

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
 Data File : BF109712.D
 Acq On : 9 Oct 2018 23:15
 Operator : JU/SJ
 Sample : J5300-01RX
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-STONE

Quant Time: Oct 10 03:08:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

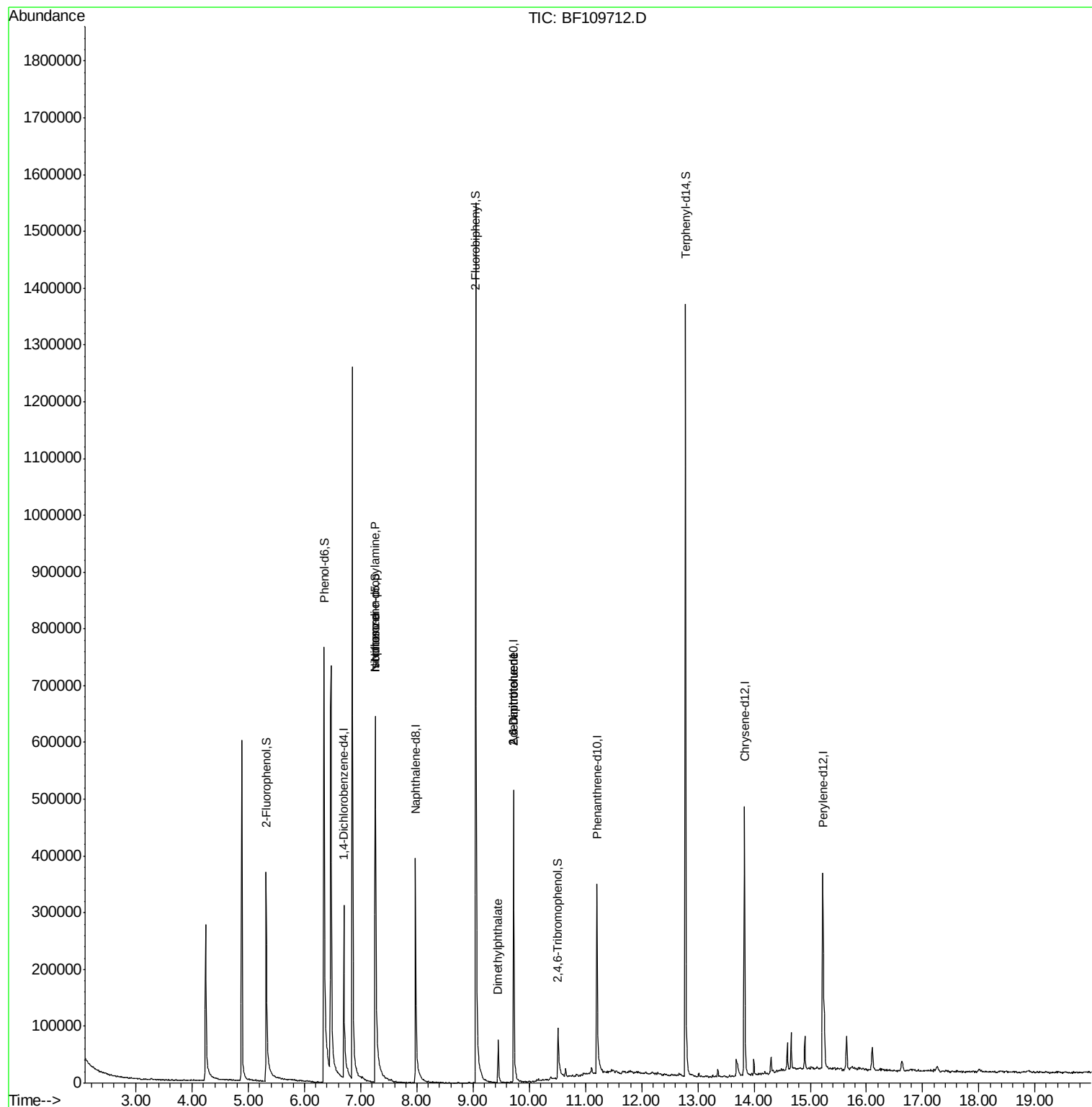
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	71531	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	280460	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	114842	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	195339	20.00	ng	0.00
75) Chrysene-d12	13.83	240	201869	20.00	ng	0.00
86) Perylene-d12	15.22	264	196178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	178289	44.24	ng	0.00
7) Phenol-d6	6.35	99	466610	86.68	ng	-0.01
23) Nitrobenzene-d5	7.26	82	357070	70.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	22652	18.10	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	628841	75.41	ng	0.00
78) Terphenyl-d14	12.78	244	523116	50.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	47514	12.586	ng	# 79
25) Isophorone	7.26	82	357070	42.263	ng	# 67
49) Dimethylphthalate	9.44	163	45004	5.343	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	14318	7.842	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	14318	6.284	ng	# 17

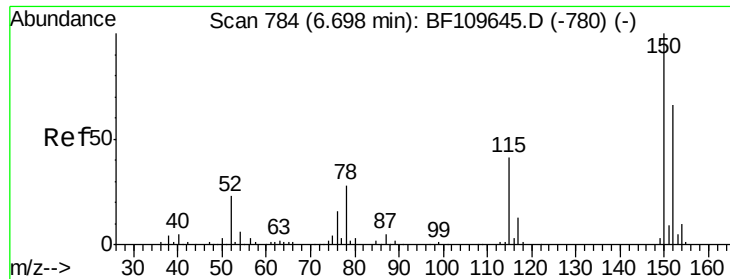
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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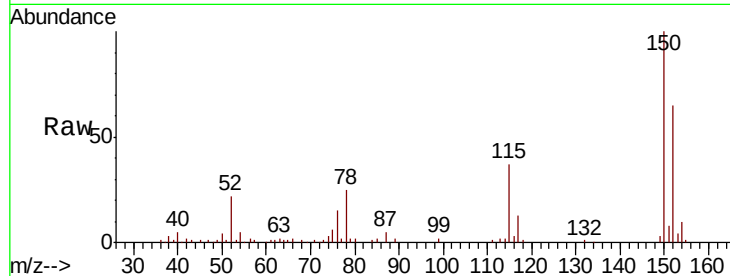


