

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
 Data File : BF109278.D
 Acq On : 24 Sep 2018 19:55
 Operator : JU/SJ
 Sample : J4770-19 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 25 04:43:23 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

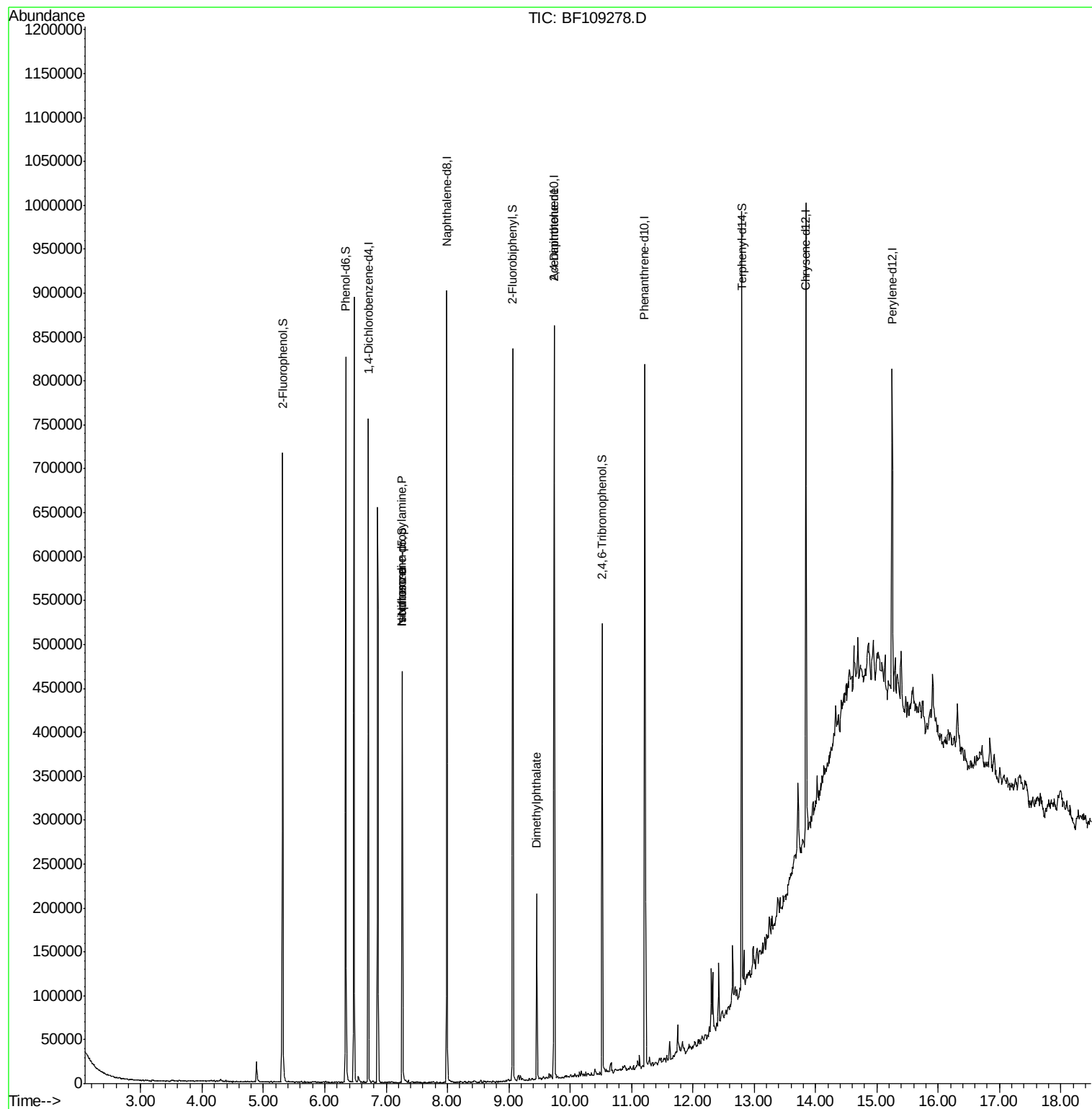
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	97657	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	355295	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	157093	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	300876	20.00	ng	0.00
75) Chrysene-d12	13.84	240	225695	20.00	ng	0.00
86) Perylene-d12	15.25	264	160988	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	204220	34.44	ng	0.00
7) Phenol-d6	6.34	99	256355	33.88	ng	-0.02
23) Nitrobenzene-d5	7.26	82	145833	24.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	55970	36.14	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	246764	23.69	ng	-0.01
78) Terphenyl-d14	12.80	244	264082	28.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	19048	3.842	ng	# 83
25) Isophorone	7.26	82	126718	11.692	ng	# 64
49) Dimethylphthalate	9.46	163	69593	6.091	ng	# 98
56) 2,4-Dinitrotoluene	9.74	165	19887	6.946	ng	# 23

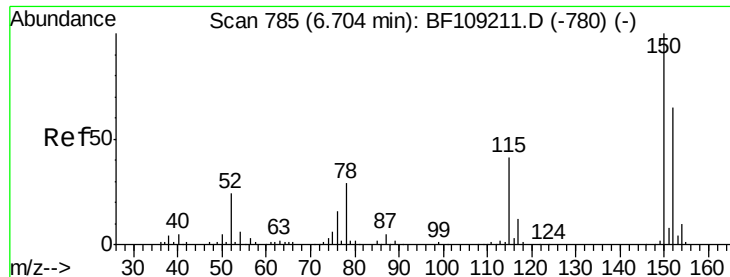
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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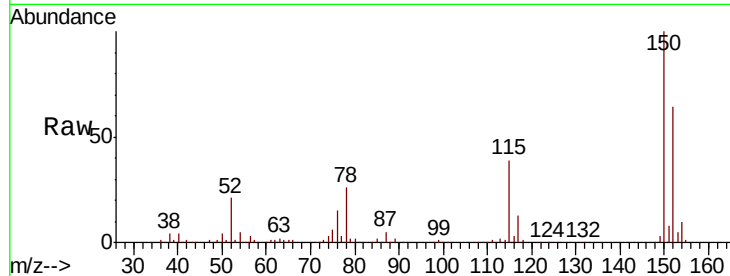


