

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109461.D
 Acq On : 29 Sep 2018 5:59
 Operator : JU/SJ
 Sample : J5133-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-TIPC-F-U-S

Quant Time: Oct 01 03:09:45 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

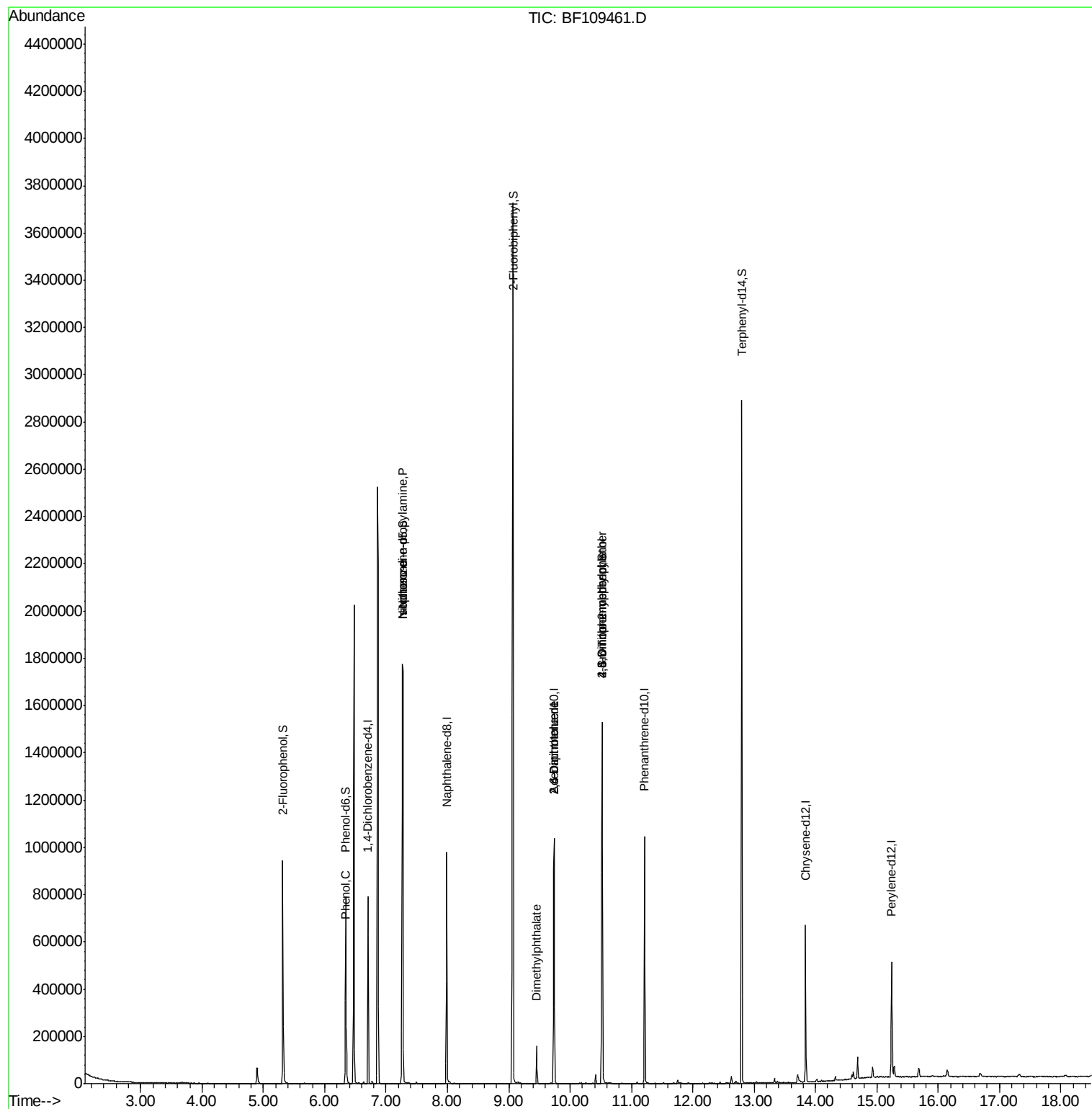
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	113613	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	418555	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	203025	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	367655	20.00	ng	0.00
75) Chrysene-d12	13.84	240	220866	20.00	ng	0.00
86) Perylene-d12	15.24	264	221482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	275924	40.00	ng	0.00
7) Phenol-d6	6.34	99	227597	25.86	ng	-0.02
23) Nitrobenzene-d5	7.27	82	718104	101.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	183321	91.60	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1224357	90.95	ng	0.00
78) Terphenyl-d14	12.80	244	1088863	120.99	ng	0.00
Target Compounds						
10) Phenol	6.35	94	39366	3.949	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	97695	16.939	ng	# 78
25) Isophorone	7.27	82	679251	53.200	ng	# 64
49) Dimethylphthalate	9.46	163	66142	4.479	ng	99
50) 2,6-Dinitrotoluene	9.74	165	25630	8.764	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	25630	6.926	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	254	6.669	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11276	2.762	ng	# 1

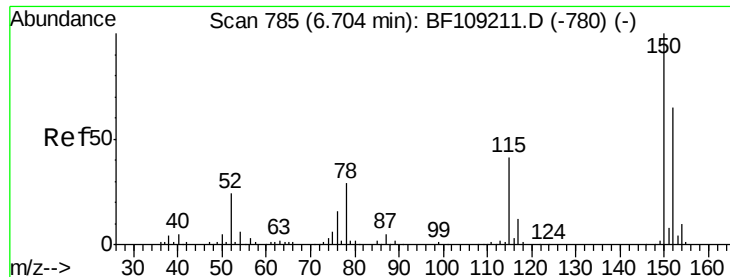
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF109461.D

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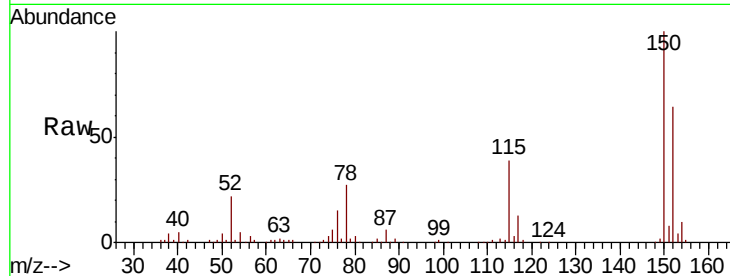
Tgt Ion:152 Resp: 113613

