

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109458.D
 Acq On : 29 Sep 2018 4:40
 Operator : JU/SJ
 Sample : J5133-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-TIPC-F-D-B

Quant Time: Oct 01 03:09:16 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

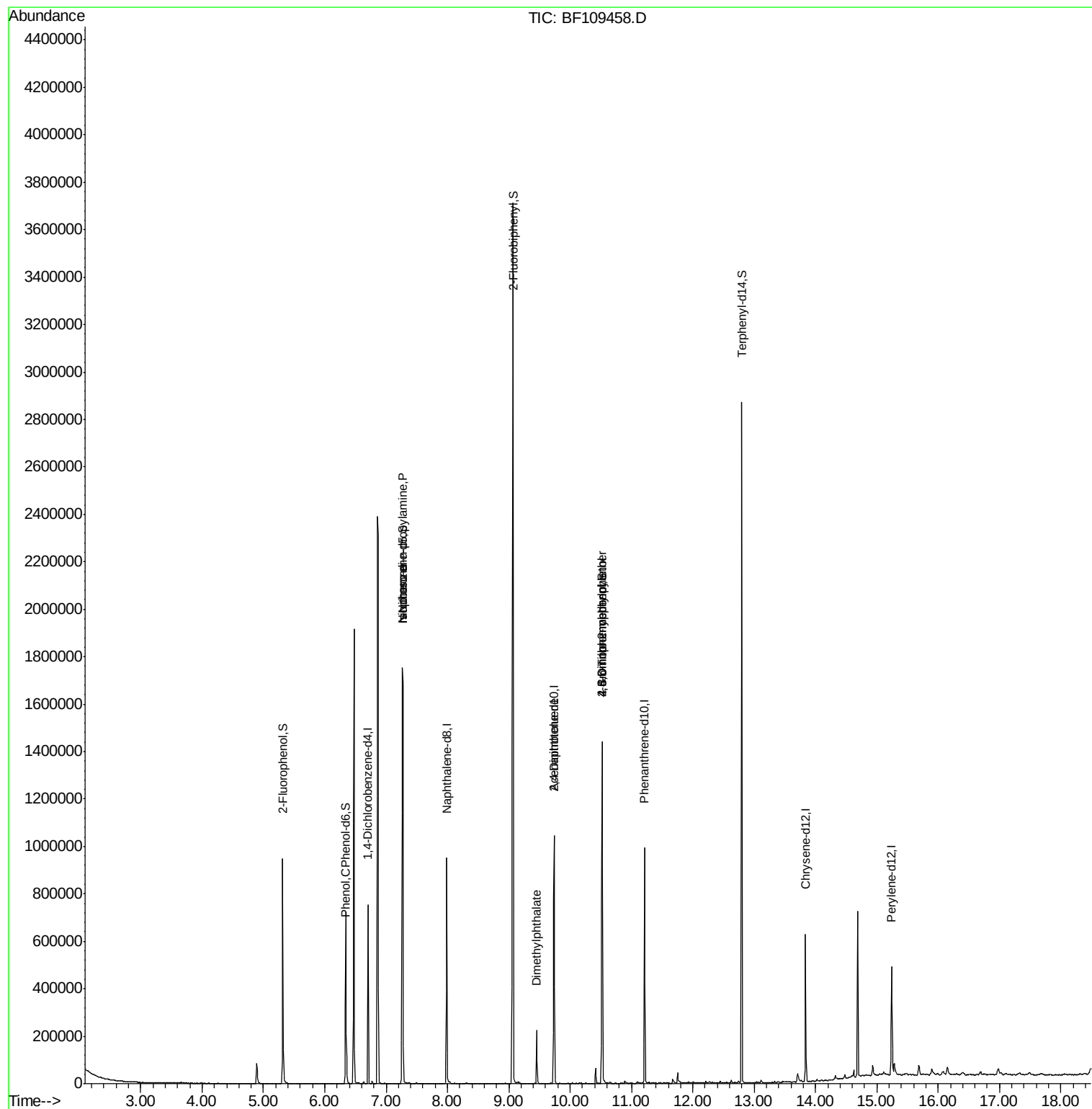
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	110798	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	418843	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	193143	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	344887	20.00	ng	0.00
75) Chrysene-d12	13.84	240	207614	20.00	ng	0.00
86) Perylene-d12	15.24	264	206270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	259137	38.52	ng	0.00
7) Phenol-d6	6.34	99	215159	25.07	ng	-0.02
23) Nitrobenzene-d5	7.27	82	695242	97.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	163860	86.06	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1192532	93.12	ng	0.00
78) Terphenyl-d14	12.80	244	1001524	118.39	ng	0.00
Target Compounds						
10) Phenol	6.35	94	30156	3.102	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	94602	16.819	ng	# 77
25) Isophorone	7.27	82	664746	52.028	ng	# 64
49) Dimethylphthalate	9.46	163	88936	6.331	ng	98
56) 2,4-Dinitrotoluene	9.74	165	23566	6.694	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	166	6.624	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10071	2.630	ng	# 1

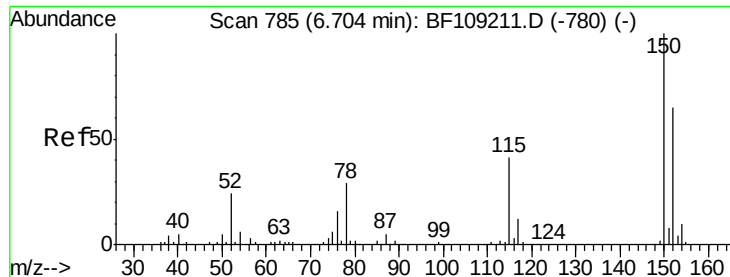
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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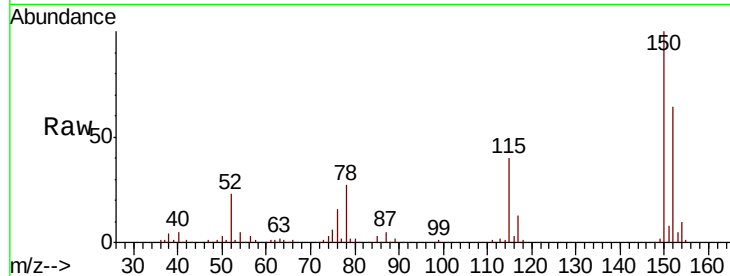