#1

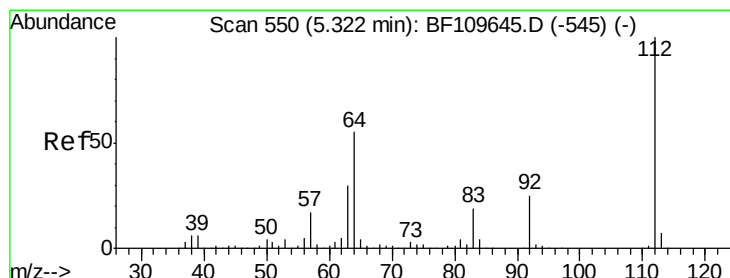
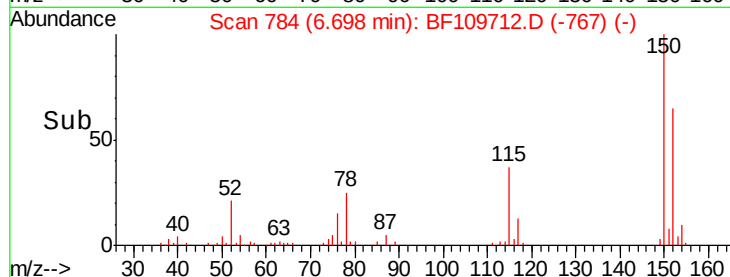
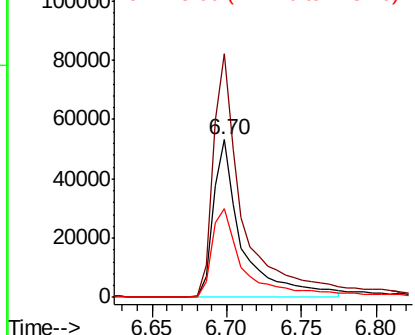
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109712.D
Acq: 9 Oct 2018 23:15

Instrument :
BNA_F
ClientSampleId :
SR-STONE

Tgt Ion:152 Resp: 71531
Ion Ratio Lower Upper
152 100
150 154.6 122.7 184.1
115 56.8 49.1 73.7



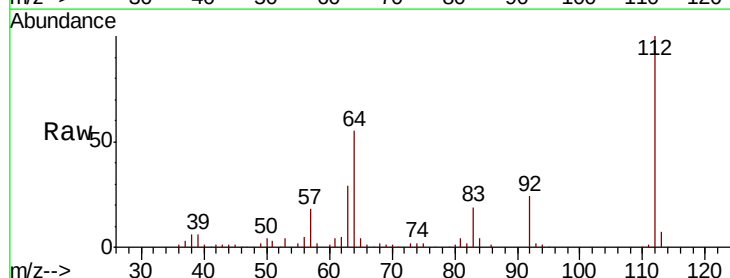
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



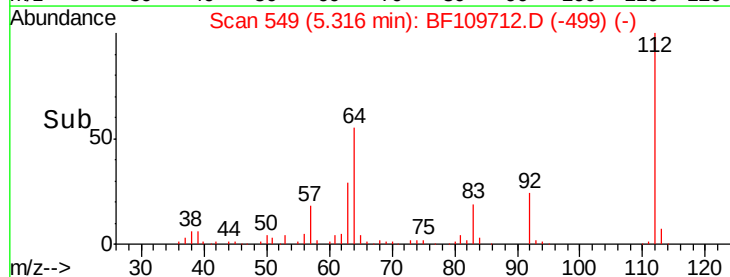
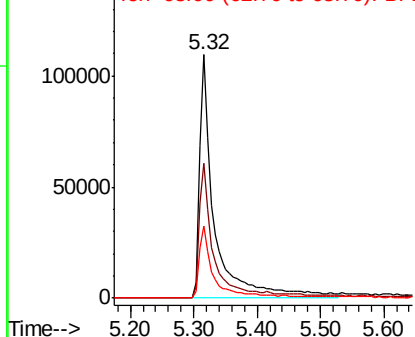
#5

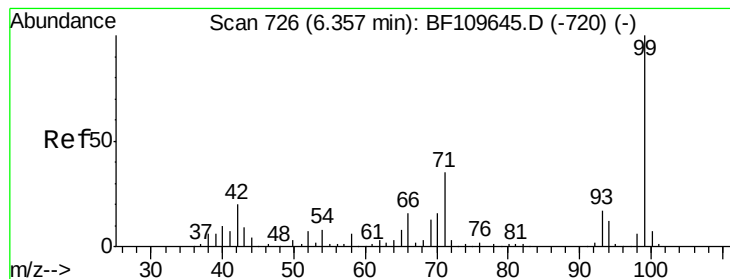
2-Fluorophenol
Concen: 44.242 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109712.D
Acq: 9 Oct 2018 23:15

Tgt Ion:112 Resp: 178289
Ion Ratio Lower Upper
112 100
64 55.4 44.1 66.1
63 29.4 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: 86.675 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109712.D

Acq: 9 Oct 2018 23:15

Instrument :

BNA_F

ClientSampleId :

