

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109452.D
 Acq On : 29 Sep 2018 2:01
 Operator : JU/SJ
 Sample : J5131-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUND-WALL

Quant Time: Oct 01 03:08:19 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

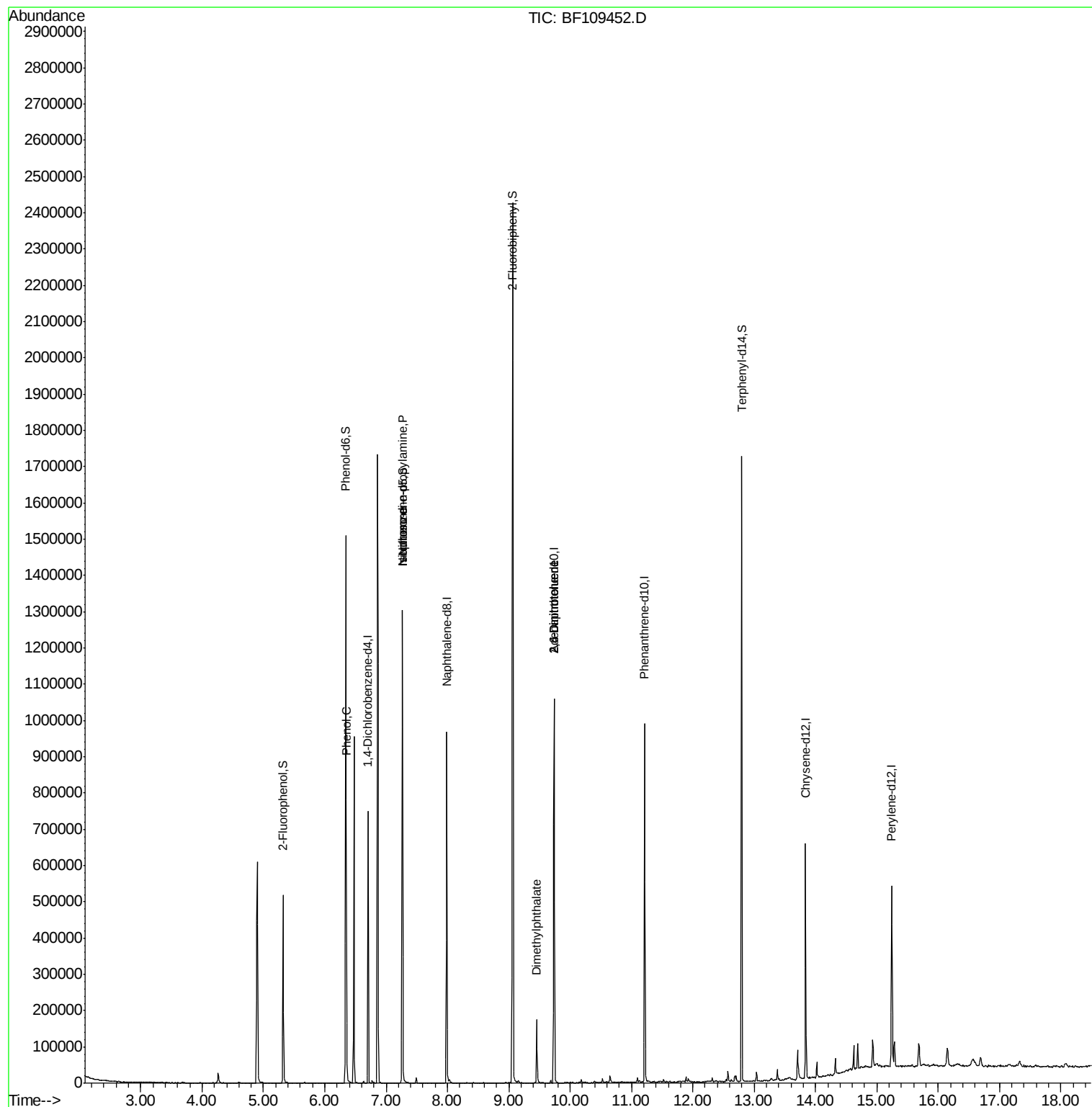
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	112712	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	436446	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	200233	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	340349	20.00	ng	0.00
75) Chrysene-d12	13.84	240	213348	20.00	ng	0.00
86) Perylene-d12	15.24	264	221961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	147152	21.50	ng	0.00
7) Phenol-d6	6.35	99	482116	55.21	ng	-0.01
23) Nitrobenzene-d5	7.27	82	408657	55.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	926	0.47	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	777073	58.53	ng	-0.01
78) Terphenyl-d14	12.80	244	566755	65.19	ng	0.00
Target Compounds						
10) Phenol	6.36	94	21012	2.125	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	55573	9.713	ng	# 76
25) Isophorone	7.27	82	389561	29.260	ng	# 64
49) Dimethylphthalate	9.46	163	70437	4.836	ng	# 99
50) 2,6-Dinitrotoluene	9.74	165	24963	8.655	ng	# 25
56) 2,4-Dinitrotoluene	9.74	165	24963	6.840	ng	# 23

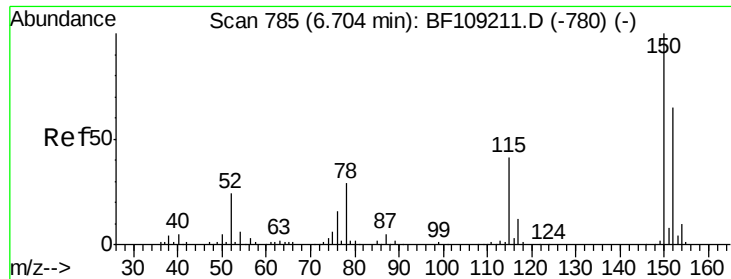
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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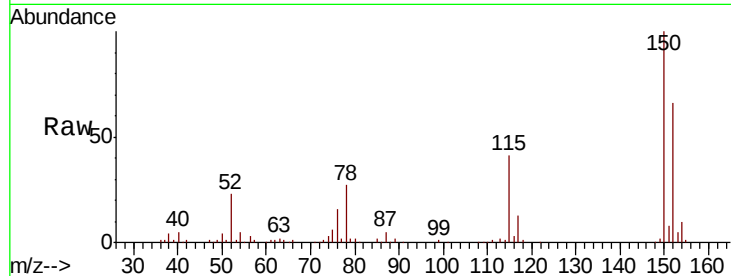