#1

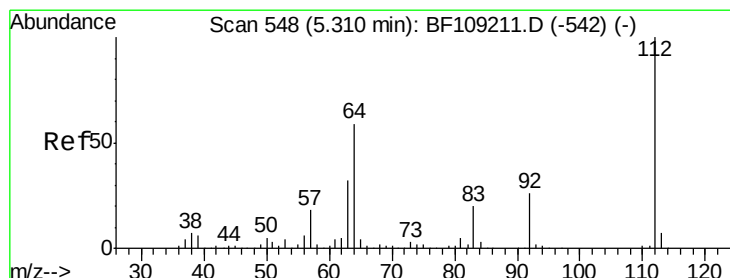
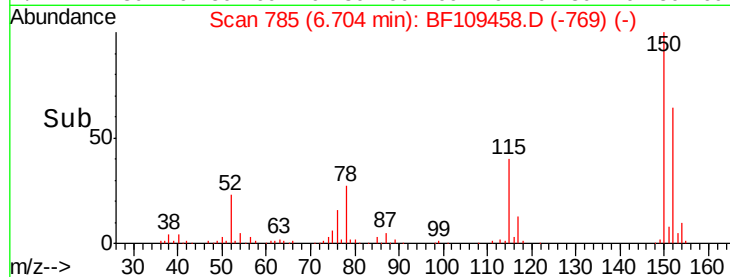
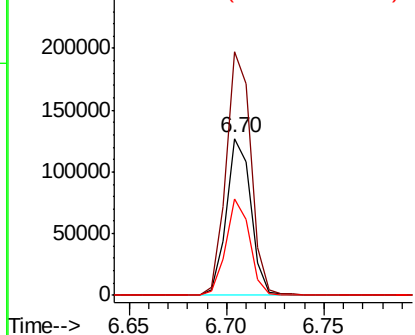
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109458.D
Acq: 29 Sep 2018 4:40

Instrument :
BNA_F
ClientSampleId :
092618-TIPC-F-D-B

Tgt Ion:152 Resp: 110798
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 61.9 50.1 75.1



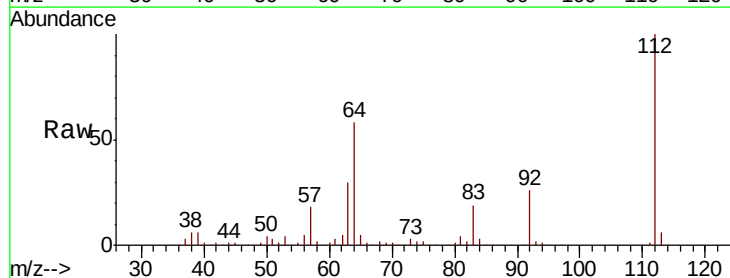
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



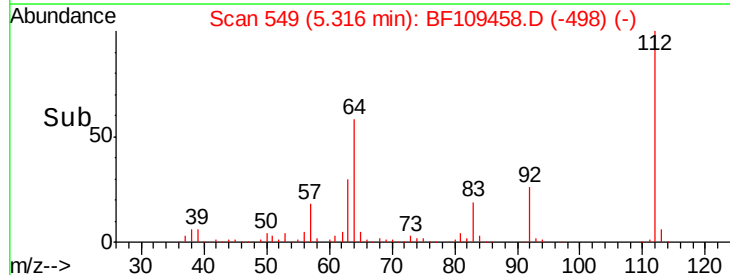
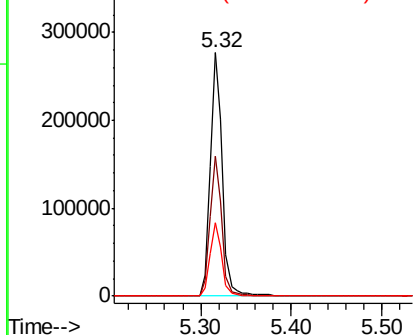
#5

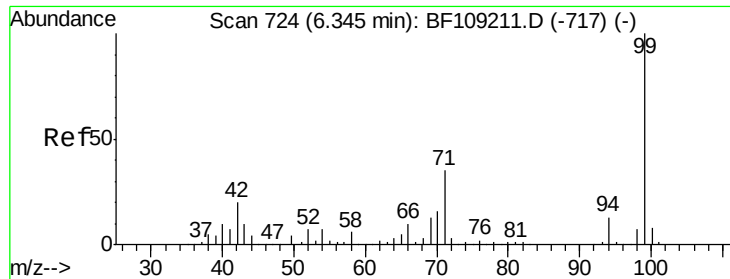
2-Fluorophenol
Concen: 38.522 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109458.D
Acq: 29 Sep 2018 4:40

Tgt Ion:112 Resp: 259137
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 30.4 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: 25.066 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109458.D

Acq: 29 Sep 2018 4:40

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-D-B

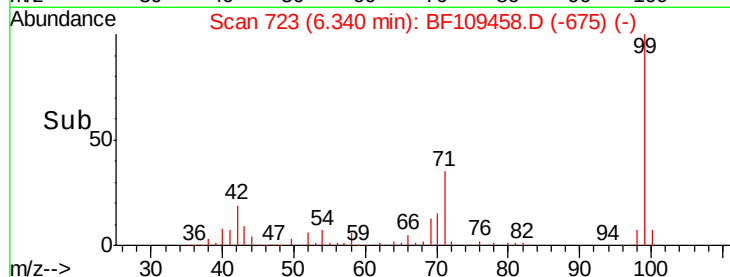
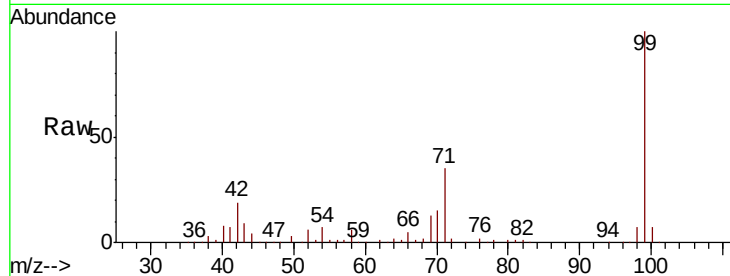
Tgt Ion: 99 Resp: 215159

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

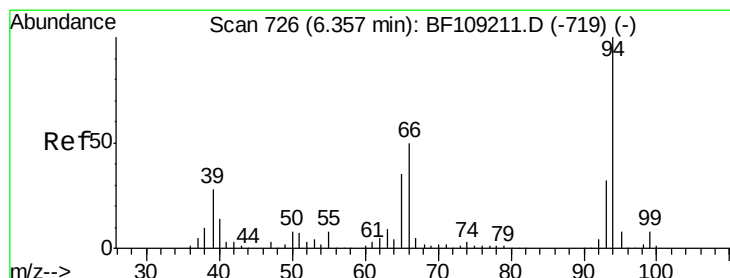
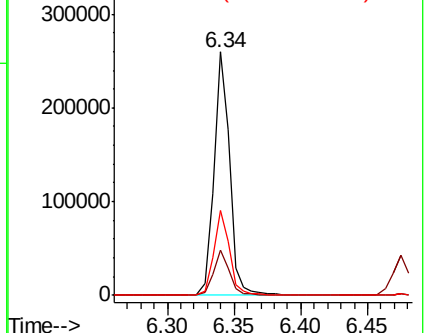
71 35.0 25.4 38.0



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: 3.102 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109458.D

