

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109459.D
 Acq On : 29 Sep 2018 5:07
 Operator : JU/SJ
 Sample : J5133-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Oct 01 03:09:26 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	111912	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	407005	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	193225	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	354228	20.00	ng	0.00
75) Chrysene-d12	13.84	240	208436	20.00	ng	0.00
86) Perylene-d12	15.24	264	215481	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	251049	36.95	ng	0.00
7) Phenol-d6	6.34	99	202690	23.38	ng	-0.02
23) Nitrobenzene-d5	7.27	82	653259	94.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	146604	76.97	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1113372	86.90	ng	0.00
78) Terphenyl-d14	12.80	244	960000	113.03	ng	0.00

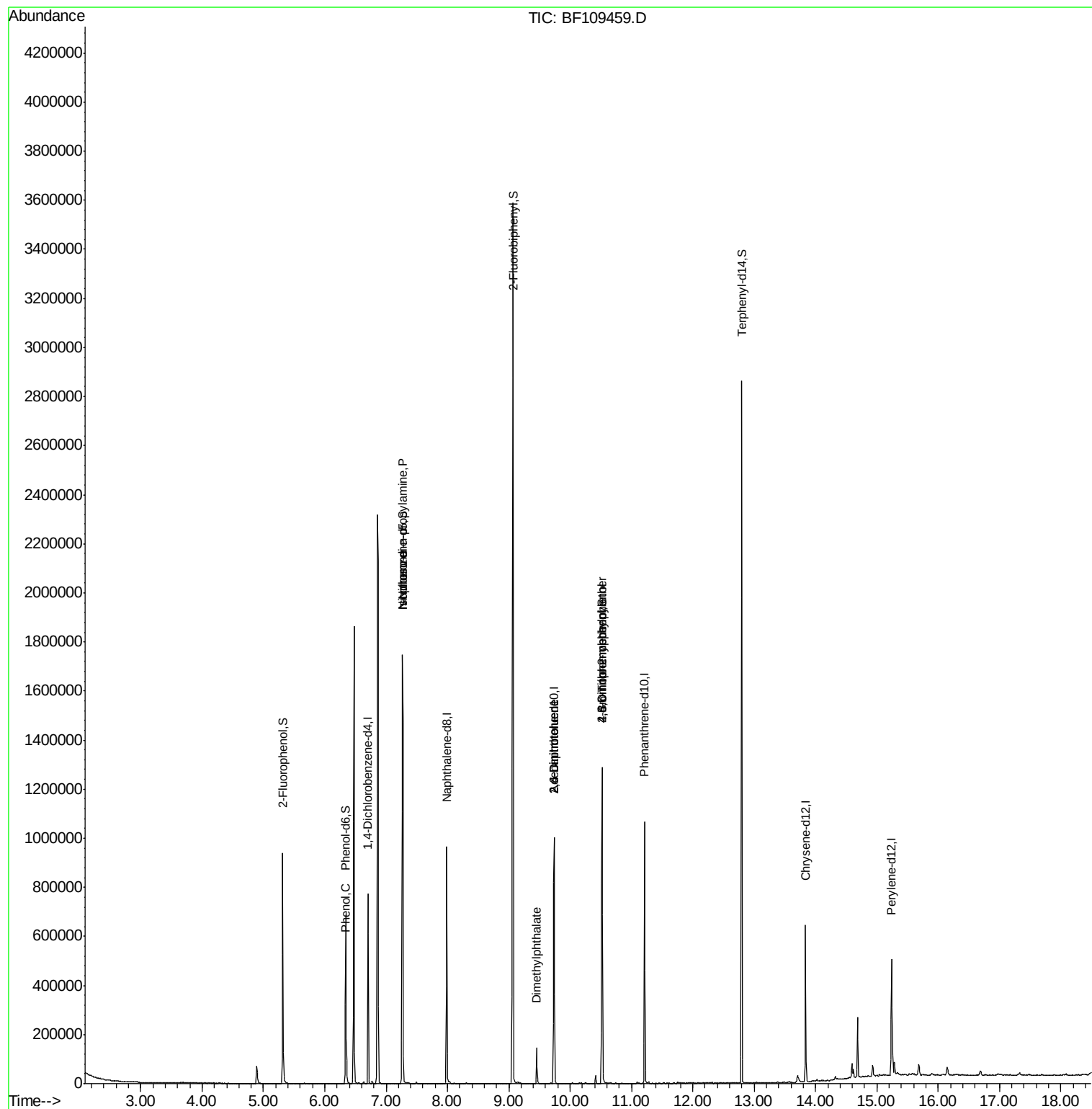
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.35	94	25473	2.594	ng	92
19) n-Nitroso-di-n-propylamine	7.27	70	88818	15.634	ng	# 78
25) Isophorone	7.27	82	624766	50.321	ng	# 64
49) Dimethylphthalate	9.46	163	60585	4.311	ng	98
50) 2,6-Dinitrotoluene	9.74	165	24399	8.766	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	24399	6.928	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	197	6.640	ng	# 22
66) 4-Bromophenyl-phenylether	10.52	248	9250	2.352	ng	# 1

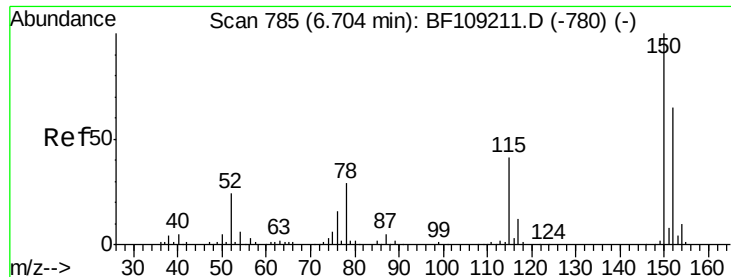
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF109459.D

Acq: 29 Sep 2018 5:07

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-D-S

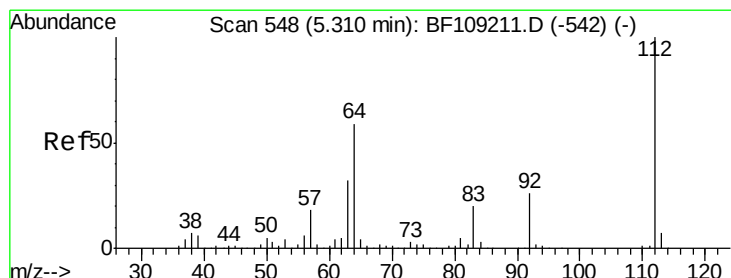
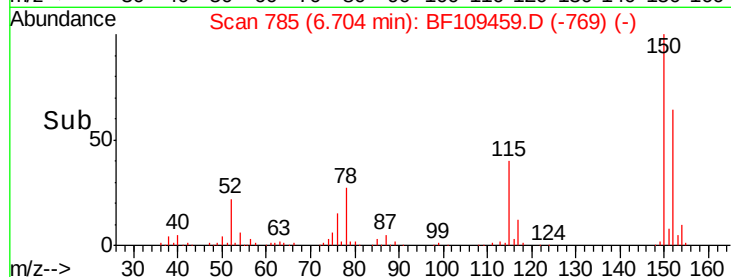
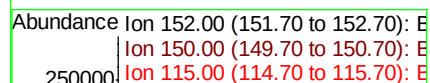
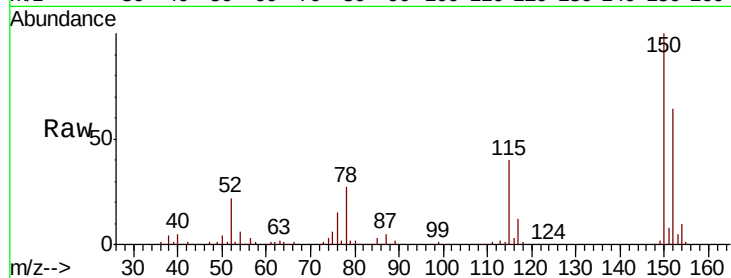
Tgt Ion:152 Resp: 111912

