

Data File : BF109372.D
Acq On : 27 Sep 2018 7:34
Operator : JU/SJ
Sample : J5051-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Sep 27 07:57:49 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	112454	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	403617	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	173402	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	290045	20.00	ng	0.00
75) Chrysene-d12	13.84	240	293683	20.00	ng	0.00
86) Perylene-d12	15.24	264	237638	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	279615	40.95	ng	0.00
7) Phenol-d6	6.34	99	222307	25.52	ng	-0.02
23) Nitrobenzene-d5	7.27	82	691478	101.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	155438	90.93	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1101006	95.76	ng	-0.01
78) Terphenyl-d14	12.80	244	1083952	90.58	ng	0.00

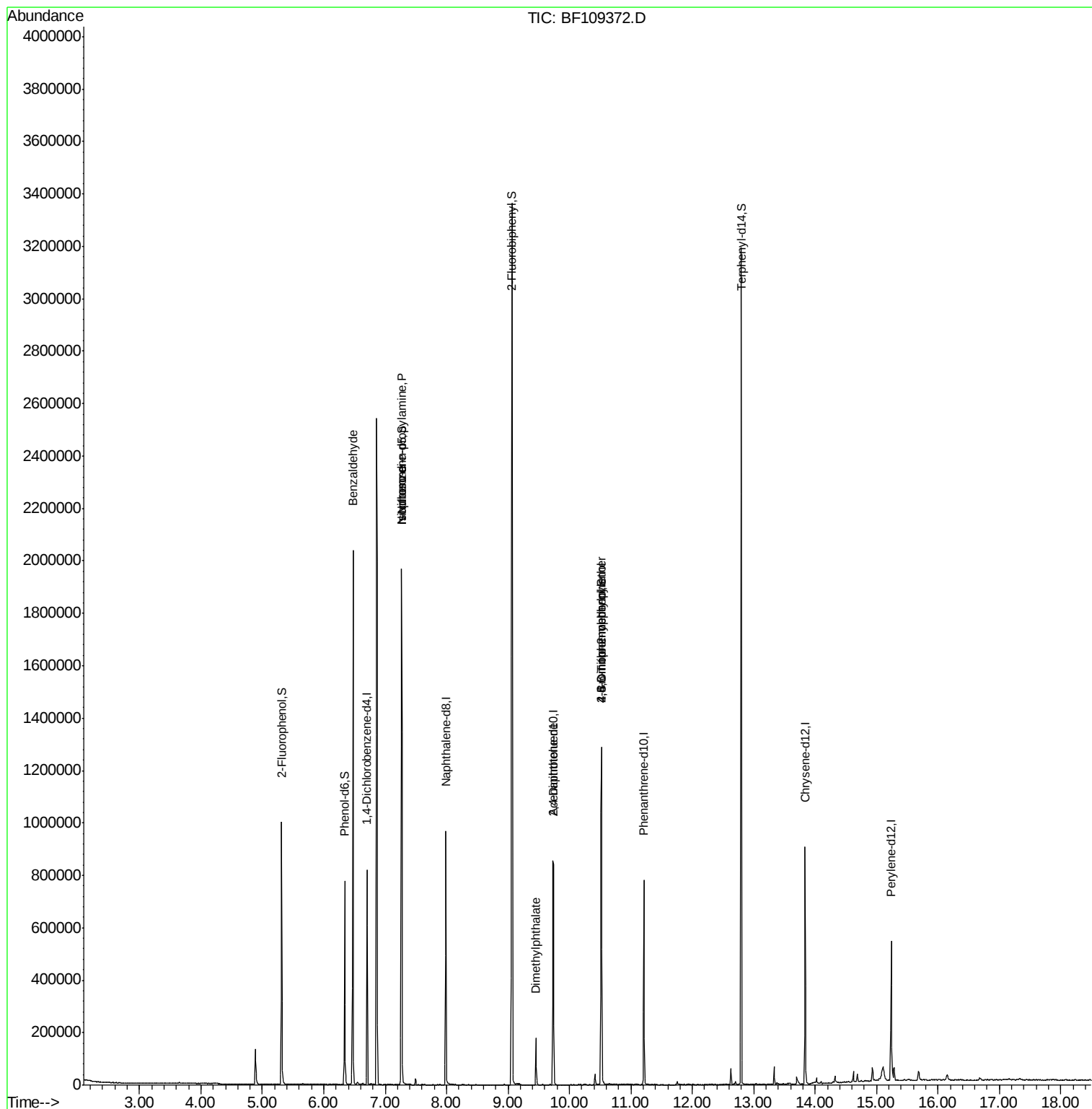
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	12166	2.174	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	93579	16.392	ng	# 78
25) Isophorone	7.27	82	662516	53.810	ng	# 64
49) Dimethylphthalate	9.46	163	71561	5.674	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	21637	6.846	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	258	6.712	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9658	2.999	ng	# 1

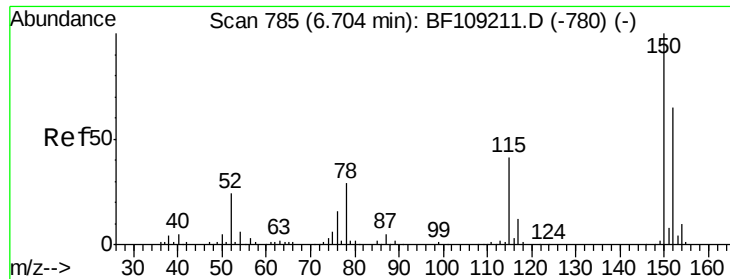
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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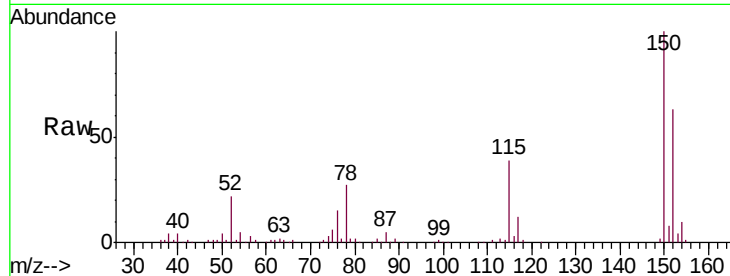




