

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109561.D
 Acq On : 3 Oct 2018 21:48
 Operator : JU/SJ
 Sample : J5221-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-U-B

Quant Time: Oct 04 02:19:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

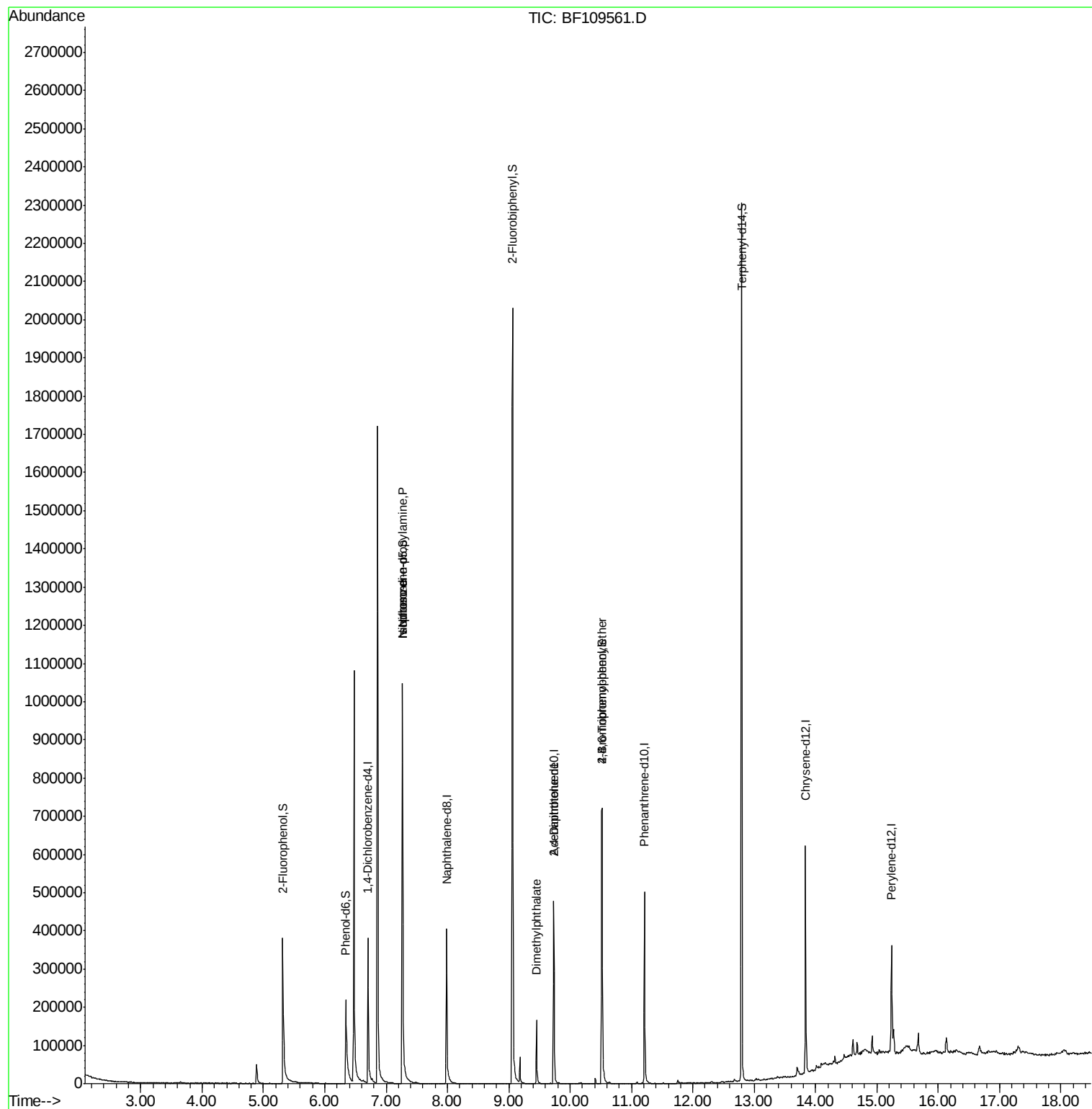
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	69095	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	224422	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	97529	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	209346	20.00	ng	0.00
75) Chrysene-d12	13.84	240	205165	20.00	ng	0.00
86) Perylene-d12	15.24	264	139083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	168135	40.08	ng	0.00
7) Phenol-d6	6.35	99	126267	23.59	ng	-0.01
23) Nitrobenzene-d5	7.27	82	424060	111.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	109840	114.25	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	714282	110.46	ng	-0.01
78) Terphenyl-d14	12.80	244	897152	107.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	56286	16.047	ng	# 76
25) Isophorone	7.27	82	409099	59.758	ng	# 64
49) Dimethylphthalate	9.45	163	74072	10.442	ng	100
56) 2,4-Dinitrotoluene	9.73	165	11538	6.491	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	6479	2.787	ng	# 1

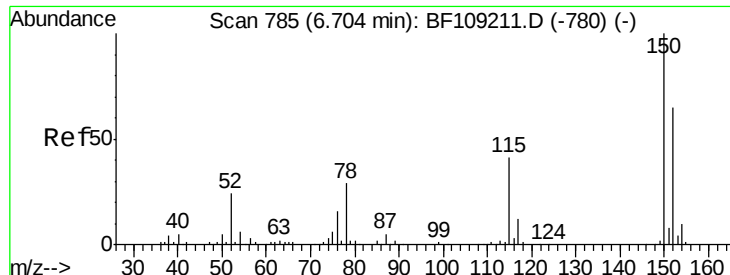
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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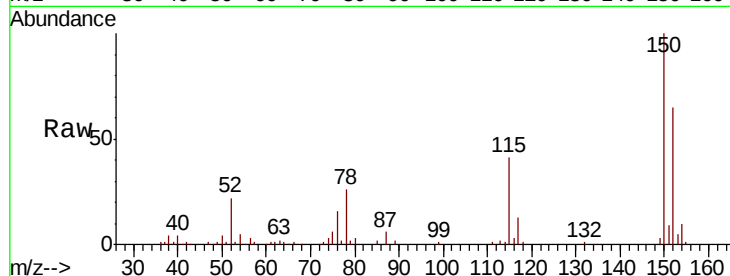




