

Data File : BF109371.D
Acq On : 27 Sep 2018 7:07
Operator : JU/SJ
Sample : J5051-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-D-B

Quant Time: Sep 27 07:33:28 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	97688	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	346413	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	144632	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	255935	20.00	ng	0.00
75) Chrysene-d12	13.84	240	270639	20.00	ng	0.00
86) Perylene-d12	15.24	264	239653	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	247164	41.67	ng	0.00
7) Phenol-d6	6.34	99	194057	25.64	ng	-0.02
23) Nitrobenzene-d5	7.27	82	596318	101.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	137495	96.44	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	954320	99.51	ng	-0.01
78) Terphenyl-d14	12.80	244	983401	89.18	ng	0.00

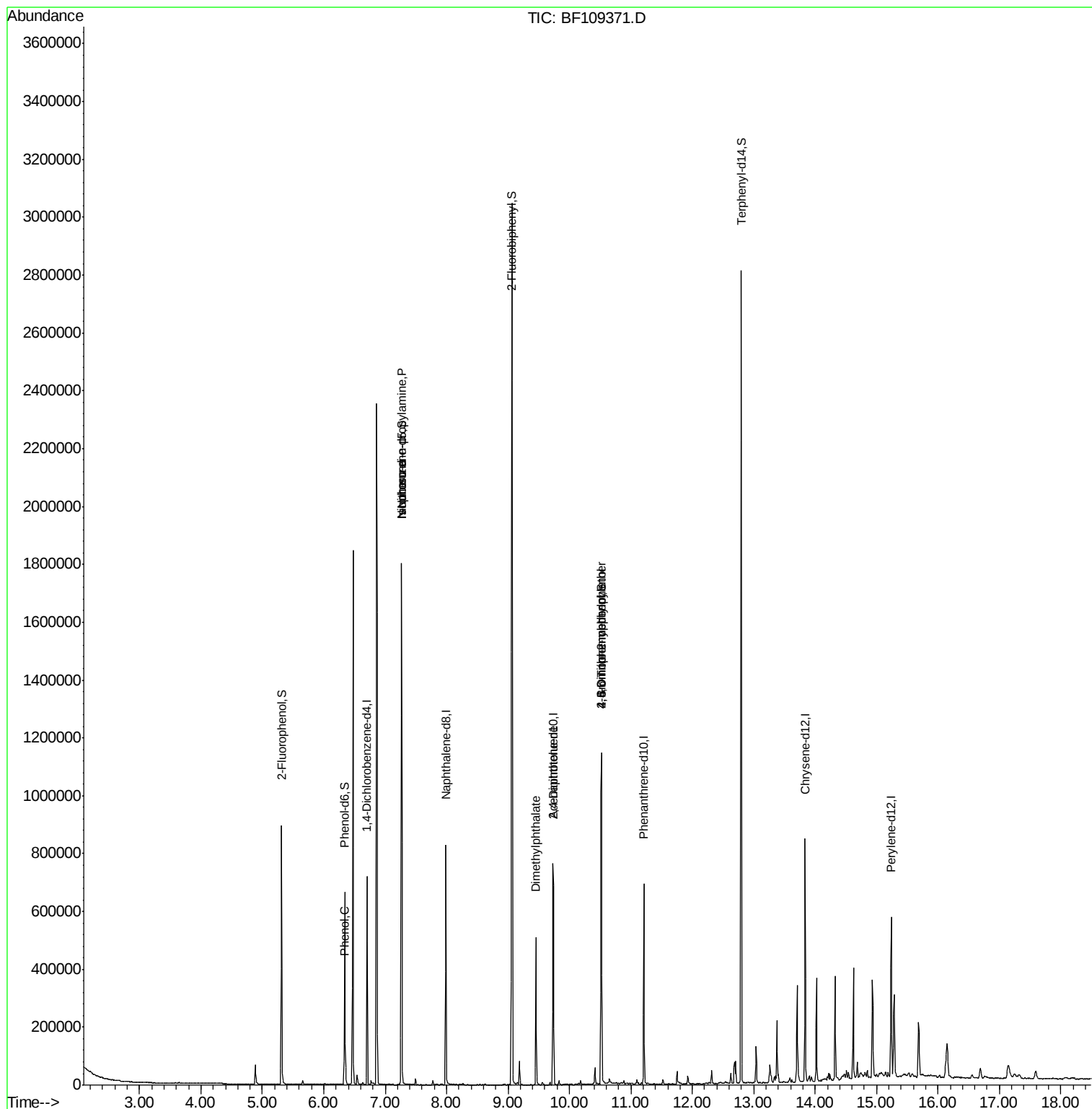
Target Compounds				Qvalue		
10) Phenol	6.35	94	27051	3.156	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	79845	16.101	ng	# 79
25) Isophorone	7.27	82	570469	53.985	ng	# 64
49) Dimethylphthalate	9.46	163	190930	18.150	ng	99
56) 2,4-Dinitrotoluene	9.73	165	19216	7.289	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	261	6.740	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8505	2.993	ng	# 1

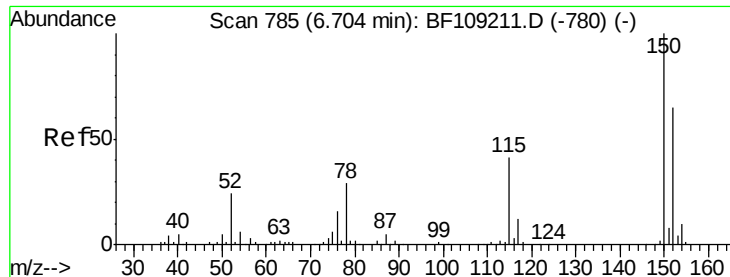
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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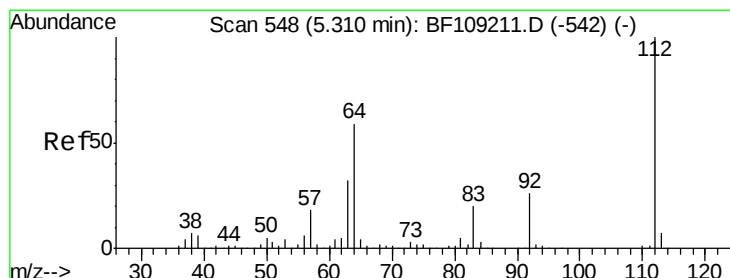
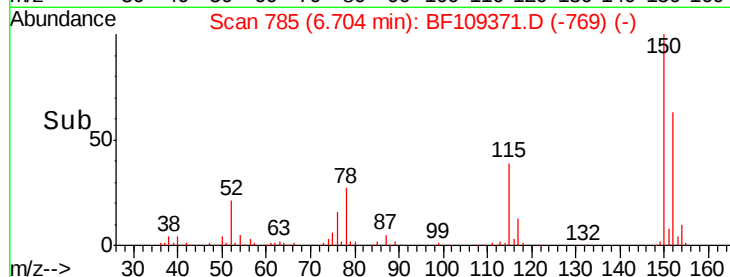
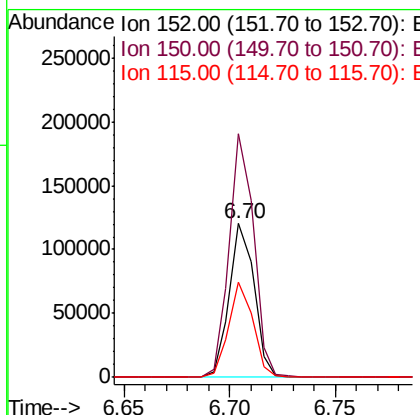
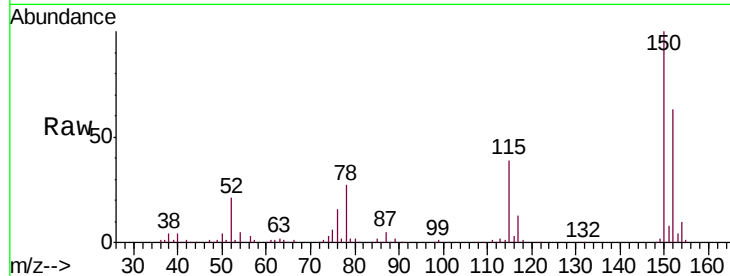




