

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
 Data File : BF109310.D
 Acq On : 26 Sep 2018 2:32
 Operator : JU/SJ
 Sample : J5055-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAND-HOLE

Quant Time: Sep 26 08:25:57 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

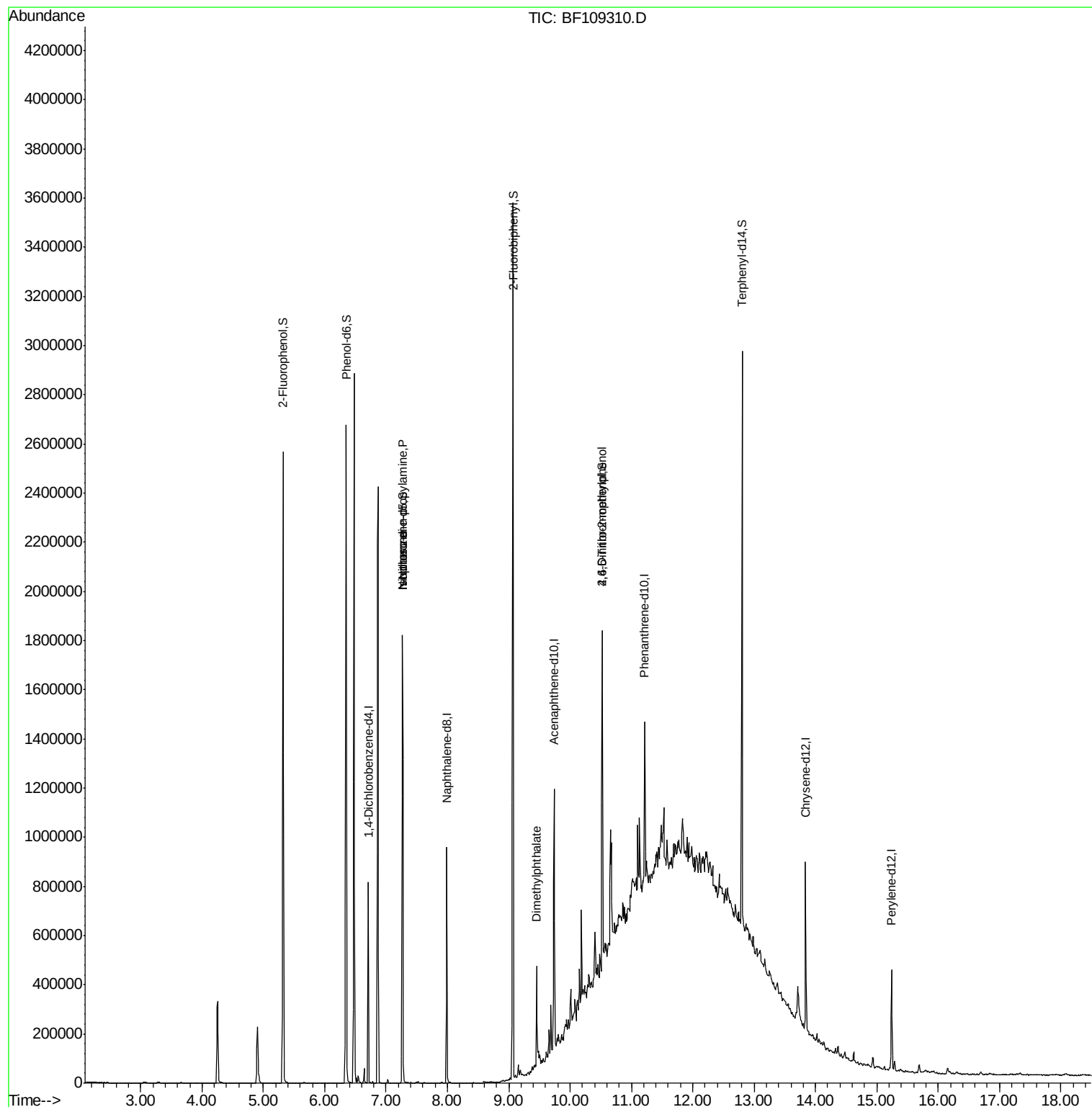
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	116581	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	427798	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	176595	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	266442	20.00	ng	0.00
75) Chrysene-d12	13.85	240	250312	20.00	ng	0.00
86) Perylene-d12	15.24	264	184822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	749406	105.88	ng	0.00
7) Phenol-d6	6.35	99	978068	108.29	ng	0.00
23) Nitrobenzene-d5	7.27	82	626350	86.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	169348	97.28	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1076914	91.97	ng	0.00
78) Terphenyl-d14	12.80	244	839034	82.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	83317	14.078	ng	# 79
25) Isophorone	7.27	82	608386	46.620	ng	# 64
49) Dimethylphthalate	9.46	163	126618	9.858	ng	# 99
64) 4,6-Dinitro-2-methylphenol	10.53	198	457	6.890	ng	# 1

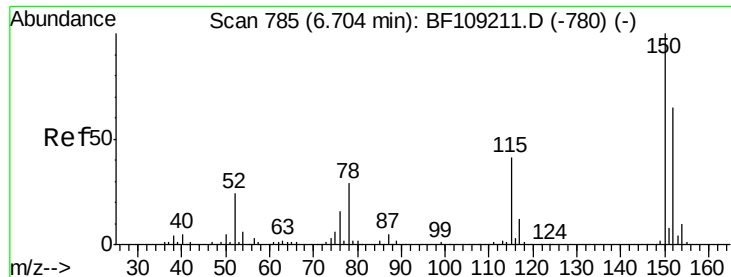
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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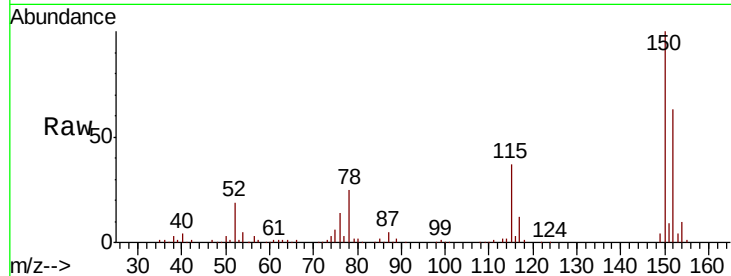