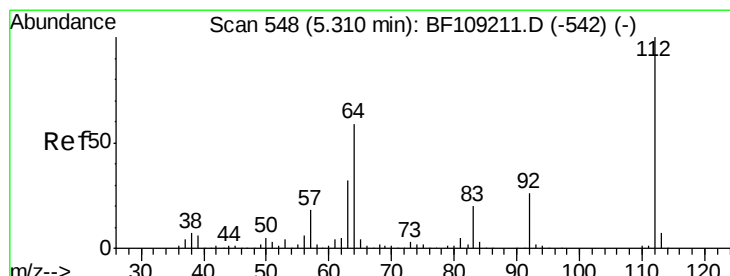
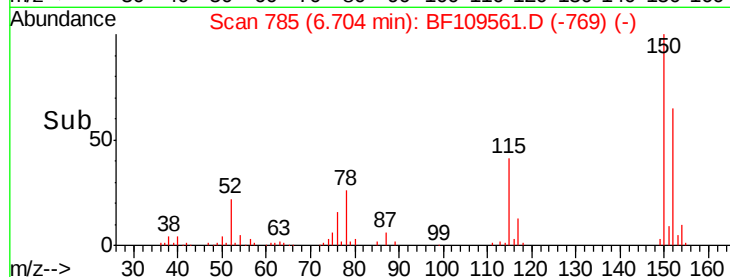
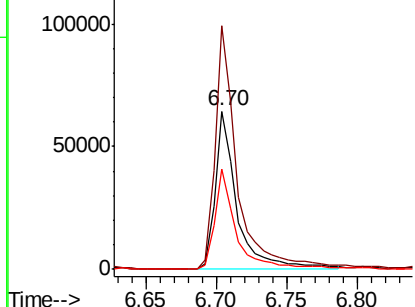
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109561.D
 Acq: 3 Oct 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-U-B

Tgt Ion:152 Resp: 69095
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 63.1 50.1 75.1

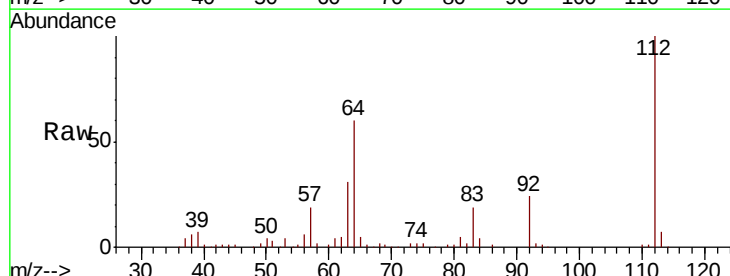


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

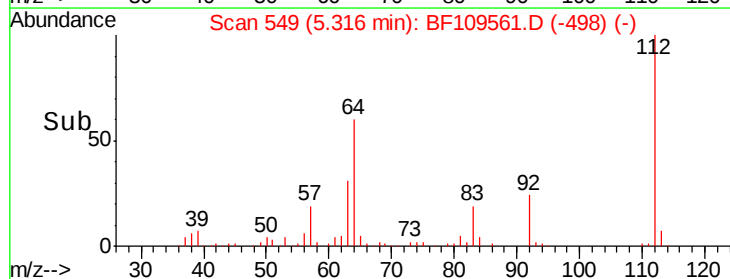
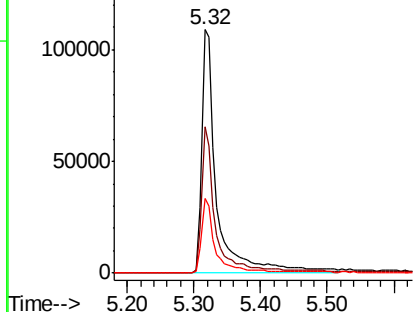


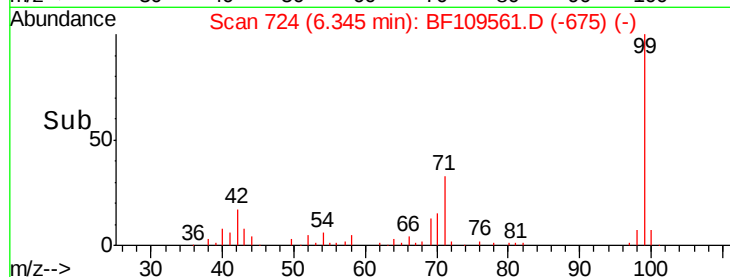
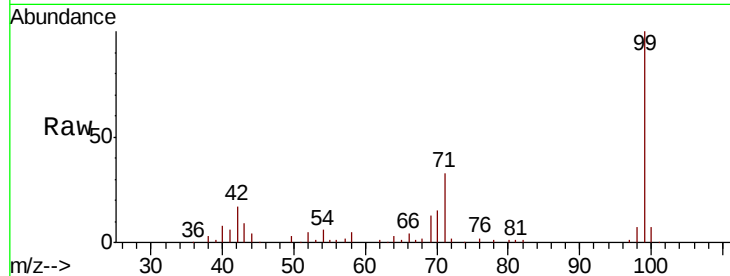
#5
 2-Fluorophenol
 Concen: 40.080 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109561.D
 Acq: 3 Oct 2018 21:48

Tgt Ion:112 Resp: 168135
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.9 71.9
 63 30.7 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: 23.588 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109561.D

Acq: 3 Oct 2018 21:48

Instrument :

BNA_F

ClientSampleId :