Ion Ratio Lower Upper

152 100

150 156.1 124.6 186.8

115 62.0 50.1 75.1



#5

2-Fluorophenol

Concen: 36.948 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF109459.D

Acq: 29 Sep 2018 5:07

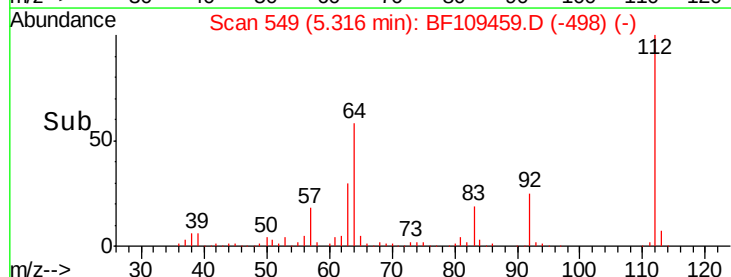
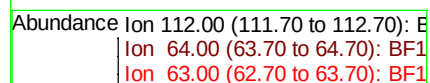
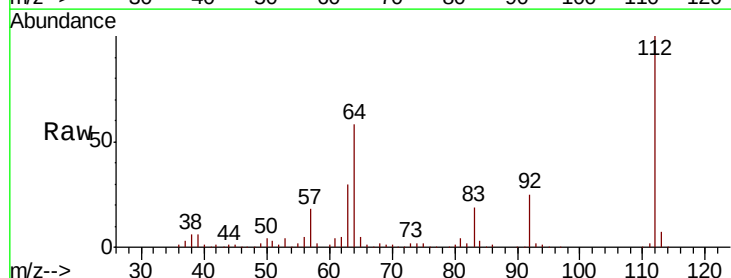
Tgt Ion:112 Resp: 251049

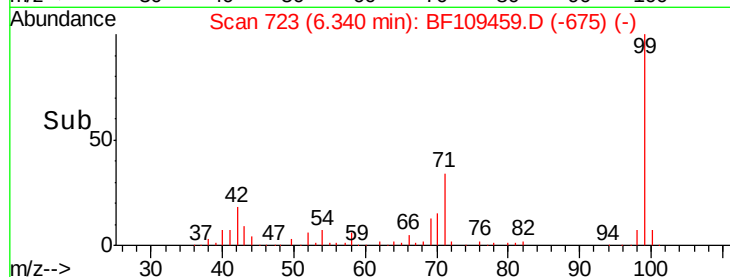
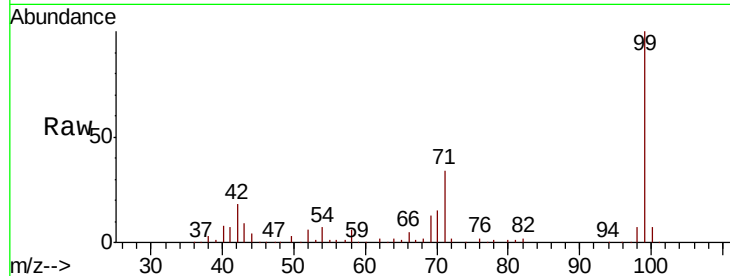
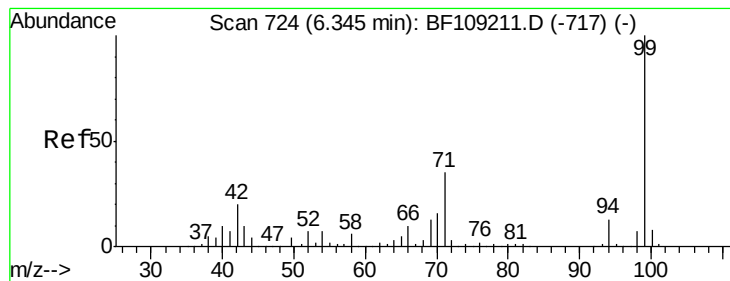
Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 23.378 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109459.D

Acq: 29 Sep 2018 5:07

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-D-S

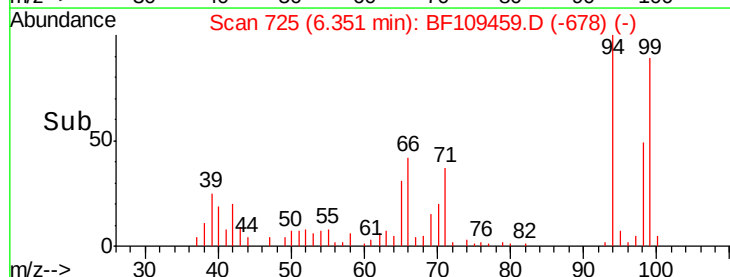
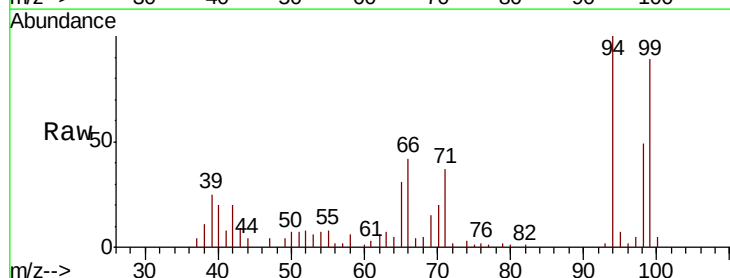
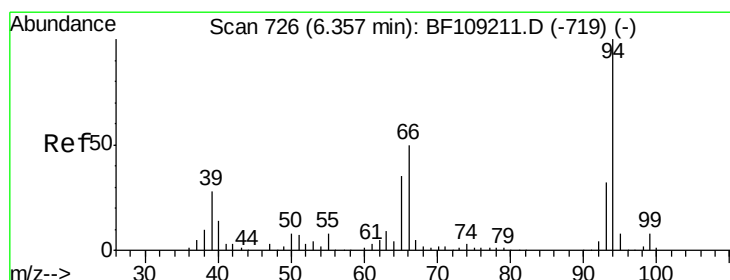
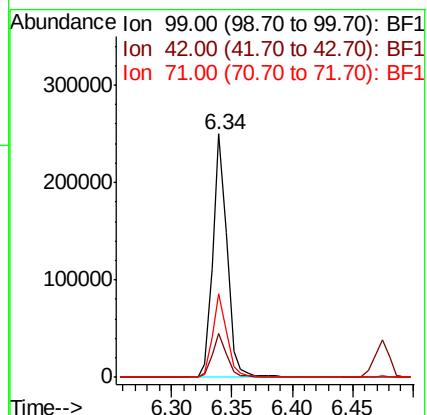
Tgt Ion: 99 Resp: 202690