#1

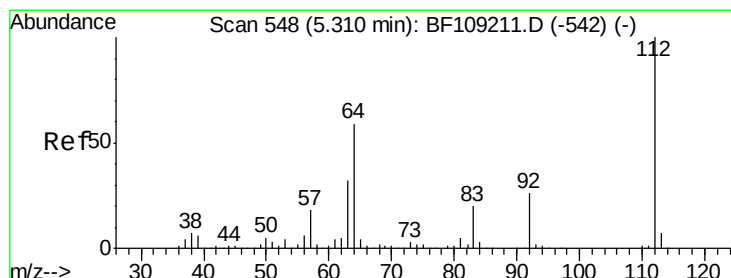
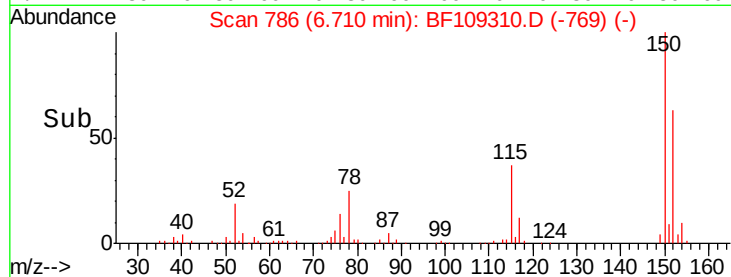
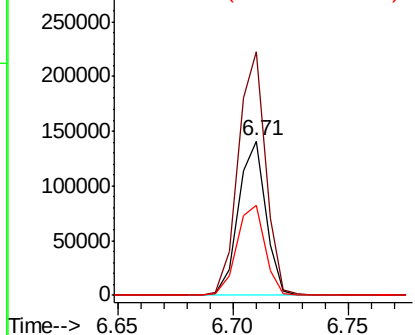
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109310.D
Acq: 26 Sep 2018 2:32

Instrument :
BNA_F
ClientSampleId :
HAND-HOLE

Tgt Ion:152 Resp: 116581
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 58.7 50.1 75.1



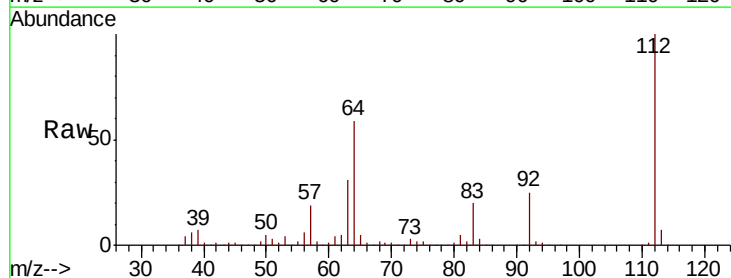
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



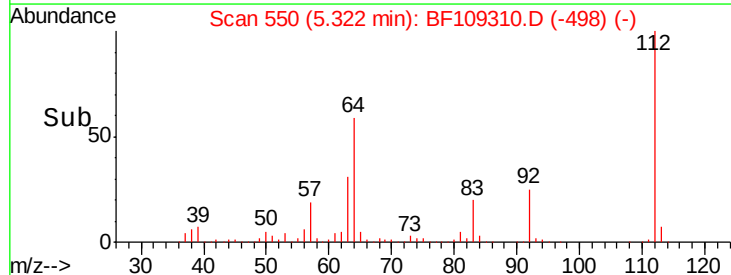
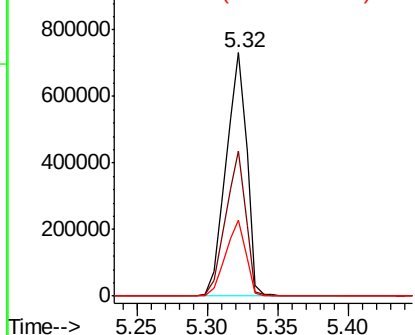
#5

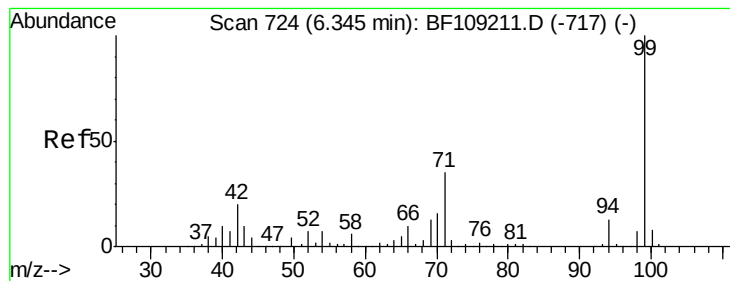
2-Fluorophenol
Concen: 105.877 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109310.D
Acq: 26 Sep 2018 2:32

Tgt Ion:112 Resp: 749406
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 31.3 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: 108.291 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109310.D

Acq: 26 Sep 2018 2:32

Instrument :

BNA_F

ClientSampleId :