100118-JETT-E-U-B

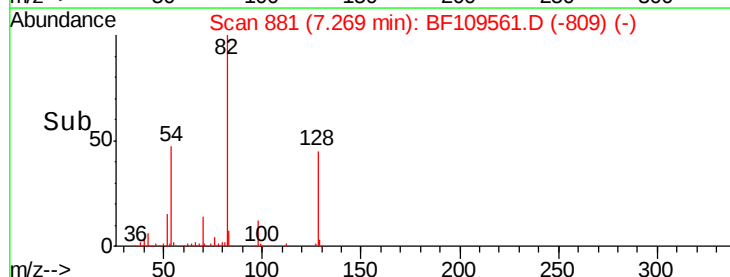
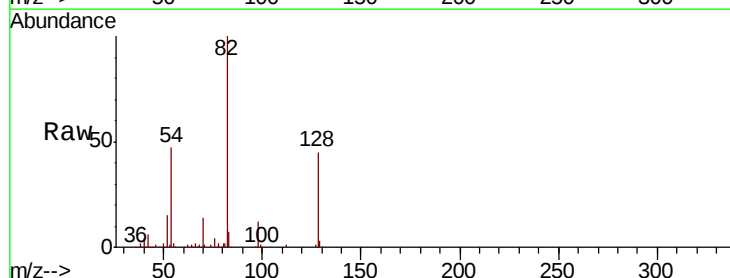
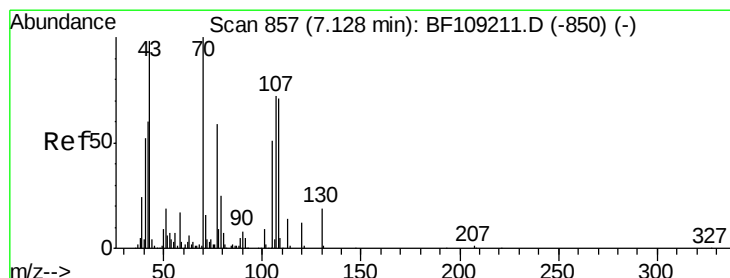
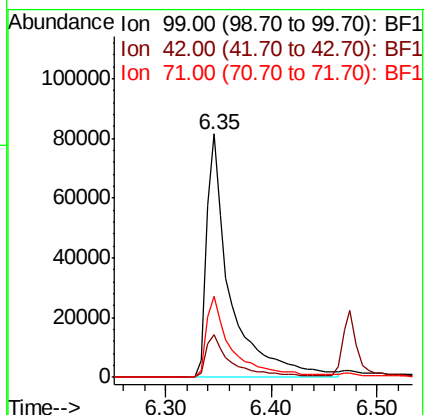
Tgt Ion: 99 Resp: 126267

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

71 33.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.047 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109561.D

Acq: 3 Oct 2018 21:48

Tgt Ion: 70 Resp: 56286

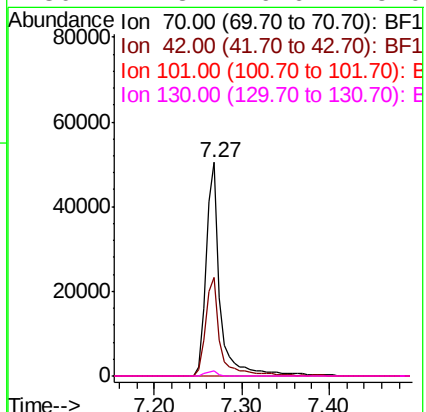
Ion Ratio Lower Upper

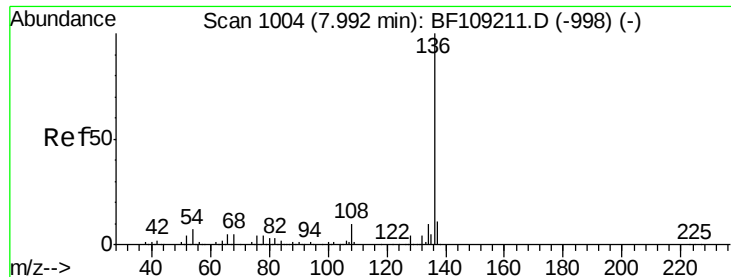
70 100

42 46.1 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109561.D

Acq: 3 Oct 2018 21:48

Instrument :

BNA_F

ClientSampleId :

100118-JETT-E-U-B

Tgt Ion:136 Resp: 224422

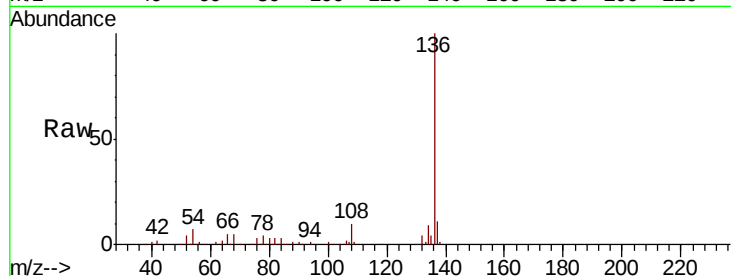
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 6.6 9.8

68 5.4 5.0 7.4

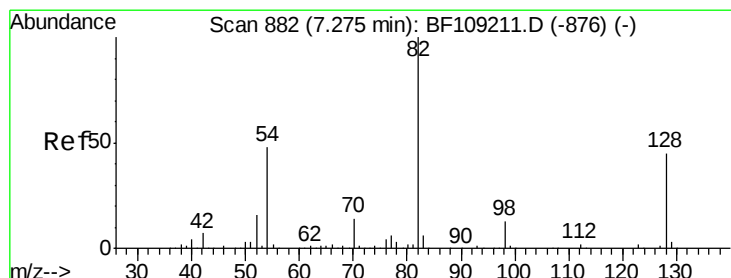
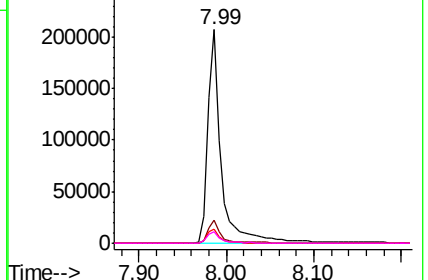
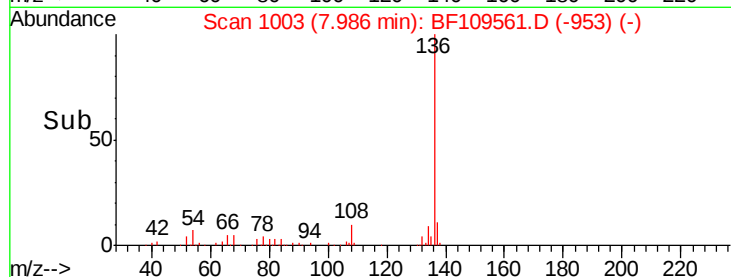


Abundance Ion 136.00 (135.70 to 136.70): E

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: 111.544 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109561.D

