

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108080.D
 Acq On : 10 Aug 2018 13:34
 Operator : JU/SJ
 Sample : PB111926BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BL

Quant Time: Aug 10 14:54:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

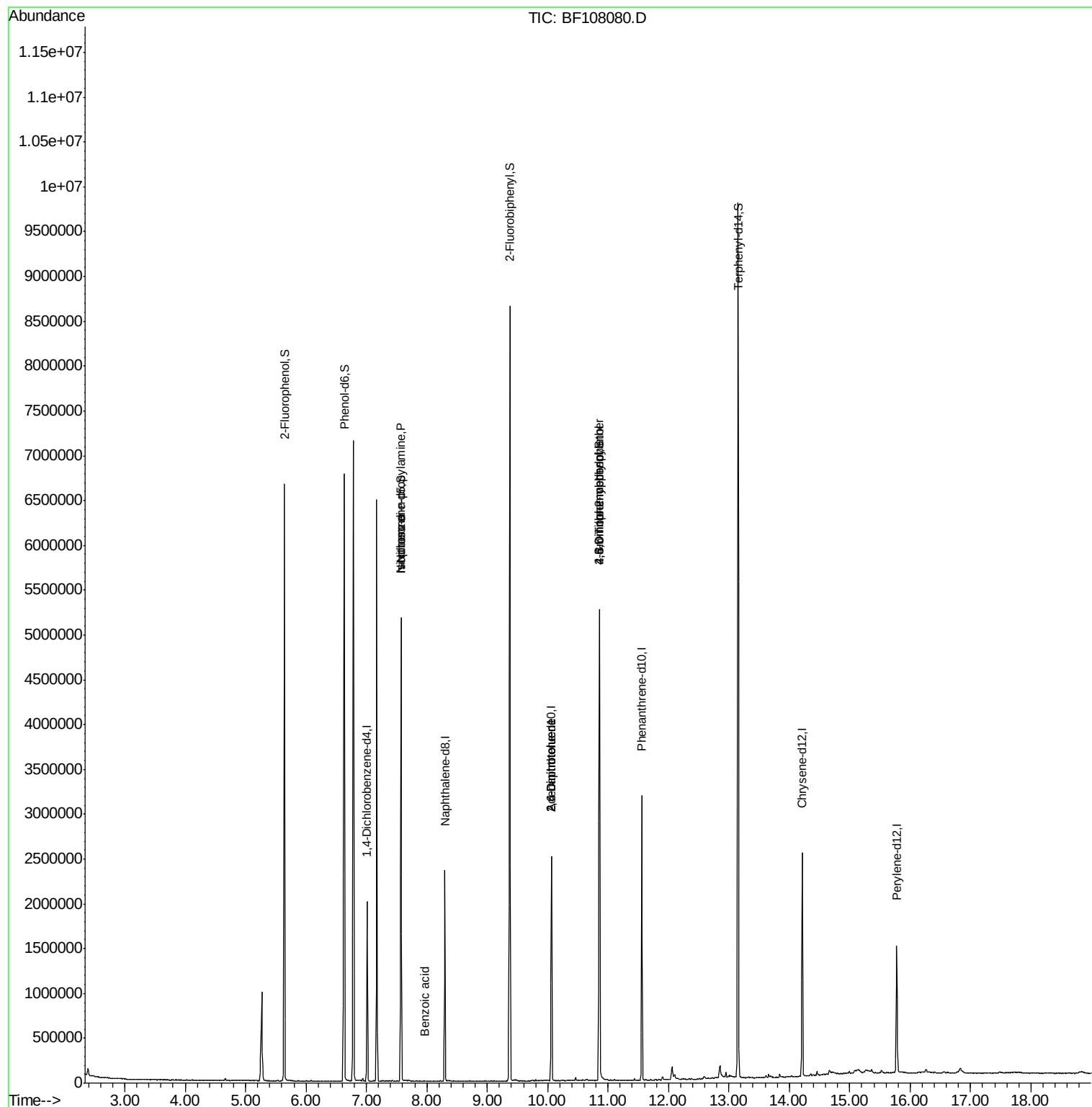
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	274304	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1018358	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	533901	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	1080949	20.00	ng	0.00
75) Chrysene-d12	14.21	240	840064	20.00	ng	0.00
86) Perylene-d12	15.78	264	730607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1839901	121.44	ng	0.01
7) Phenol-d6	6.64	99	2421139	120.25	ng	0.00
23) Nitrobenzene-d5	7.58	82	1628646	89.24	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	712904	133.87	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2950869	88.73	ng	0.00
78) Terphenyl-d14	13.15	244	3328240	100.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	229375	16.847	ng	# 83
25) Isophorone	7.58	82	1628624	46.820	ng	# 64
32) Benzoic acid	7.97	122	140	5.988	ng	# 34
50) 2,6-Dinitrotoluene	10.06	165	68479	8.801	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	68479	6.837	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.86	198	1786	5.750	ng	# 1
66) 4-Bromophenyl-phenylether	10.86	248	48080	4.093	ng	# 1

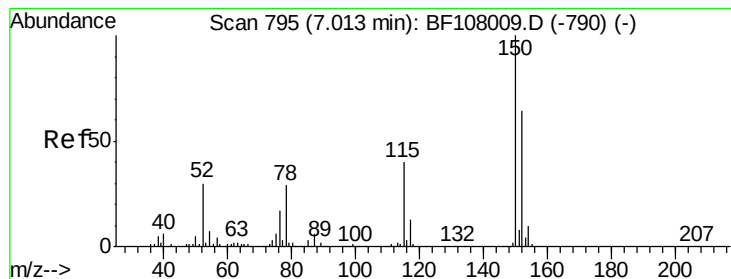
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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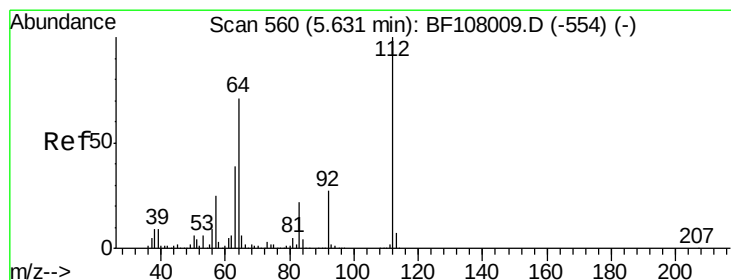
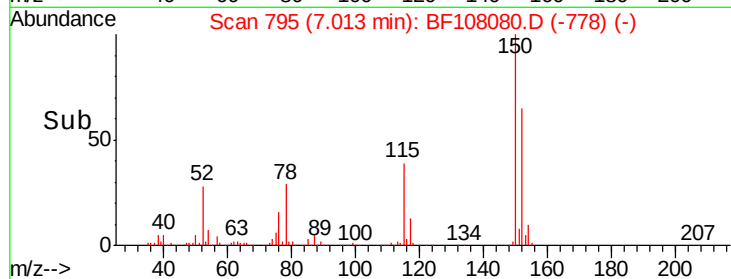
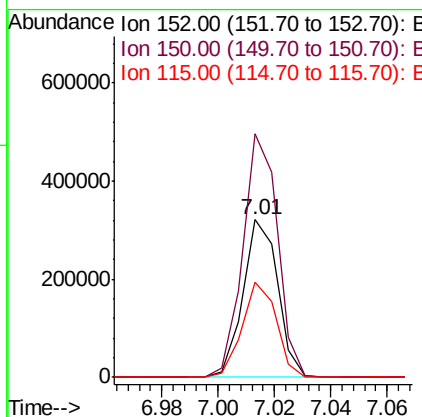
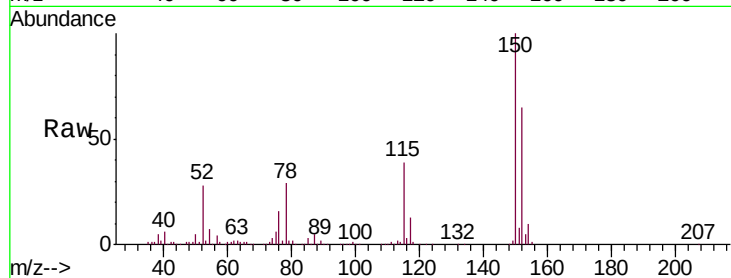