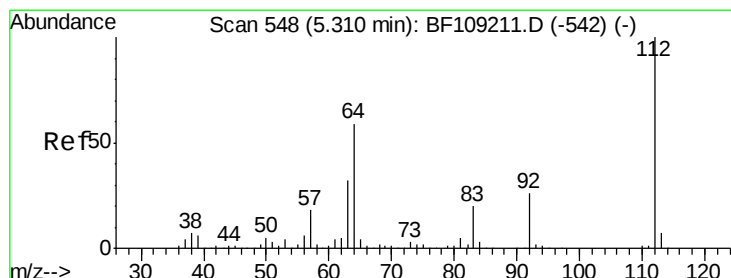
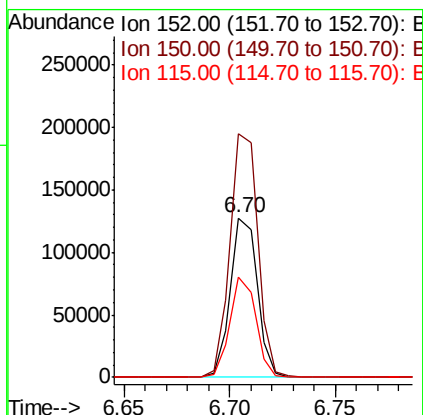
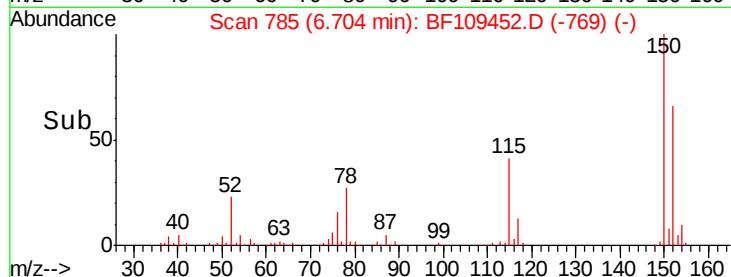
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109452.D
 Acq: 29 Sep 2018 2:01

Instrument :
 BNA_F
 ClientSampleId :
 SOUND-WALL

Tgt Ion:152 Resp: 112712
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.6 186.8
 115 62.6 50.1 75.1

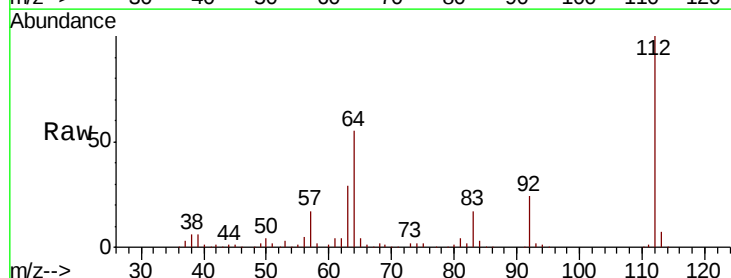


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

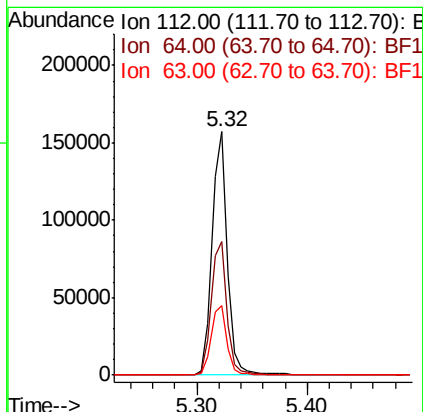
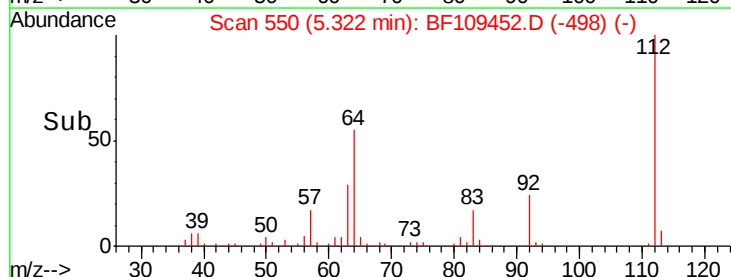


#5
 2-Fluorophenol
 Concen: 21.504 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109452.D
 Acq: 29 Sep 2018 2:01

Tgt Ion:112 Resp: 147152
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.9 71.9
 63 28.7 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: 55.212 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109452.D

Acq: 29 Sep 2018 2:01

Instrument :

BNA_F

ClientSampleId :

SOUND-WALL

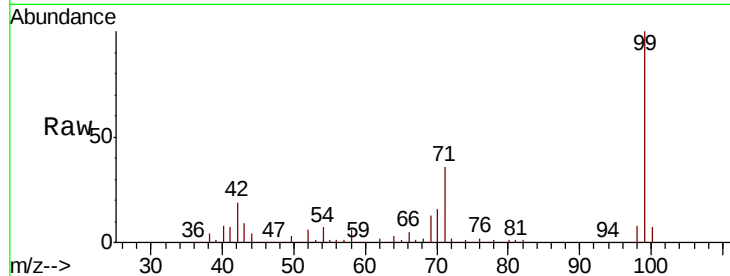
Tgt Ion: 99 Resp: 482116

Ion Ratio Lower Upper

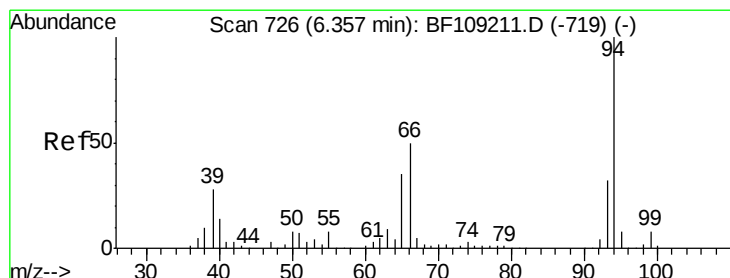
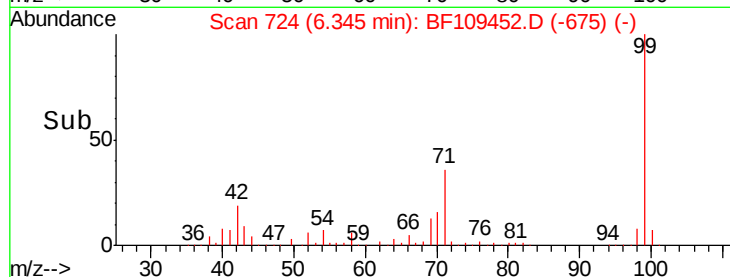
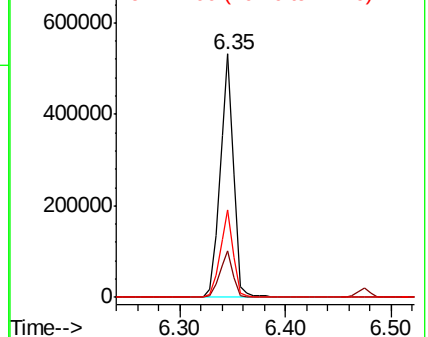
99 100