Acq: 3 Oct 2018 21:48

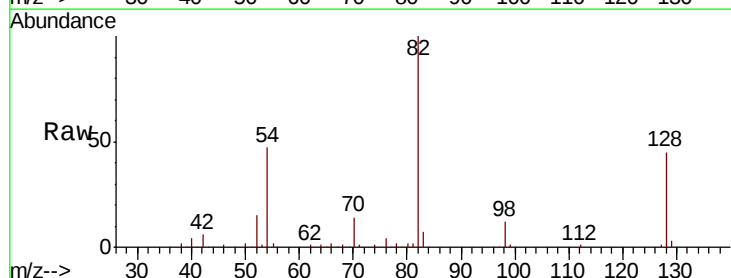
Tgt Ion: 82 Resp: 424060

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

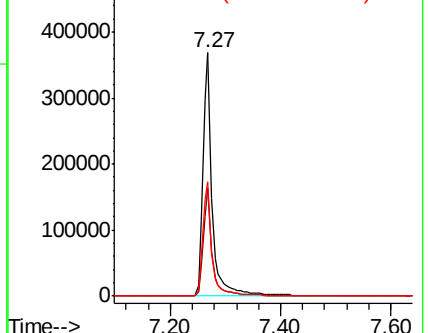
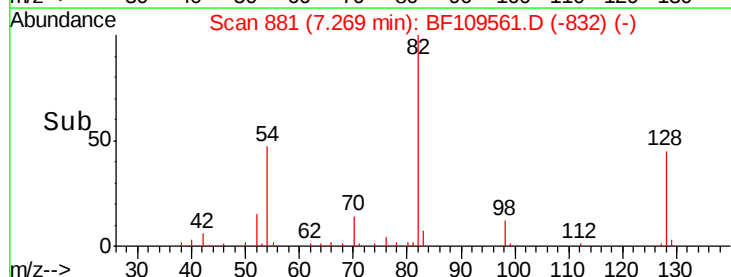
54 47.2 41.4 62.2

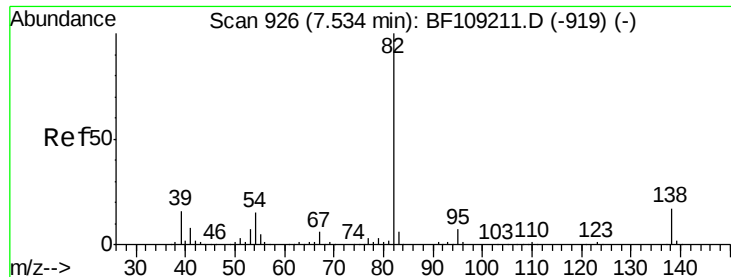


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

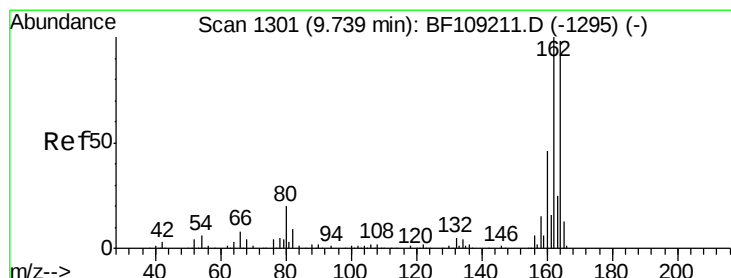
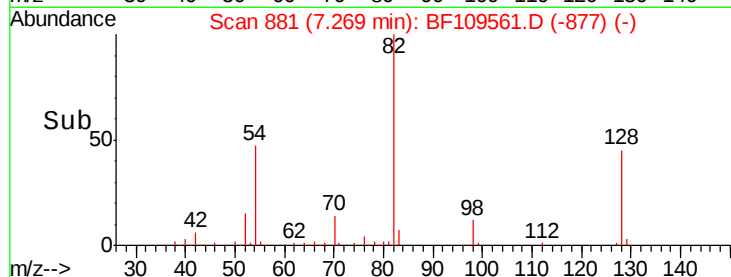
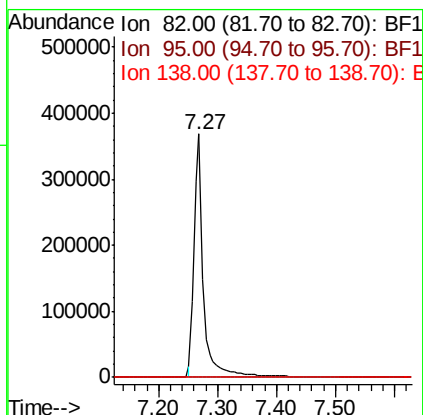
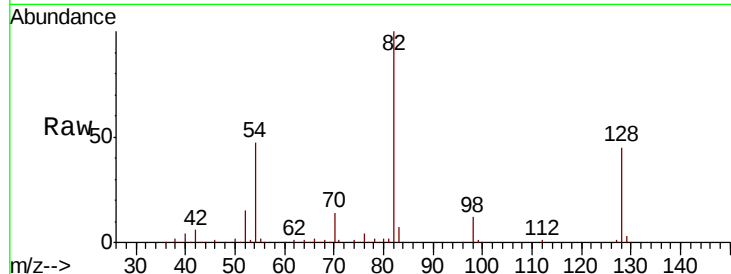




#25
Isophorone
Concen: 59.758 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109561.D
Acq: 3 Oct 2018 21:48

