

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107908.D
 Acq On : 2 Aug 2018 14:43
 Operator : JU/SJ
 Sample : PB111688BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BL

Quant Time: Aug 02 15:41:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	156143	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	696714	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	327265	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	718724	20.00	ng	0.00
75) Chrysene-d12	14.14	240	580673	20.00	ng	-0.01
86) Perylene-d12	15.68	264	422338	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1230077	133.89	ng	0.02
7) Phenol-d6	6.61	99	1457294	120.35	ng	0.00
23) Nitrobenzene-d5	7.52	82	1010664	83.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	524718	118.00	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1983971	84.48	ng	-0.01
78) Terphenyl-d14	13.08	244	2123435	79.30	ng	0.00

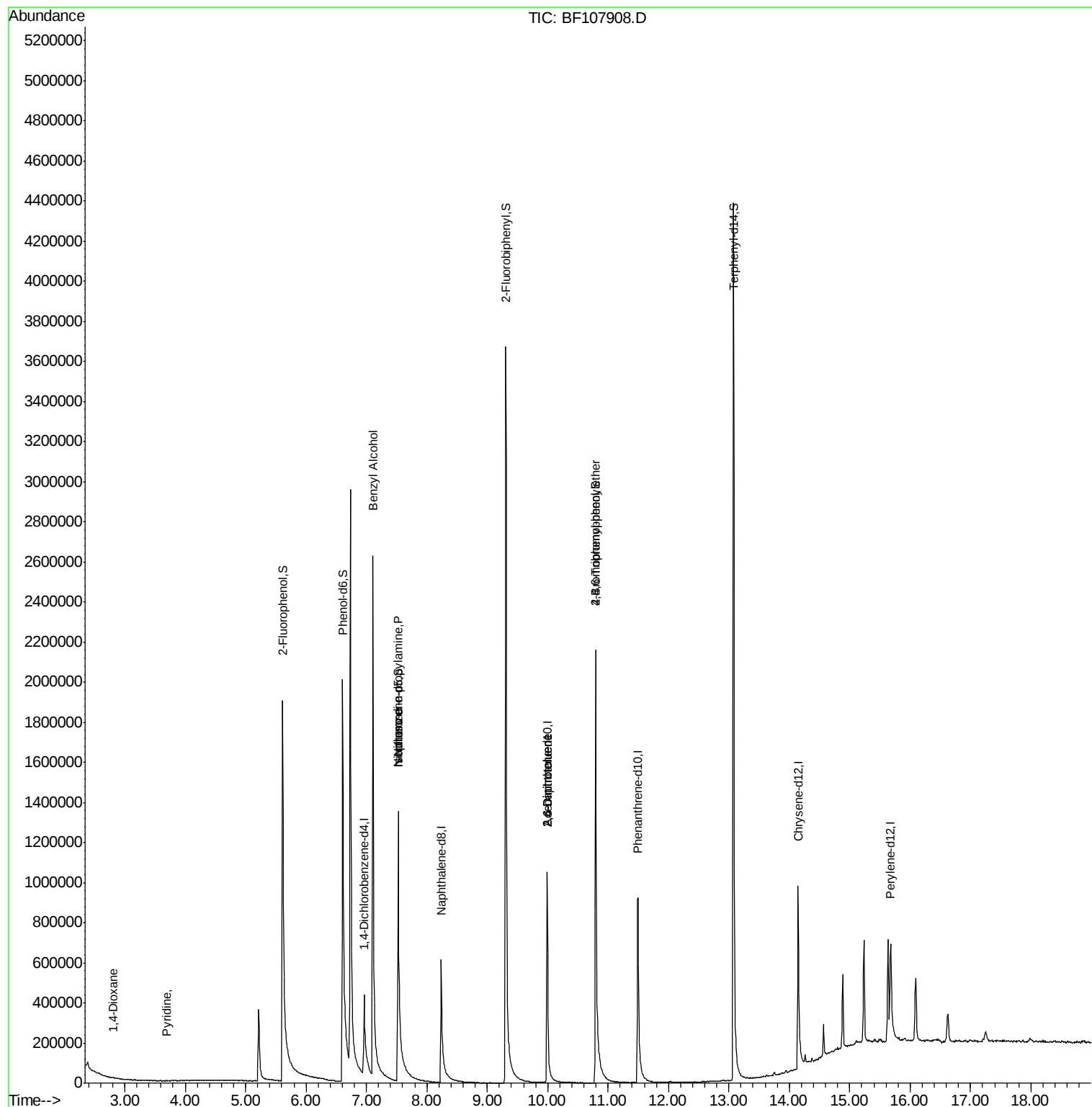
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	672	5.931	ng	# 72
3) Pyridine	3.69	79	109	6.263	ng	# 1
15) Benzyl Alcohol	7.11	79	15305	2.034	ng	# 46
19) n-Nitroso-di-n-propylamine	7.52	70	118511	15.429	ng	# 79
25) Isophorone	7.52	82	1024763	51.621	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	37901	7.096	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	39895	5.683	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	30342	3.622	ng	# 1

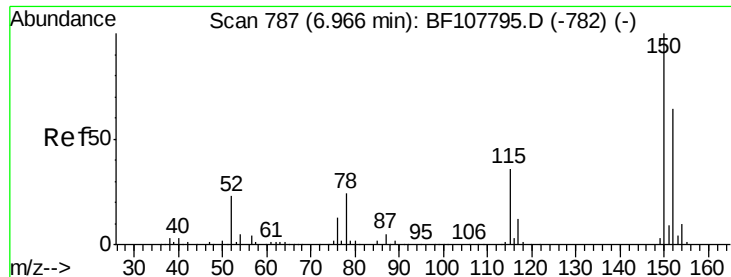
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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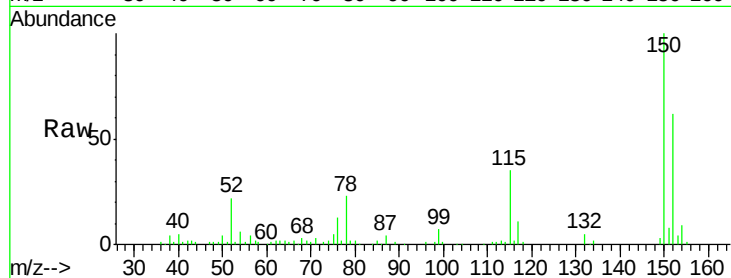


#1

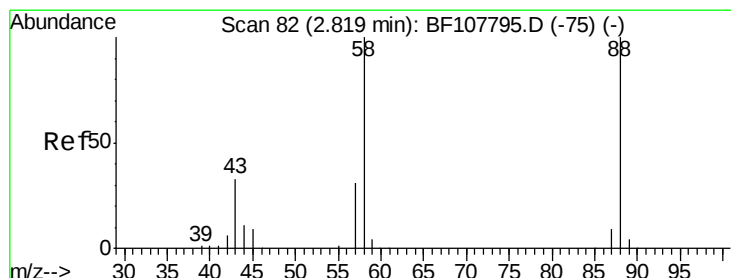
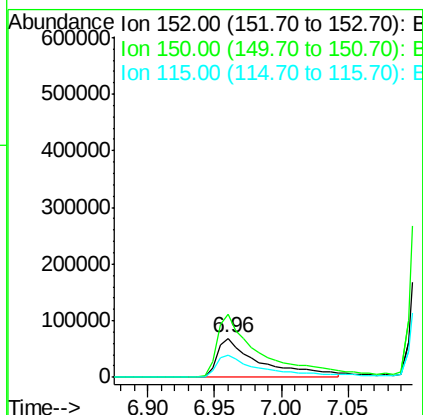
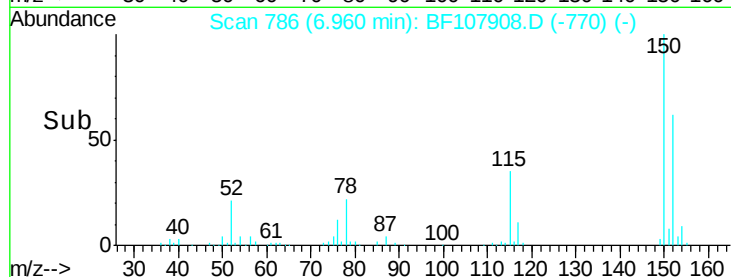
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107908.D
Acq: 2 Aug 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PB111688BL