HAND-HOLE

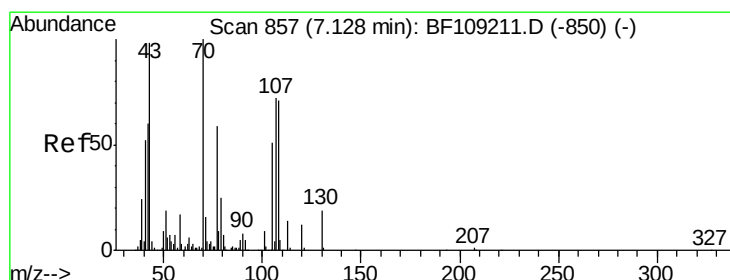
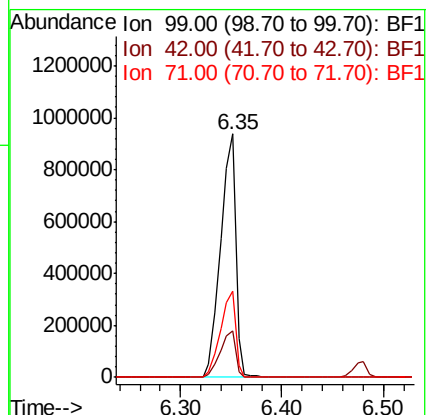
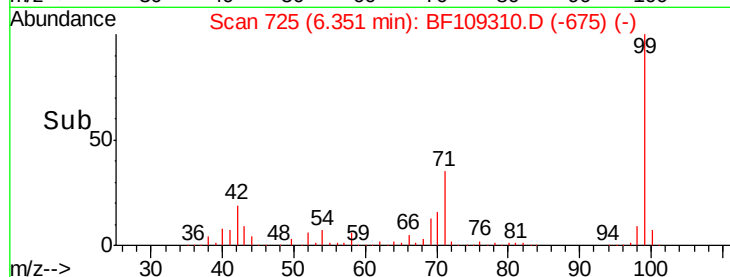
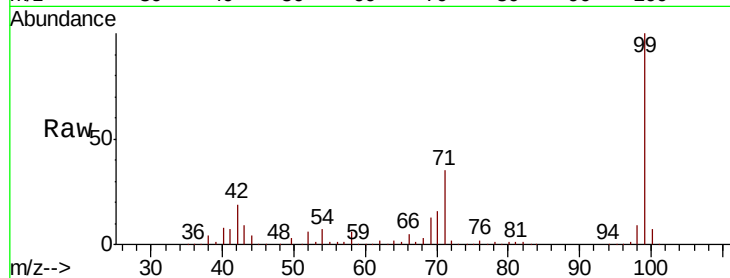
Tgt Ion: 99 Resp: 978068

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 35.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.078 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109310.D

Acq: 26 Sep 2018 2:32

Tgt Ion: 70 Resp: 83317

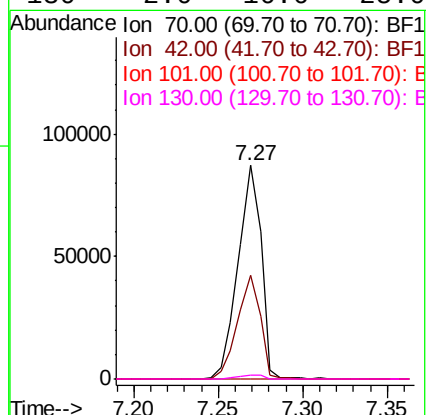
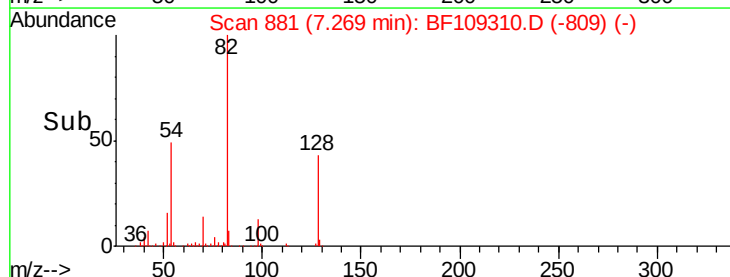
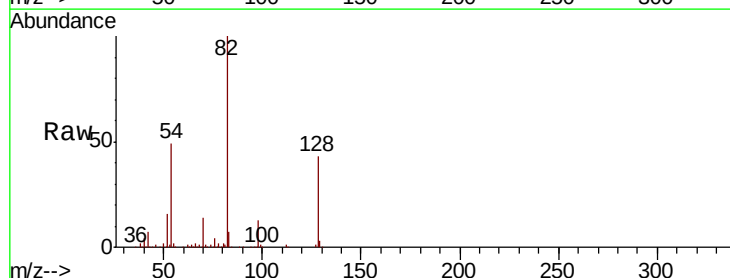
Ion Ratio Lower Upper

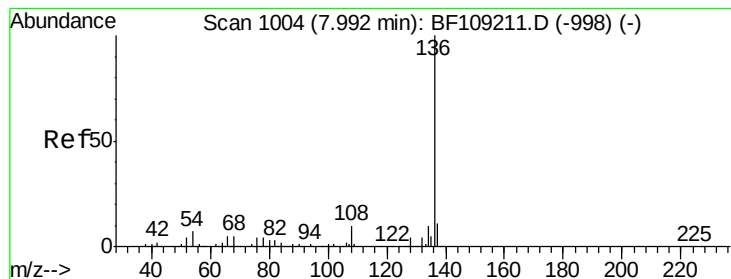
70 100

42 48.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 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: BF109310.D

Acq: 26 Sep 2018 2:32

Instrument :

BNA_F

ClientSampleId :

HAND-HOLE

Tgt Ion:136 Resp: 427798

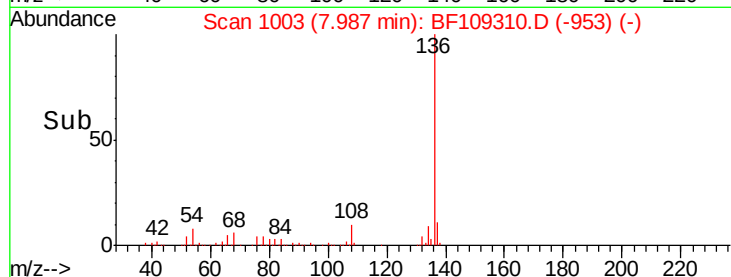
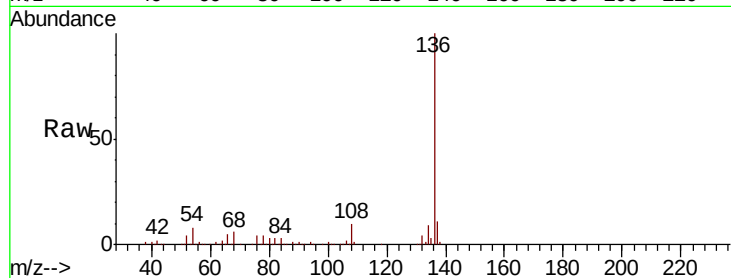
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.6 9.8