#1

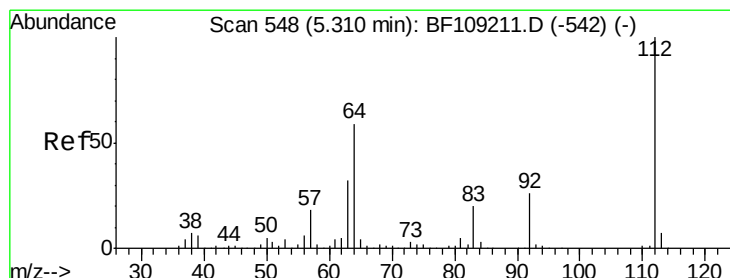
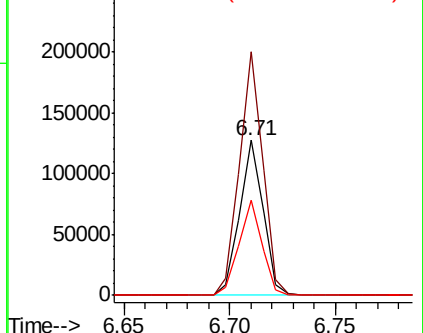
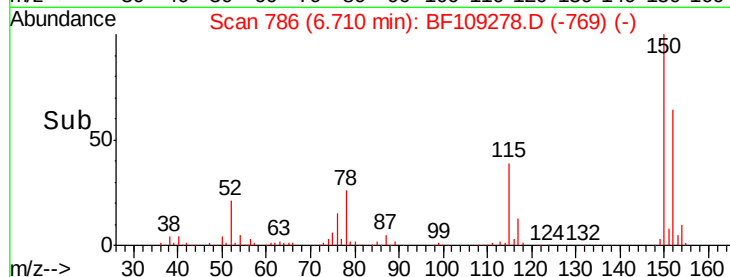
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109278.D
 Acq: 24 Sep 2018 19:55

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

Tgt Ion:152 Resp: 97657
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 61.1 50.1 75.1



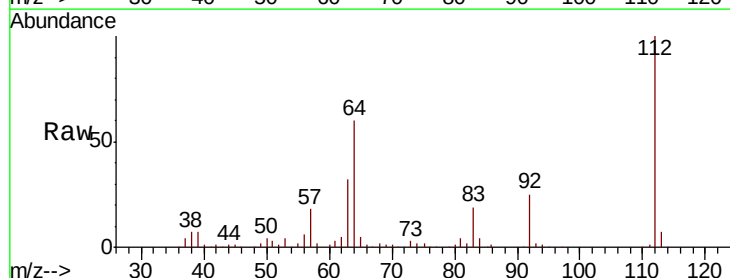
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



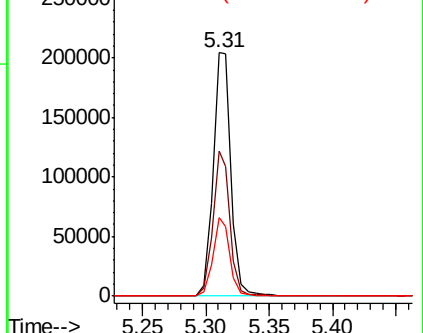
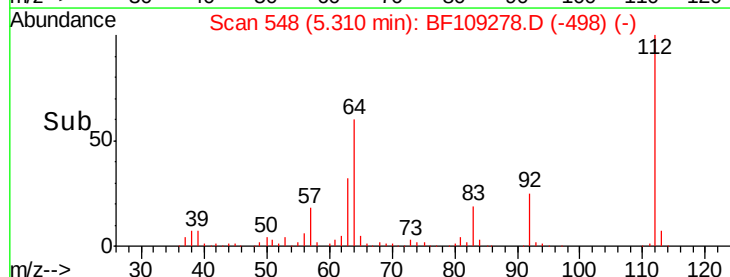
#5

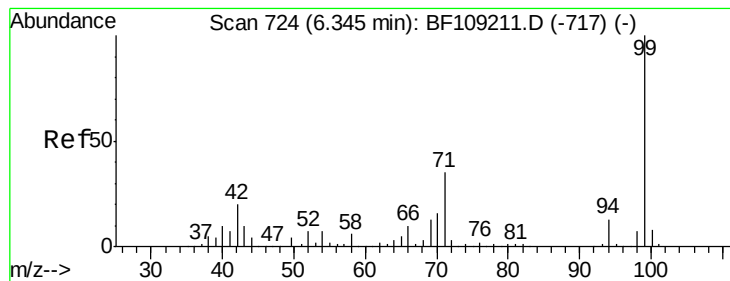
2-Fluorophenol
 Concen: 34.444 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109278.D
 Acq: 24 Sep 2018 19:55

Tgt Ion:112 Resp: 204220
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.9 71.9
 63 32.0 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: 33.884 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109278.D

