

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109610.D
 Acq On : 5 Oct 2018 14:16
 Operator : JU/SJ
 Sample : J5223-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-01

Quant Time: Oct 05 15:10:58 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

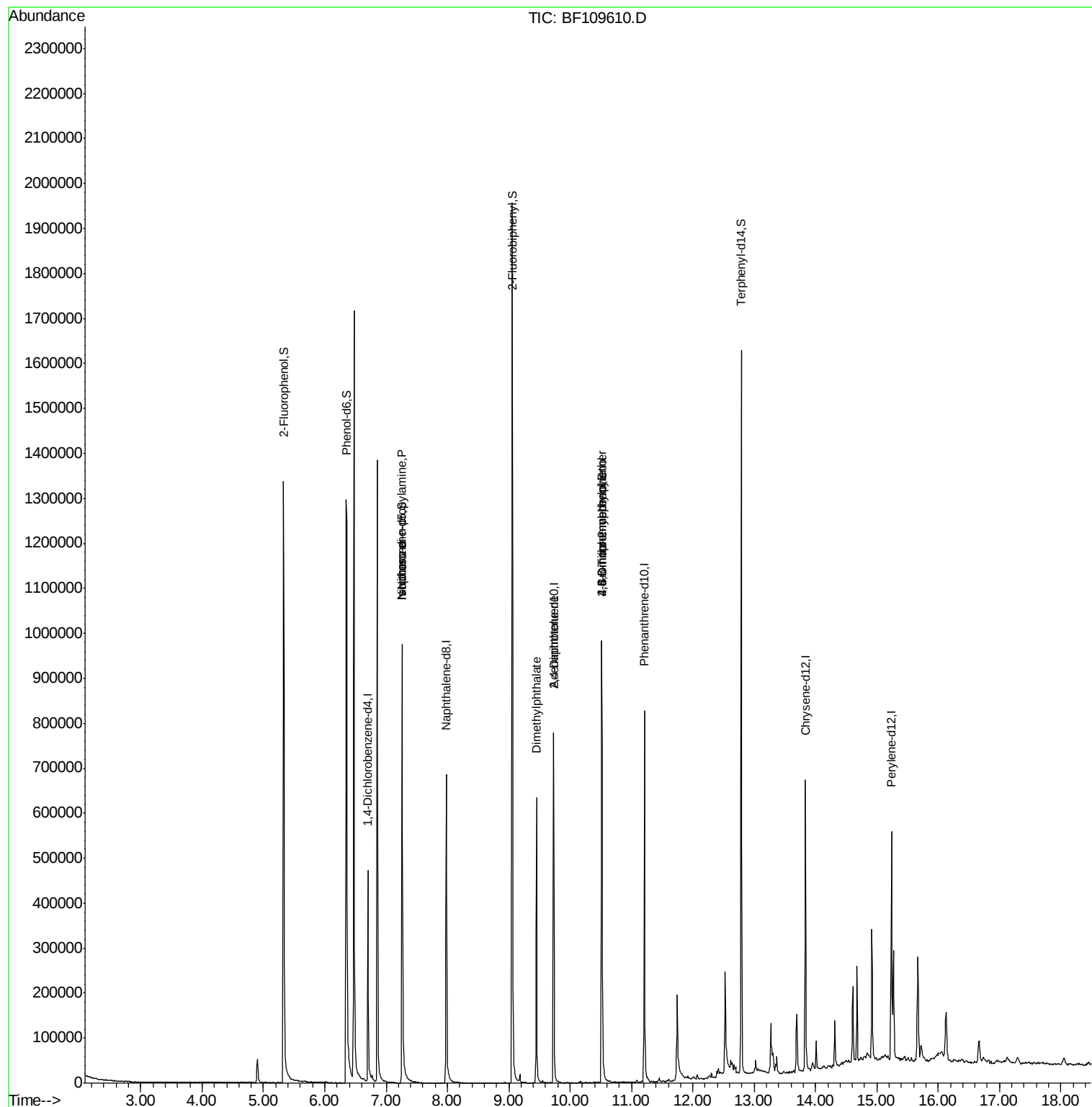
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	86668	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	349484	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	171483	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	320908	20.00	ng	0.00
75) Chrysene-d12	13.83	240	247989	20.00	ng	-0.01
86) Perylene-d12	15.24	264	240989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	430648	81.84	ng	0.01
7) Phenol-d6	6.35	99	581262	86.57	ng	0.00
23) Nitrobenzene-d5	7.26	82	383849	64.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	131094	77.55	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	647271	56.93	ng	-0.02
78) Terphenyl-d14	12.79	244	571266	56.53	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	51396	11.682	ng	# 76
25) Isophorone	7.26	82	371042	34.804	ng	# 64
49) Dimethylphthalate	9.45	163	250773	20.106	ng	# 98
56) 2,4-Dinitrotoluene	9.73	165	21315	6.820	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.52	198	128	6.606	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	7908	2.219	ng	# 1

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

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Misc :
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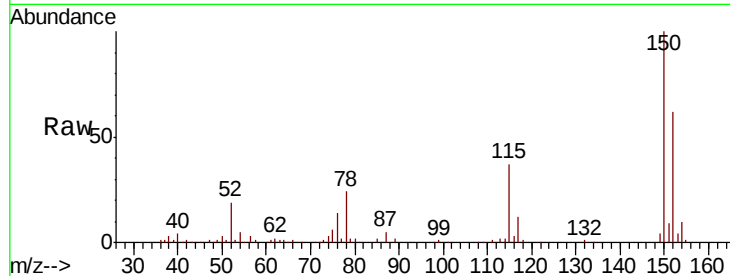


