

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109414.D
 Acq On : 28 Sep 2018 4:51
 Operator : JU/SJ
 Sample : J5076-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-D-B

Quant Time: Sep 28 07:09:42 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

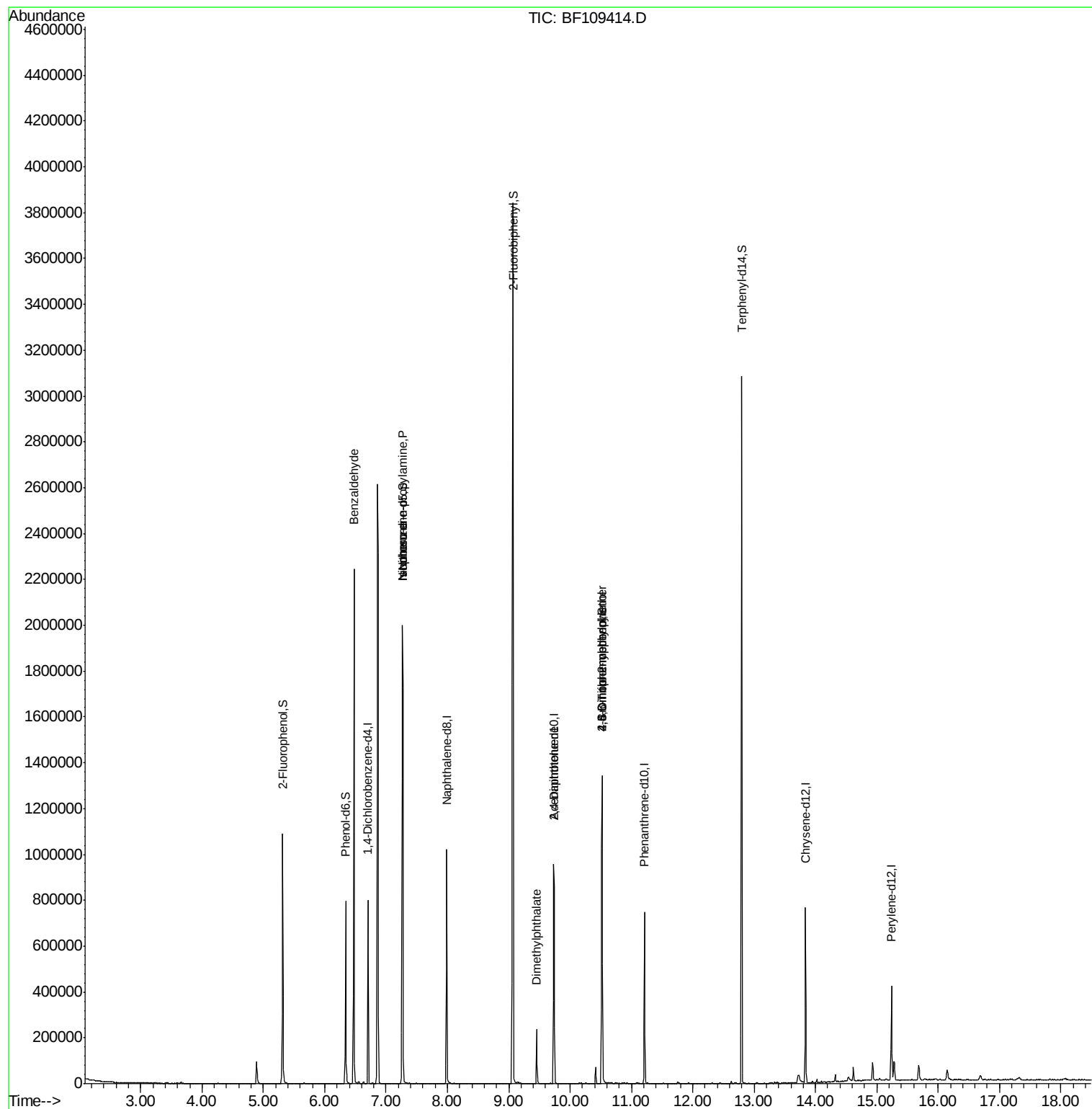
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	111497	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	416601	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	187119	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	297919	20.00	ng	0.00
75) Chrysene-d12	13.84	240	251393	20.00	ng	0.00
86) Perylene-d12	15.24	264	191330	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	296512	43.80	ng	0.00
7) Phenol-d6	6.34	99	235333	27.24	ng	-0.02
23) Nitrobenzene-d5	7.27	82	764401	108.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	160710	87.12	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1254871	101.14	ng	0.00
78) Terphenyl-d14	12.80	244	1005746	98.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	12524	2.257	ng	# 72
19) n-Nitroso-di-n-propylamine	7.27	70	104232	18.415	ng	# 77
25) Isophorone	7.27	82	729095	57.372	ng	# 64
49) Dimethylphthalate	9.46	163	97932	7.196	ng	100
56) 2,4-Dinitrotoluene	9.73	165	23247	6.816	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	297	6.735	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9465	2.861	ng	# 1

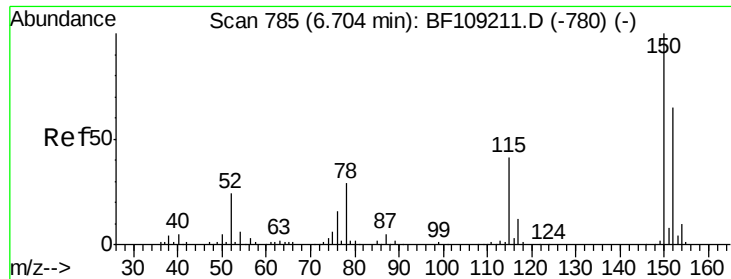
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF109414.D

Acq: 28 Sep 2018 4:51

Instrument :

BNA_F

ClientSampleId :