Acq: 24 Sep 2018 19:55

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-J

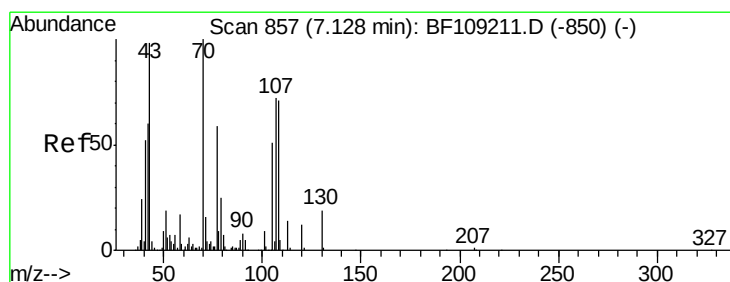
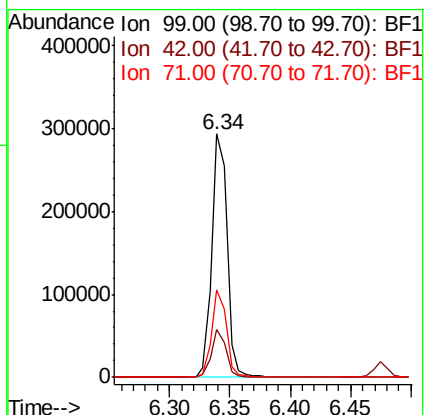
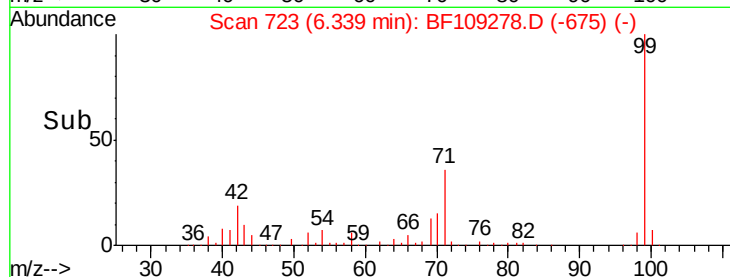
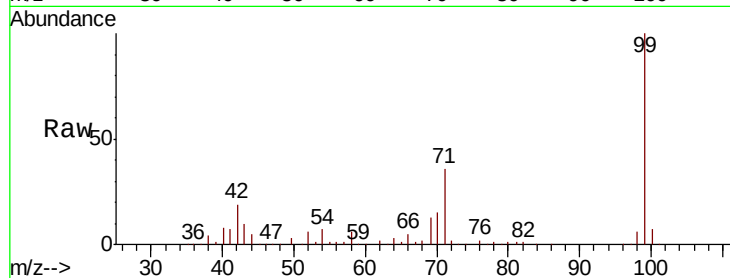
Tgt Ion: 99 Resp: 256355

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 35.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 3.842 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109278.D

Acq: 24 Sep 2018 19:55

Tgt Ion: 70 Resp: 19048

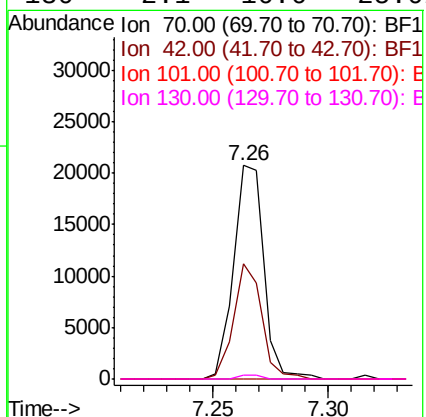
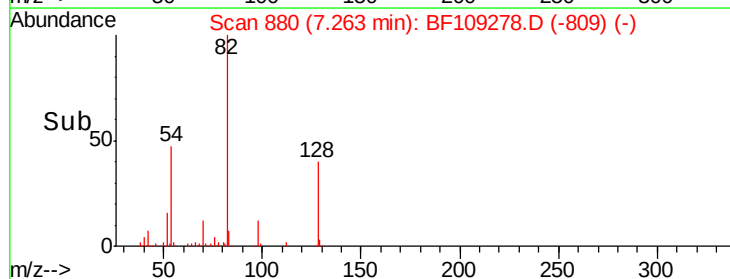
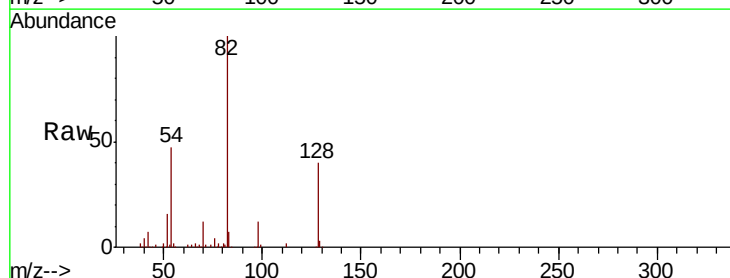
Ion Ratio Lower Upper

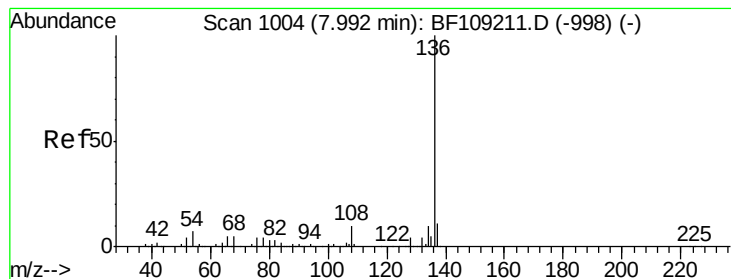
70 100

42 54.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109278.D

Acq: 24 Sep 2018 19:55

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-J

Tgt Ion: 136 Resp: 355295

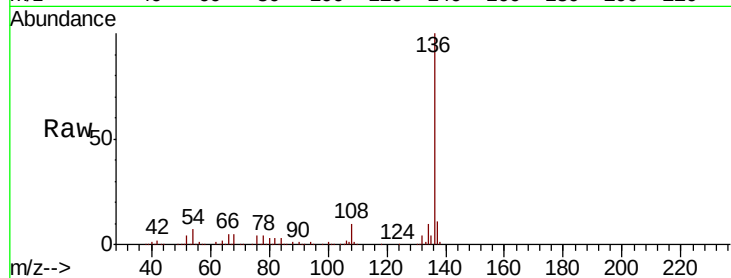
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 5.5 5.0 7.4