SR-STONE

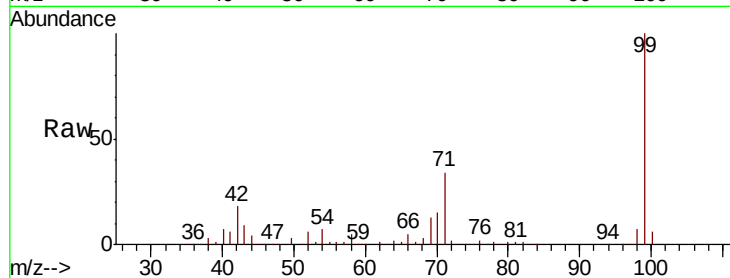
Tgt Ion: 99 Resp: 466610

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

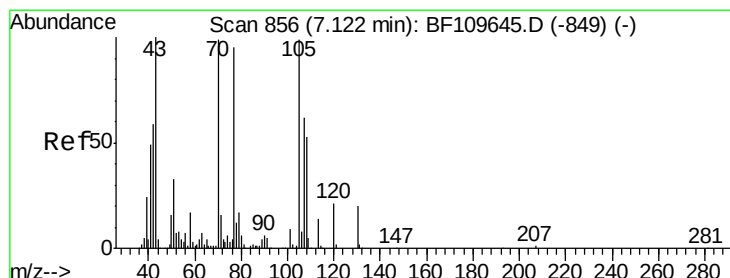
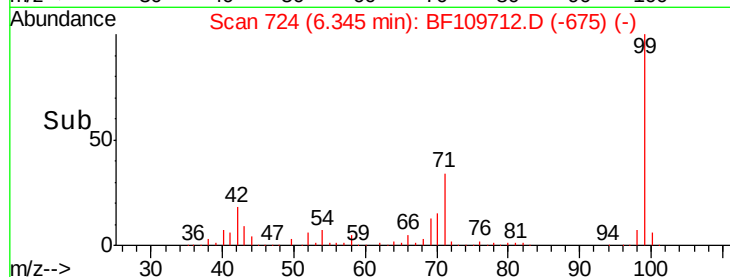
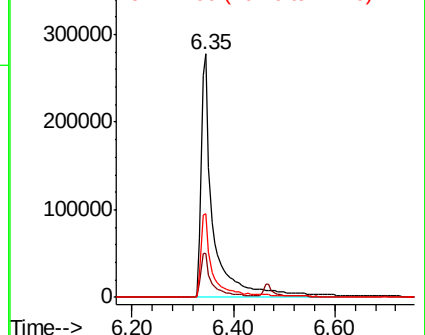
71 34.5 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.586 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF109712.D

Acq: 9 Oct 2018 23:15

Tgt Ion: 70 Resp: 47514

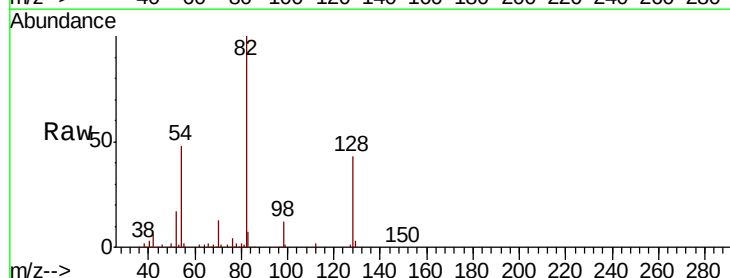
Ion Ratio Lower Upper

70 100

42 48.1 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#

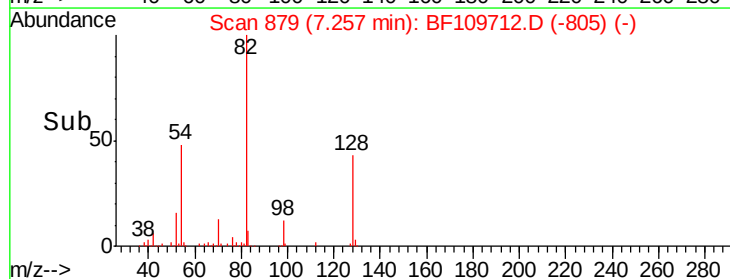
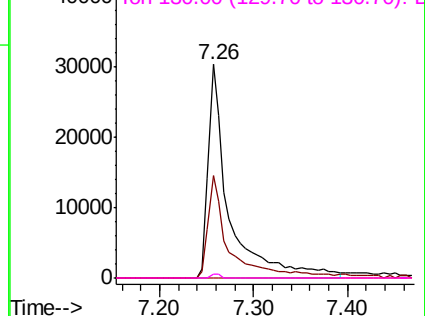


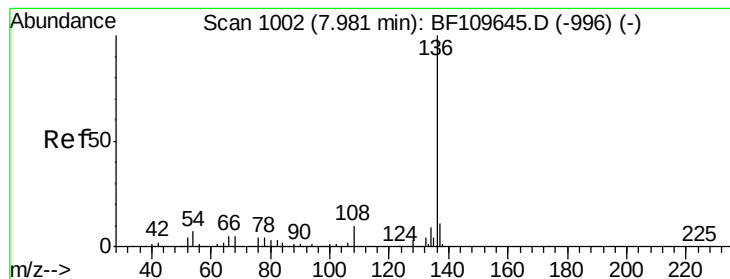
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109712.D

Acq: 9 Oct 2018 23:15

Instrument :

BNA_F

ClientSampleId :

SR-STONE

Tgt Ion:136 Resp: 280460

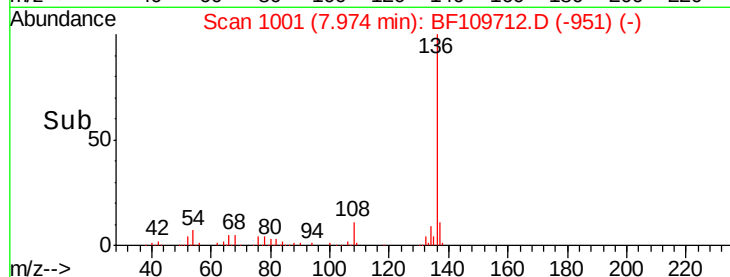
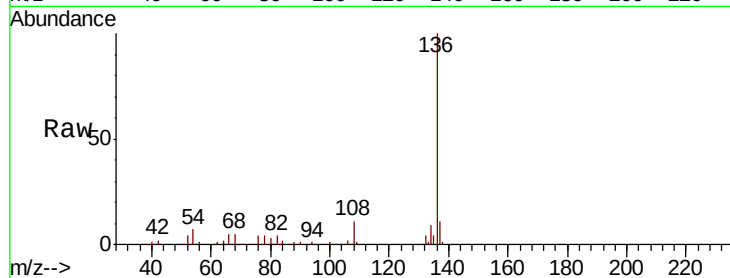
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.8 5.4 8.2

68 5.0 4.2 6.2

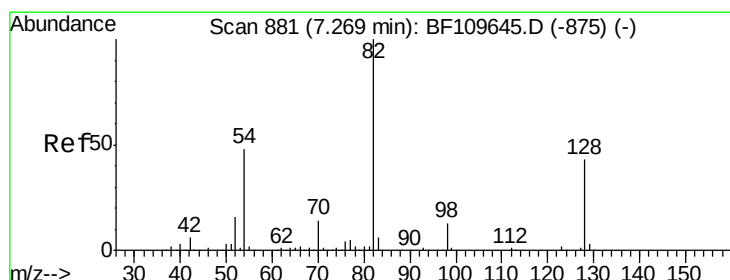
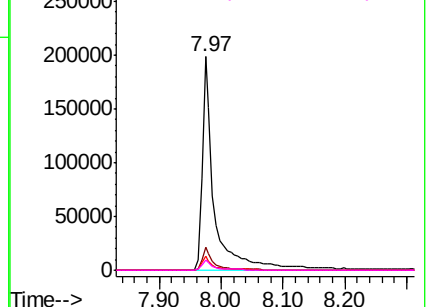