092418-TIPC-F-D-B

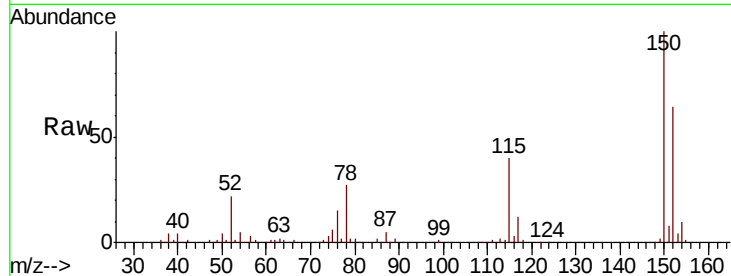
Tgt Ion:152 Resp: 111497

Ion Ratio Lower Upper

152 100

150 157.4 124.6 186.8

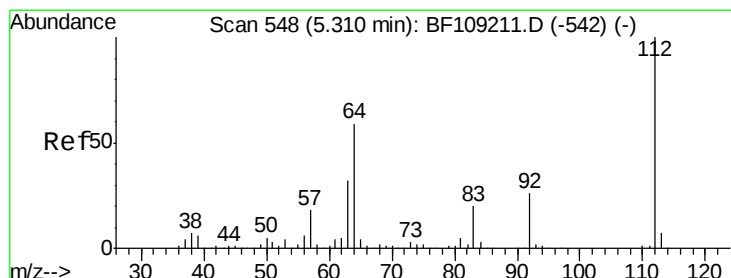
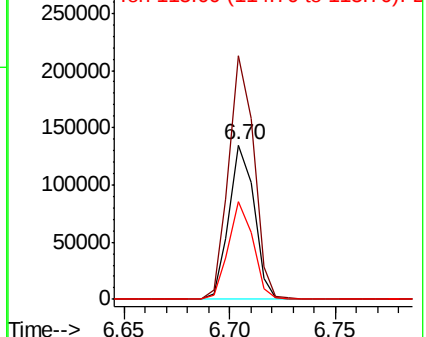
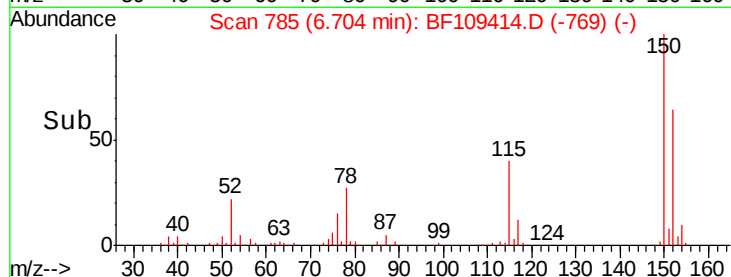
115 63.4 50.1 75.1



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



#5

2-Fluorophenol

Concen: 43.802 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF109414.D

Acq: 28 Sep 2018 4:51

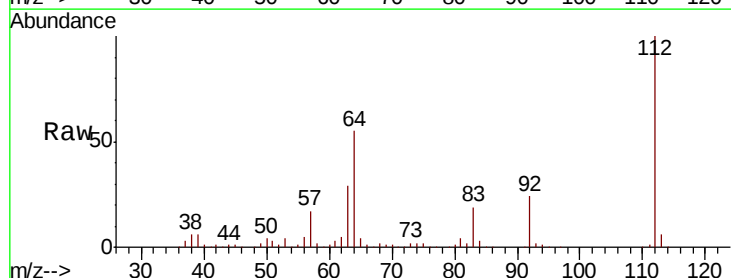
Tgt Ion:112 Resp: 296512

Ion Ratio Lower Upper

112 100

64 54.6 47.9 71.9

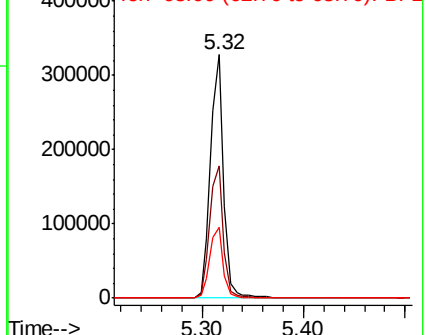
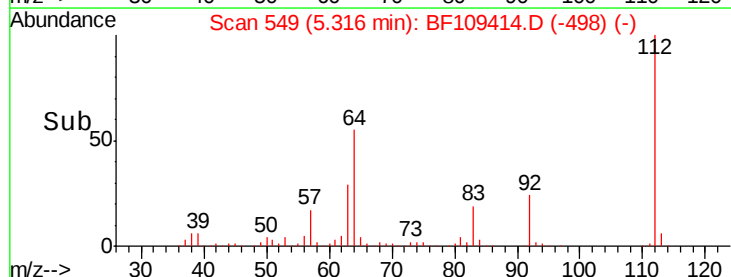
63 29.1 23.7 35.5



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: 27.244 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109414.D

Acq: 28 Sep 2018 4:51

Instrument :

BNA_F

ClientSampleId :

092418-TIPC-F-D-B

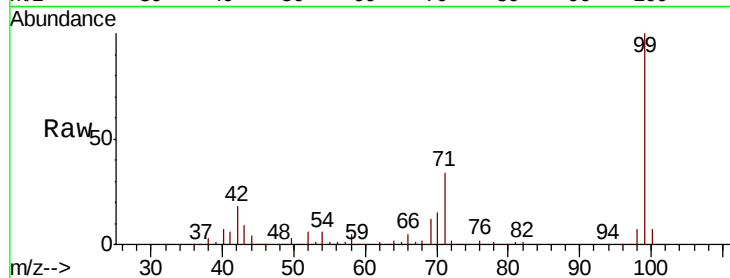
Tgt Ion: 99 Resp: 235333

Ion Ratio Lower Upper

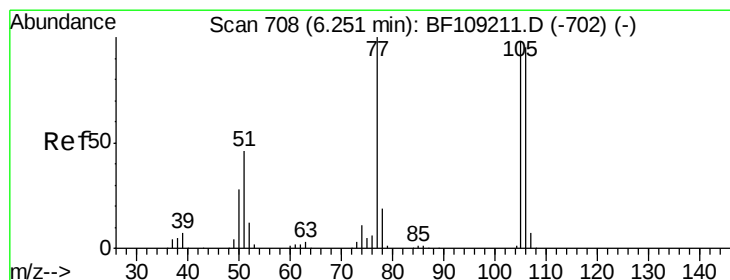
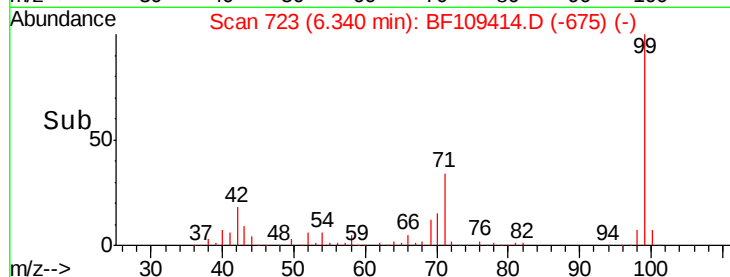
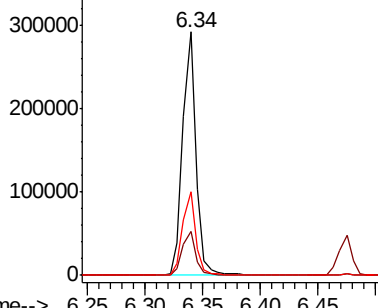
99 100