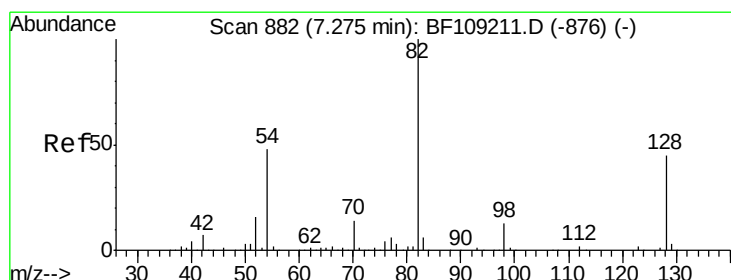
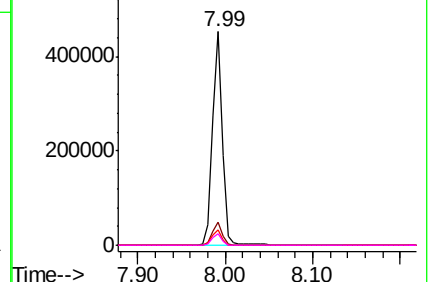
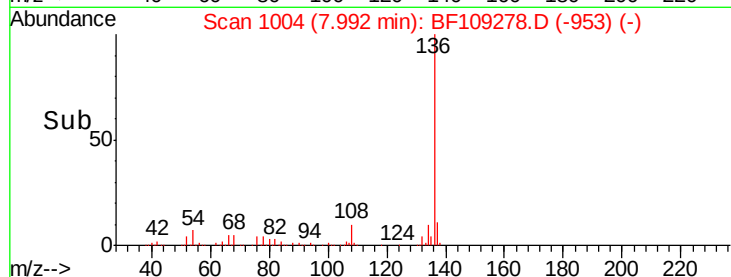


Abundance Ion 136.00 (135.70 to 136.70): E

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: 24.230 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109278.D

Acq: 24 Sep 2018 19:55

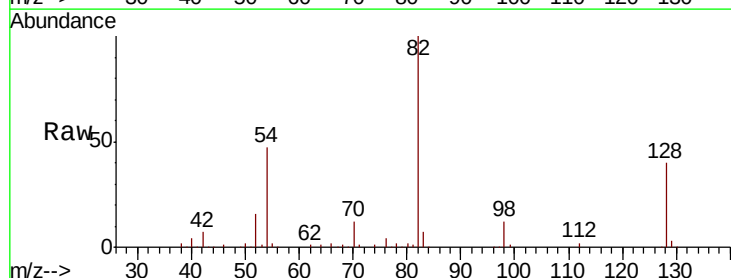
Tgt Ion: 82 Resp: 145833

Ion Ratio Lower Upper

82 100

128 40.3 36.1 54.1

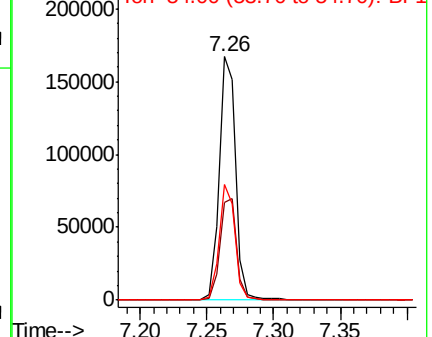
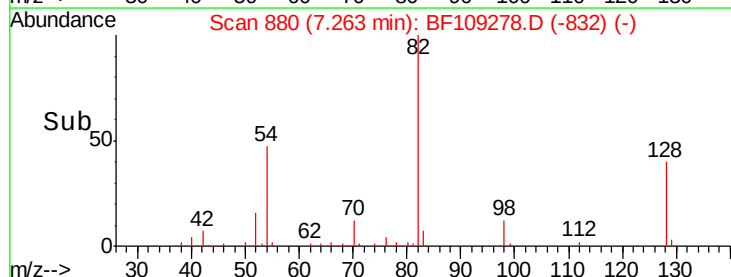
54 47.3 41.4 62.2

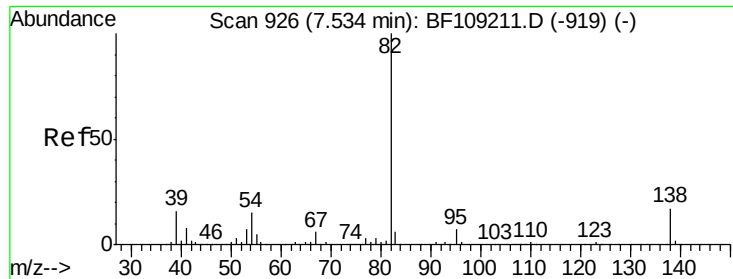


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 11.692 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109278.D