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.181 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109712.D

Acq: 9 Oct 2018 23:15

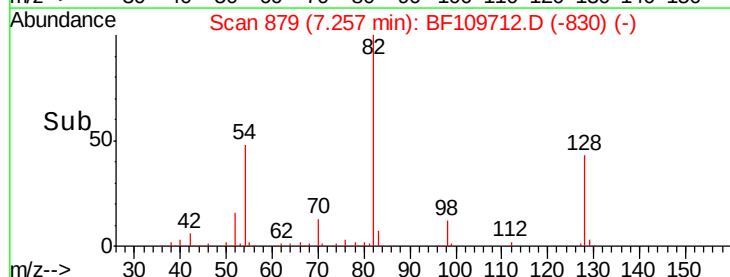
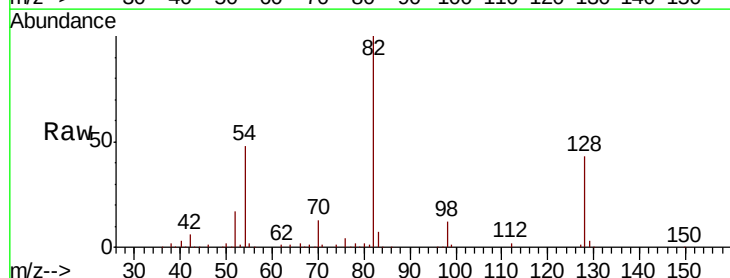
Tgt Ion: 82 Resp: 357070

Ion Ratio Lower Upper

82 100

128 43.0 34.2 51.2

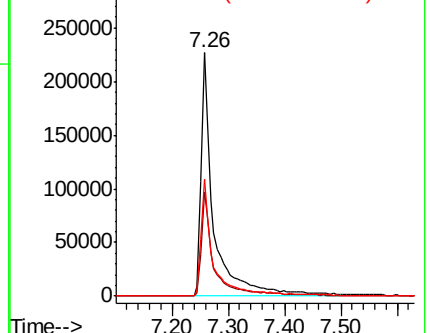
54 48.0 38.6 58.0

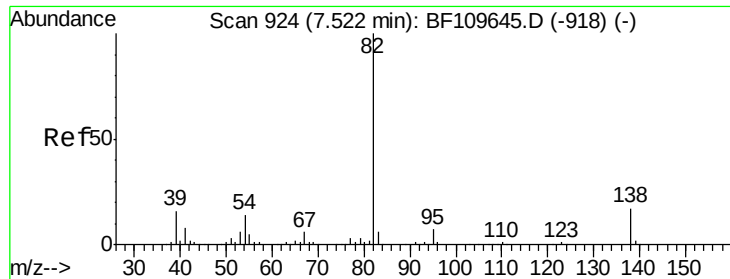


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.263 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.27 min

Lab File: BF109712.D

Acq: 9 Oct 2018 23:15

Instrument :

BNA_F

ClientSampleId :

SR-STONE

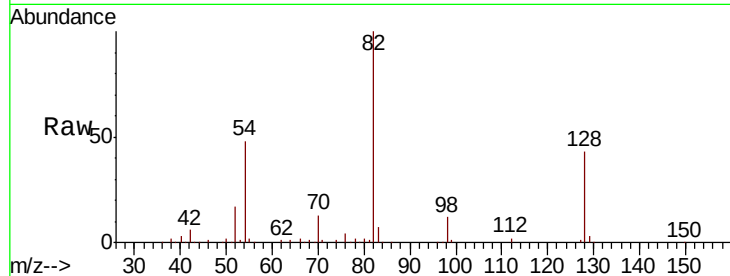
Tgt Ion: 82 Resp: 357070

Ion Ratio Lower Upper

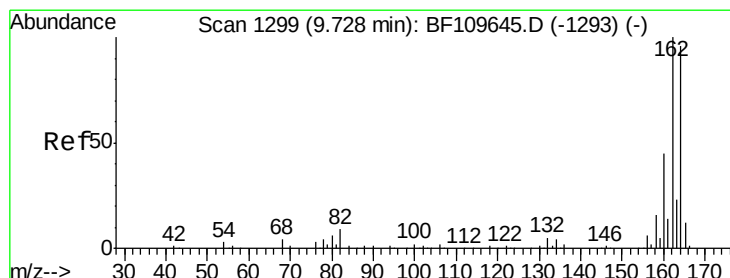
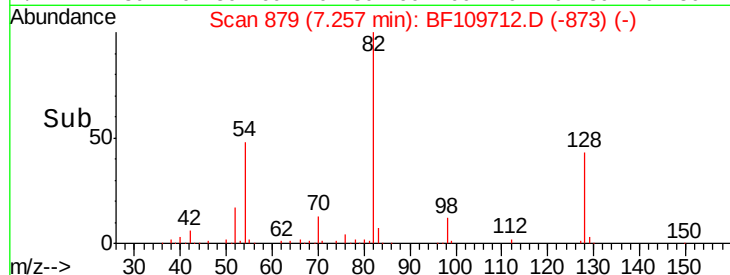
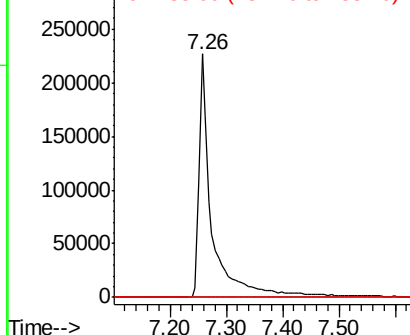
82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



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: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109712.D

