

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109611.D
 Acq On : 5 Oct 2018 14:42
 Operator : JU/SJ
 Sample : J5223-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02

Quant Time: Oct 05 15:11:07 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

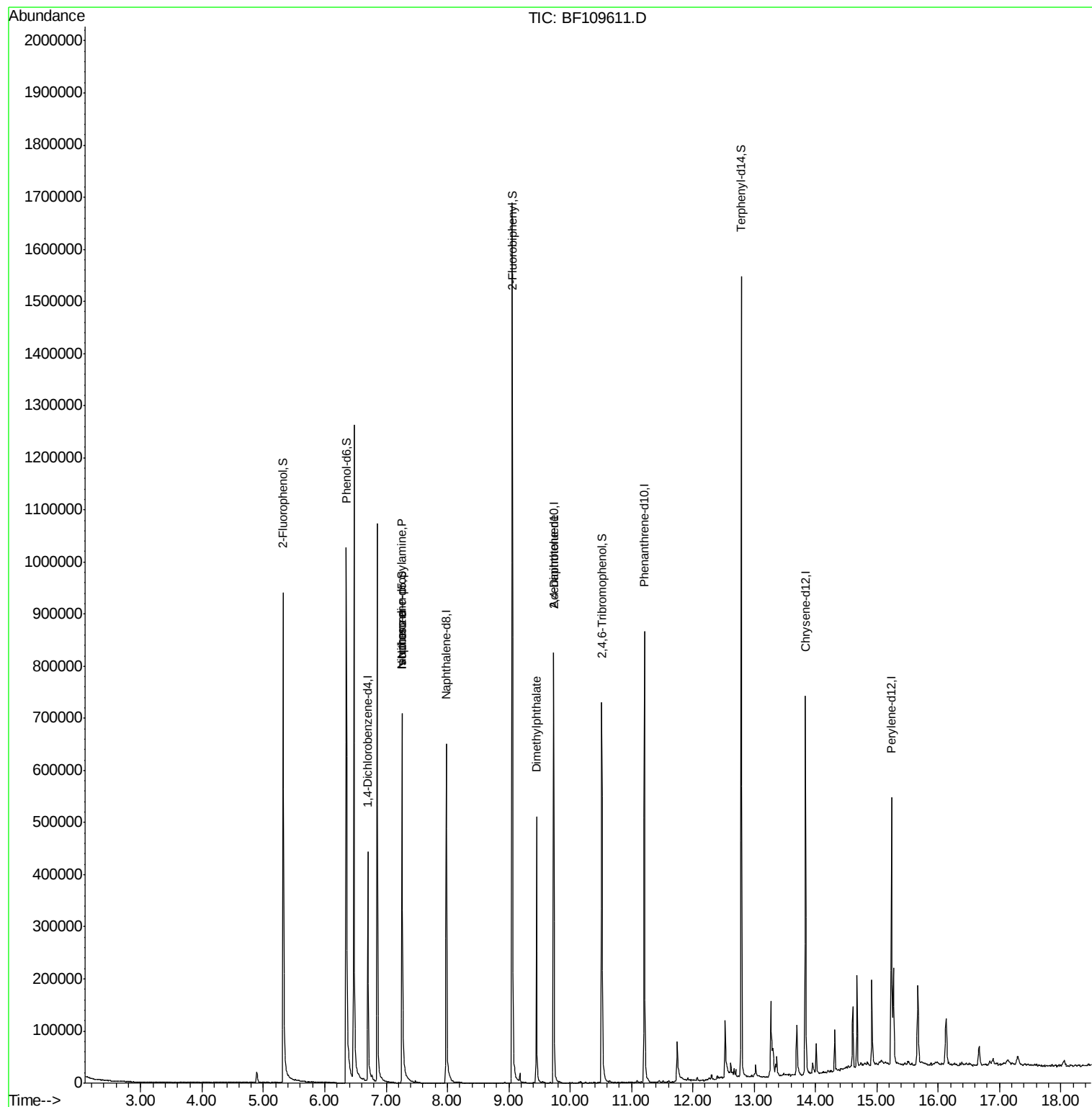
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	85706	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	351139	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	173753	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	341019	20.00	ng	0.00
75) Chrysene-d12	13.84	240	274822	20.00	ng	0.00
86) Perylene-d12	15.24	264	245725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	313668	60.28	ng	0.00
7) Phenol-d6	6.35	99	437490	65.89	ng	0.00
23) Nitrobenzene-d5	7.26	82	289952	48.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	101871	59.47	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	558825	48.51	ng	-0.02
78) Terphenyl-d14	12.79	244	536596	47.92	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	36447	8.377	ng	# 76
25) Isophorone	7.26	82	280066	26.147	ng	# 64
49) Dimethylphthalate	9.45	163	199699	15.802	ng	99
56) 2,4-Dinitrotoluene	9.73	165	21721	6.859	ng	# 24

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

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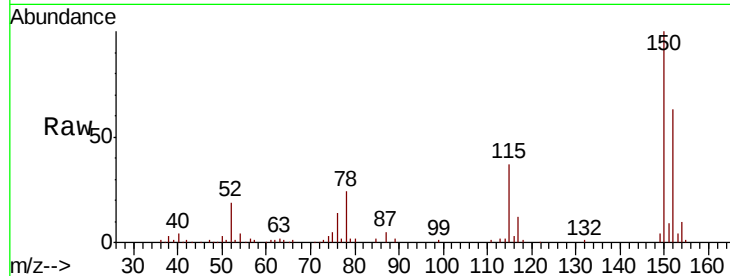