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109371.D
 Acq: 27 Sep 2018 7:07

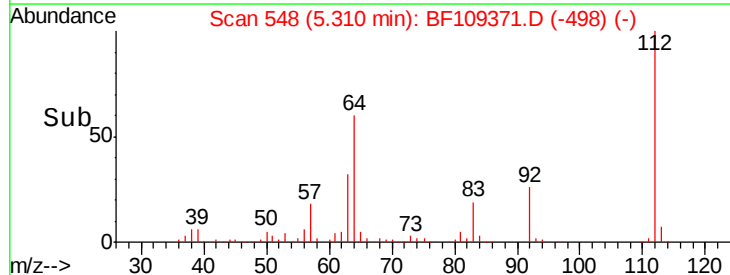
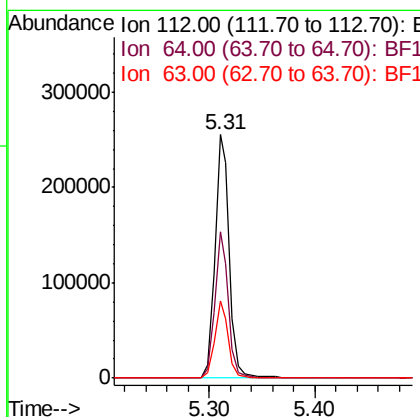
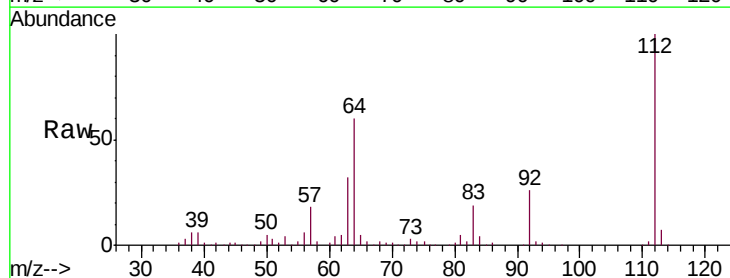
Instrument :
 BNA_F
 ClientSampleId :
 092118-TIPC-F-D-B

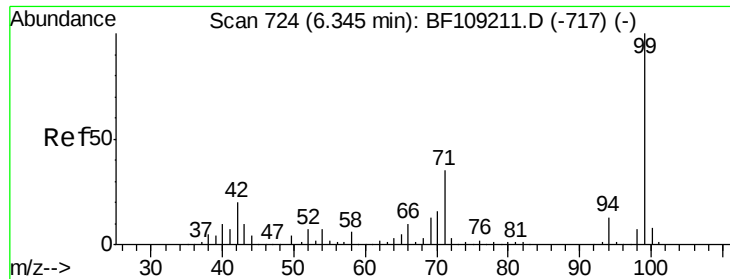
Tgt Ion:152 Resp: 97688
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 62.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 41.673 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109371.D
 Acq: 27 Sep 2018 7:07

Tgt Ion:112 Resp: 247164
 Ion Ratio Lower Upper
 112 100
 64 59.9 47.9 71.9
 63 31.6 23.7 35.5





#7

Phenol-d6

Concen: 25.641 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109371.D

Acq: 27 Sep 2018 7:07

Instrument :

BNA_F

ClientSampleId :

092118-TIPC-F-D-B

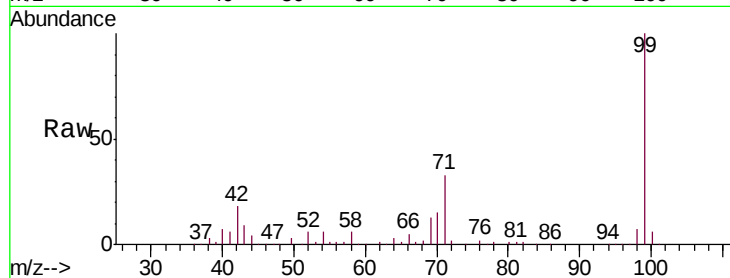
Tgt Ion: 99 Resp: 194057

Ion Ratio Lower Upper

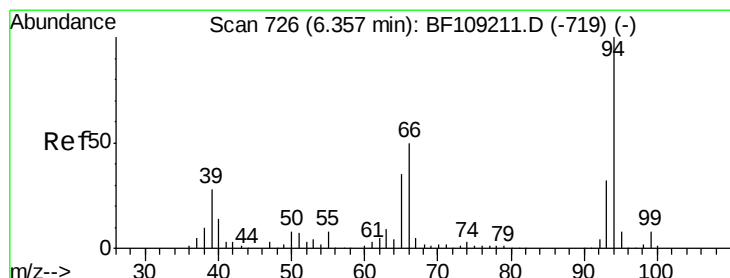
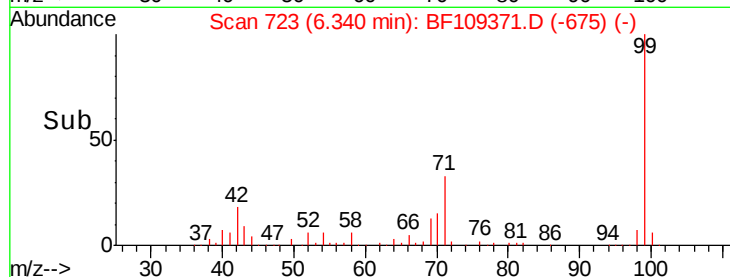
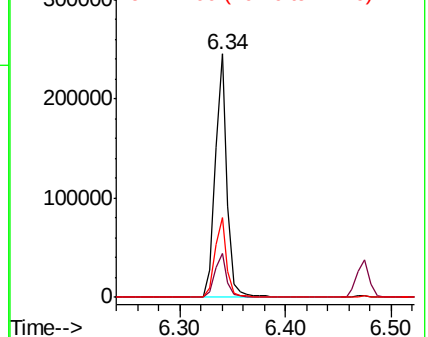
99 100