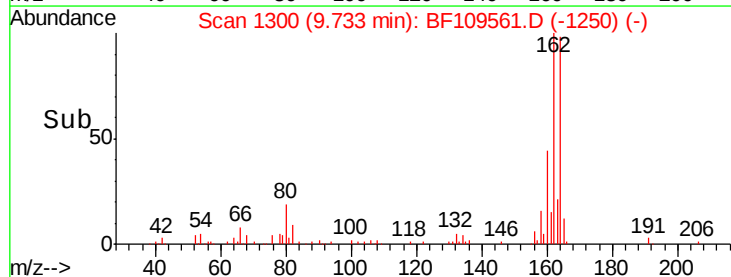
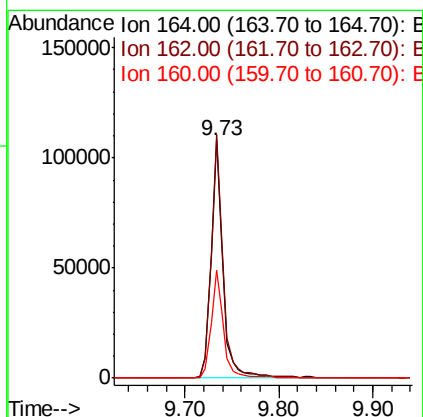
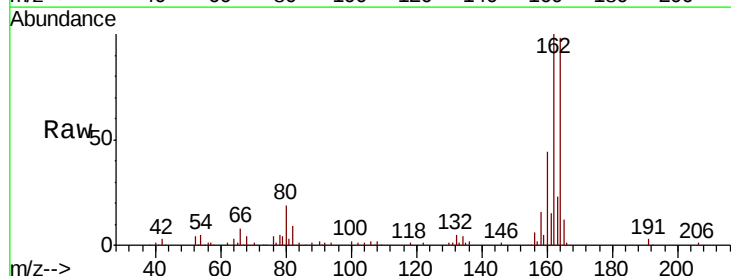
Instrument :
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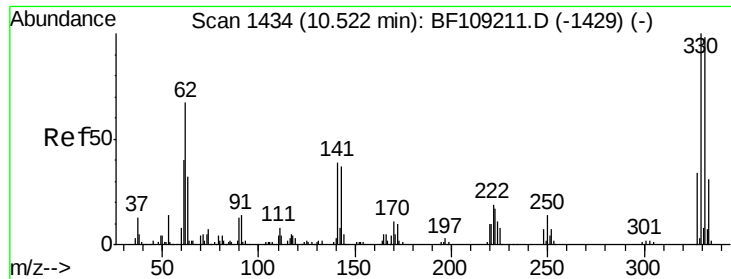
Tgt Ion: 82 Resp: 409099
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109561.D
Acq: 3 Oct 2018 21:48

Tgt Ion: 164 Resp: 97529
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 45.2 38.3 57.5

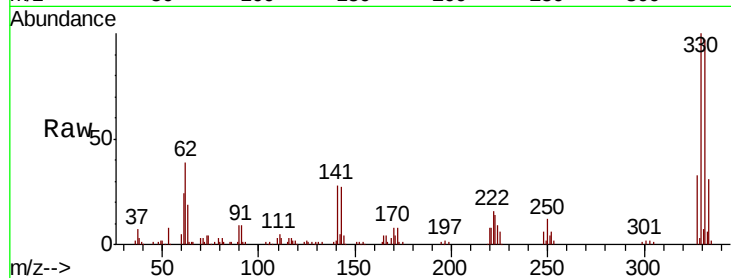




#41
 2,4,6-Tribromophenol
 Concen: 114.246 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109561.D
 Acq: 3 Oct 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.2	29.9	44.9

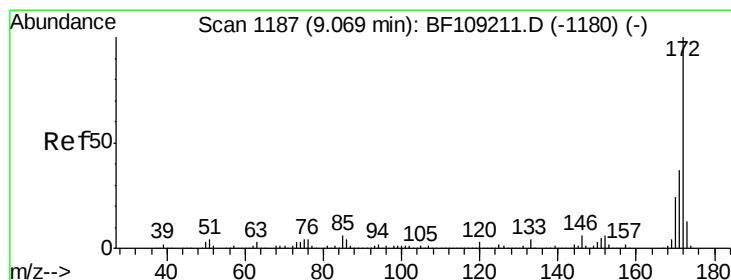
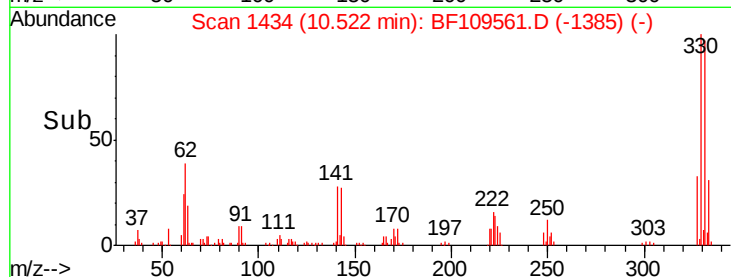
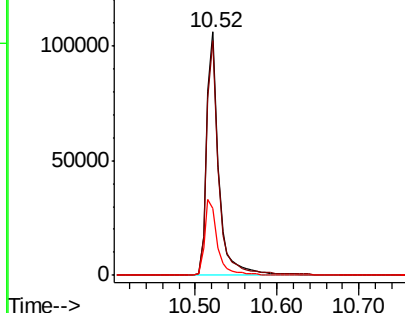


Abundance

Ion 329.80 (329.50 to 330.50): E

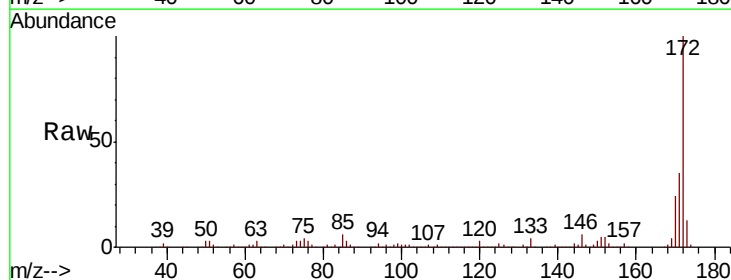
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 110.457 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109561.D
 Acq: 3 Oct 2018 21:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.9	19.6	29.4

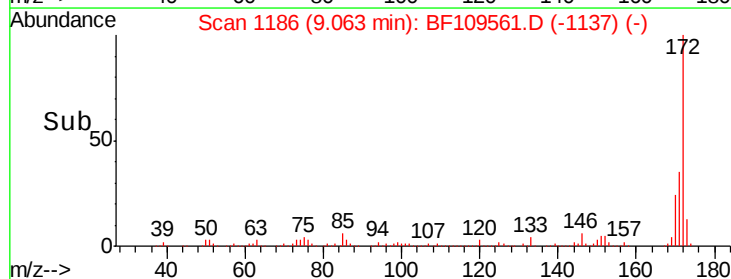
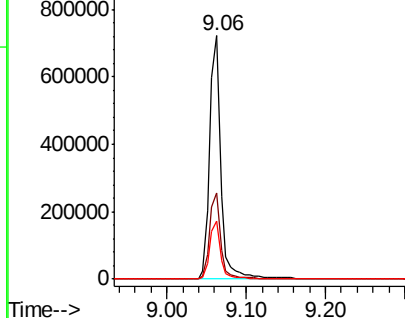