42 19.3 14.5 21.7

71 36.1 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: 2.125 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109452.D

Acq: 29 Sep 2018 2:01

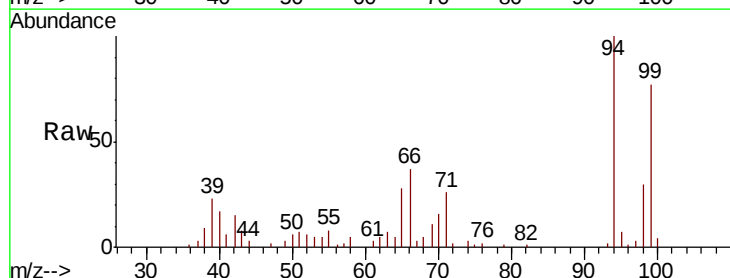
Tgt Ion: 94 Resp: 21012

Ion Ratio Lower Upper

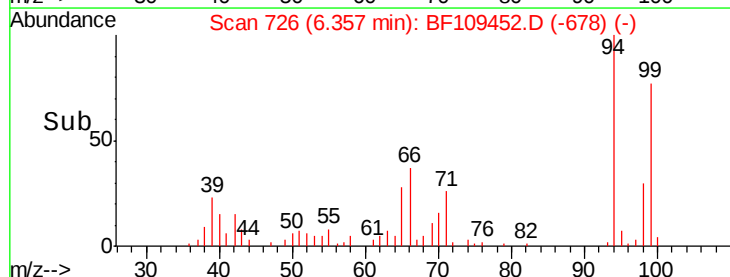
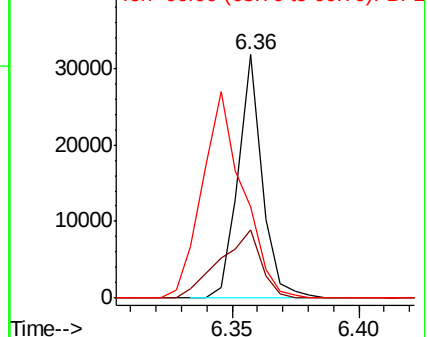
94 100

65 27.9 7.9 47.9

66 37.4 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

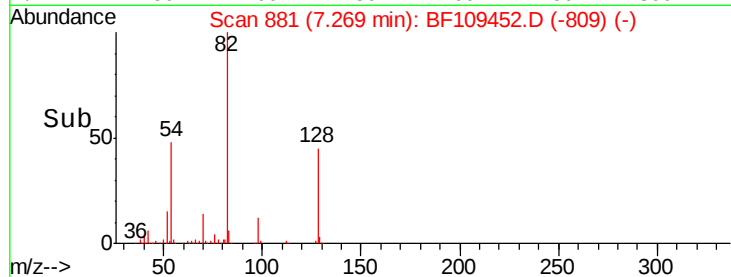
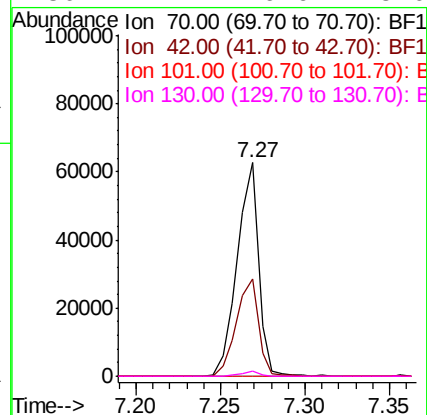
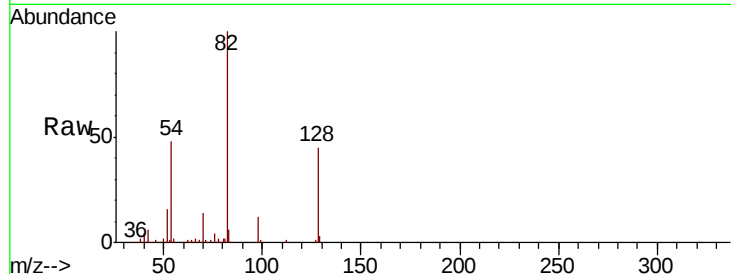




#19
n-Nitroso-di-n-propylamine
Concen: 9.713 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109452.D
Acq: 29 Sep 2018 2:01

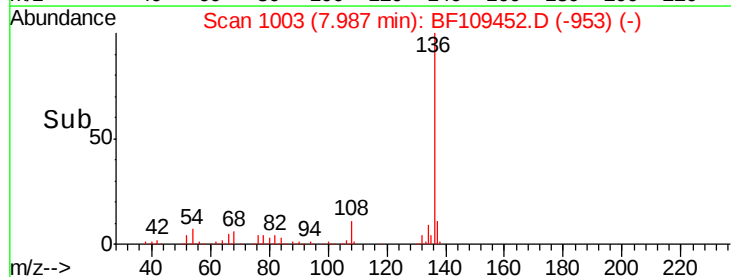
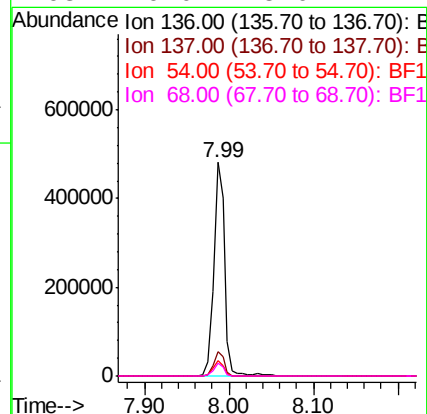
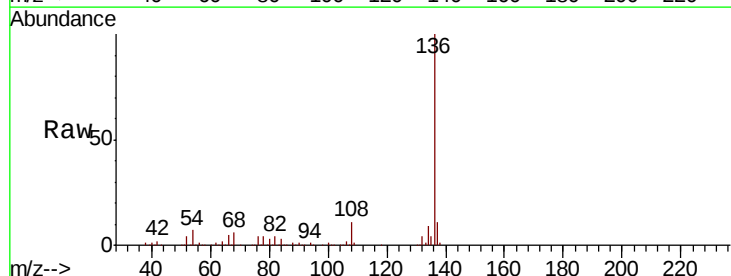
Instrument :
BNA_F
ClientSampleId :
SOUND-WALL

