

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
 Data File : BF109272.D
 Acq On : 24 Sep 2018 17:19
 Operator : JU/SJ
 Sample : J4770-07 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-D

Quant Time: Sep 25 04:42:26 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

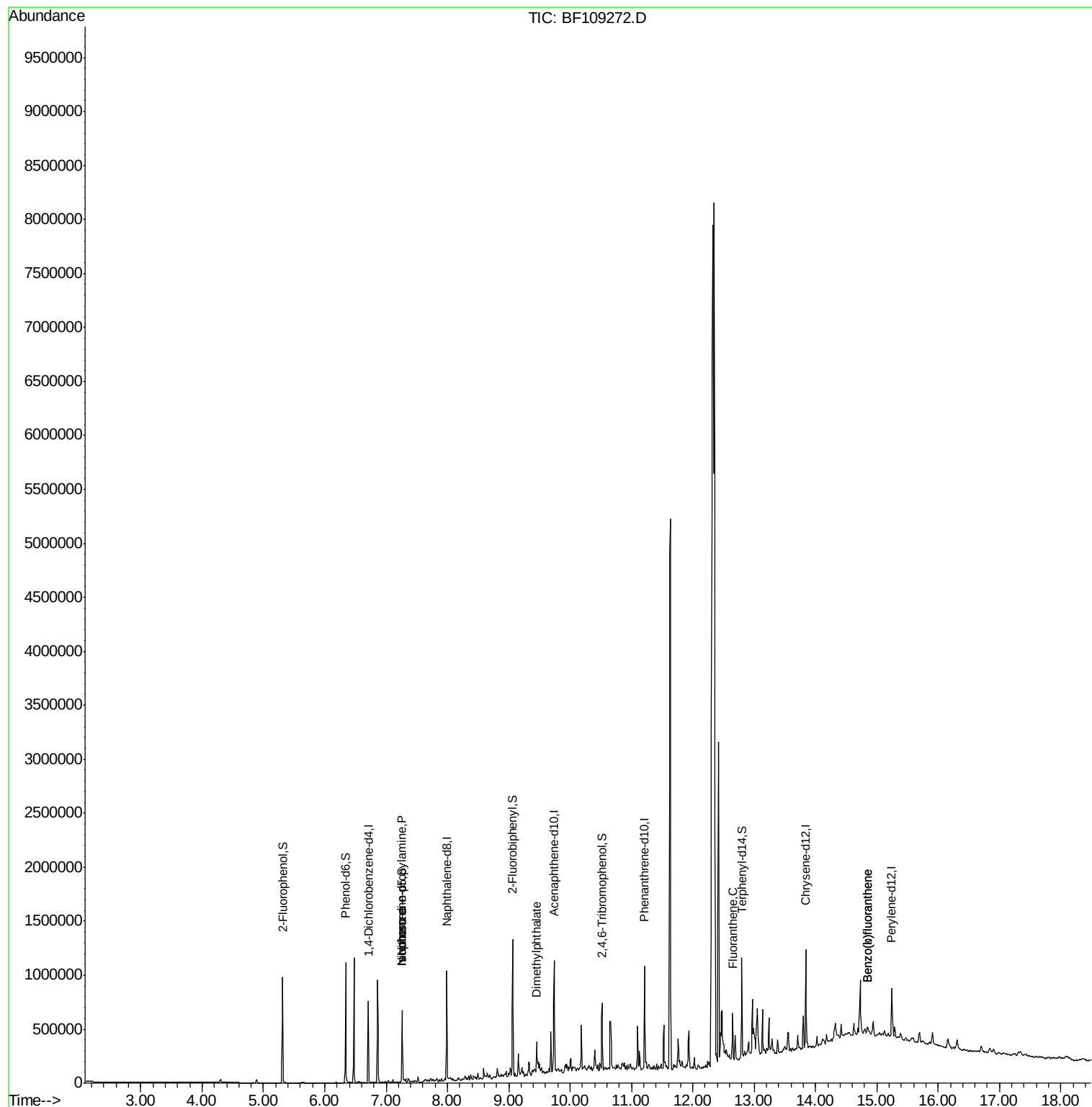
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	109778	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	416148	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	178607	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	320840	20.00	ng	0.00
75) Chrysene-d12	13.84	240	298033	20.00	ng	0.00
86) Perylene-d12	15.24	264	208734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	251338	37.71	ng	0.00
7) Phenol-d6	6.34	99	313312	36.84	ng	-0.02
23) Nitrobenzene-d5	7.26	82	186347	26.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	64158	36.44	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	338846	28.61	ng	-0.01
78) Terphenyl-d14	12.80	244	312522	25.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	27591	4.951	ng	# 77
25) Isophorone	7.26	82	177817	14.007	ng	# 64
49) Dimethylphthalate	9.46	163	91077	7.011	ng	# 98
74) Fluoranthene	12.65	202	39888	2.330	ng	# 99
87) Benzo(b)fluoranthene	14.85	252	27363	2.386	ng	# 68
88) Benzo(k)fluoranthene	14.85	252	27363	2.514	ng	# 71

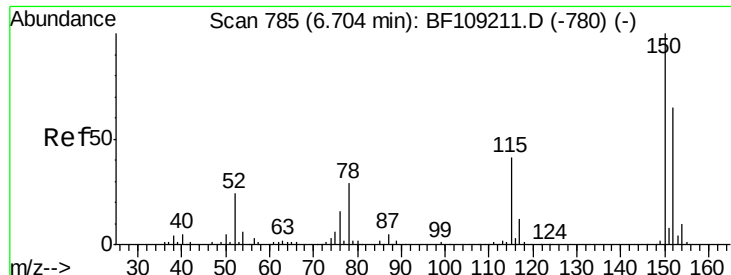
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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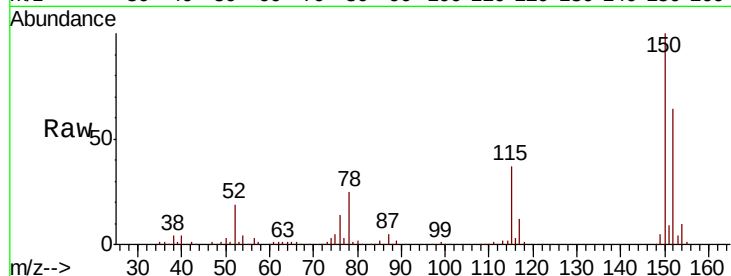