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 34.5 25.4 38.0



#10

Phenol

Concen: 2.594 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109459.D

Acq: 29 Sep 2018 5:07

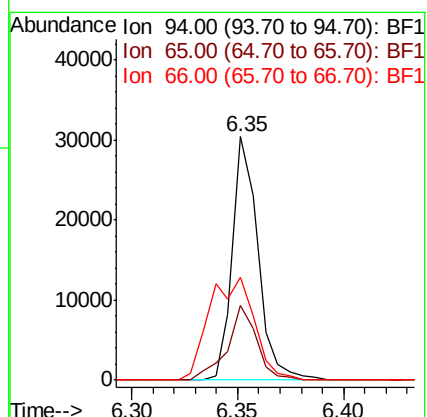
Tgt Ion: 94 Resp: 25473

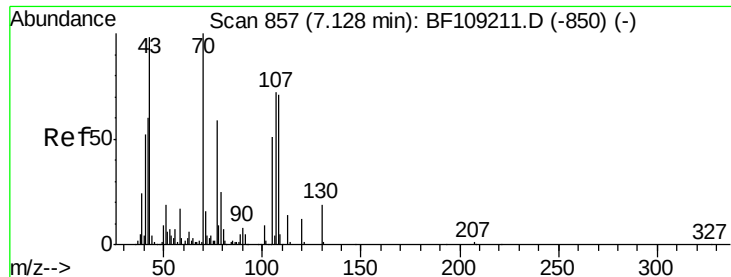
Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

66 42.1 16.2 56.2

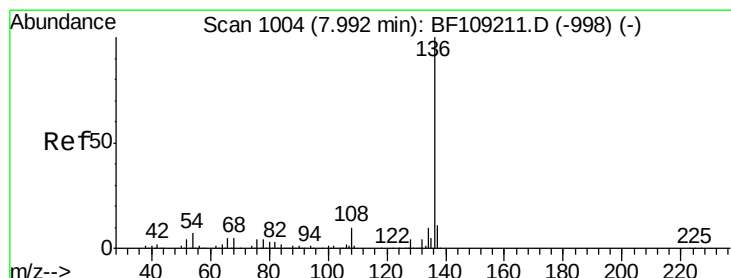
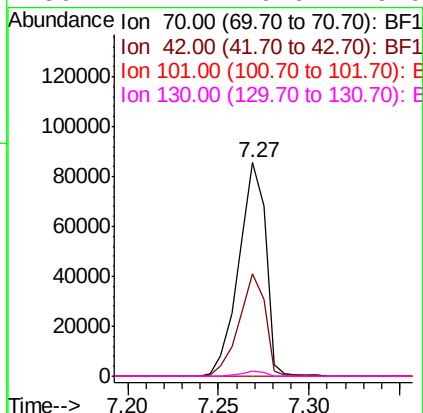
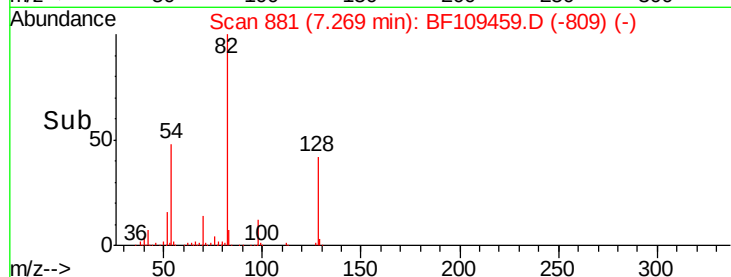
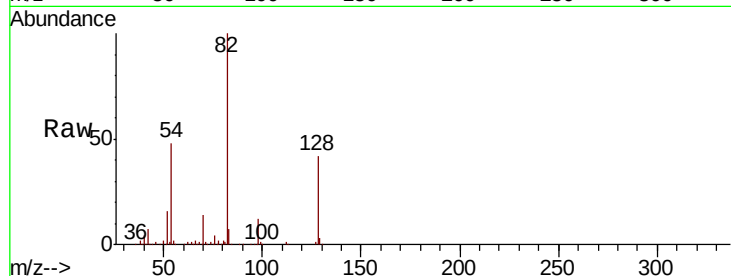




#19
n-Nitroso-di-n-propylamine
Concen: 15.634 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109459.D
Acq: 29 Sep 2018 5:07

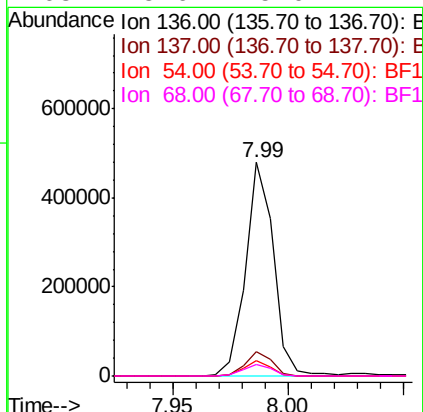
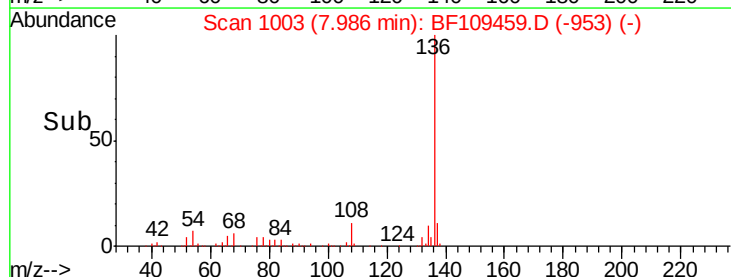
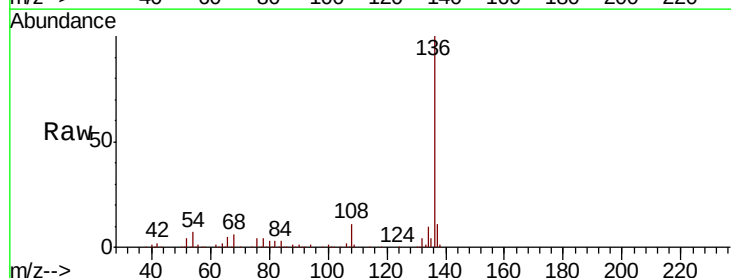
Instrument :
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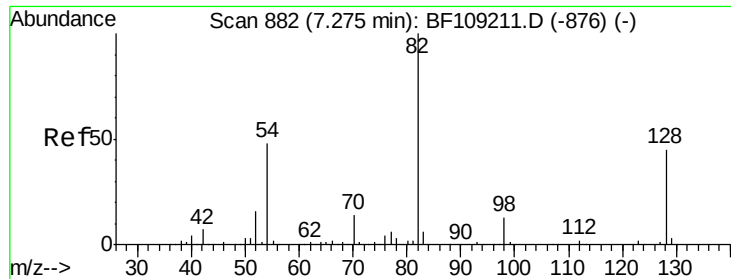
Tgt Ion: 70 Resp: 88818
Ion Ratio Lower Upper
70 100
42 47.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109459.D
Acq: 29 Sep 2018 5:07