68 6.1 5.0 7.4

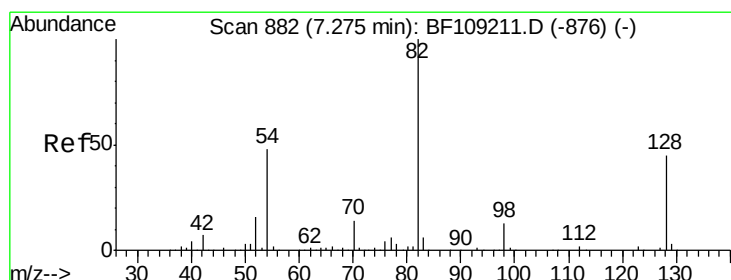
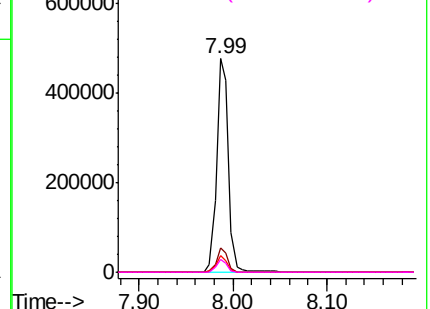


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.430 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109310.D

Acq: 26 Sep 2018 2:32

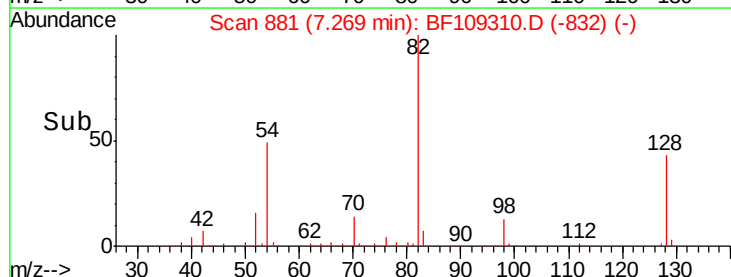
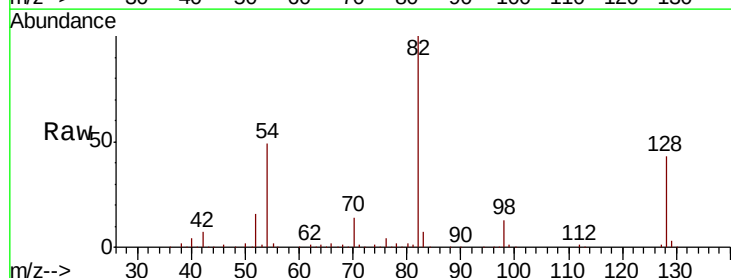
Tgt Ion: 82 Resp: 626350

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

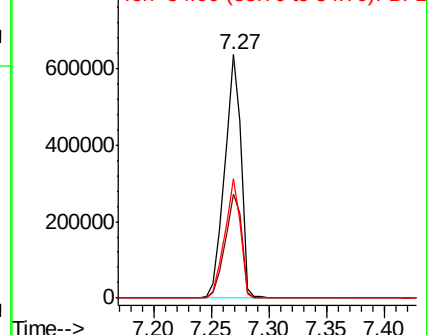
54 49.1 41.4 62.2

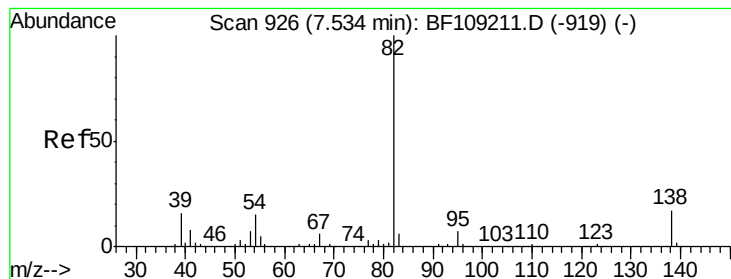


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.620 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109310.D

Acq: 26 Sep 2018 2:32

Instrument :

BNA_F

ClientSampleId :