42 17.9 14.5 21.7

71 34.5 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



#9

Benzaldehyde

Concen: 2.257 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109414.D

Acq: 28 Sep 2018 4:51

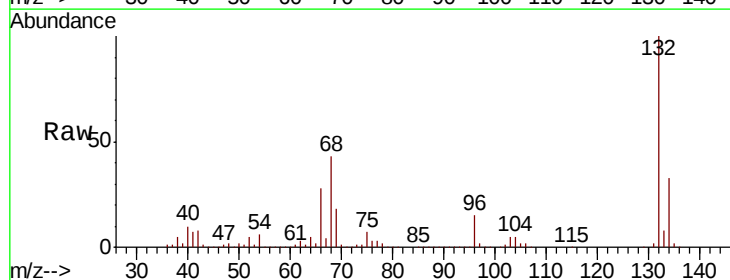
Tgt Ion: 77 Resp: 12524

Ion Ratio Lower Upper

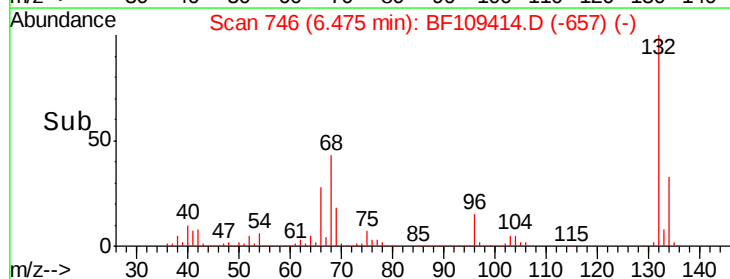
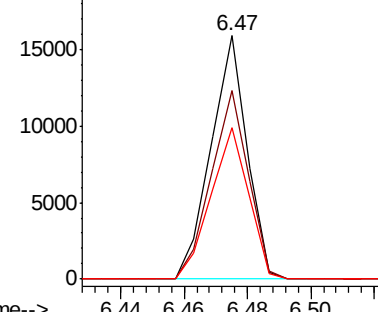
77 100

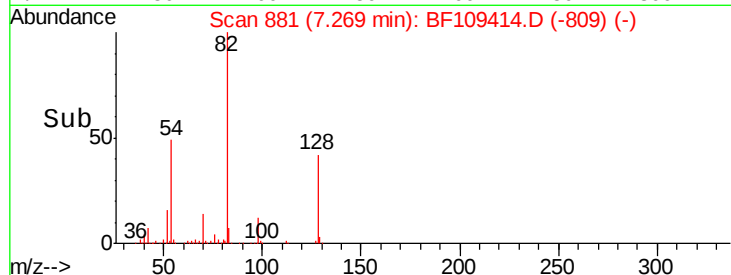
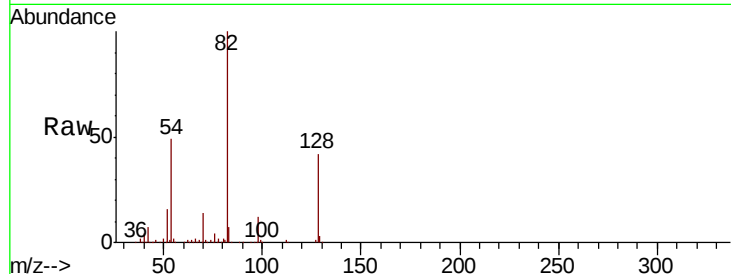
105 77.5 81.1 121.1#

106 62.4 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

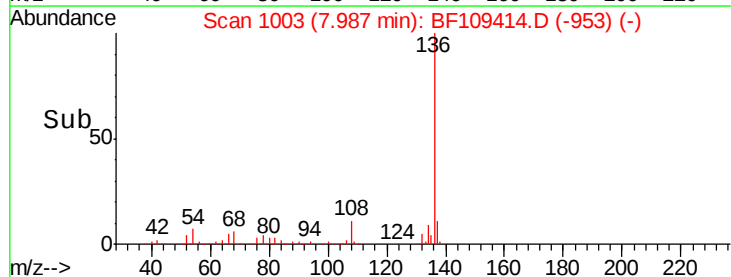
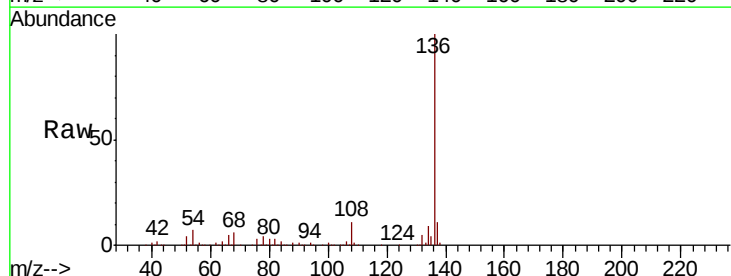
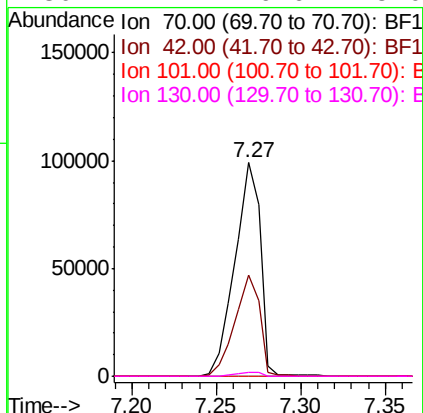




#19
n-Nitroso-di-n-propylamine
Concen: 18.415 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109414.D
Acq: 28 Sep 2018 4:51

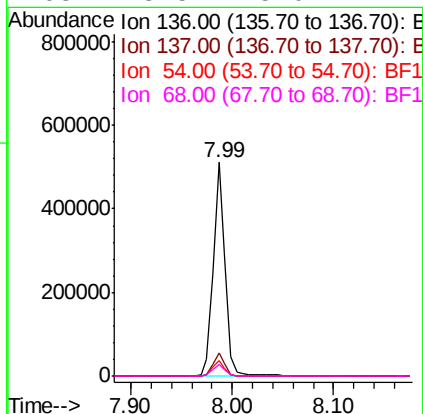
Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-D-B