#1

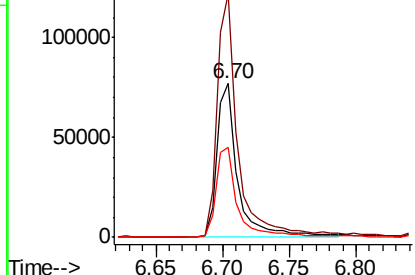
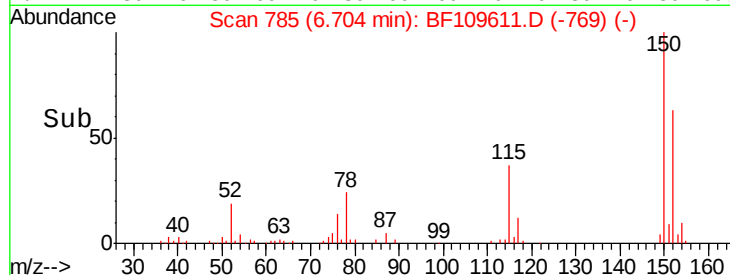
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109611.D
 Acq: 5 Oct 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02

Tot Ion:152 Resp: 85706
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 58.3 50.1 75.1



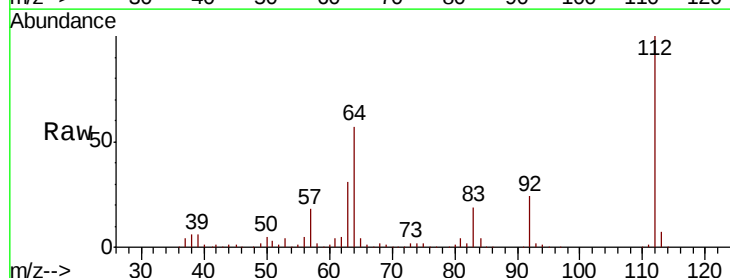
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



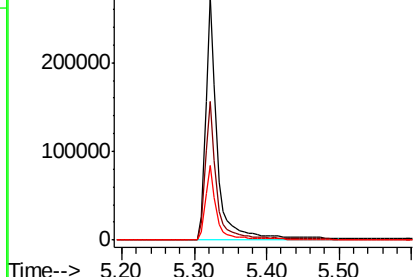
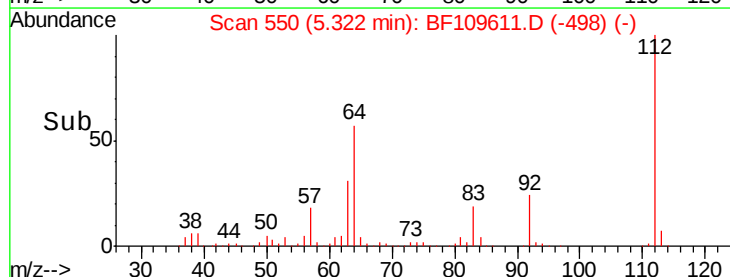
#5

2-Fluorophenol
 Concen: 60.280 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109611.D
 Acq: 5 Oct 2018 14:42

Tgt Ion:112 Resp: 313668
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.9 71.9
 63 30.9 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: 65.888 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109611.D

Acq: 5 Oct 2018 14:42

Instrument :

BNA_F

ClientSampleId :

SSSI-1001-S-DH-02

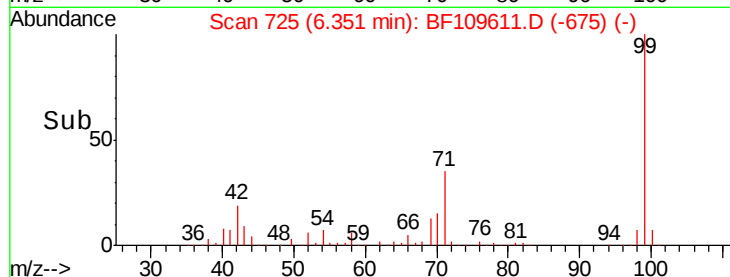
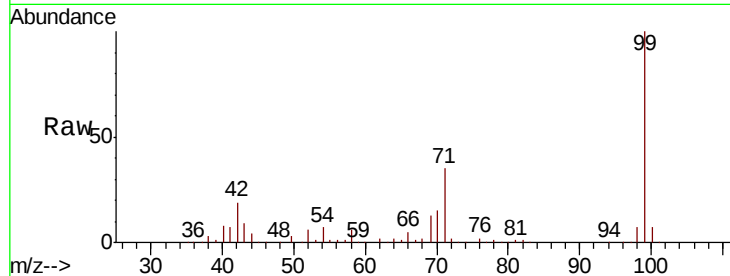
Tot Ion: 99 Resp: 437490

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

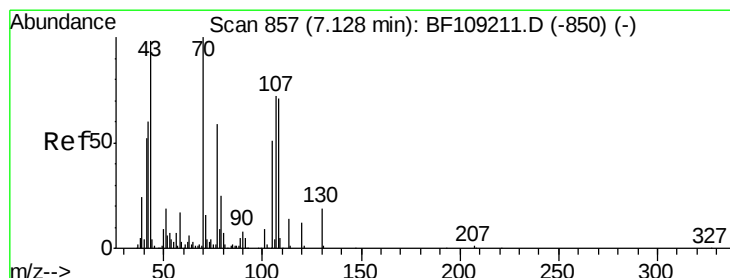
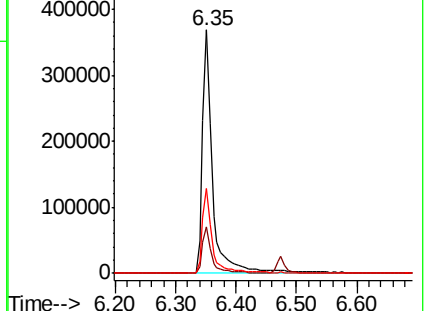
71 35.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.377 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109611.D