#1

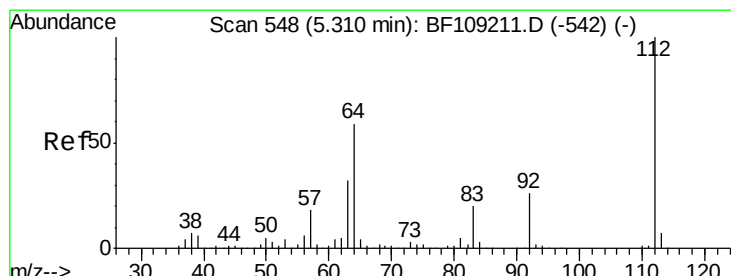
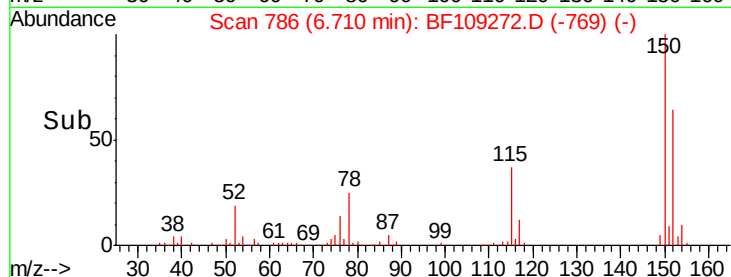
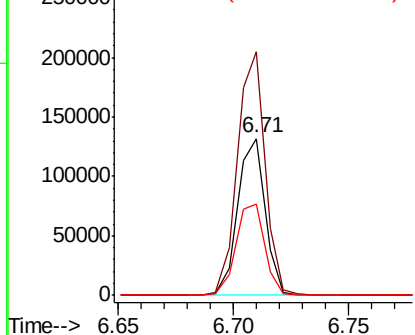
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109272.D
Acq: 24 Sep 2018 17:19

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-D

Tgt Ion:152 Resp: 109778
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 57.9 50.1 75.1



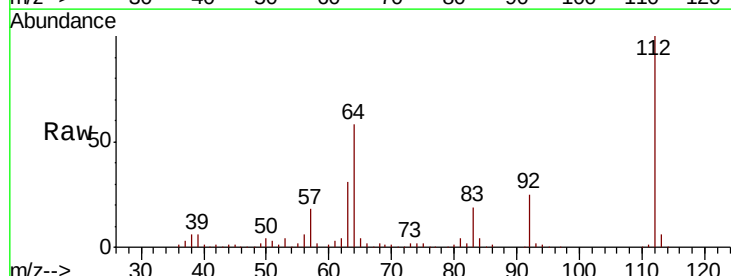
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



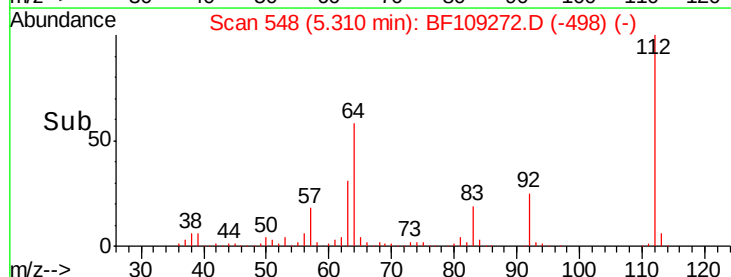
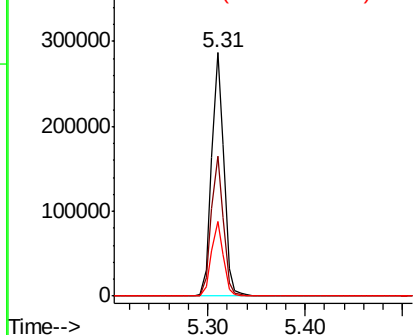
#5

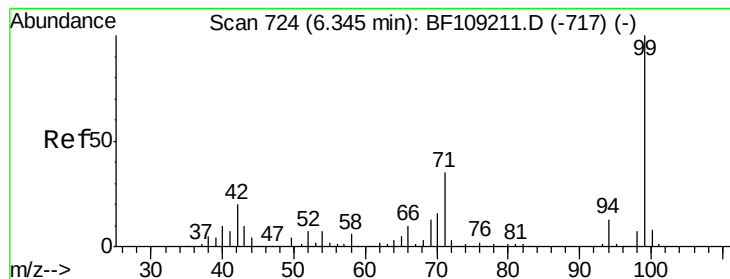
2-Fluorophenol
Concen: 37.710 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109272.D
Acq: 24 Sep 2018 17:19

Tgt Ion:112 Resp: 251338
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 30.5 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: 36.839 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109272.D

Acq: 24 Sep 2018 17:19

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-D

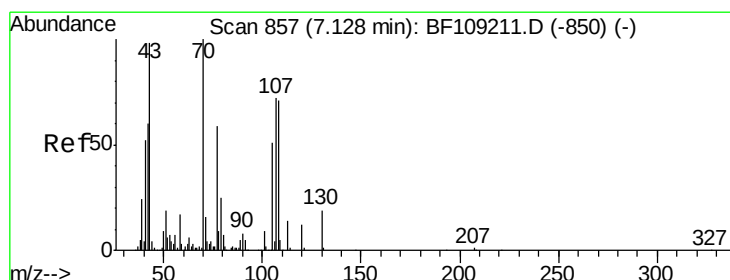
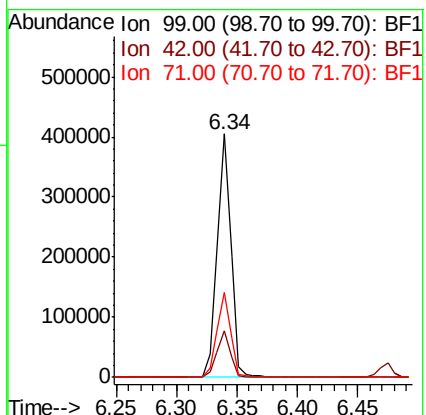
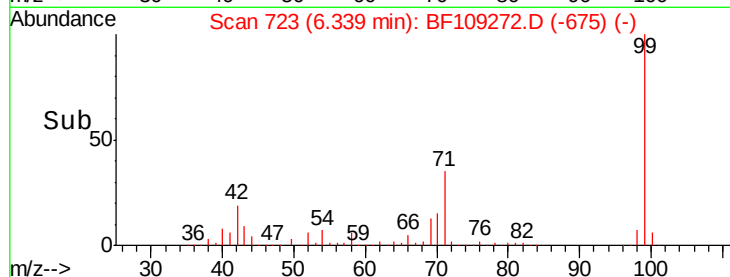
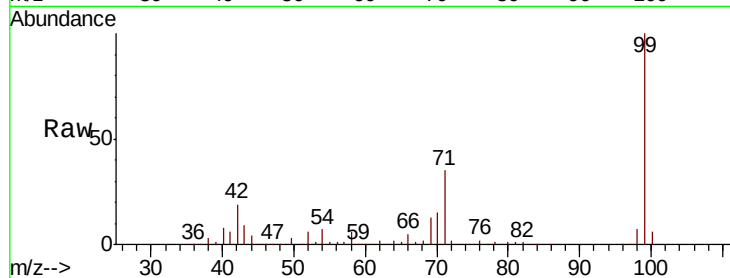
Tgt Ion: 99 Resp: 313312