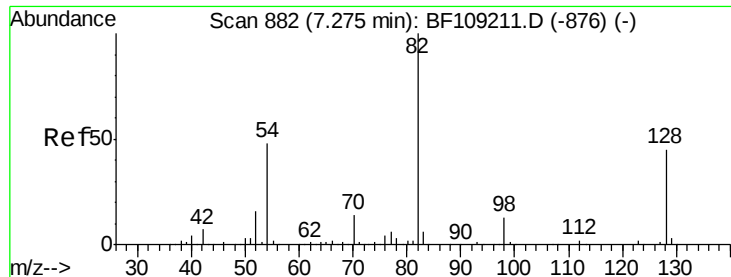
Tgt Ion:	70	Resp:	104232
Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.5	71.3#
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109414.D
Acq: 28 Sep 2018 4:51

Tgt Ion:	136	Resp:	416601
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.5	5.0	7.4

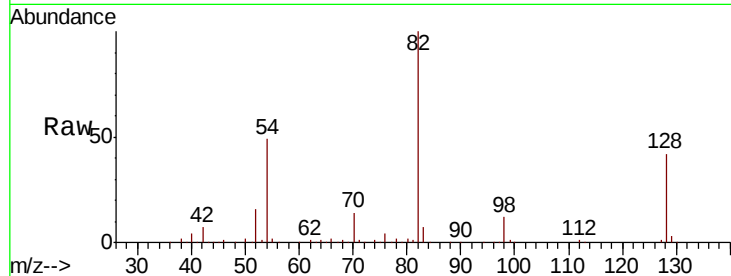




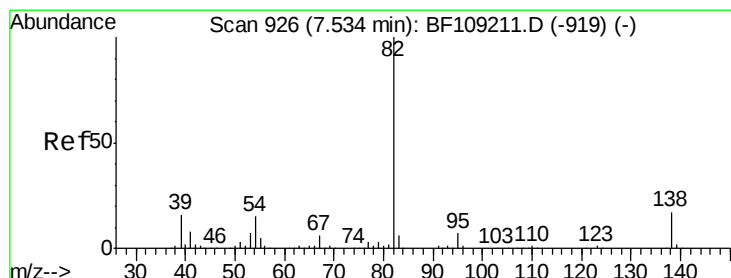
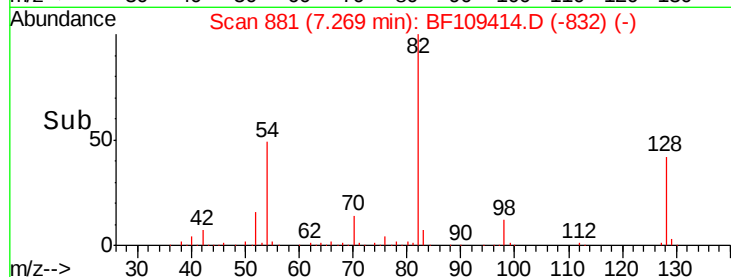
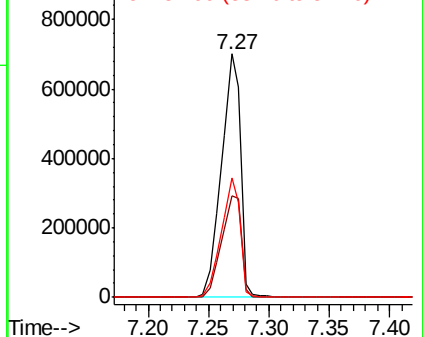
#23
Nitrobenzene-d5
Concen: 108.314 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109414.D
Acq: 28 Sep 2018 4:51

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-D-B

Tgt Ion: 82 Resp: 764401
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 49.2 41.4 62.2

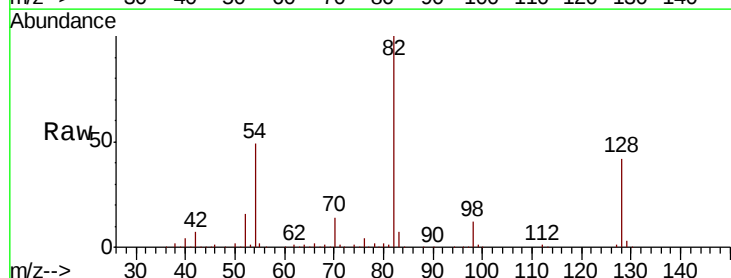


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

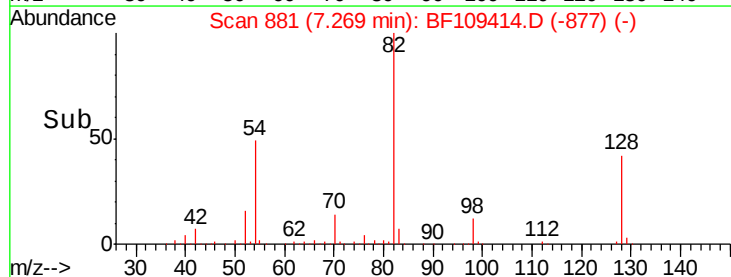
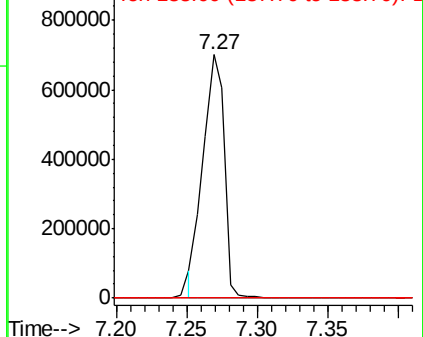


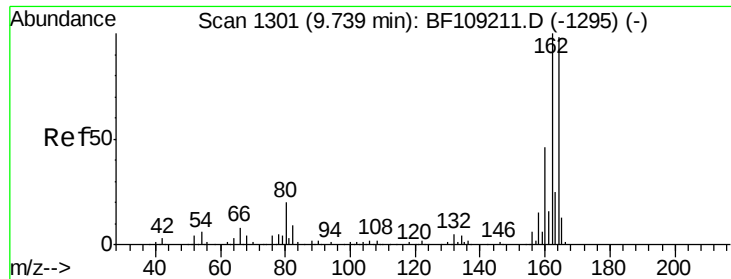
#25
Isophorone
Concen: 57.372 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109414.D
Acq: 28 Sep 2018 4:51