Tgt Ion: 136 Resp: 407005
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 6.6 9.8
68 5.6 5.0 7.4

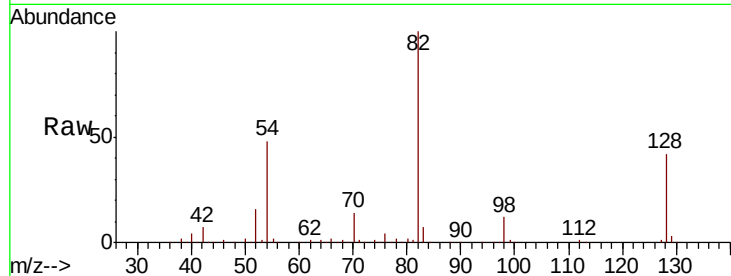




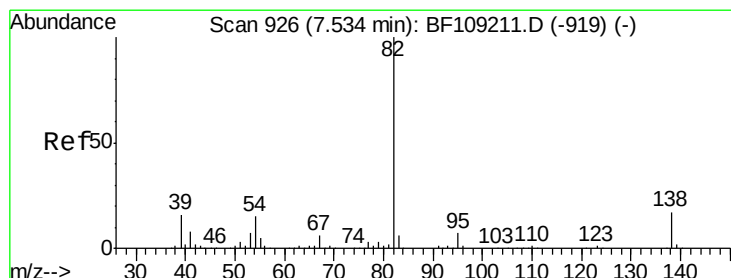
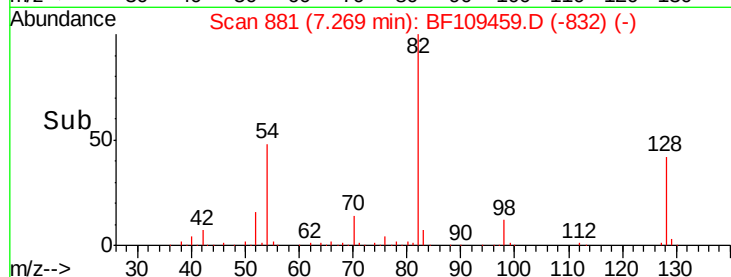
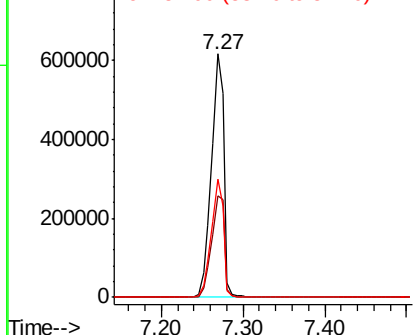
#23
 Nitrobenzene-d5
 Concen: 94.748 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109459.D
 Acq: 29 Sep 2018 5:07

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

Tgt Ion: 82 Resp: 653259
 Ion Ratio Lower Upper
 82 100
 128 42.0 36.1 54.1
 54 48.5 41.4 62.2

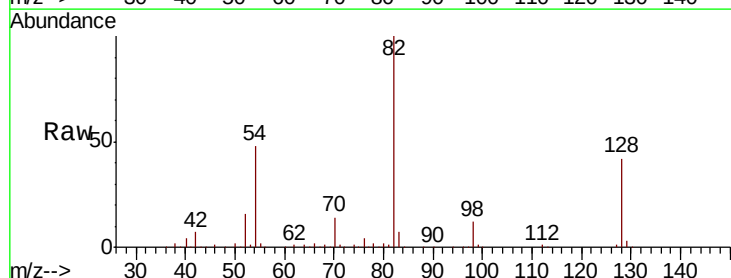


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

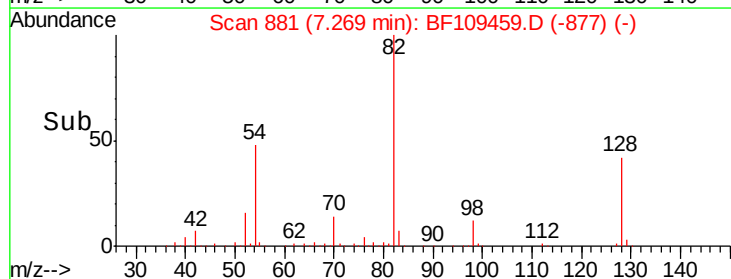
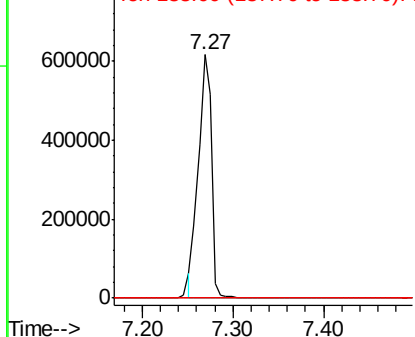


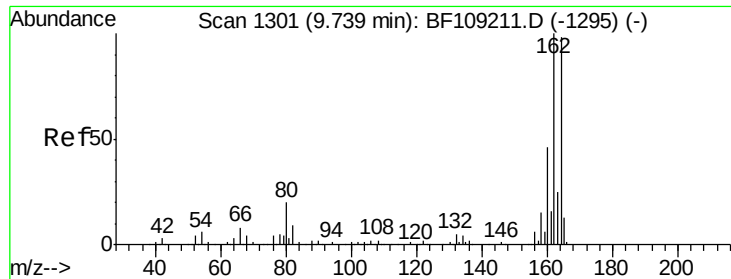
#25
 Isophorone
 Concen: 50.321 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109459.D
 Acq: 29 Sep 2018 5:07

Tgt Ion: 82 Resp: 624766
 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

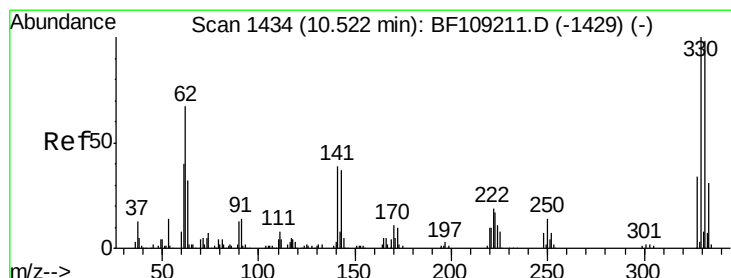
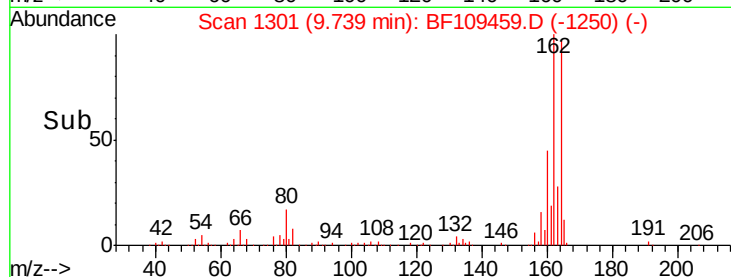
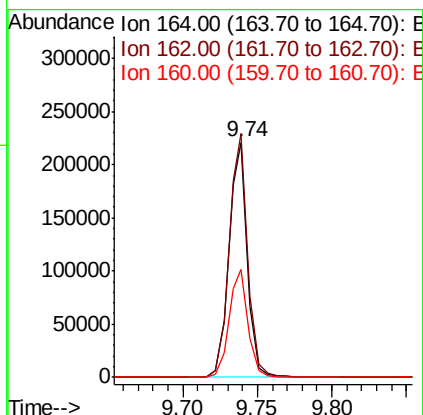
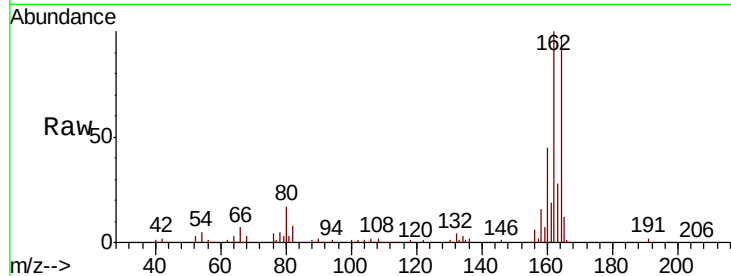