42 18.0 14.5 21.7

71 32.6 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: 3.156 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109371.D

Acq: 27 Sep 2018 7:07

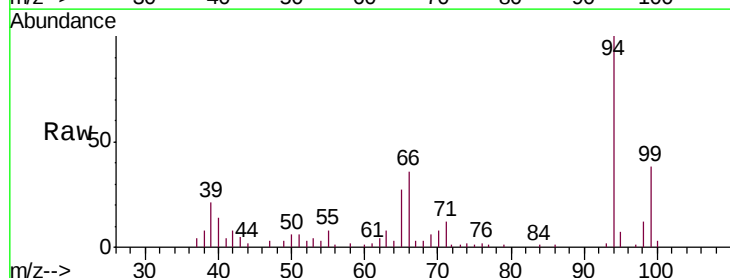
Tgt Ion: 94 Resp: 27051

Ion Ratio Lower Upper

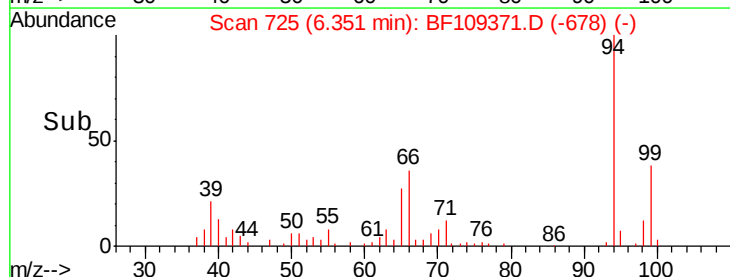
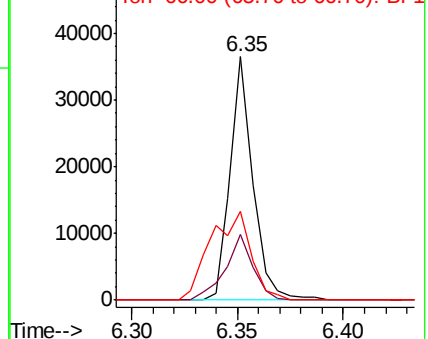
94 100

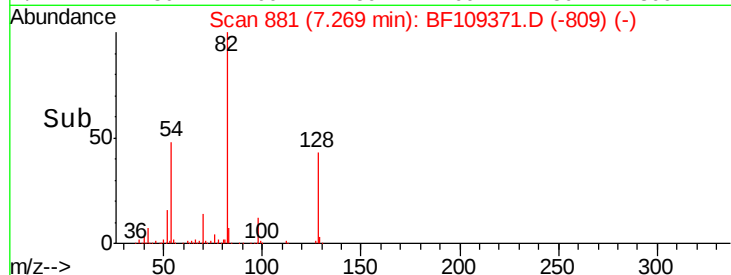
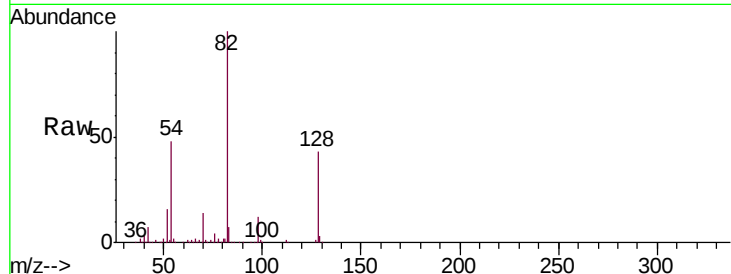
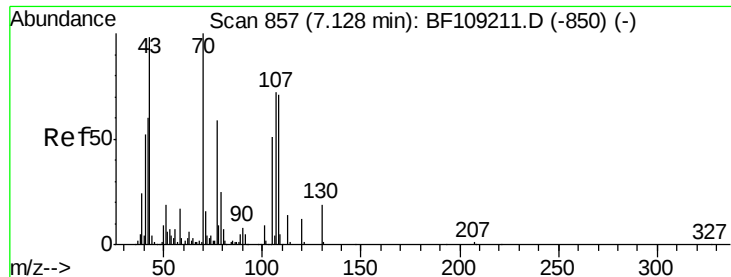
65 27.2 7.9 47.9

66 36.5 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

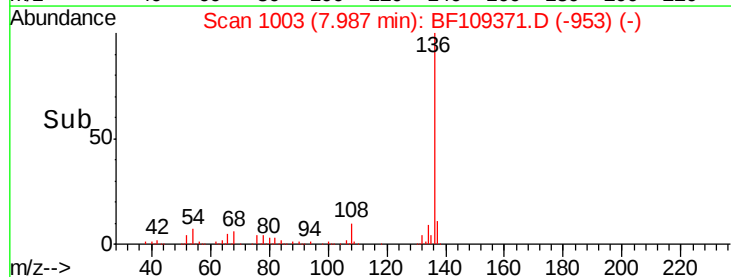
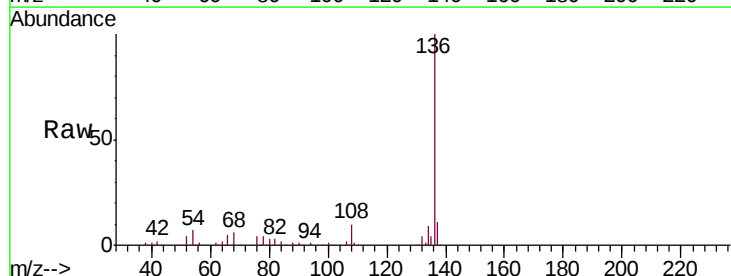
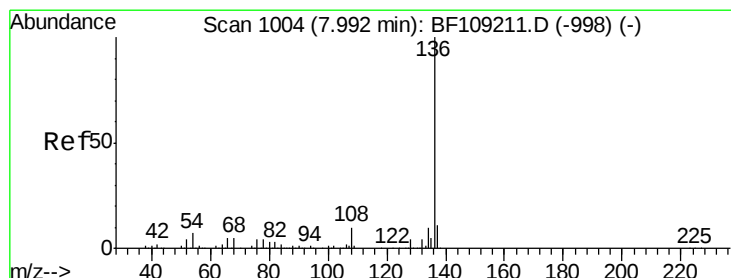
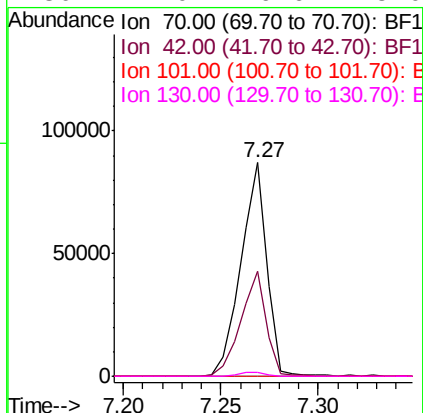