HAND-HOLE

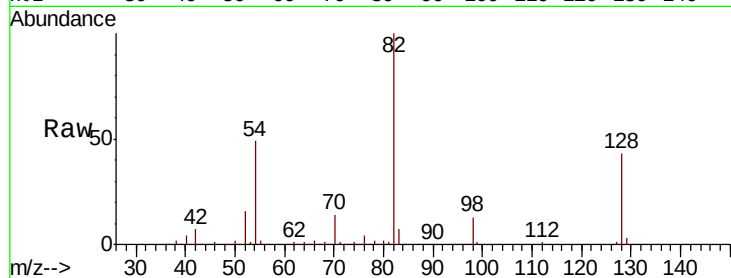
Tgt Ion: 82 Resp: 608386

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

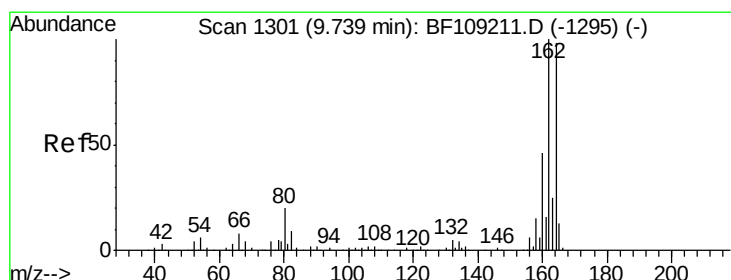
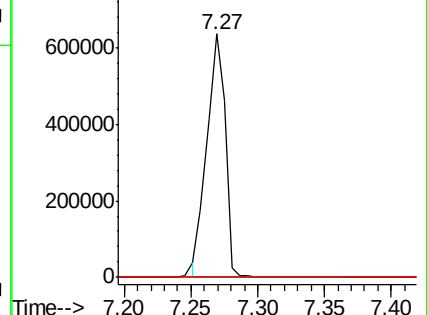
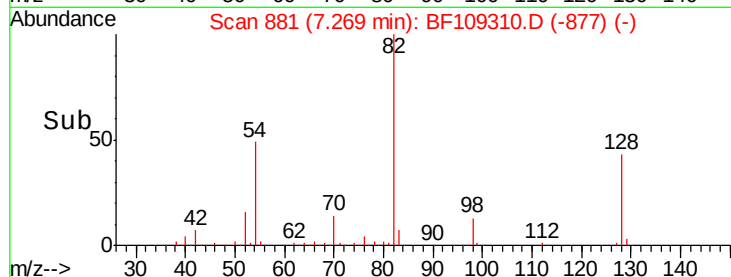
138 0.0 14.9 22.3#



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: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109310.D

Acq: 26 Sep 2018 2:32

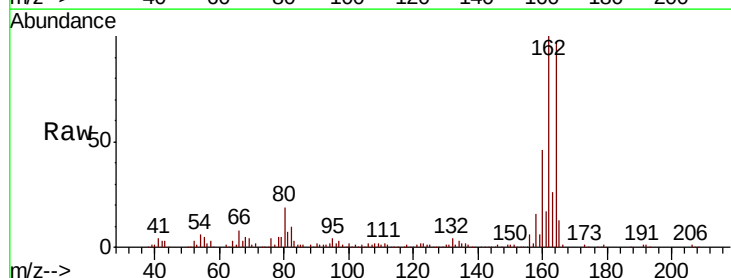
Tgt Ion: 164 Resp: 176595

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

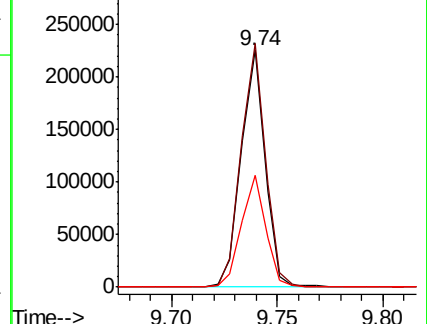
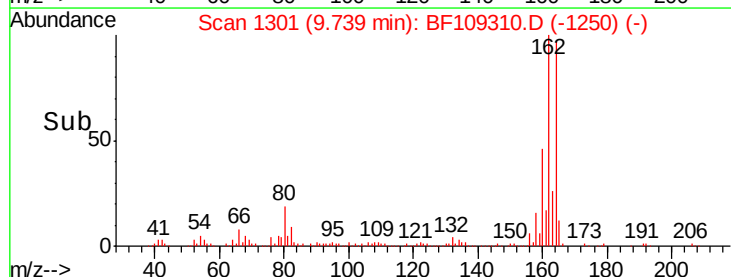
160 47.1 38.3 57.5

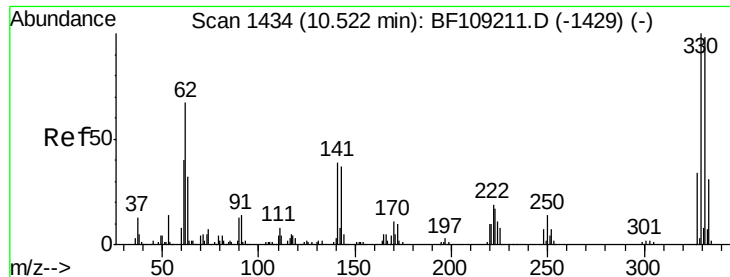


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

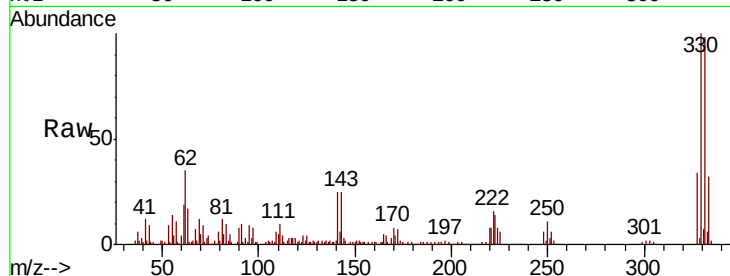




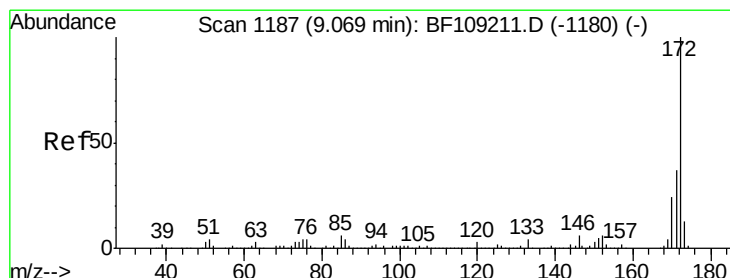
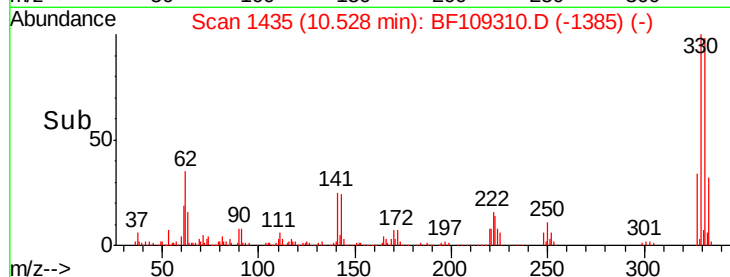
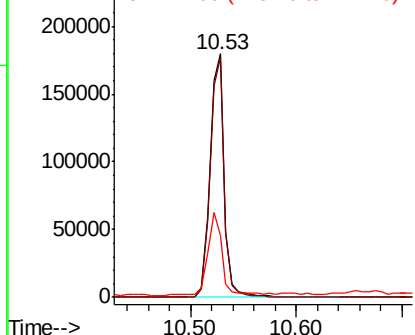
#41
 2,4,6-Tribromophenol
 Concen: 97.278 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109310.D
 Acq: 26 Sep 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 HAND-HOLE