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 34.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 4.951 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109272.D

Acq: 24 Sep 2018 17:19

Tgt Ion: 70 Resp: 27591

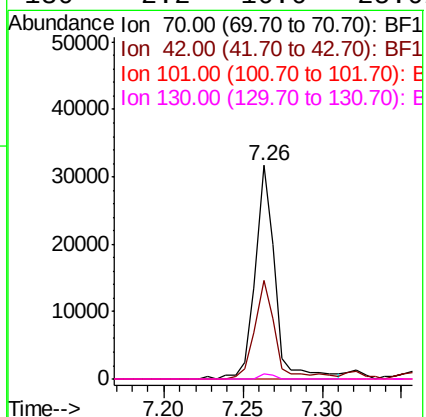
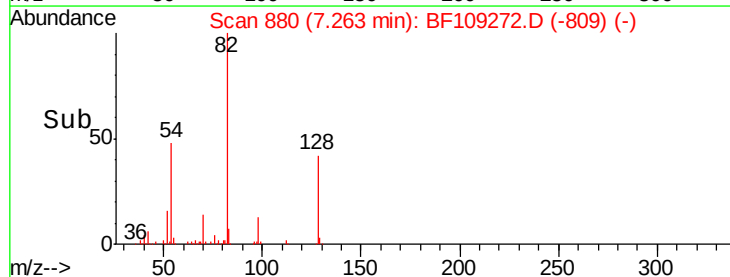
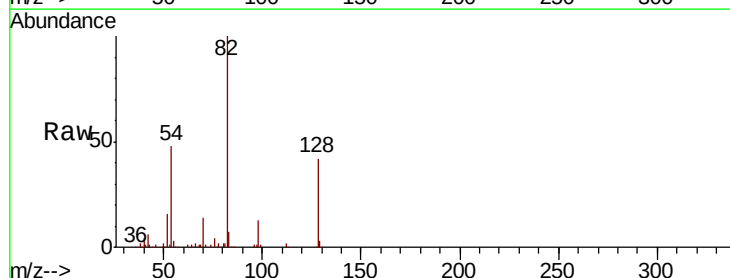
Ion Ratio Lower Upper

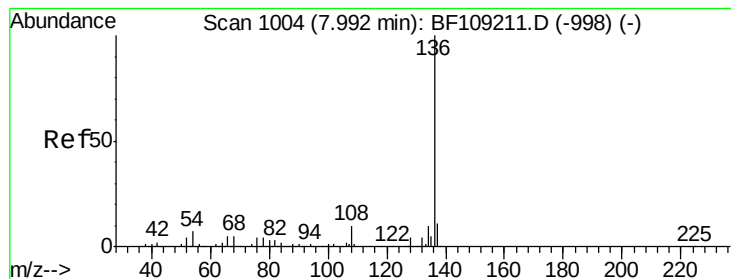
70 100

42 46.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 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: BF109272.D

Acq: 24 Sep 2018 17:19

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-D

Tgt Ion:136 Resp: 416148

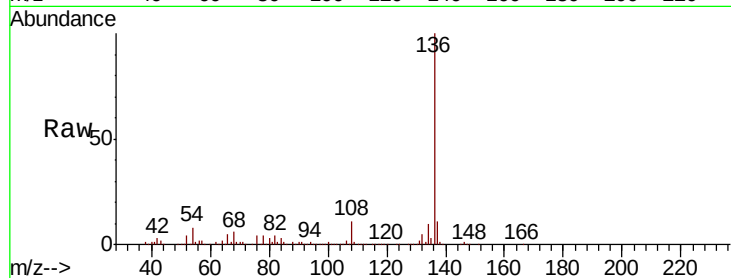
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.6 6.6 9.8

68 6.0 5.0 7.4

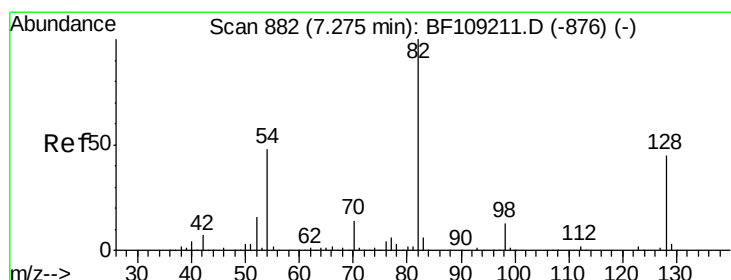
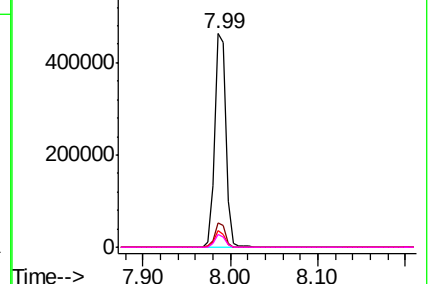
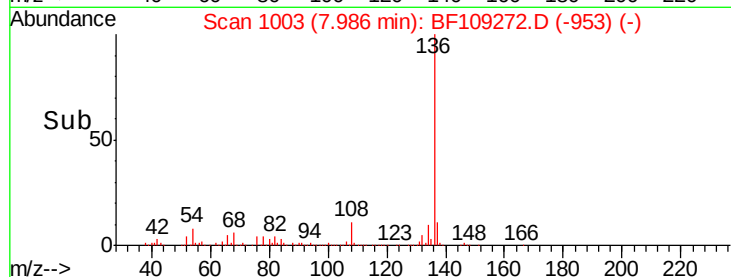


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.434 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109272.D