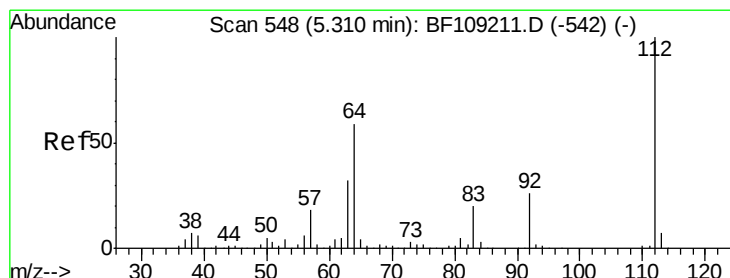
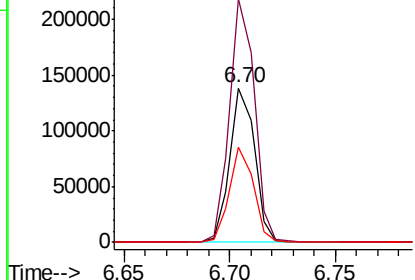
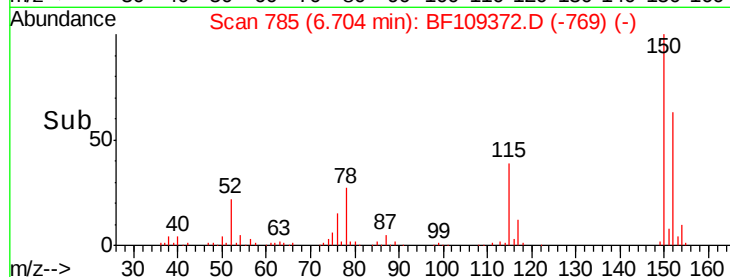
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109372.D
 Acq: 27 Sep 2018 7:34

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

Tgt Ion:152 Resp: 112454
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 61.9 50.1 75.1

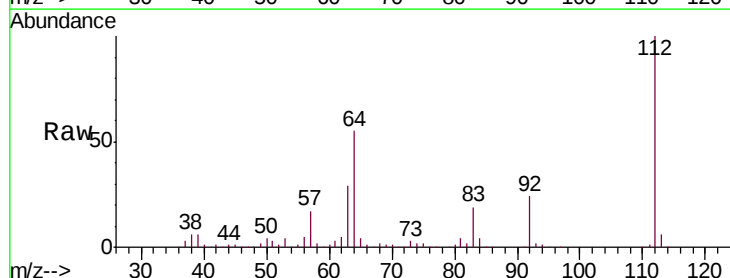


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

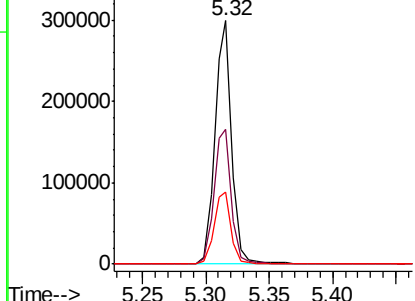
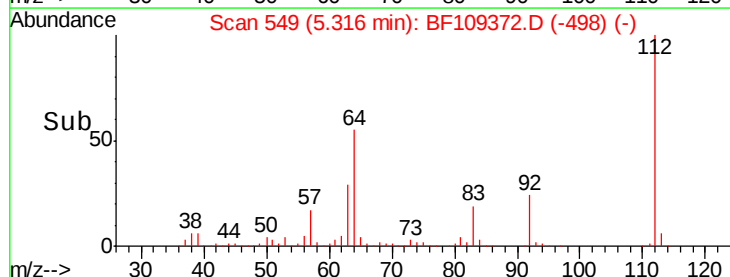


#5
 2-Fluorophenol
 Concen: 40.954 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109372.D
 Acq: 27 Sep 2018 7:34

Tgt Ion:112 Resp: 279615
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.9 71.9
 63 29.5 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: 25.517 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109372.D

Acq: 27 Sep 2018 7:34

Instrument :

BNA_F

ClientSampleId :

092118-TIPC-F-D-S

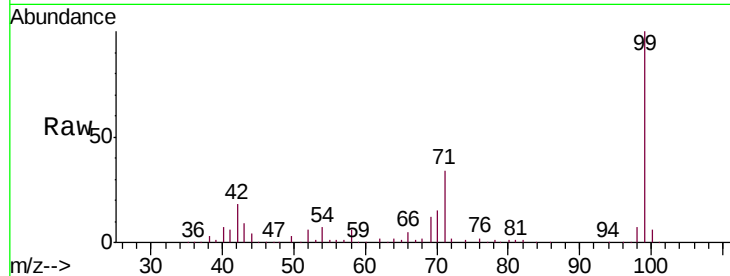
Tgt Ion: 99 Resp: 222307

Ion Ratio Lower Upper

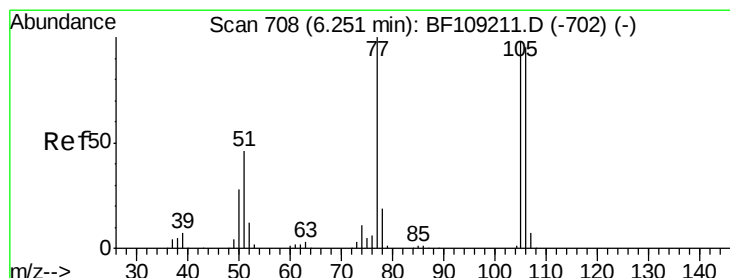
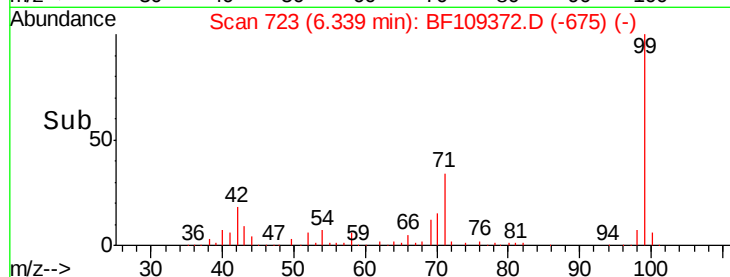
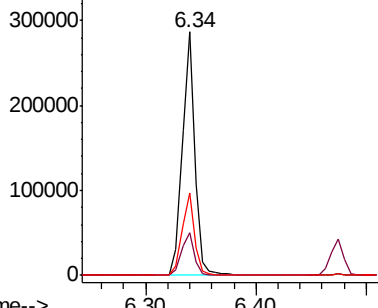
99 100