Acq: 9 Oct 2018 23:15

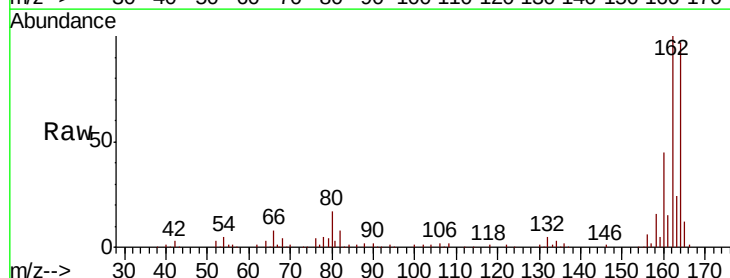
Tgt Ion: 164 Resp: 114842

Ion Ratio Lower Upper

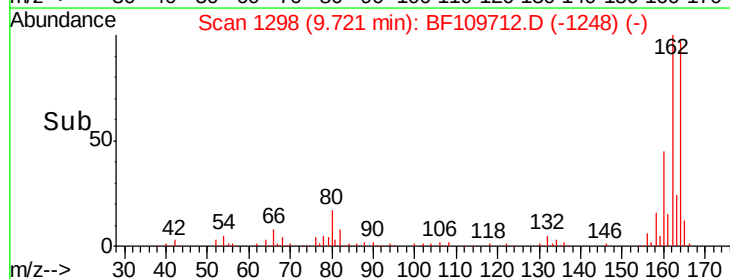
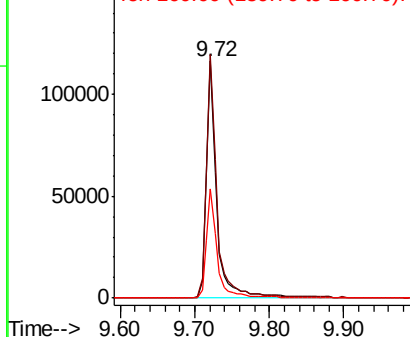
164 100

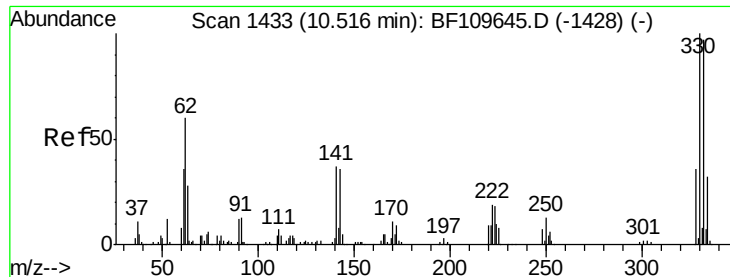
162 102.8 83.0 124.6

160 45.9 37.0 55.6



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

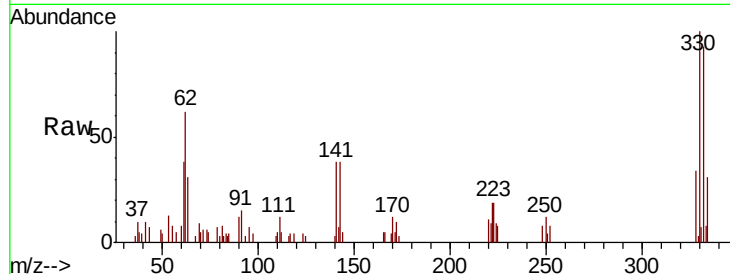




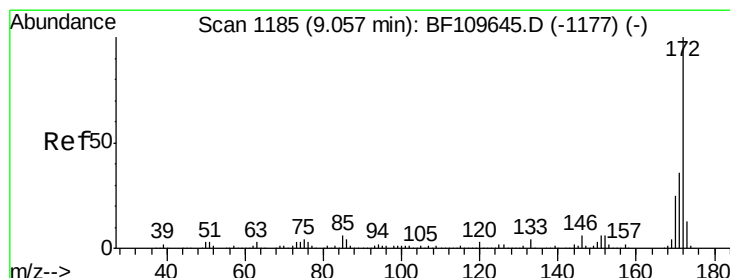
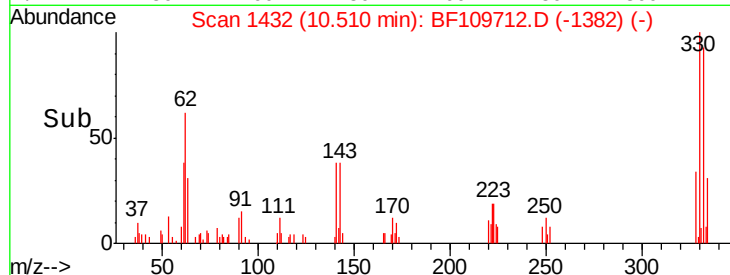
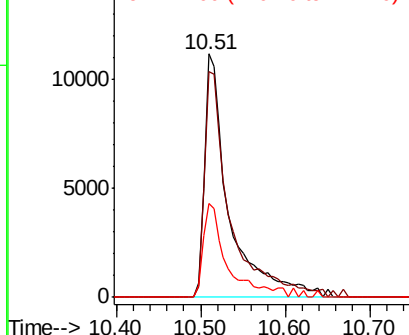
#41
 2,4,6-Tribromophenol
 Concen: 18.102 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109712.D
 Acq: 9 Oct 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :
 SR-STONE

Tgt Ion:330 Resp: 22652
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 37.1 27.0 40.4

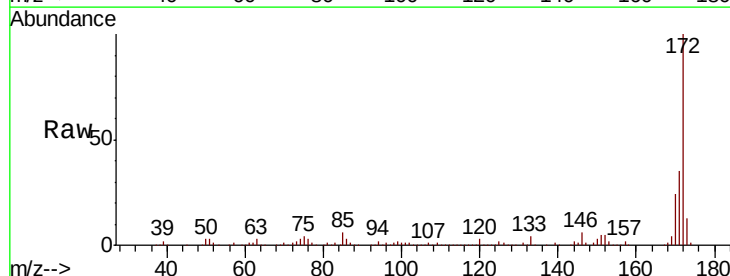


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

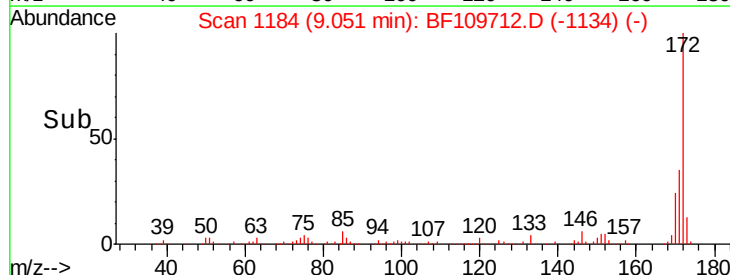
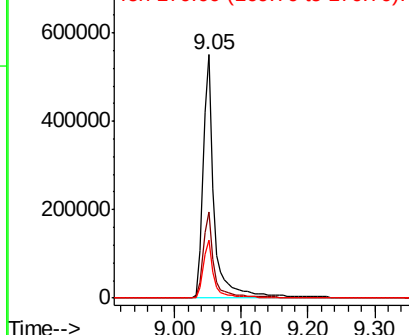