Ion Ratio Lower Upper

152 100

150 156.5 124.6 186.8

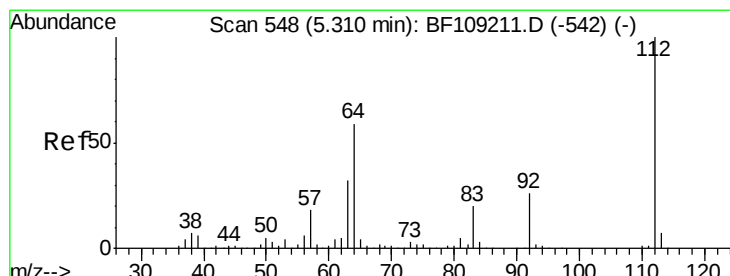
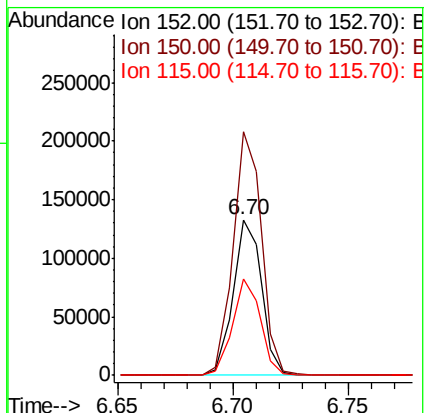
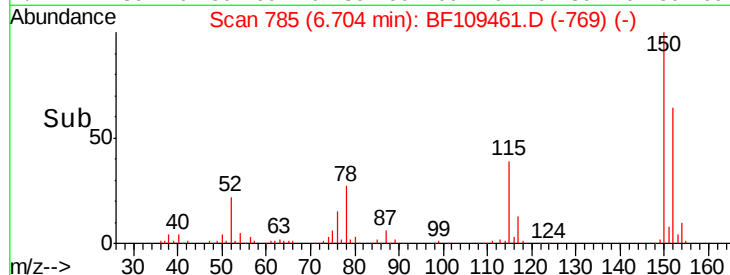
115 61.7 50.1 75.1



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: 40.001 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109461.D

Acq: 29 Sep 2018 5:59

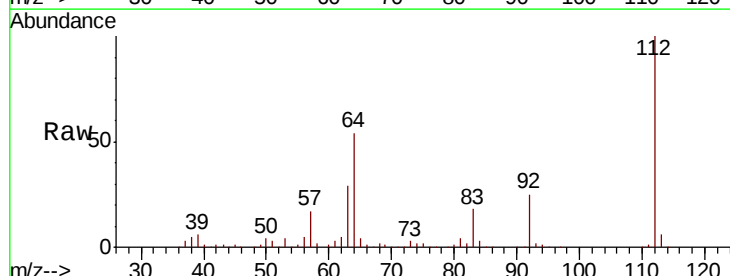
Tgt Ion:112 Resp: 275924

Ion Ratio Lower Upper

112 100

64 53.5 47.9 71.9

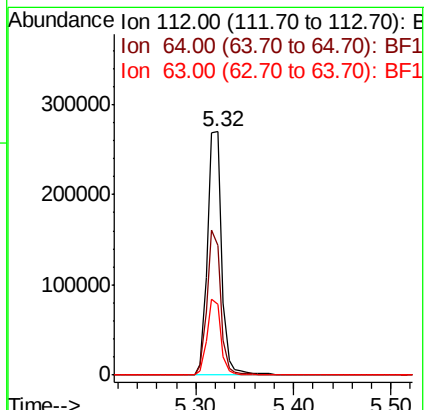
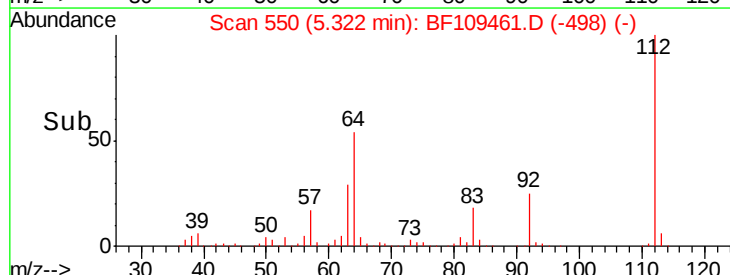
63 28.8 23.7 35.5

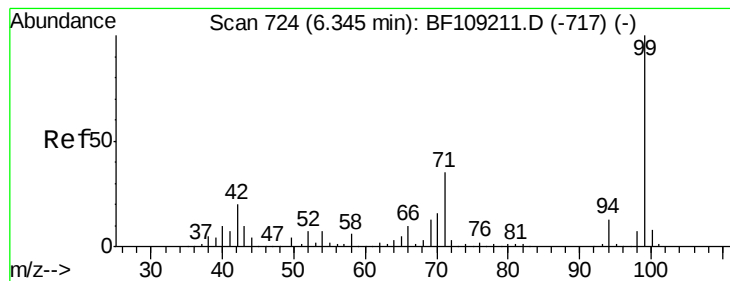


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.858 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109461.D

Acq: 29 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

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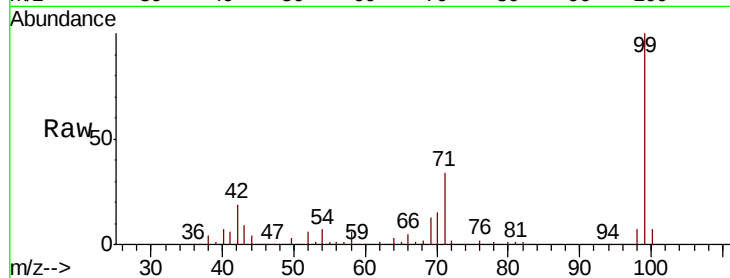
Tgt Ion: 99 Resp: 227597

Ion Ratio Lower Upper

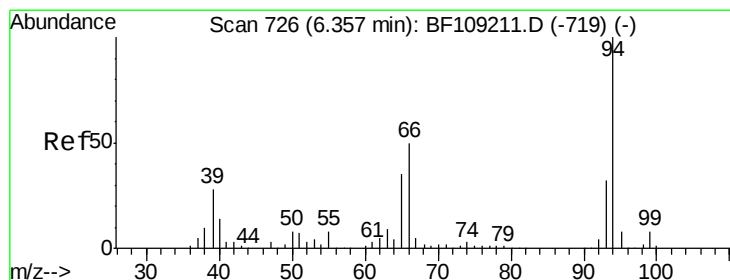
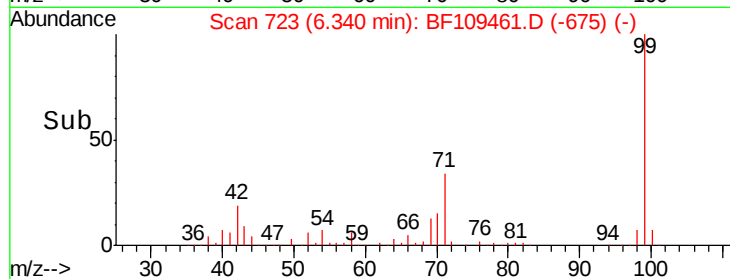
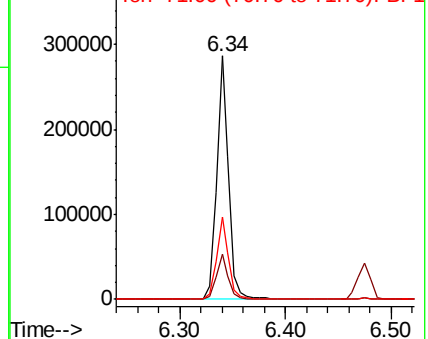
99 100

