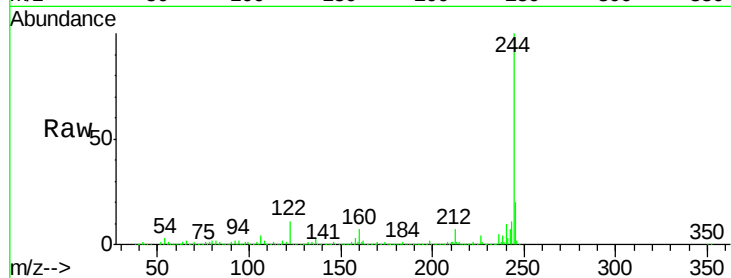




#78
 Terphenyl-d14
 Concen: 74.019 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF107761.D
 Acq: 27 Jul 2018 22:10

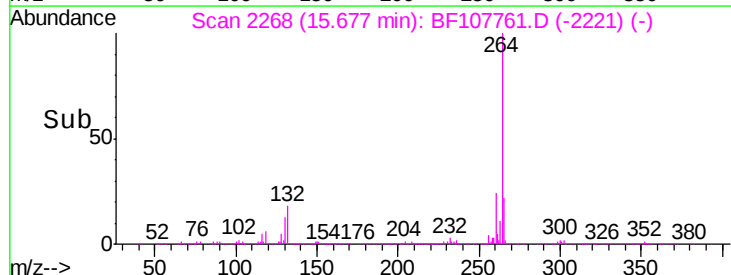
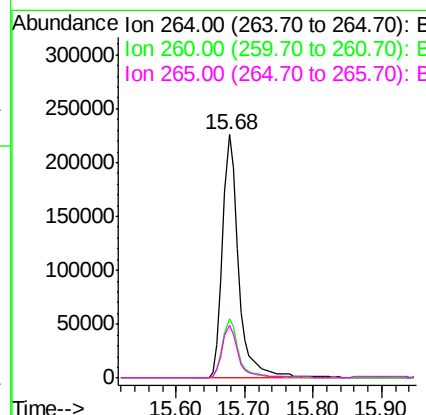
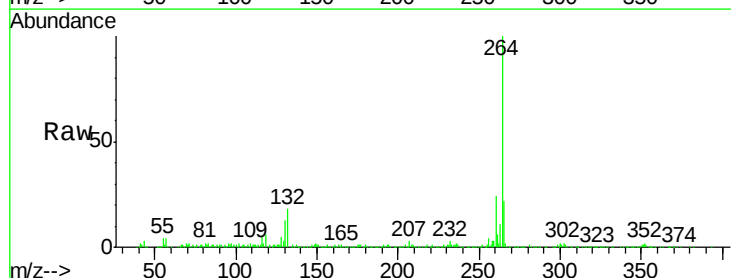
Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-08-09-0-11

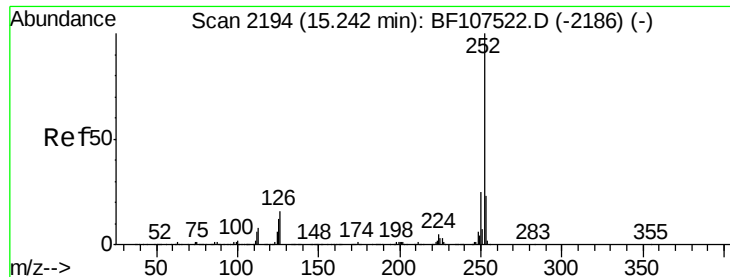
Tgt Ion:244 Resp: 1204597
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF107761.D
 Acq: 27 Jul 2018 22:10

Tgt Ion:264 Resp: 370057
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.8 17.5 26.3

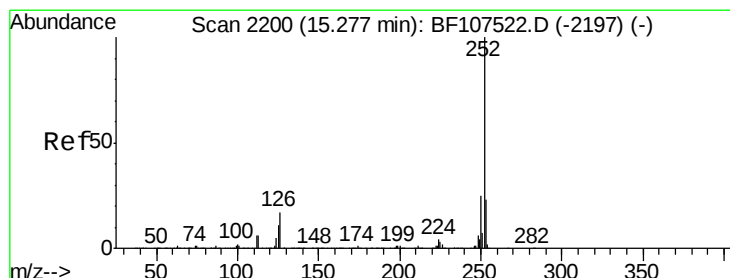
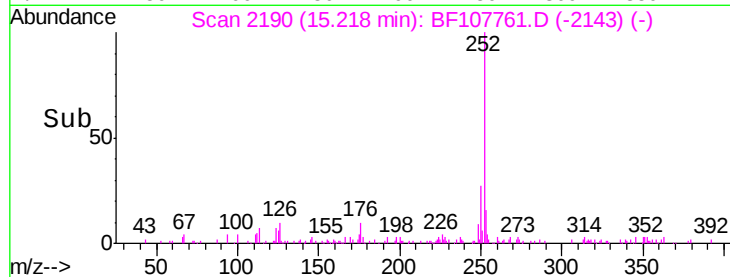
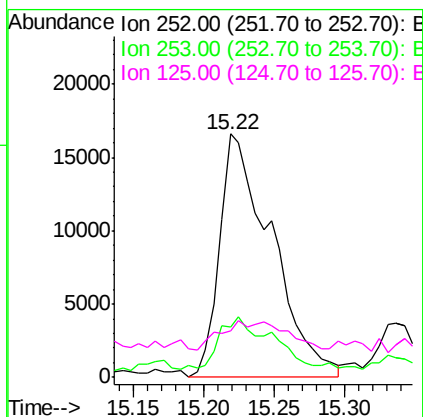
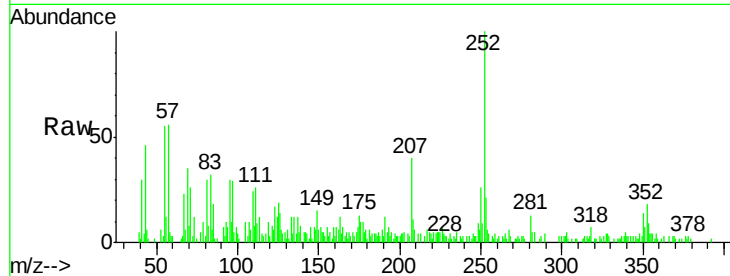




#87
Benzo(b)fluoranthene
Concen: 2.109 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107761.D
Acq: 27 Jul 2018 22:10

Instrument :
BNA_F
ClientSampleId :
CON-SB-08-09-0-11

Tgt Ion:252 Resp: 42720
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 19.2 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.153 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.06 min
Lab File: BF107761.D
Acq: 27 Jul 2018 22:10

Tgt Ion:252 Resp: 42720
Ion Ratio Lower Upper
252 100
253 20.8 17.9 26.9
125 19.2 10.2 15.2#