Tgt Ion: 82 Resp: 729095
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

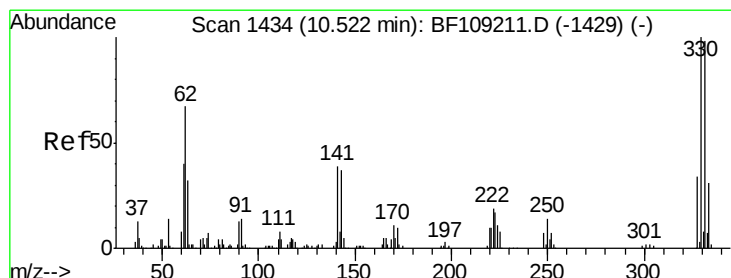
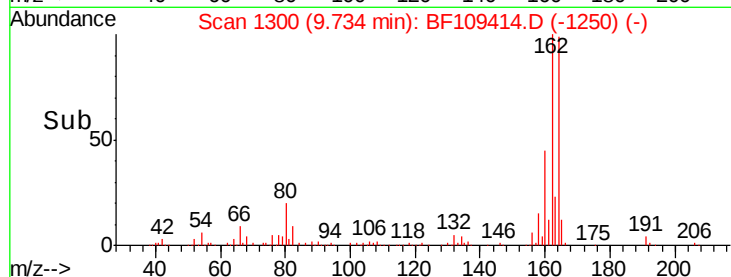
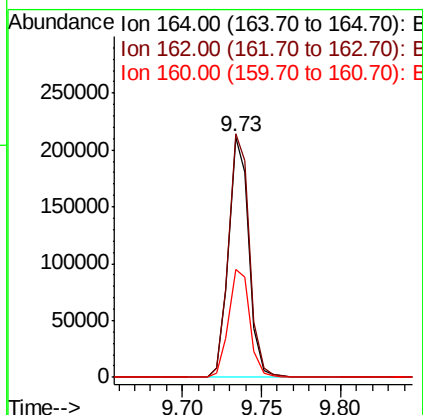
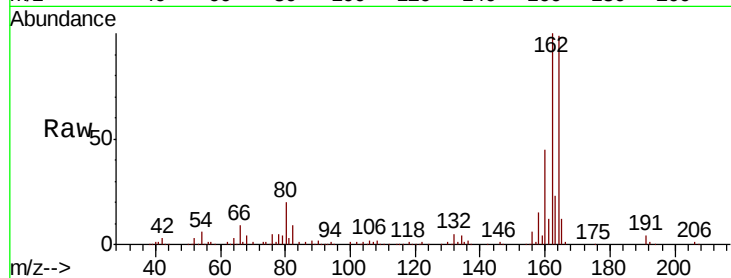




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109414.D
 Acq: 28 Sep 2018 4:51

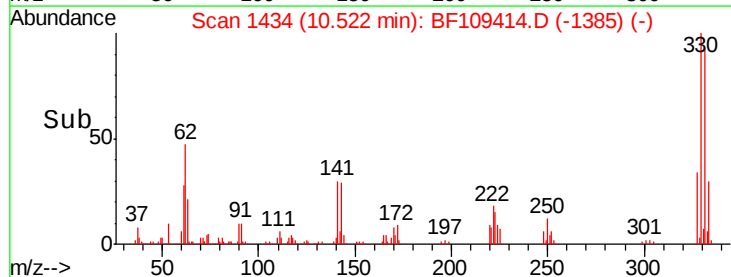
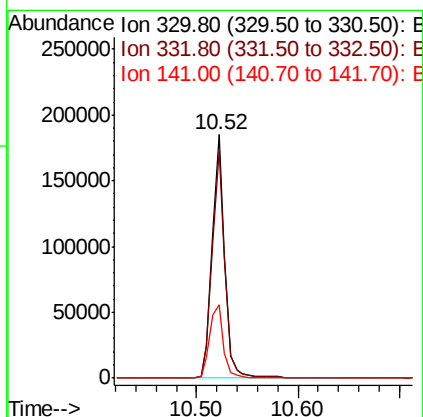
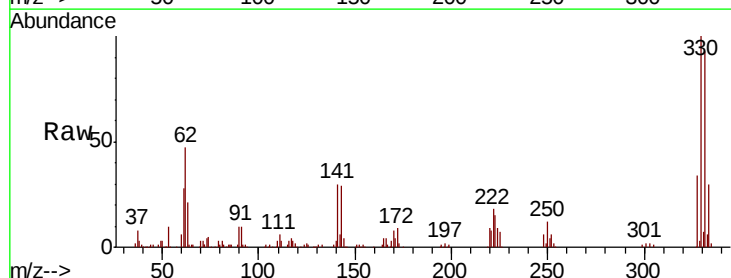
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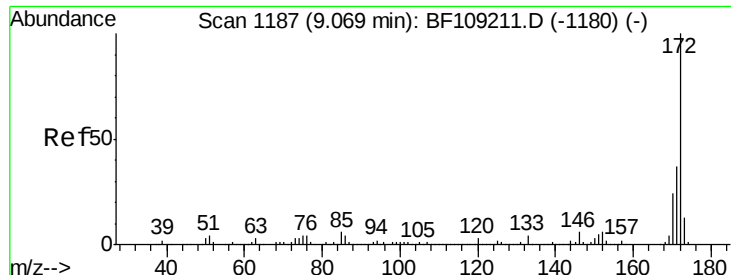
Tgt Ion:164 Resp: 187119
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 45.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 87.124 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109414.D
 Acq: 28 Sep 2018 4:51

Tgt Ion:330 Resp: 160710
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 32.7 29.9 44.9