42 17.8 14.5 21.7

71 33.6 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



#9

Benzaldehyde

Concen: 2.174 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109372.D

Acq: 27 Sep 2018 7:34

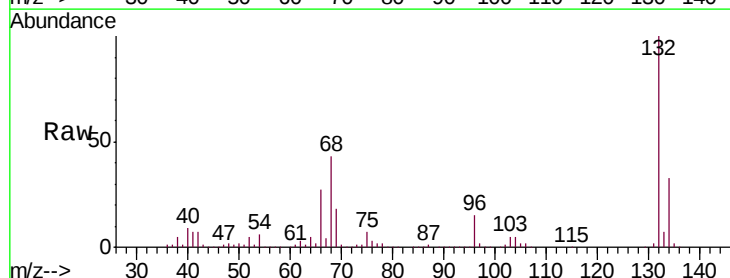
Tgt Ion: 77 Resp: 12166

Ion Ratio Lower Upper

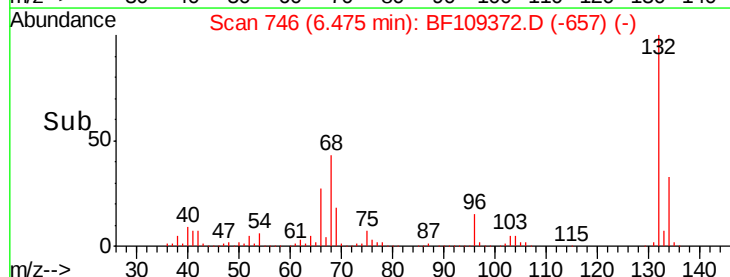
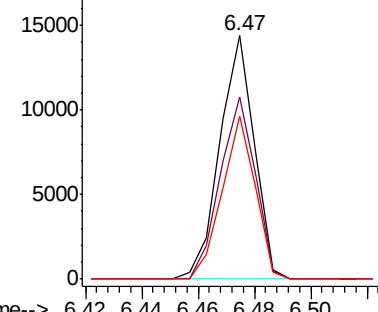
77 100

105 74.6 81.1 121.1#

106 67.0 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

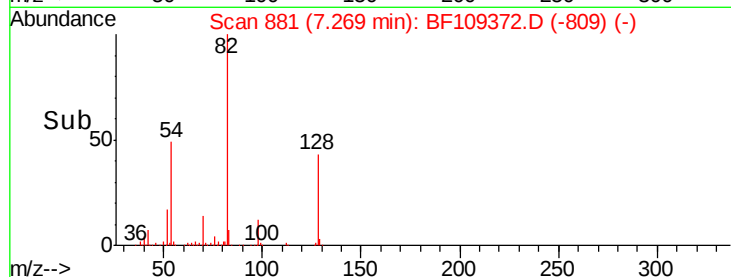
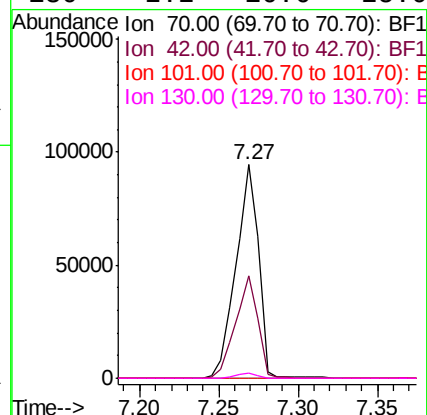
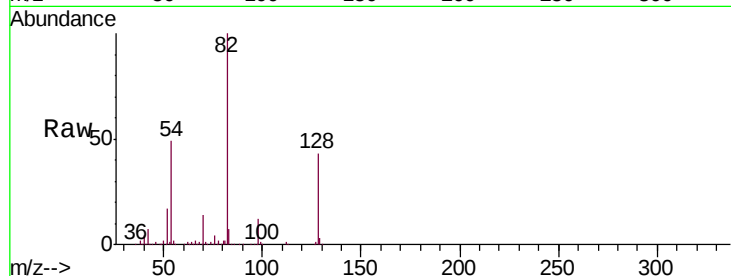




#19
n-Nitroso-di-n-propylamine
Concen: 16.392 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109372.D
Acq: 27 Sep 2018 7:34

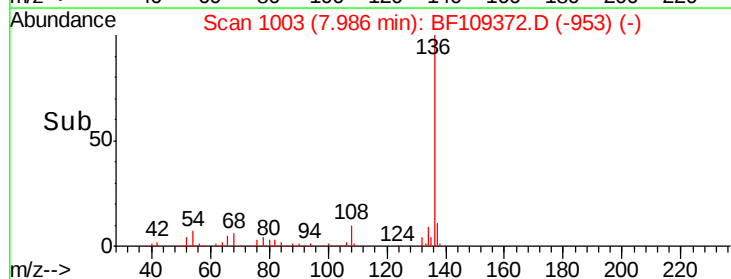
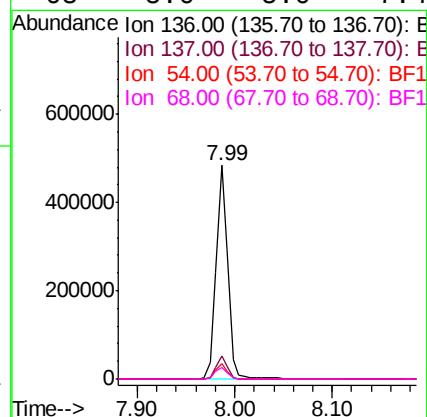
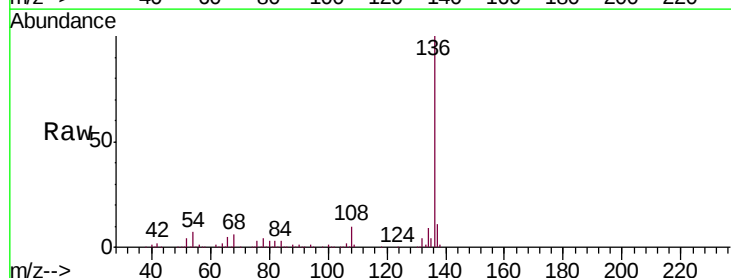
Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-D-S

Tgt Ion:	70	Resp:	93579
Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	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: BF109372.D
Acq: 27 Sep 2018 7:34

Tgt Ion:	136	Resp:	403617
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.3	6.6	9.8
68	5.6	5.0	7.4