Tgt Ion: 70 Resp: 55573
Ion Ratio Lower Upper
70 100
42 45.6 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: BF109452.D
Acq: 29 Sep 2018 2:01

Tgt Ion: 136 Resp: 436446
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.3 6.6 9.8
68 6.0 5.0 7.4

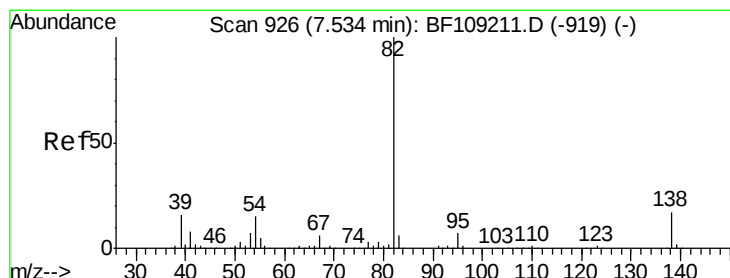
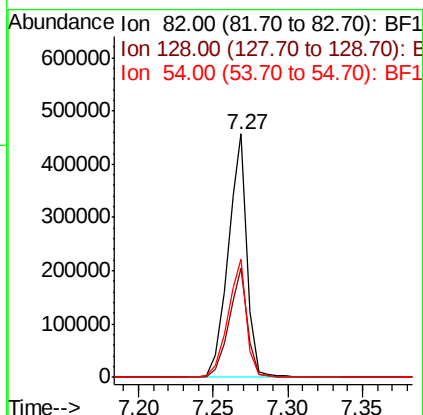
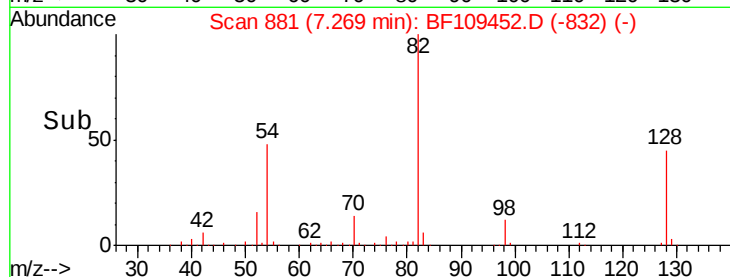
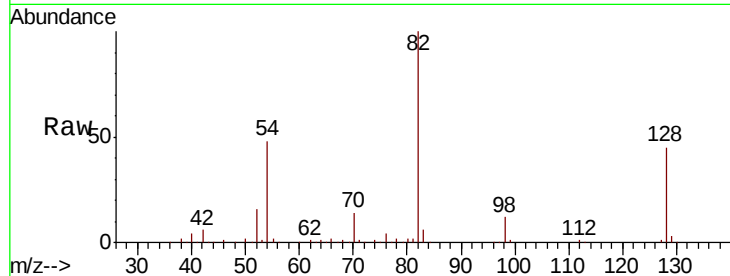




#23
 Nitrobenzene-d5
 Concen: 55.273 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109452.D
 Acq: 29 Sep 2018 2:01

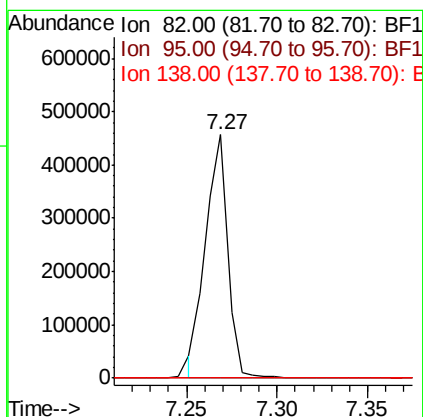
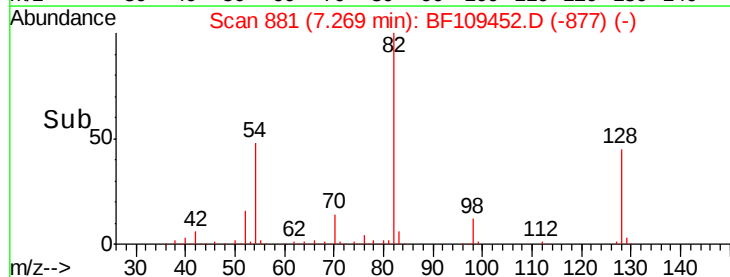
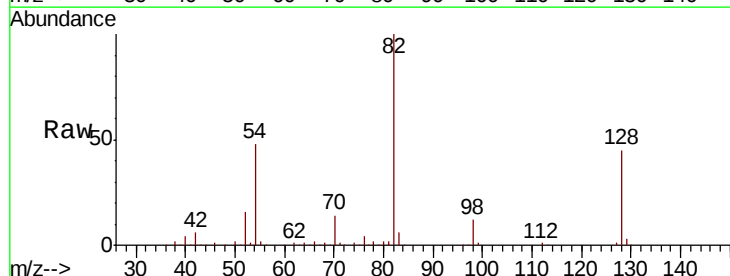
Instrument :
 BNA_F
 ClientSampleId :
 SOUND-WALL

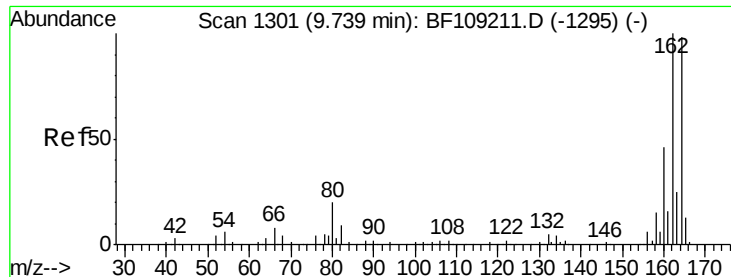
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	48.3	41.4	62.2



