

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109494.D
 Acq On : 2 Oct 2018 12:09
 Operator : JU/SJ
 Sample : J5155-01DL 100X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30S-GWDL

Quant Time: Oct 02 13:20:48 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

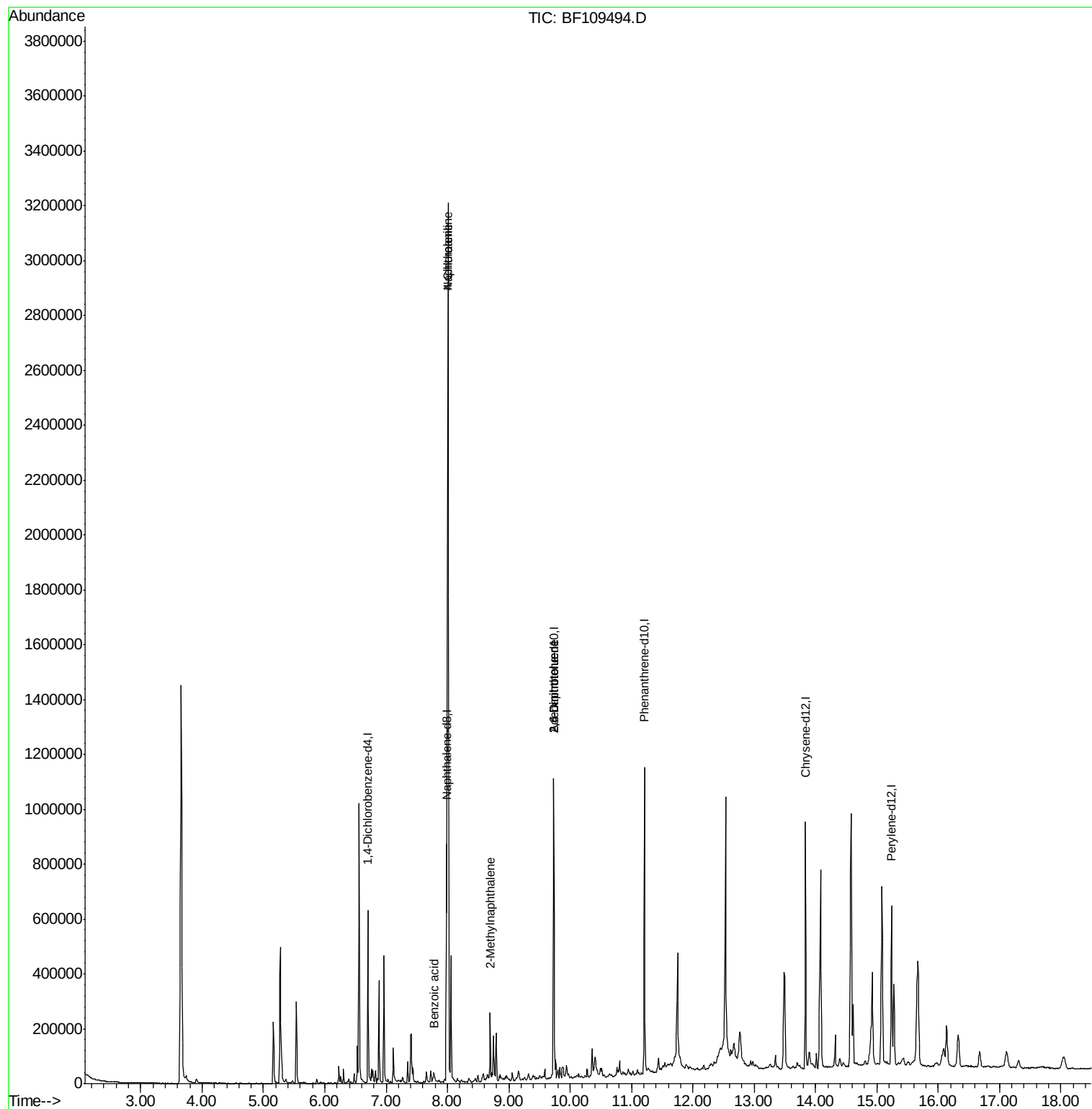
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101897	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	408364	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	202184	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	397404	20.00	ng	0.00
75) Chrysene-d12	13.84	240	294872	20.00	ng	0.00
86) Perylene-d12	15.24	264	268372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	599	0.10	ng	0.00
7) Phenol-d6	6.36	99	881	0.11	ng	0.00
23) Nitrobenzene-d5	7.26	82	3634	0.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	807	0.40	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	8008	0.60	ng	-0.02
78) Terphenyl-d14	12.79	244	6007	0.50	ng	-0.02
Target Compounds						
31) Naphthalene	8.01	128	1430659	74.971	ng	99
32) Benzoic acid	7.79	122	7859	8.626	ng	# 16
33) 4-Chloroaniline	8.01	127	193272	23.184	ng	# 34
37) 2-Methylnaphthalene	8.70	142	67055	5.451	ng	99
50) 2,6-Dinitrotoluene	9.73	165	26321	9.037	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	26321	7.143	ng	# 24