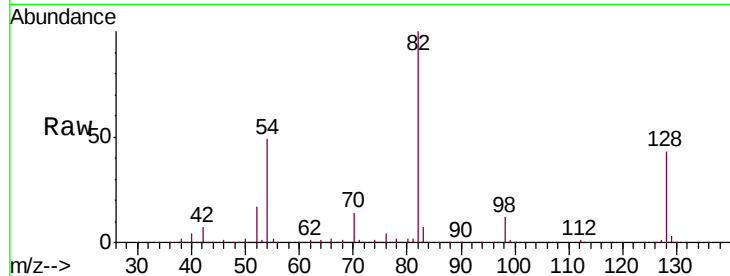




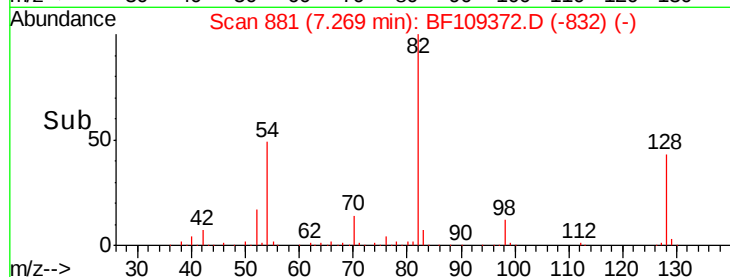
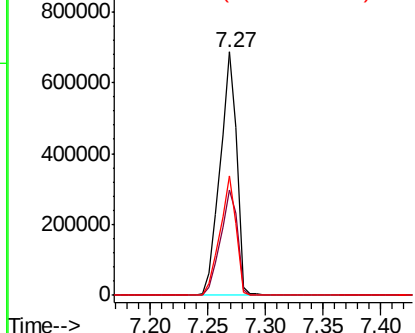
#23
Nitrobenzene-d5
Concen: 101.133 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109372.D
Acq: 27 Sep 2018 7:34

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

Tgt Ion: 82 Resp: 691478
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 49.3 41.4 62.2

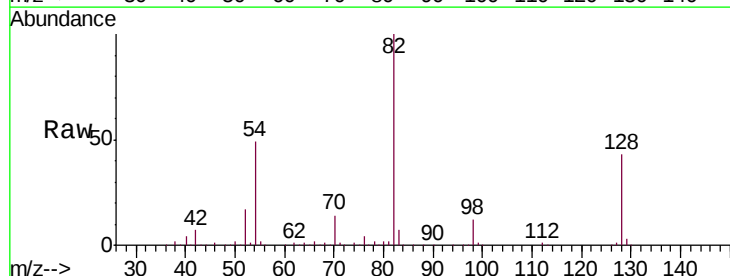


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

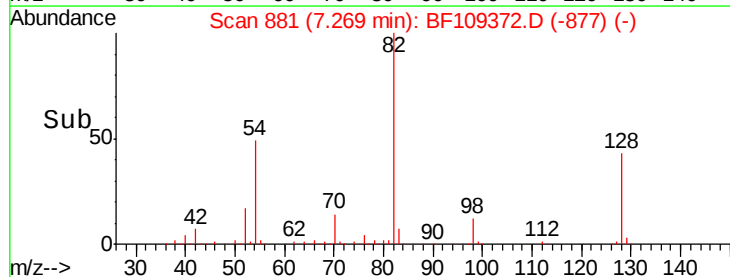
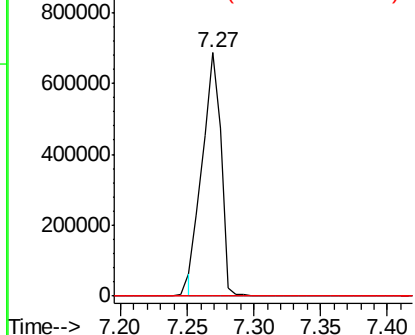


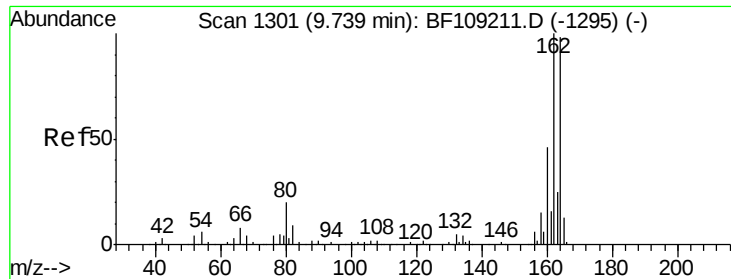
#25
Isophorone
Concen: 53.810 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109372.D
Acq: 27 Sep 2018 7:34

Tgt Ion: 82 Resp: 662516
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

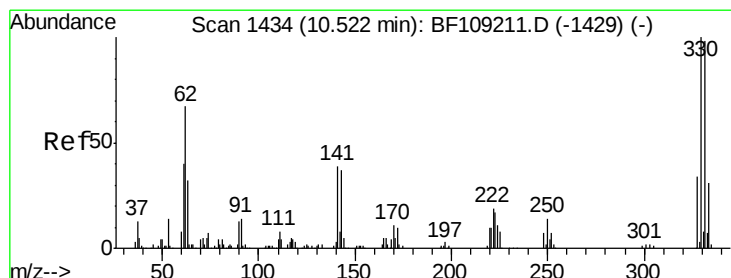
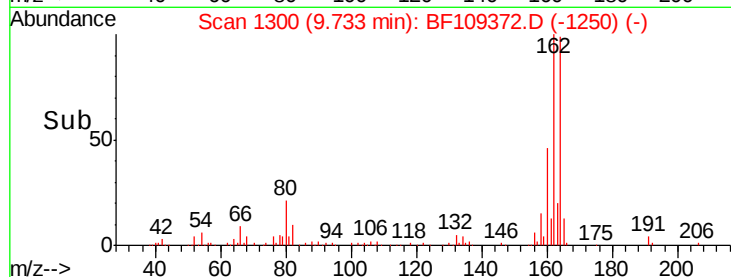
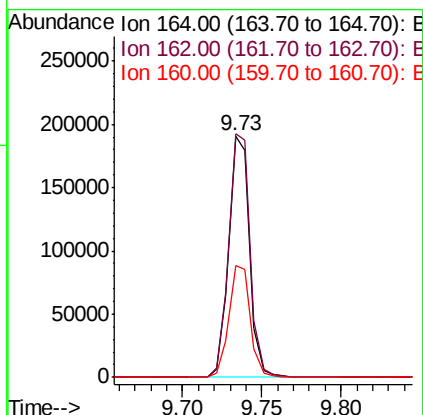
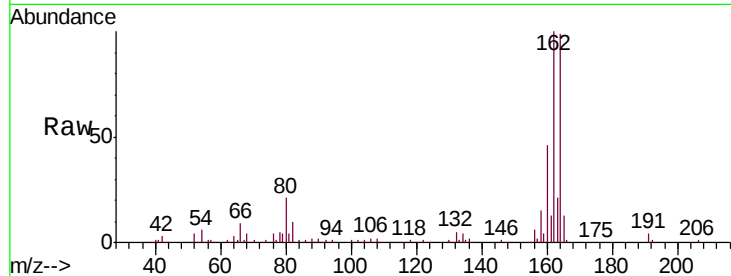