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Instrument :
BNA_F
ClientSampleId :
PB111926BL

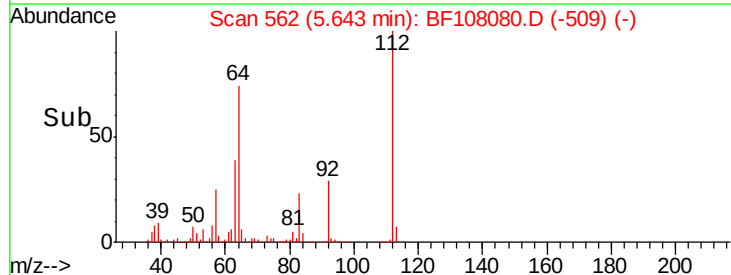
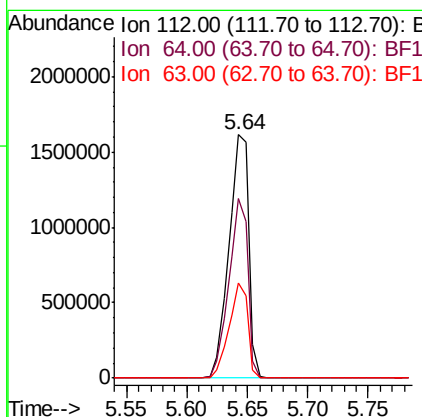
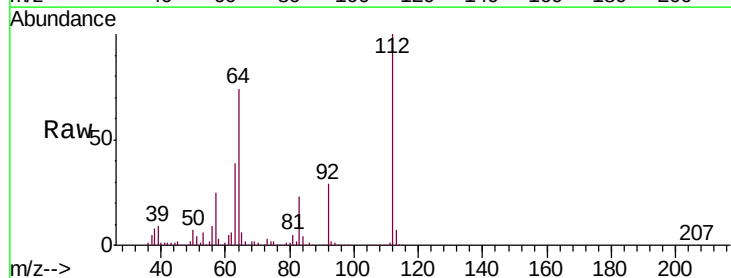
Tgt Ion:152 Resp: 274304
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 60.1 50.1 75.1

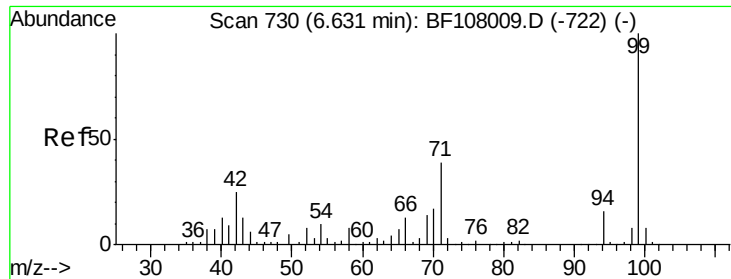


#5

2-Fluorophenol
Concen: 121.437 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Tgt Ion:112 Resp: 1839901
Ion Ratio Lower Upper
112 100
64 74.0 47.9 71.9#
63 39.0 23.7 35.5#





#7

Phenol-d6

Concen: 120.253 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108080.D

Acq: 10 Aug 2018 13:34

Instrument :

BNA_F

ClientSampleId :

PB111926BL

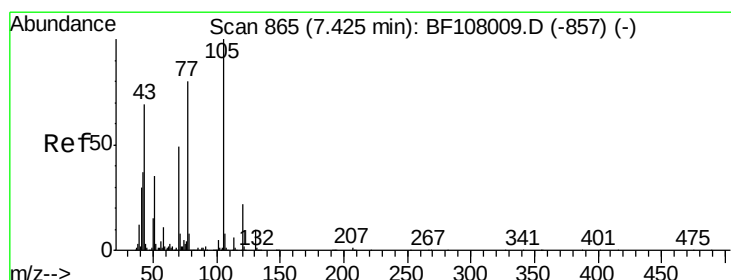
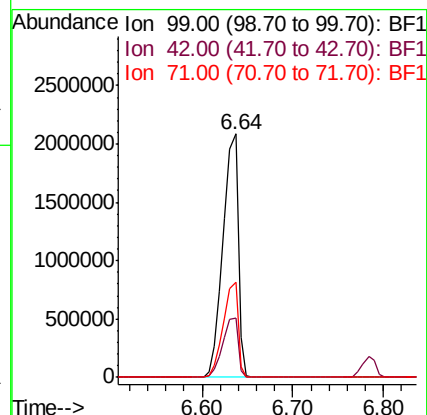
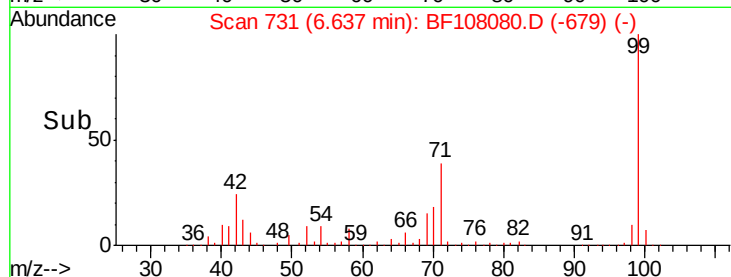
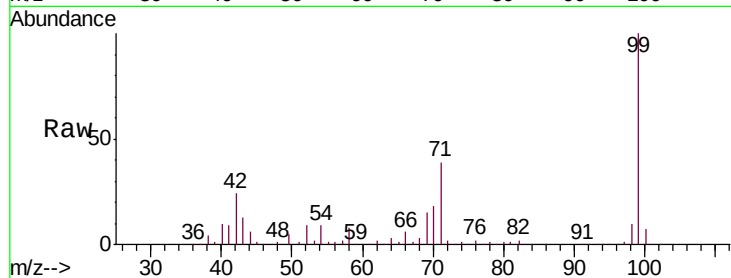
Tgt Ion: 99 Resp: 2421139