#25
 Isophorone
 Concen: 29.260 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109452.D
 Acq: 29 Sep 2018 2:01

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

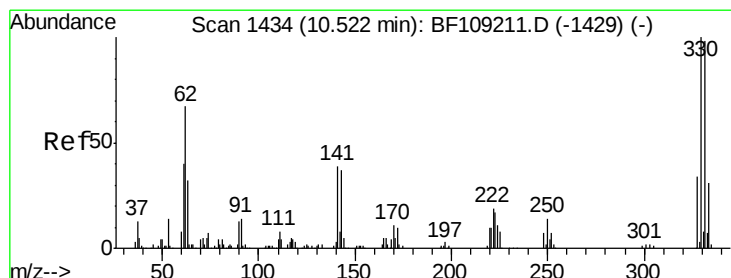
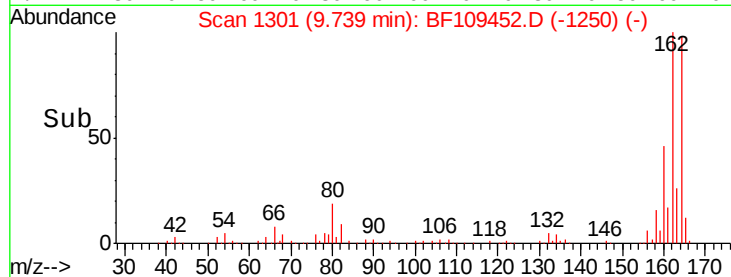
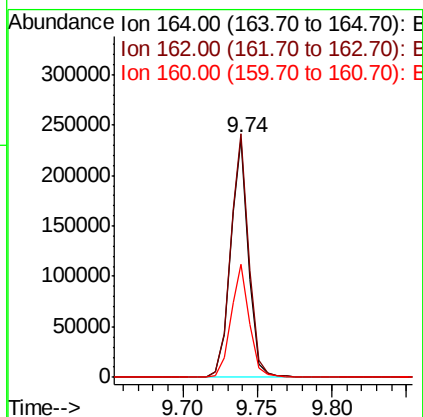
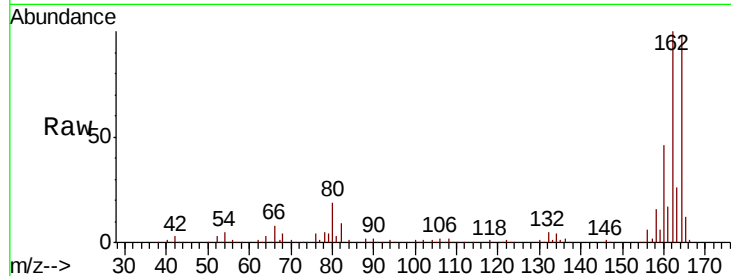




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109452.D
 Acq: 29 Sep 2018 2:01

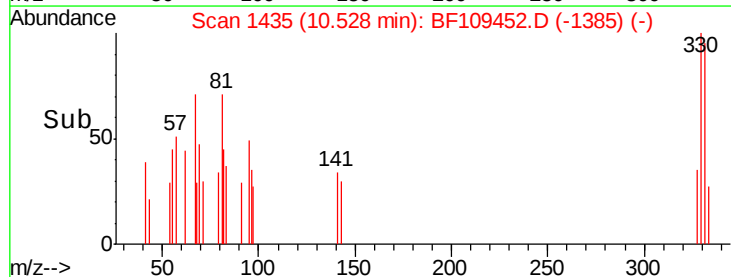
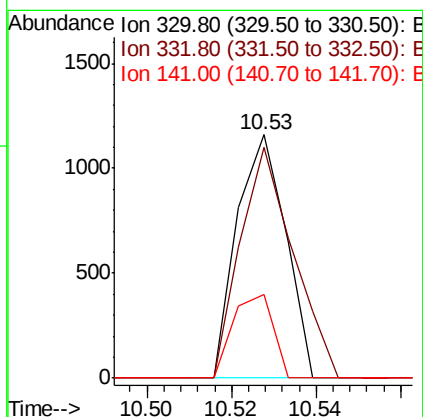
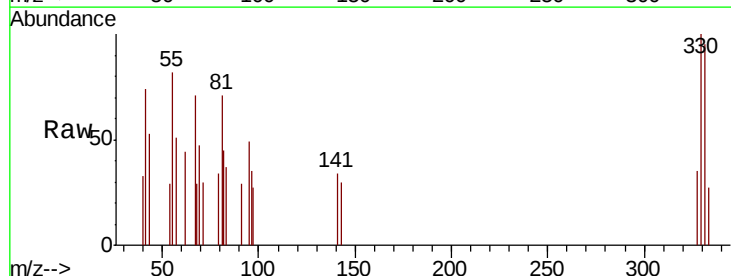
Instrument :
 BNA_F
 ClientSampleId :
 SOUND-WALL

Tgt Ion:164 Resp: 200233
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 47.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 0.469 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109452.D
 Acq: 29 Sep 2018 2:01

Tgt Ion:330 Resp: 926
 Ion Ratio Lower Upper
 330 100
 332 103.3 77.0 115.6
 141 28.2 29.9 44.9#