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109372.D
 Acq: 27 Sep 2018 7:34

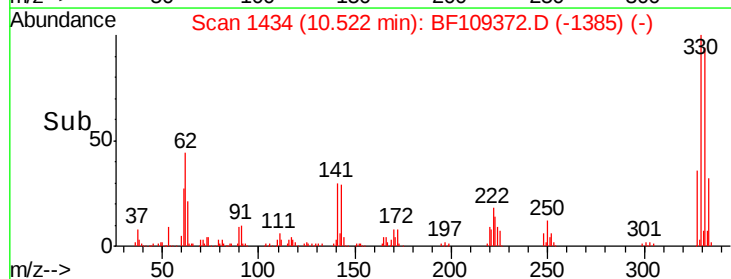
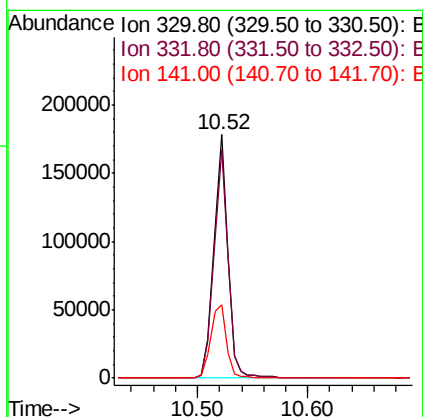
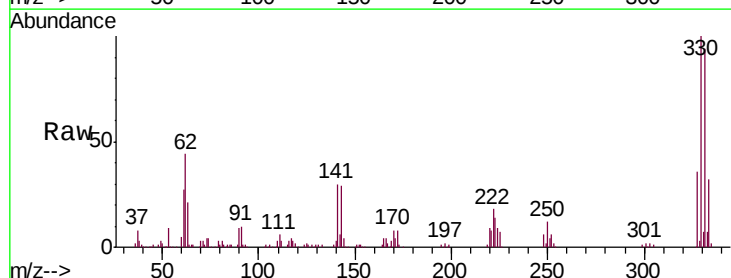
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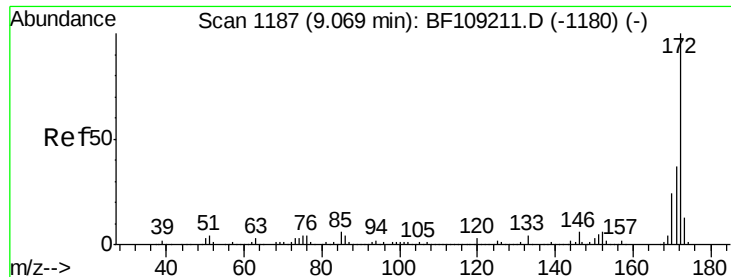
Tgt Ion:164 Resp: 173402
 Ion Ratio Lower Upper
 164 100
 162 100.9 86.1 129.1
 160 46.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 90.932 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109372.D
 Acq: 27 Sep 2018 7:34

Tgt Ion:330 Resp: 155438
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 33.4 29.9 44.9

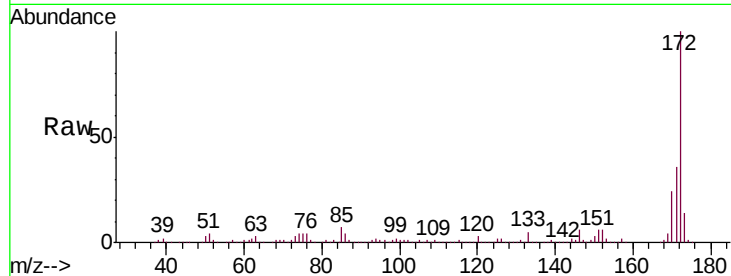




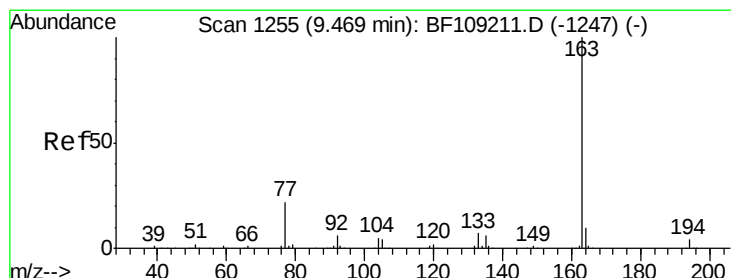
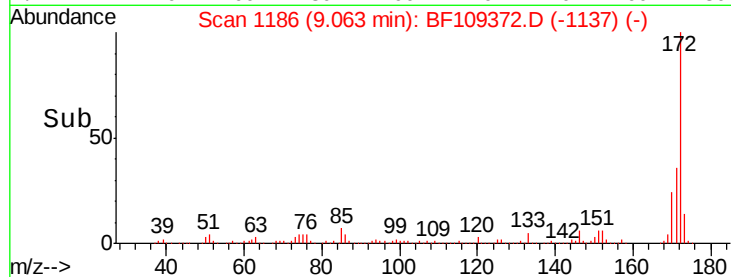
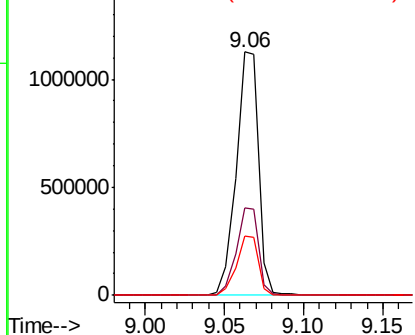
#44
2-Fluorobiphenyl
Concen: 95.762 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109372.D
Acq: 27 Sep 2018 7:34

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

Tgt Ion:172 Resp: 1101006
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.4 19.6 29.4