Tgt Ion:330 Resp: 169348
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 33.7 29.9 44.9

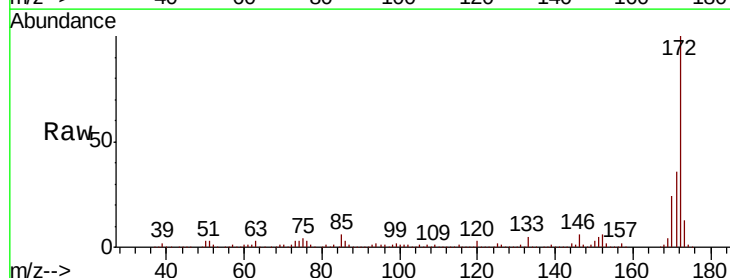


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

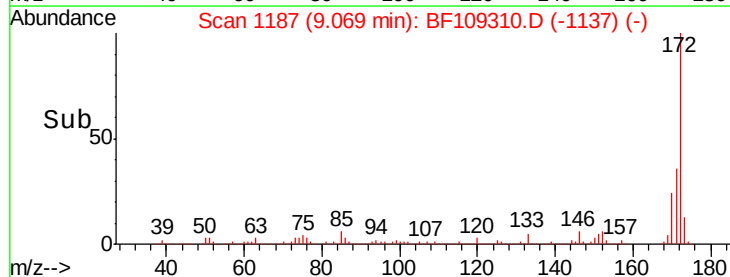
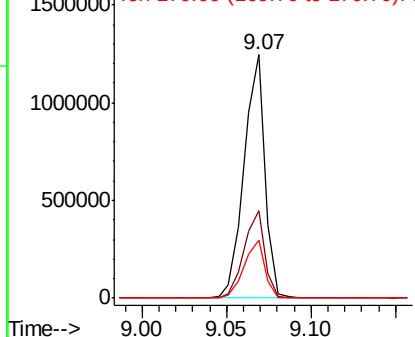


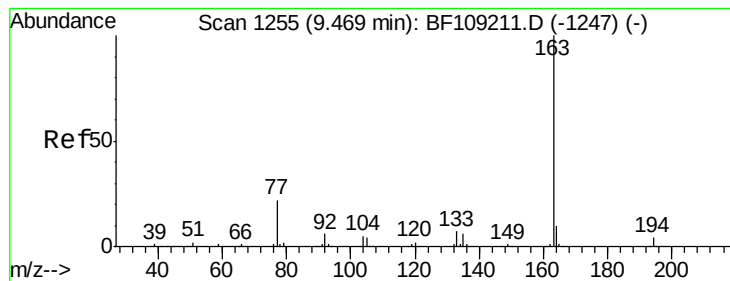
#44
 2-Fluorobiphenyl
 Concen: 91.973 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109310.D
 Acq: 26 Sep 2018 2:32

Tgt Ion:172 Resp: 1076914
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.0 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: 9.858 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109310.D

Acq: 26 Sep 2018 2:32

Instrument :

BNA_F

ClientSampleId :

HAND-HOLE

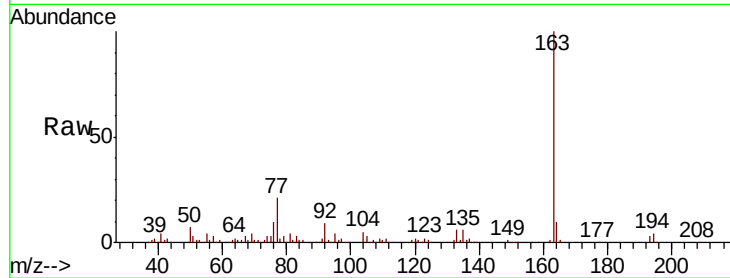
Tgt Ion:163 Resp: 126618

Ion Ratio Lower Upper

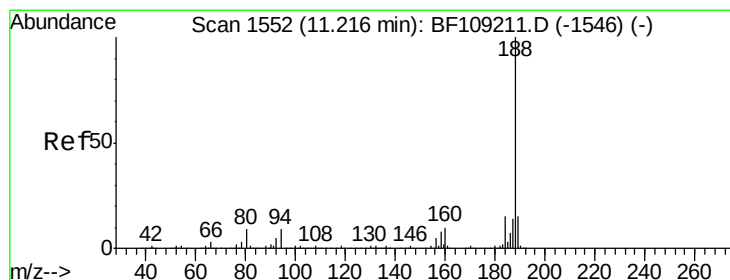
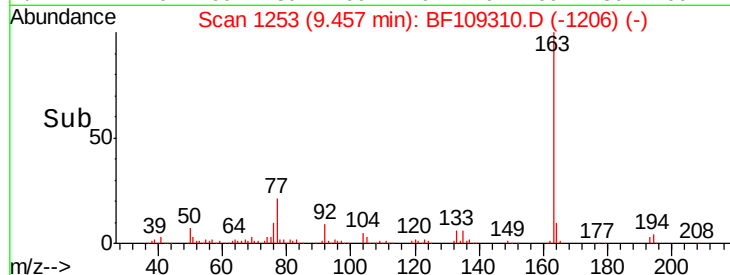
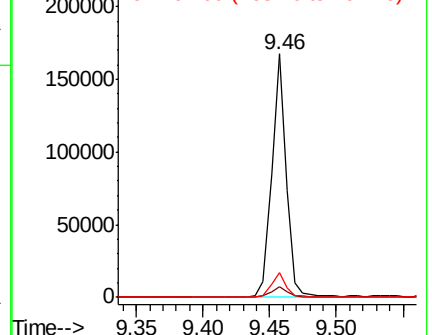
163 100