Tgt Ion:152 Resp: 156143
Ion Ratio Lower Upper
152 100
150 162.3 124.6 186.8
115 57.4 50.1 75.1



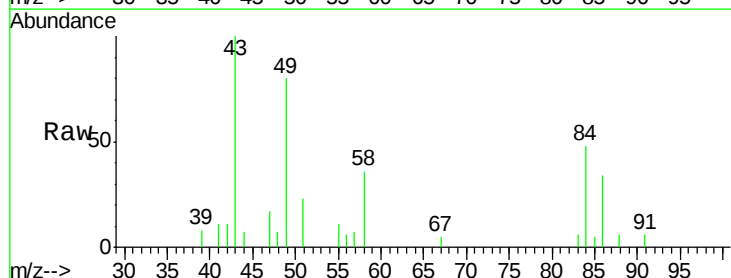
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



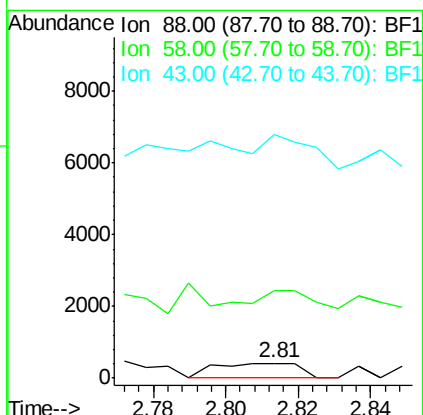
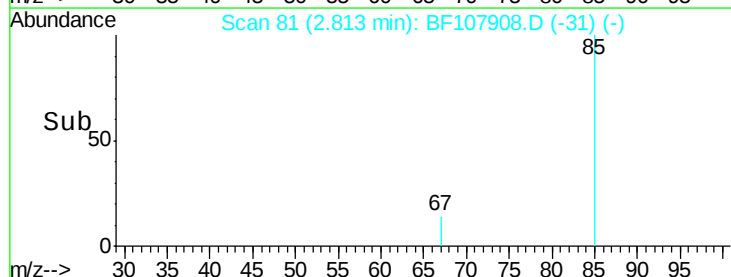
#2

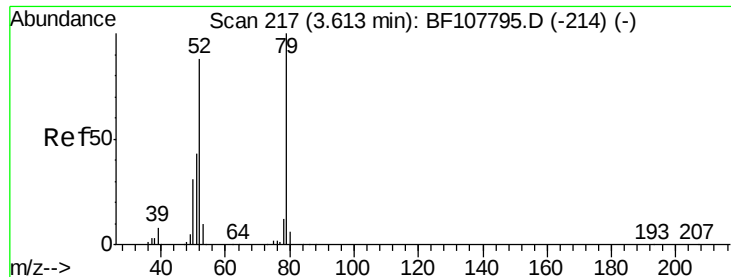
1,4-Dioxane
Concen: 5.931 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107908.D
Acq: 2 Aug 2018 14:43

Tgt Ion: 88 Resp: 672
Ion Ratio Lower Upper
88 100
58 63.1 62.6 93.8
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 6.263 ng

RT: 3.69 min Scan# 230

Delta R.T. 0.08 min

Lab File: BF107908.D

Acq: 2 Aug 2018 14:43

Instrument :

BNA_F

ClientSampleId :

PB111688BL

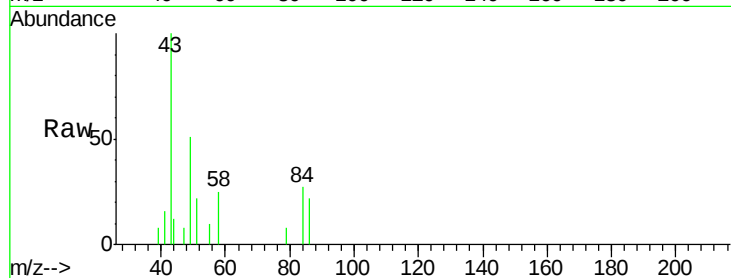
Tgt Ion: 79 Resp: 109

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

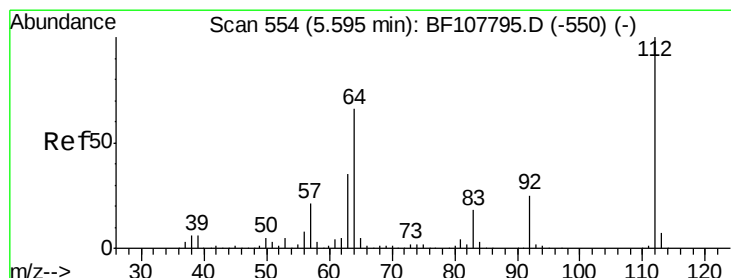
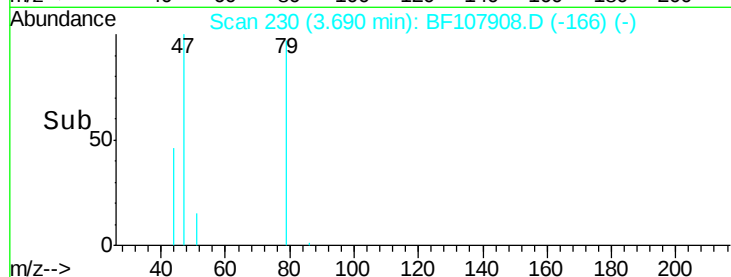
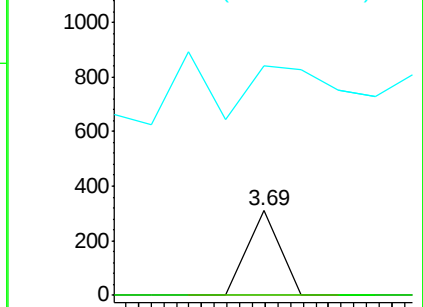
51 271.9 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#5