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109459.D
 Acq: 29 Sep 2018 5:07

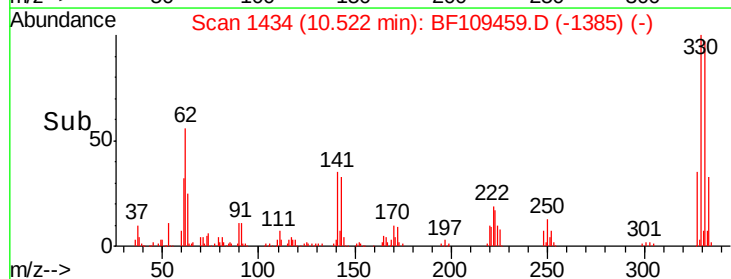
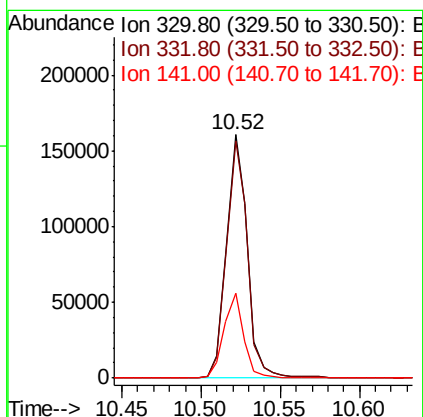
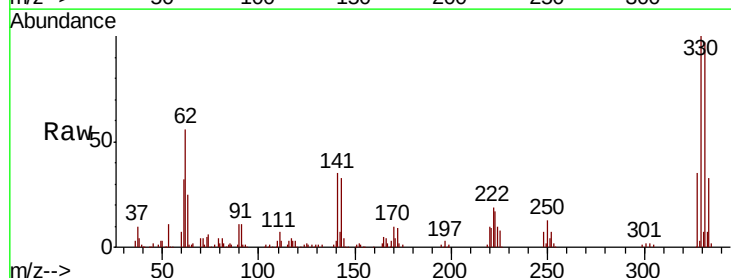
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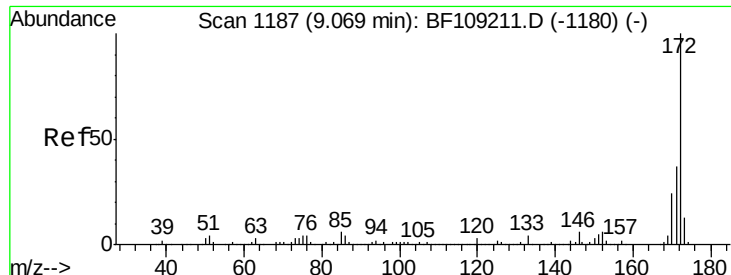
Tgt Ion:164 Resp: 193225
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 46.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 76.966 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109459.D
 Acq: 29 Sep 2018 5:07

Tgt Ion:330 Resp: 146604
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 33.4 29.9 44.9

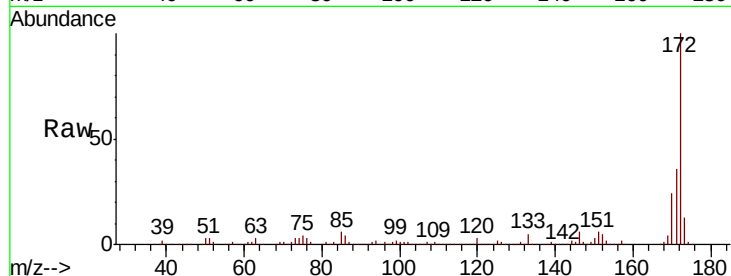




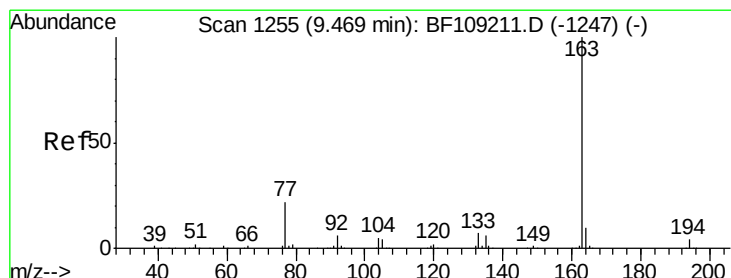
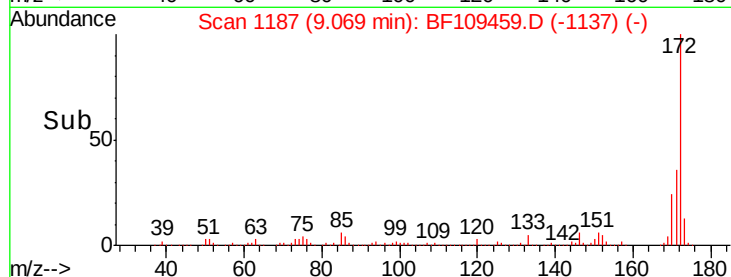
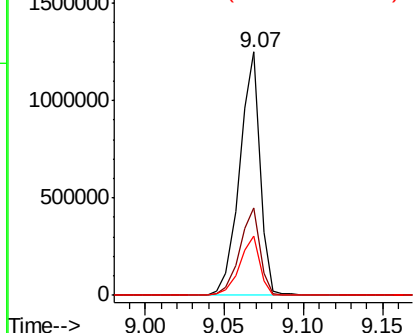
#44
2-Fluorobiphenyl
Concen: 86.903 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109459.D
Acq: 29 Sep 2018 5:07

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

Tgt Ion:172 Resp: 1113372
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.3 19.6 29.4