Acq: 5 Oct 2018 14:42

Tgt Ion: 70 Resp: 36447

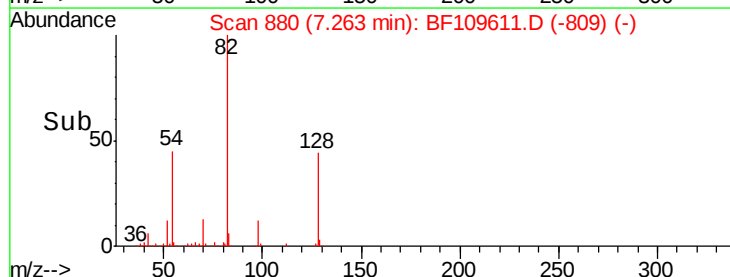
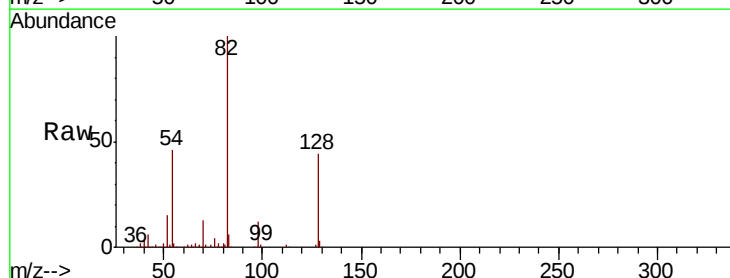
Ion Ratio Lower Upper

70 100

42 46.4 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

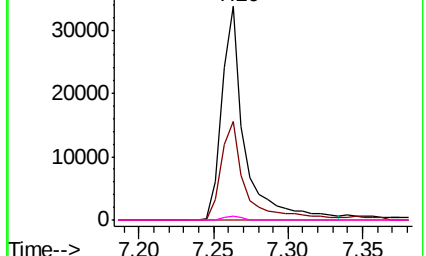


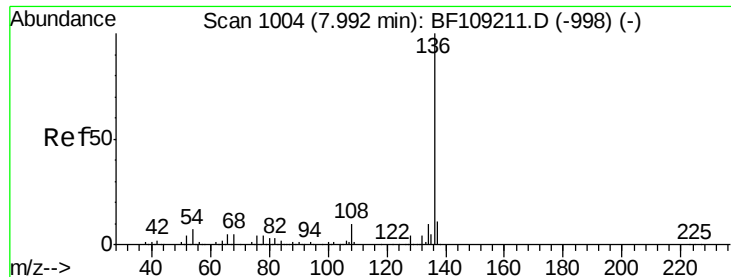
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

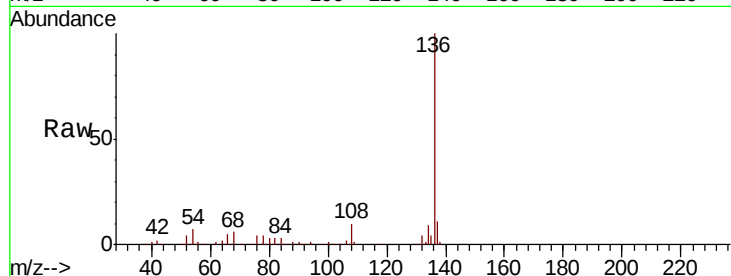




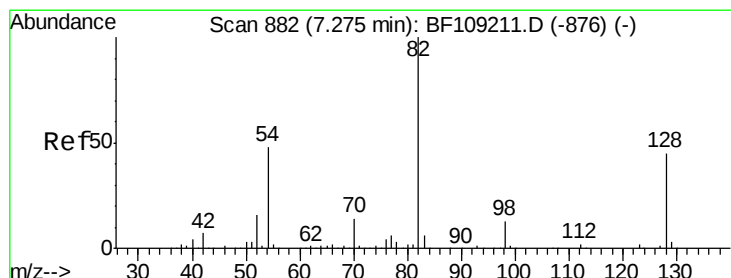
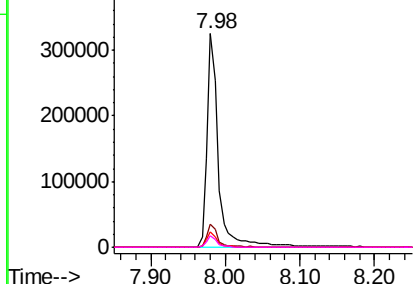
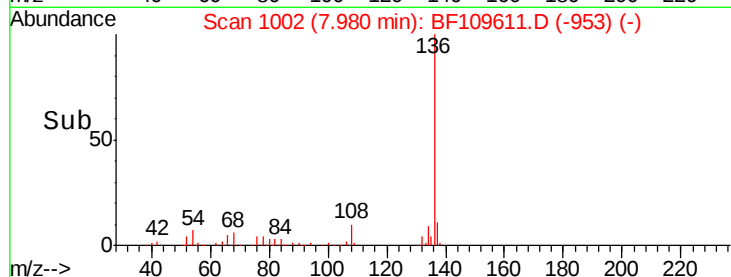
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109611.D
Acq: 5 Oct 2018 14:42

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02

Tot Ion:136	Resp:	351139
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	7.4	6.6 9.8
68	5.5	5.0 7.4