42 18.8 14.5 21.7

71 34.0 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



#10

Phenol

Concen: 3.949 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109461.D

Acq: 29 Sep 2018 5:59

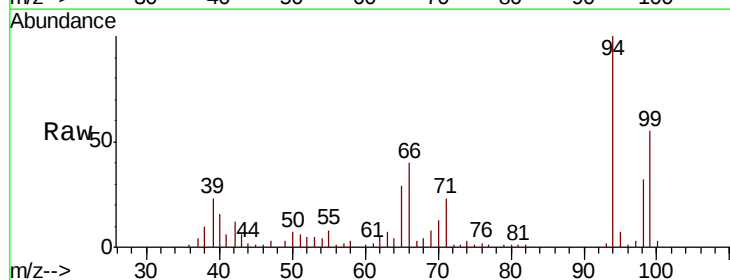
Tgt Ion: 94 Resp: 39366

Ion Ratio Lower Upper

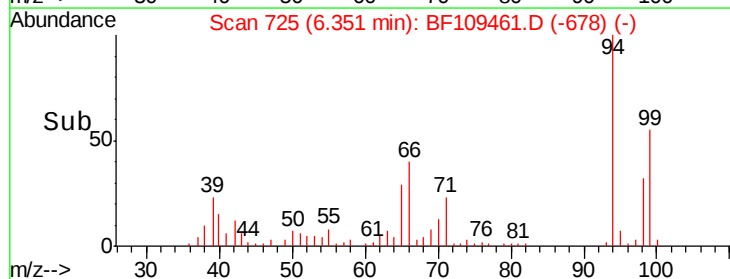
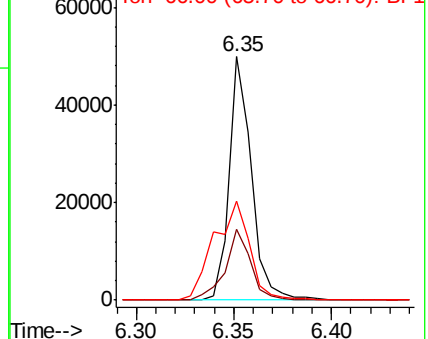
94 100

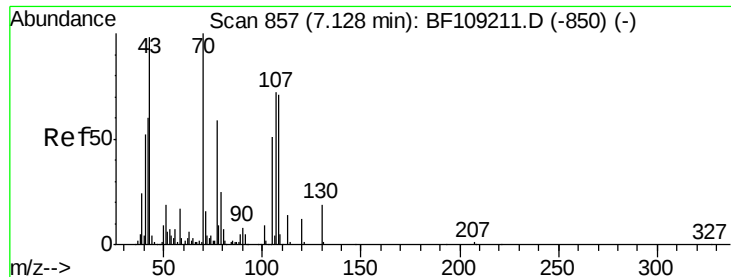
65 28.9 7.9 47.9

66 40.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

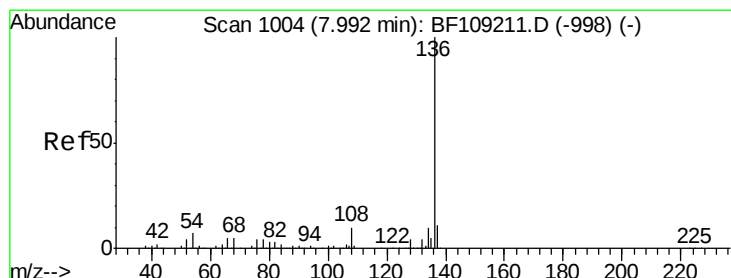
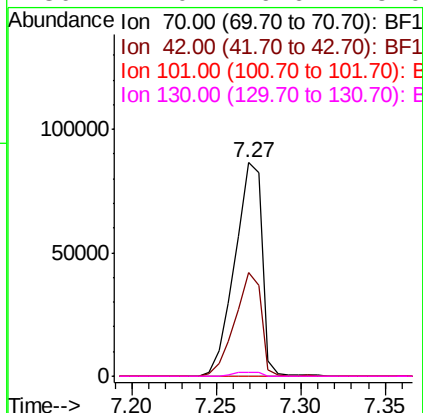
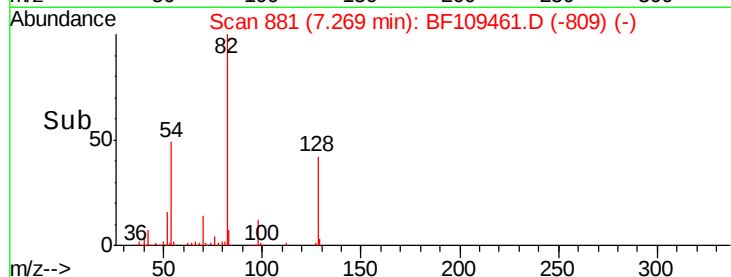
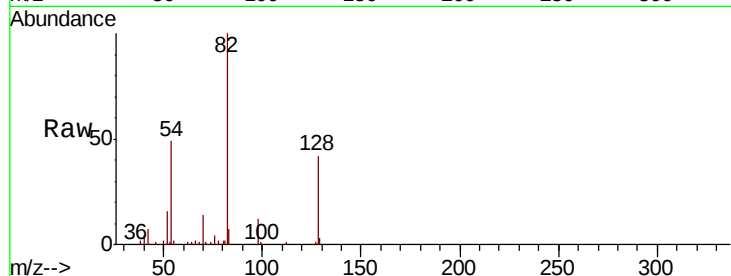




#19
n-Nitroso-di-n-propylamine
Concen: 16.939 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109461.D
Acq: 29 Sep 2018 5:59

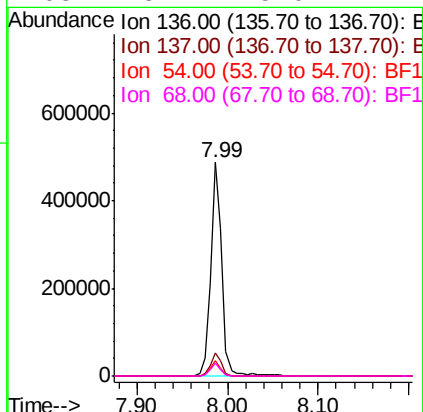
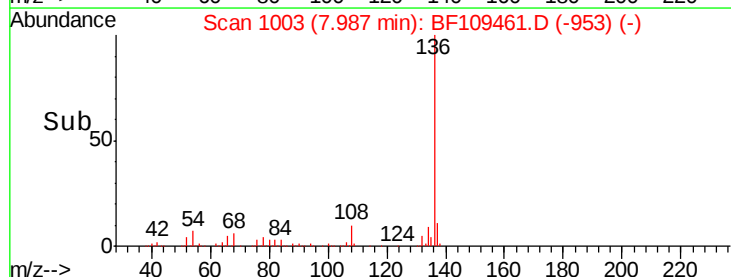
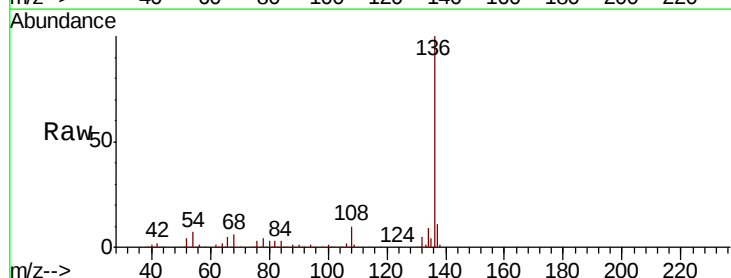
Instrument :
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ClientSampleId :
092618-TIPC-F-U-S