194 4.4 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF109310.D

Acq: 26 Sep 2018 2:32

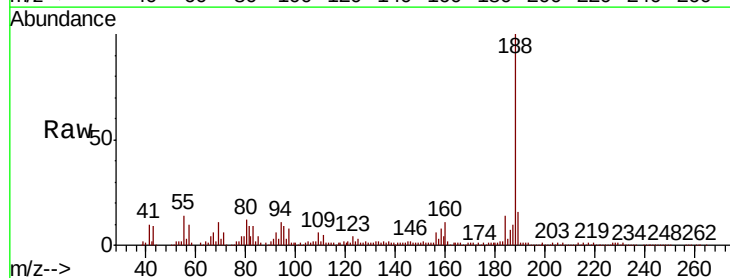
Tgt Ion:188 Resp: 266442

Ion Ratio Lower Upper

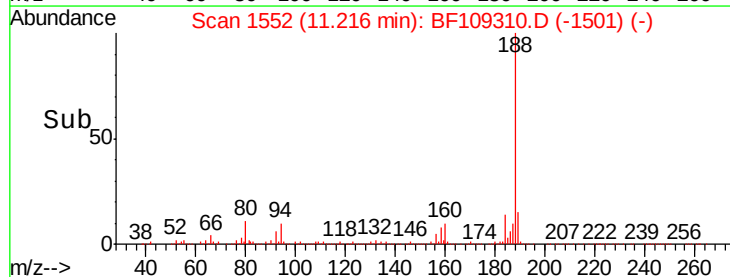
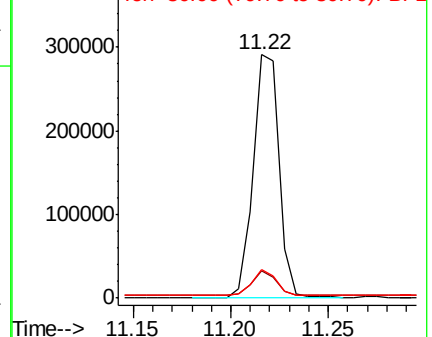
188 100

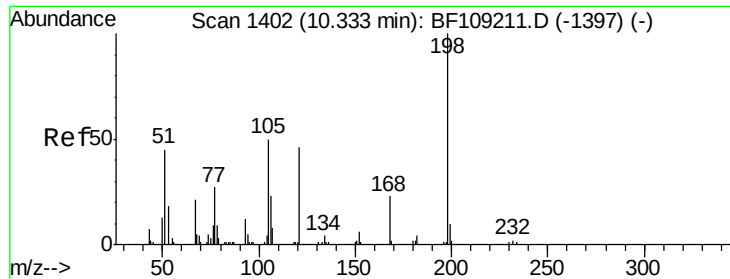
94 11.3 8.5 12.7

80 11.8 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

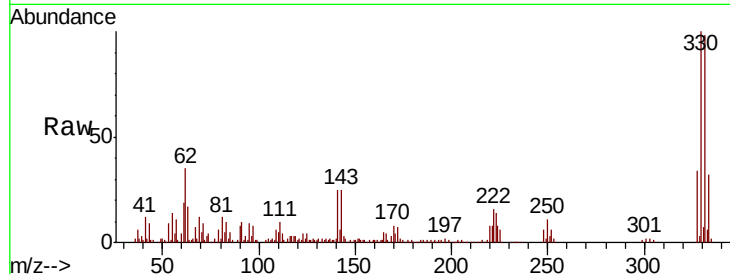




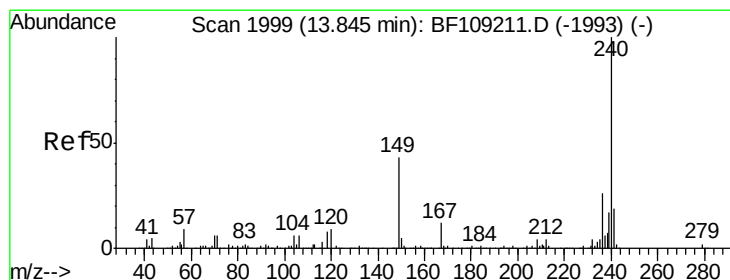
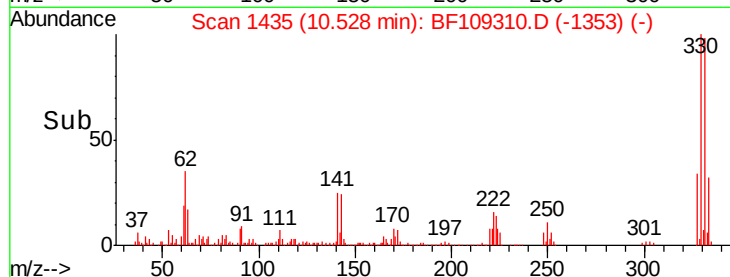
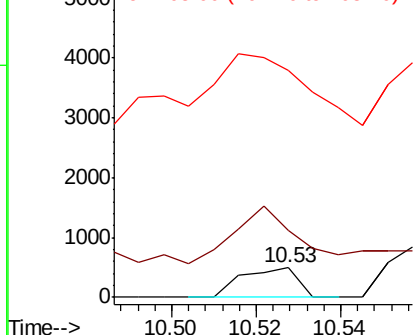
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.890 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.18 min
 Lab File: BF109310.D
 Acq: 26 Sep 2018 2:32

Instrument :
 BNA_F
 ClientSampled :
 HAND-HOLE

Tgt Ion:198 Resp: 457
 Ion Ratio Lower Upper
 198 100
 51 224.7 37.7 77.7#
 105 763.4 36.3 76.3#