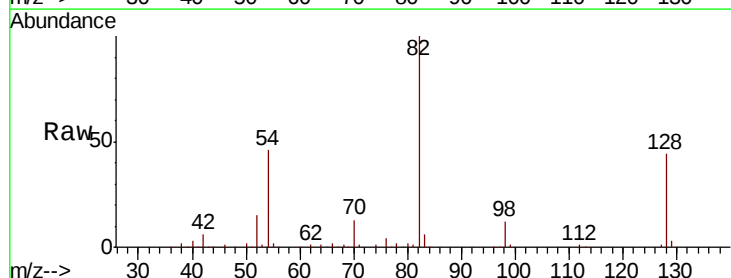


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

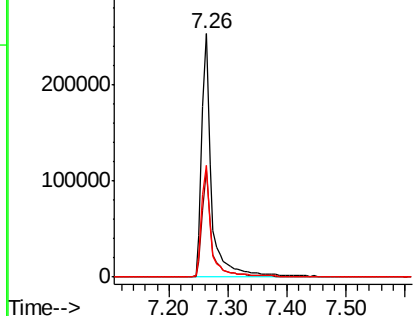
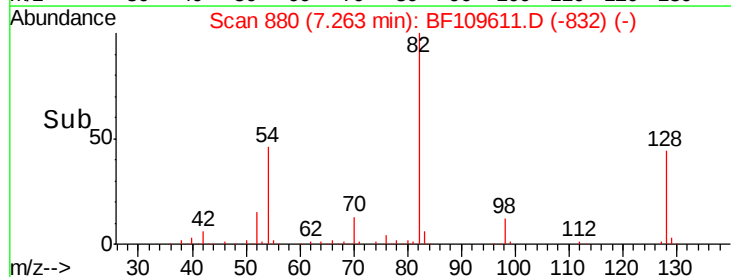


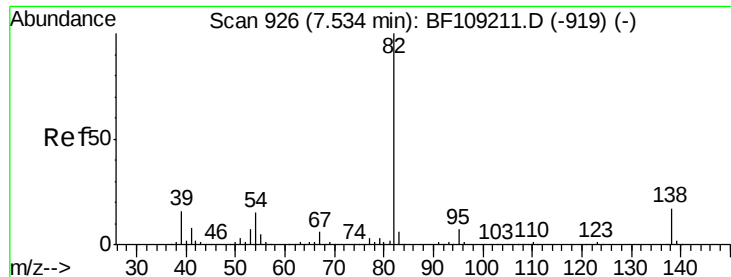
#23
Nitrobenzene-d5
Concen: 48.745 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109611.D
Acq: 5 Oct 2018 14:42

Tgt Ion: 82	Resp:	289952
Ion	Ratio	Lower Upper
82	100	
128	44.0	36.1 54.1
54	46.1	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

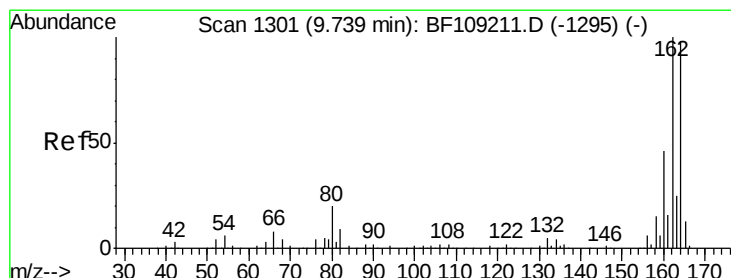
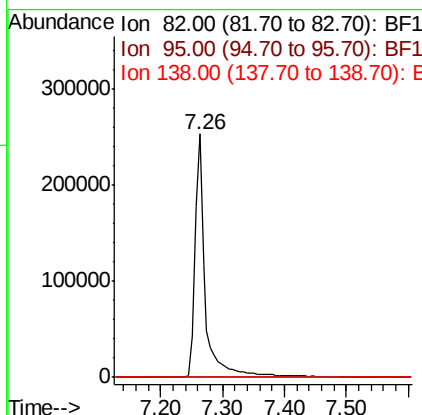
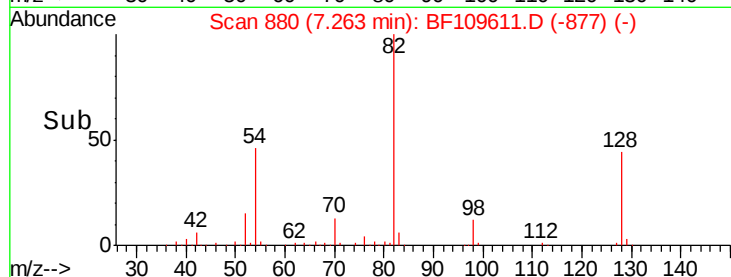
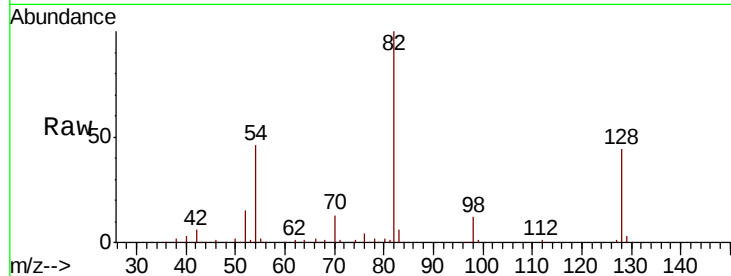




#25
Isophorone
Concen: 26.147 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109611.D
Acq: 5 Oct 2018 14:42