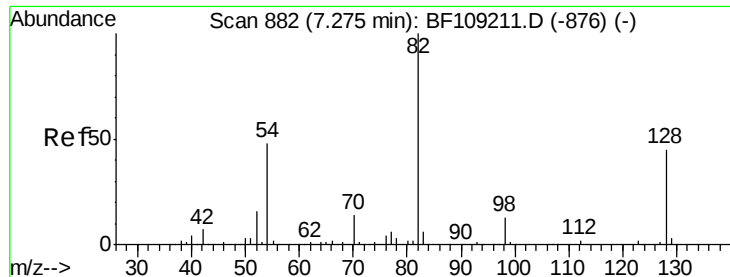
Tgt Ion:	70	Resp:	97695
Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109461.D
Acq: 29 Sep 2018 5:59

Tgt Ion:	136	Resp:	418555
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	5.7	5.0	7.4

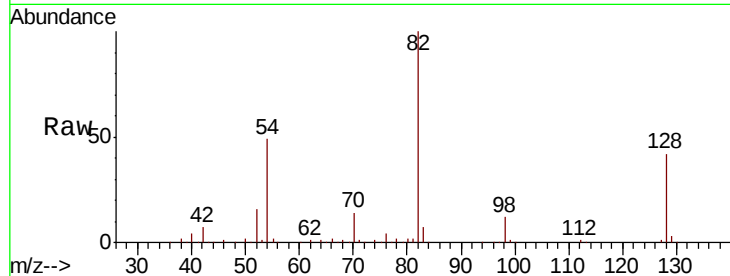




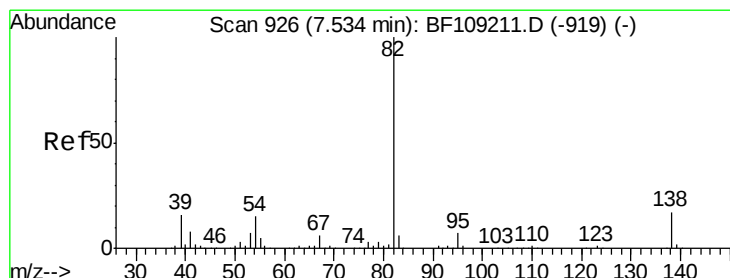
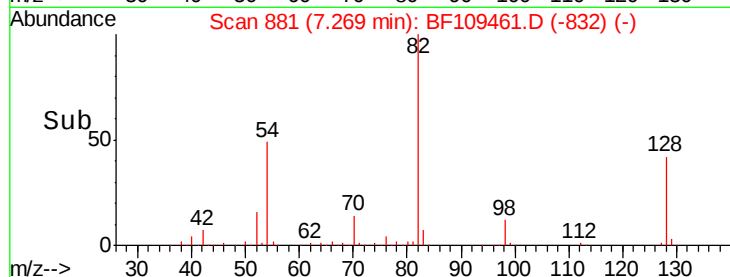
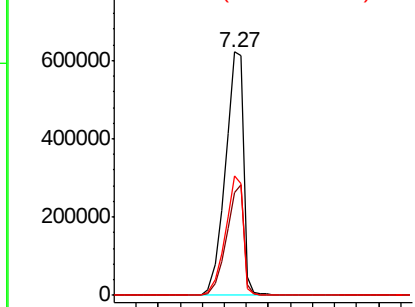
#23
 Nitrobenzene-d5
 Concen: 101.279 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109461.D
 Acq: 29 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 092618-TIPC-F-U-S

Tgt Ion: 82 Resp: 718104
 Ion Ratio Lower Upper
 82 100
 128 42.4 36.1 54.1
 54 49.3 41.4 62.2

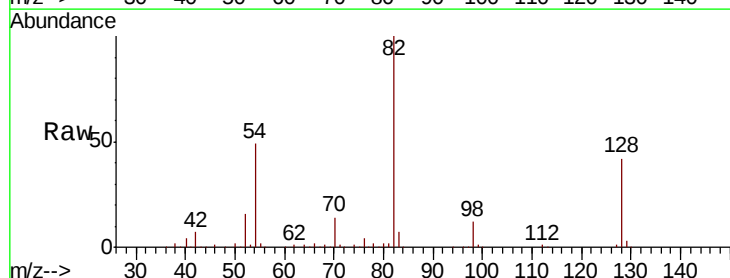


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

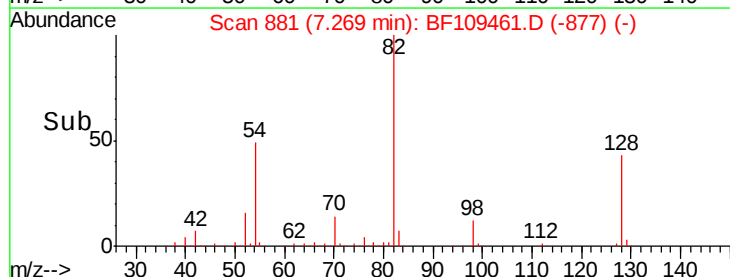
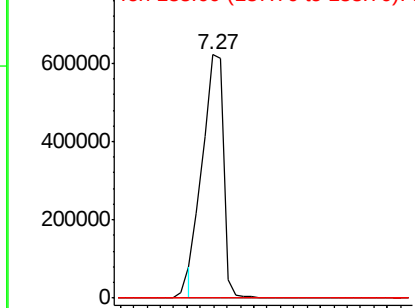


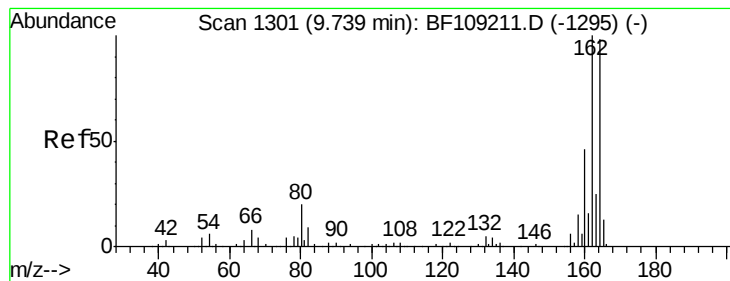
#25
 Isophorone
 Concen: 53.200 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109461.D
 Acq: 29 Sep 2018 5:59

Tgt Ion: 82 Resp: 679251
 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: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109461.D