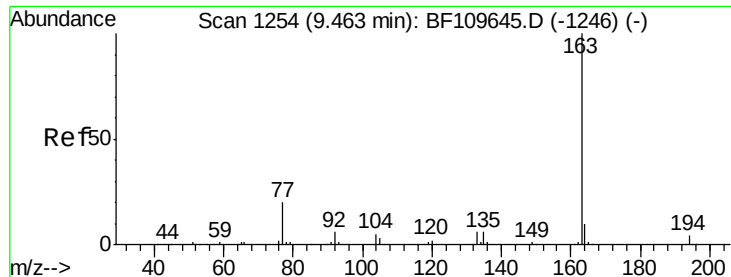
#44
 2-Fluorobiphenyl
 Concen: 75.414 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109712.D
 Acq: 9 Oct 2018 23:15

Tgt Ion:172 Resp: 628841
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.8 19.7 29.5



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: 5.343 ng

RT: 9.44 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109712.D

Acq: 9 Oct 2018 23:15

Instrument :

BNA_F

ClientSampleId :

SR-STONE

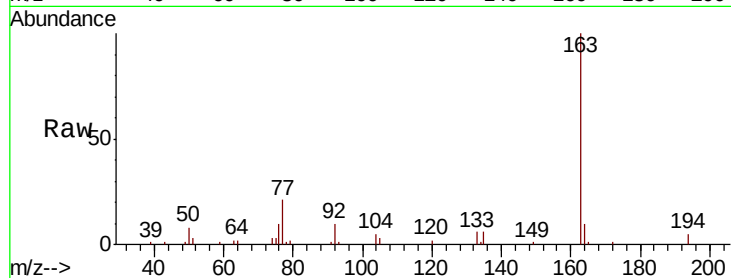
Tgt Ion:163 Resp: 45004

Ion Ratio Lower Upper

163 100

194 5.0 3.2 4.8#

164 9.9 8.1 12.1

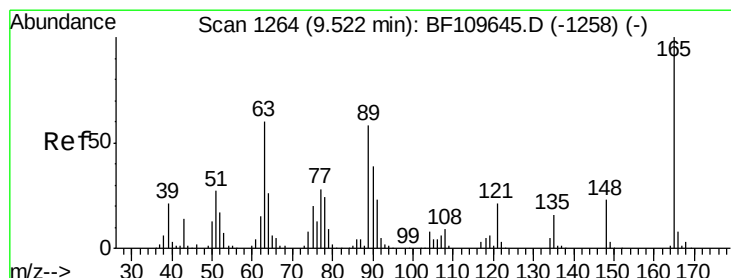
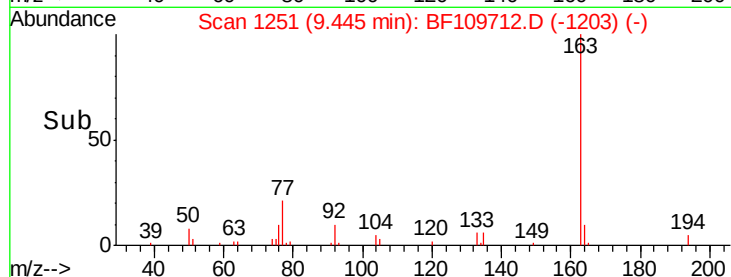
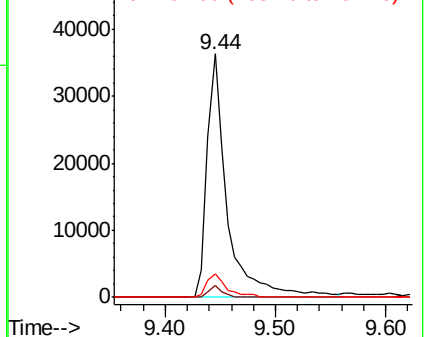


Abundance

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: 7.842 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.20 min

Lab File: BF109712.D

Acq: 9 Oct 2018 23:15

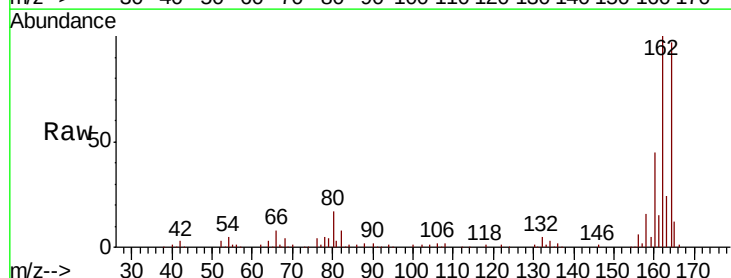
Tgt Ion:165 Resp: 14318

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

89 0.0 46.6 69.8#

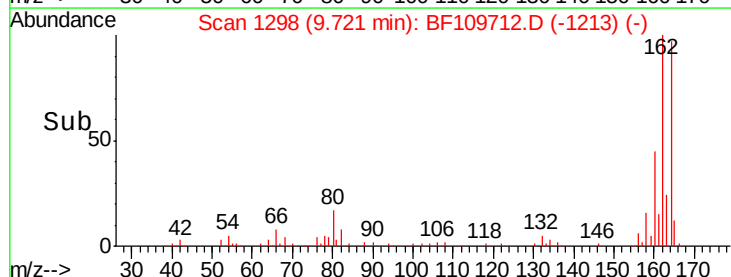
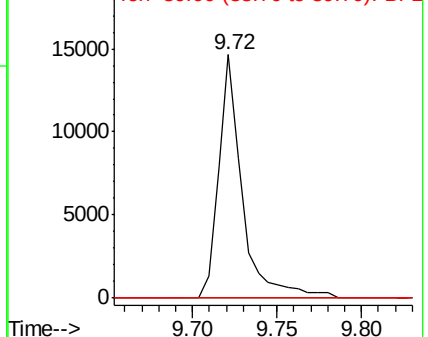