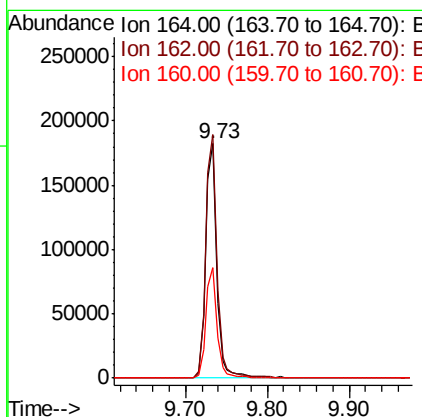
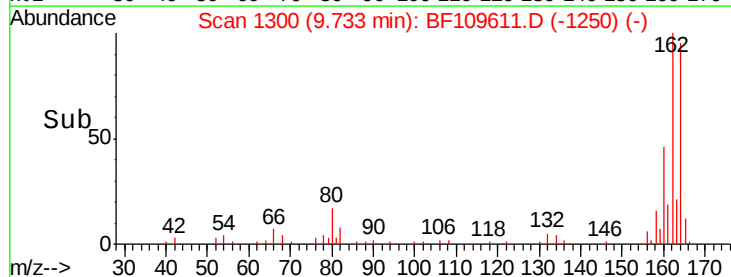
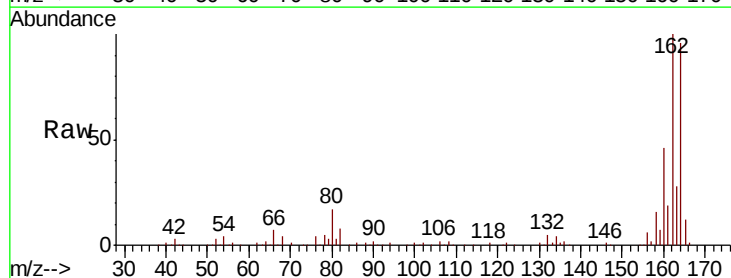
Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02

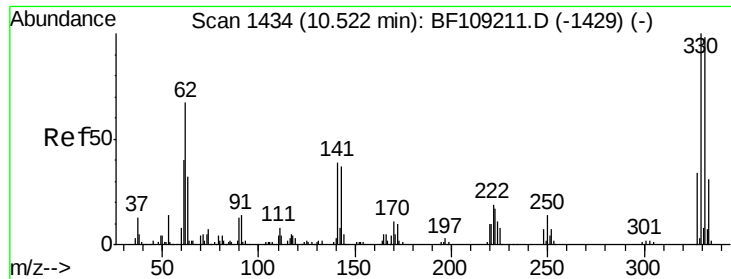
Tot Ion: 82 Resp: 280066
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109611.D
Acq: 5 Oct 2018 14:42

Tgt Ion:164 Resp: 173753
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 47.3 38.3 57.5

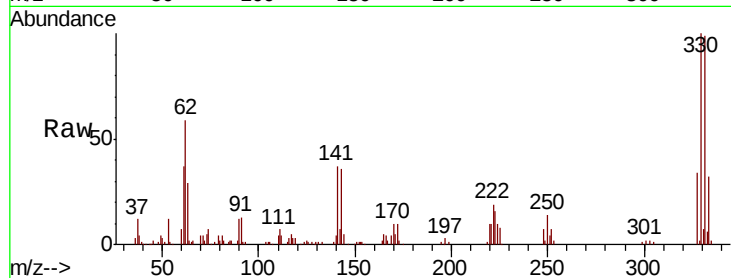




#41
 2,4,6-Tribromophenol
 Concen: 59.475 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109611.D
 Acq: 5 Oct 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02

Tot Ion	330	Resp	101871
Ion Ratio	100		
Lower		77.0	
Upper		115.6	
332	96.8		
141	33.2	29.9	44.9

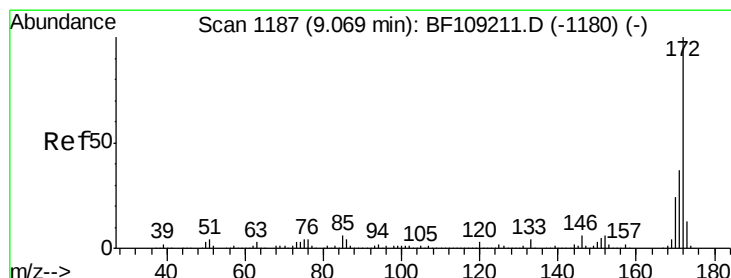
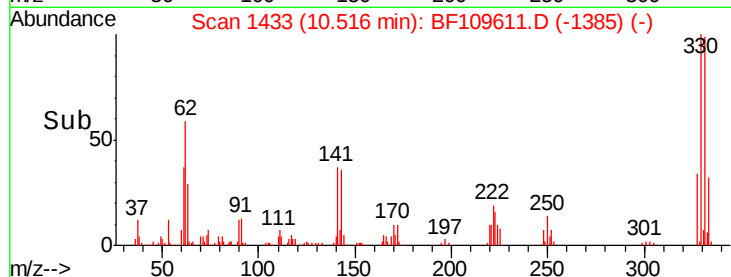
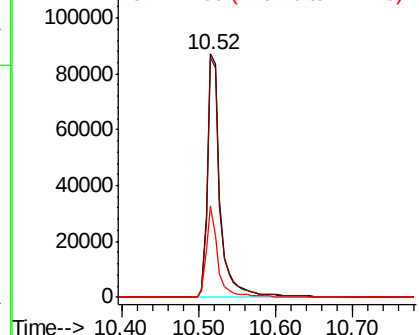