Acq: 24 Sep 2018 17:19

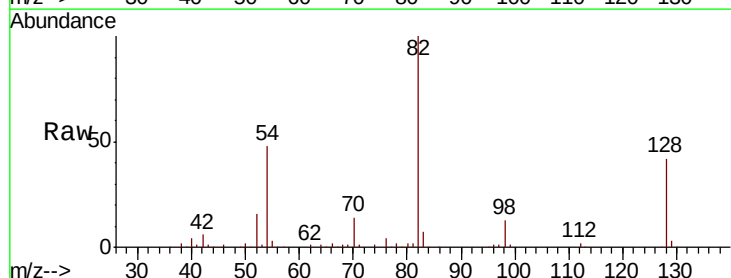
Tgt Ion: 82 Resp: 186347

Ion Ratio Lower Upper

82 100

128 41.7 36.1 54.1

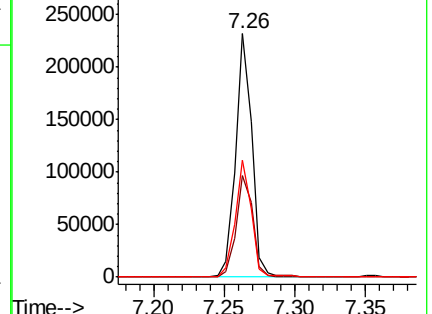
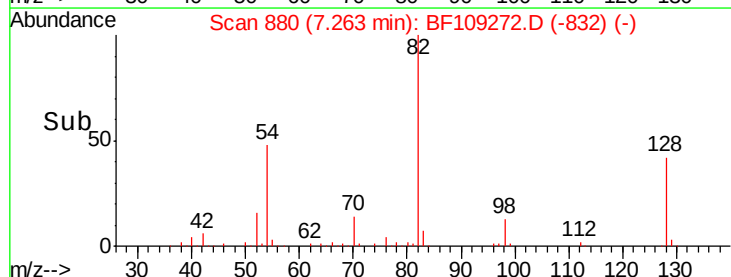
54 48.2 41.4 62.2

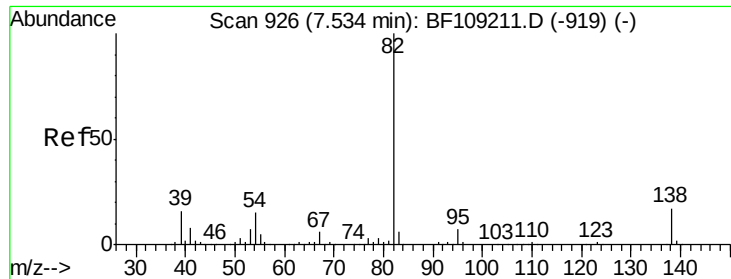


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 14.007 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109272.D

Acq: 24 Sep 2018 17:19

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-D

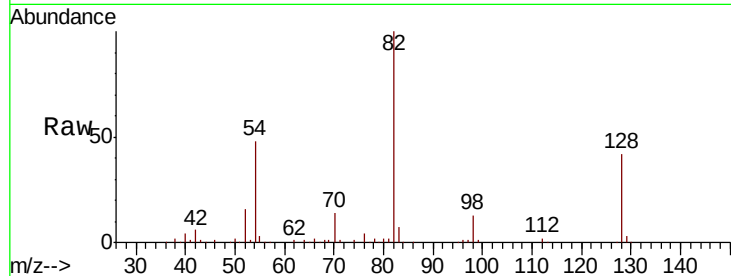
Tgt Ion: 82 Resp: 177817

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

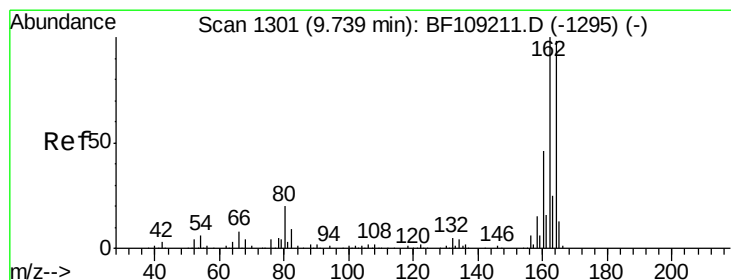
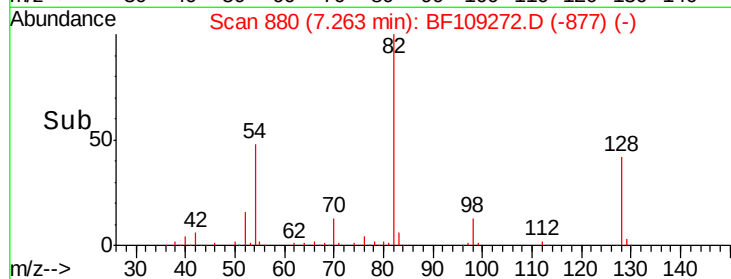
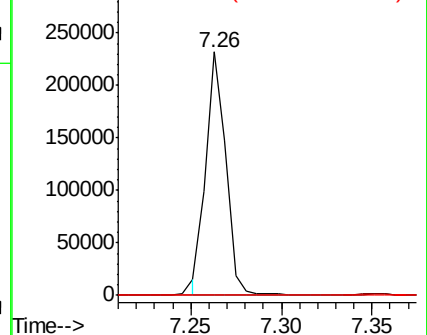
138 0.0 14.9 22.3#



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: BF109272.D

Acq: 24 Sep 2018 17:19

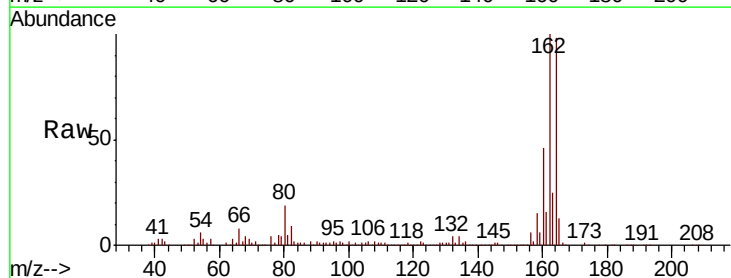
Tgt Ion: 164 Resp: 178607

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

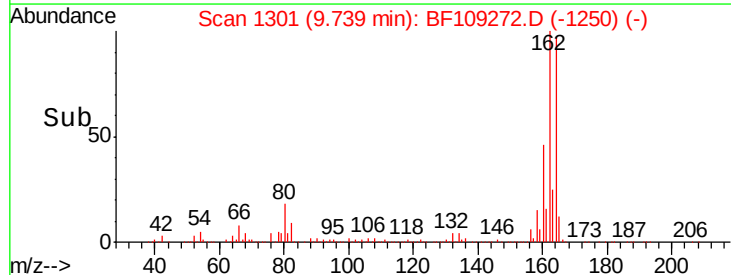
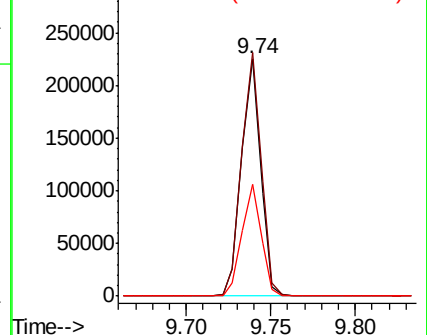
160 46.8 38.3 57.5