2-Fluorophenol

Concen: 133.888 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF107908.D

Acq: 2 Aug 2018 14:43

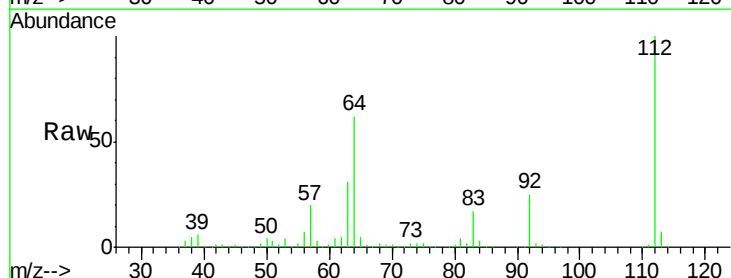
Tgt Ion: 112 Resp: 1230077

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

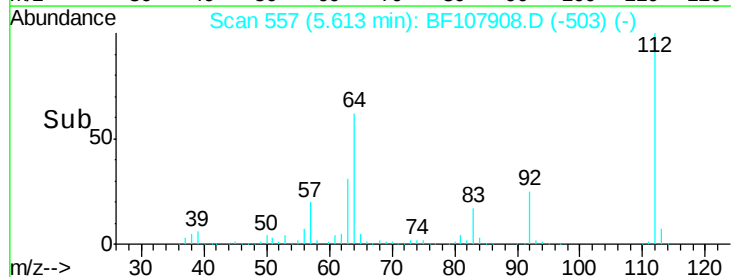
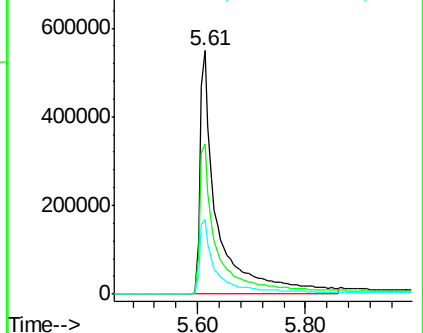
63 30.9 23.7 35.5

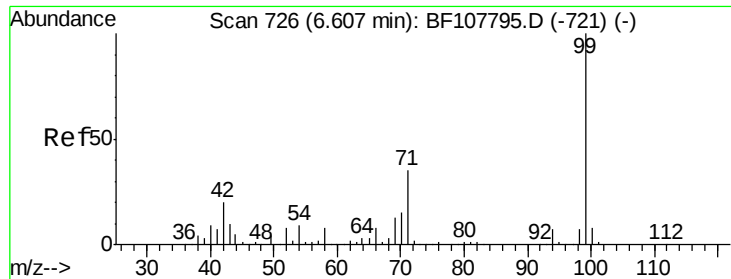


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 120.354 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107908.D

Acq: 2 Aug 2018 14:43

Instrument :

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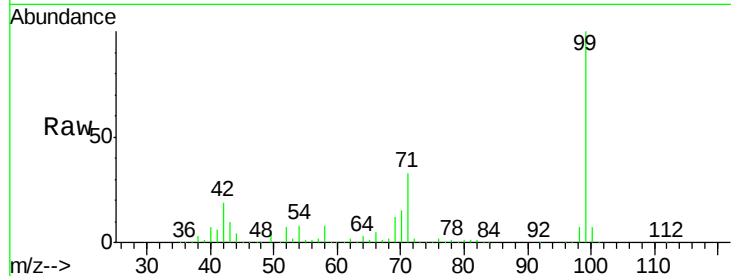
Tgt Ion: 99 Resp: 1457294

Ion Ratio Lower Upper

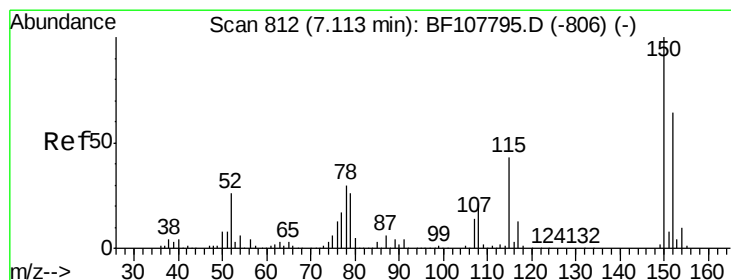
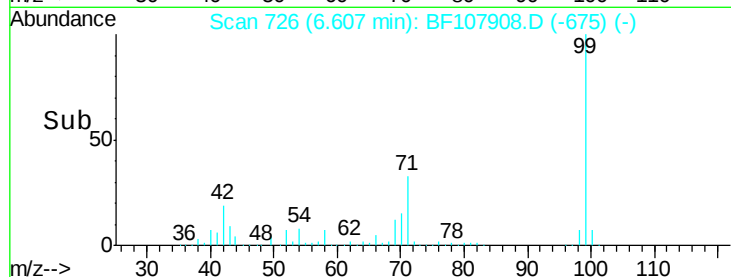
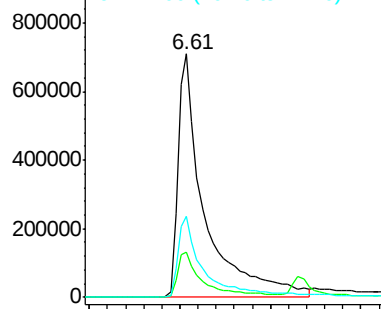
99 100

42 18.7 14.5 21.7

71 33.4 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: 2.034 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF107908.D

Acq: 2 Aug 2018 14:43

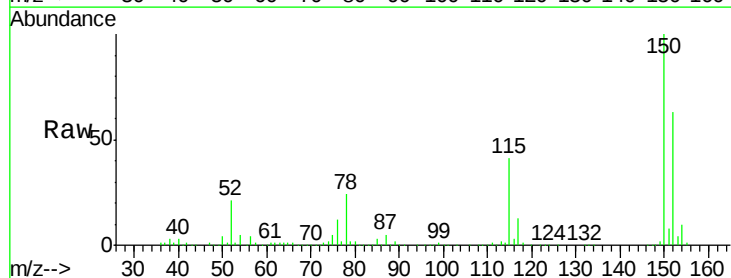
Tgt Ion: 79 Resp: 15305

Ion Ratio Lower Upper

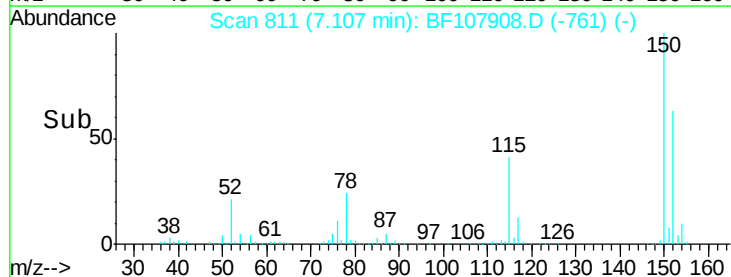
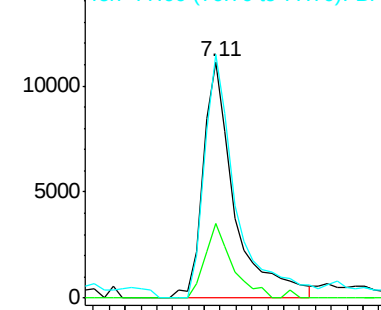
79 100