Ion Ratio Lower Upper

99 100

42 24.3 14.5 21.7#

71 38.9 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 16.847 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108080.D

Acq: 10 Aug 2018 13:34

Tgt Ion: 70 Resp: 229375

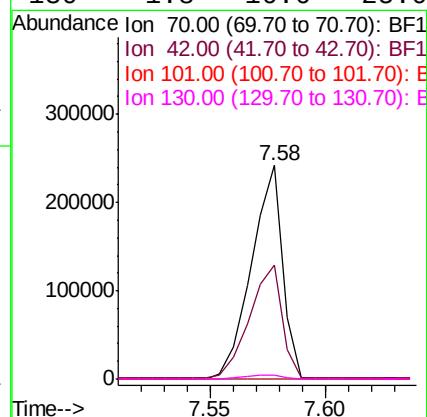
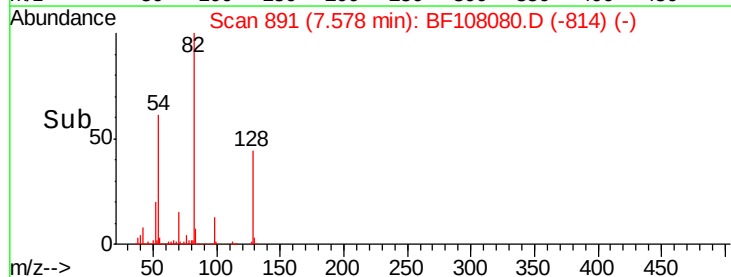
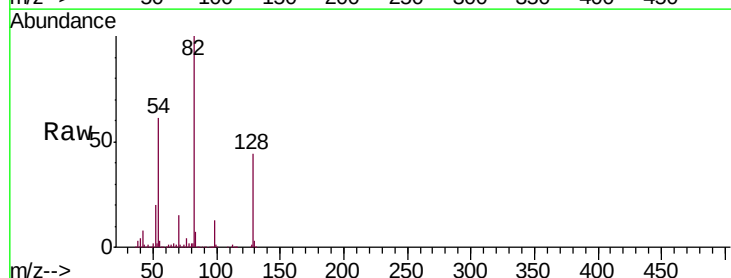
Ion Ratio Lower Upper

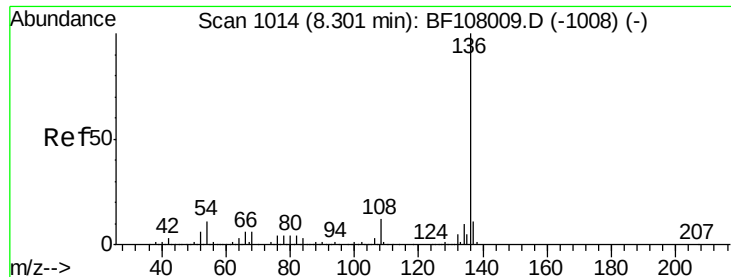
70 100

42 53.4 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

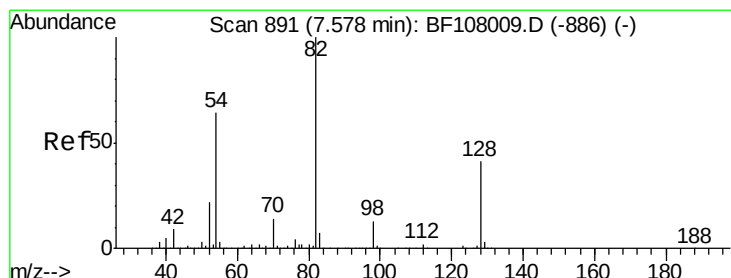
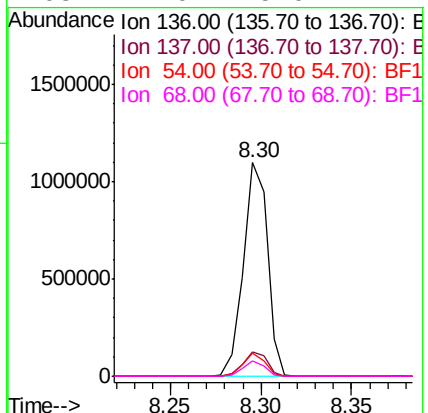
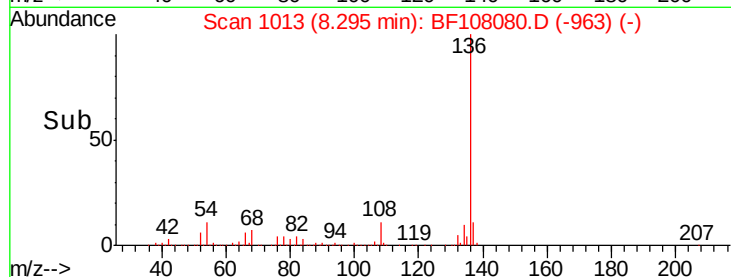
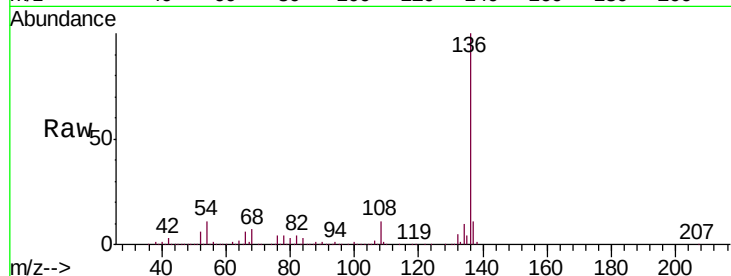