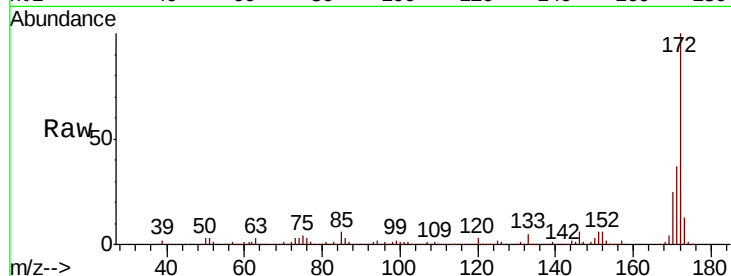




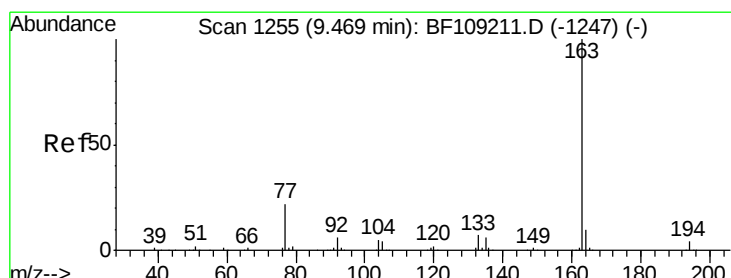
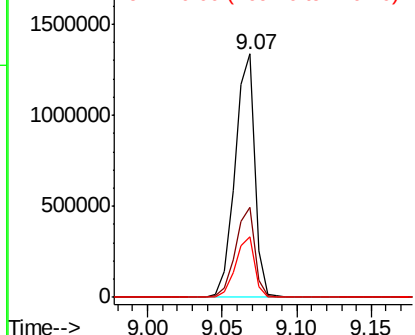
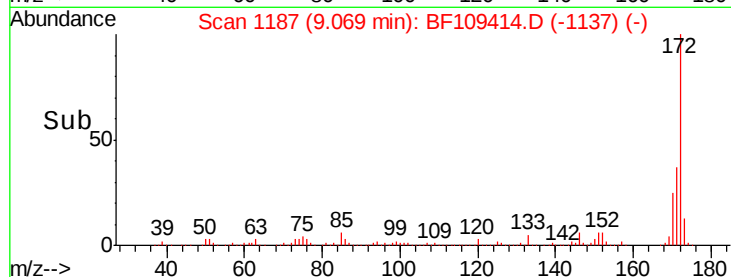
#44
 2-Fluorobiphenyl
 Concen: 101.143 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109414.D
 Acq: 28 Sep 2018 4:51

Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-D-B

Tgt Ion:172 Resp: 1254871
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.8 19.6 29.4

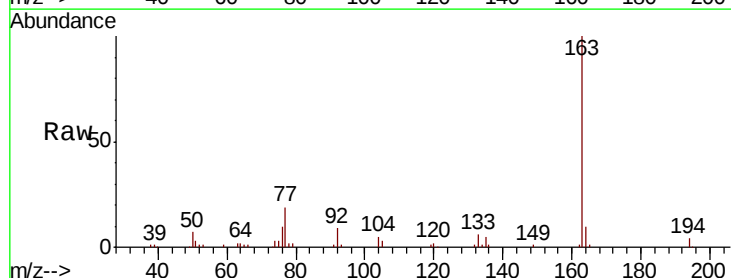


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

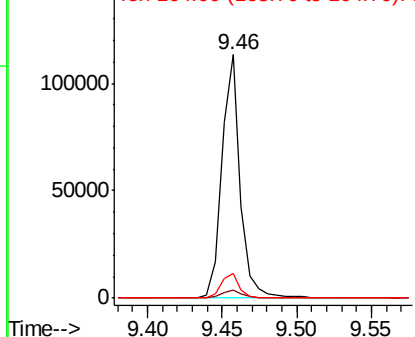
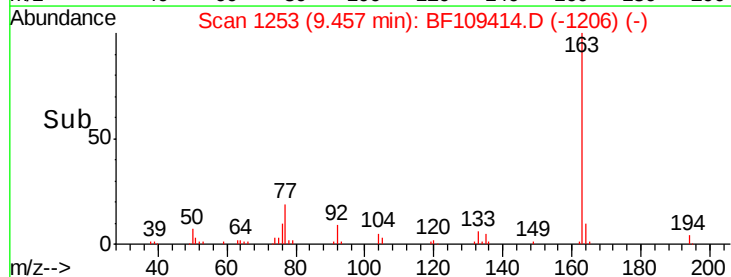


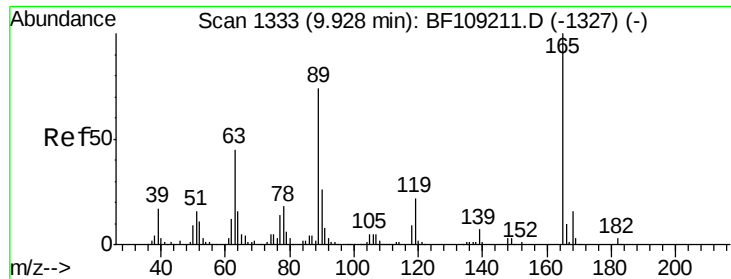
#49
 Dimethylphthalate
 Concen: 7.196 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109414.D
 Acq: 28 Sep 2018 4:51

Tgt Ion:163 Resp: 97932
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 10.3 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

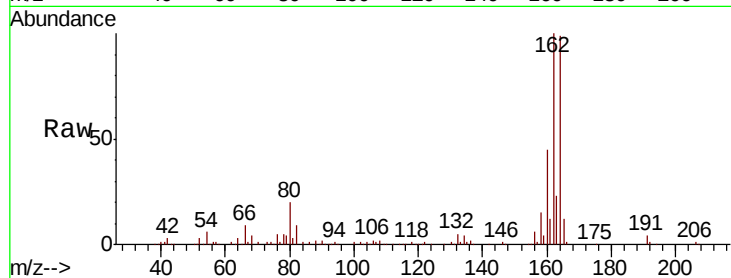




#56
 2,4-Dinitrotoluene
 Concen: 6.816 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109414.D
 Acq: 28 Sep 2018 4:51

Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



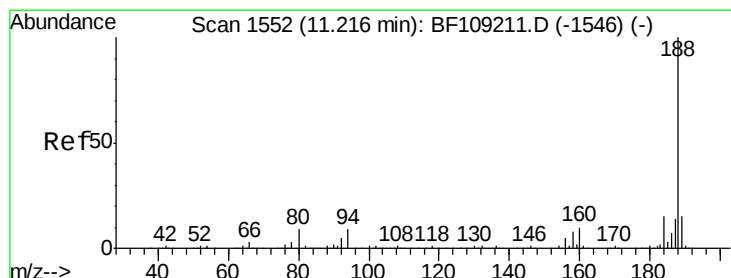
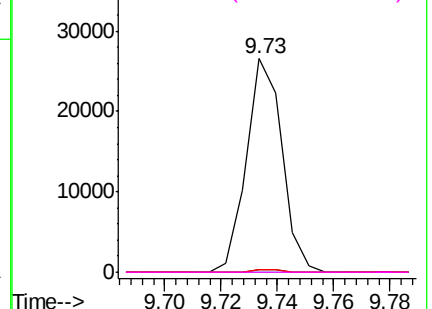
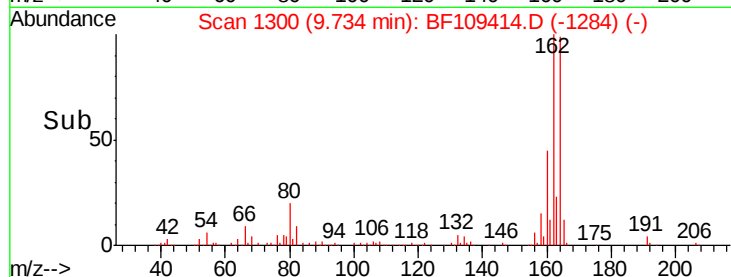
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