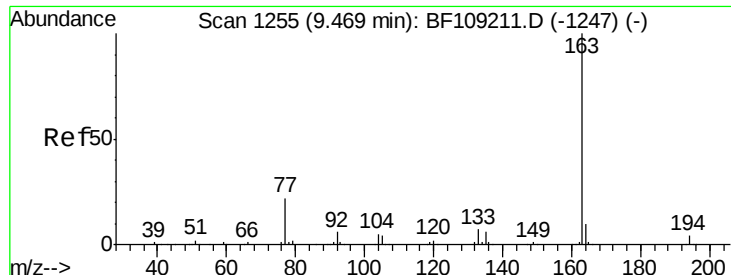
Abundance

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

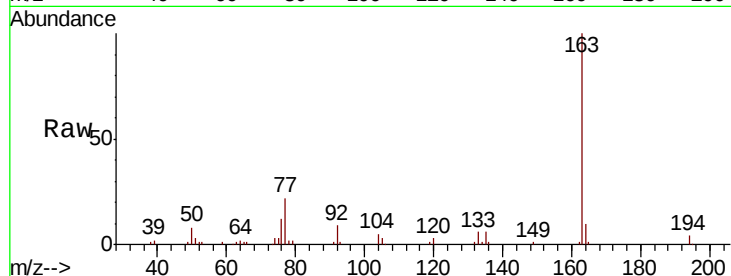




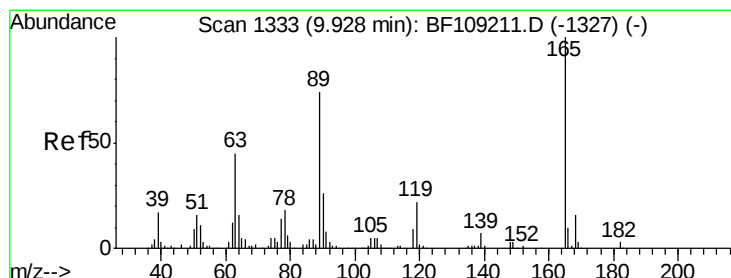
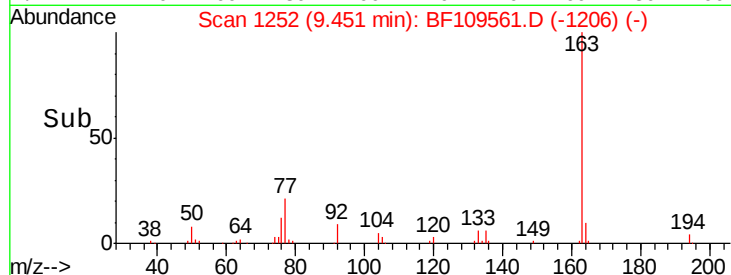
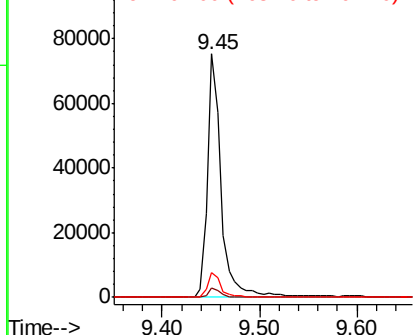
#49
Dimethylphthalate
Concen: 10.442 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109561.D
Acq: 3 Oct 2018 21:48

Instrument :
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ClientSampleId :
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Tgt Ion:163 Resp: 74072
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.2 8.2 12.2

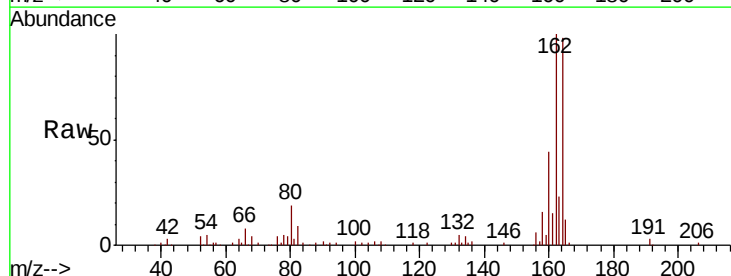


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

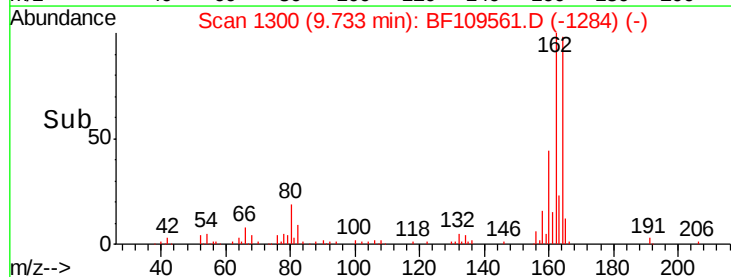
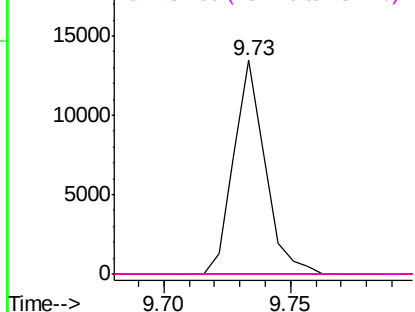


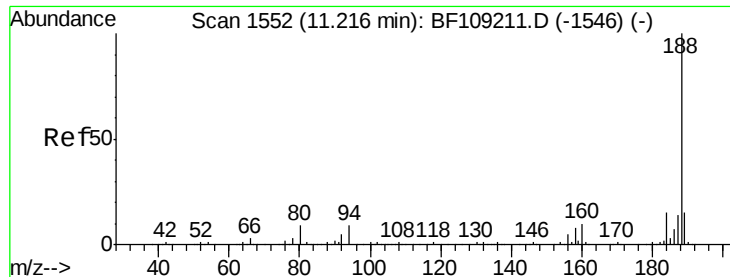
#56
2,4-Dinitrotoluene
Concen: 6.491 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109561.D
Acq: 3 Oct 2018 21:48