Acq: 29 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-U-S

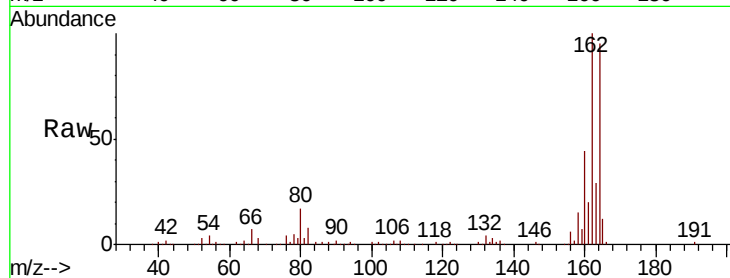
Tgt Ion:164 Resp: 203025

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

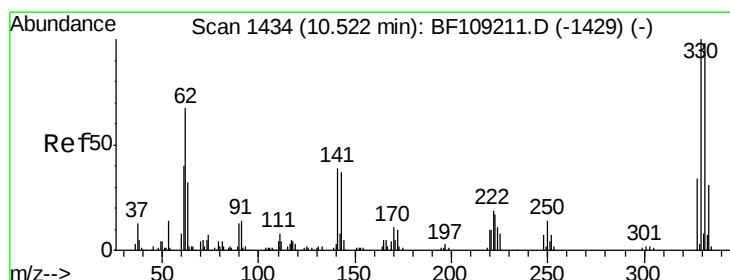
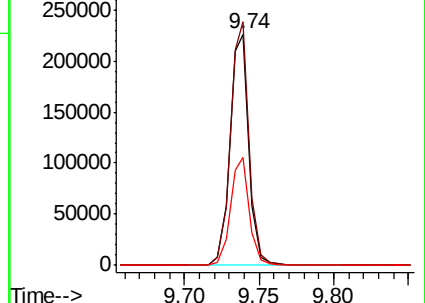
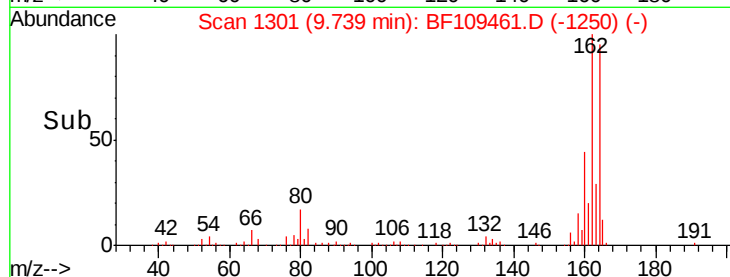
160 46.9 38.3 57.5



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: 91.596 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109461.D

Acq: 29 Sep 2018 5:59

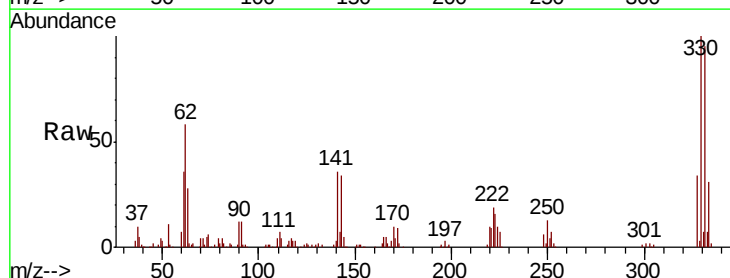
Tgt Ion:330 Resp: 183321

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

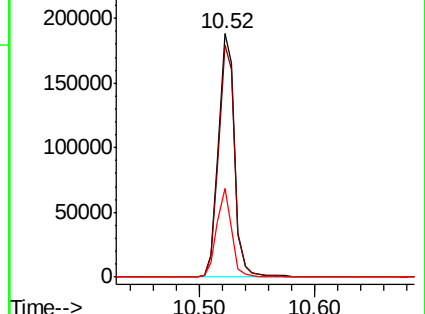
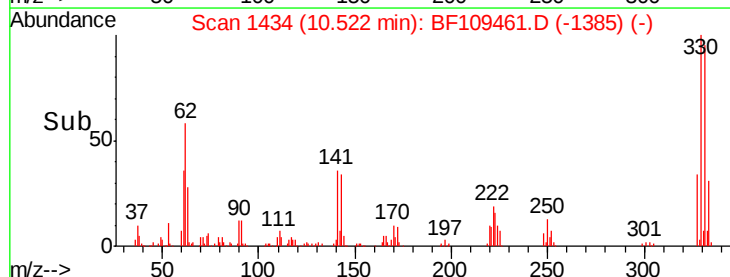
141 33.1 29.9 44.9

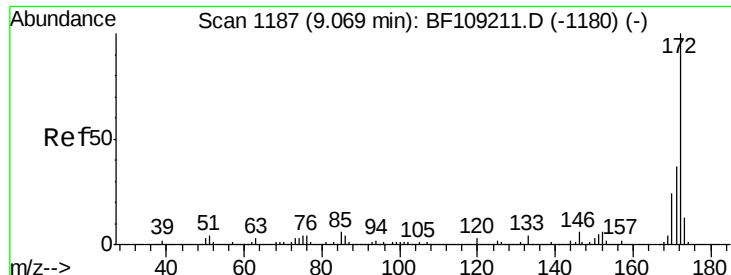


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

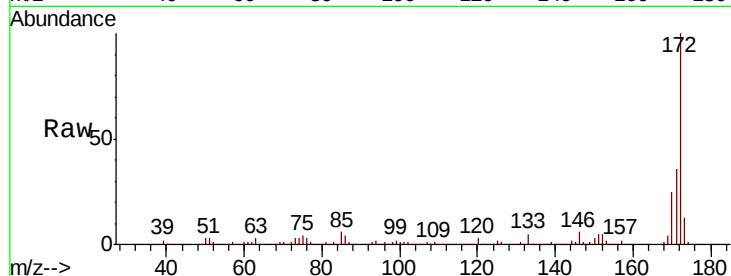




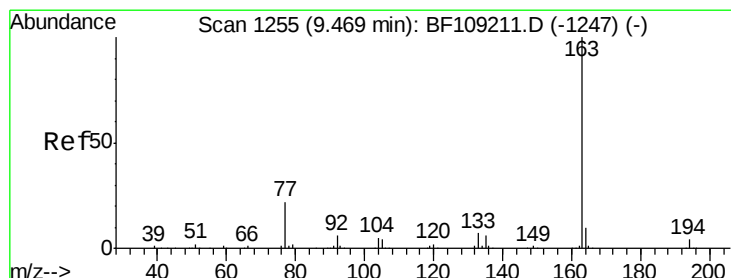
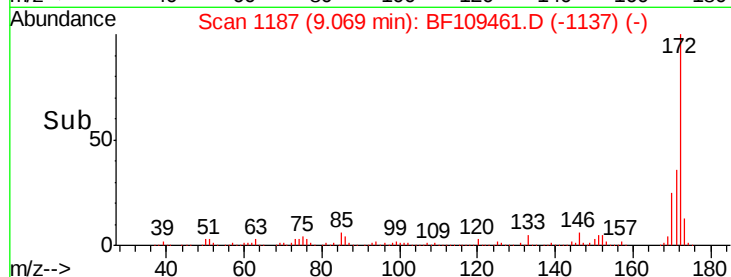
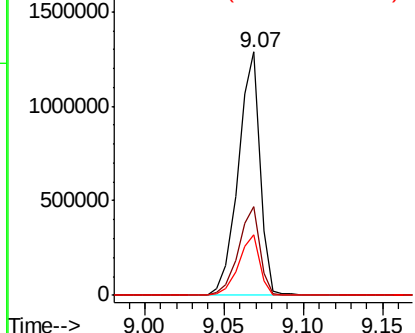
#44
 2-Fluorobiphenyl
 Concen: 90.953 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109461.D
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Tgt Ion:172 Resp: 1224357
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.6 19.6 29.4