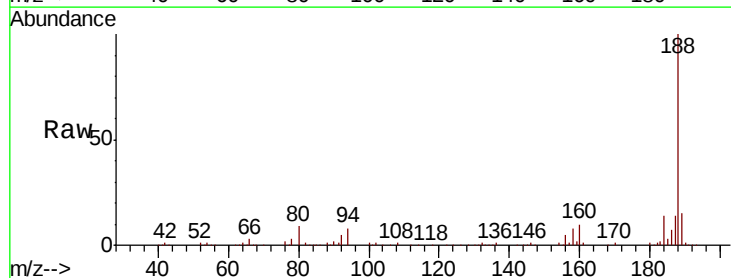
Ion 89.00 (88.70 to 89.70): BF1

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: BF109414.D
 Acq: 28 Sep 2018 4:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.6	9.2	13.8#

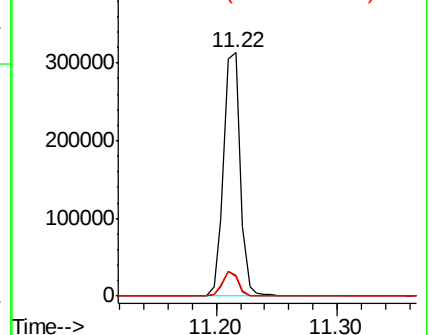
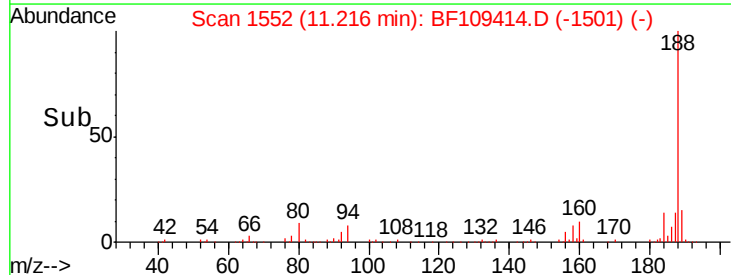


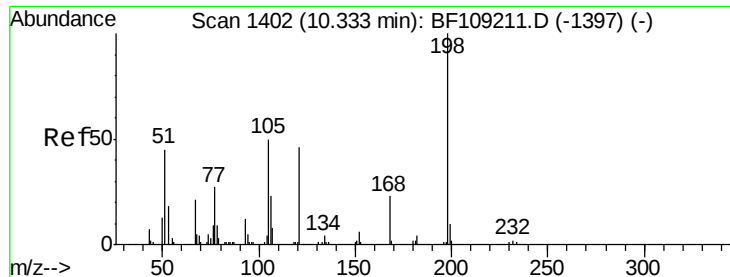
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 6.735 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.18 min

Lab File: BF109414.D

Acq: 28 Sep 2018 4:51

Instrument :

BNA_F

ClientSampleId :

092418-TIPC-F-D-B

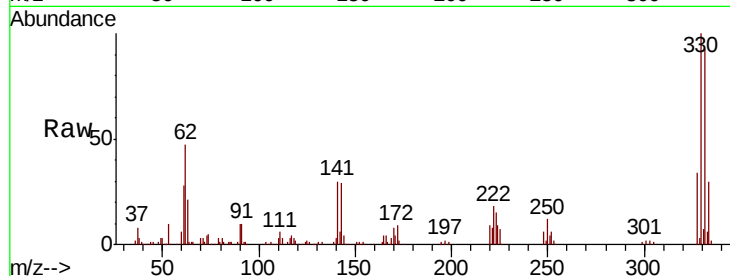
Tgt Ion:198 Resp: 297

Ion Ratio Lower Upper

198 100

51 181.8 37.7 77.7#

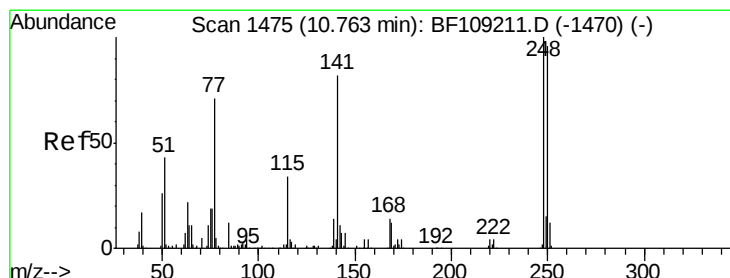
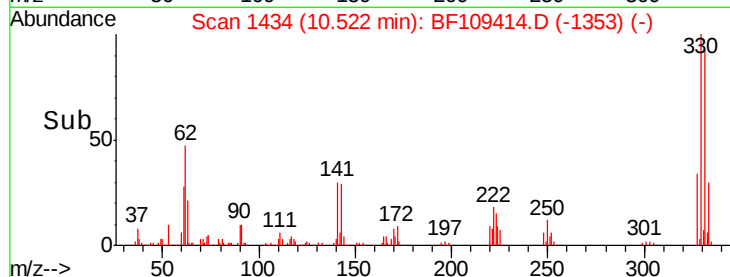
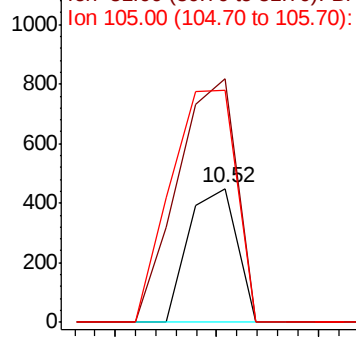
105 172.9 36.3 76.3#



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: 2.861 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF109414.D

Acq: 28 Sep 2018 4:51

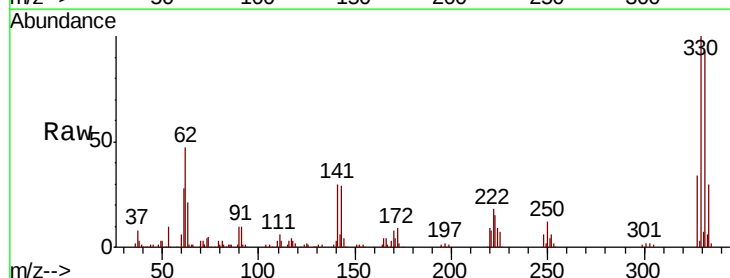
Tgt Ion:248 Resp: 9465

Ion Ratio Lower Upper

248 100

250 208.2 76.9 115.3#

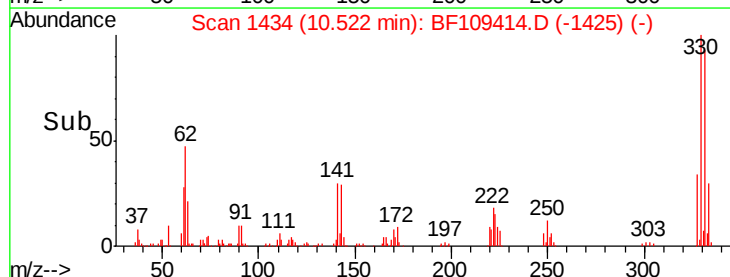
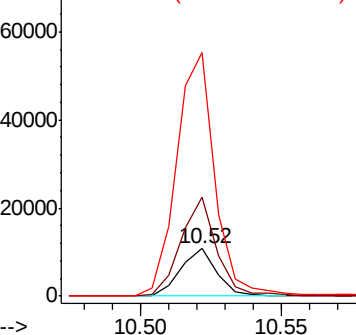
141 513.1 74.4 111.6#