Acq: 24 Sep 2018 19:55

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-J

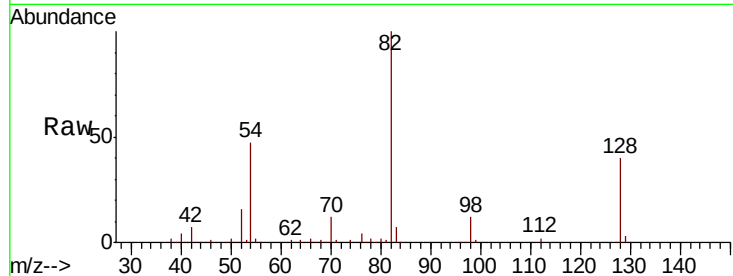
Tgt Ion: 82 Resp: 126718

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

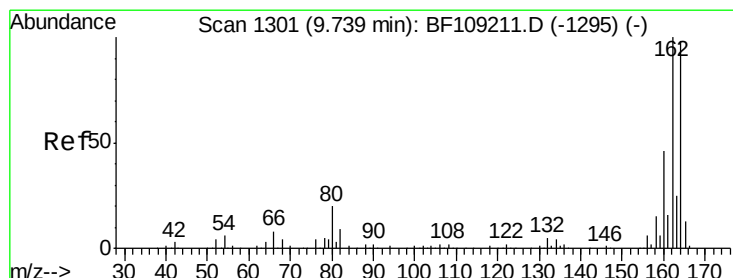
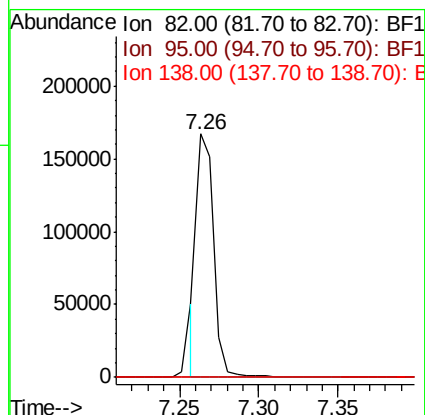
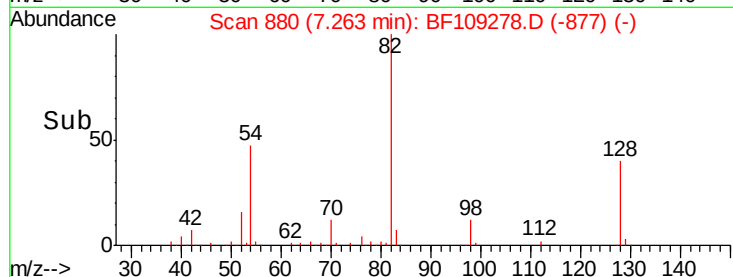
138 0.0 14.9 22.3#



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: BF109278.D

Acq: 24 Sep 2018 19:55

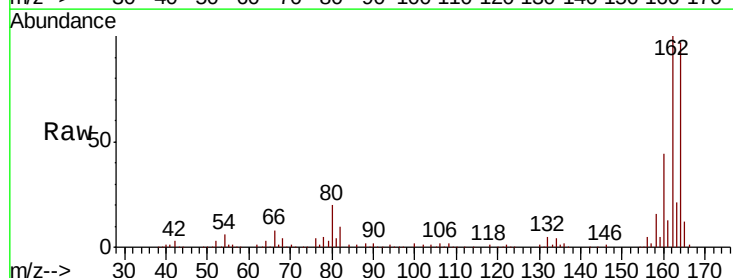
Tgt Ion: 164 Resp: 157093

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

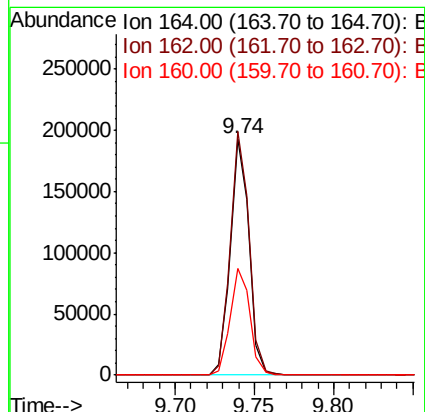
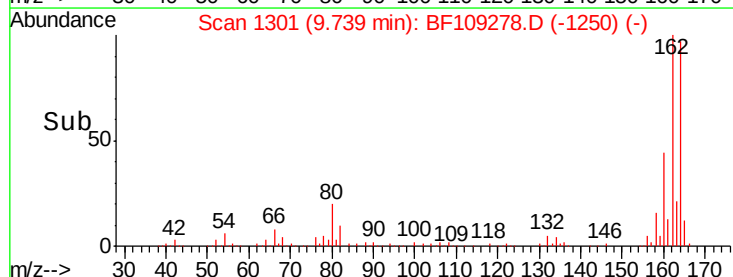
160 45.2 38.3 57.5

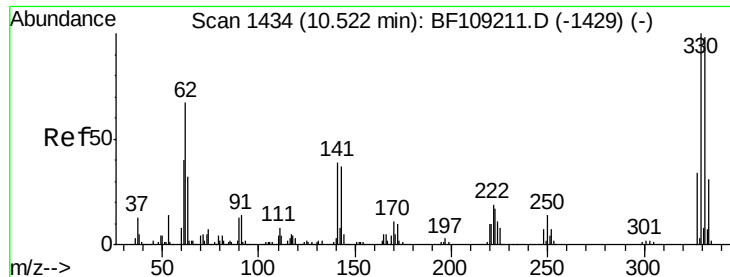


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

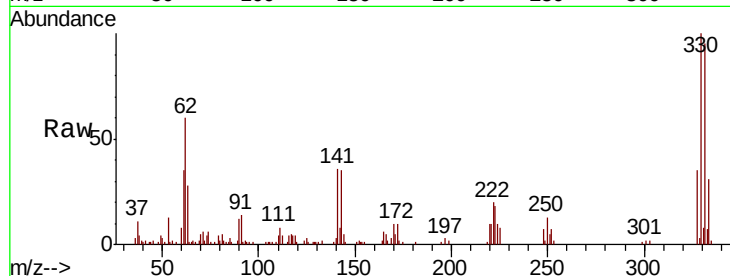




#41
 2,4,6-Tribromophenol
 Concen: 36.142 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109278.D
 Acq: 24 Sep 2018 19:55