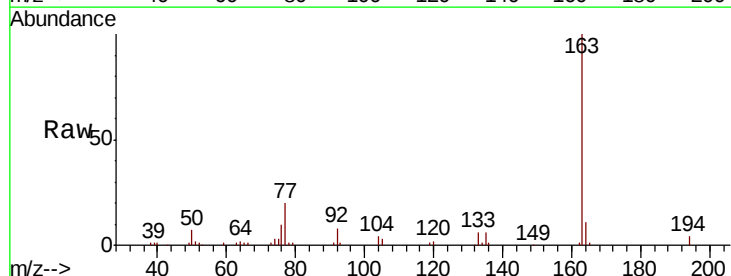


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

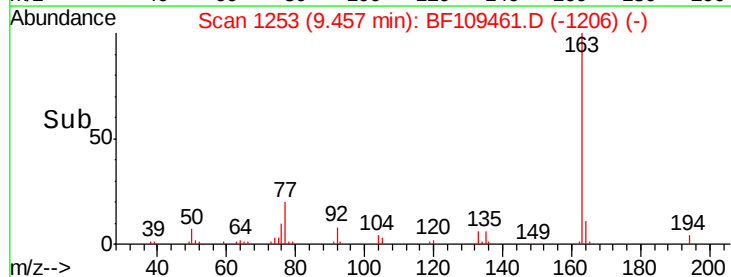
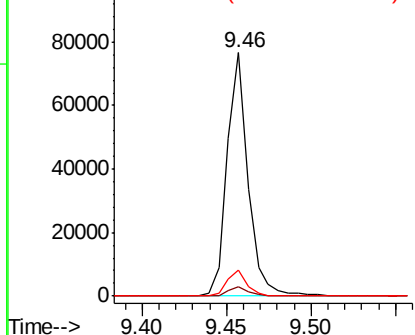


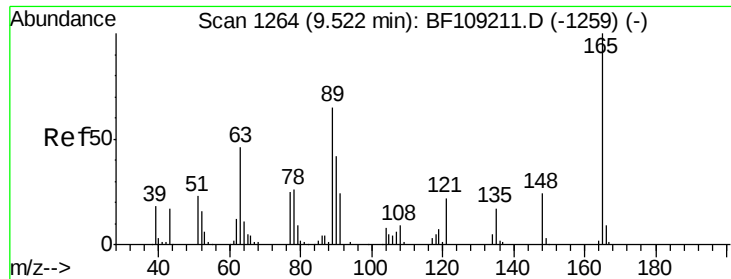
#49
 Dimethylphthalate
 Concen: 4.479 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109461.D
 Acq: 29 Sep 2018 5:59

Tgt Ion:163 Resp: 66142
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 10.7 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

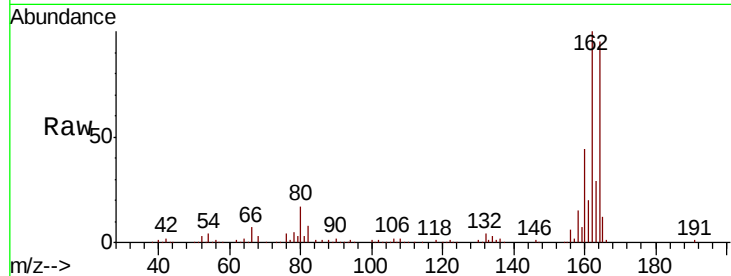




#50
 2,6-Dinitrotoluene
 Concen: 8.764 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF109461.D
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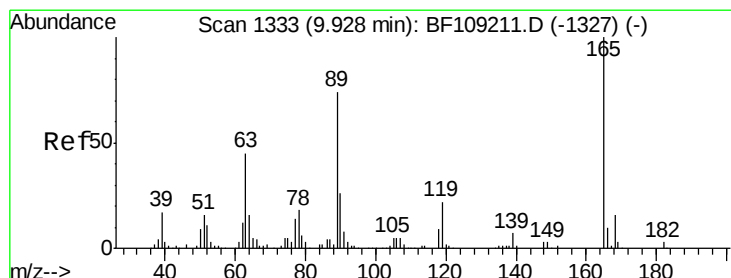
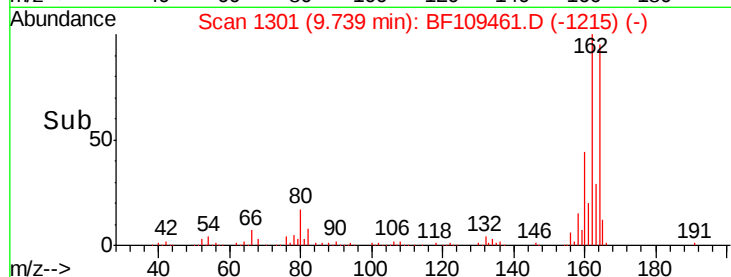
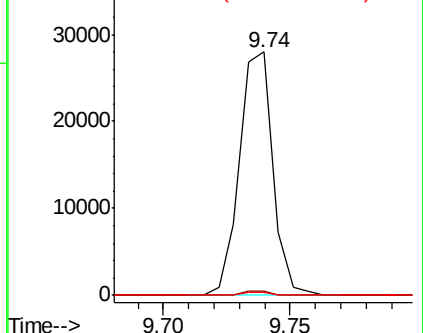
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.5	44.0	66.0#



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: 6.926 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109461.D
 Acq: 29 Sep 2018 5:59

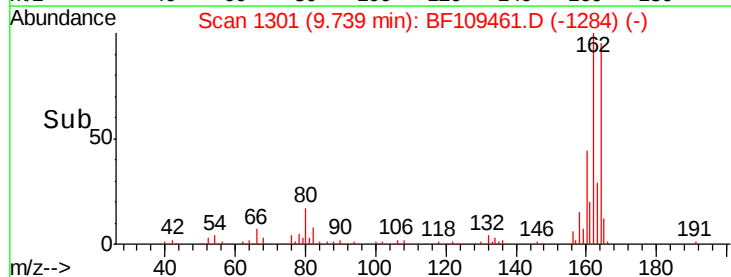
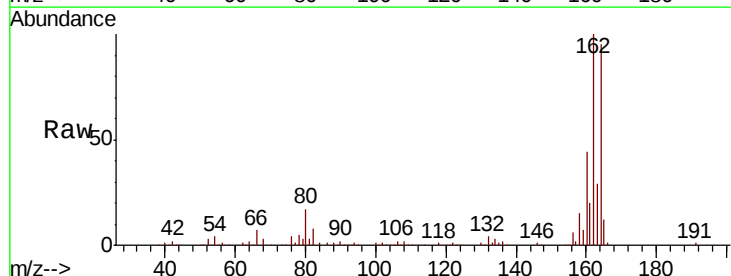
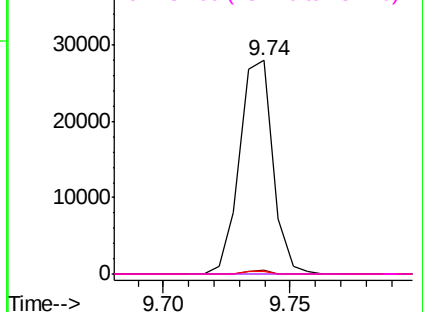
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

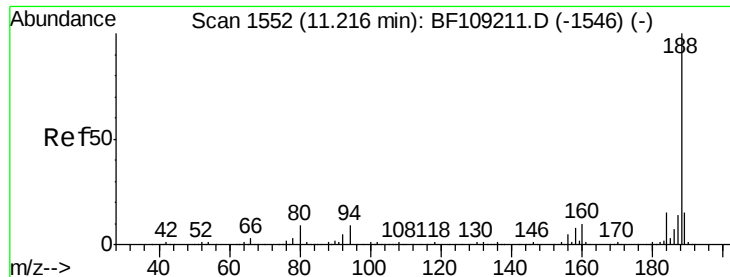
Abundance Ion 165.00 (164.70 to 165.70): E