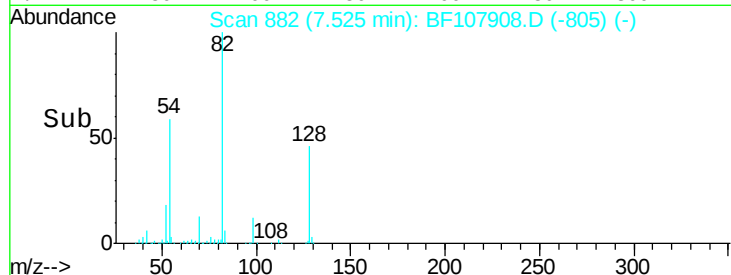
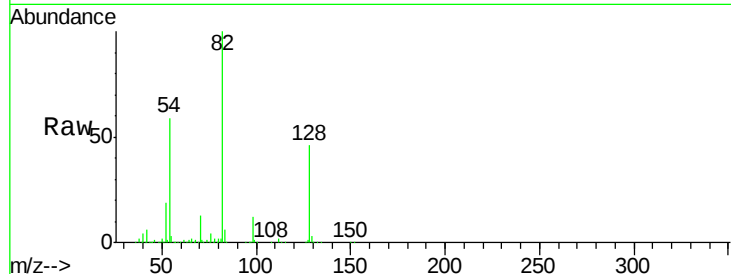
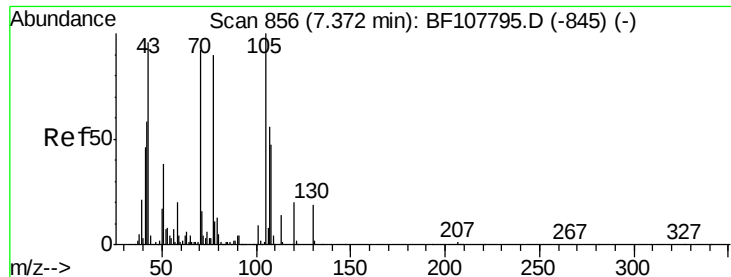
108 31.8 65.1 97.7#

77 103.0 50.6 75.8#



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

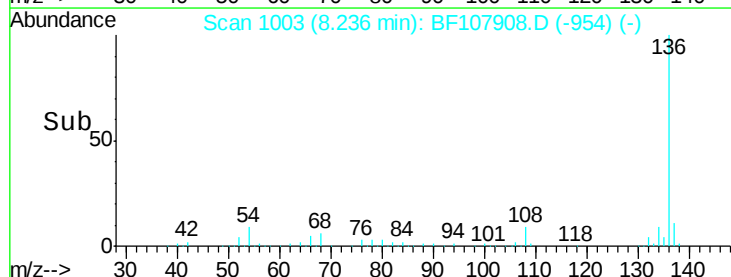
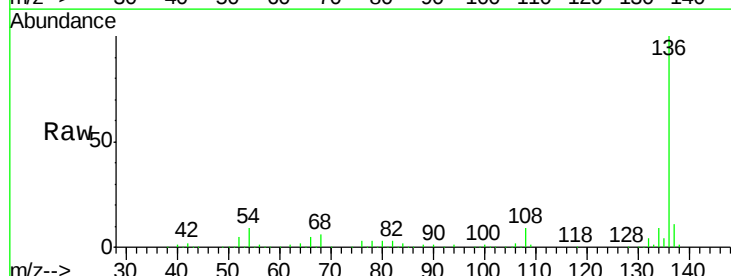
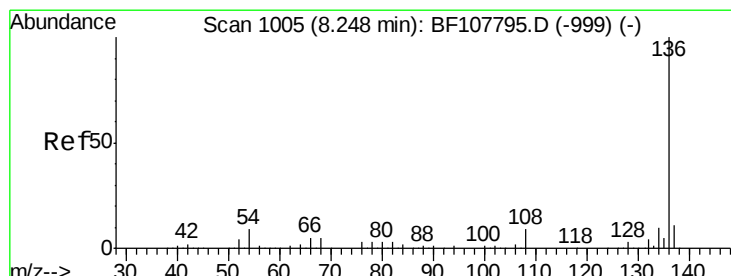
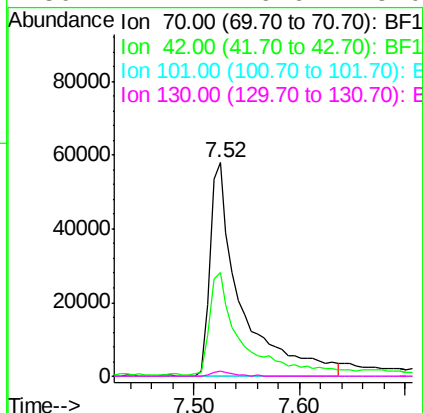




#19
n-Nitroso-di-n-propylamine
Concen: 15.429 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107908.D
Acq: 2 Aug 2018 14:43

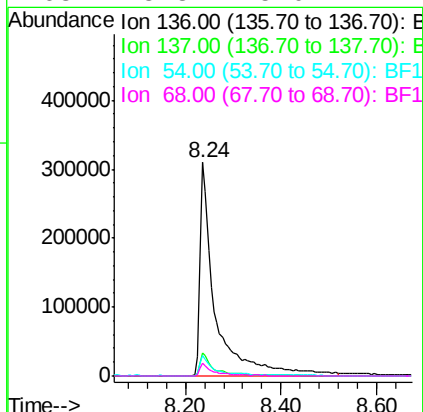
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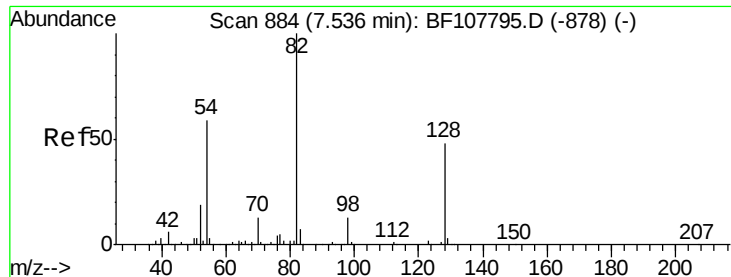
Tgt Ion: 70 Resp: 118511
Ion Ratio Lower Upper
70 100
42 48.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107908.D
Acq: 2 Aug 2018 14:43

Tgt Ion: 136 Resp: 696714
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.5 6.6 9.8
68 5.8 5.0 7.4

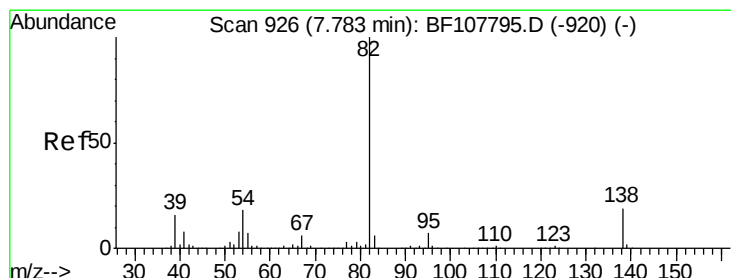
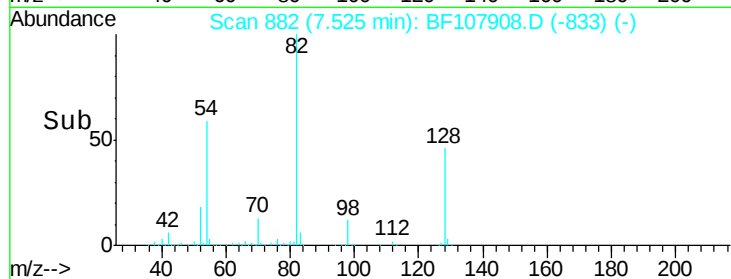
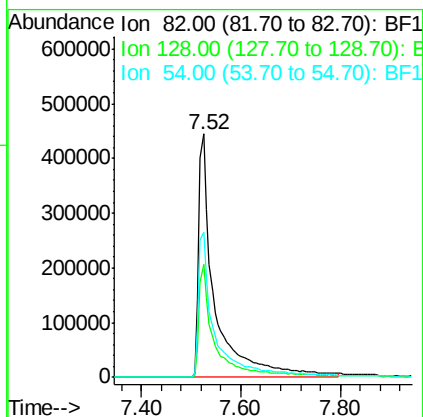
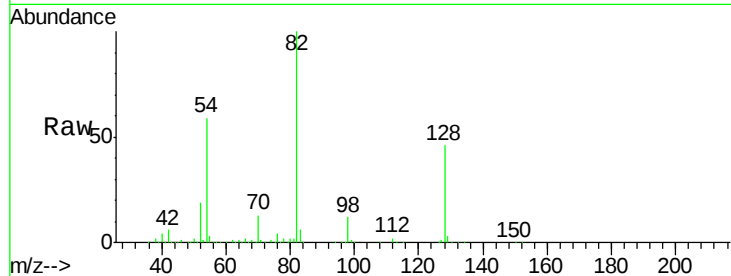