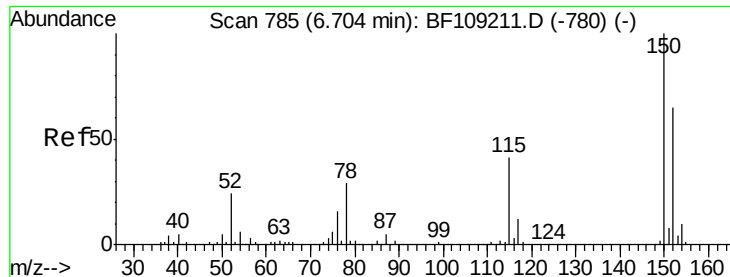
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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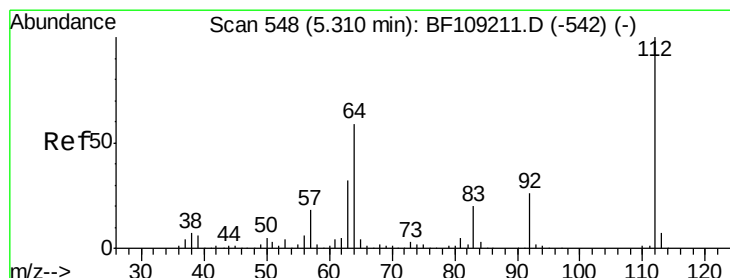
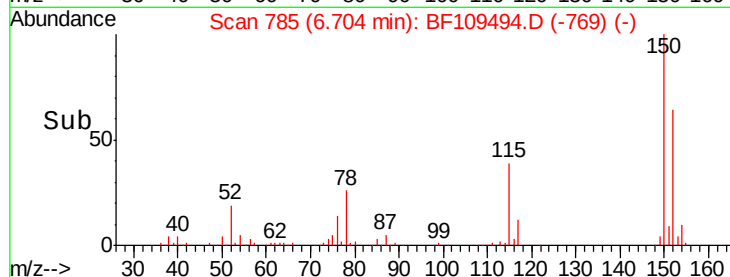
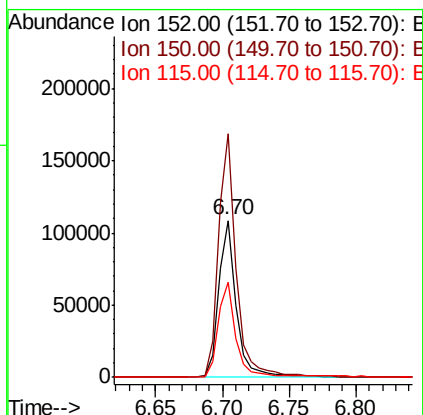
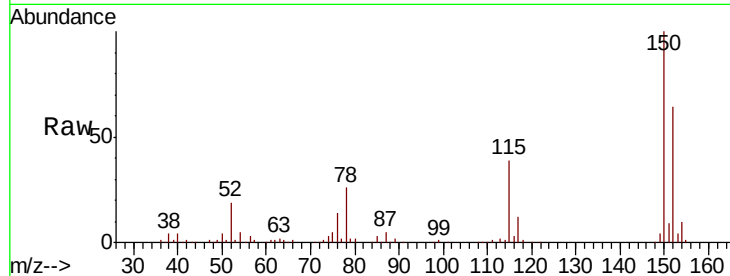


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

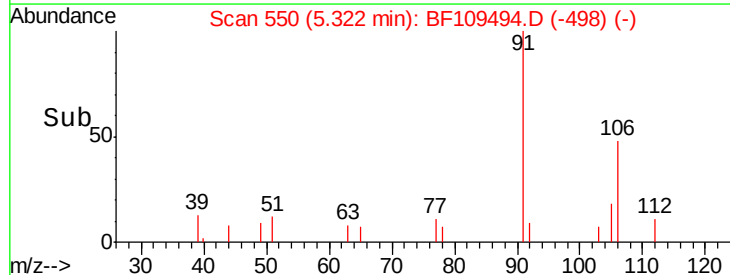
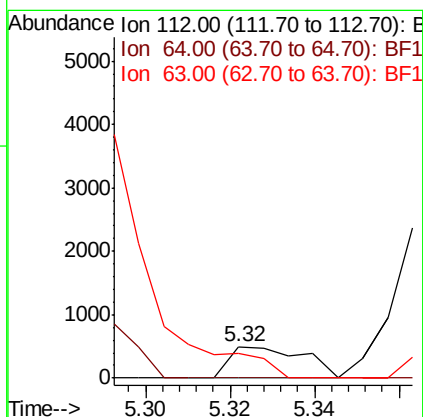
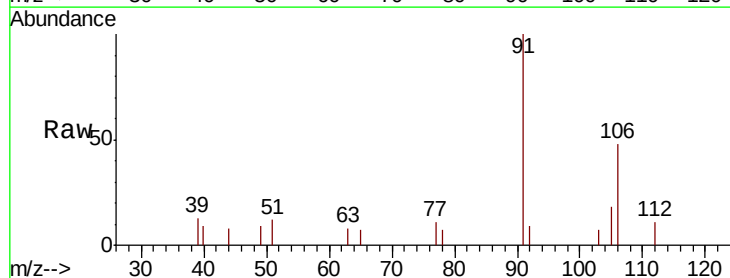
Tot Ion:152 Resp: 101897
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 60.8 50.1 75.1

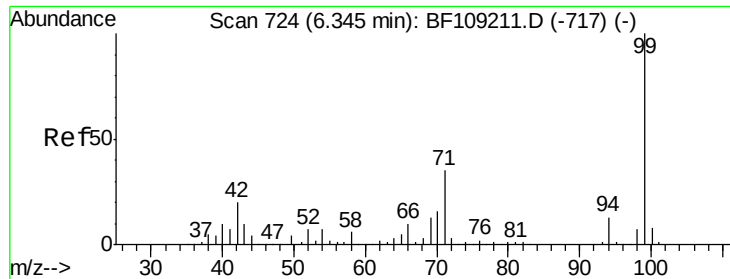


#5

2-Fluorophenol
Concen: 0.097 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion:112 Resp: 599
Ion Ratio Lower Upper
112 100
64 0.0 47.9 71.9#
63 76.7 23.7 35.5#





#7

Phenol-d6

Concen: 0.112 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109494.D

Acq: 2 Oct 2018 12:09

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30S-GWDL

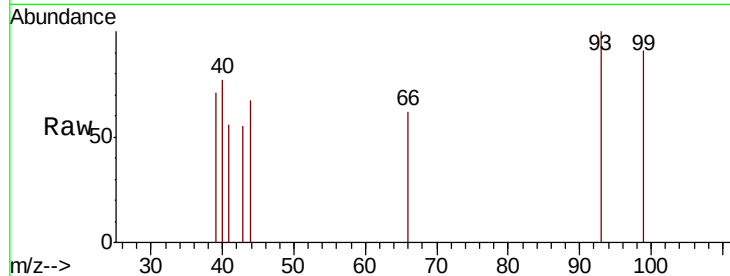
Tot Ion: 99 Resp: 881

Ion Ratio Lower Upper

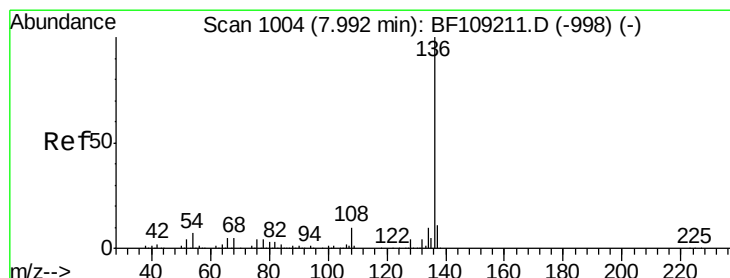
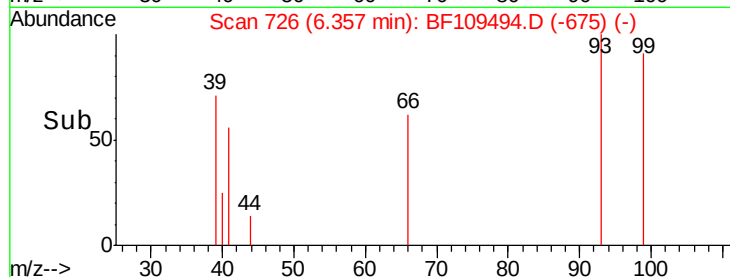
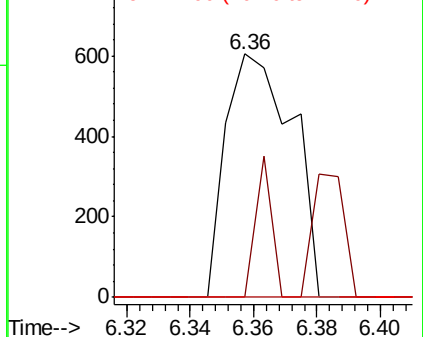
99 100