#1

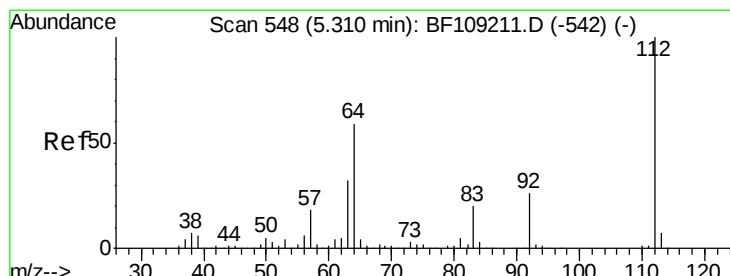
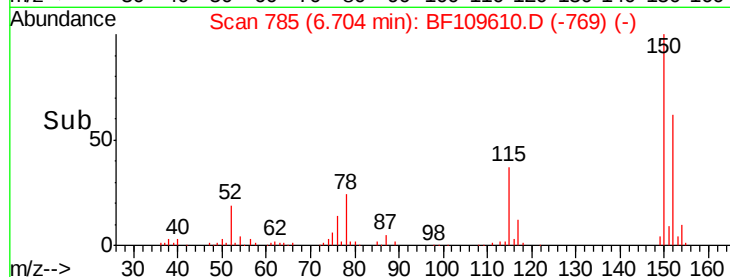
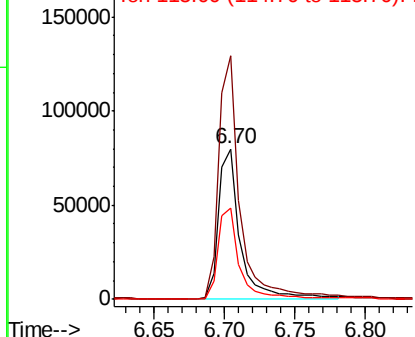
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-01

Tot Ion:152 Resp: 86668
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 60.6 50.1 75.1



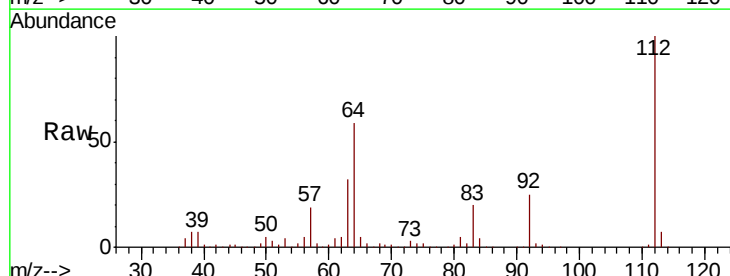
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



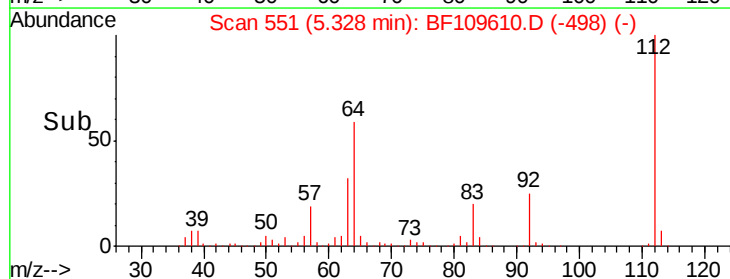
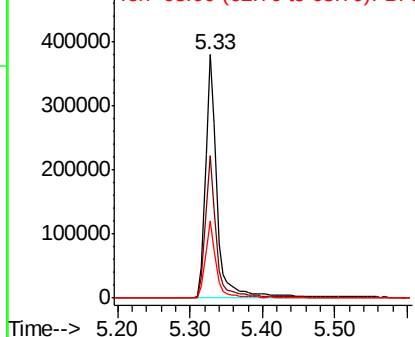
#5

2-Fluorophenol
Concen: 81.842 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Tgt Ion:112 Resp: 430648
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 31.9 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: 86.569 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109610.D

Acq: 5 Oct 2018 14:16

Instrument :

BNA_F

ClientSampleId :

SSSI-1001-S-DH-01

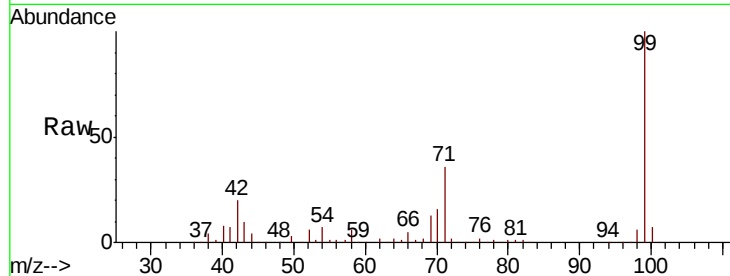
Tot Ion: 99 Resp: 581262

Ion Ratio Lower Upper

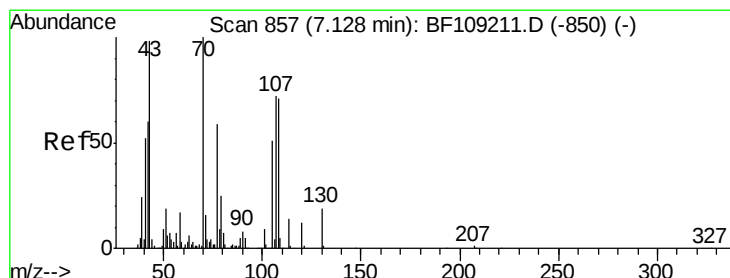
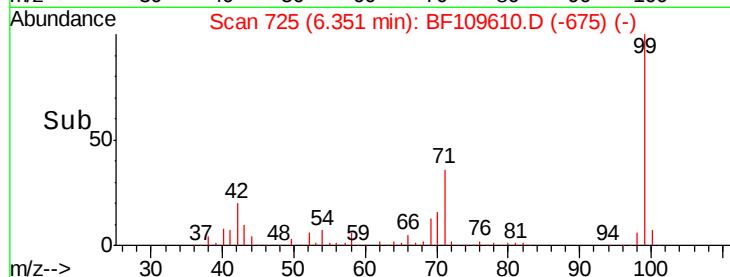
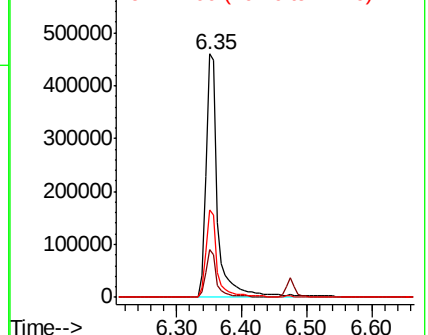
99 100

42 19.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.682 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109610.D