#19
n-Nitroso-di-n-propylamine
Concen: 16.101 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109371.D
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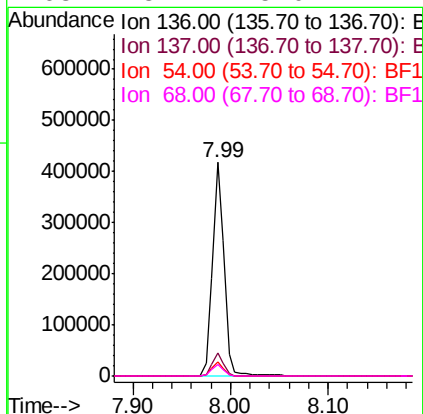
Instrument :
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092118-TIPC-F-D-B

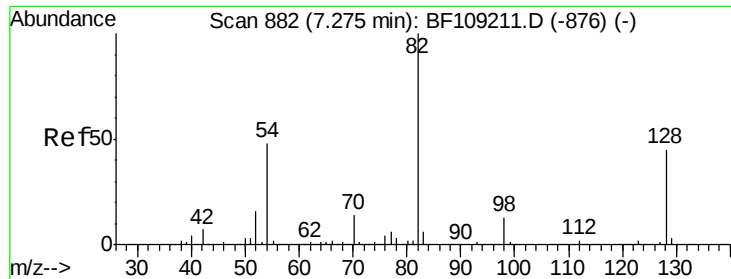
Tgt Ion:	70	Resp:	79845
Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109371.D
Acq: 27 Sep 2018 7:07

Tgt Ion:	136	Resp:	346413
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	5.7	5.0	7.4

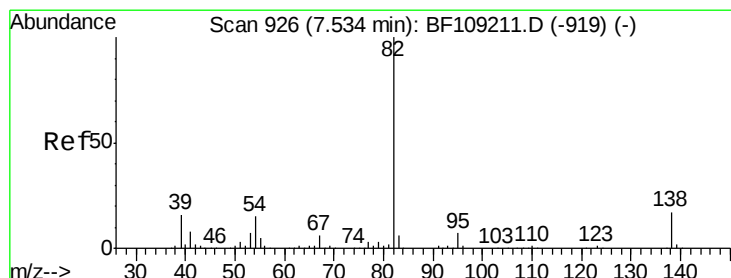
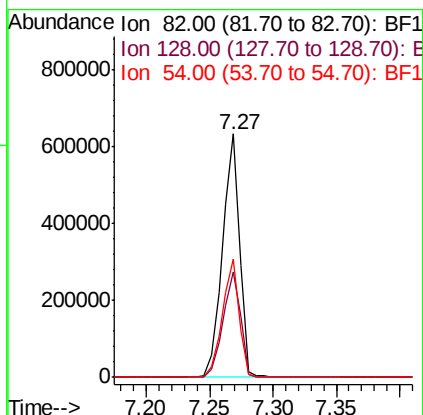
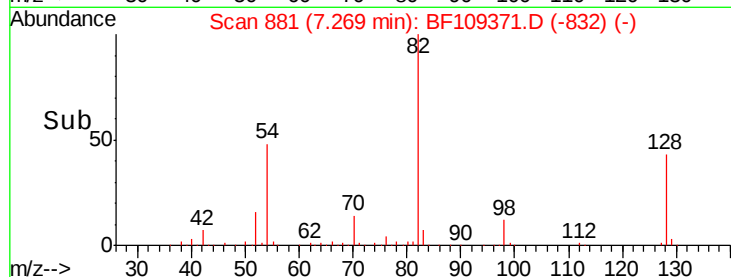
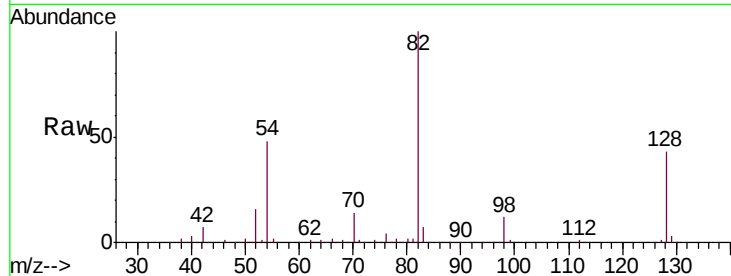




#23
 Nitrobenzene-d5
 Concen: 101.617 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109371.D
 Acq: 27 Sep 2018 7:07

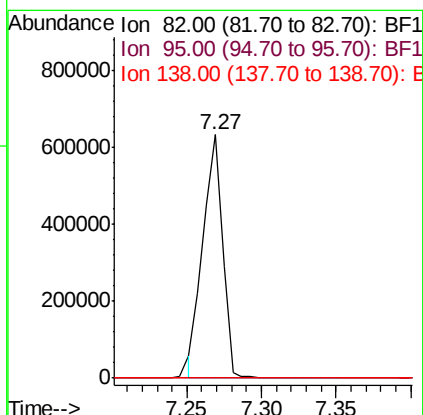
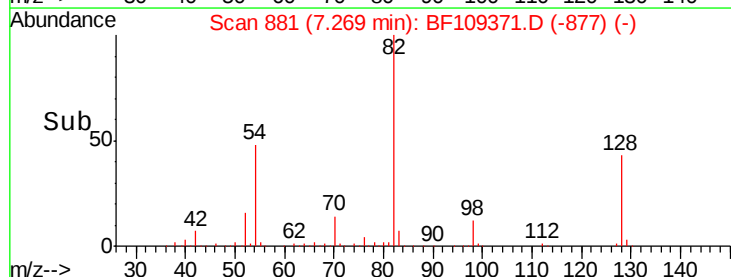
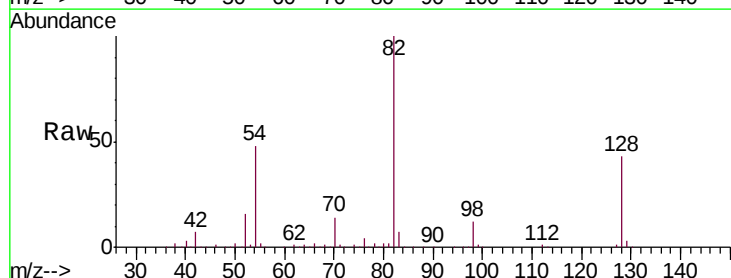
Instrument :
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 ClientSampleId :
 092118-TIPC-F-D-B

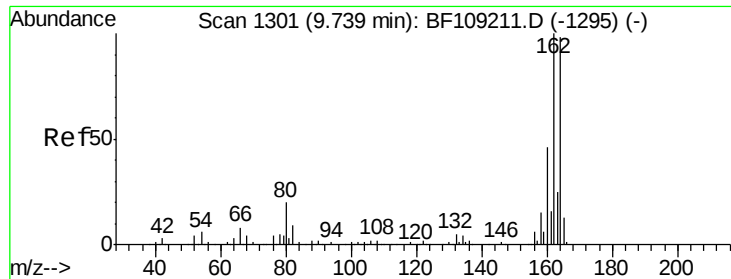
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	48.3	41.4	62.2



#25
 Isophorone
 Concen: 53.985 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109371.D
 Acq: 27 Sep 2018 7:07