#23
Nitrobenzene-d5
Concen: 83.570 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107908.D
Acq: 2 Aug 2018 14:43

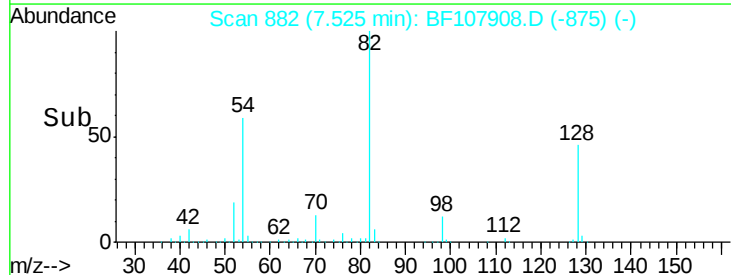
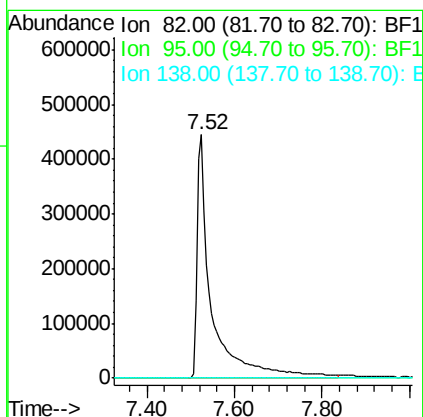
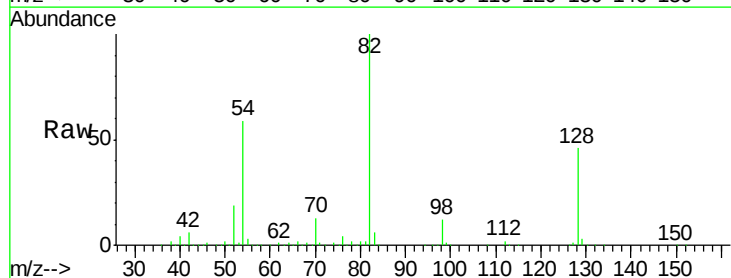
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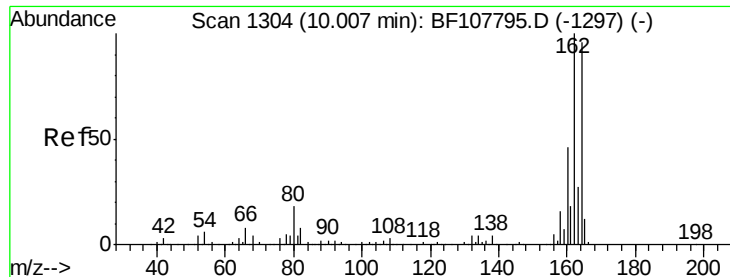
Tgt Ion: 82 Resp: 1010664
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 59.4 41.4 62.2



#25
Isophorone
Concen: 51.621 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107908.D
Acq: 2 Aug 2018 14:43

Tgt Ion: 82 Resp: 1024763
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

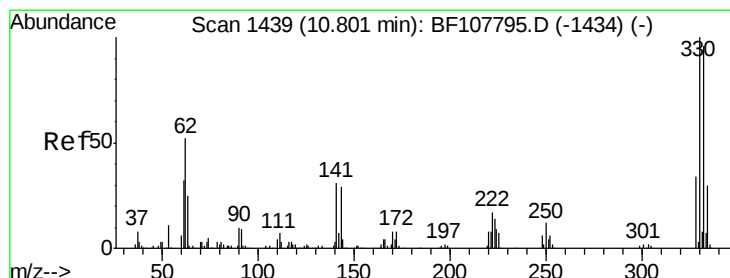
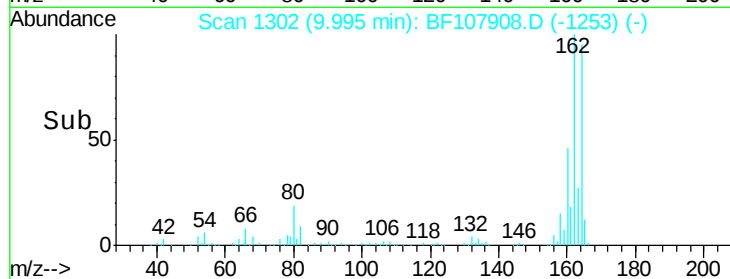
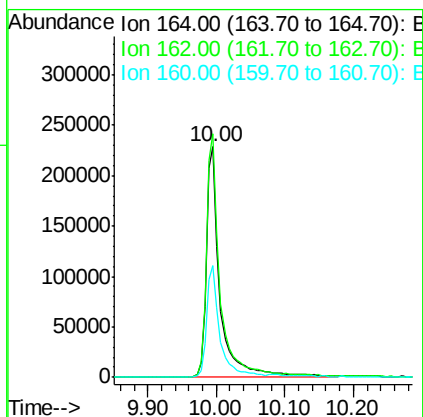
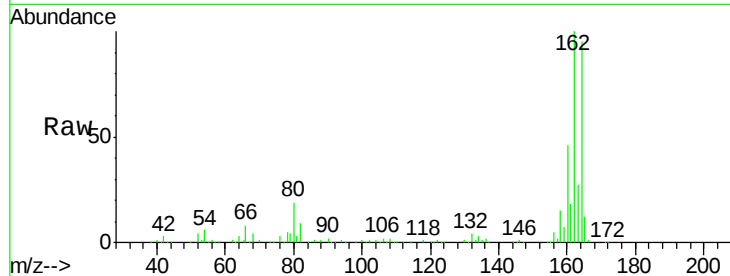




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107908.D
Acq: 2 Aug 2018 14:43