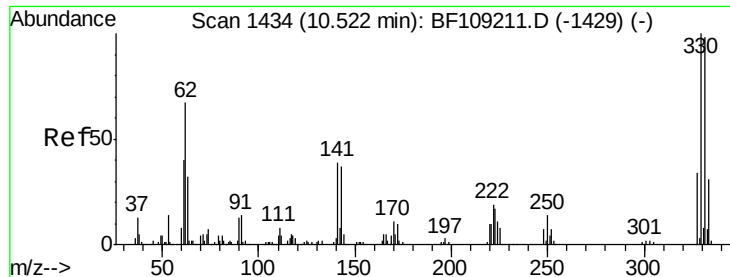


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 36.439 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109272.D

Acq: 24 Sep 2018 17:19

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-D

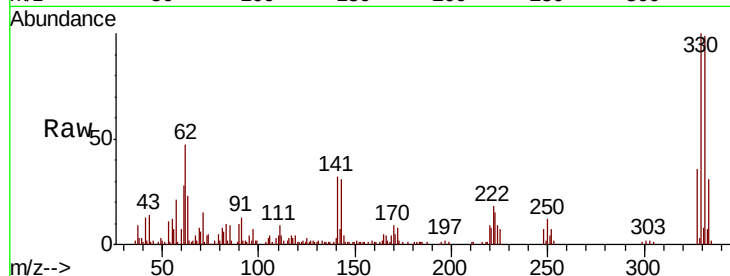
Tgt Ion:330 Resp: 64158

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

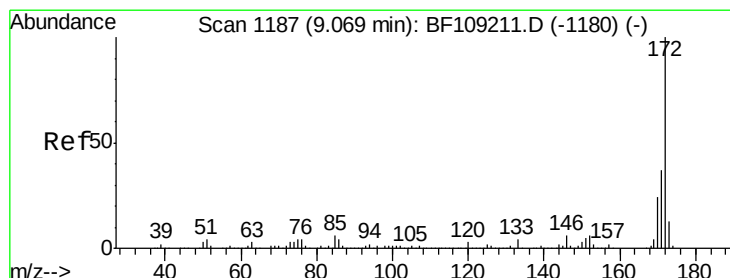
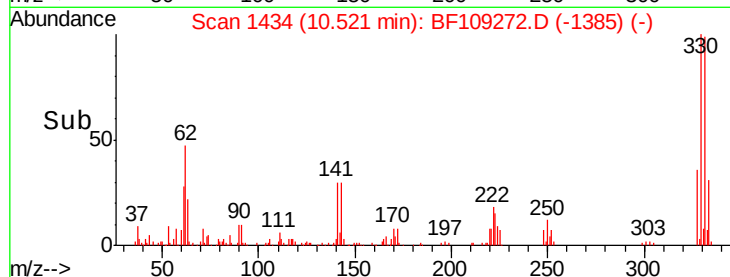
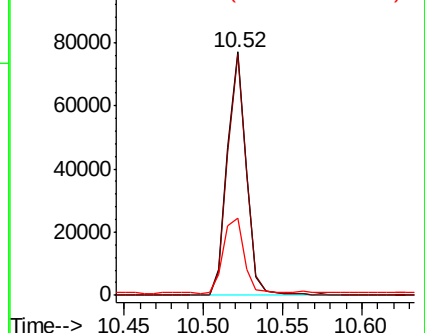
141 33.5 29.9 44.9



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: 28.613 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF109272.D

Acq: 24 Sep 2018 17:19

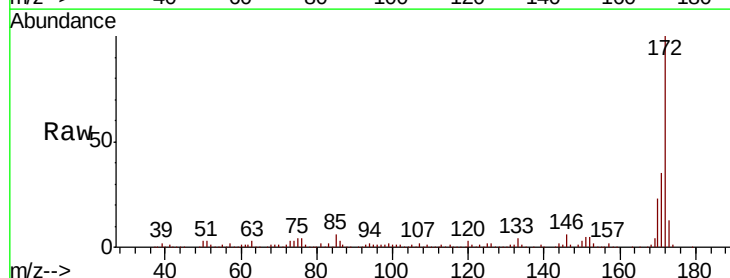
Tgt Ion:172 Resp: 338846

Ion Ratio Lower Upper

172 100

171 35.3 29.7 44.5

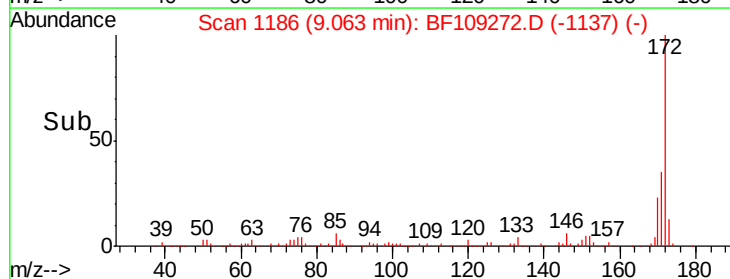
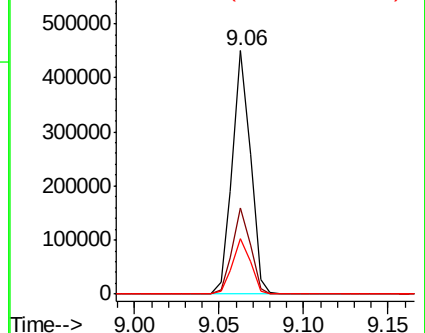
170 22.9 19.6 29.4