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

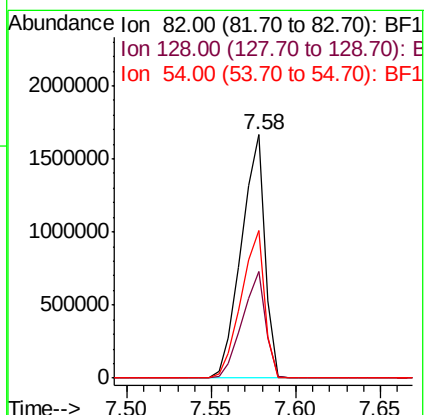
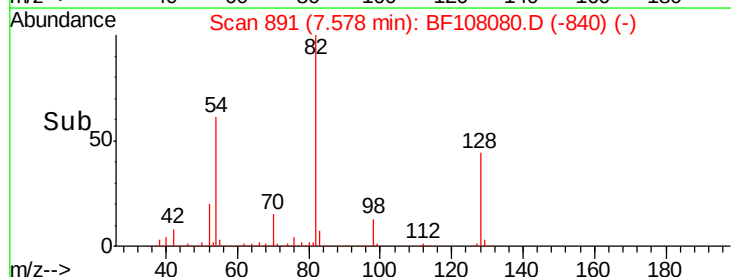
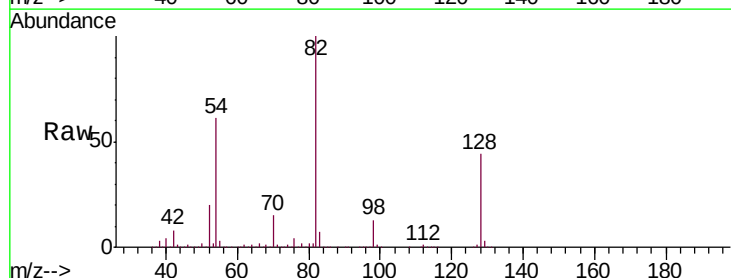
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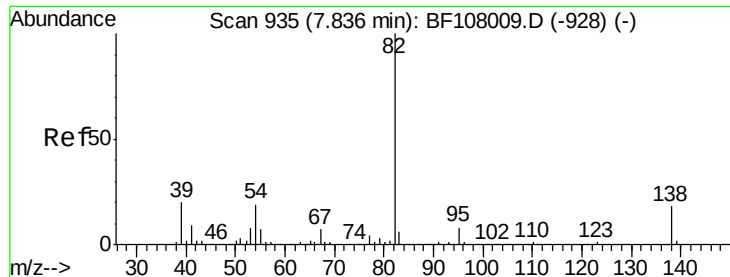
Tgt Ion:	136	Resp:	1018358
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	11.1	6.6	9.8#
68	7.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 89.242 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Tgt Ion:	82	Resp:	1628646
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	60.7	41.4	62.2

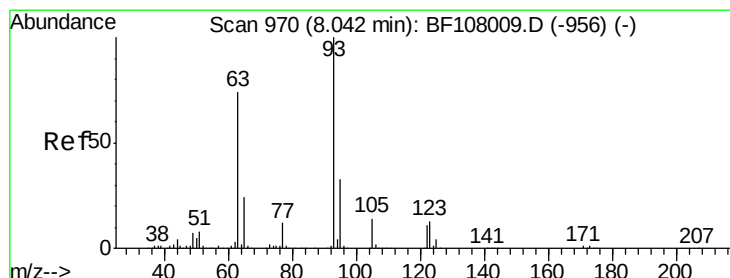
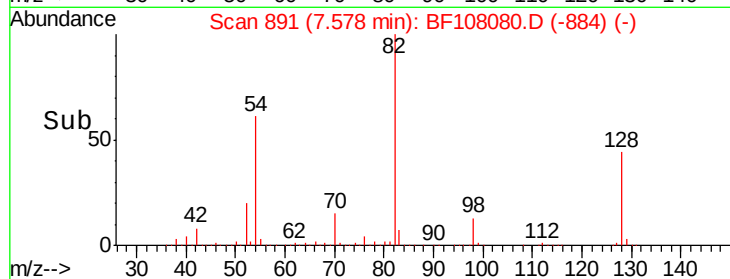
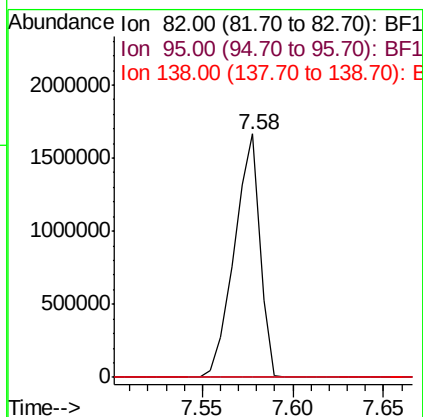
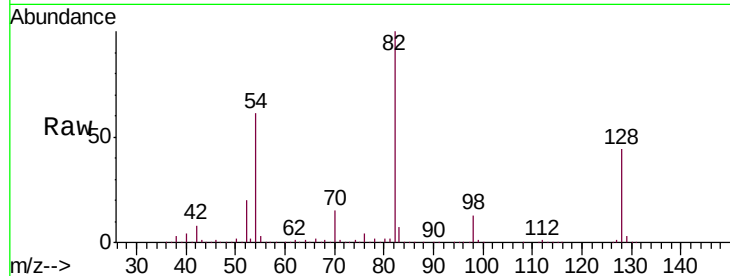




#25
Isophorone
Concen: 46.820 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

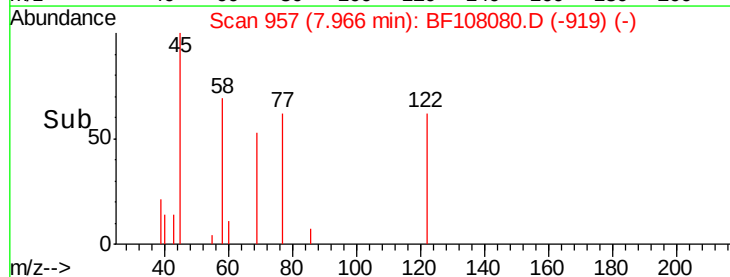
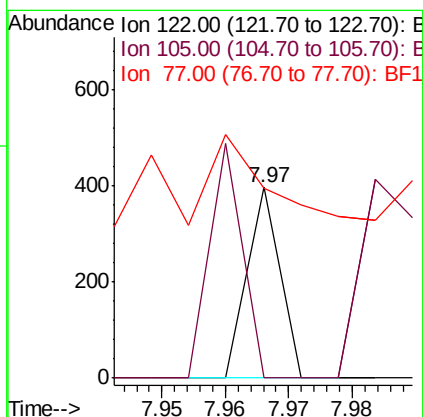
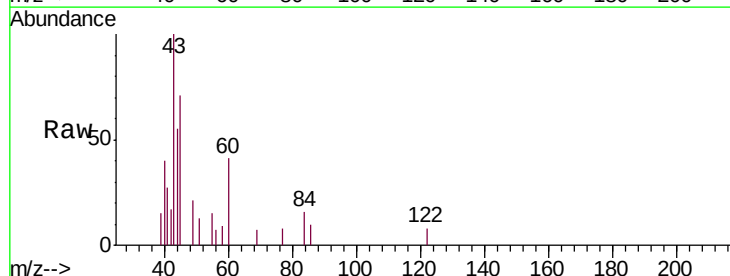
Instrument :
BNA_F
ClientSampleId :
PB111926BL

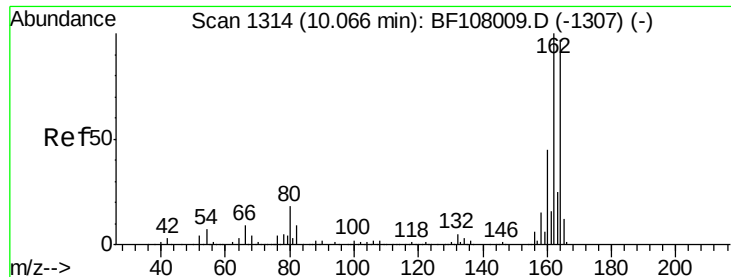
Tgt Ion: 82 Resp: 1628624
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 5.988 ng
RT: 7.97 min Scan# 957
Delta R.T. -0.08 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Tgt Ion: 122 Resp: 140
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 99.7 70.7 110.7