42 0.0 14.5 21.7#

71 0.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109494.D

Acq: 2 Oct 2018 12:09

Tgt Ion: 136 Resp: 408364

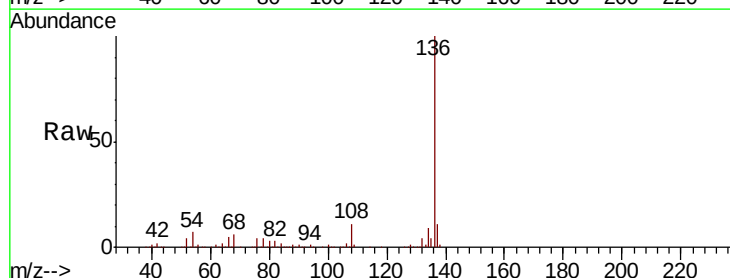
Ion Ratio Lower Upper

136 100

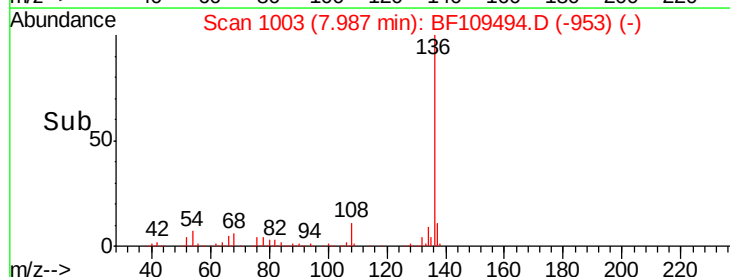
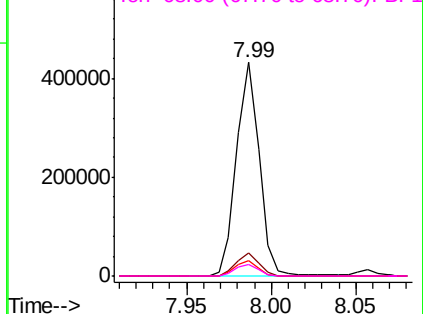
137 10.8 8.9 13.3

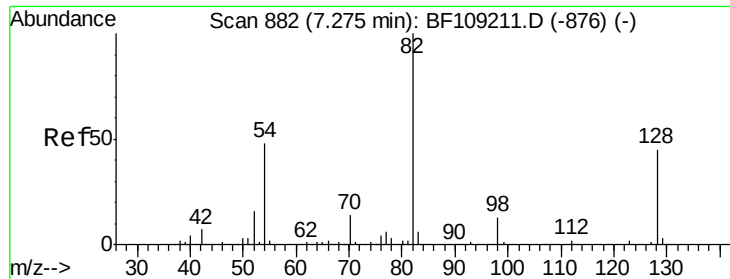
54 6.9 6.6 9.8

68 5.5 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

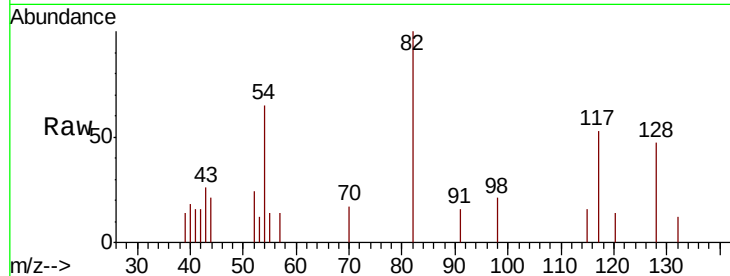




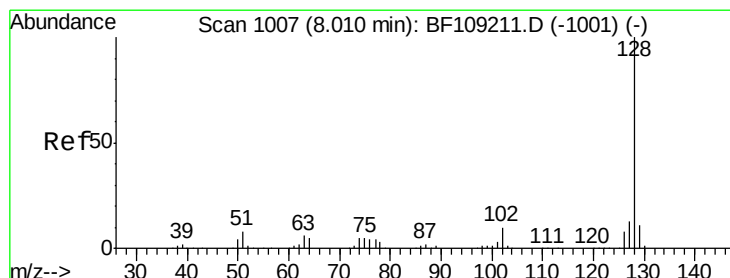
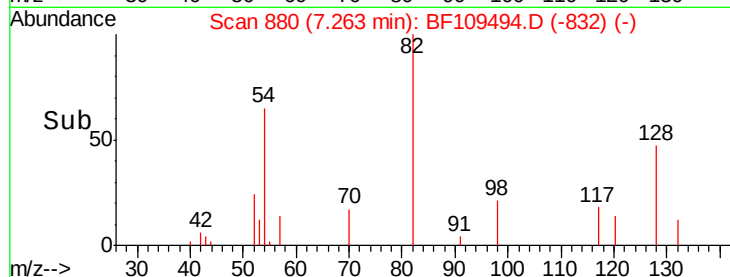
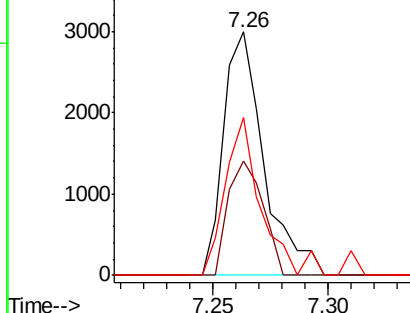
#23
Nitrobenzene-d5
Concen: 0.525 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

Tot Ion: 82 Resp: 3634
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 65.1 41.4 62.2#