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.5	29.9	44.9

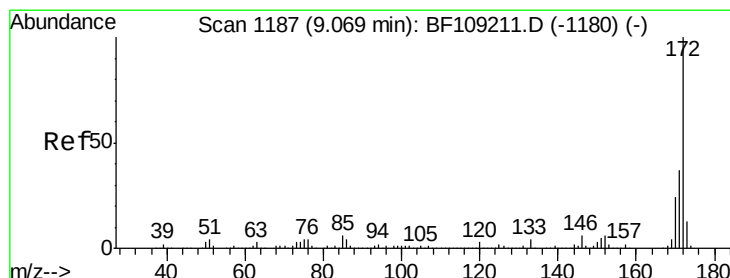
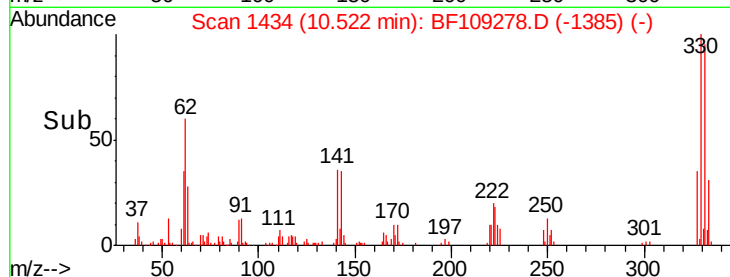
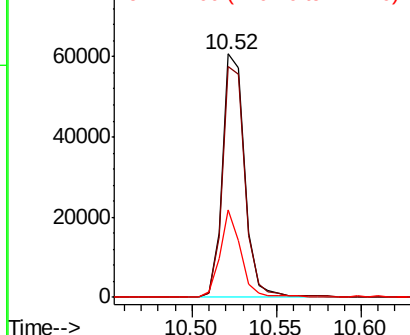


Abundance

Ion 329.80 (329.50 to 330.50): E

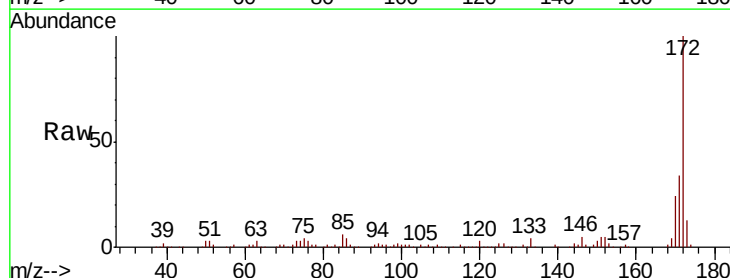
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 23.691 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109278.D
 Acq: 24 Sep 2018 19:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.9	19.6	29.4

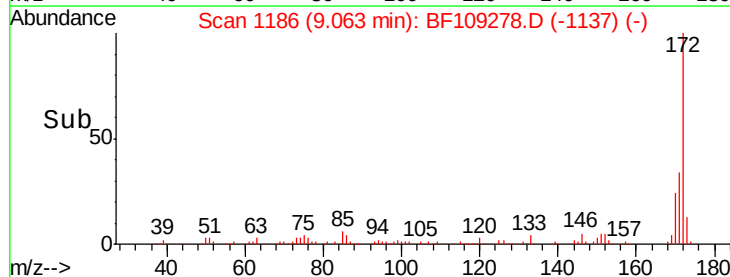
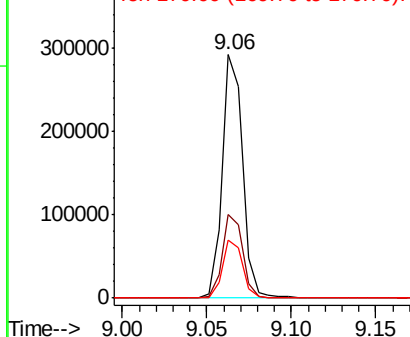


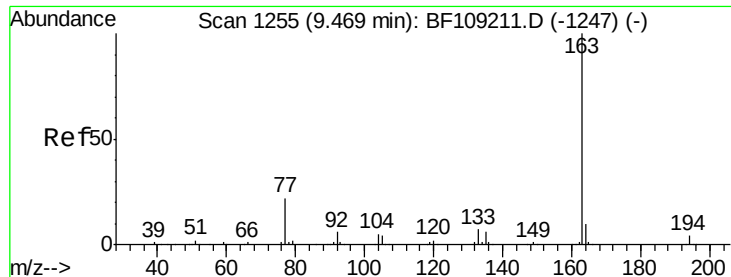
Abundance

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

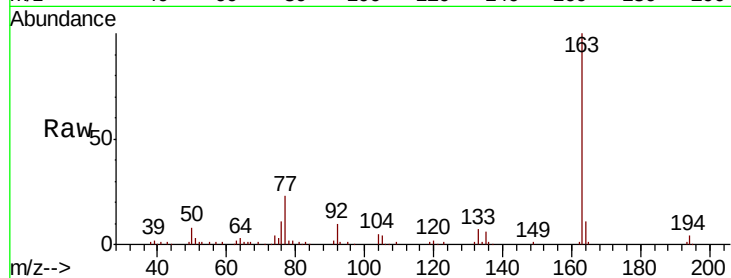




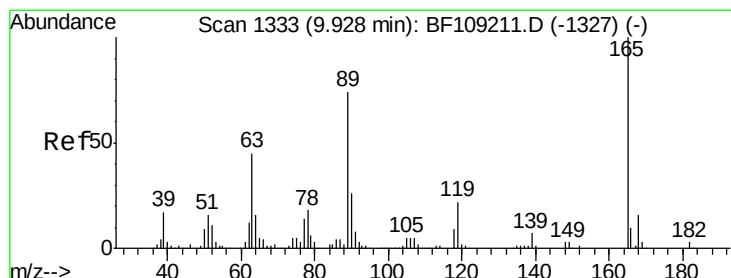
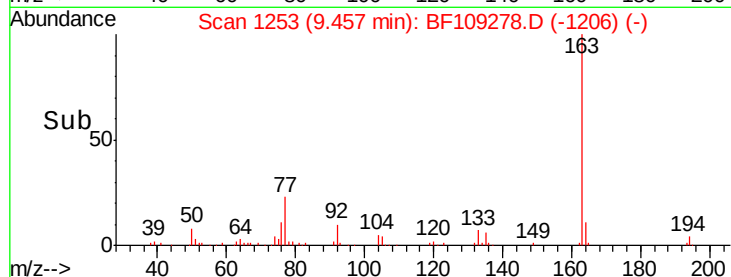
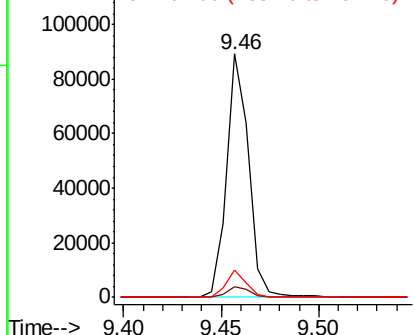
#49
Dimethylphthalate
Concen: 6.091 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109278.D
Acq: 24 Sep 2018 19:55