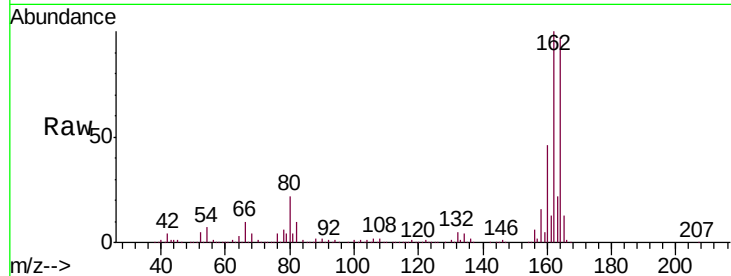




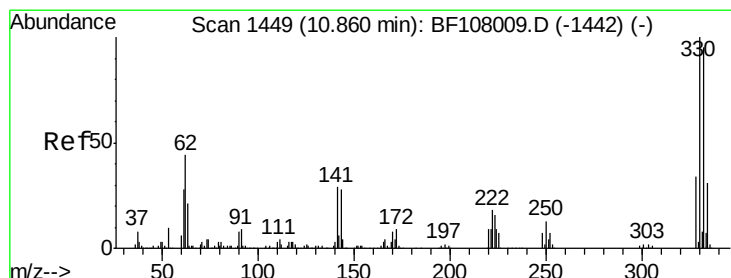
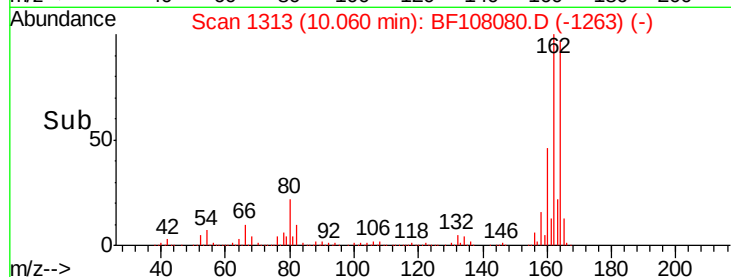
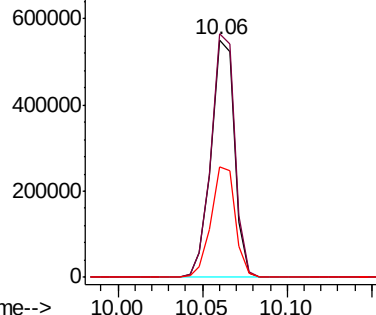
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108080.D
 Acq: 10 Aug 2018 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BL

Tgt Ion:164 Resp: 533901
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 46.7 38.3 57.5

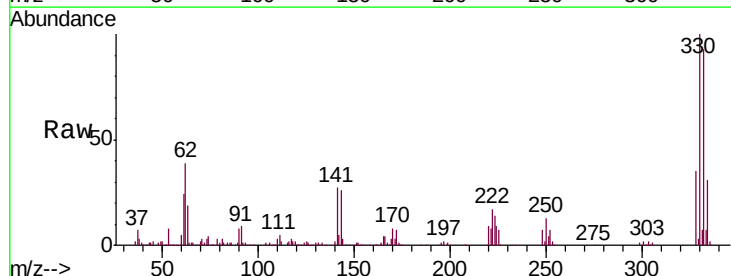


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

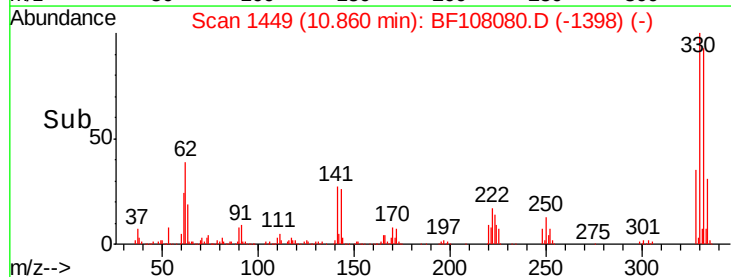
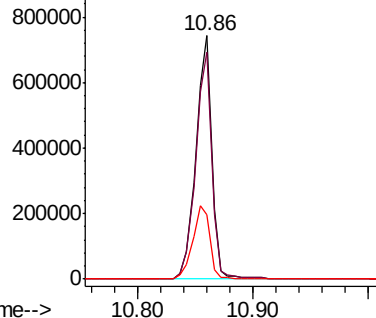


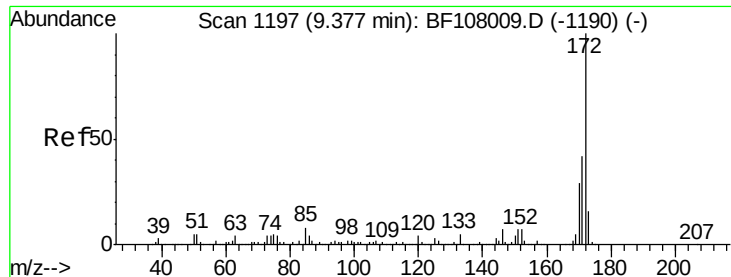
#41
 2,4,6-Tribromophenol
 Concen: 133.865 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108080.D
 Acq: 10 Aug 2018 13:34

Tgt Ion:330 Resp: 712904
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 32.8 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