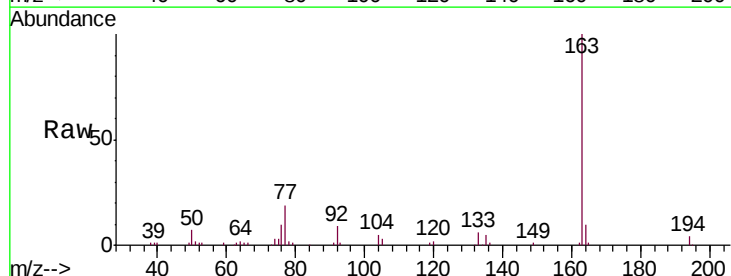


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

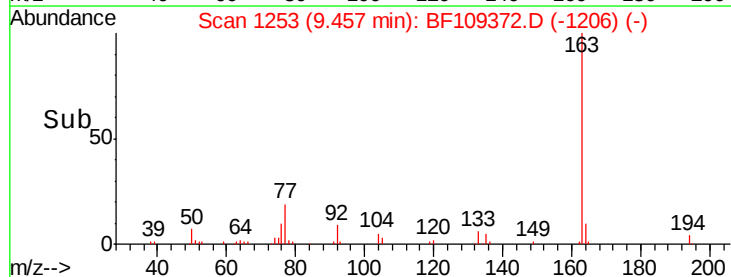
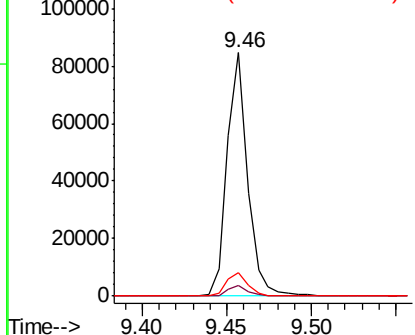


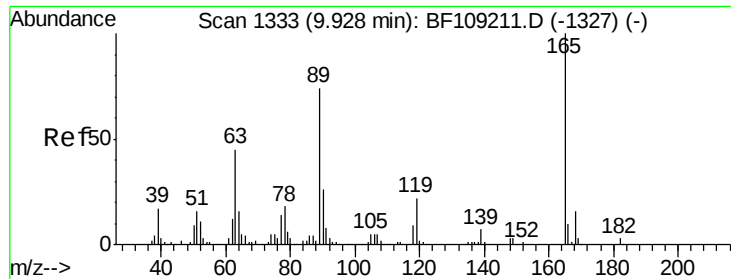
#49
Dimethylphthalate
Concen: 5.674 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109372.D
Acq: 27 Sep 2018 7:34

Tgt Ion:163 Resp: 71561
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.8 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

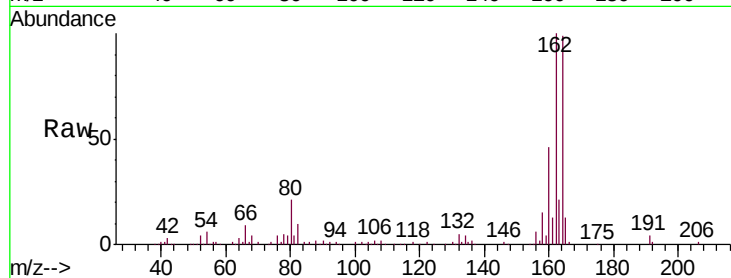




#56
2,4-Dinitrotoluene
Concen: 6.846 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109372.D
Acq: 27 Sep 2018 7:34

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

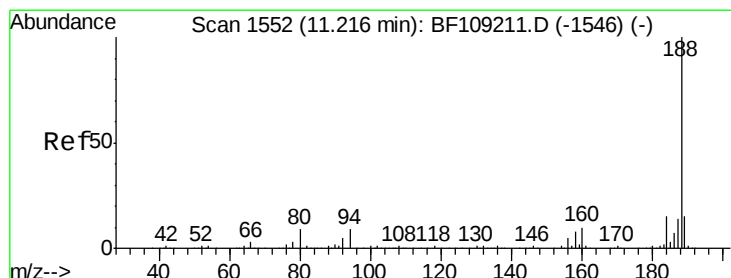
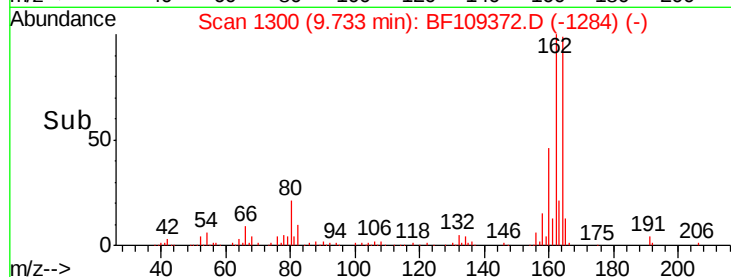
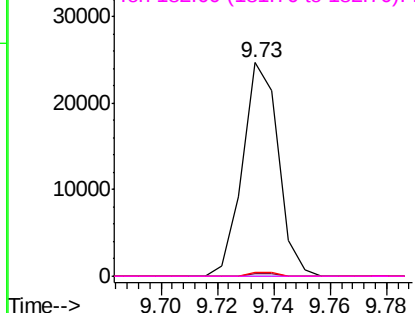


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

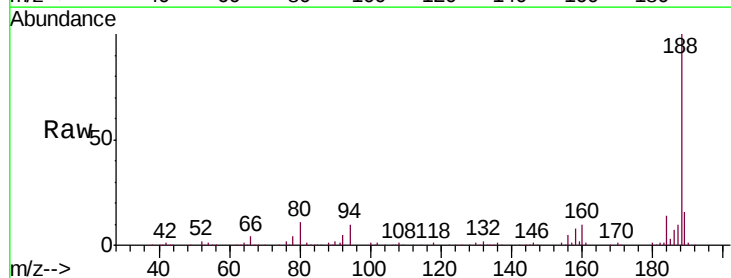
Ion 89.00 (88.70 to 89.70): BF1

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: BF109372.D
Acq: 27 Sep 2018 7:34

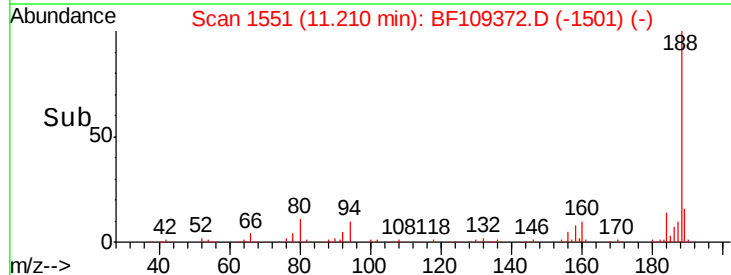
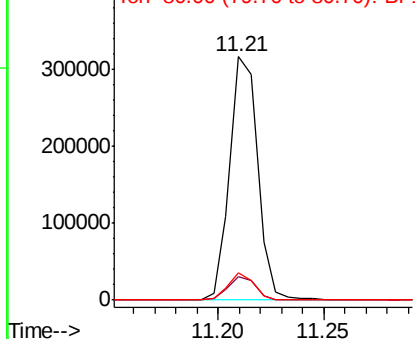
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.1	9.2	13.8