Acq: 5 Oct 2018 14:16

Tgt Ion: 70 Resp: 51396

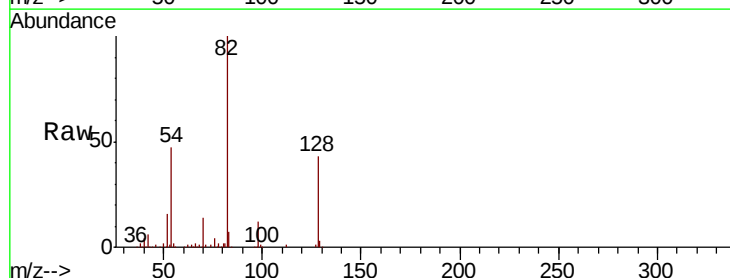
Ion Ratio Lower Upper

70 100

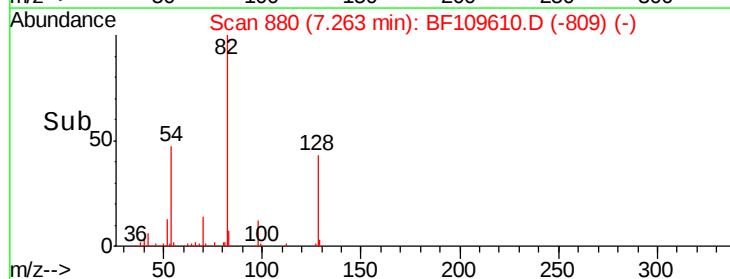
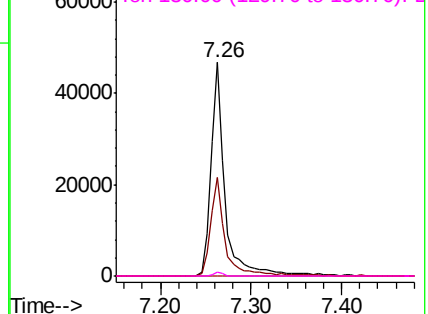
42 46.1 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 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: BF109610.D

Acq: 5 Oct 2018 14:16

Instrument :

BNA_F

ClientSampleId :

SSSI-1001-S-DH-01

Tot Ion:136 Resp: 349484

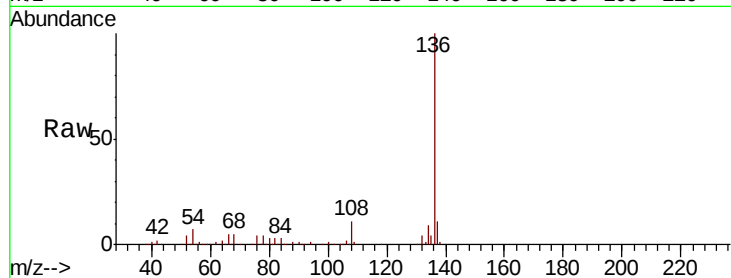
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.1 6.6 9.8

68 5.3 5.0 7.4

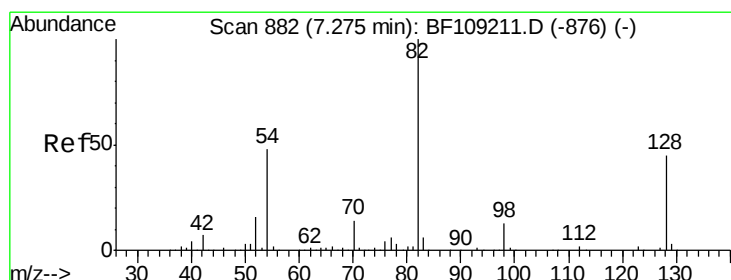
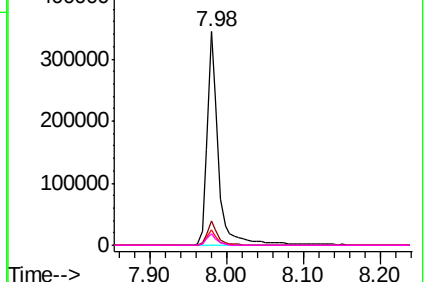
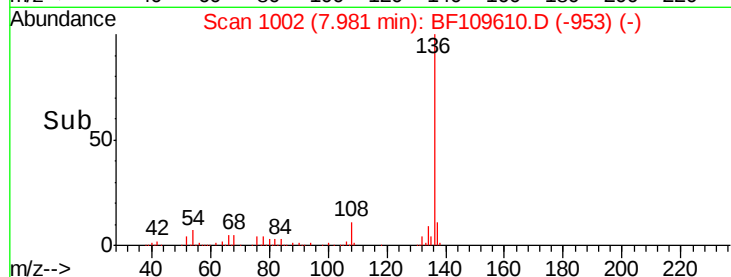


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.836 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109610.D

Acq: 5 Oct 2018 14:16

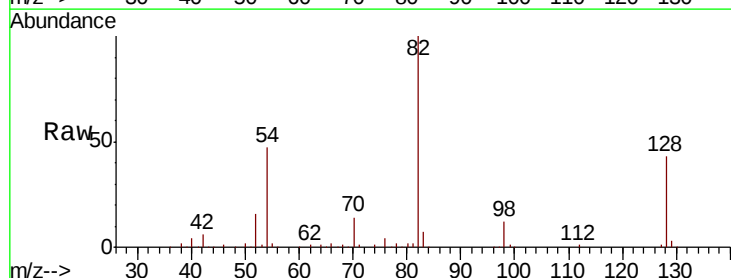
Tgt Ion: 82 Resp: 383849

Ion Ratio Lower Upper

82 100

128 43.2 36.1 54.1

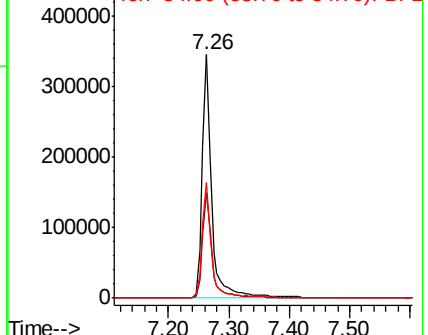
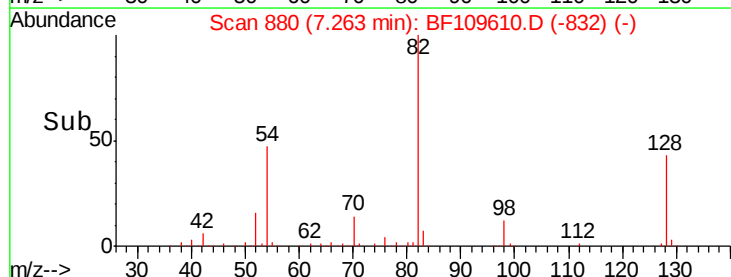
54 47.3 41.4 62.2