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: BF109414.D

Acq: 28 Sep 2018 4:51

Instrument :

BNA_F

ClientSampleId :

092418-TIPC-F-D-B

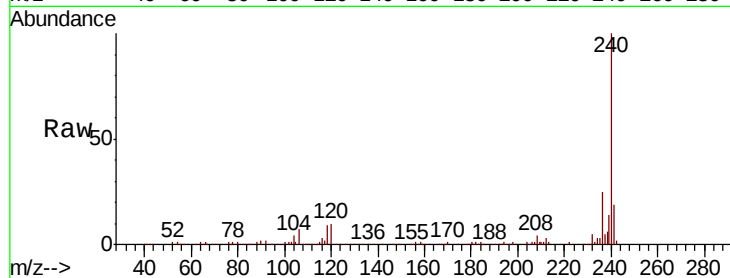
Tgt Ion:240 Resp: 251393

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

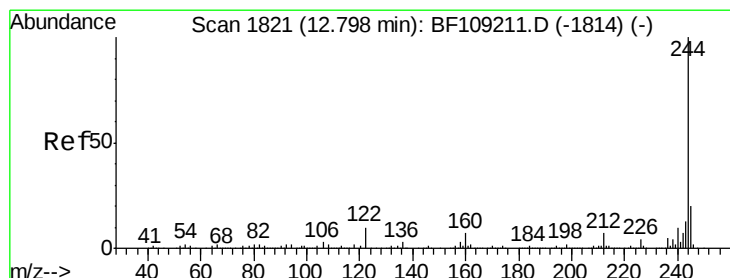
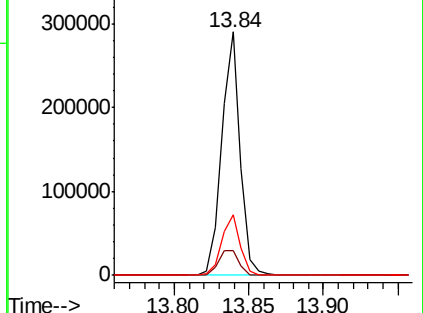
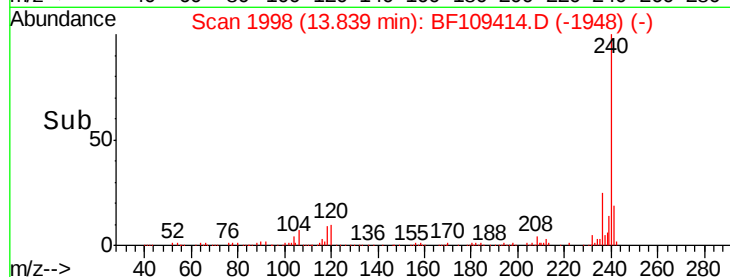
236 25.0 20.7 31.1



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: 98.184 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109414.D

Acq: 28 Sep 2018 4:51

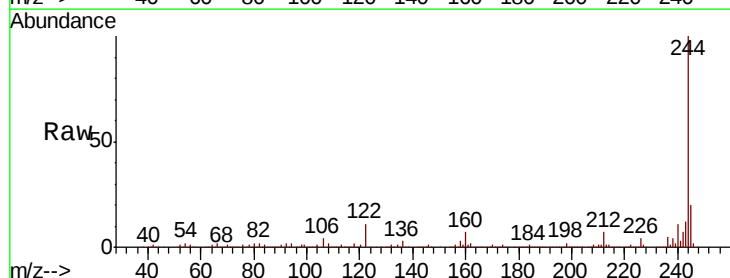
Tgt Ion:244 Resp: 1005746

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

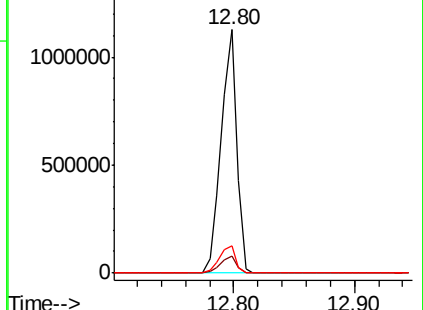
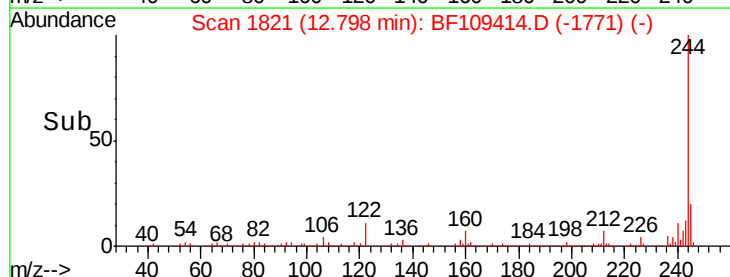
122 11.3 11.0 16.4

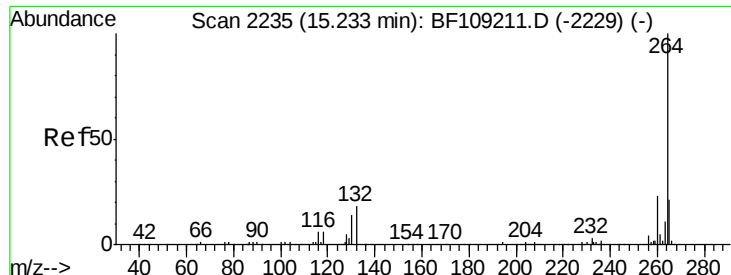


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109414.D
Acq: 28 Sep 2018 4:51

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-D-B

Tgt Ion: 264 Resp: 191330
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 21.6 17.5 26.3