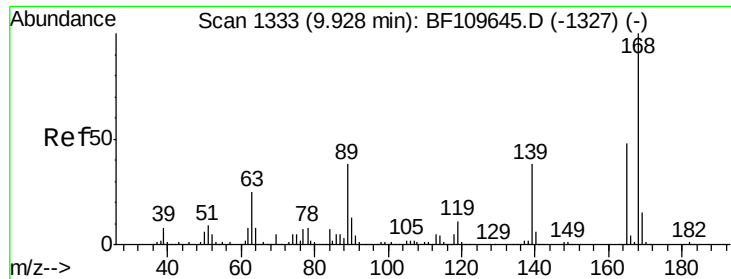
Abundance

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

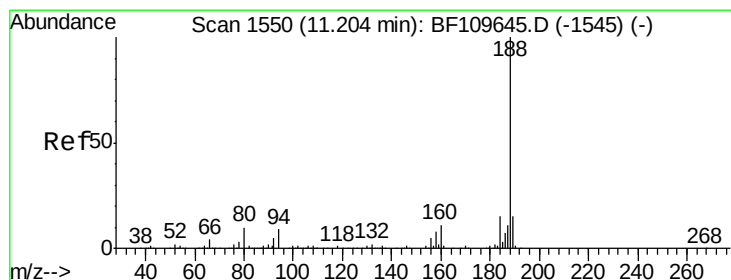
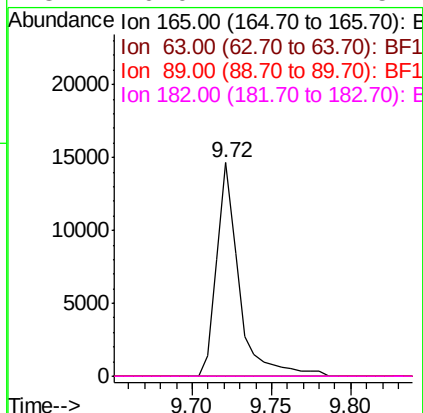
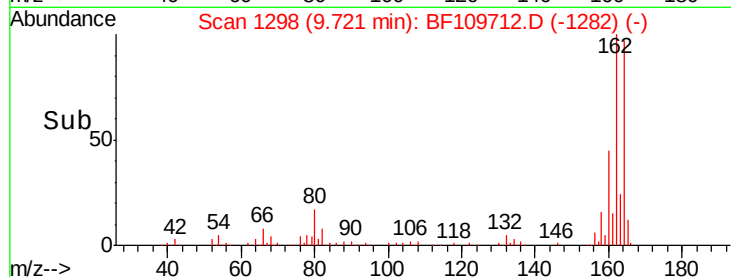
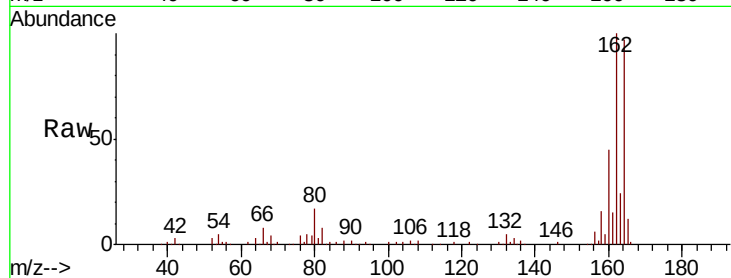




#56
 2,4-Dinitrotoluene
 Concen: 6.284 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109712.D
 Acq: 9 Oct 2018 23:15

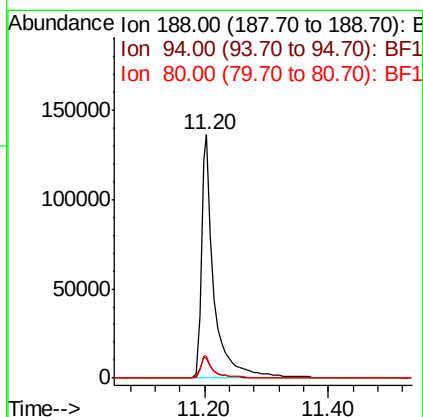
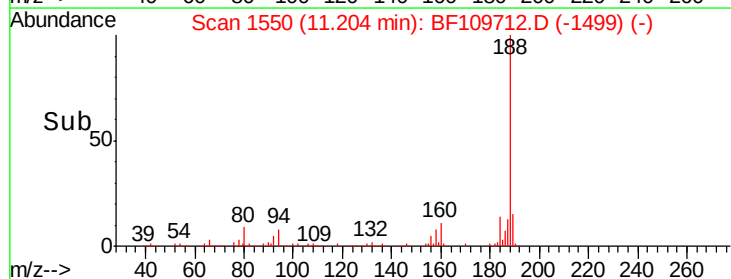
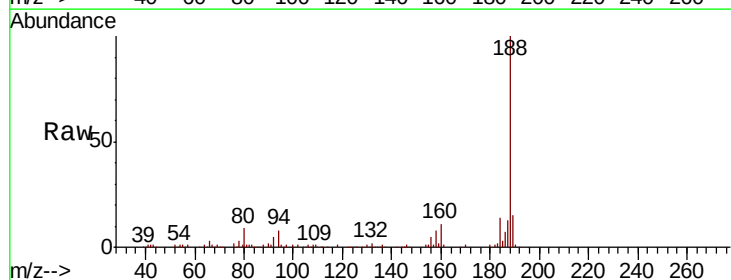
Instrument :
 BNA_F
 ClientSampleId :
 SR-STONE

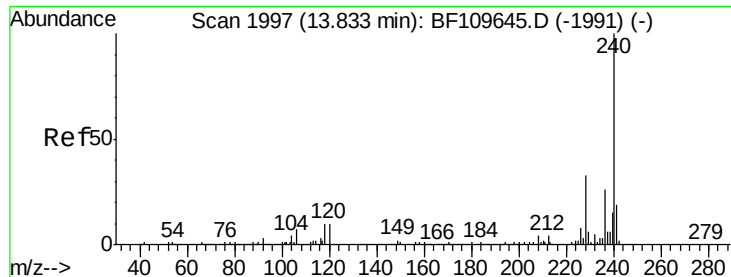
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF109712.D
 Acq: 9 Oct 2018 23:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.0	7.9	11.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109712.D