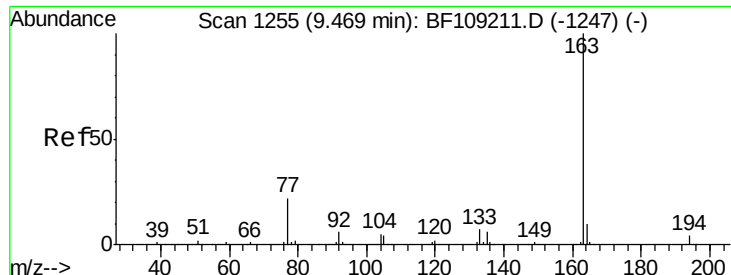


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

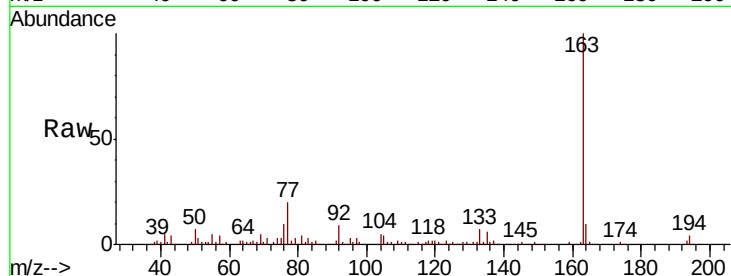




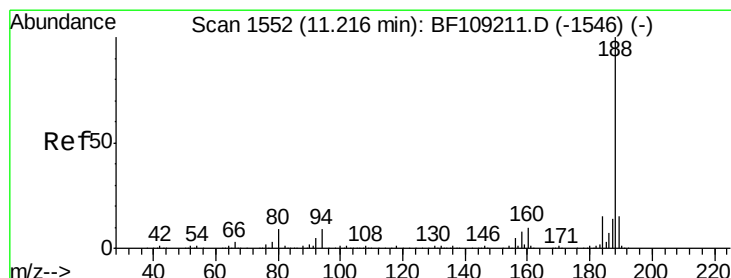
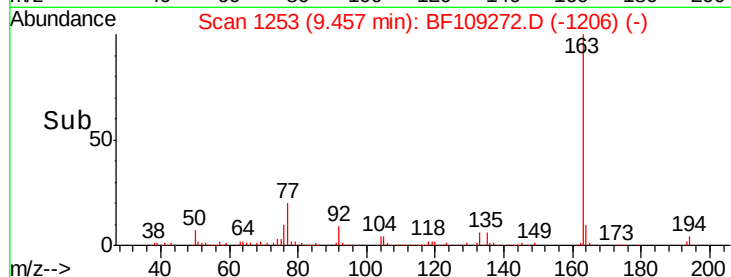
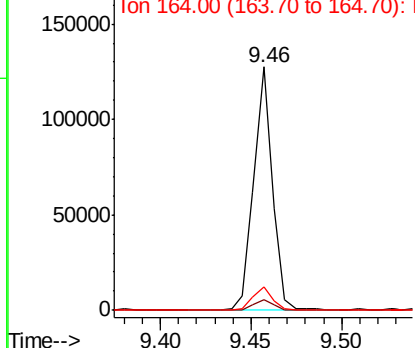
#49
Dimethylphthalate
Concen: 7.011 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109272.D
Acq: 24 Sep 2018 17:19

Instrument :
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ClientSampleId :
JC-02-092118-D

Tgt Ion:163 Resp: 91077
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.7 8.2 12.2

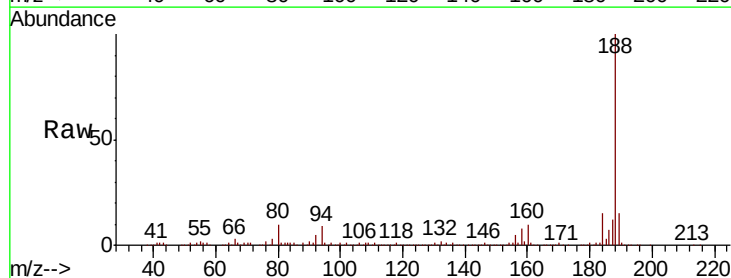


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

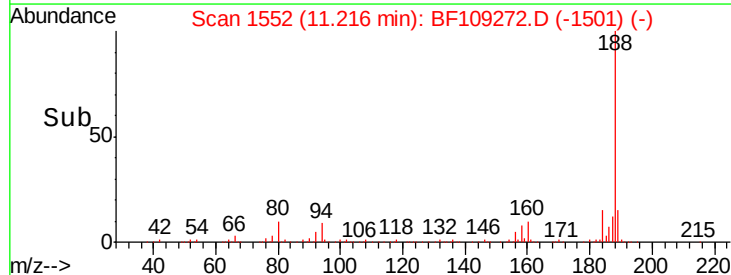
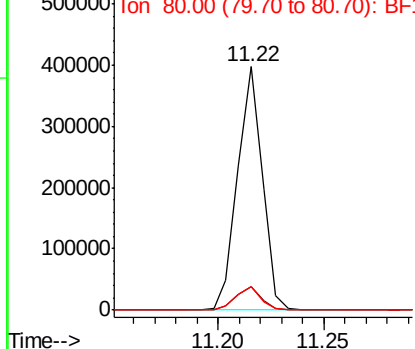


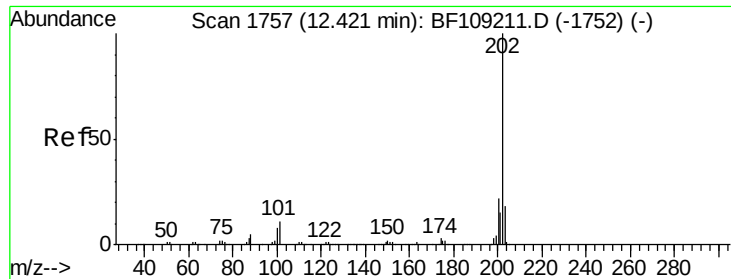
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109272.D
Acq: 24 Sep 2018 17:19

Tgt Ion:188 Resp: 320840
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.7 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