Abundance

Ion 329.80 (329.50 to 330.50): E

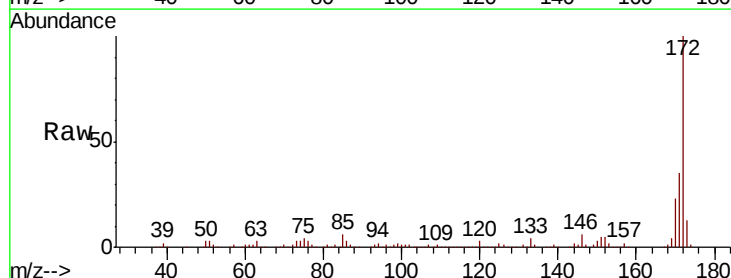
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 48.507 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109611.D
 Acq: 5 Oct 2018 14:42

Tgt Ion	172	Resp	558825
Ion Ratio	100		
Lower		29.7	
Upper		44.5	
171	35.1		
170	22.7	19.6	29.4

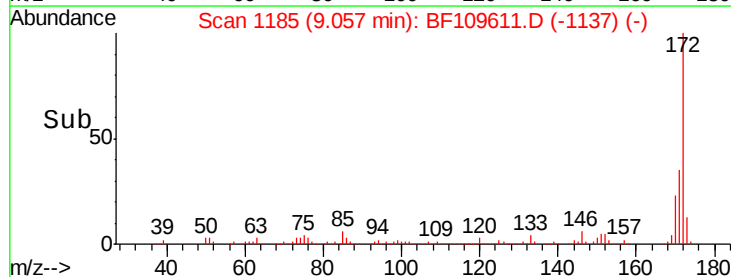
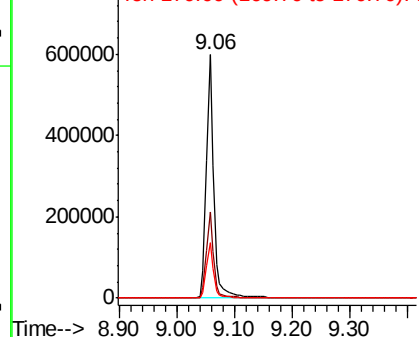


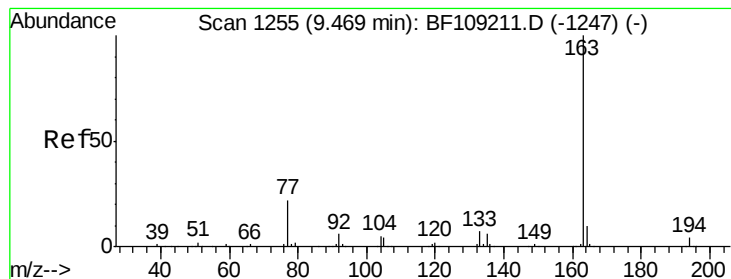
Abundance

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: 15.802 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.03 min

Lab File: BF109611.D

Acq: 5 Oct 2018 14:42

Instrument :

BNA_F

ClientSampleId :

SSSI-1001-S-DH-02

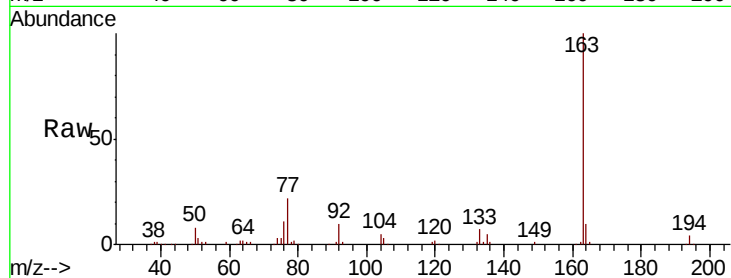
Tot Ion:163 Resp: 199699

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

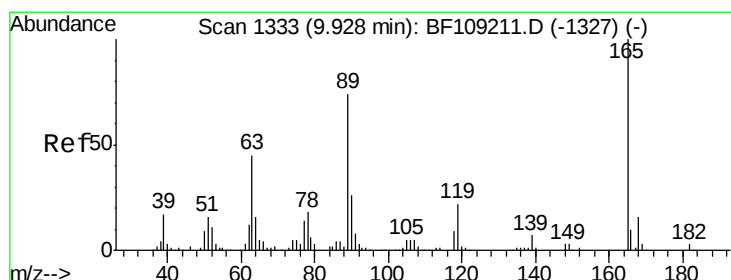
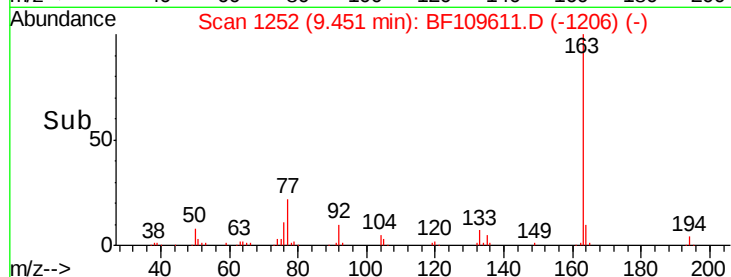
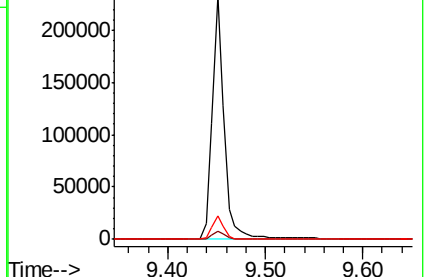
164 9.9 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.859 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.21 min