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

Tgt Ion:163 Resp: 69593
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 11.0 8.2 12.2

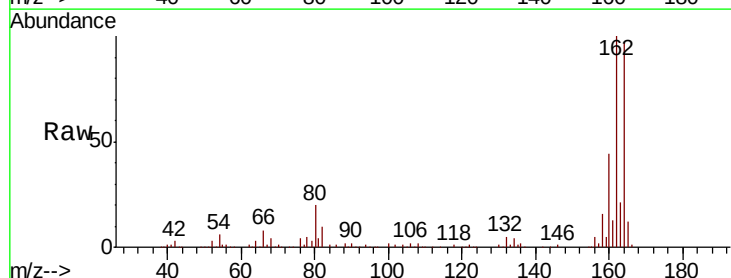


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

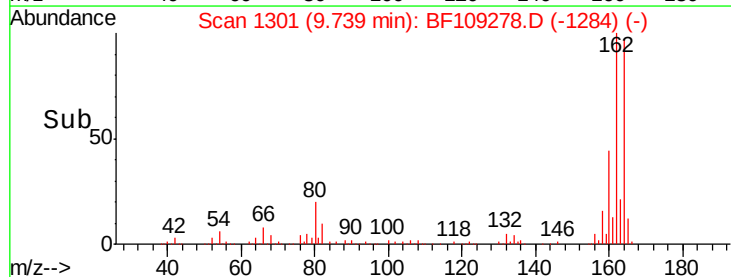
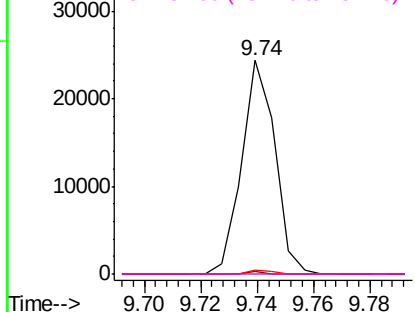


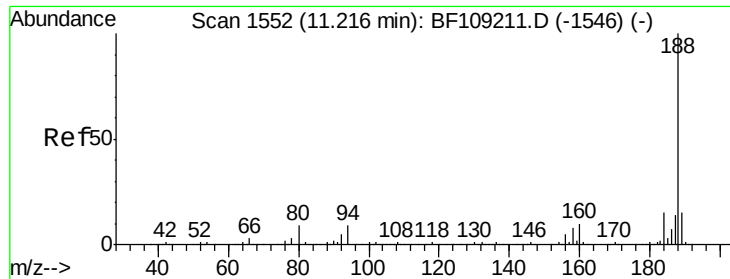
#56
2,4-Dinitrotoluene
Concen: 6.946 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109278.D
Acq: 24 Sep 2018 19:55

Tgt Ion:165 Resp: 19887
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.6 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

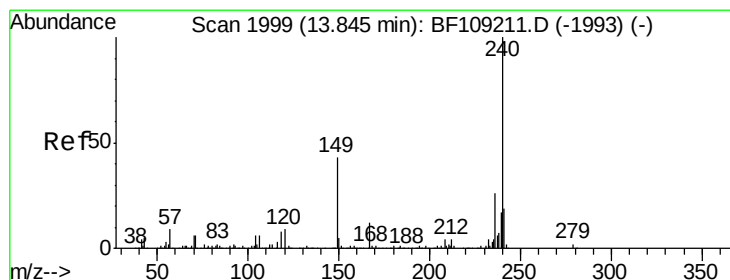
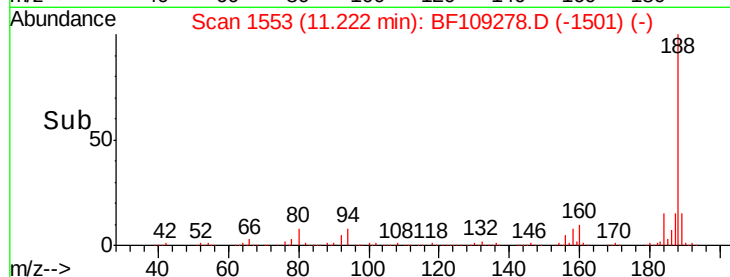
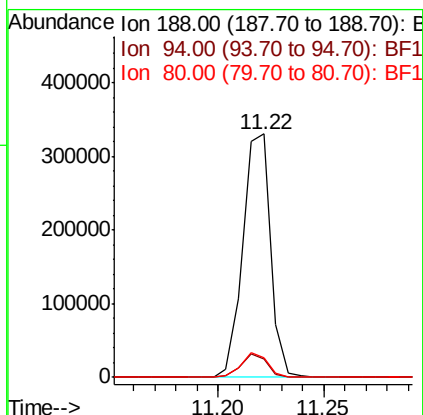
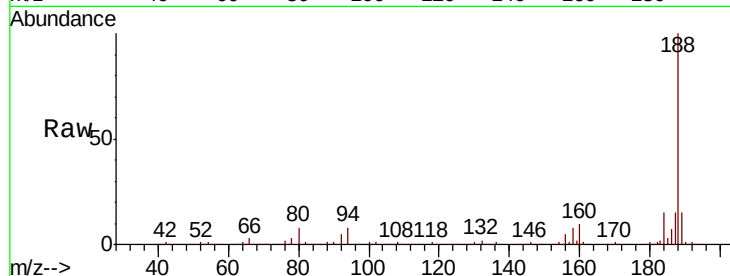