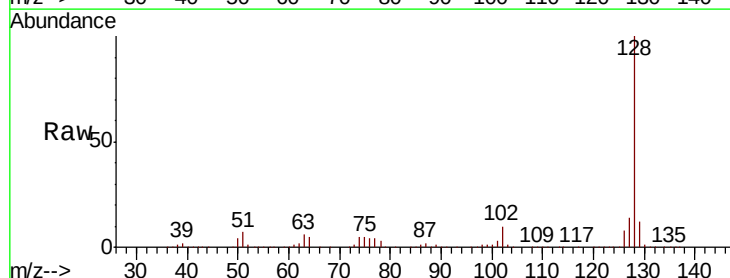


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

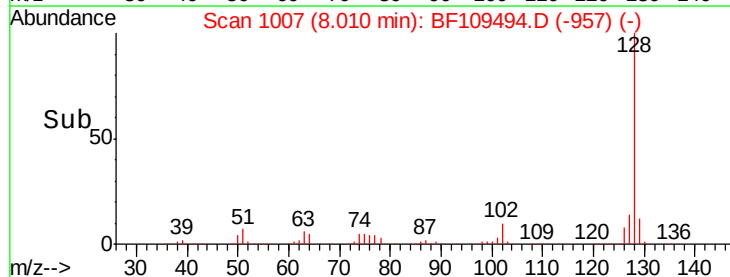
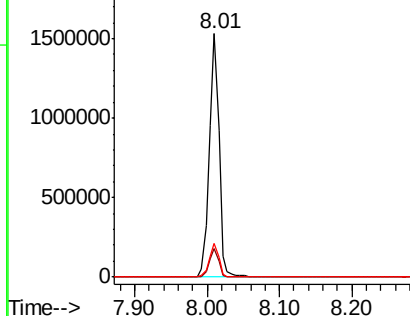


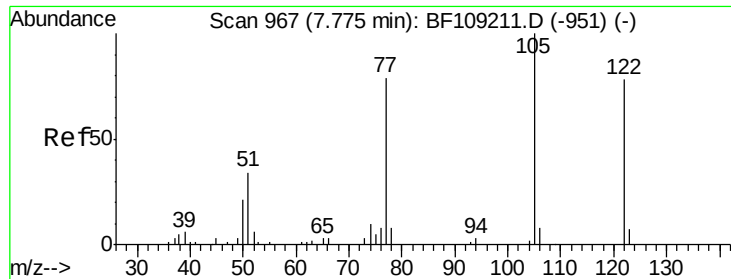
#31
Naphthalene
Concen: 74.971 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion: 128 Resp: 1430659
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

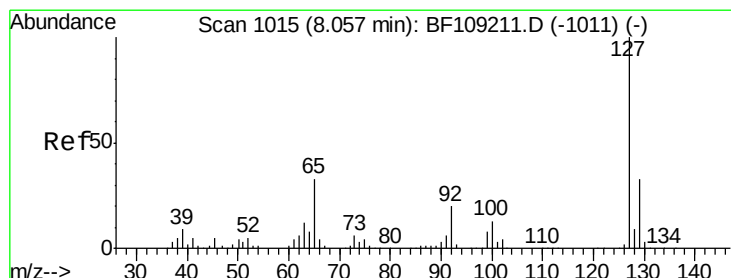
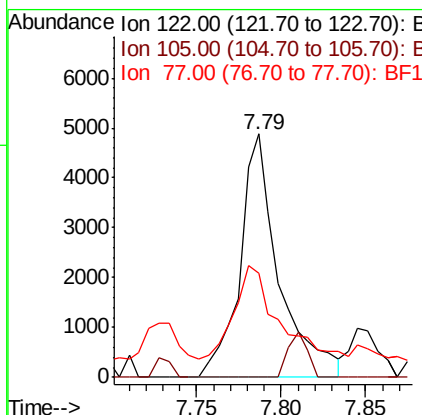
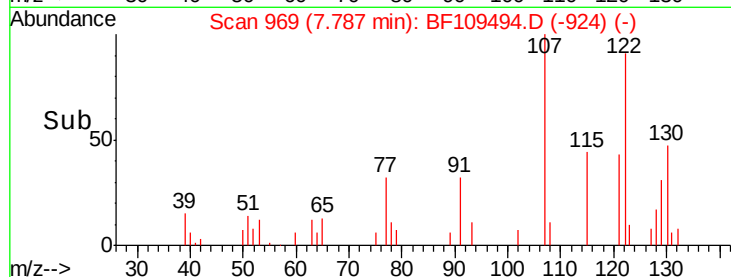
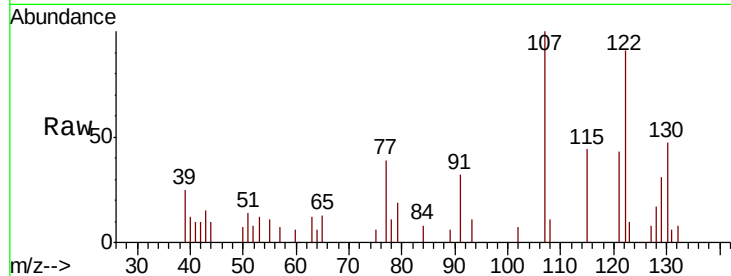




#32
Benzoic acid
Concen: 8.626 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

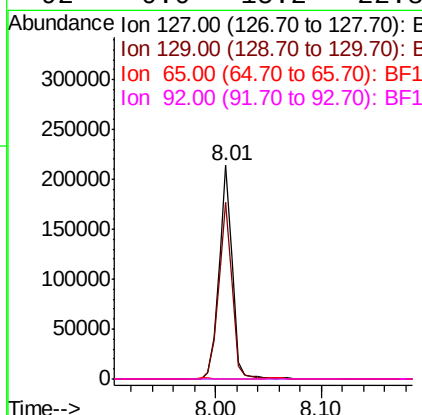
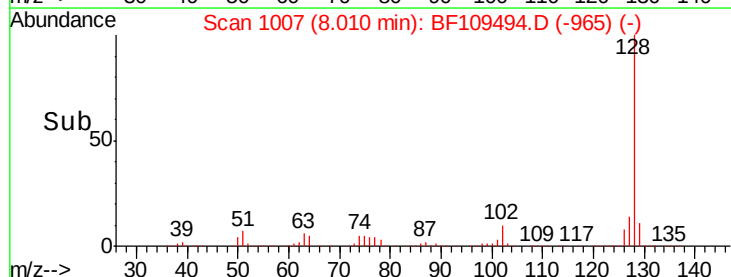
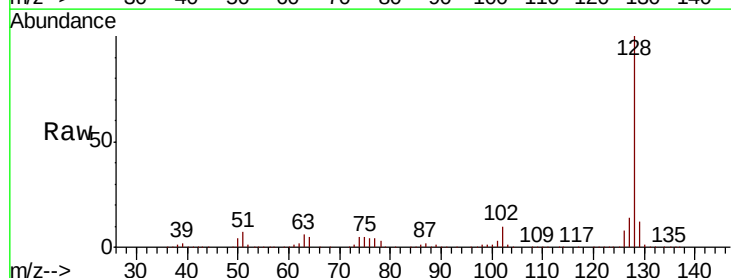
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