Acq: 29 Sep 2018 4:40

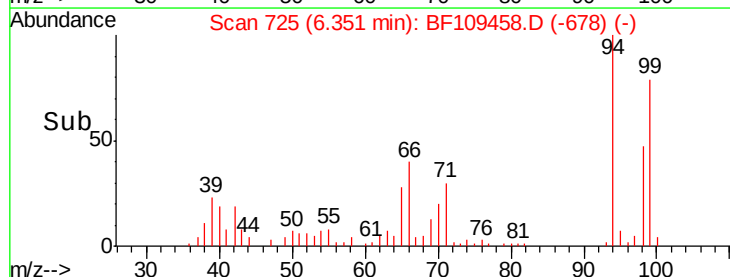
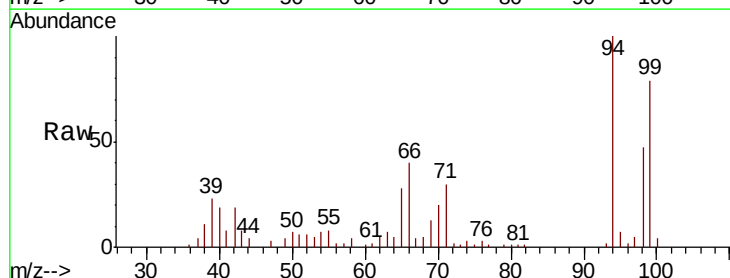
Tgt Ion: 94 Resp: 30156

Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

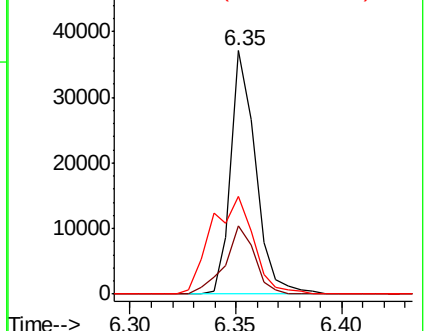
66 39.9 16.2 56.2

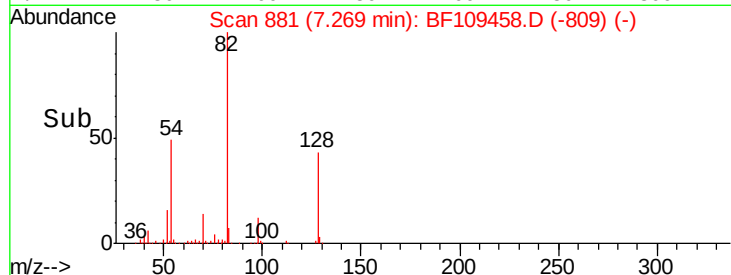
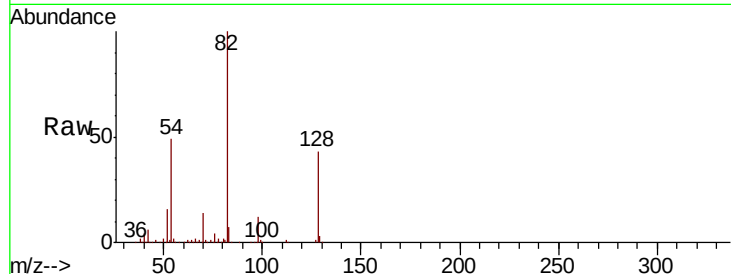
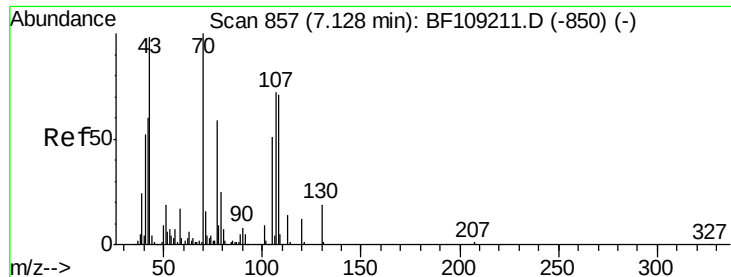


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

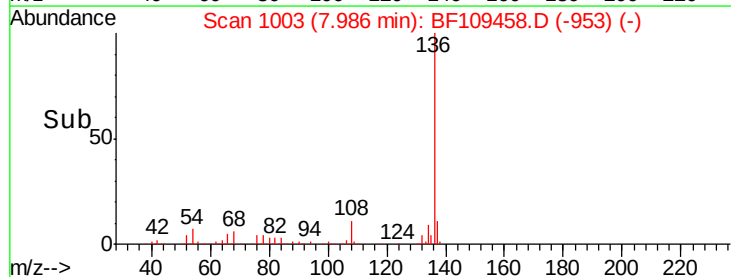
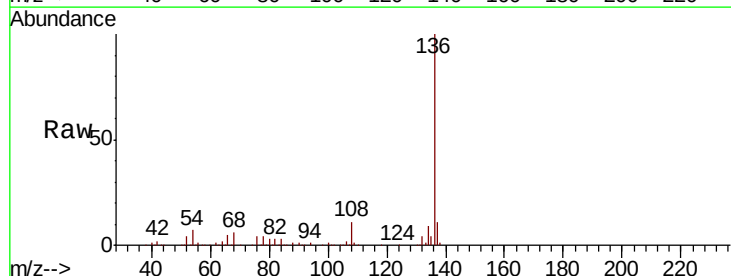
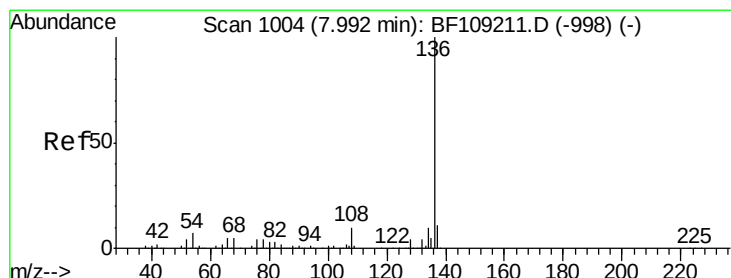
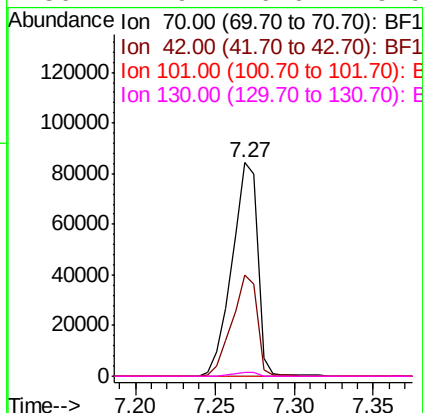




#19
n-Nitroso-di-n-propylamine
Concen: 16.819 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109458.D
Acq: 29 Sep 2018 4:40