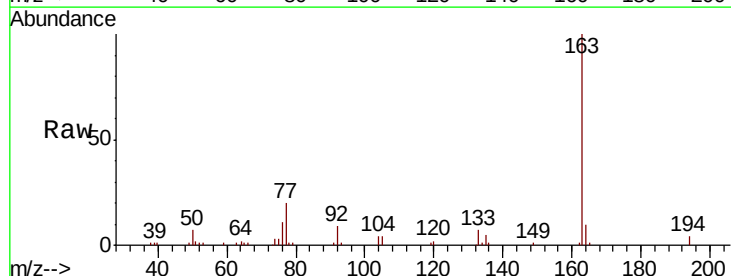


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

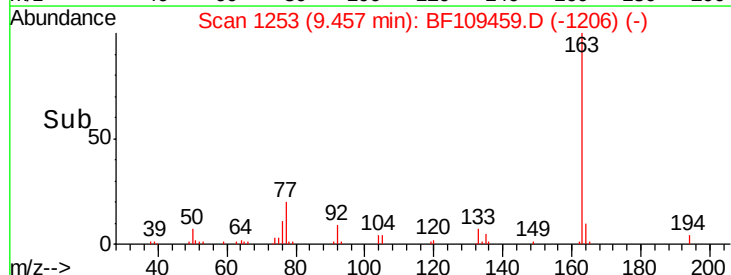
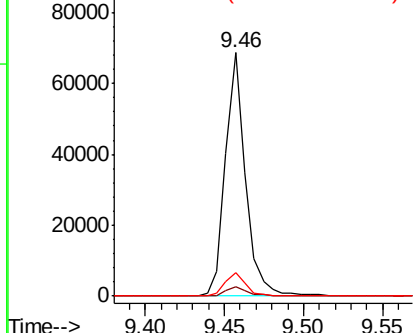


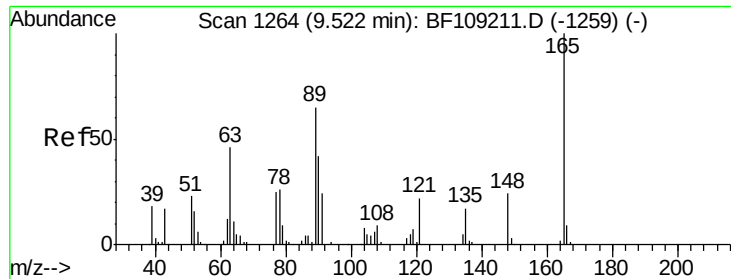
#49
Dimethylphthalate
Concen: 4.311 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109459.D
Acq: 29 Sep 2018 5:07

Tgt Ion:163 Resp: 60585
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.5 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

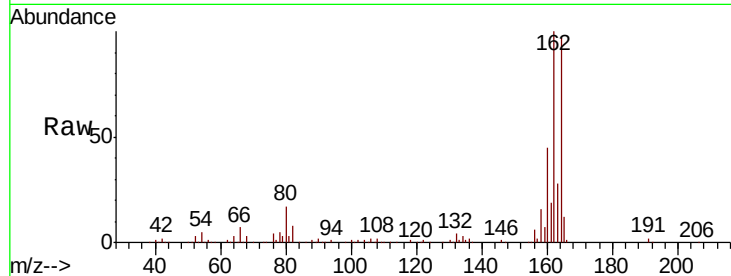




#50
 2,6-Dinitrotoluene
 Concen: 8.766 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF109459.D
 Acq: 29 Sep 2018 5:07

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

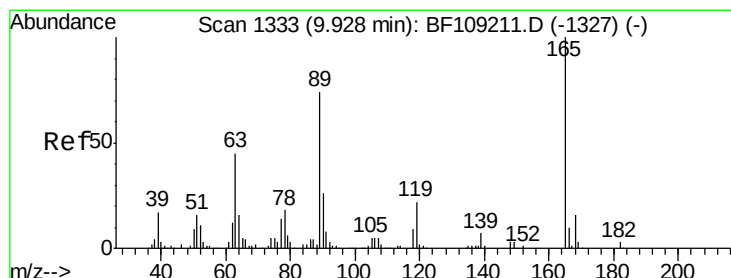
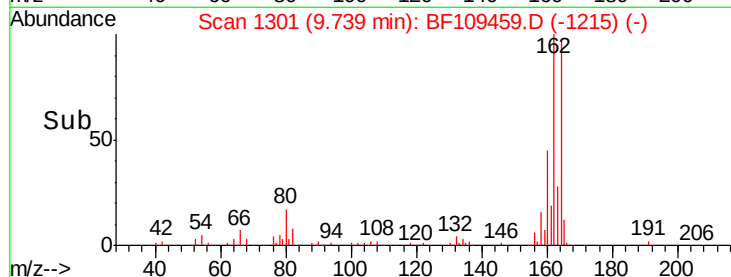
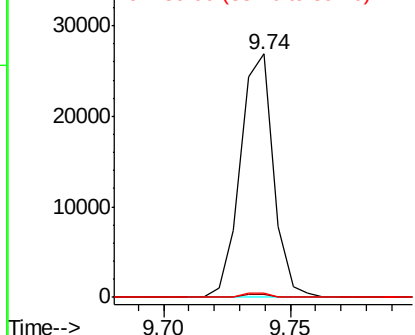
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.5	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

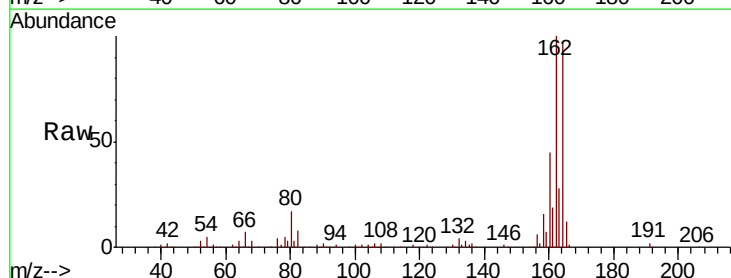
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.928 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109459.D
 Acq: 29 Sep 2018 5:07

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#

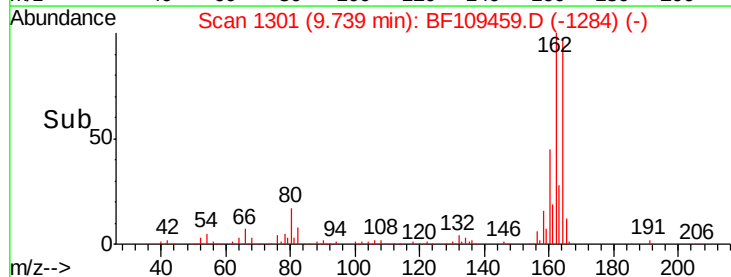
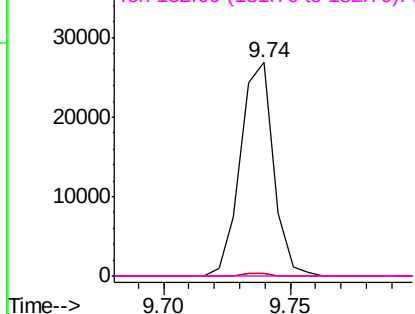


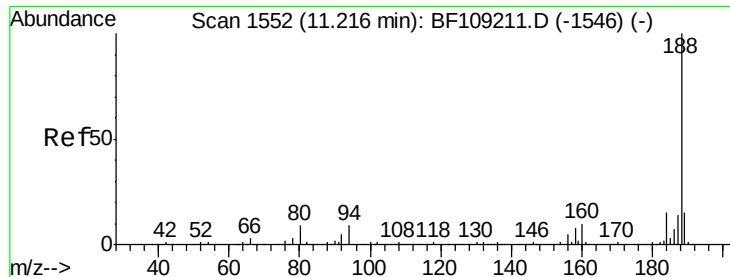
Abundance Ion 165.00 (164.70 to 165.70): E