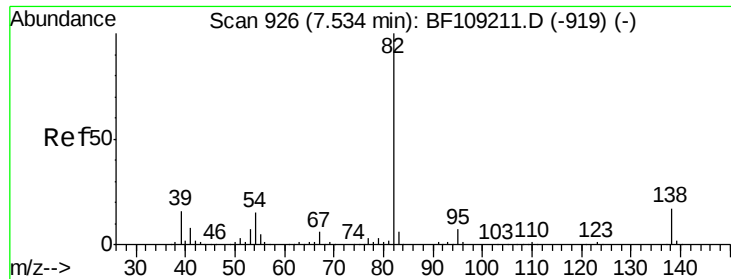


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.804 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109610.D

Acq: 5 Oct 2018 14:16

Instrument :

BNA_F

ClientSampleId :

SSSI-1001-S-DH-01

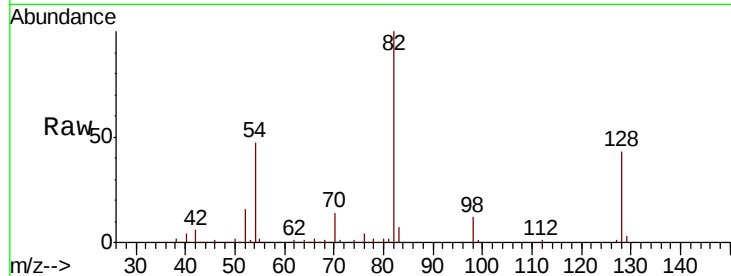
Tot Ion: 82 Resp: 371042

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

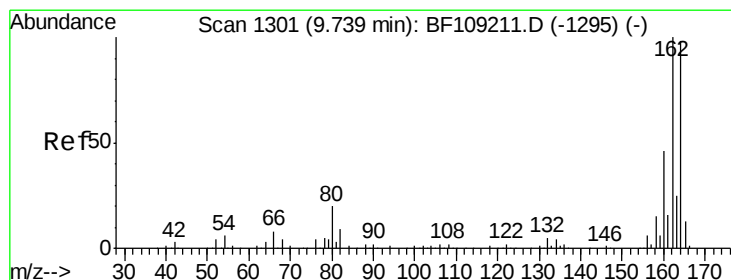
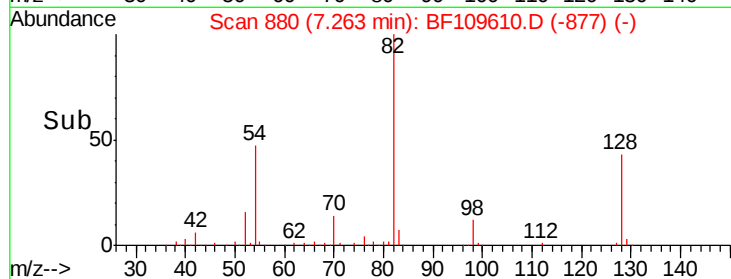
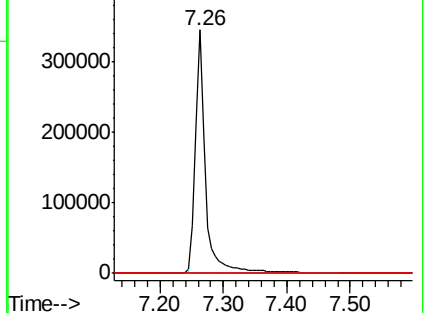
138 0.0 14.9 22.3#



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: BF109610.D

Acq: 5 Oct 2018 14:16

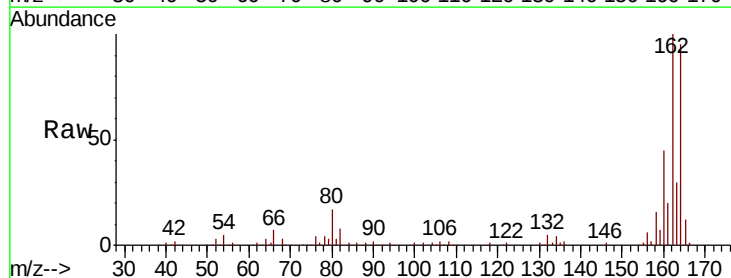
Tgt Ion: 164 Resp: 171483

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

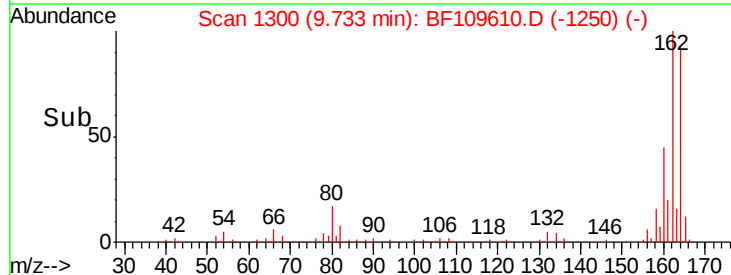
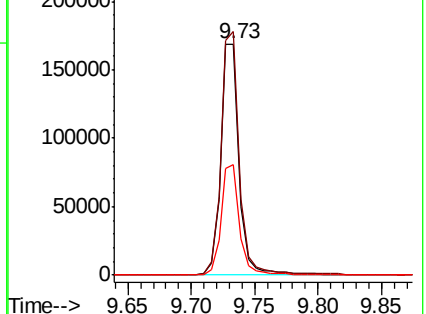
160 47.8 38.3 57.5