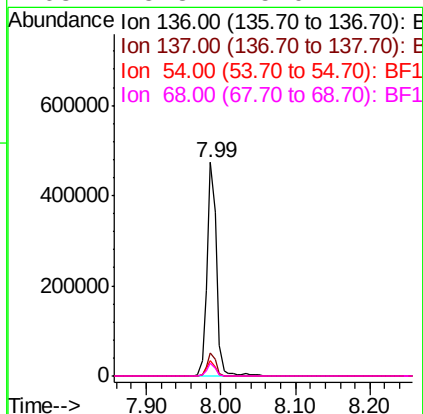
Instrument :
BNA_F
ClientSampleId :
092618-TIPC-F-D-B

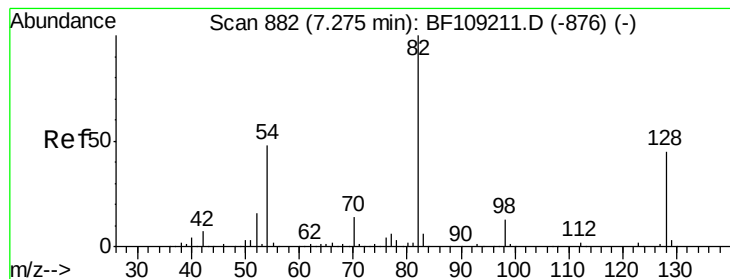
Tgt Ion: 70 Resp: 94602
Ion Ratio Lower Upper
70 100
42 47.4 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109458.D
Acq: 29 Sep 2018 4:40

Tgt Ion: 136 Resp: 418843
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 6.6 9.8
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 97.987 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109458.D

Acq: 29 Sep 2018 4:40

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-D-B

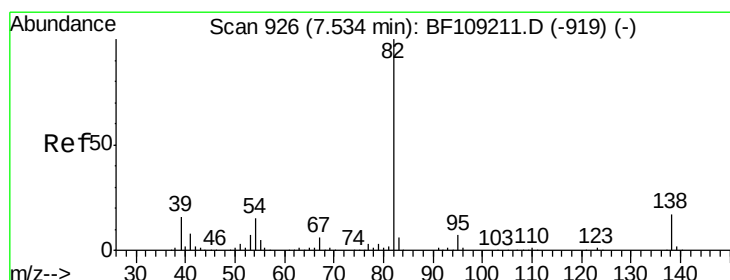
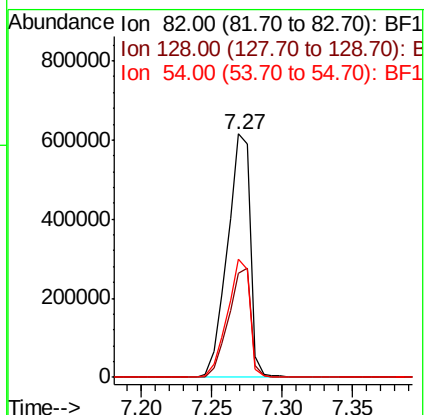
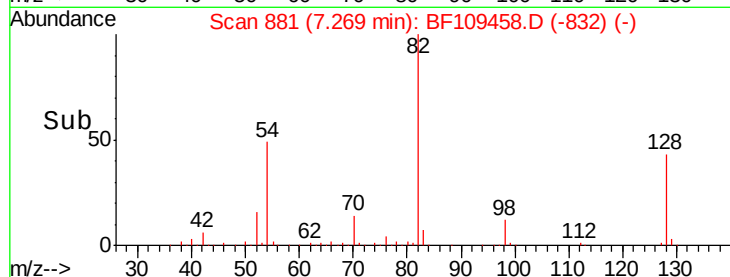
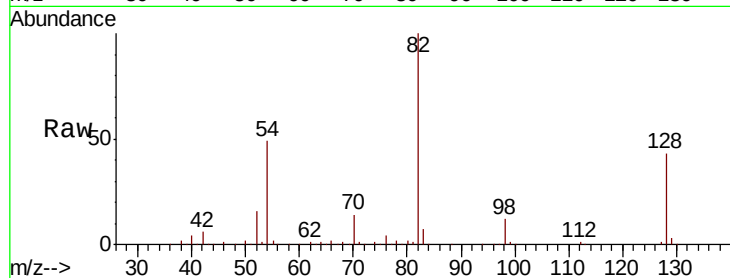
Tgt Ion: 82 Resp: 695242

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

54 48.7 41.4 62.2



#25

Isophorone

Concen: 52.028 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109458.D

Acq: 29 Sep 2018 4:40

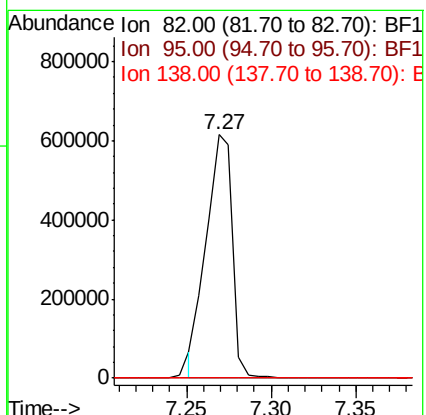
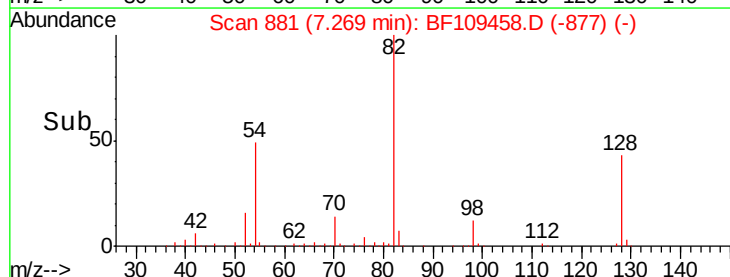
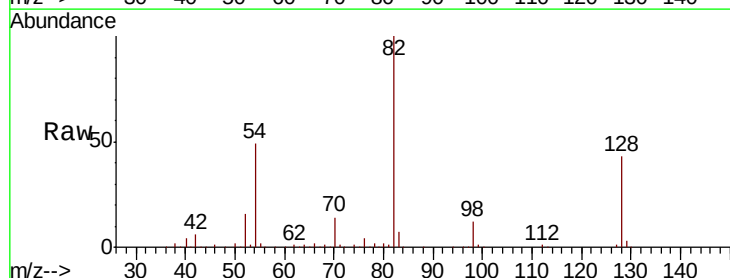
Tgt Ion: 82 Resp: 664746

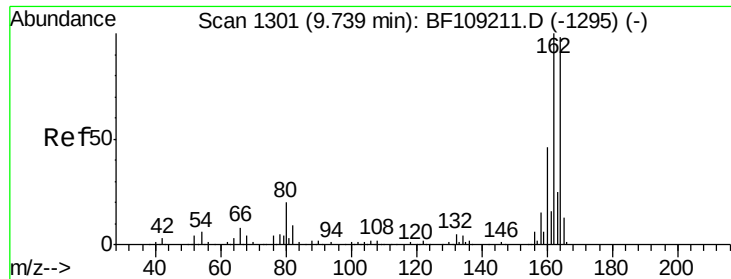
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