Lab File: BF109611.D

Acq: 5 Oct 2018 14:42

Tgt Ion:165 Resp: 21721

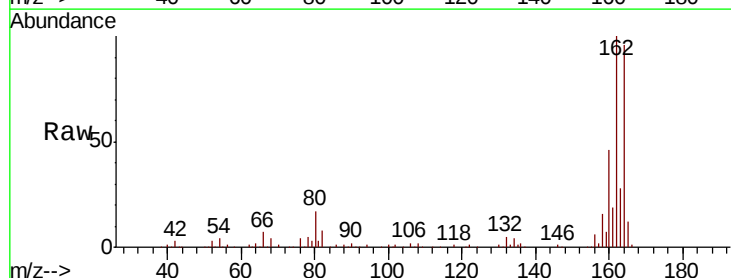
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 2.4 57.8 86.6#

182 0.0 1.6 2.4#

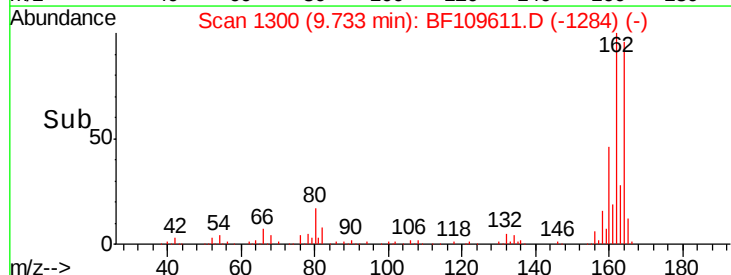
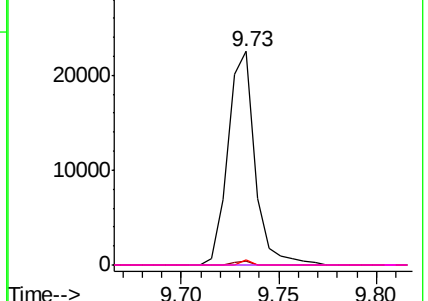


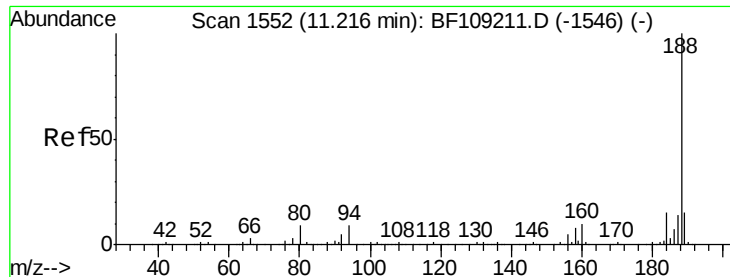
Abundance Ion 165.00 (164.70 to 165.70): E

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

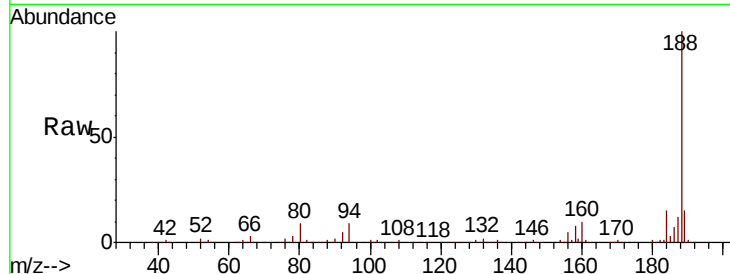




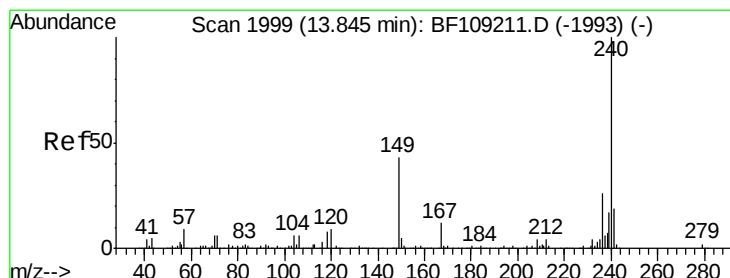
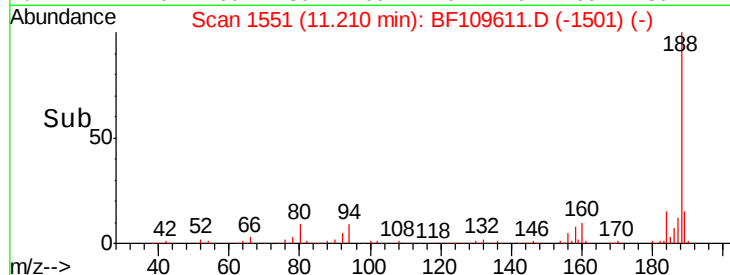
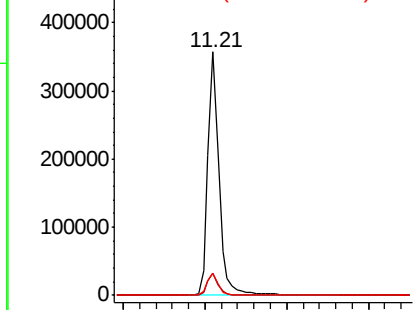
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109611.D
Acq: 5 Oct 2018 14:42

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02

Tot Ion:188 Resp: 341019
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.3 9.2 13.8