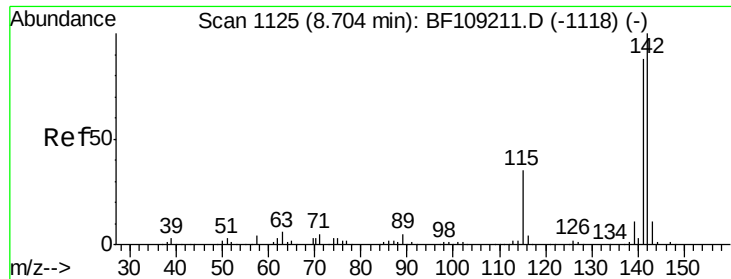
Tot Ion:122 Resp: 7859
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 43.0 70.7 110.7#



#33
4-Chloroaniline
Concen: 23.184 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.05 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion:127 Resp: 193272
Ion Ratio Lower Upper
127 100
129 82.9 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#

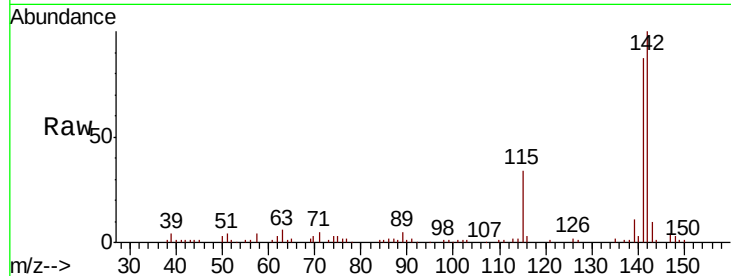




#37
2-Methylnaphthalene
Concen: 5.451 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	34.0	26.1	39.1

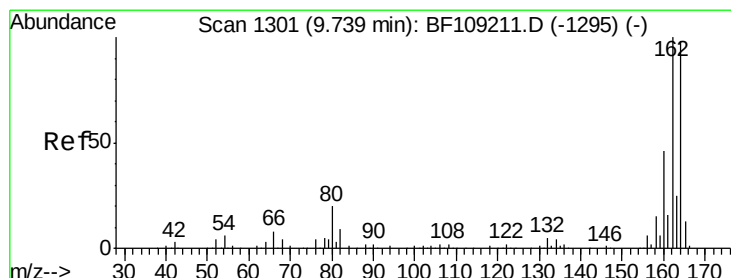
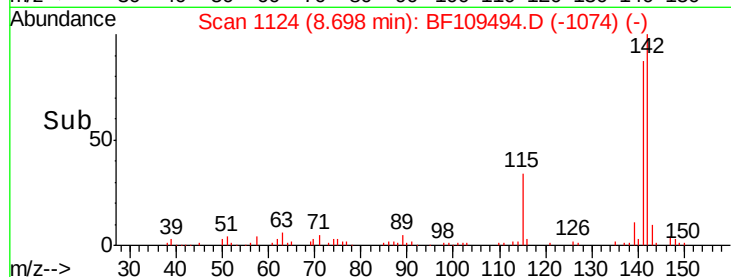
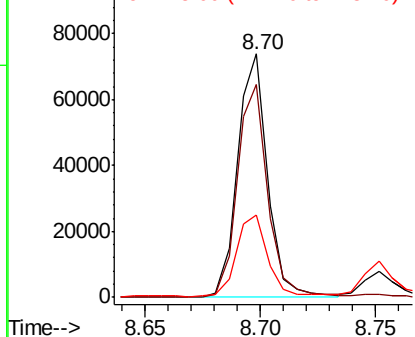


Abundance

Ion 142.00 (141.70 to 142.70): E

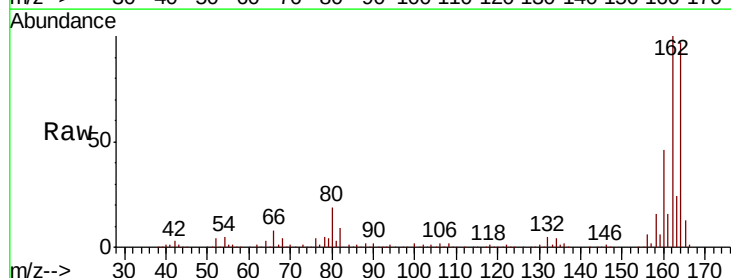
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	47.3	38.3	57.5

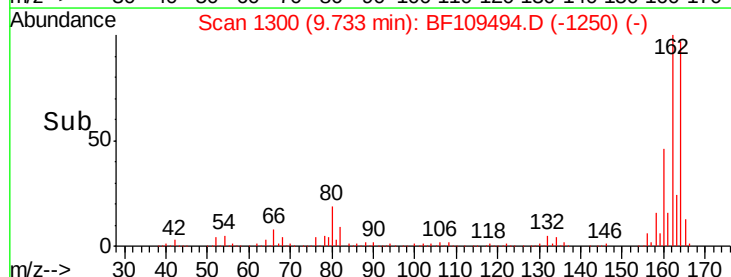
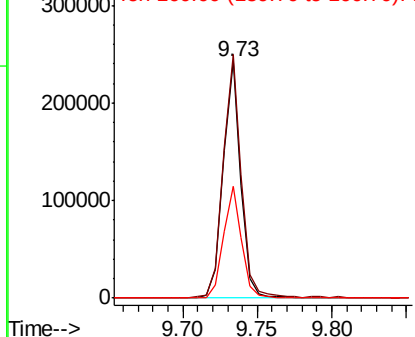