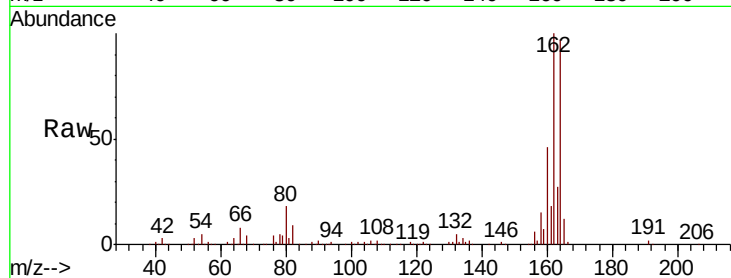




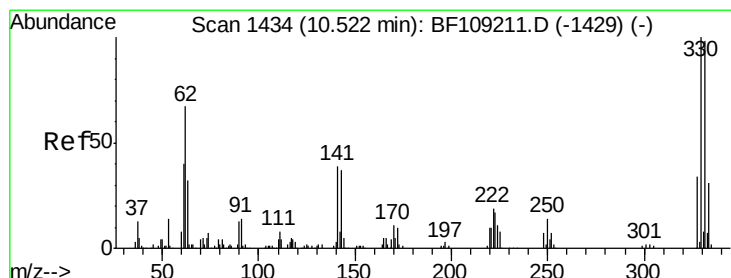
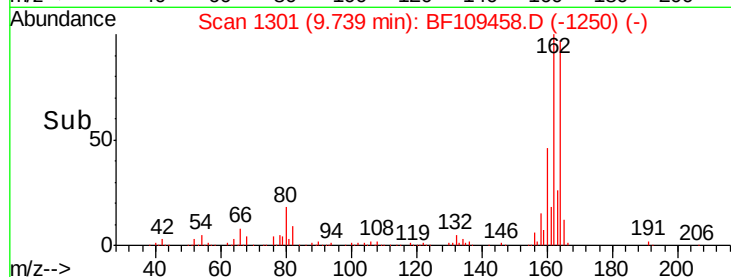
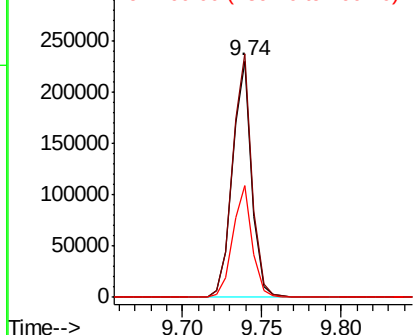
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109458.D
 Acq: 29 Sep 2018 4:40

Instrument :
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 ClientSampleId :
 092618-TIPC-F-D-B

Tgt Ion:164 Resp: 193143
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 47.1 38.3 57.5

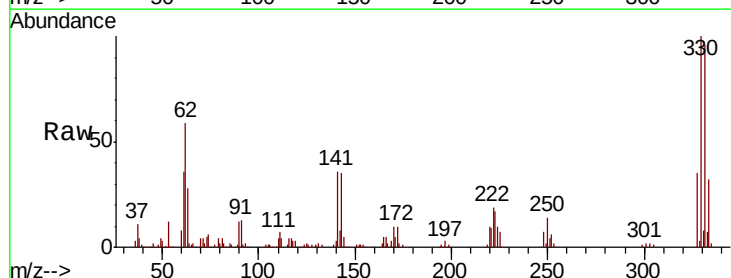


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

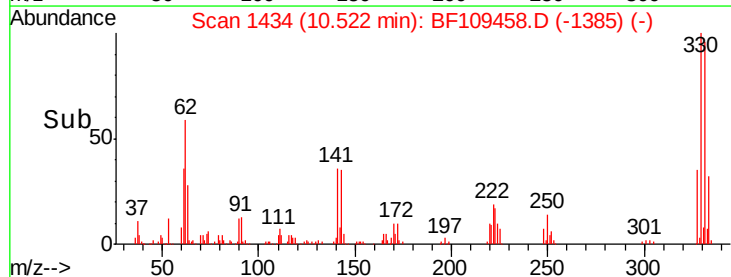
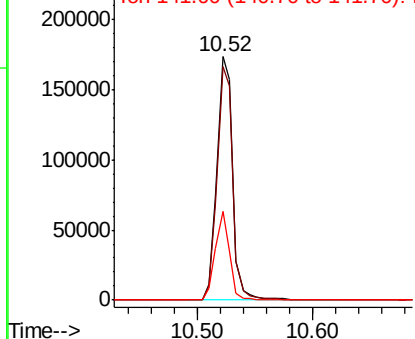


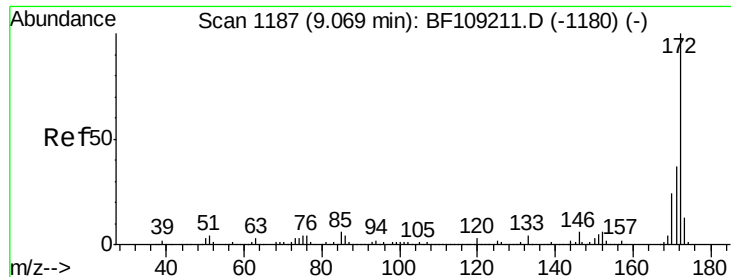
#41
 2,4,6-Tribromophenol
 Concen: 86.061 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109458.D
 Acq: 29 Sep 2018 4:40

Tgt Ion:330 Resp: 163860
 Ion Ratio Lower Upper
 330 100
 332 96.1 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

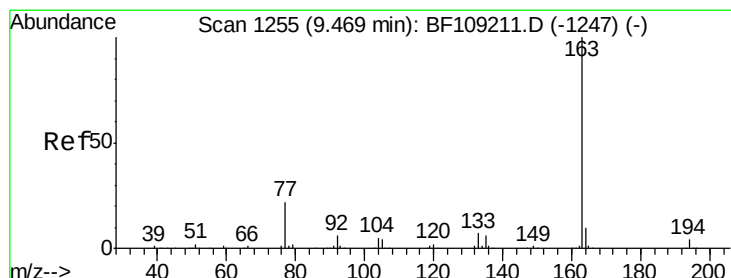
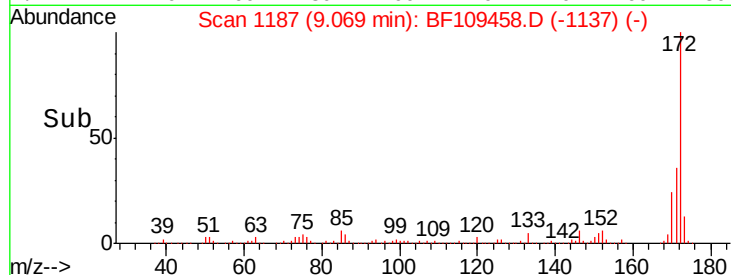
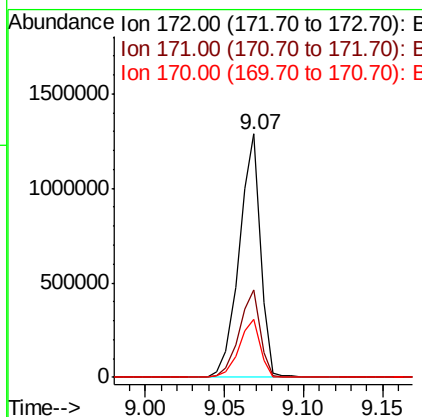
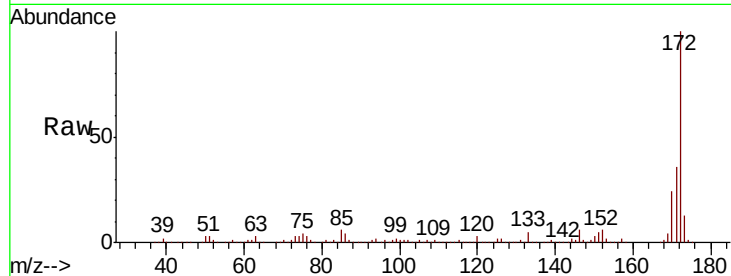