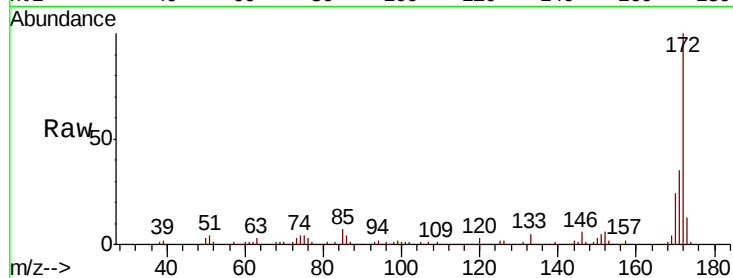




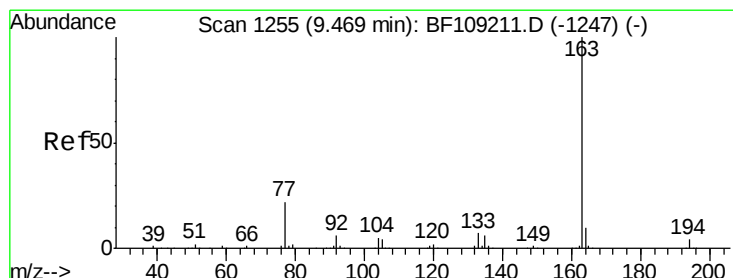
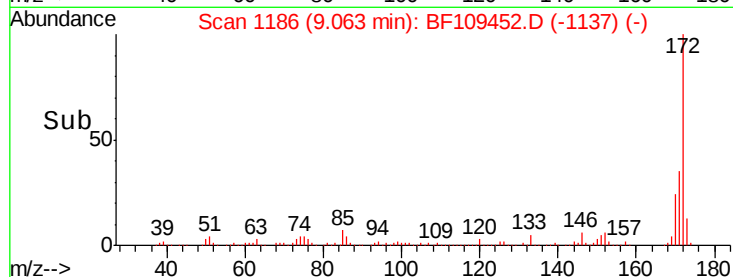
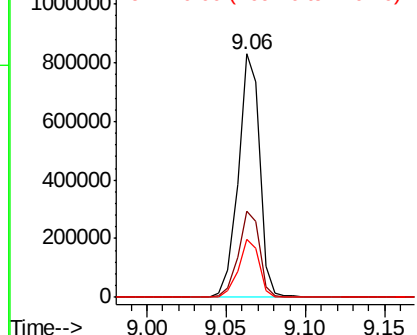
#44
2-Fluorobiphenyl
Concen: 58.531 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109452.D
Acq: 29 Sep 2018 2:01

Instrument :
BNA_F
ClientSampleId :
SOUND-WALL

Tgt Ion:172 Resp: 777073
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.8 19.6 29.4

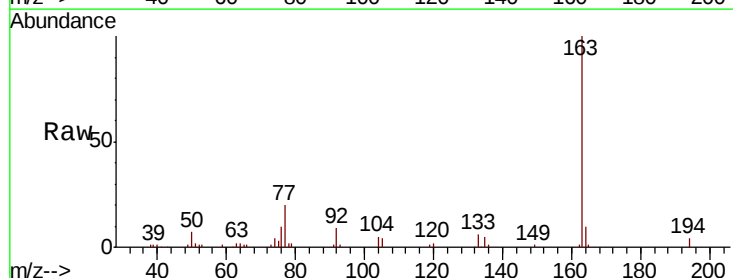


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

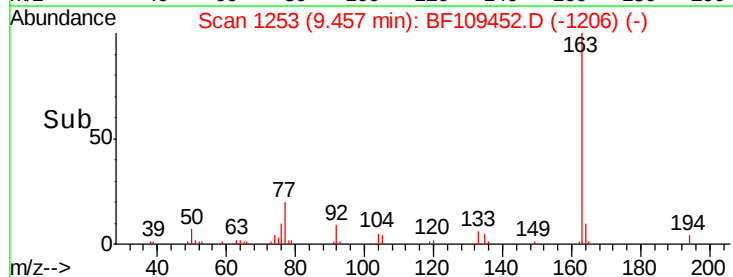
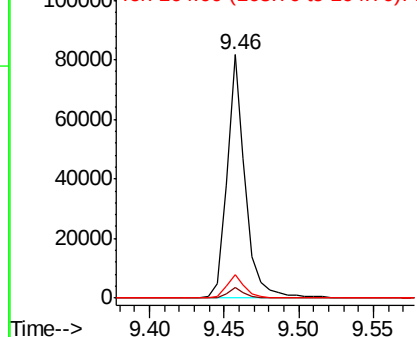


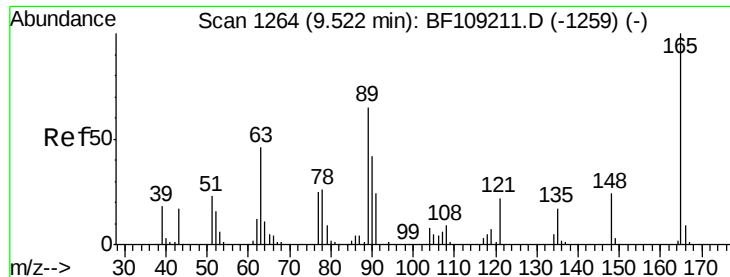
#49
Dimethylphthalate
Concen: 4.836 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109452.D
Acq: 29 Sep 2018 2:01

Tgt Ion:163 Resp: 70437
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.9 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

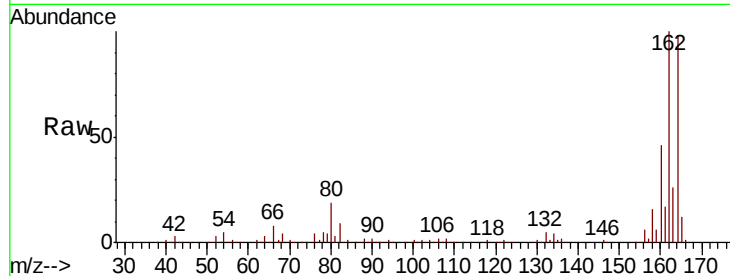




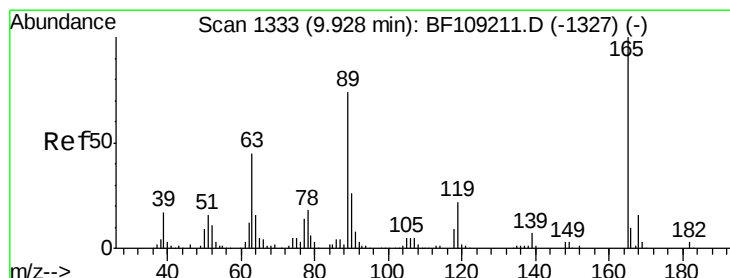
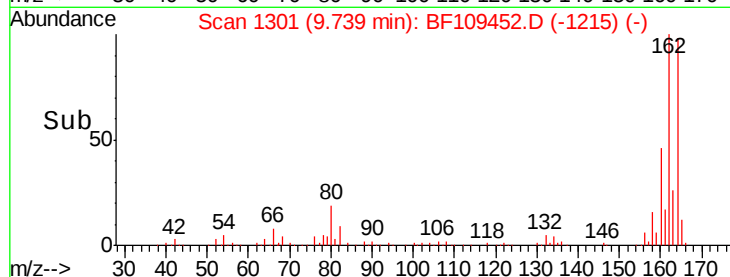
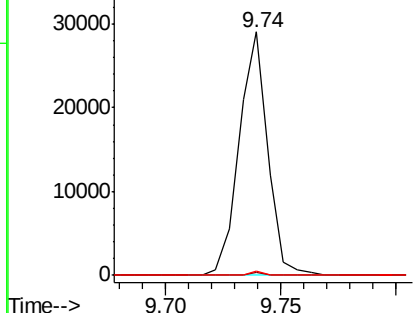
#50
 2,6-Dinitrotoluene
 Concen: 8.655 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF109452.D
 Acq: 29 Sep 2018 2:01