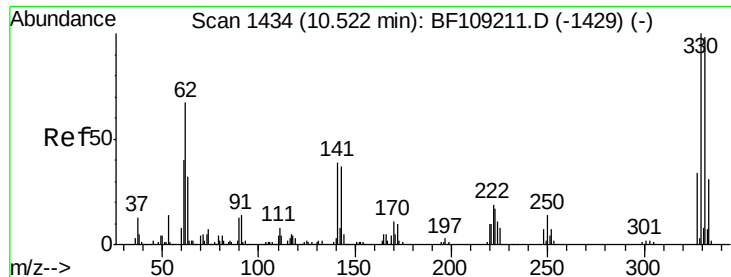
Abundance

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

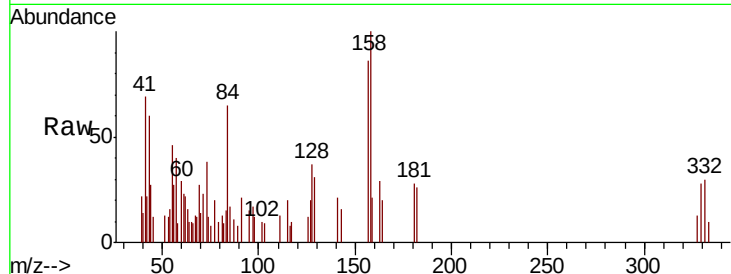




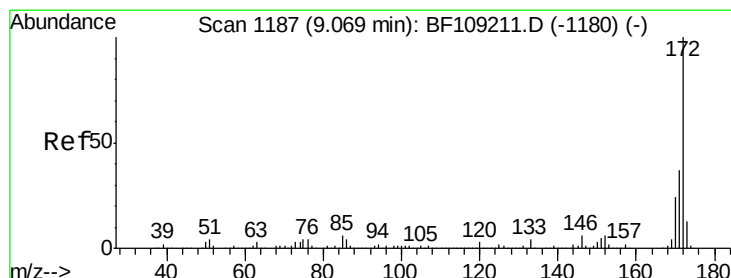
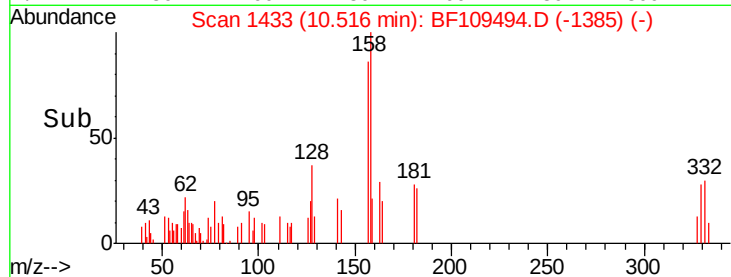
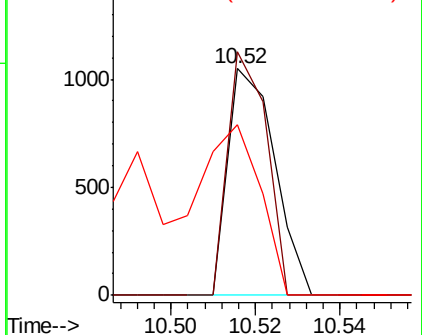
#41
 2,4,6-Tribromophenol
 Concen: 0.405 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109494.D
 Acq: 2 Oct 2018 12:09

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30S-GWDL

Tot Ion:330 Resp: 807
 Ion Ratio Lower Upper
 330 100
 332 88.5 77.0 115.6
 141 100.5 29.9 44.9#

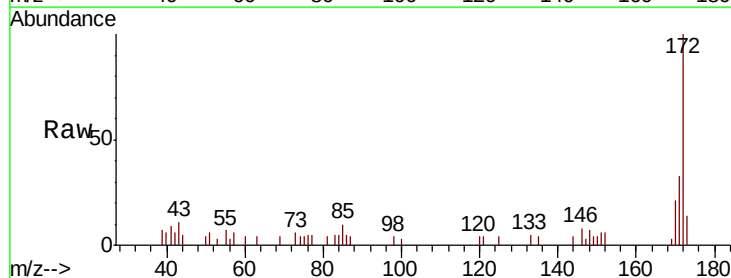


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

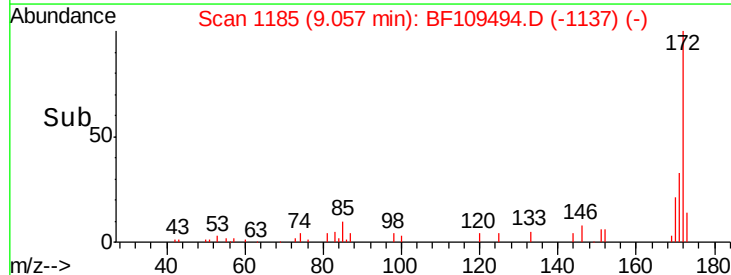
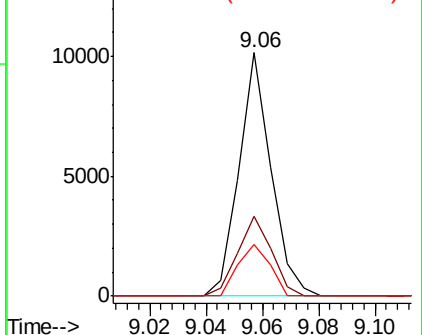


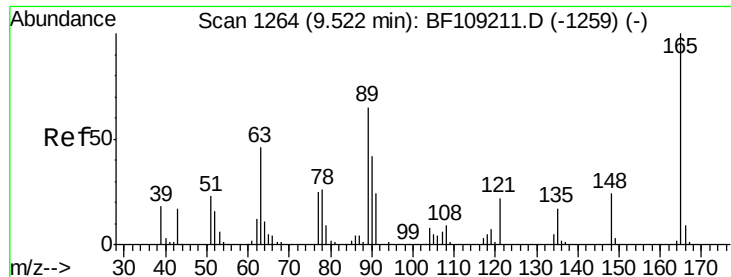
#44
 2-Fluorobiphenyl
 Concen: 0.597 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109494.D
 Acq: 2 Oct 2018 12:09

Tgt Ion:172 Resp: 8008
 Ion Ratio Lower Upper
 172 100
 171 32.9 29.7 44.5
 170 21.3 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