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

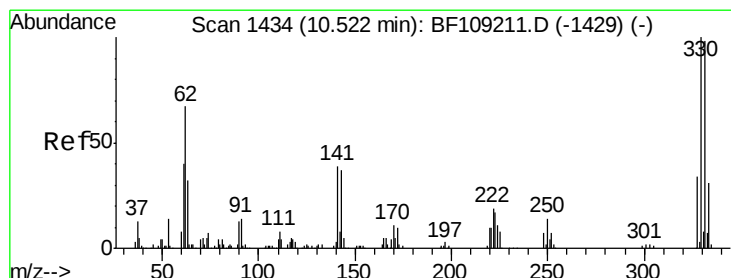
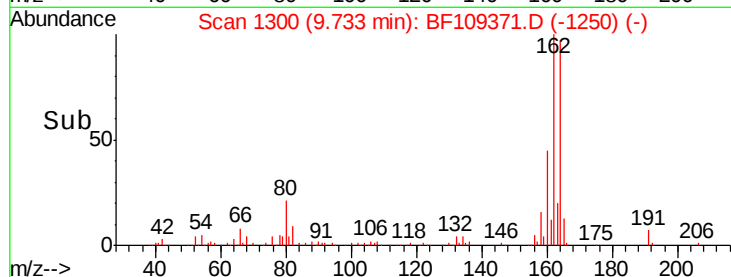
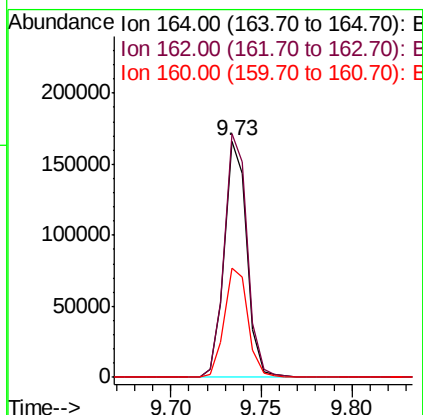
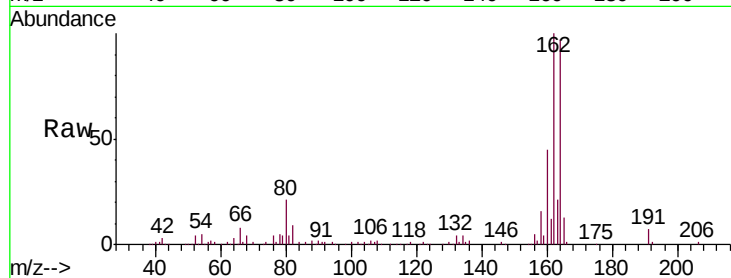




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109371.D
 Acq: 27 Sep 2018 7:07

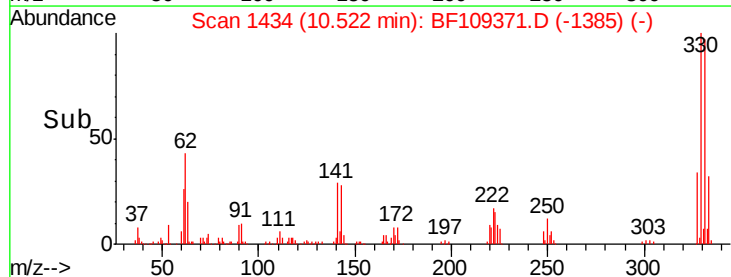
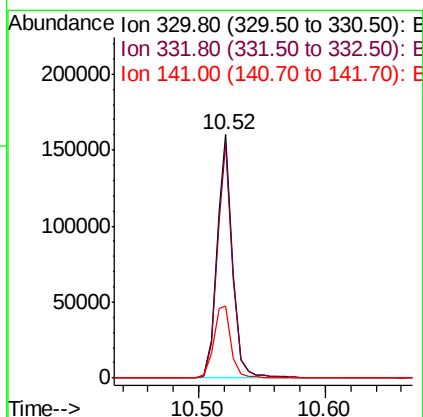
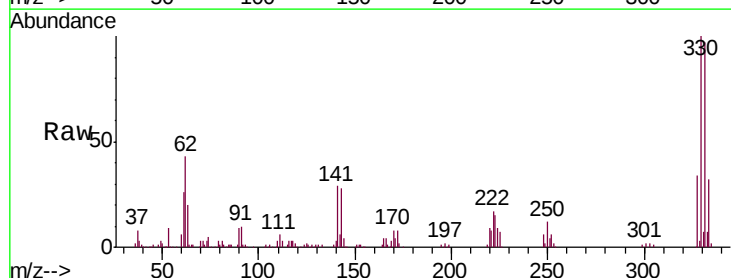
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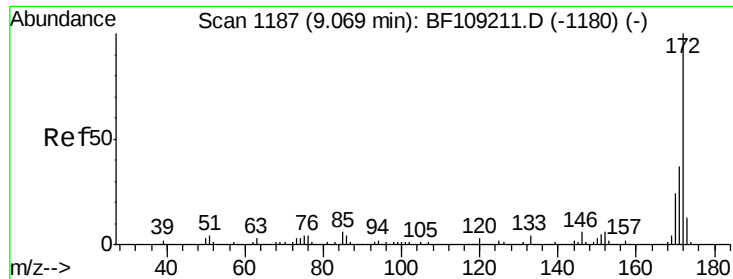
Tgt Ion:164 Resp: 144632
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 46.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 96.436 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109371.D
 Acq: 27 Sep 2018 7:07

Tgt Ion:330 Resp: 137495
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.2 29.9 44.9

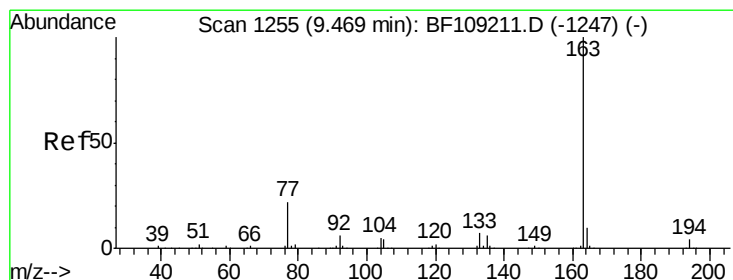
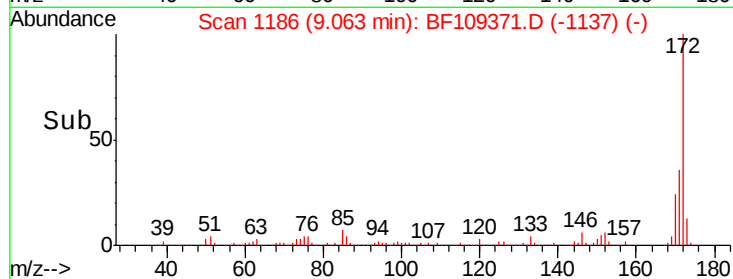
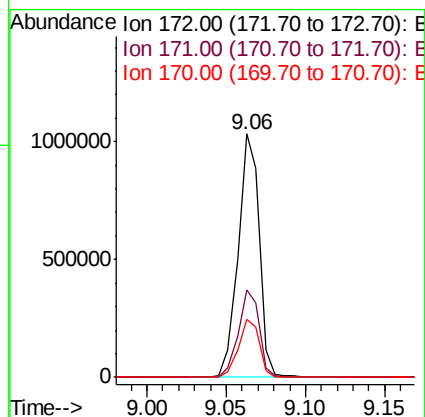
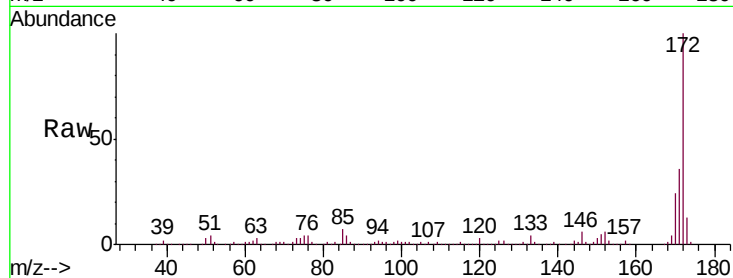