#74

Fluoranthene

Concen: 2.330 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.22 min

Lab File: BF109272.D

Acq: 24 Sep 2018 17:19

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-D

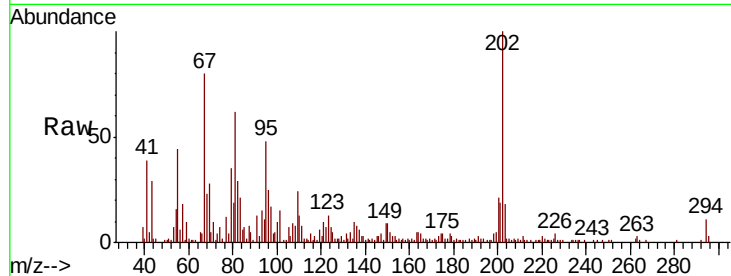
Tgt Ion:202 Resp: 39888

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.1

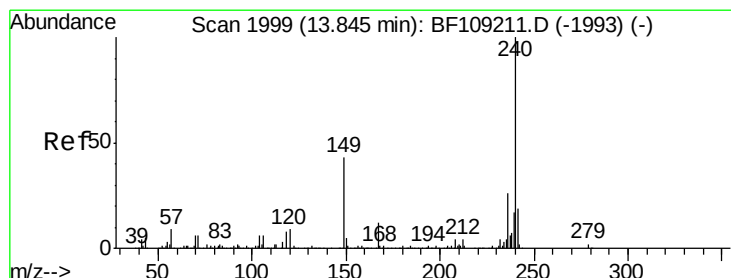
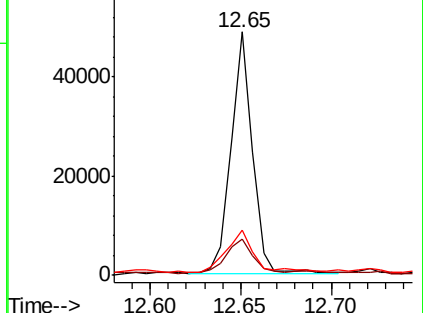
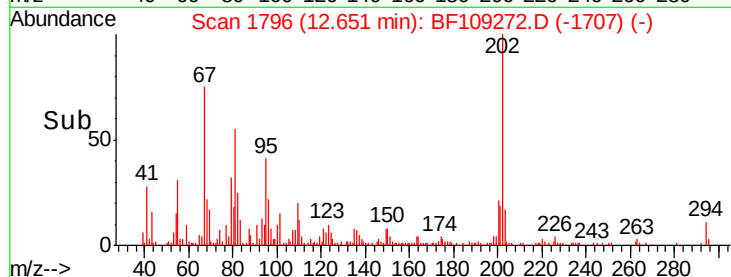
203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF109272.D

Acq: 24 Sep 2018 17:19

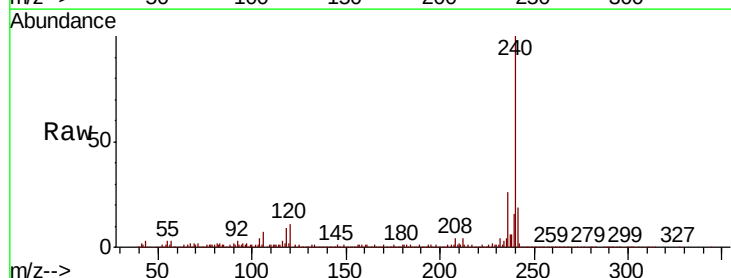
Tgt Ion:240 Resp: 298033

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

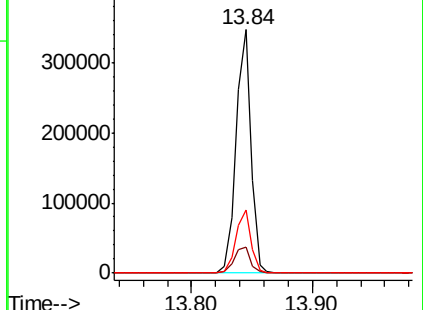
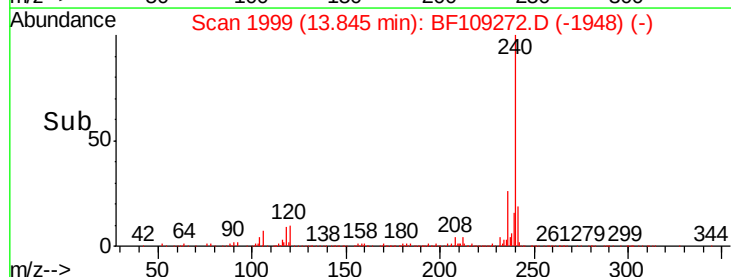
236 25.8 20.7 31.1

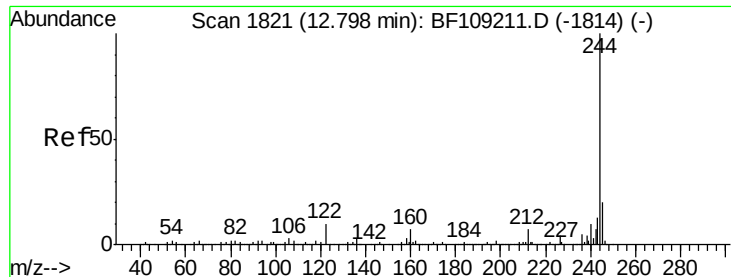


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 25.735 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109272.D

Acq: 24 Sep 2018 17:19

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-D

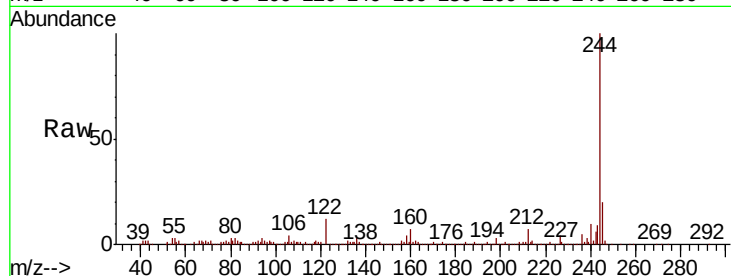
Tgt Ion:244 Resp: 312522

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

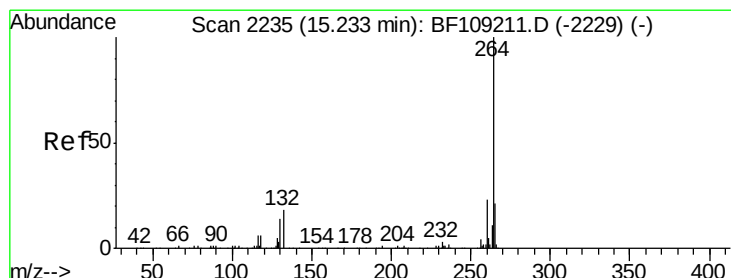
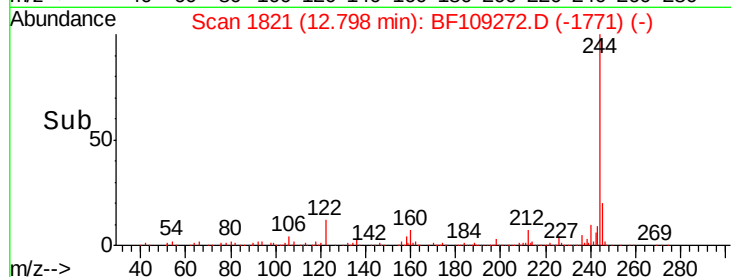
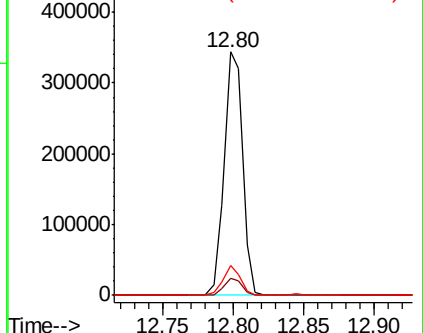
122 12.1 11.0 16.4