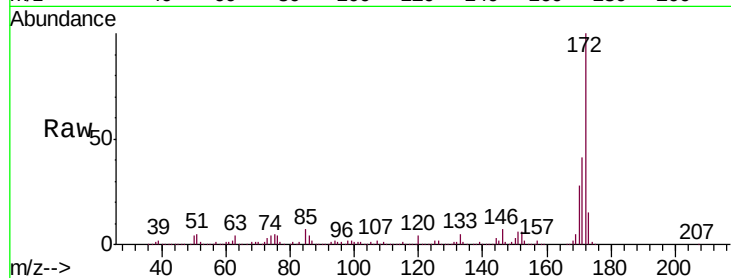




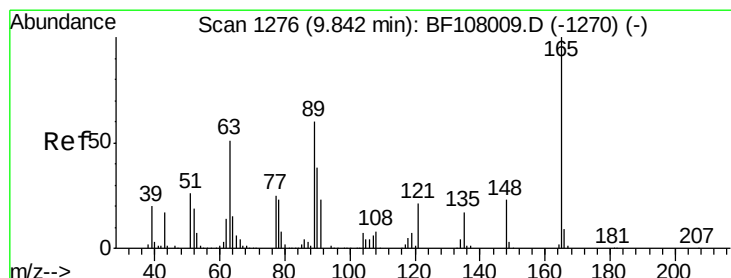
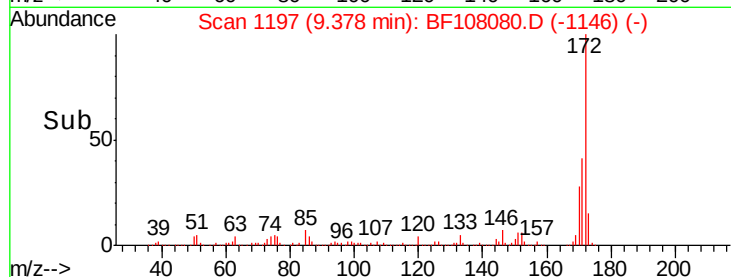
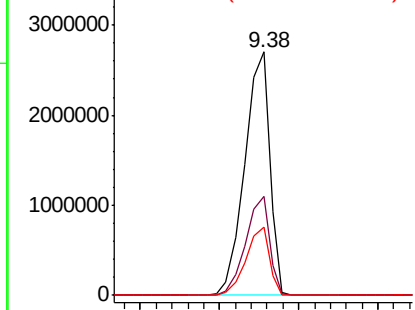
#44
 2-Fluorobiphenyl
 Concen: 88.734 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108080.D
 Acq: 10 Aug 2018 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BL

Tgt Ion:172 Resp: 2950869
 Ion Ratio Lower Upper
 172 100
 171 40.8 29.7 44.5
 170 27.8 19.6 29.4

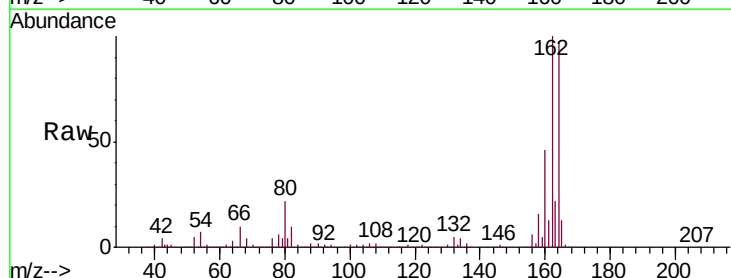


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

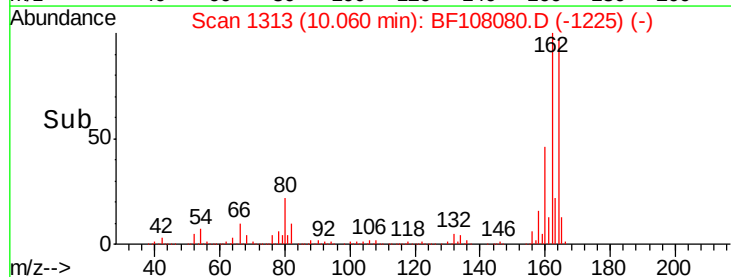
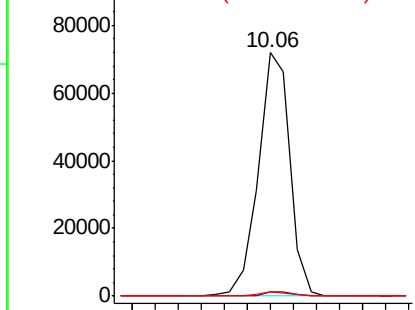


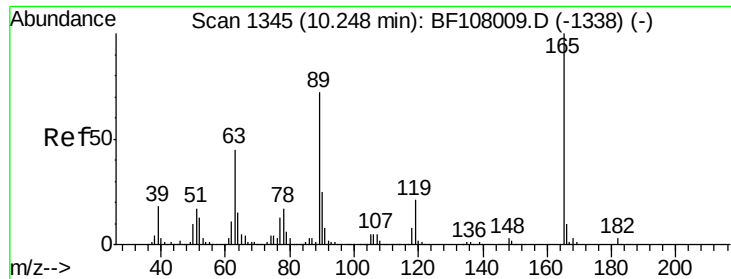
#50
 2,6-Dinitrotoluene
 Concen: 8.801 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108080.D
 Acq: 10 Aug 2018 13:34

Tgt Ion:165 Resp: 68479
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 1.5 44.0 66.0#



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

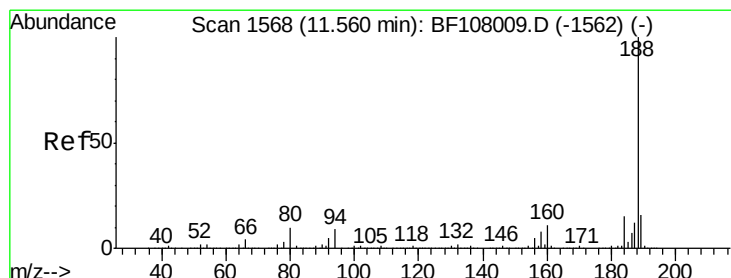
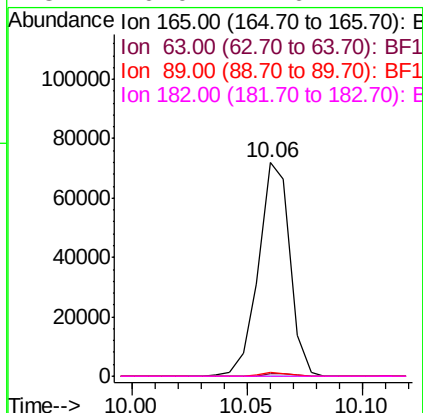
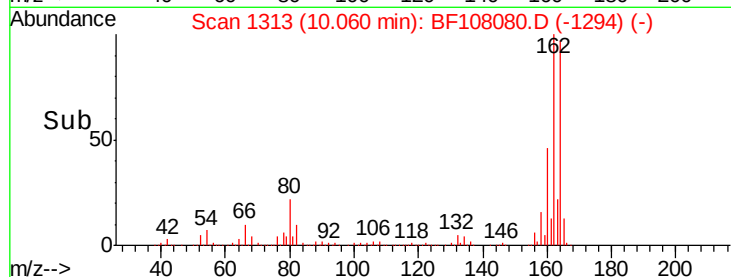
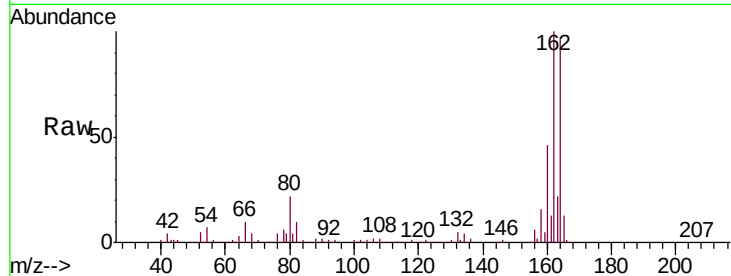




#56
 2,4-Dinitrotoluene
 Concen: 6.837 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108080.D
 Acq: 10 Aug 2018 13:34