#44
2-Fluorobiphenyl
Concen: 99.514 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109371.D
Acq: 27 Sep 2018 7:07

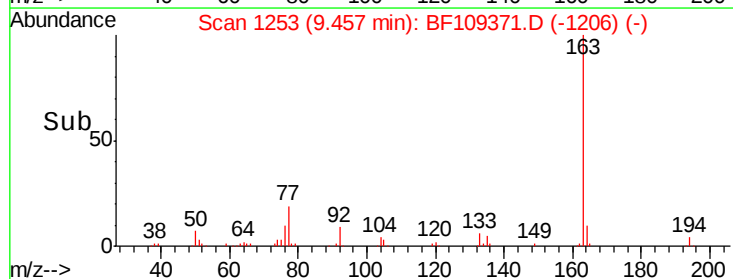
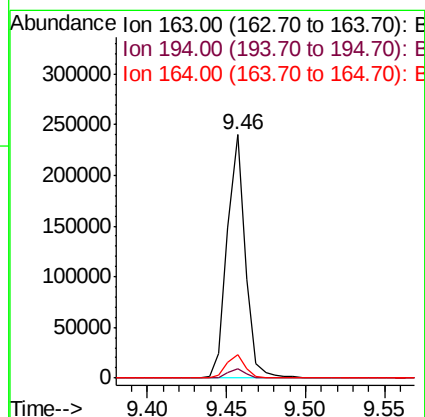
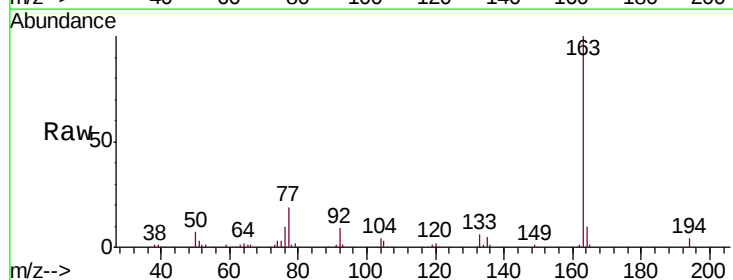
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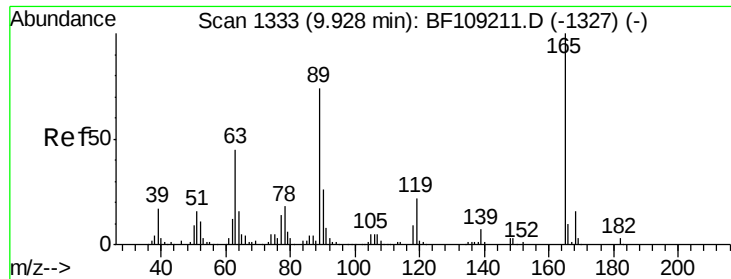
Tgt Ion:172 Resp: 954320
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 18.150 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109371.D
Acq: 27 Sep 2018 7:07

Tgt Ion:163 Resp: 190930
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 9.8 8.2 12.2

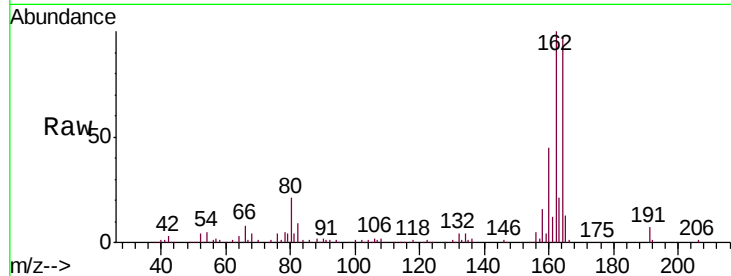




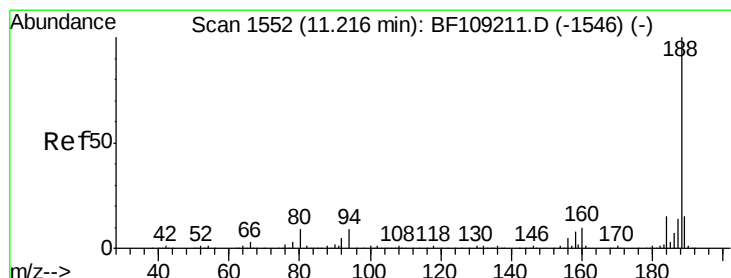
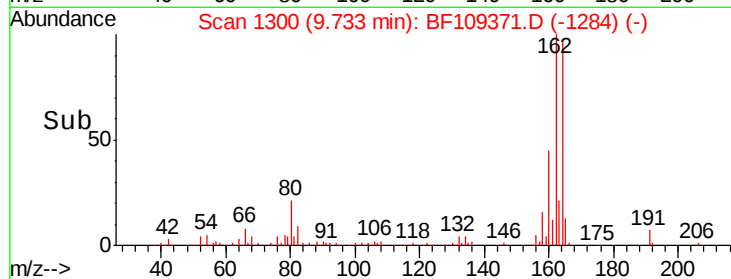
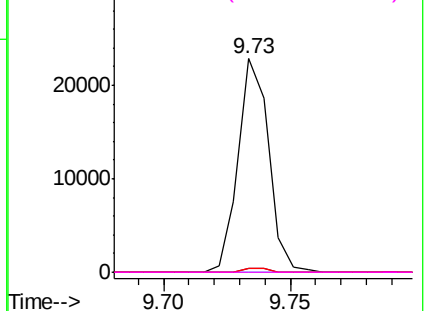
#56
 2,4-Dinitrotoluene
 Concen: 7.289 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109371.D
 Acq: 27 Sep 2018 7:07