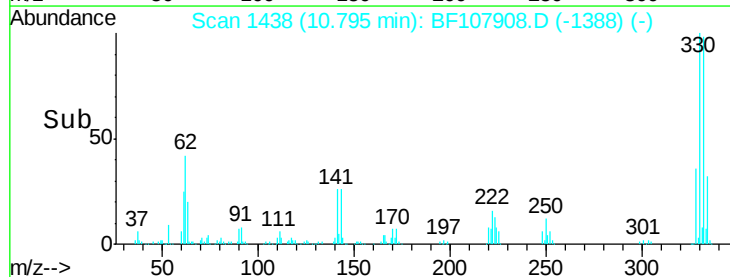
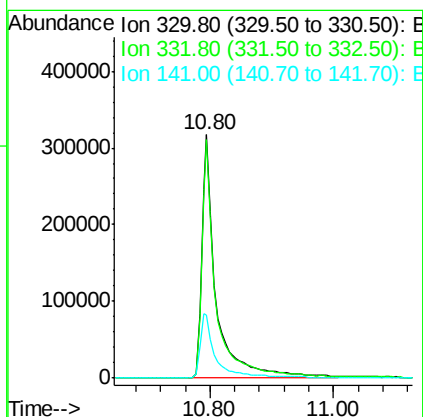
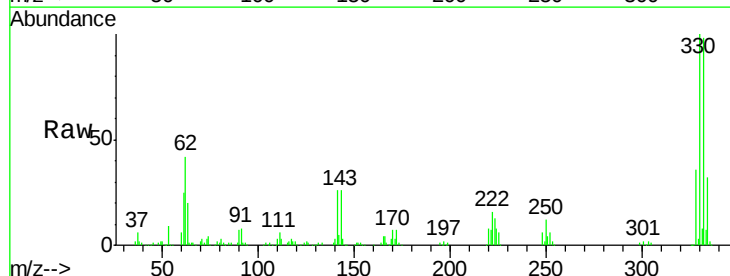
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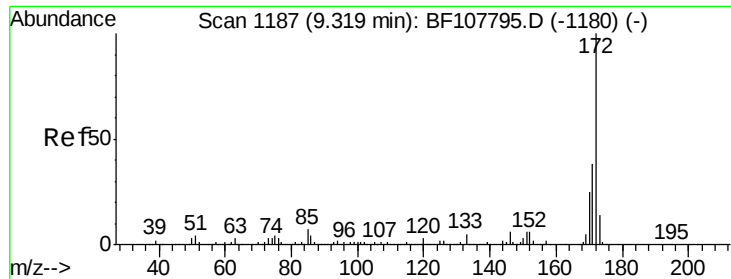
Tgt Ion:164 Resp: 327265
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 48.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 117.997 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107908.D
Acq: 2 Aug 2018 14:43

Tgt Ion:330 Resp: 524718
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 28.3 29.9 44.9#

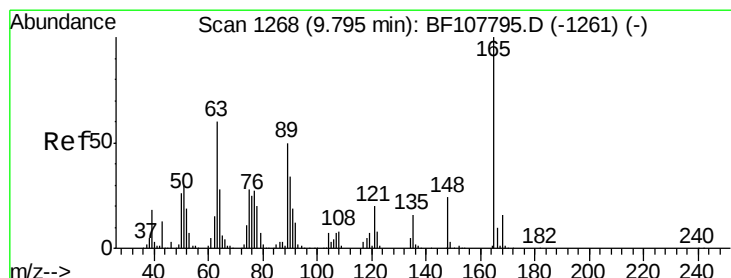
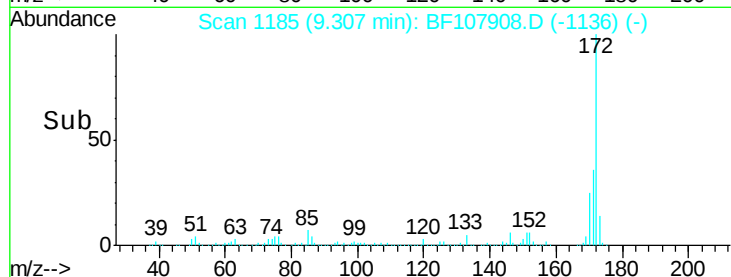
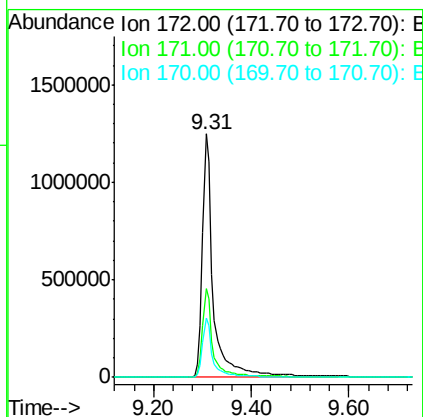
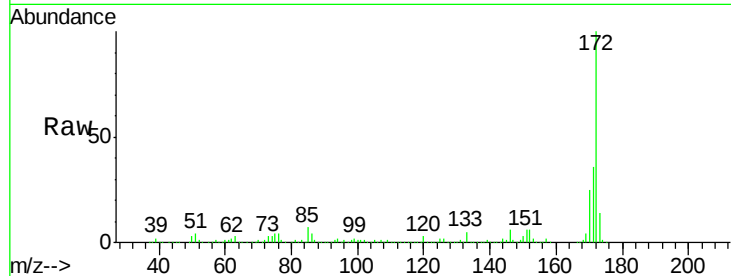




#44
 2-Fluorobiphenyl
 Concen: 84.477 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107908.D
 Acq: 2 Aug 2018 14:43

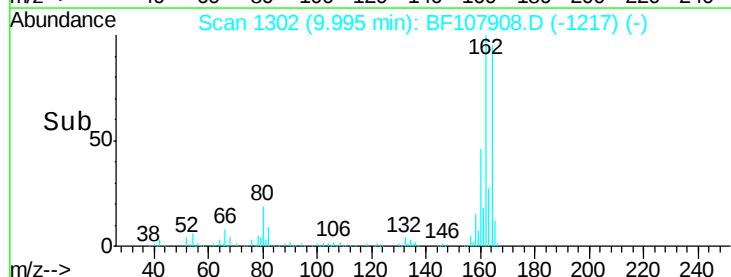
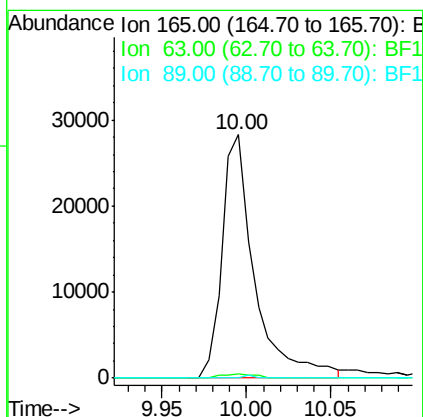
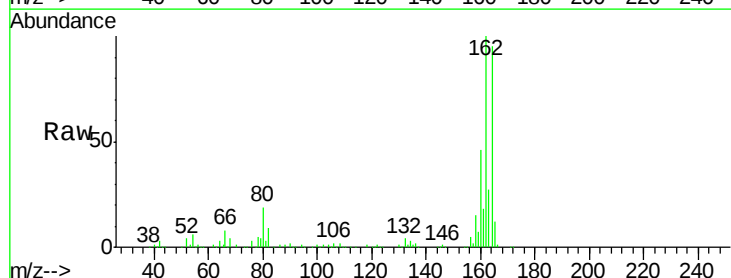
Instrument :
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 ClientSampleId :
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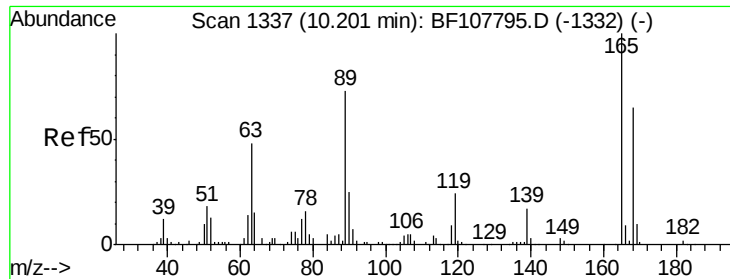
Tgt Ion:172 Resp: 1983971
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.096 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107908.D
 Acq: 2 Aug 2018 14:43