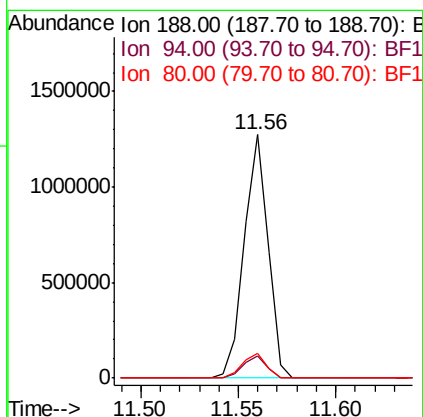
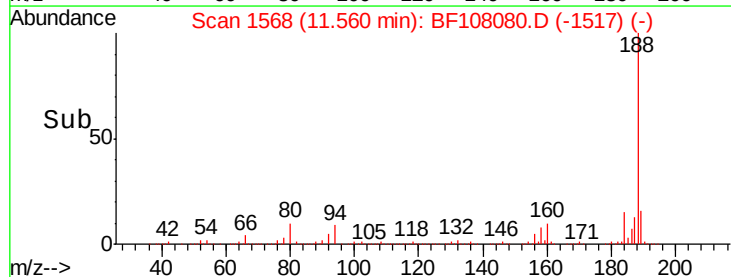
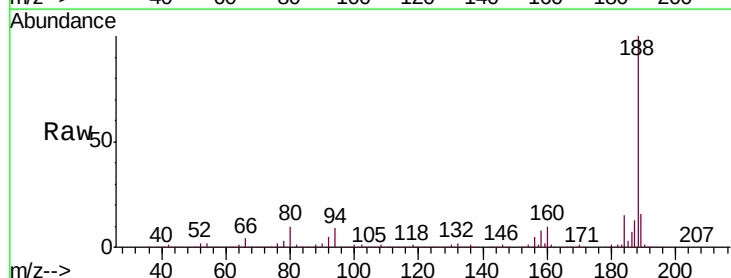
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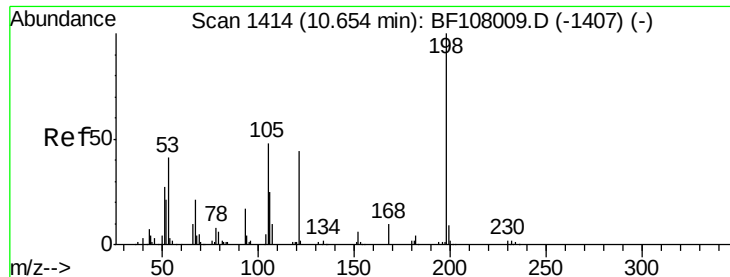
Tgt Ion:165 Resp: 68479
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108080.D
 Acq: 10 Aug 2018 13:34

Tgt Ion:188 Resp: 1080949
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 10.3 9.2 13.8

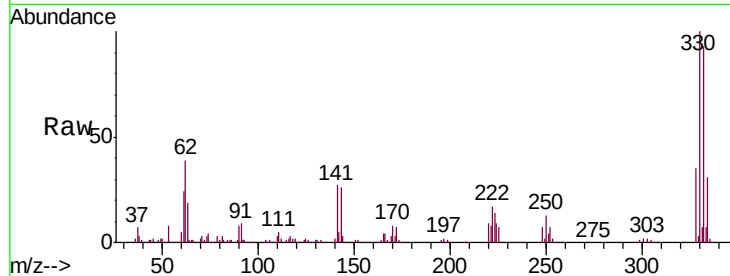




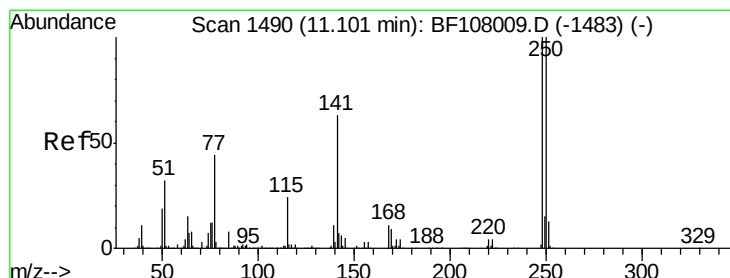
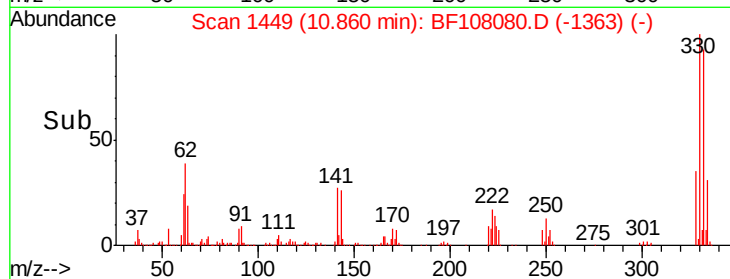
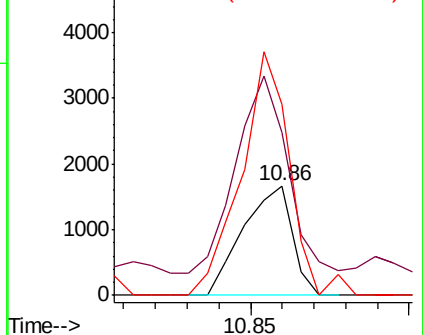
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.750 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.21 min
 Lab File: BF108080.D
 Acq: 10 Aug 2018 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BL

Tgt Ion:198 Resp: 1786
 Ion Ratio Lower Upper
 198 100
 51 148.5 37.7 77.7#
 105 175.0 36.3 76.3#

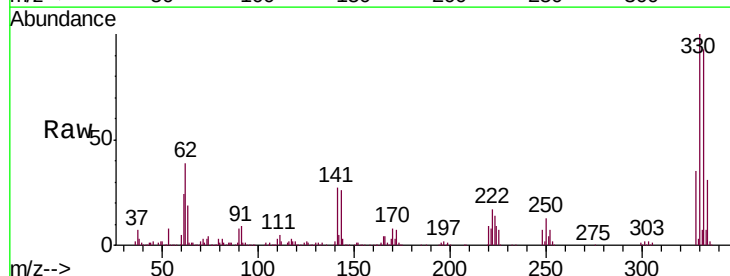


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

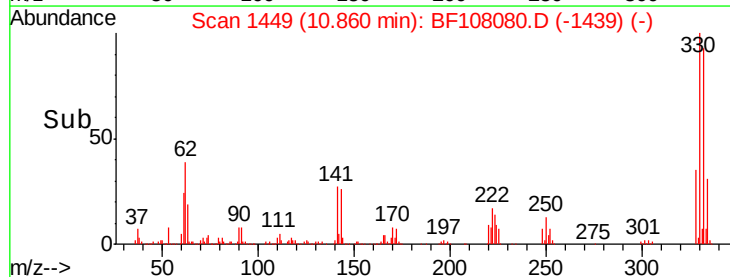
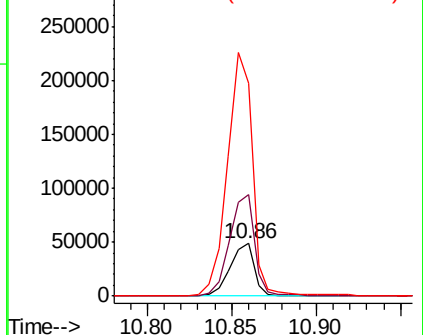