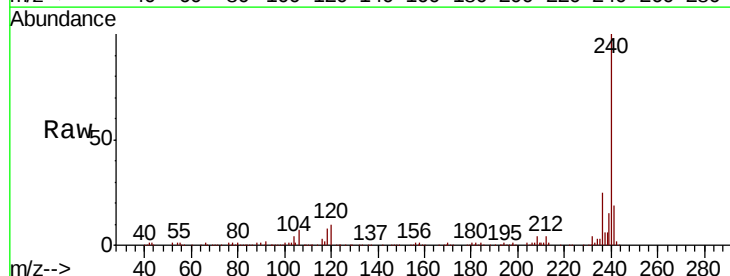


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

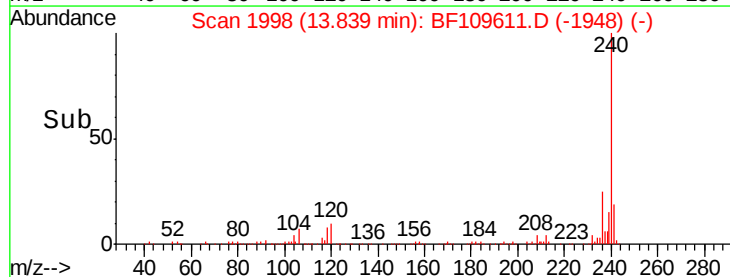
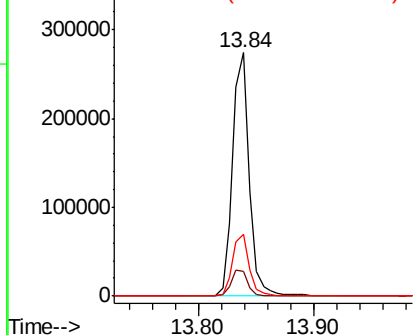


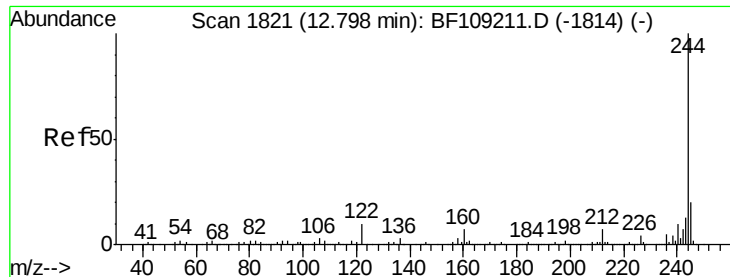
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109611.D
Acq: 5 Oct 2018 14:42

Tgt Ion:240 Resp: 274822
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 25.3 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: 47.918 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109611.D

Acq: 5 Oct 2018 14:42

Instrument :

BNA_F

ClientSampleId :

SSSI-1001-S-DH-02

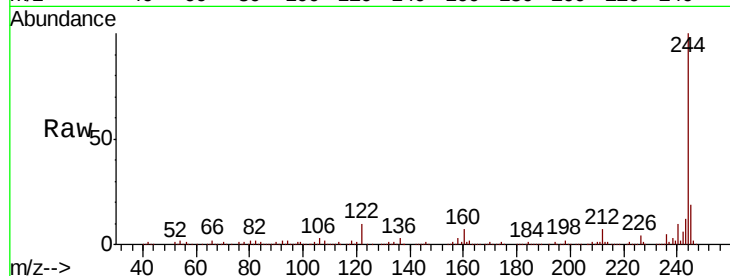
Tot Ion:244 Resp: 536596

Ion Ratio Lower Upper

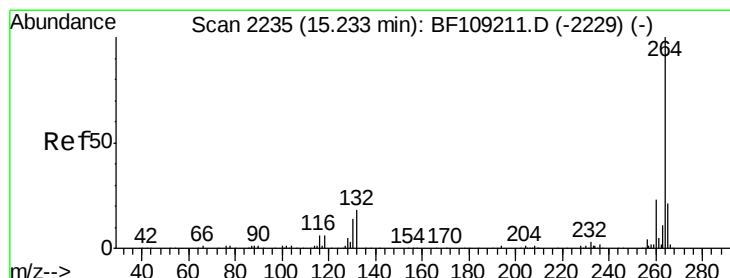
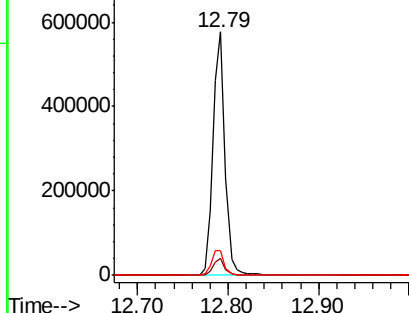
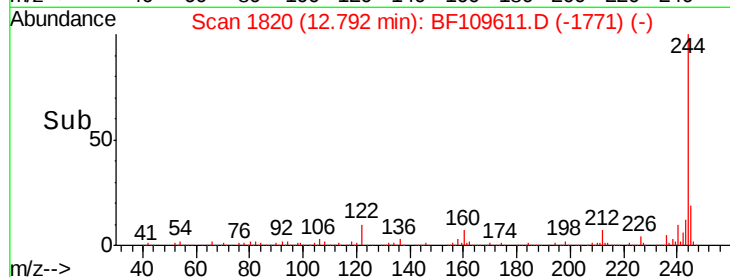
244 100

212 6.9 5.4 8.0

122 10.2 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: BF109611.D

Acq: 5 Oct 2018 14:42

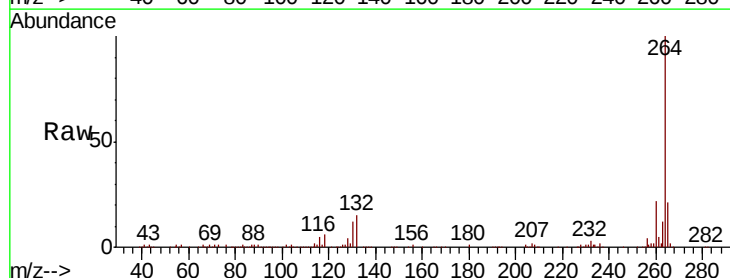
Tgt Ion:264 Resp: 245725

Ion Ratio Lower Upper

264 100

260 22.0 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