Tgt Ion:165 Resp: 37901
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 0.0 44.0 66.0#

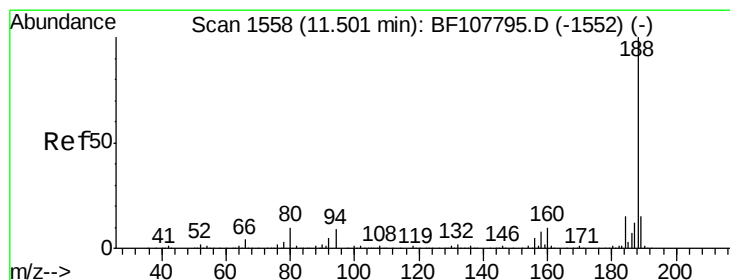
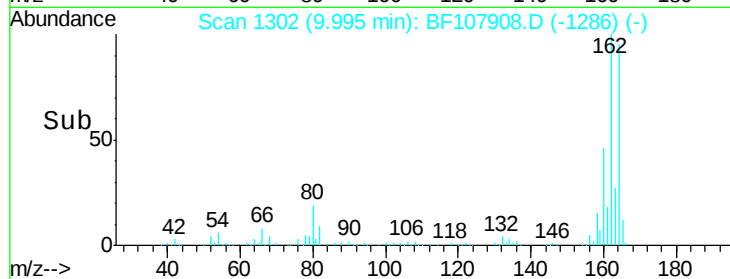
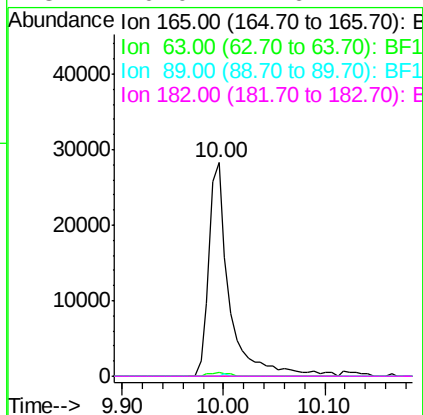
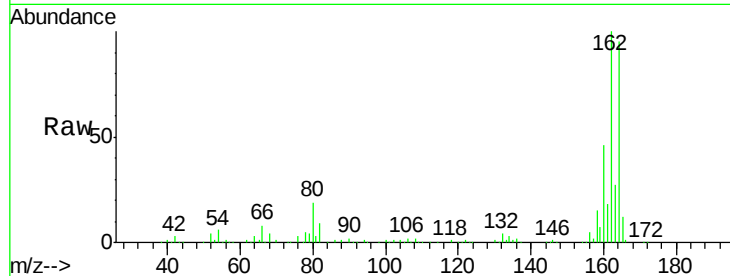




#56
 2,4-Dinitrotoluene
 Concen: 5.683 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107908.D
 Acq: 2 Aug 2018 14:43

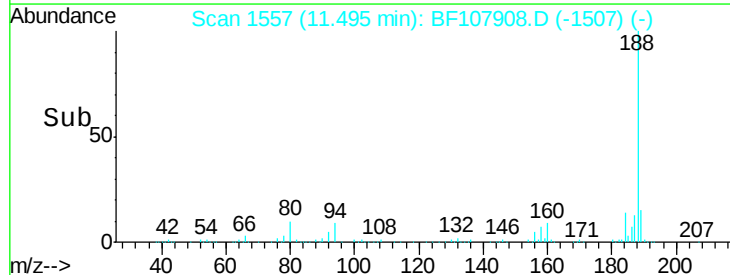
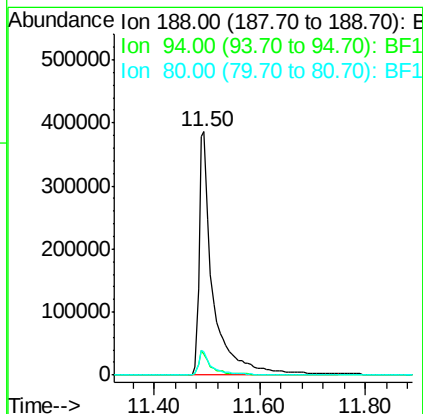
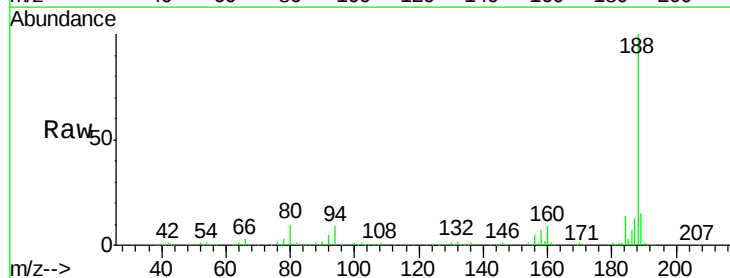
Instrument :
 BNA_F
 ClientSampleId :
 PB111688BL

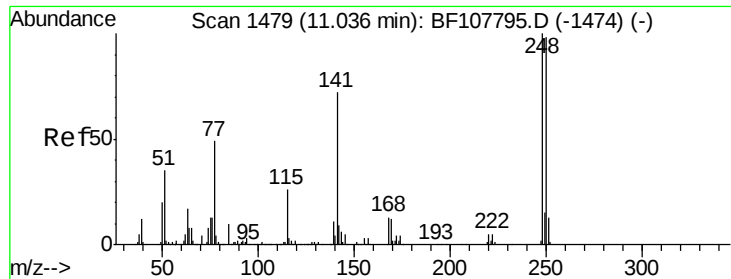
Tgt Ion:	165	Resp:	39895
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107908.D
 Acq: 2 Aug 2018 14:43

Tgt Ion:	188	Resp:	718724
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.5	9.2	13.8

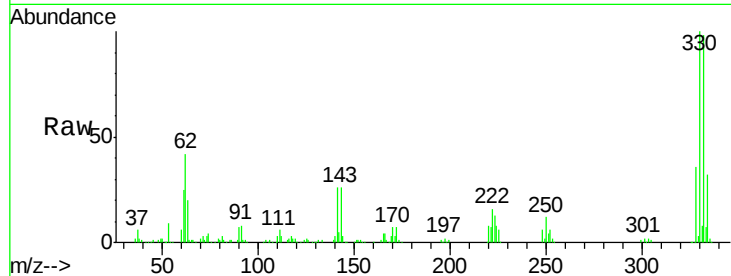




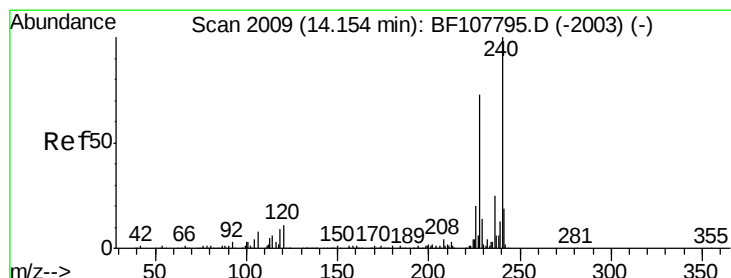
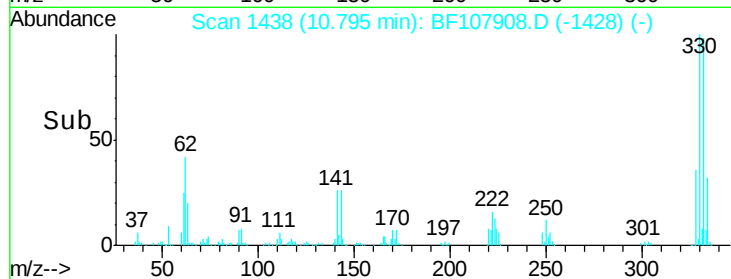
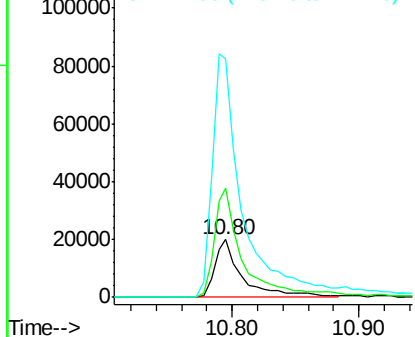
#66
4-Bromophenyl-phenylether
Concen: 3.622 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107908.D
Acq: 2 Aug 2018 14:43