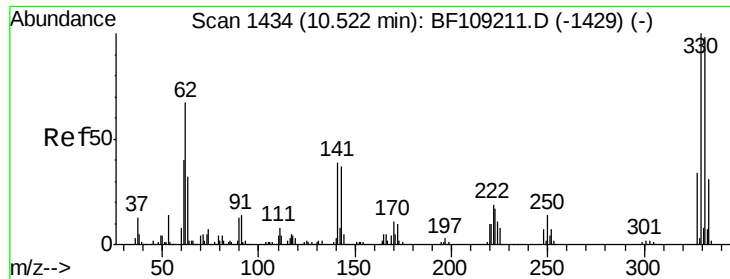


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

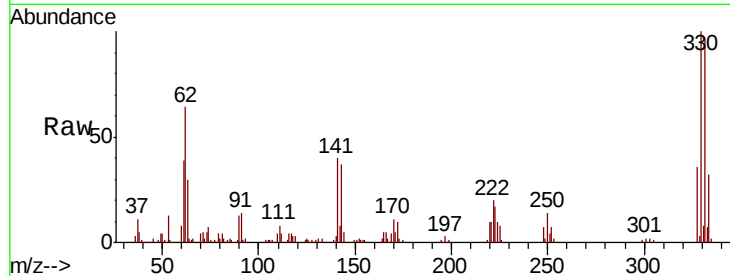




#41
 2,4,6-Tribromophenol
 Concen: 77.549 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109610.D
 Acq: 5 Oct 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	34.2	29.9	44.9

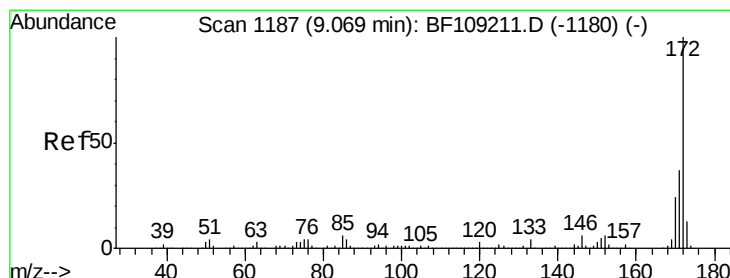
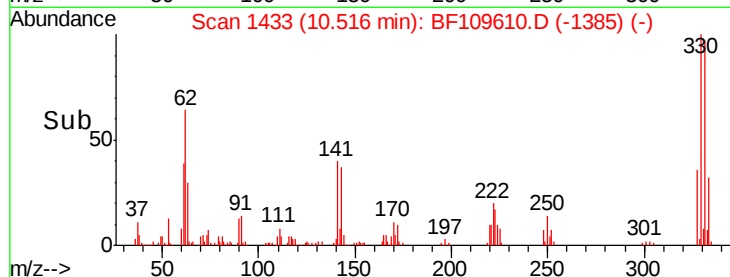
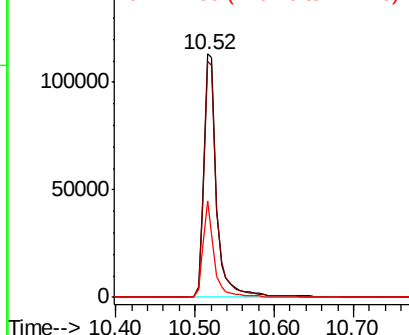


Abundance

Ion 329.80 (329.50 to 330.50): E

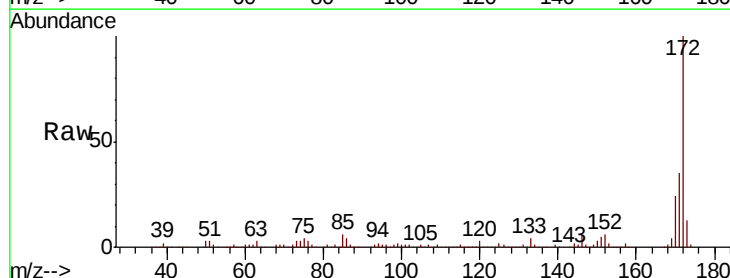
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 56.927 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109610.D
 Acq: 5 Oct 2018 14:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.8	19.6	29.4

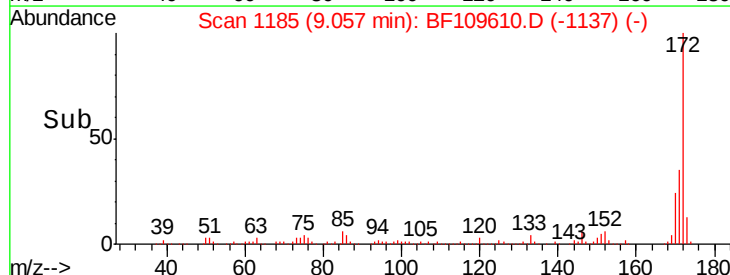
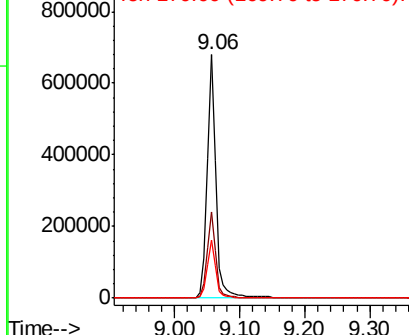


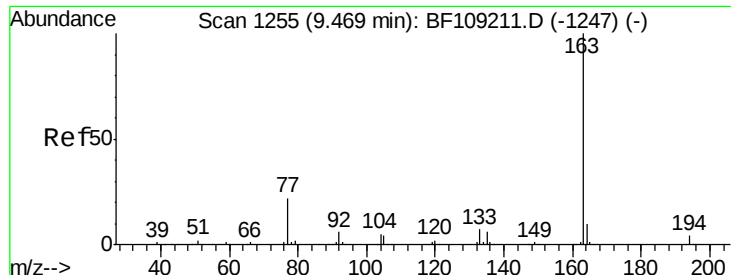
Abundance

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

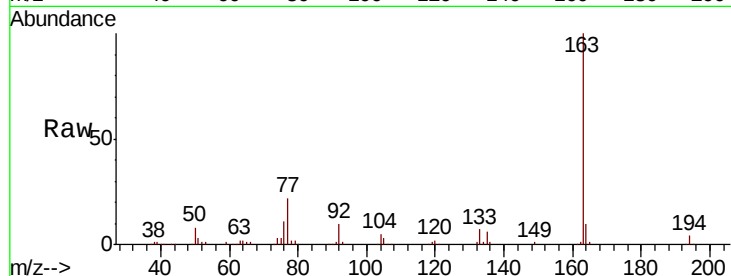




#49
Dimethylphthalate
Concen: 20.106 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-01