Tgt Ion:165 Resp: 11538
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 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

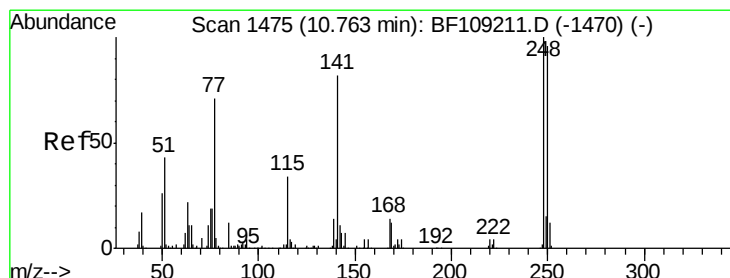
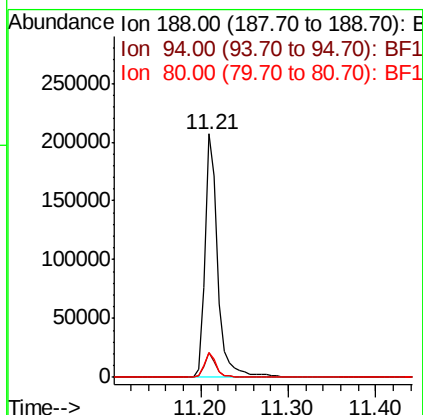
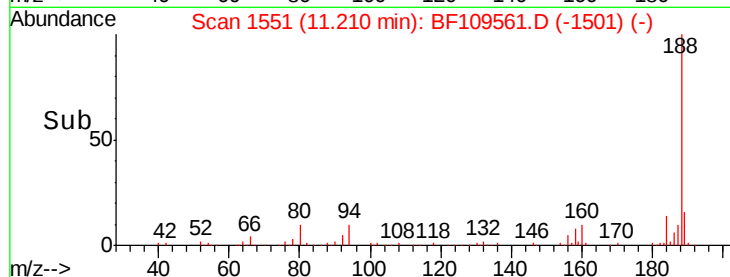
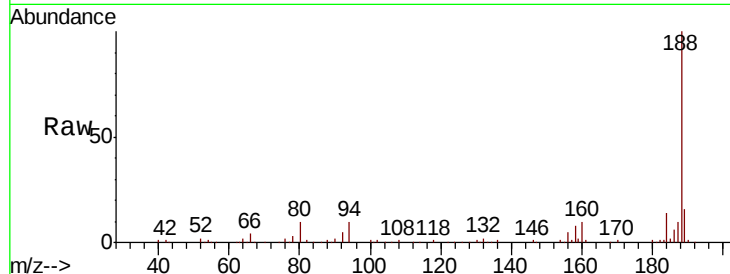




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109561.D
Acq: 3 Oct 2018 21:48

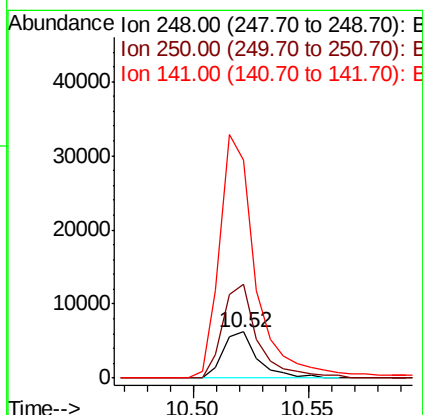
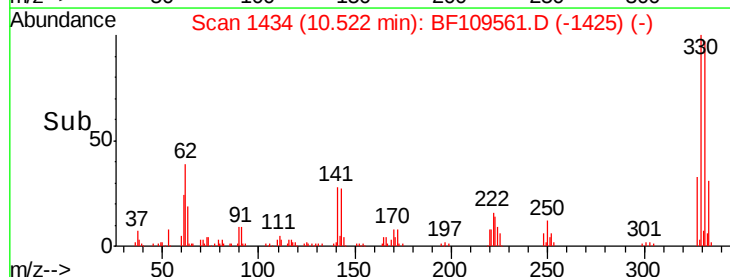
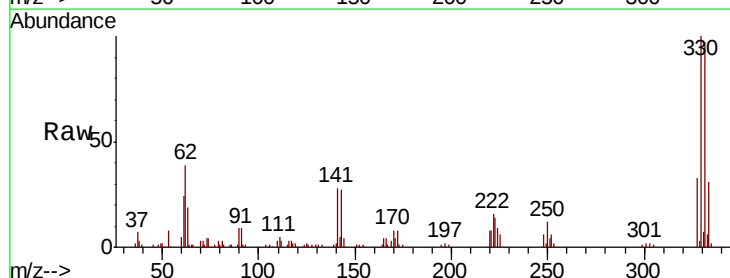
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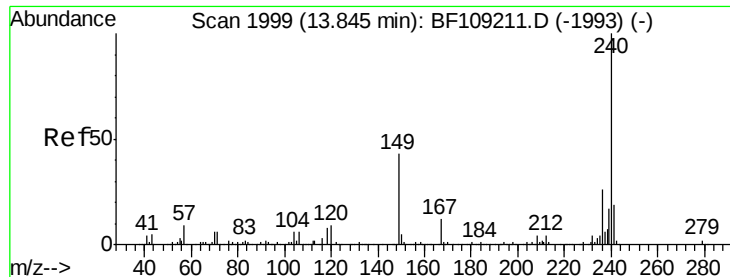
Tgt Ion:188 Resp: 209346
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.787 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109561.D
Acq: 3 Oct 2018 21:48

Tgt Ion:248 Resp: 6479
Ion Ratio Lower Upper
248 100
250 203.3 76.9 115.3#
141 474.5 74.4 111.6#