Instrument :
 BNA_F
 ClientSampleId :
 SOUND-WALL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.6	44.0	66.0#



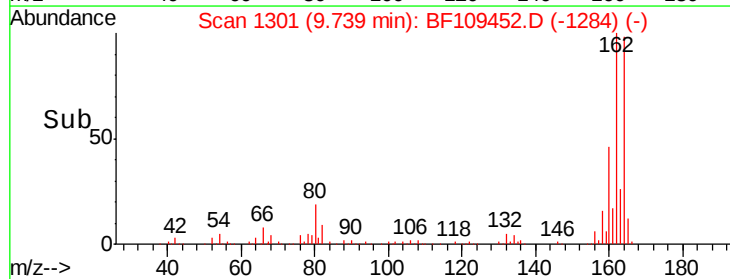
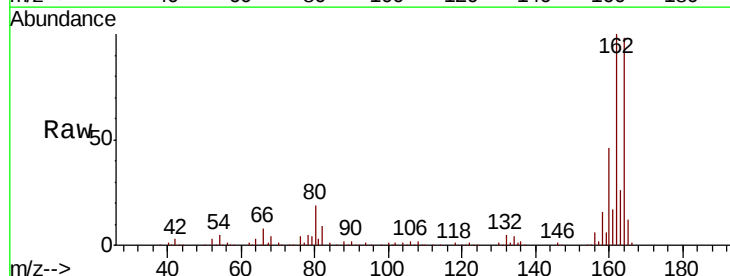
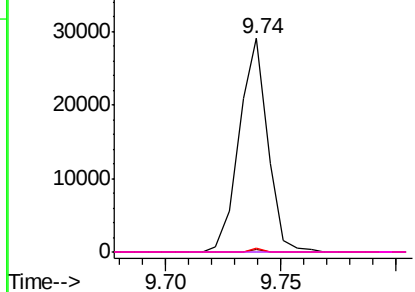
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

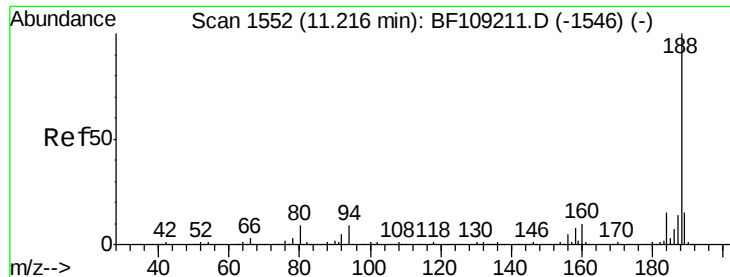


#56
 2,4-Dinitrotoluene
 Concen: 6.840 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109452.D
 Acq: 29 Sep 2018 2:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	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

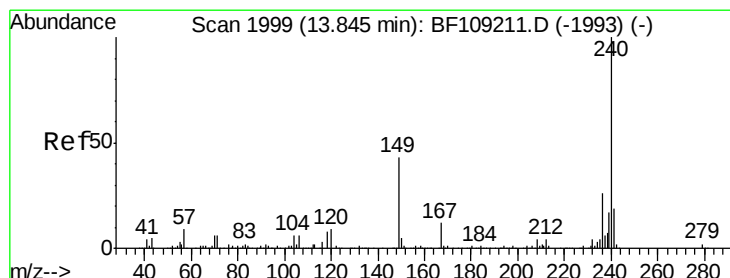
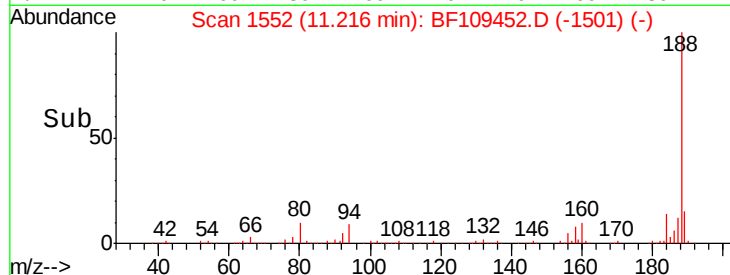
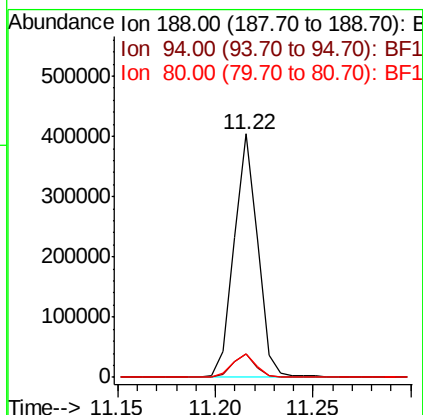
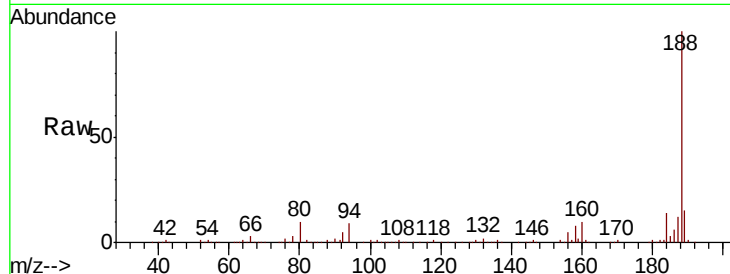




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109452.D
Acq: 29 Sep 2018 2:01