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.6	8.2	12.2

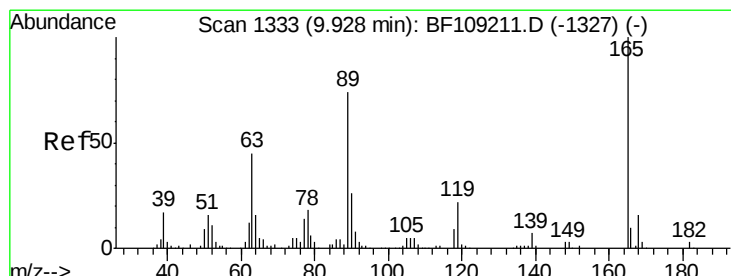
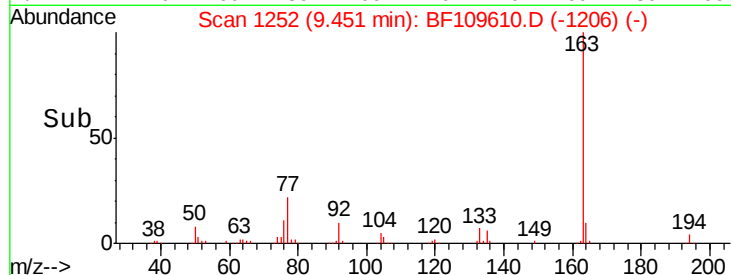
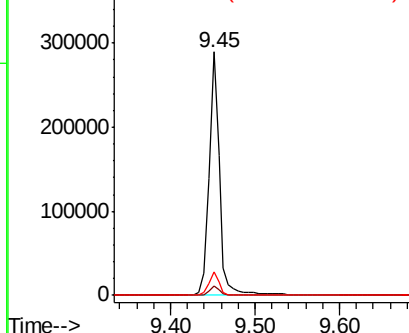


Abundance

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: 6.820 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

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

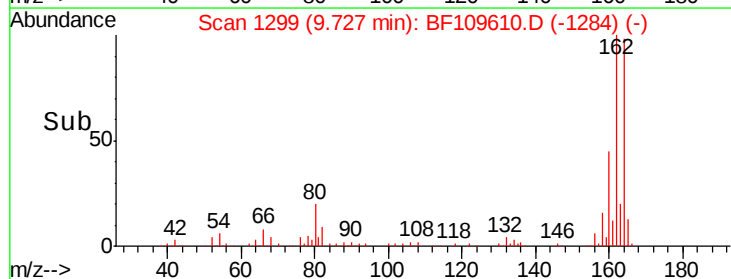
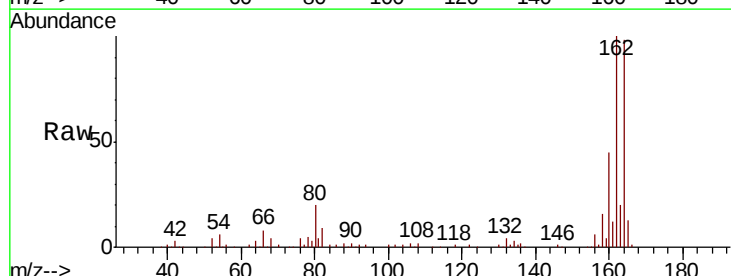
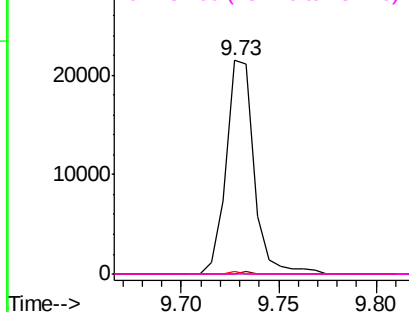
Abundance

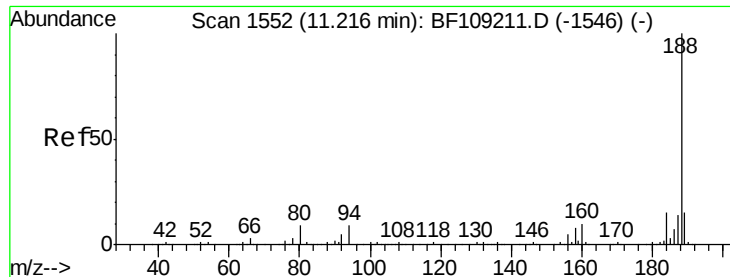
Ion 165.00 (164.70 to 165.70): E

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

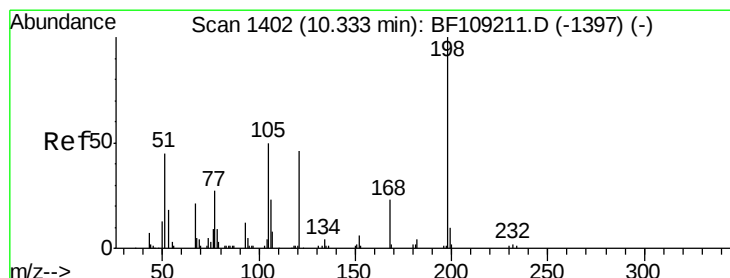
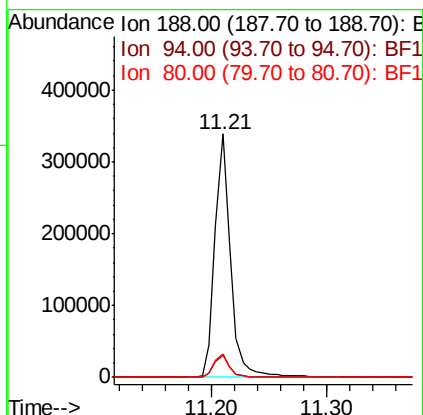
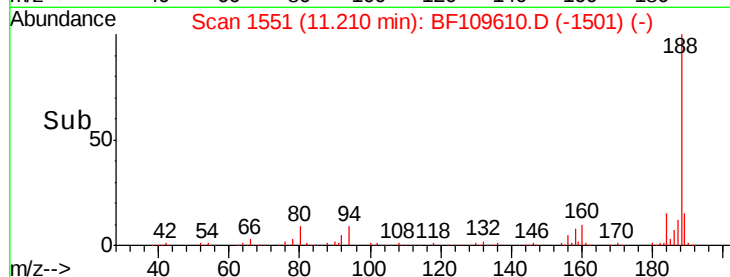
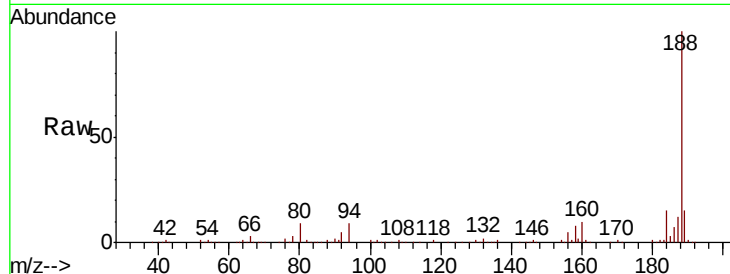