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: BF109272.D

Acq: 24 Sep 2018 17:19

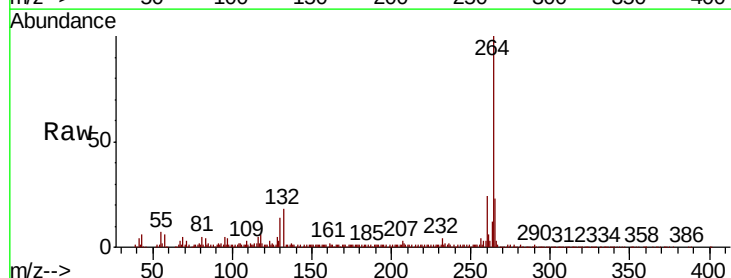
Tgt Ion:264 Resp: 208734

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

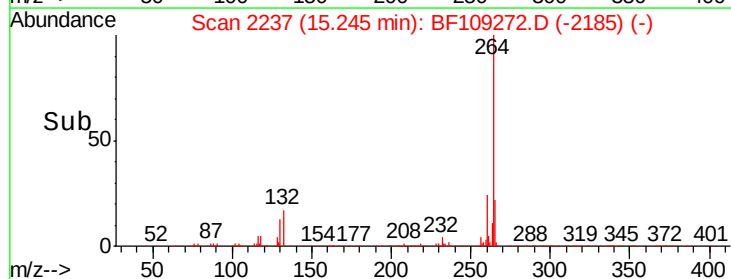
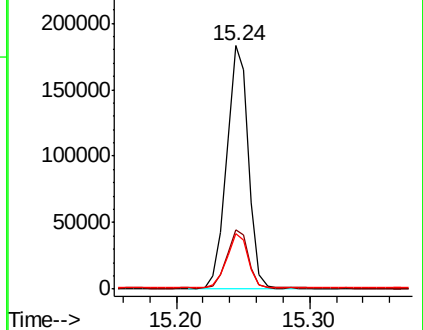
265 22.6 17.5 26.3

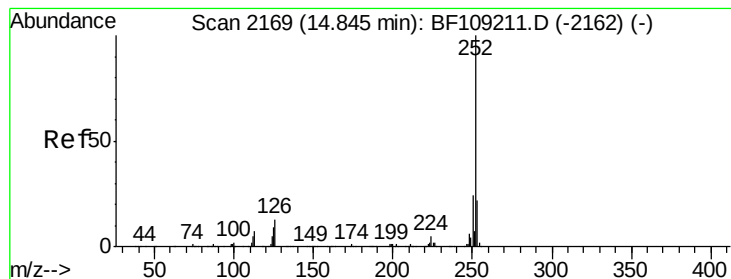


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.386 ng

RT: 14.85 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BF109272.D

Acq: 24 Sep 2018 17:19

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-D

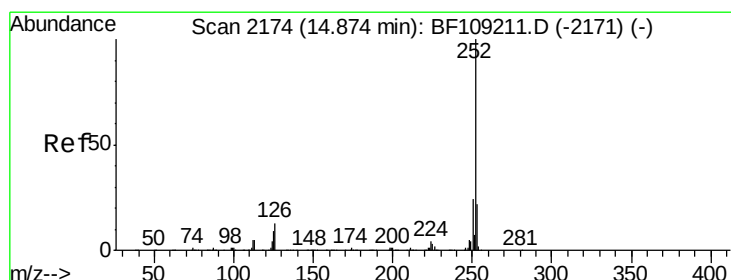
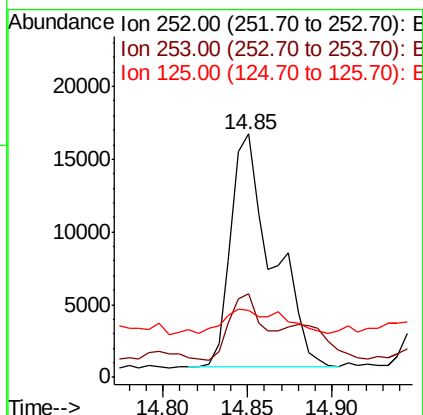
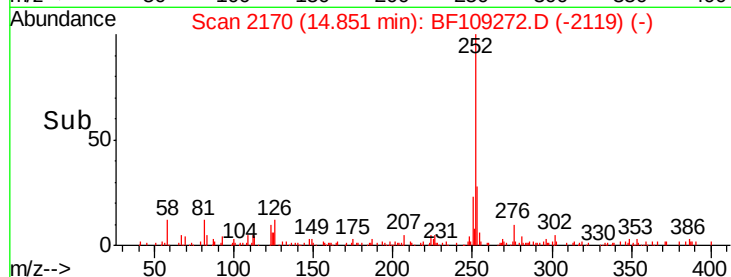
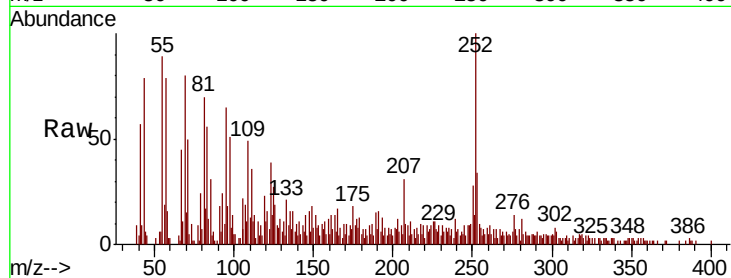
Tgt Ion:252 Resp: 27363

Ion Ratio Lower Upper

252 100

253 34.1 17.0 25.6#

125 27.4 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 2.514 ng

RT: 14.85 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF109272.D

Acq: 24 Sep 2018 17:19

Tgt Ion:252 Resp: 27363

Ion Ratio Lower Upper

252 100

253 34.1 17.9 26.9#

125 27.4 10.2 15.2#