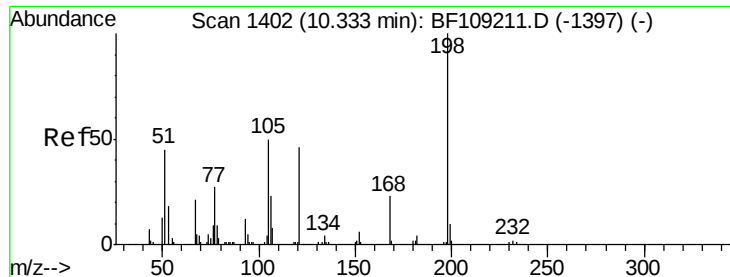


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

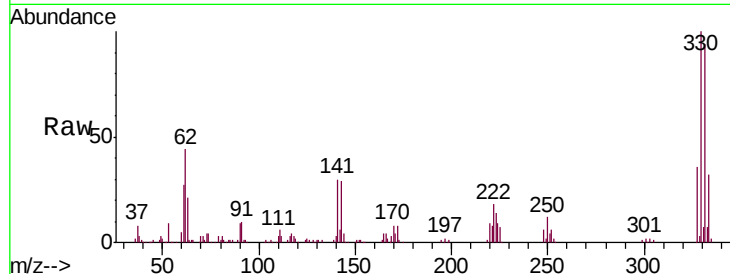




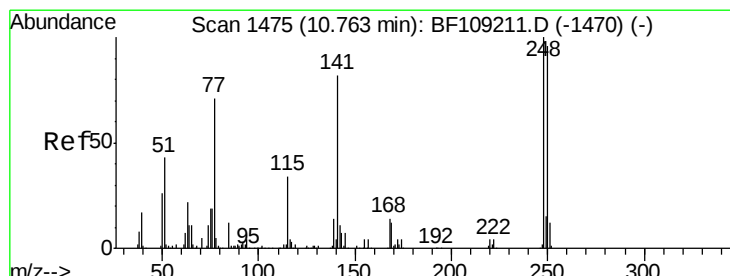
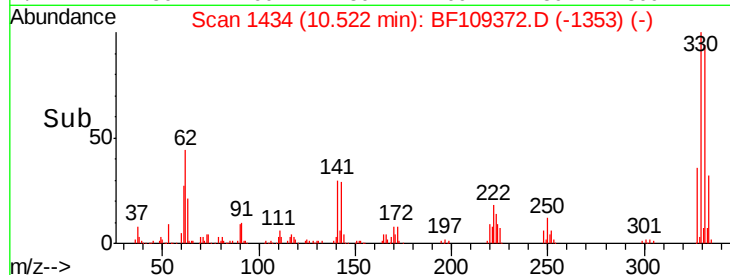
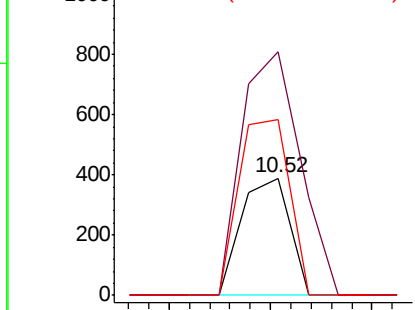
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.712 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109372.D
 Acq: 27 Sep 2018 7:34

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

Tgt Ion:198 Resp: 258
 Ion Ratio Lower Upper
 198 100
 51 207.7 37.7 77.7#
 105 149.9 36.3 76.3#

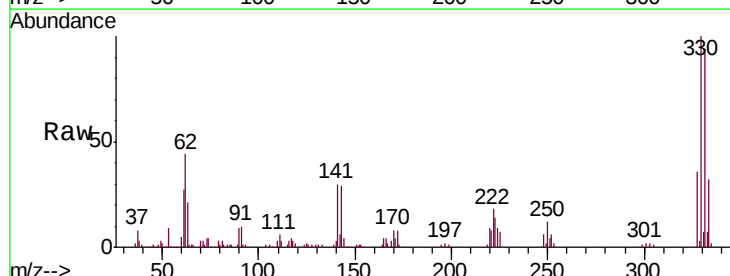


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

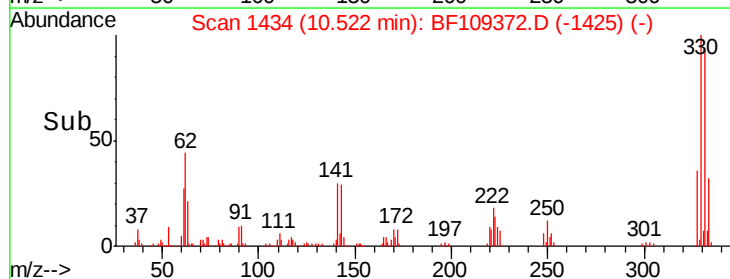
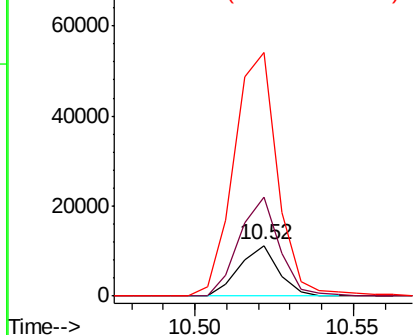


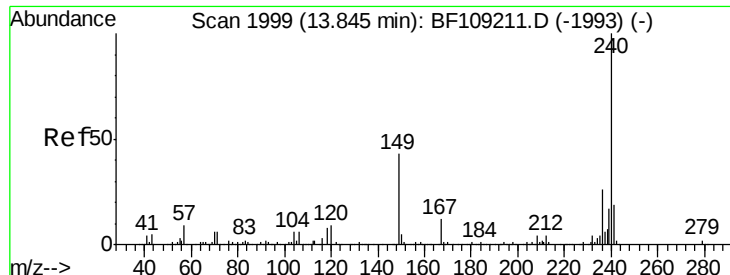
#66
 4-Bromophenyl-phenylether
 Concen: 2.999 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109372.D
 Acq: 27 Sep 2018 7:34

Tgt Ion:248 Resp: 9658
 Ion Ratio Lower Upper
 248 100
 250 196.4 76.9 115.3#
 141 482.5 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: BF109372.D

Acq: 27 Sep 2018 7:34

Instrument :

BNA_F

ClientSampleId :