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

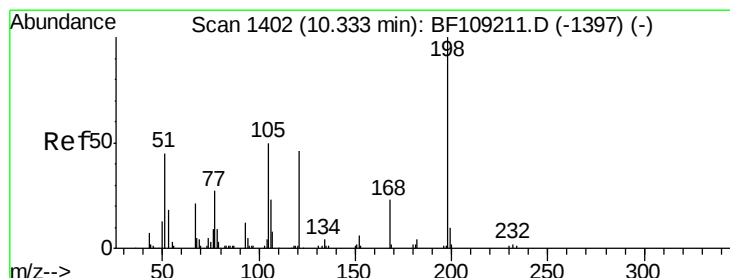
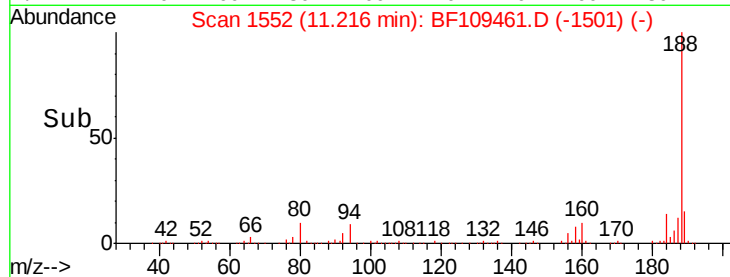
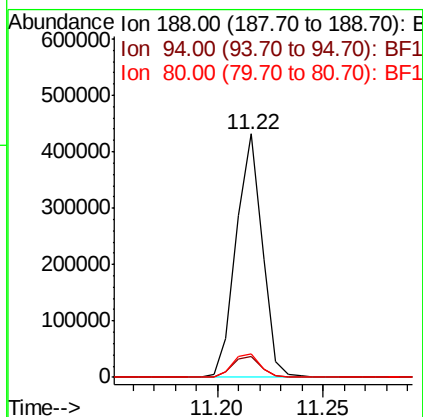
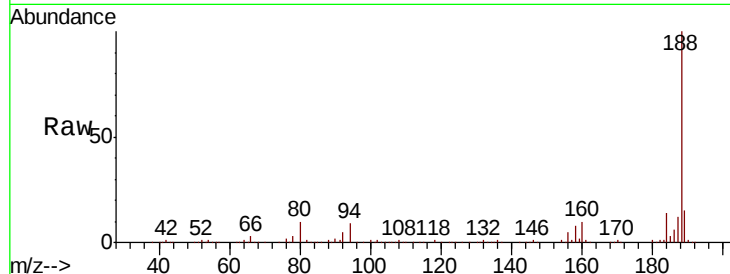




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109461.D
 Acq: 29 Sep 2018 5:59

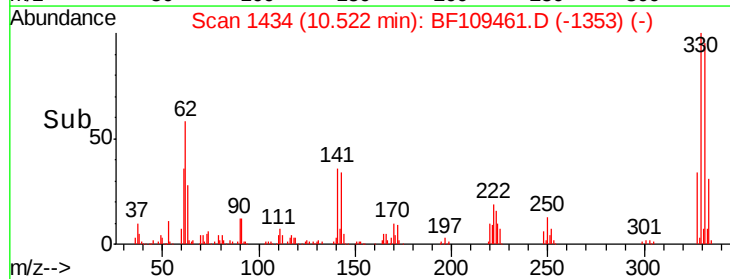
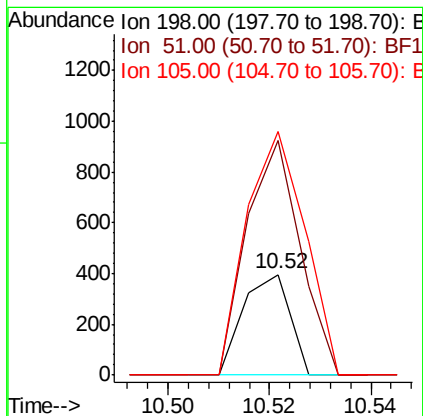
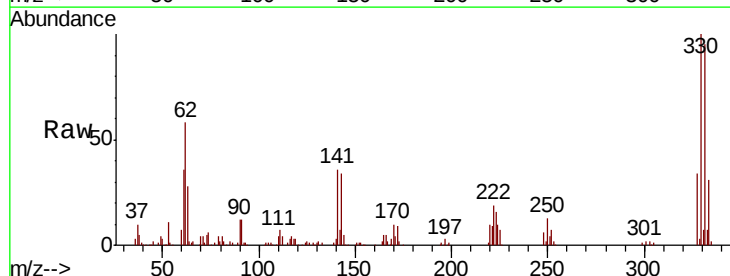
Instrument :
 BNA_F
 ClientSampleId :
 092618-TIPC-F-U-S

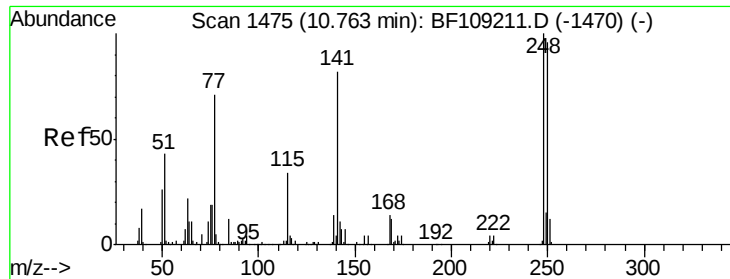
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	367655		
94	8.6		8.5	12.7
80	9.5		9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.669 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109461.D
 Acq: 29 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	254		
51	233.4		37.7	77.7#
105	242.8		36.3	76.3#

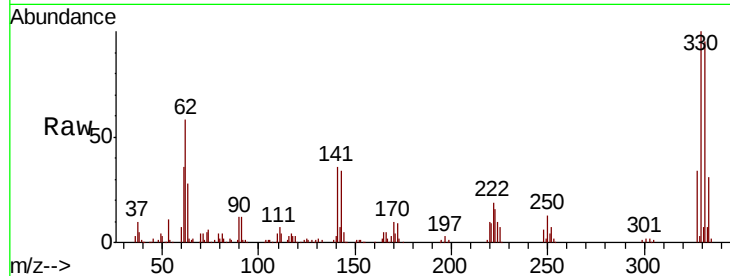




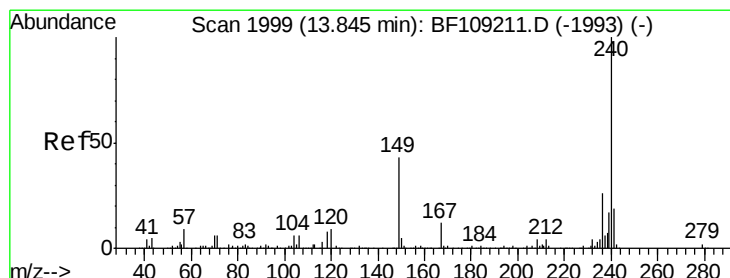
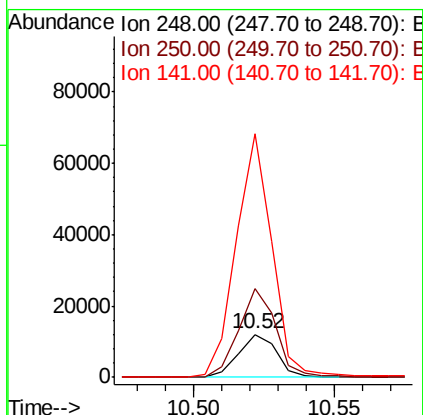
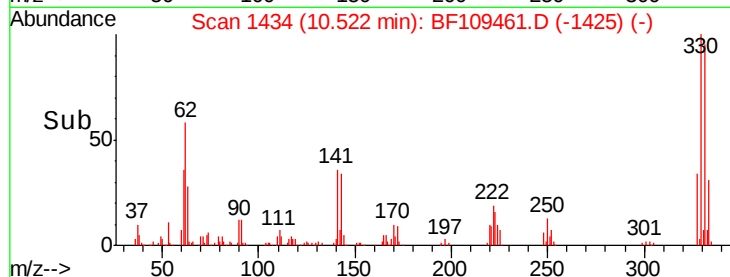
#66
 4-Bromophenyl-phenylether
 Concen: 2.762 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109461.D
 Acq: 29 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 092618-TIPC-F-U-S