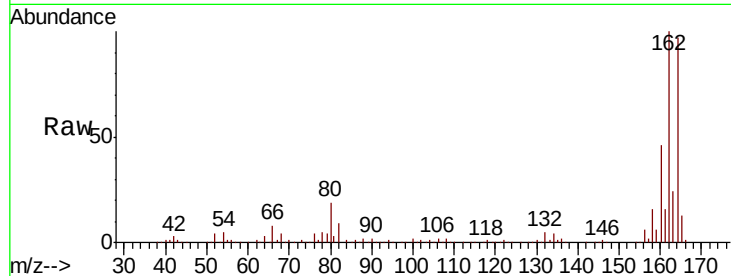




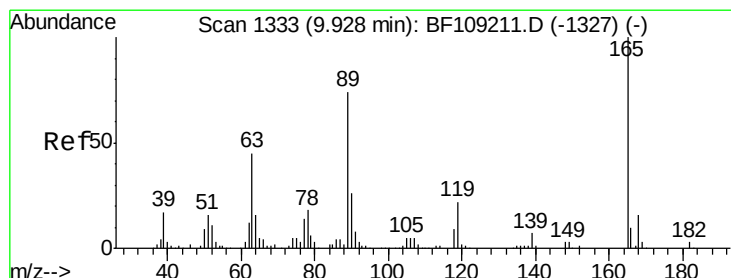
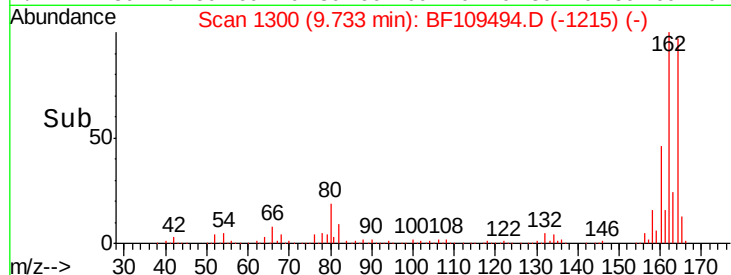
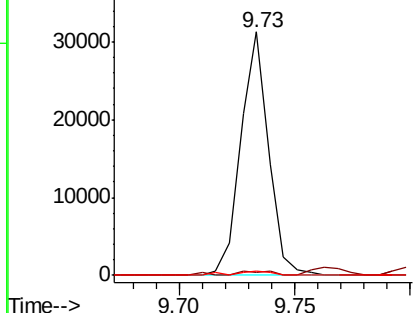
#50
 2,6-Dinitrotoluene
 Concen: 9.037 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109494.D
 Acq: 2 Oct 2018 12:09

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30S-GWDL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	2.0	44.0	66.0#



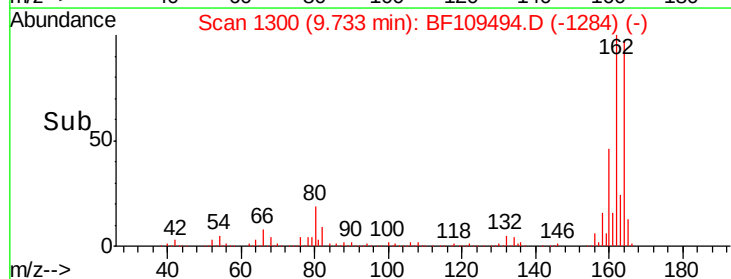
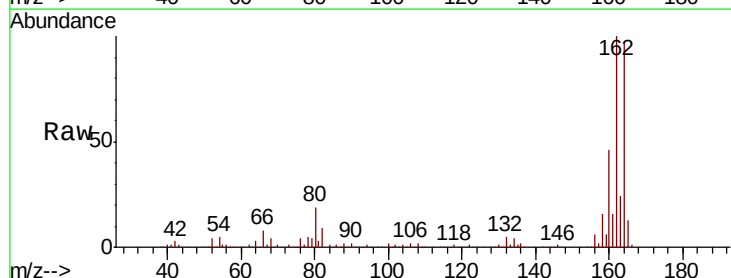
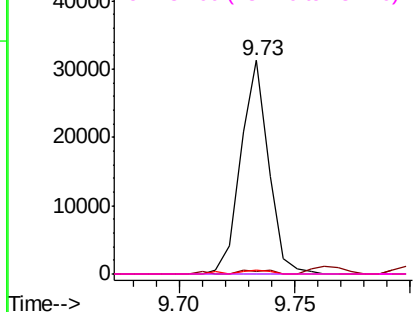
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

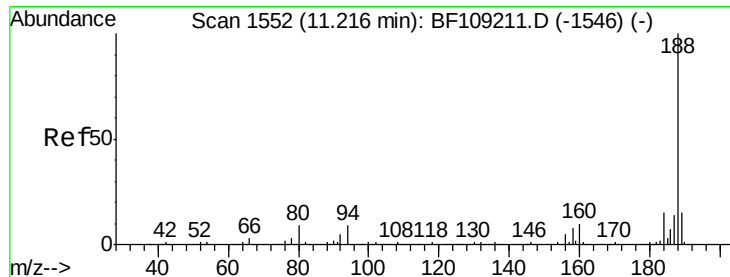


#56
 2,4-Dinitrotoluene
 Concen: 7.143 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109494.D
 Acq: 2 Oct 2018 12:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	2.0	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

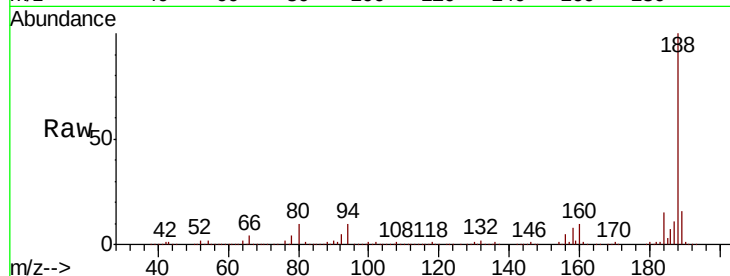




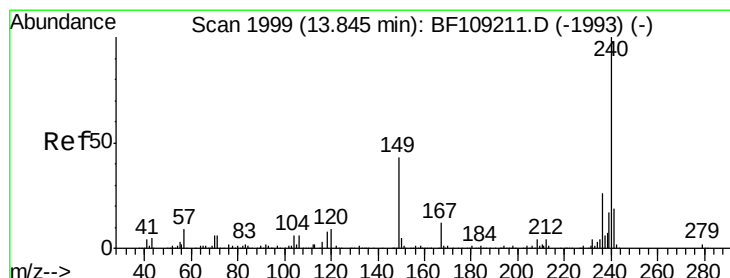
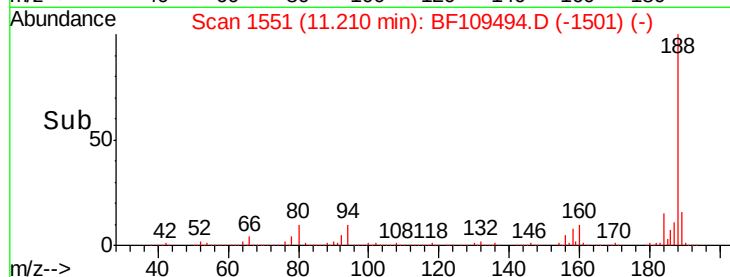
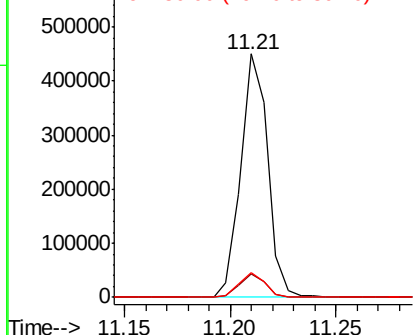
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