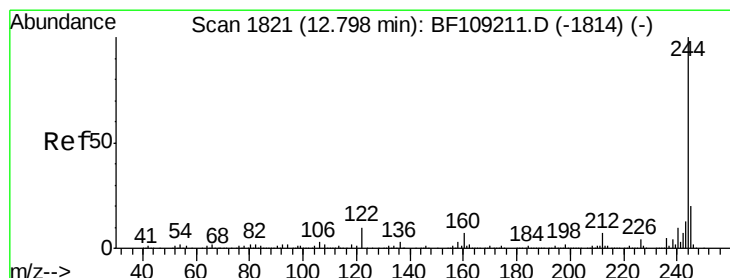
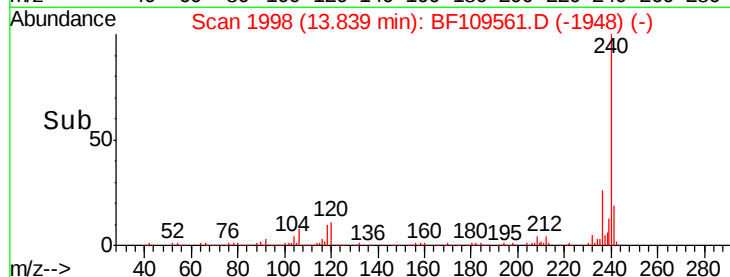
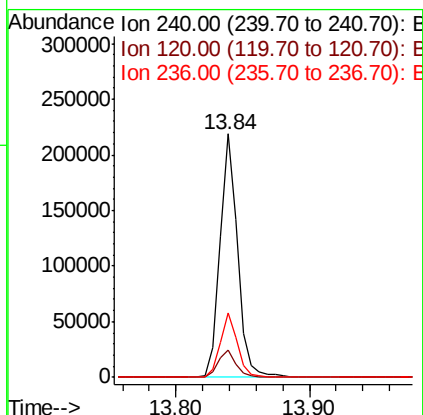
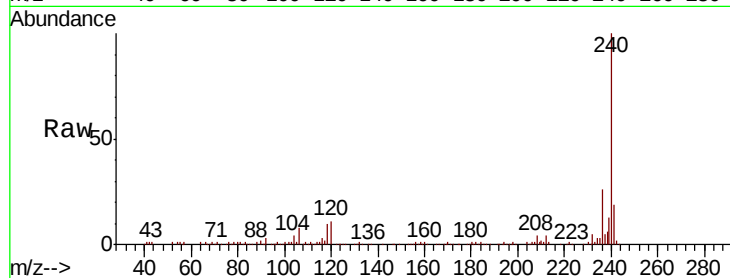




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109561.D
Acq: 3 Oct 2018 21:48

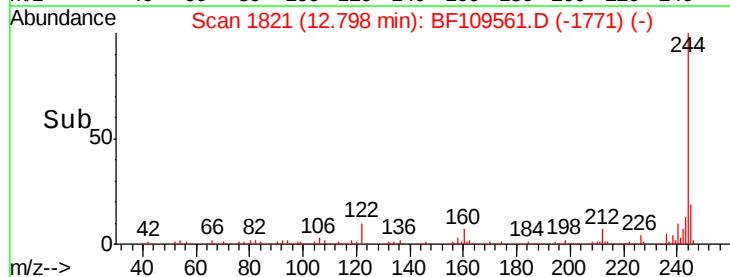
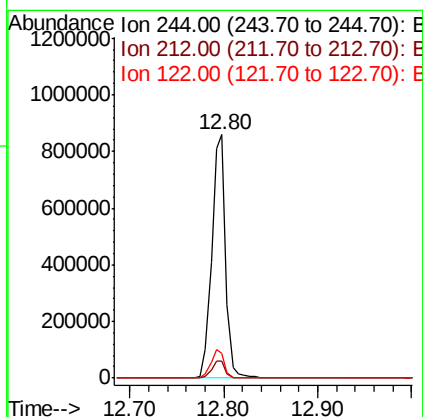
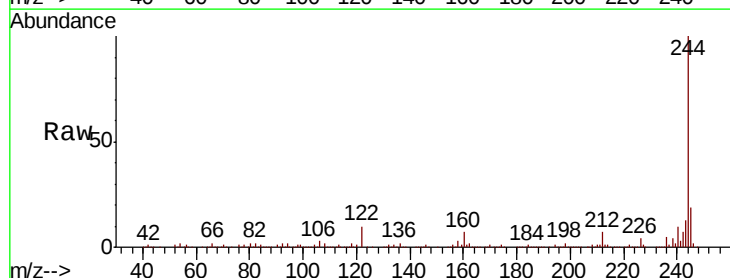
Instrument :
BNA_F
ClientSampleId :
100118-JETT-E-U-B

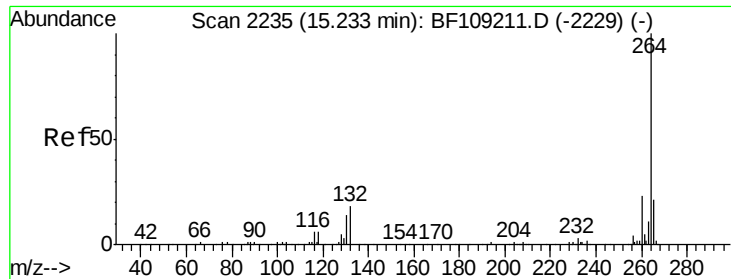
Tgt Ion:240 Resp: 205165
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 26.2 20.7 31.1



#78
Terphenyl-d14
Concen: 107.316 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109561.D
Acq: 3 Oct 2018 21:48

Tgt Ion:244 Resp: 897152
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.3 11.0 16.4#

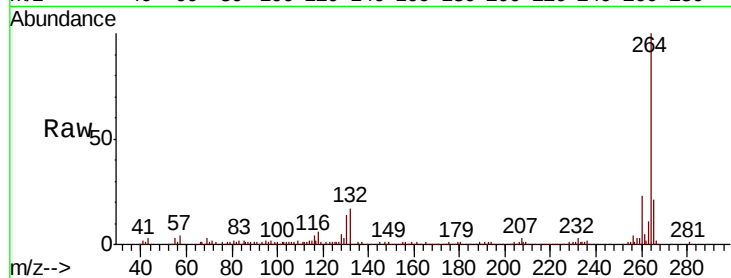




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109561.D
Acq: 3 Oct 2018 21:48

Instrument :
BNA_F
ClientSampleId :
100118-JETT-E-U-B

Tgt Ion: 264 Resp: 139083
Ion Ratio Lower Upper
264 100
260 23.0 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