#44
 2-Fluorobiphenyl
 Concen: 93.121 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109458.D
 Acq: 29 Sep 2018 4:40

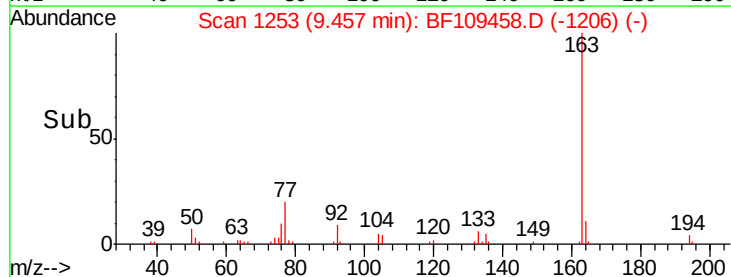
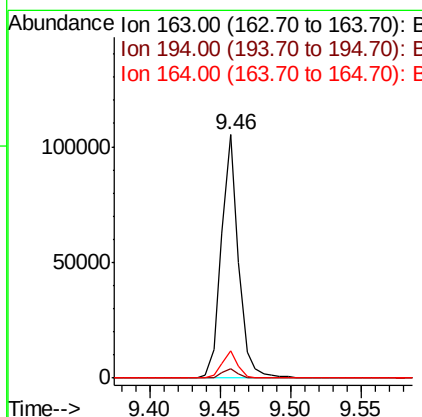
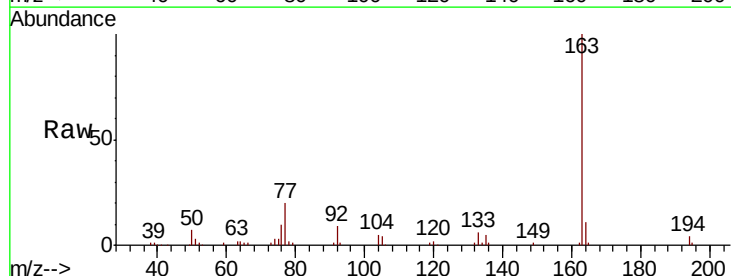
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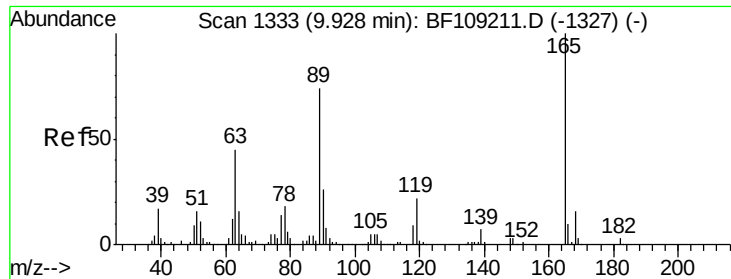
Tgt Ion:172 Resp: 1192532
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.9 19.6 29.4



#49
 Dimethylphthalate
 Concen: 6.331 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109458.D
 Acq: 29 Sep 2018 4:40

Tgt Ion:163 Resp: 88936
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 11.0 8.2 12.2

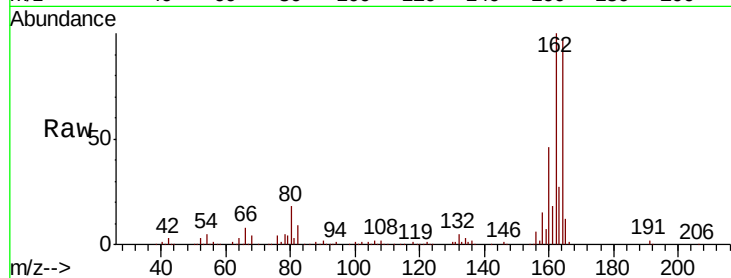




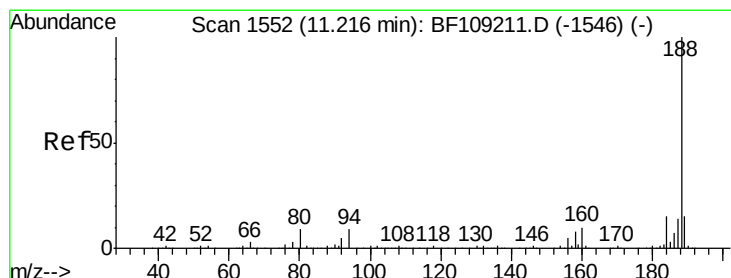
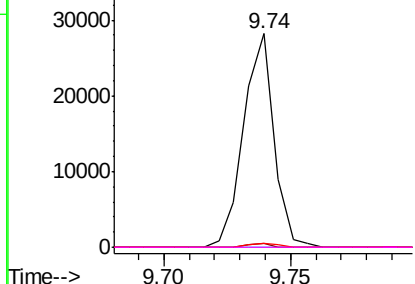
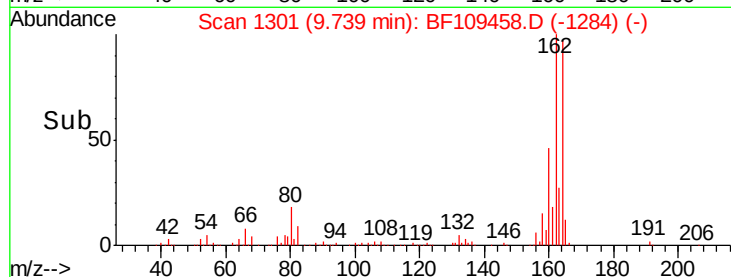
#56
 2,4-Dinitrotoluene
 Concen: 6.694 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109458.D
 Acq: 29 Sep 2018 4:40