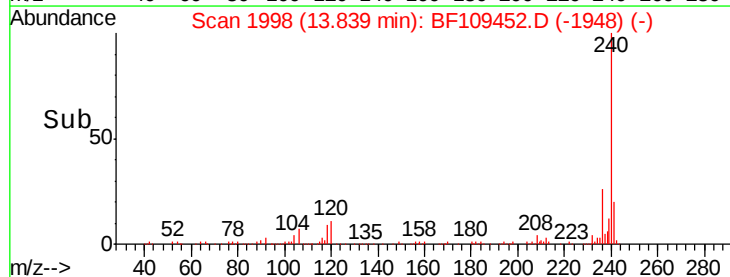
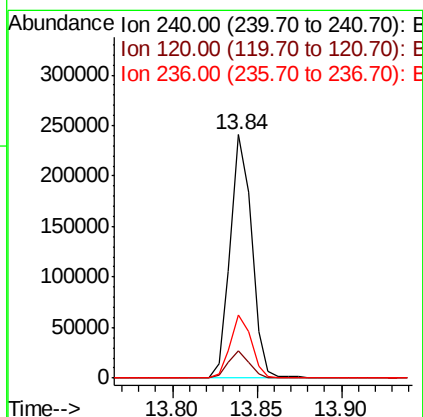
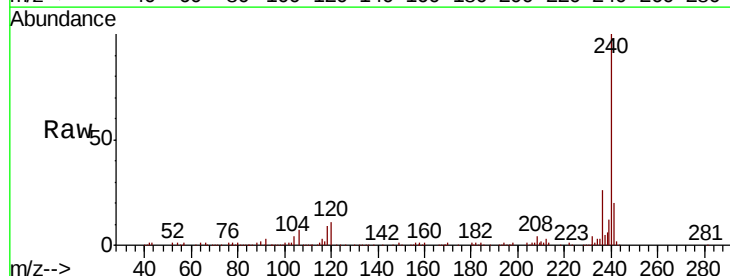
Instrument :
BNA_F
ClientSampleId :
SOUND-WALL

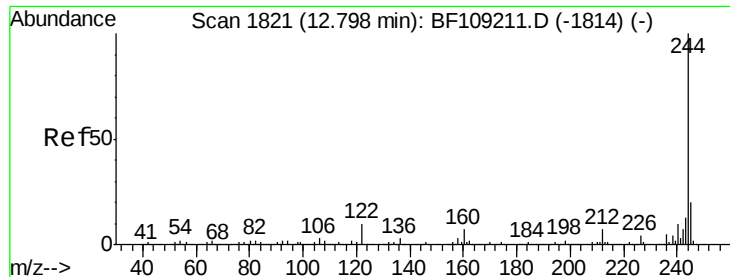
Tgt Ion:188 Resp: 340349
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109452.D
Acq: 29 Sep 2018 2:01

Tgt Ion:240 Resp: 213348
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 65.194 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109452.D

Acq: 29 Sep 2018 2:01

Instrument :

BNA_F

ClientSampleId :

SOUND-WALL

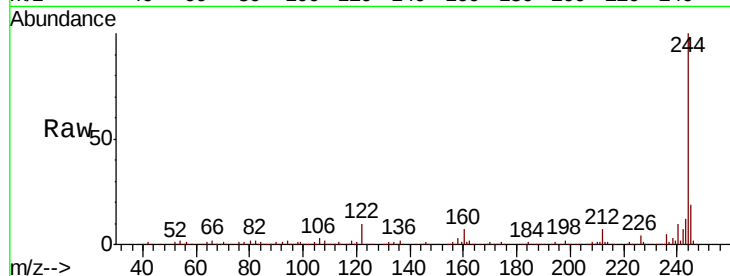
Tgt Ion:244 Resp: 566755

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

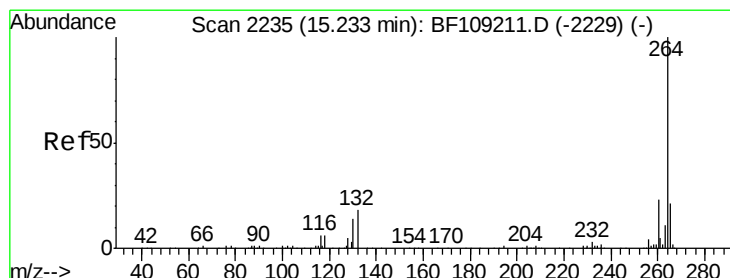
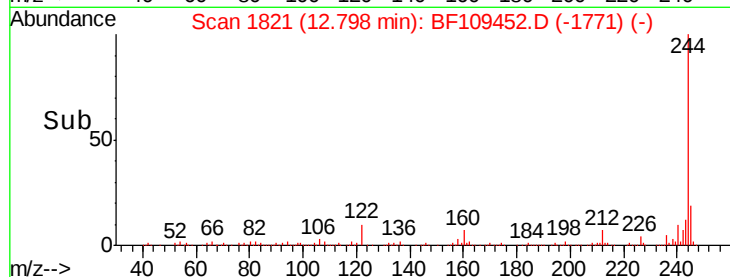
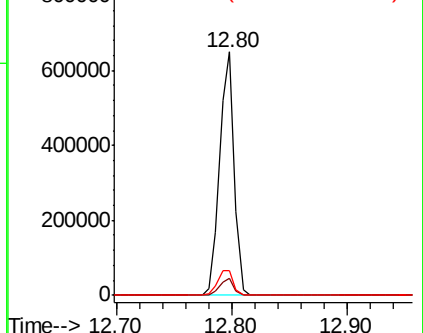
122 10.3 11.0 16.4#



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# 2237

Delta R.T. 0.01 min

Lab File: BF109452.D

Acq: 29 Sep 2018 2:01

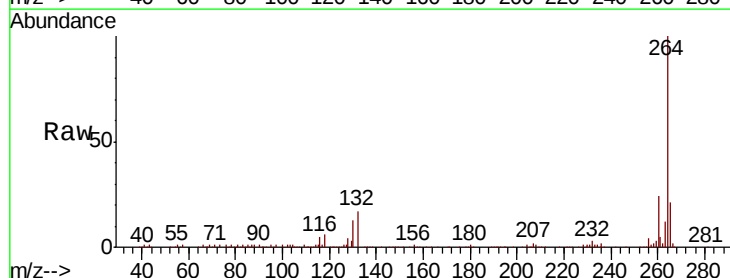
Tgt Ion:264 Resp: 221961

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.3 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