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

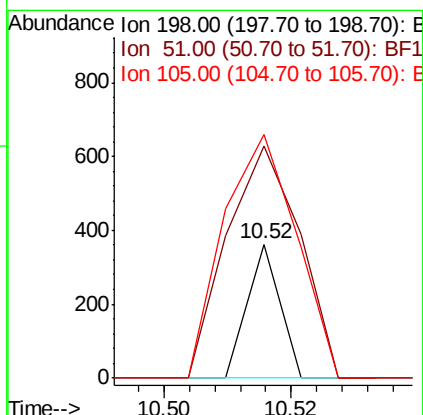
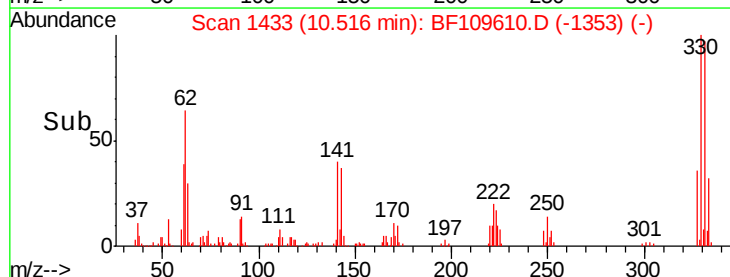
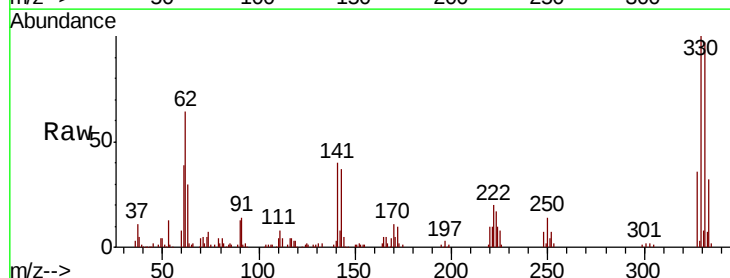
Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-01

Tot Ion:188 Resp: 320908
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.606 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Tgt Ion:198 Resp: 128
Ion Ratio Lower Upper
198 100
51 173.6 37.7 77.7#
105 181.5 36.3 76.3#

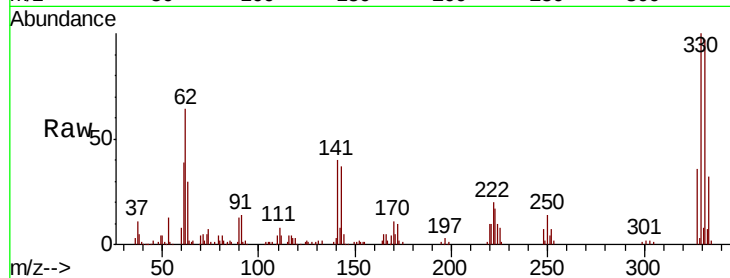




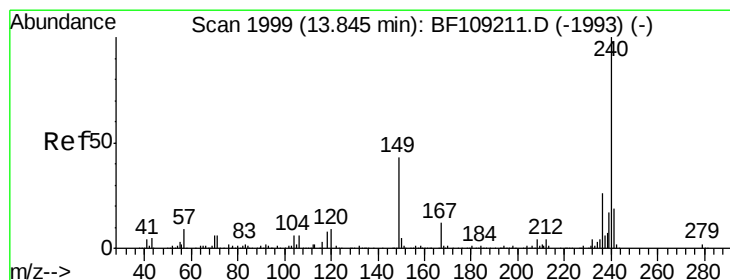
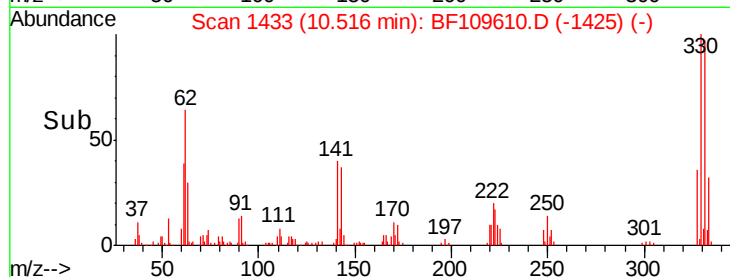
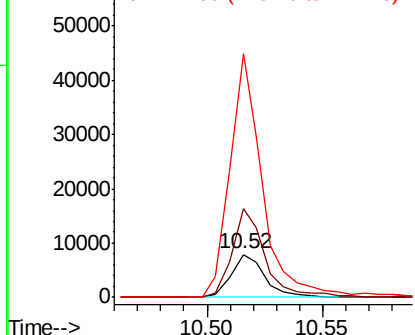
#66
4-Bromophenyl-phenylether
Concen: 2.219 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-01

Tot Ion:248 Resp: 7908
Ion Ratio Lower Upper
248 100
250 206.7 76.9 115.3#
141 569.1 74.4 111.6#