Instrument :
 BNA_F
 ClientSampleId :
 092618-TIPC-F-D-B

Tgt Ion:165 Resp: 23566
 Ion Ratio Lower Upper
 165 100
 63 1.9 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#

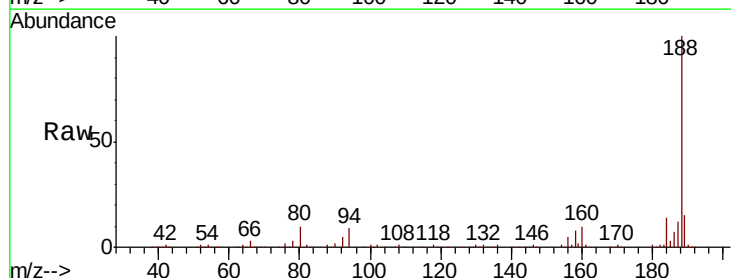


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

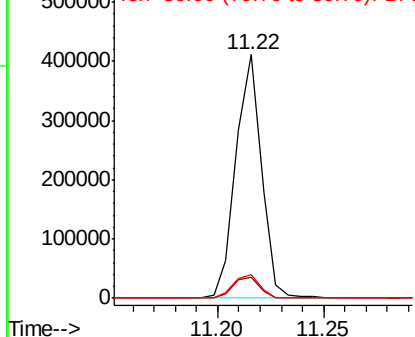
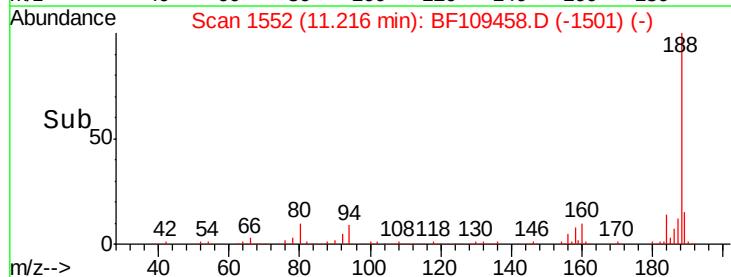


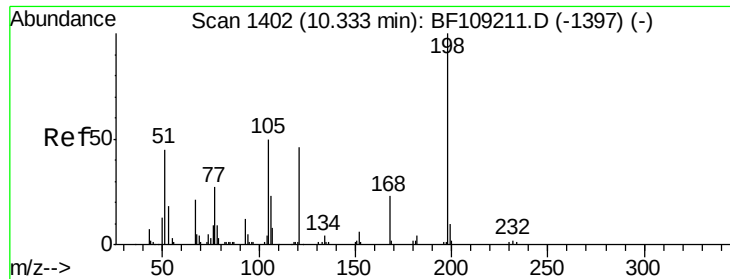
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109458.D
 Acq: 29 Sep 2018 4:40

Tgt Ion:188 Resp: 344887
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 9.7 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

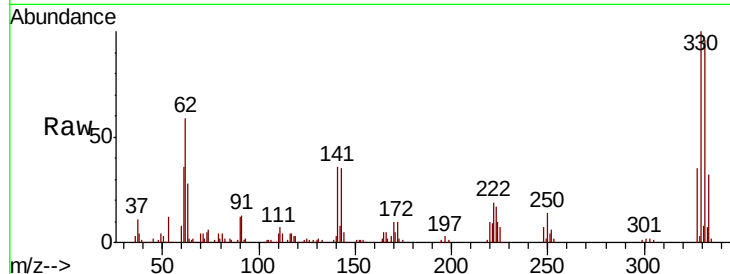




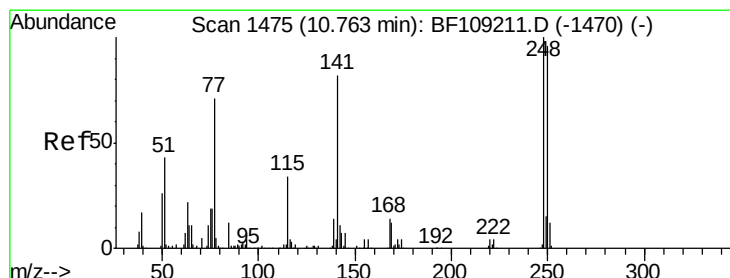
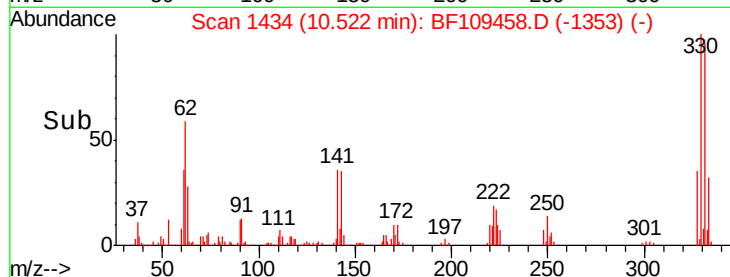
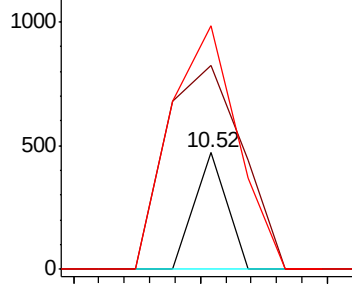
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.624 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109458.D
 Acq: 29 Sep 2018 4:40

Instrument :
 BNA_F
 ClientSampleId :
 092618-TIPC-F-D-B

Tgt Ion:198 Resp: 166
 Ion Ratio Lower Upper
 198 100
 51 174.7 37.7 77.7#
 105 209.1 36.3 76.3#

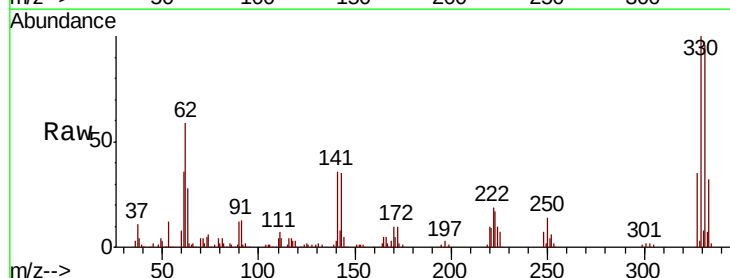


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

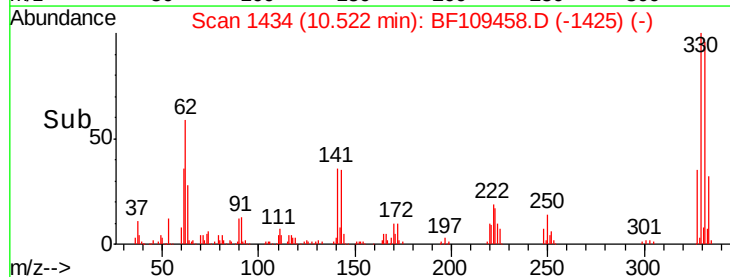
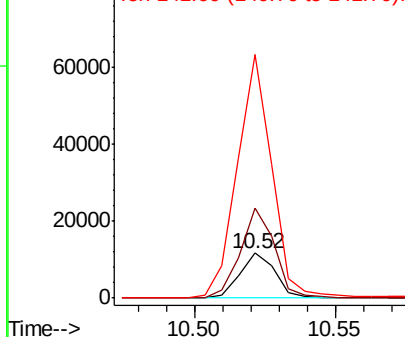