092118-TIPC-F-D-S

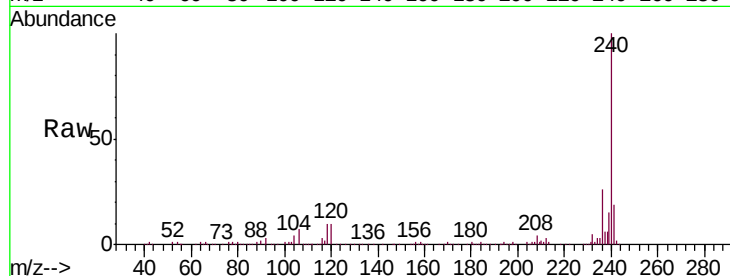
Tgt Ion:240 Resp: 293683

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

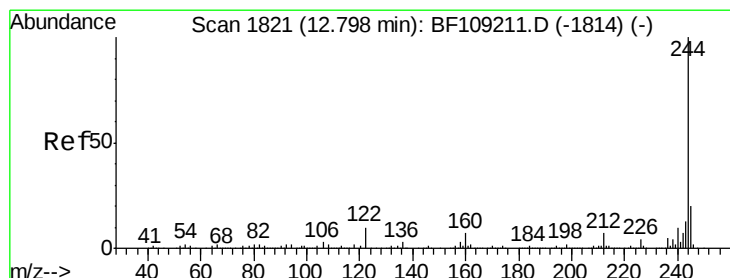
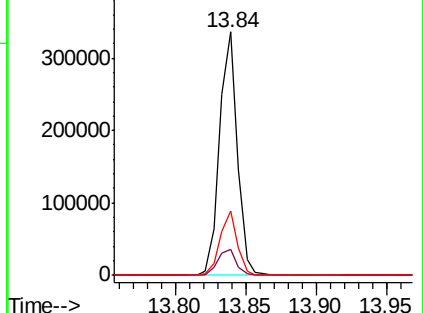
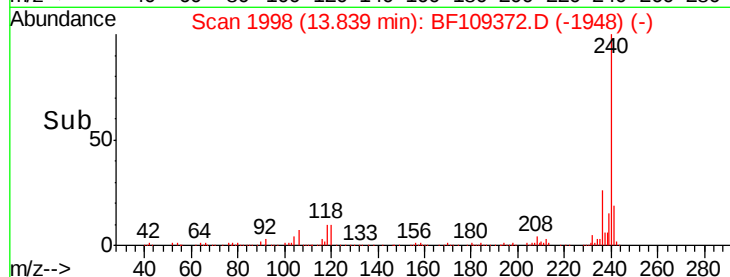
236 26.3 20.7 31.1



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: 90.581 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109372.D

Acq: 27 Sep 2018 7:34

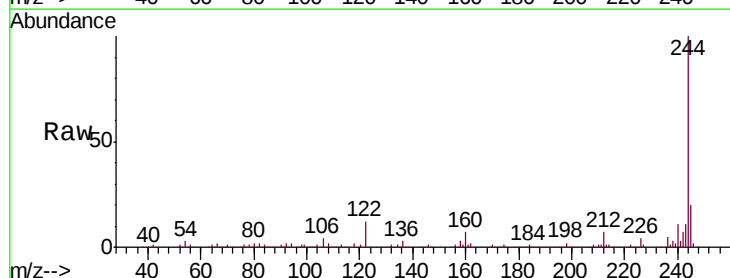
Tgt Ion:244 Resp: 1083952

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

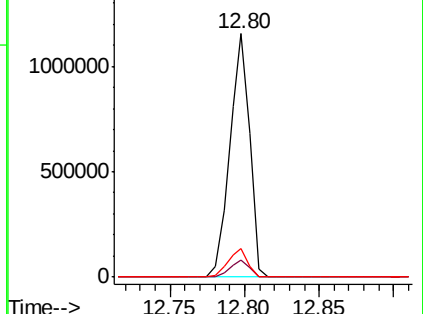
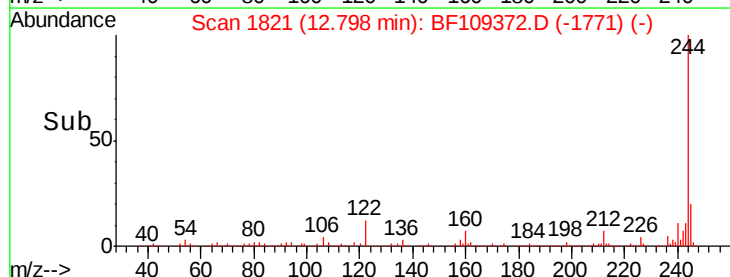
122 11.7 11.0 16.4

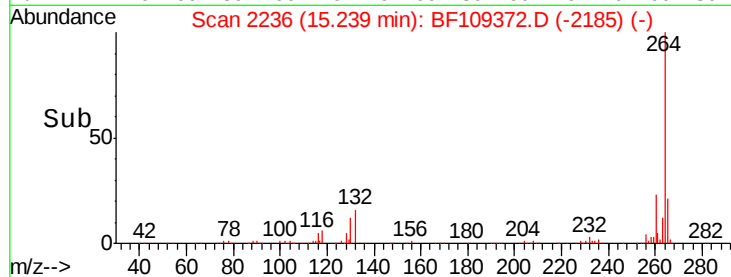
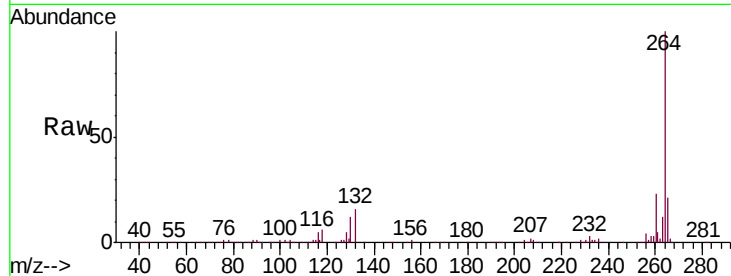
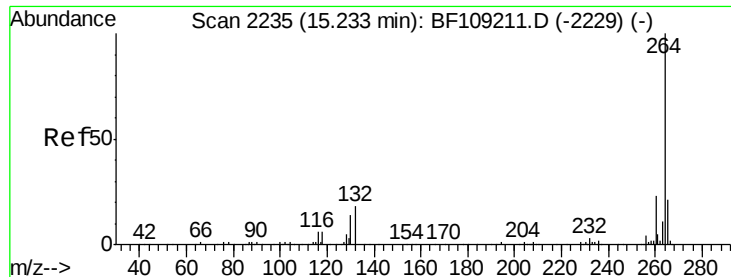


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109372.D

Acq: 27 Sep 2018 7:34

Instrument :

BNA_F

ClientSampleId :

092118-TIPC-F-D-S

Tgt Ion: 264 Resp: 237638

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.0 17.5 26.3