Instrument :
 BNA_F
 ClientSampleId :
 092118-TIPC-F-D-B

Tgt Ion:	165	Resp:	19216
Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

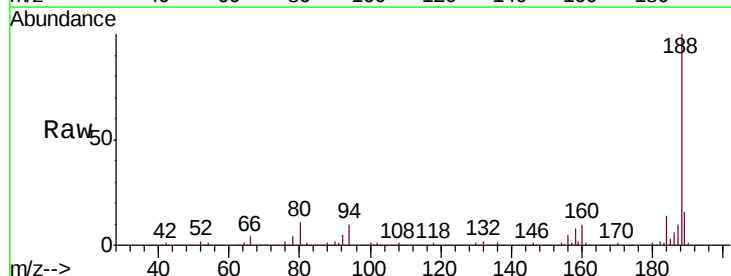


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

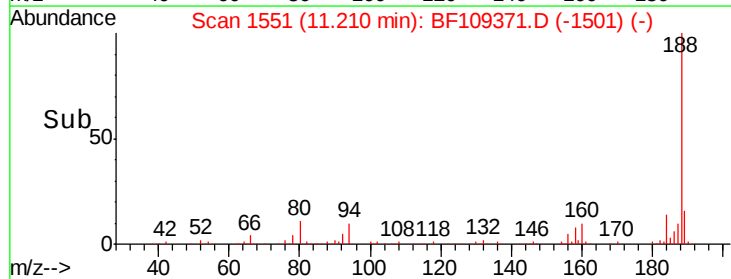
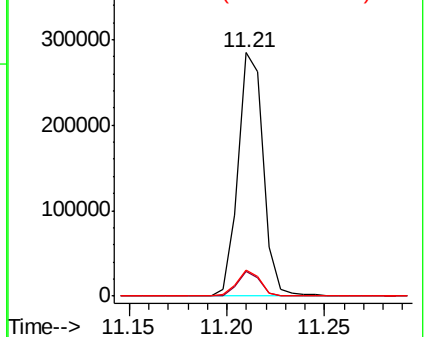


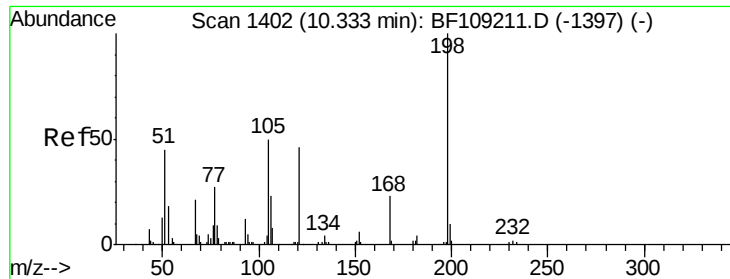
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109371.D
 Acq: 27 Sep 2018 7:07

Tgt Ion:	188	Resp:	255935
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.5	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

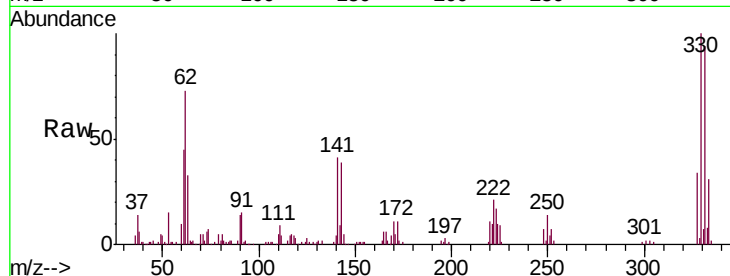




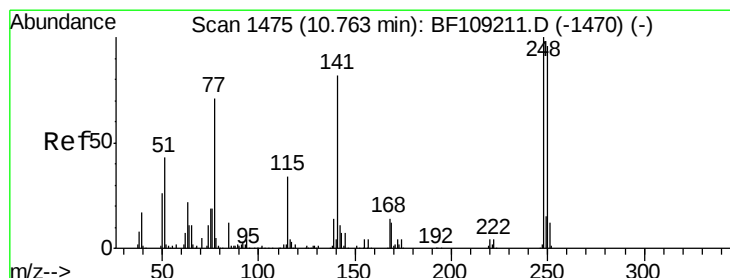
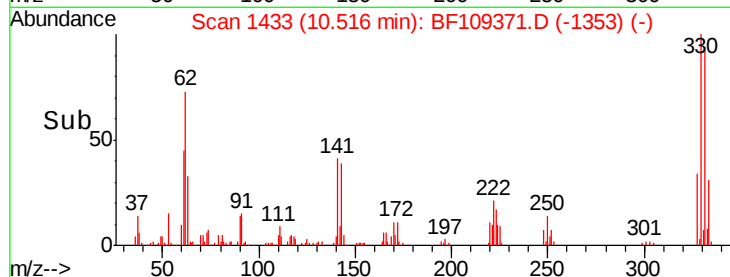
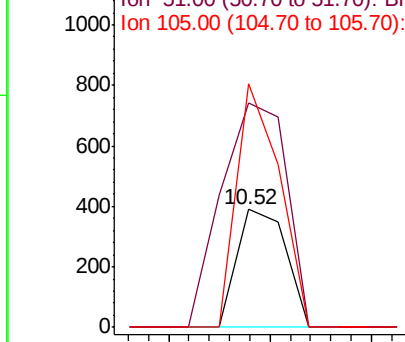
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.740 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109371.D
 Acq: 27 Sep 2018 7:07

Instrument :
 BNA_F
 ClientSampleId :
 092118-TIPC-F-D-B

Tgt Ion:198 Resp: 261
 Ion Ratio Lower Upper
 198 100
 51 189.7 37.7 77.7#
 105 206.4 36.3 76.3#

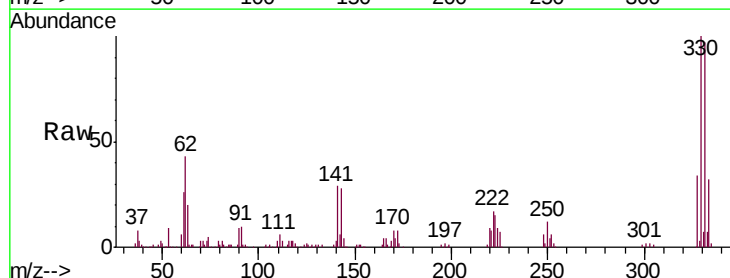


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

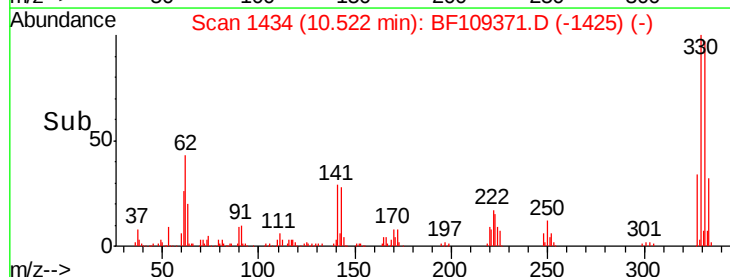
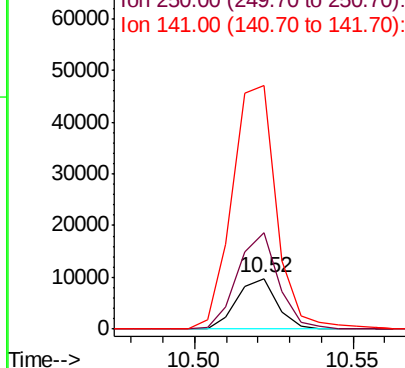