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

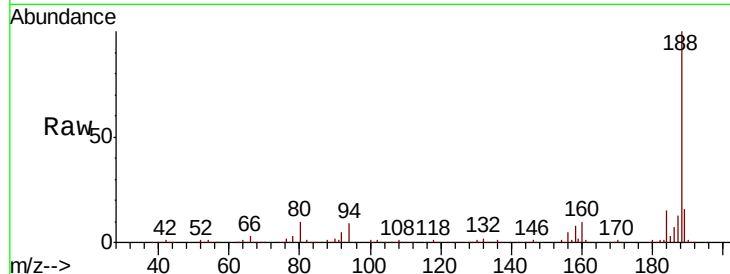




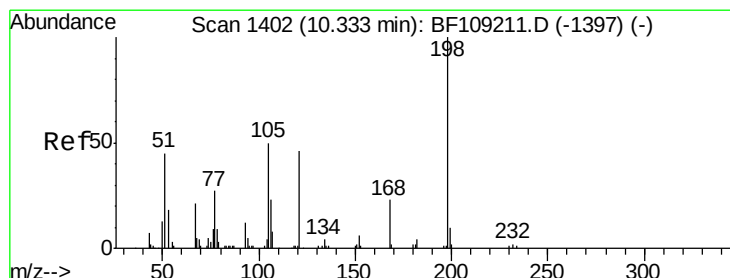
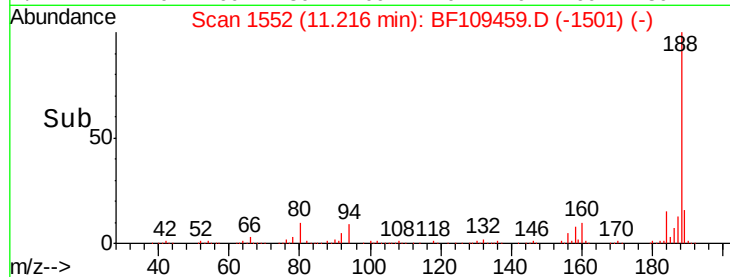
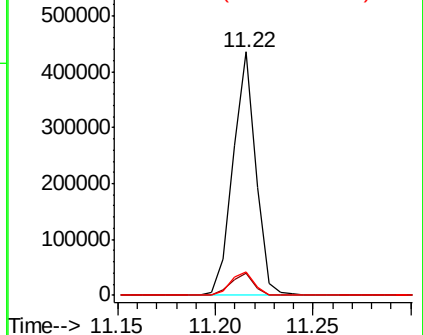
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109459.D
 Acq: 29 Sep 2018 5:07

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

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	354228		
94	9.3		8.5	12.7
80	9.7		9.2	13.8

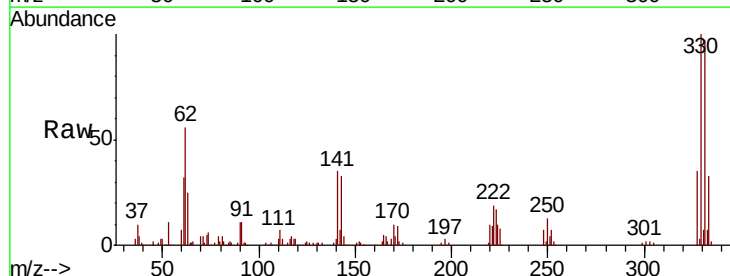


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

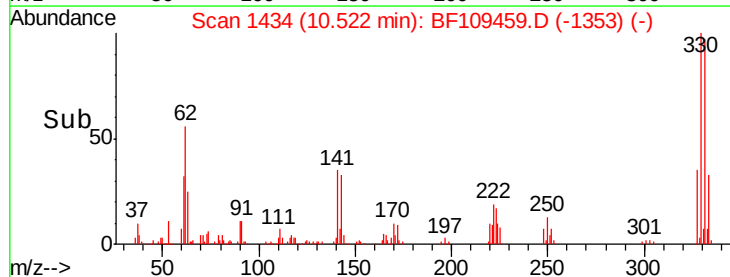
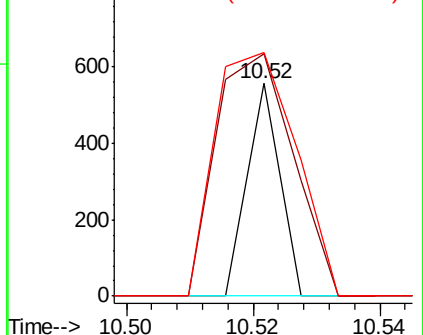


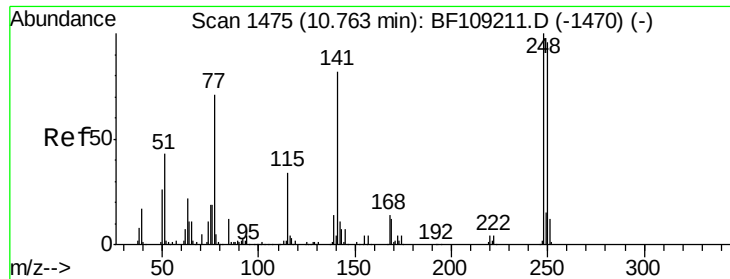
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.640 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109459.D
 Acq: 29 Sep 2018 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	197		
51	113.8		37.7	77.7#
105	114.5		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

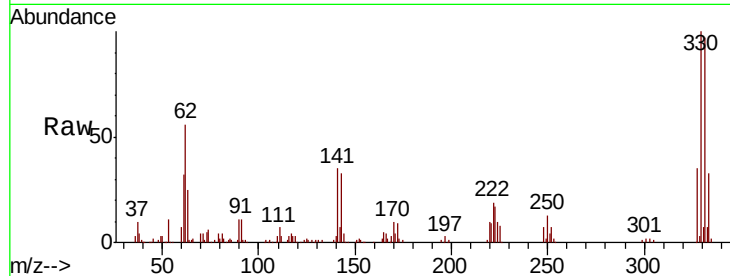




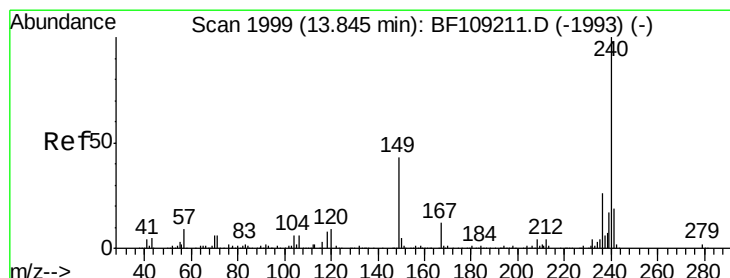
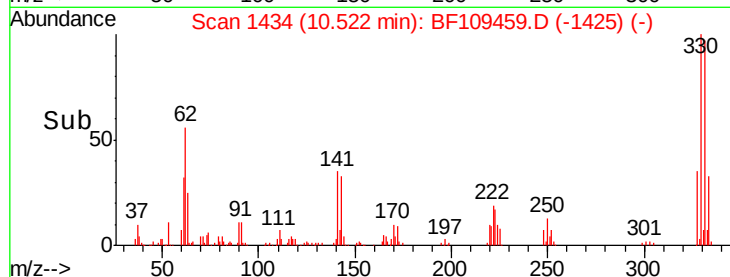
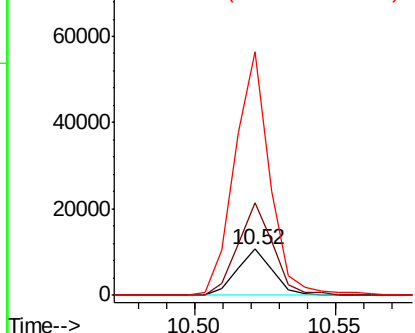
#66
4-Bromophenyl-phenylether
Concen: 2.352 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109459.D
Acq: 29 Sep 2018 5:07