Instrument :
BNA_F
ClientSampled :
PB111688BL

Tgt Ion:248 Resp: 30342
Ion Ratio Lower Upper
248 100
250 189.4 76.9 115.3#
141 413.9 74.4 111.6#

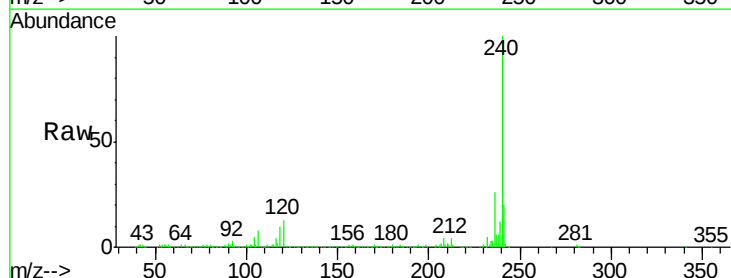


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

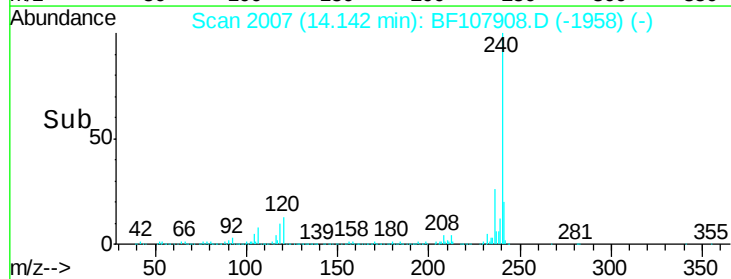
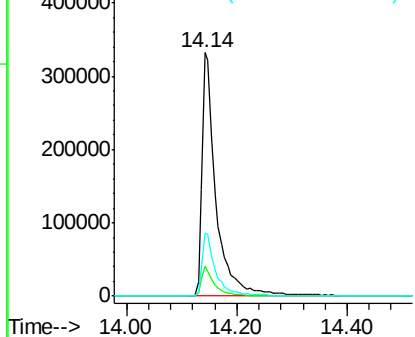


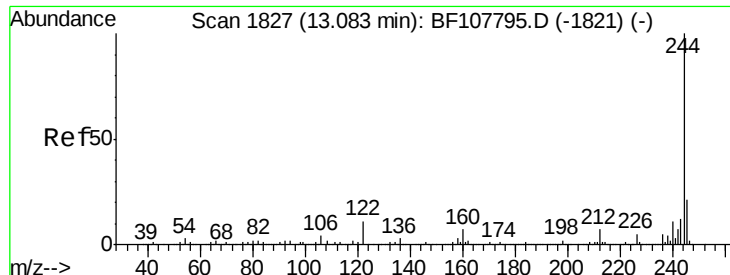
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107908.D
Acq: 2 Aug 2018 14:43

Tgt Ion:240 Resp: 580673
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.9 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: 79.296 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107908.D

Acq: 2 Aug 2018 14:43

Instrument :

BNA_F

ClientSampleId :

PB111688BL

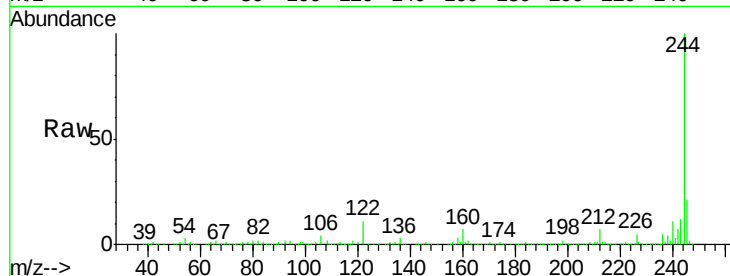
Tgt Ion:244 Resp: 2123435

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

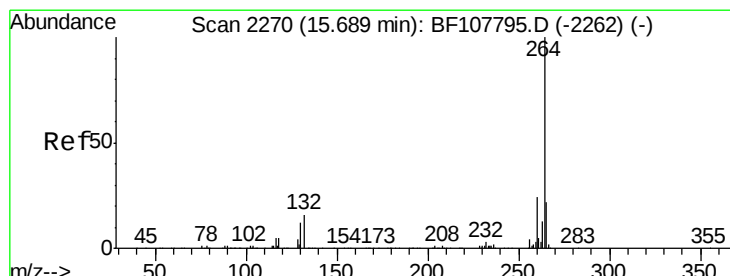
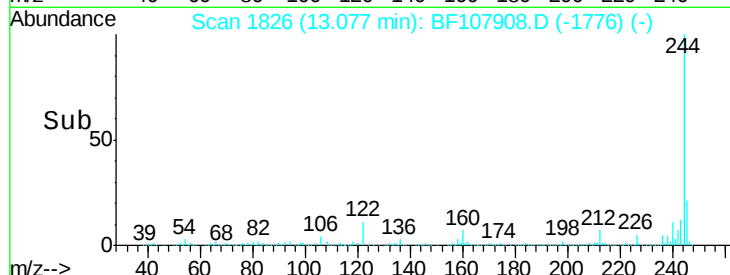
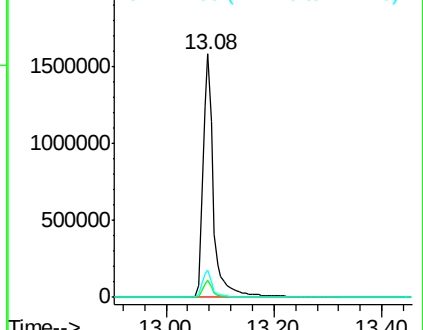
122 11.3 11.0 16.4



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: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF107908.D

Acq: 2 Aug 2018 14:43

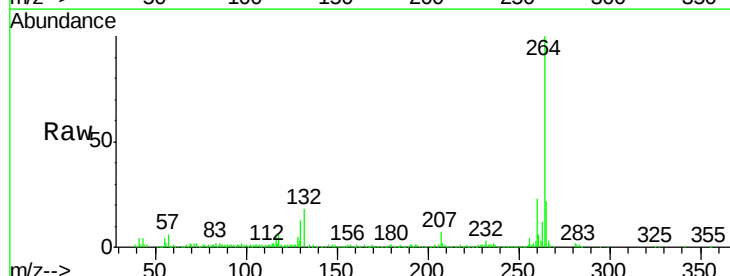
Tgt Ion:264 Resp: 422338

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.7 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