Acq: 9 Oct 2018 23:15

Instrument :

BNA_F

ClientSampleId :

SR-STONE

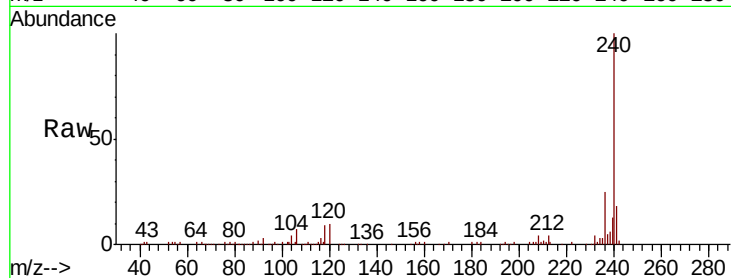
Tgt Ion:240 Resp: 201869

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

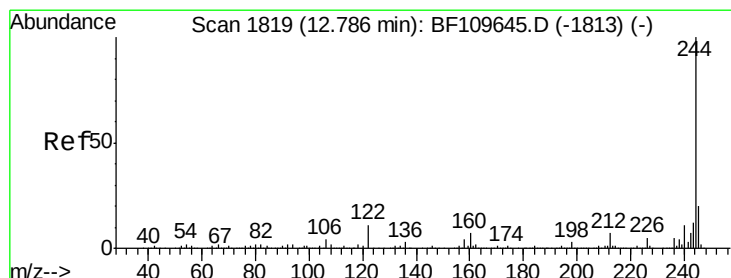
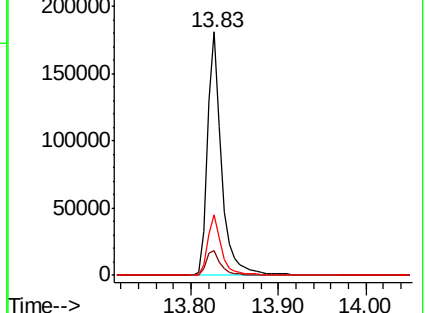
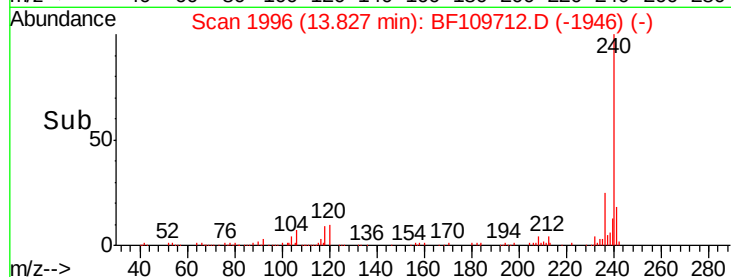
236 25.0 21.2 31.8



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: 50.165 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109712.D

Acq: 9 Oct 2018 23:15

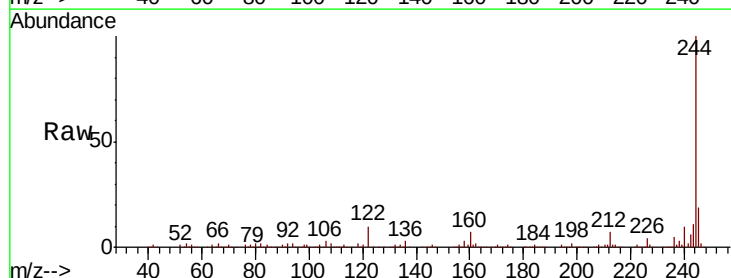
Tgt Ion:244 Resp: 523116

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

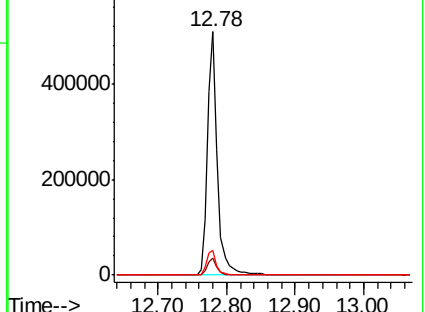
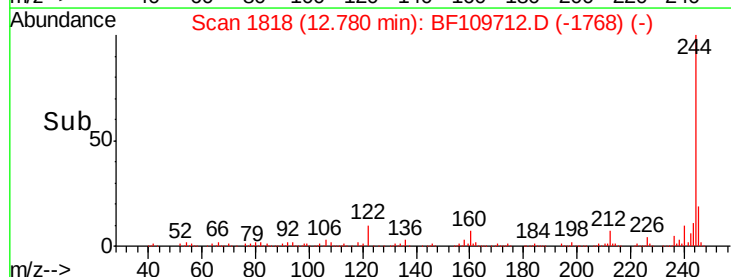
122 10.4 8.7 13.1

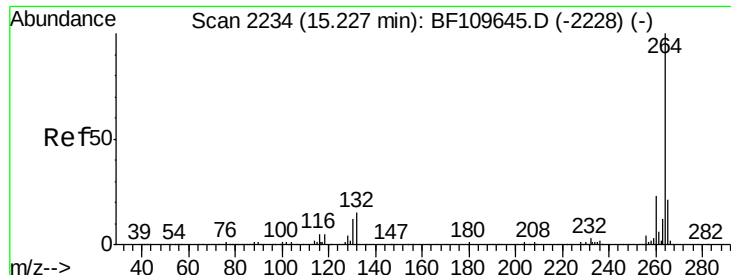


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

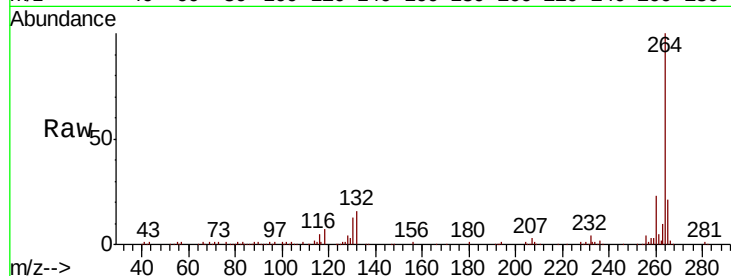




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109712.D
Acq: 9 Oct 2018 23:15

Instrument :
BNA_F
ClientSampleId :
SR-STONE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.2	16.7	25.1



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