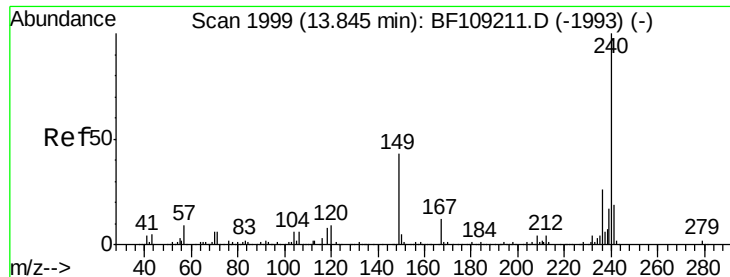
#66
 4-Bromophenyl-phenylether
 Concen: 2.630 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109458.D
 Acq: 29 Sep 2018 4:40

Tgt Ion:248 Resp: 10071
 Ion Ratio Lower Upper
 248 100
 250 202.1 76.9 115.3#
 141 543.1 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: BF109458.D

Acq: 29 Sep 2018 4:40

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-D-B

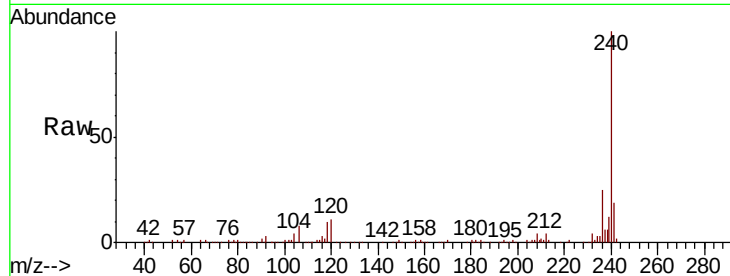
Tgt Ion:240 Resp: 207614

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

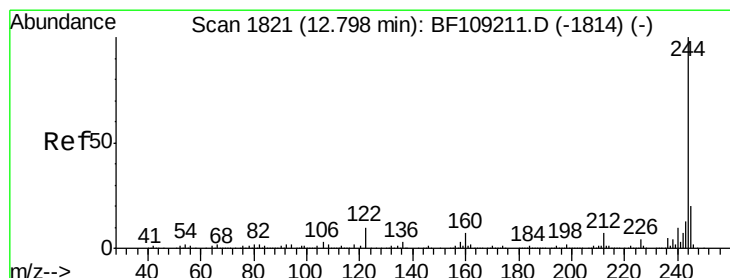
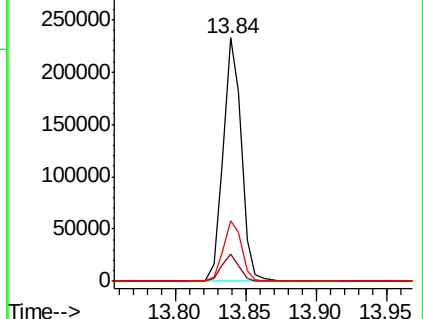
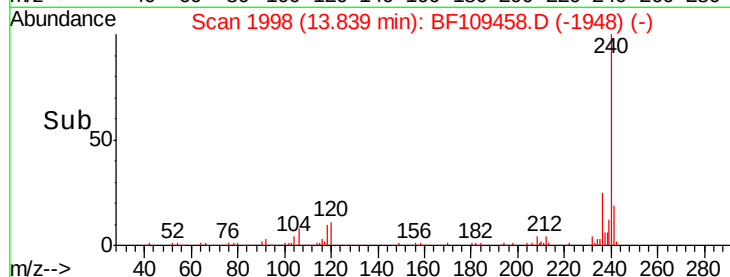
236 25.1 20.7 31.1



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: 118.388 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109458.D

Acq: 29 Sep 2018 4:40

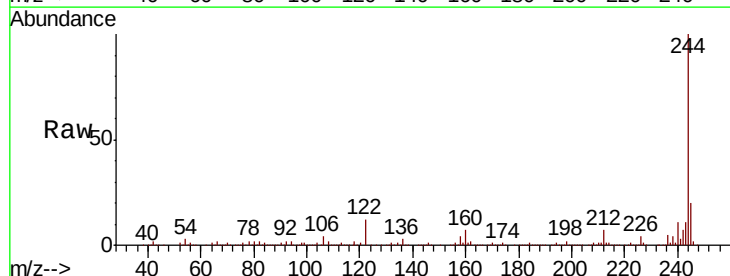
Tgt Ion:244 Resp: 1001524

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

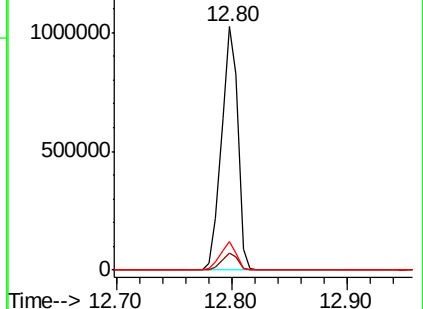
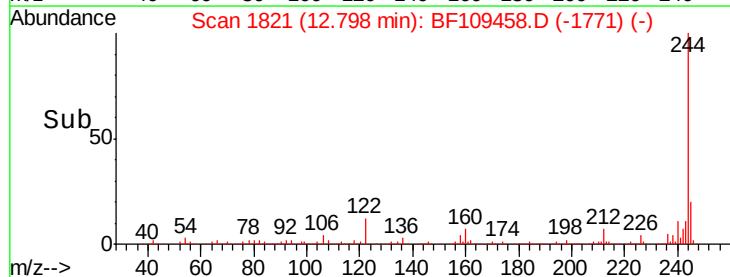
122 12.0 11.0 16.4

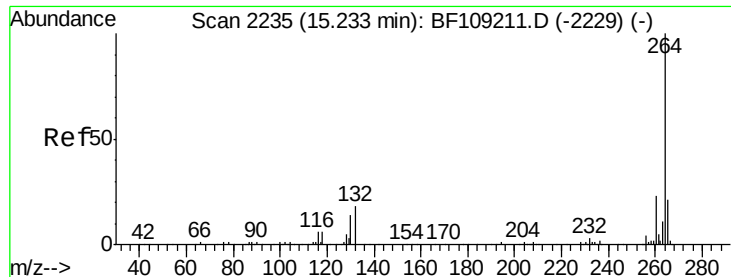


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109458.D
Acq: 29 Sep 2018 4:40

Instrument :
BNA_F
ClientSampleId :
092618-TIPC-F-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	17.5	26.3