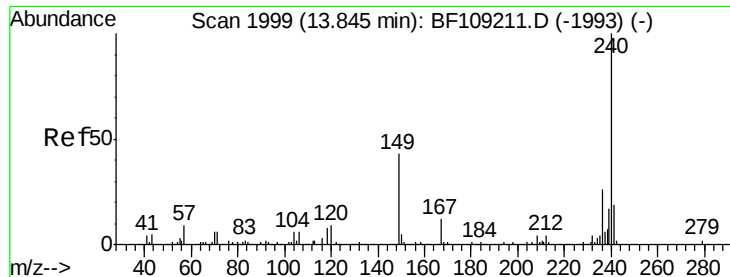
#66
 4-Bromophenyl-phenylether
 Concen: 2.993 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109371.D
 Acq: 27 Sep 2018 7:07

Tgt Ion:248 Resp: 8505
 Ion Ratio Lower Upper
 248 100
 250 190.2 76.9 115.3#
 141 481.2 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: BF109371.D

Acq: 27 Sep 2018 7:07

Instrument :

BNA_F

ClientSampleId :

092118-TIPC-F-D-B

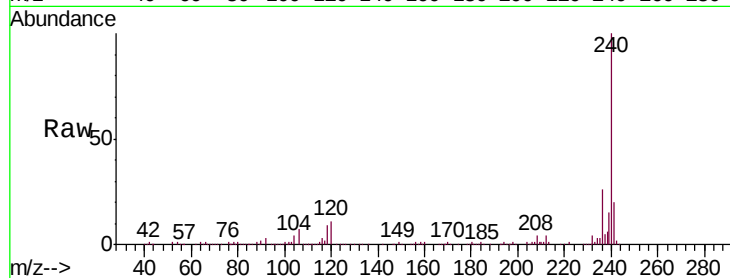
Tgt Ion:240 Resp: 270639

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

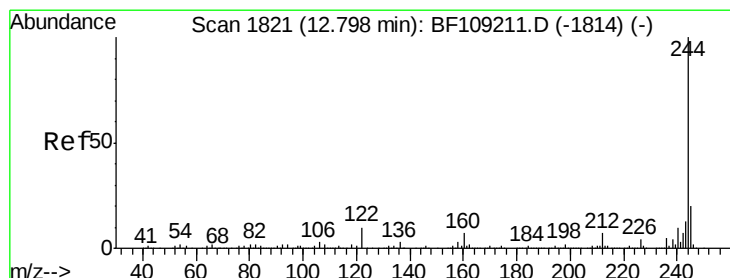
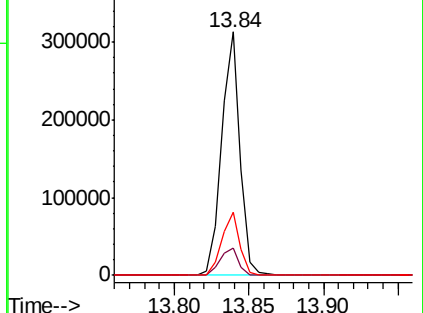
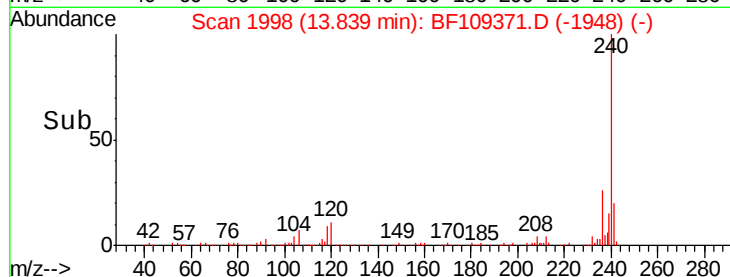
236 25.9 20.7 31.1



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: 89.175 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109371.D

Acq: 27 Sep 2018 7:07

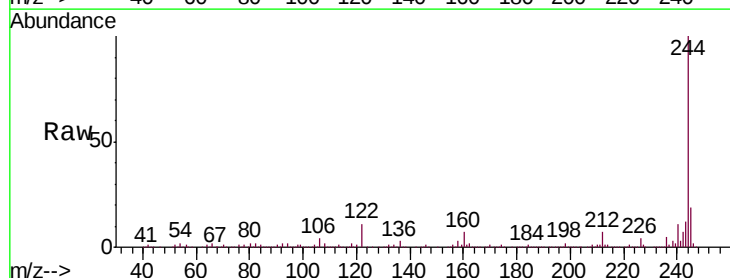
Tgt Ion:244 Resp: 983401

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

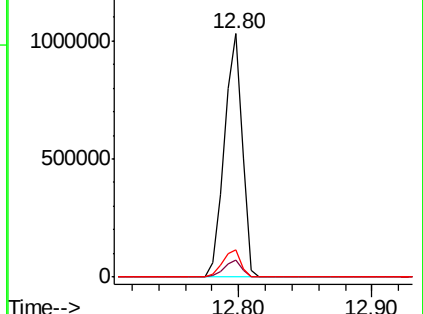
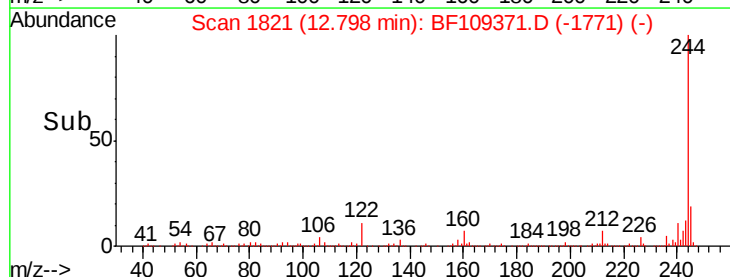
122 11.0 11.0 16.4

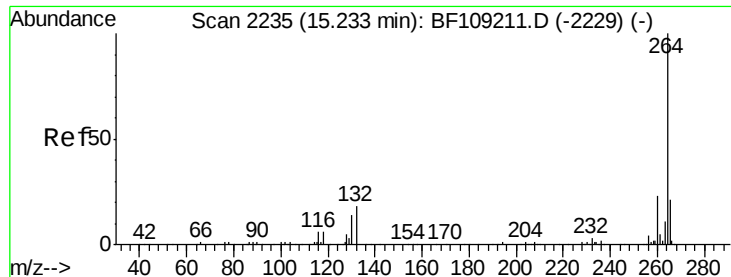


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

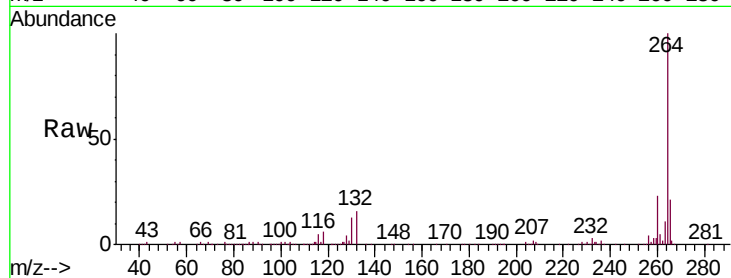




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109371.D
Acq: 27 Sep 2018 7:07

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	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