Tot Ion:188 Resp: 397404
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.4 9.2 13.8

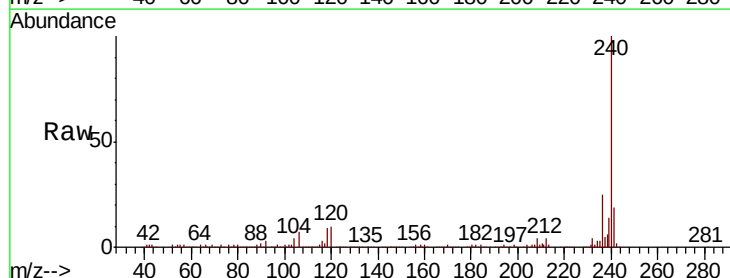


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

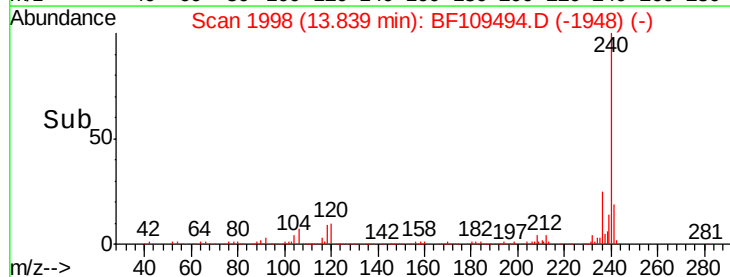
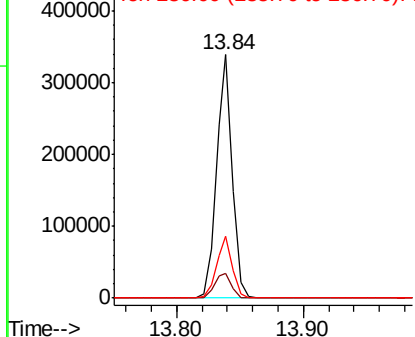


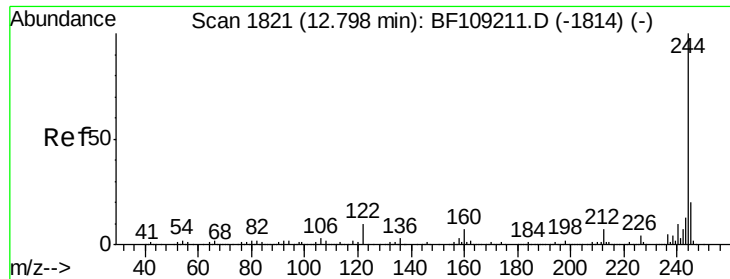
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion:240 Resp: 294872
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 25.4 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: 0.500 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109494.D

Acq: 2 Oct 2018 12:09

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30S-GWDL

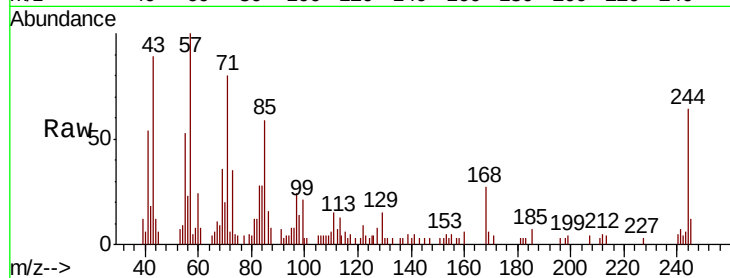
Tot Ion:244 Resp: 6007

Ion Ratio Lower Upper

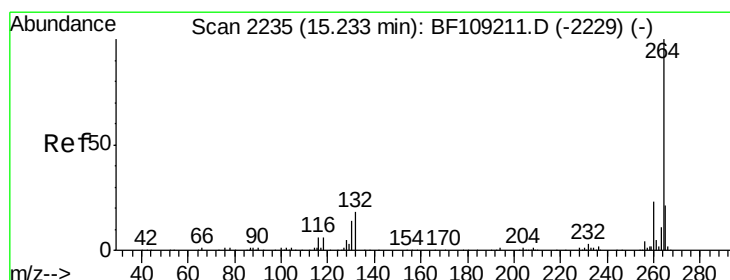
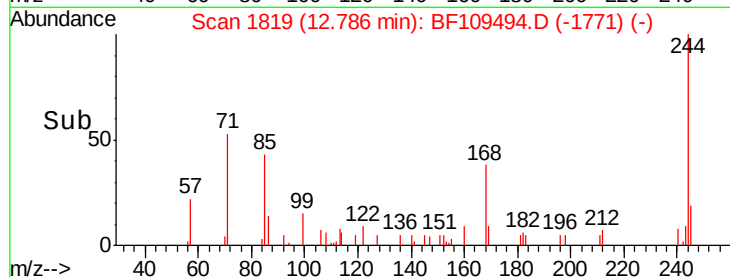
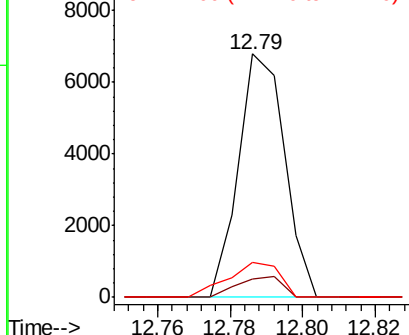
244 100

212 7.3 5.4 8.0

122 14.3 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: BF109494.D

Acq: 2 Oct 2018 12:09

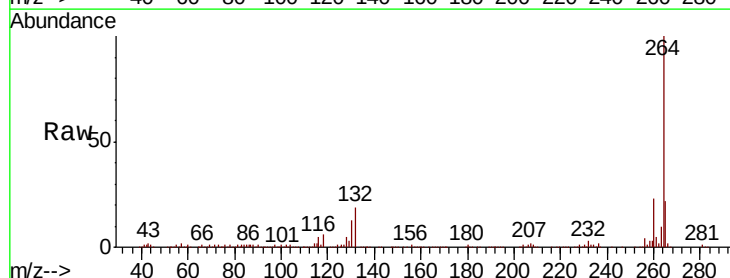
Tgt Ion:264 Resp: 268372

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.4 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