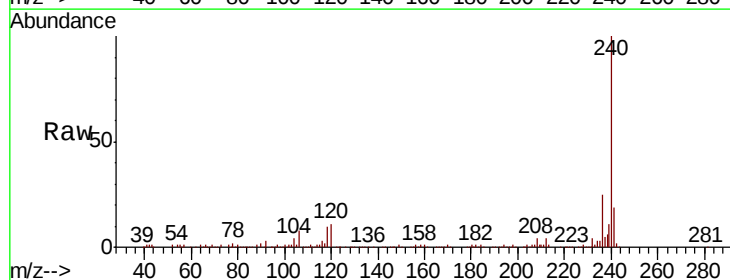


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

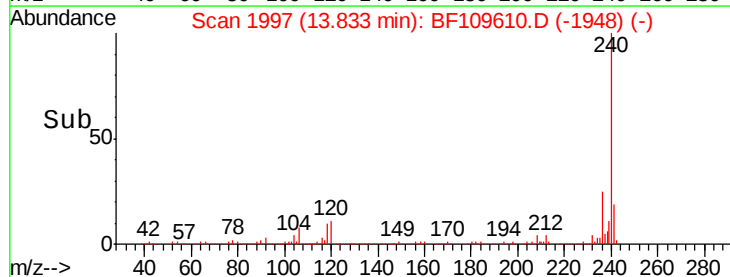
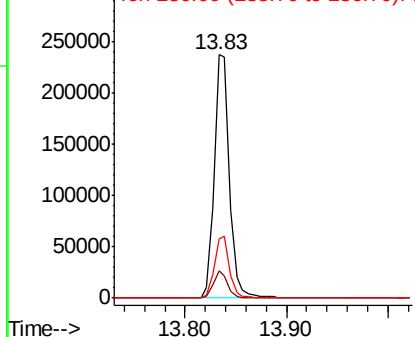


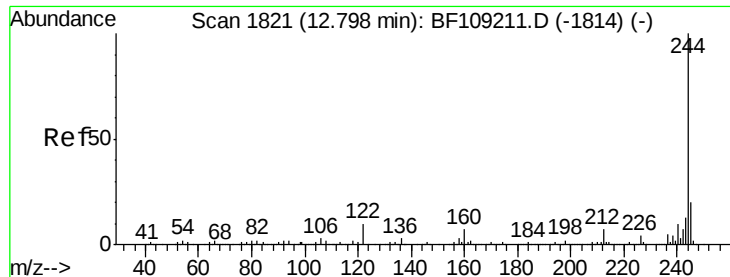
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Tgt Ion:240 Resp: 247989
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 24.6 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: 56.534 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109610.D

Acq: 5 Oct 2018 14:16

Instrument :

BNA_F

ClientSampleId :

SSSI-1001-S-DH-01

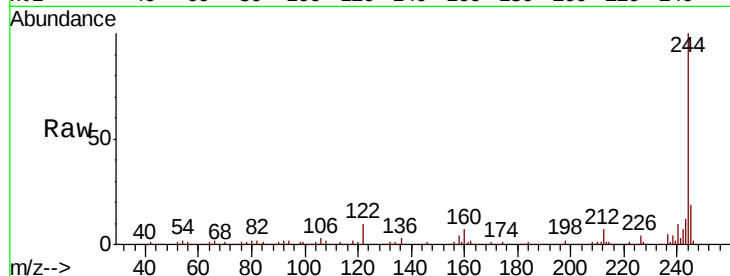
Tot Ion:244 Resp: 571266

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

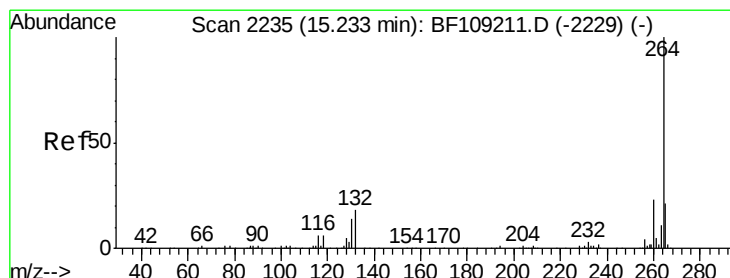
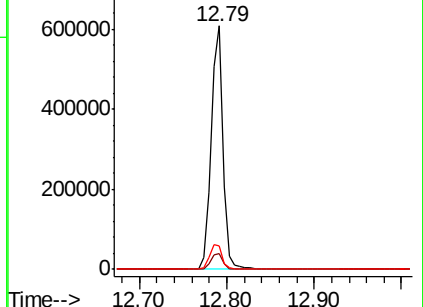
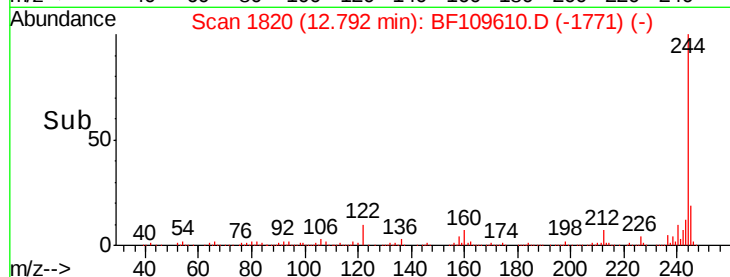
122 9.5 11.0 16.4#



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: BF109610.D

Acq: 5 Oct 2018 14:16

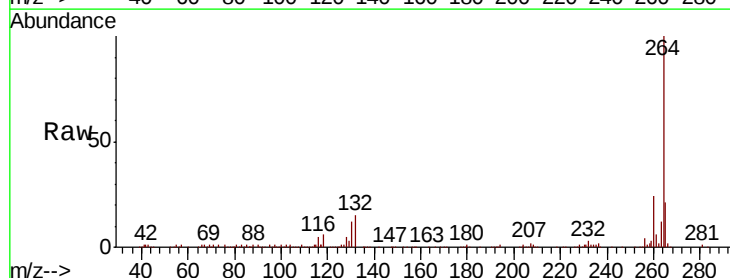
Tgt Ion:264 Resp: 240989

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 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