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

Tgt Ion:248 Resp: 9250
Ion Ratio Lower Upper
248 100
250 201.3 76.9 115.3#
141 528.8 74.4 111.6#

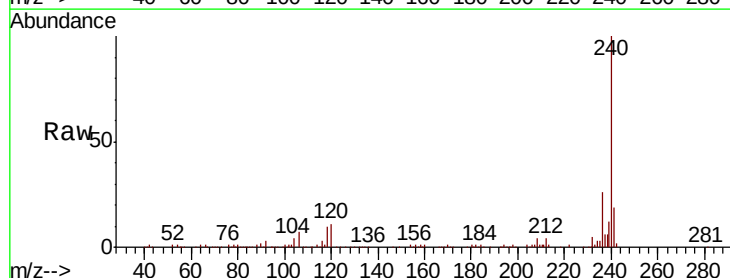


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

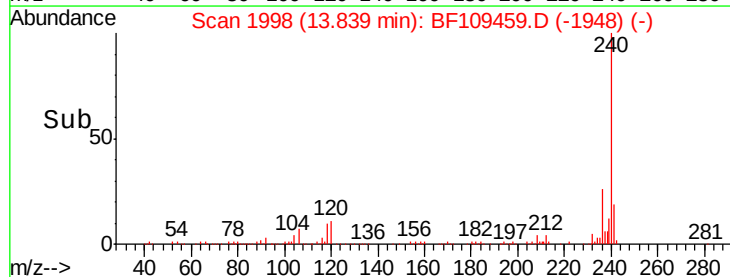
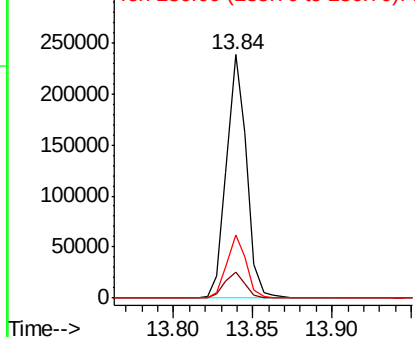


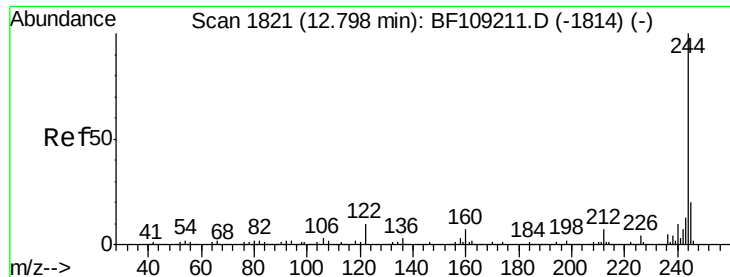
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109459.D
Acq: 29 Sep 2018 5:07

Tgt Ion:240 Resp: 208436
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 25.8 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: 113.032 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109459.D

Acq: 29 Sep 2018 5:07

Instrument :

BNA_F

ClientSampleId :

092618-TIPC-F-D-S

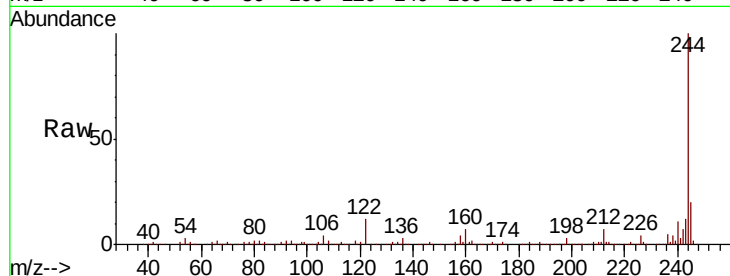
Tgt Ion:244 Resp: 960000

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

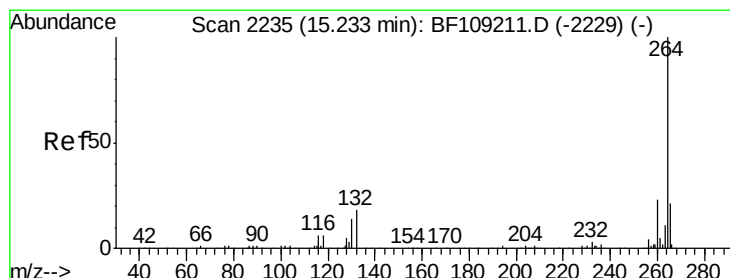
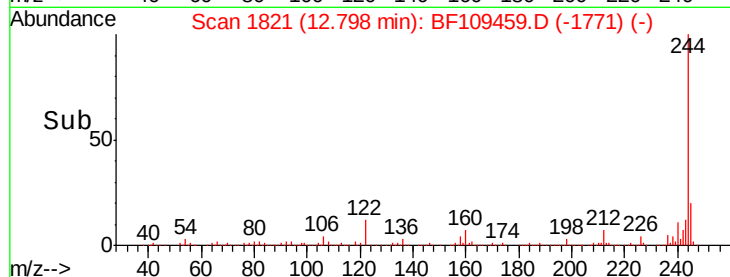
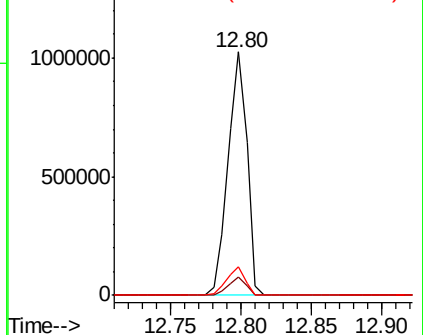
122 11.6 11.0 16.4



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: BF109459.D

Acq: 29 Sep 2018 5:07

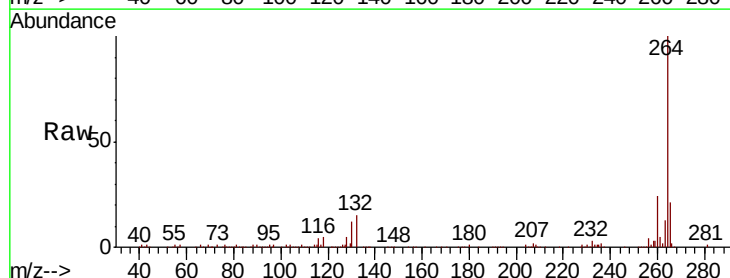
Tgt Ion:264 Resp: 215481

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.4 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