Tgt Ion:248 Resp: 11276
 Ion Ratio Lower Upper
 248 100
 250 208.3 76.9 115.3#
 141 569.1 74.4 111.6#

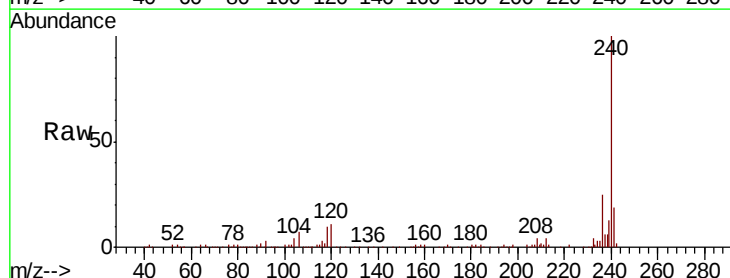


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

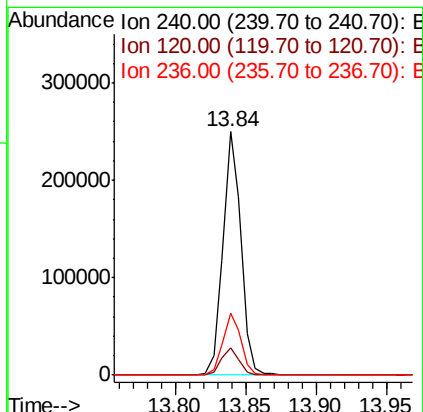
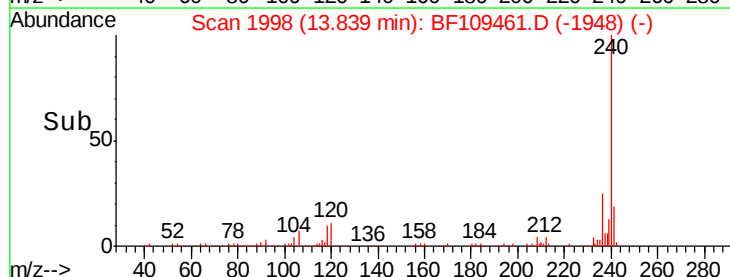


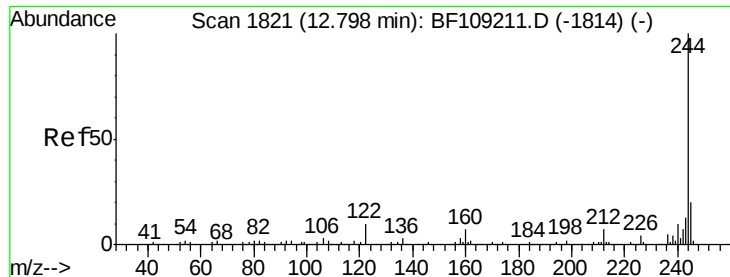
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109461.D
 Acq: 29 Sep 2018 5:59

Tgt Ion:240 Resp: 220866
 Ion Ratio Lower Upper
 240 100
 120 11.1 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: 120.990 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109461.D

Acq: 29 Sep 2018 5:59

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-U-S

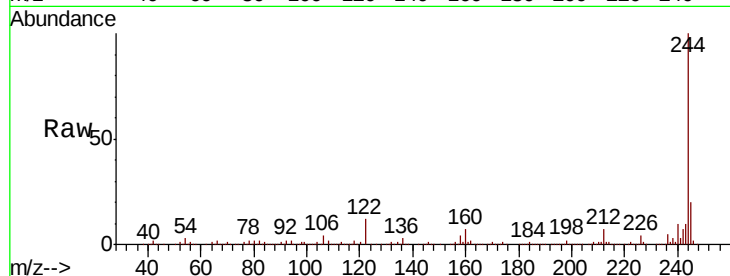
Tgt Ion:244 Resp: 1088863

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

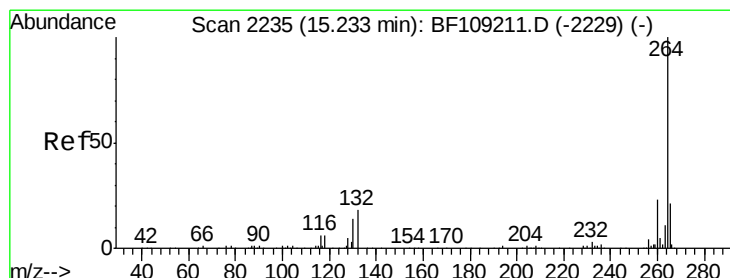
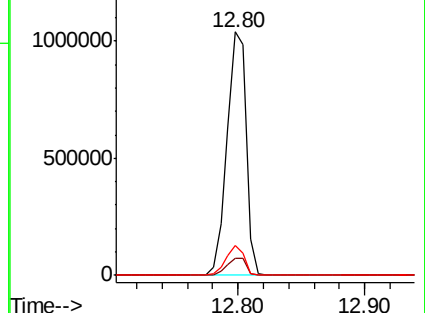
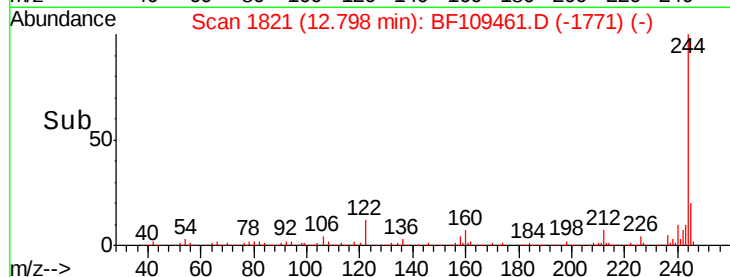
122 12.2 11.0 16.4



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: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109461.D

Acq: 29 Sep 2018 5:59

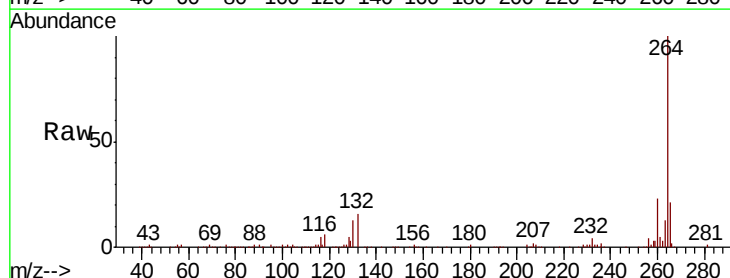
Tgt Ion:264 Resp: 221482

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.1 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