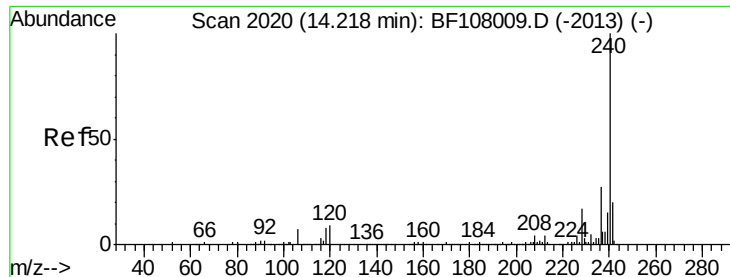
#66
 4-Bromophenyl-phenylether
 Concen: 4.093 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.24 min
 Lab File: BF108080.D
 Acq: 10 Aug 2018 13:34

Tgt Ion:248 Resp: 48080
 Ion Ratio Lower Upper
 248 100
 250 194.2 76.9 115.3#
 141 407.0 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: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108080.D

Acq: 10 Aug 2018 13:34

Instrument :

BNA_F

ClientSampleId :

PB111926BL

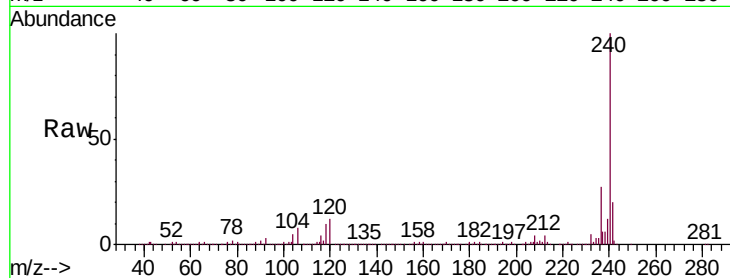
Tgt Ion:240 Resp: 840064

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

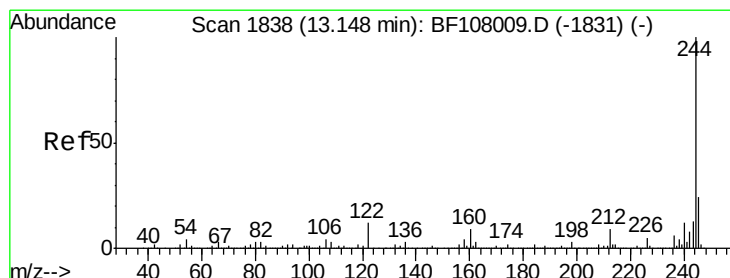
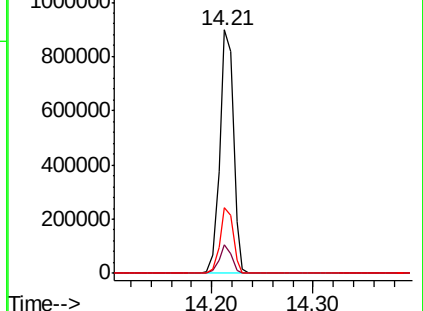
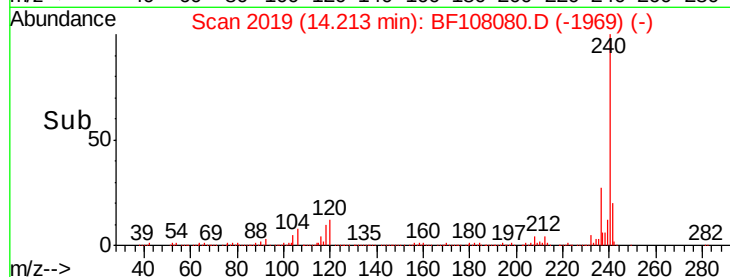
236 27.1 20.7 31.1



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: 100.734 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108080.D

Acq: 10 Aug 2018 13:34

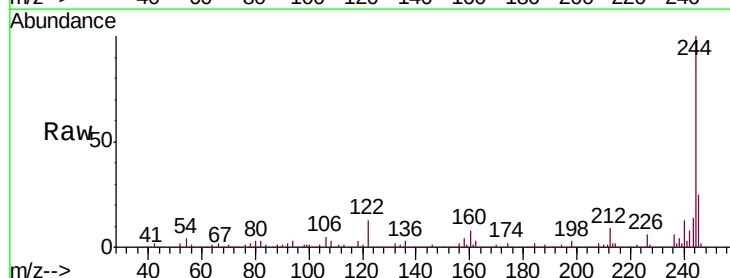
Tgt Ion:244 Resp: 3328240

Ion Ratio Lower Upper

244 100

212 9.3 5.4 8.0#

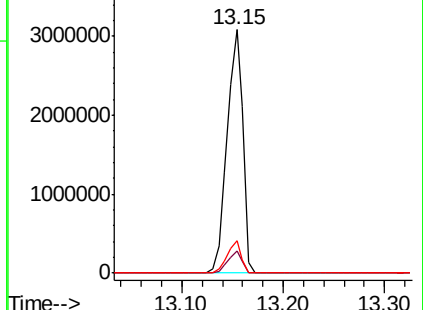
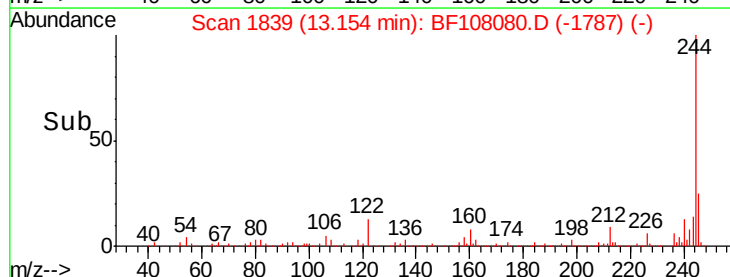
122 13.1 11.0 16.4

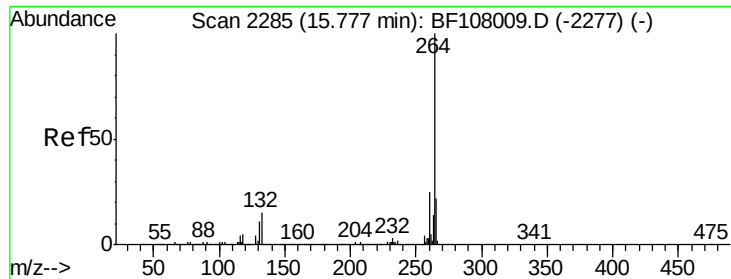


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Instrument :
BNA_F
ClientSampleId :
PB111926BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3