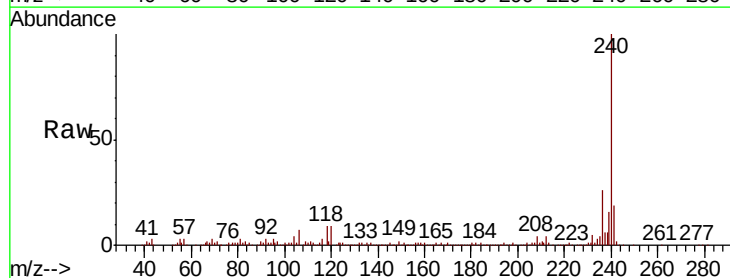


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

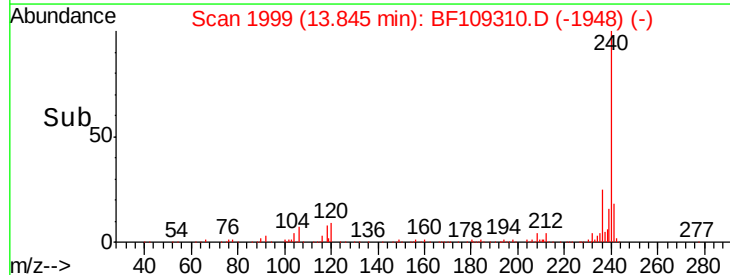
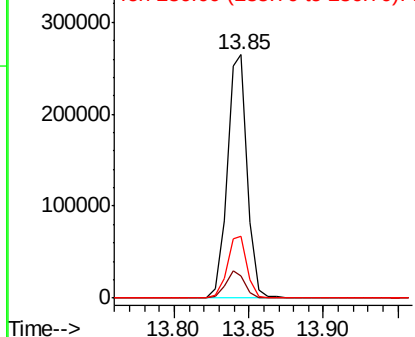


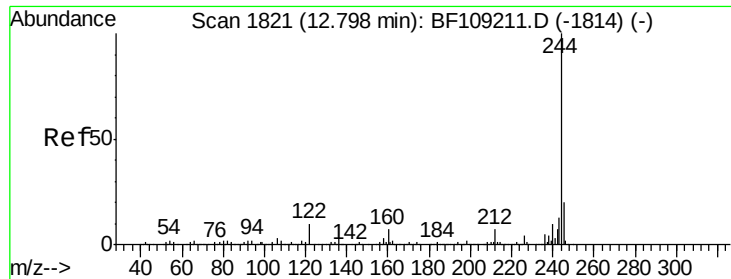
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF109310.D
 Acq: 26 Sep 2018 2:32

Tgt Ion:240 Resp: 250312
 Ion Ratio Lower Upper
 240 100
 120 9.1 9.5 14.3#
 236 25.5 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: 82.262 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF109310.D

Acq: 26 Sep 2018 2:32

Instrument :

BNA_F

ClientSampleId :

HAND-HOLE

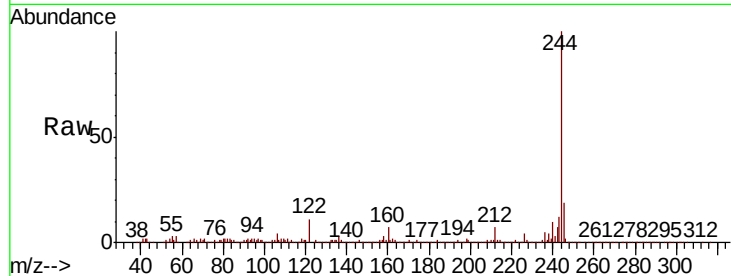
Tgt Ion:244 Resp: 839034

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

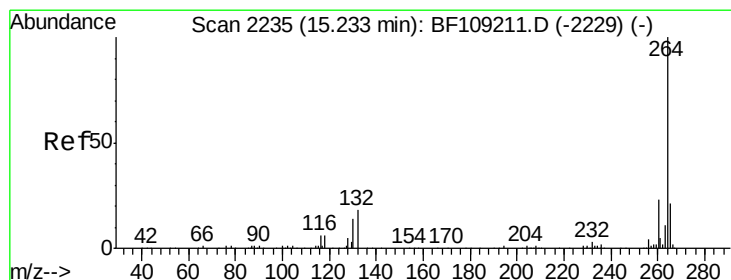
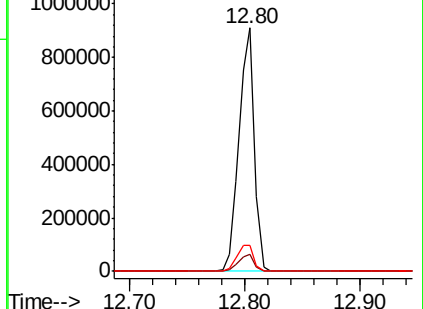
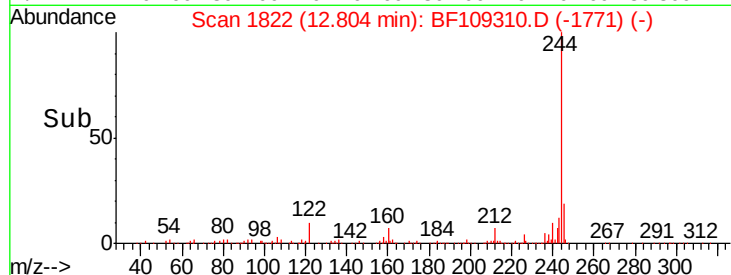
122 10.8 11.0 16.4#



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: BF109310.D

Acq: 26 Sep 2018 2:32

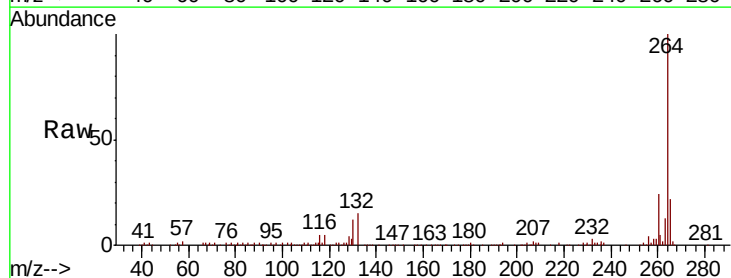
Tgt Ion:264 Resp: 184822

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.5 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