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109278.D
Acq: 24 Sep 2018 19:55

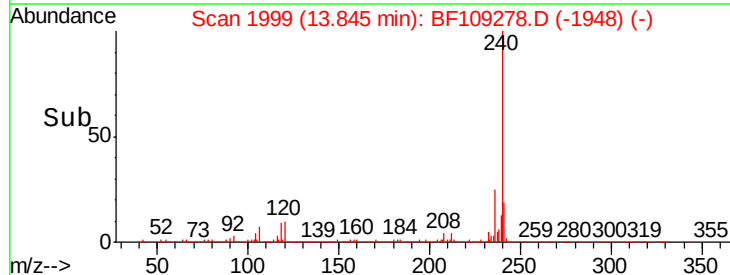
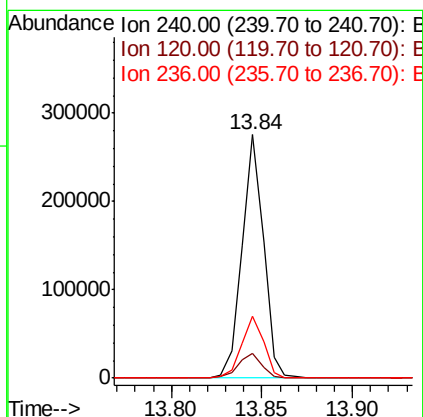
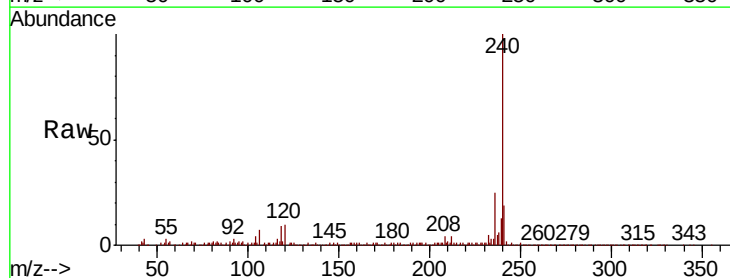
Instrument :
BNA_F
ClientSampleId :
JC-02-092118-J

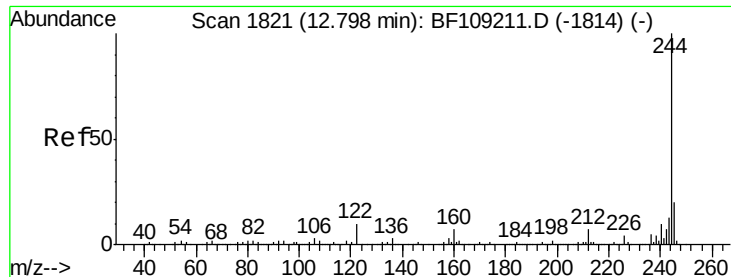
Tgt Ion:188 Resp: 300876
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 8.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109278.D
Acq: 24 Sep 2018 19:55

Tgt Ion:240 Resp: 225695
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 28.716 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109278.D

Acq: 24 Sep 2018 19:55

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-J

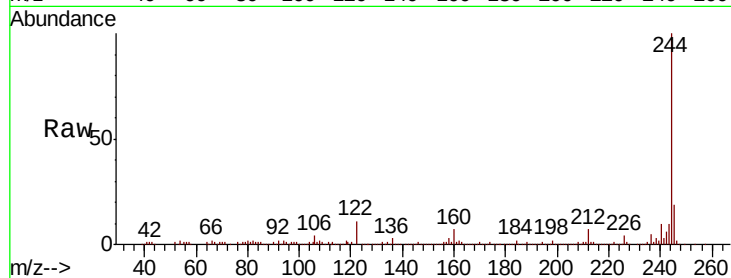
Tgt Ion:244 Resp: 264082

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

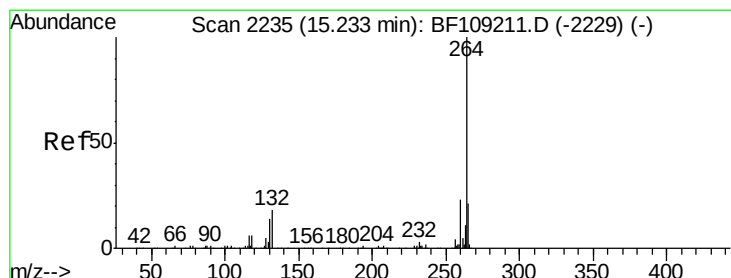
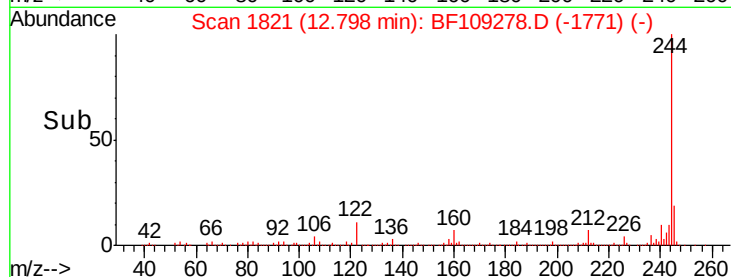
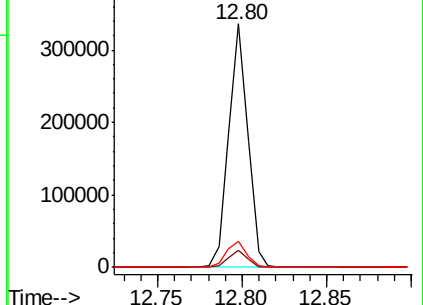
122 10.9 11.0 16.4#



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: 15.25 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BF109278.D

Acq: 24 Sep 2018 19:55

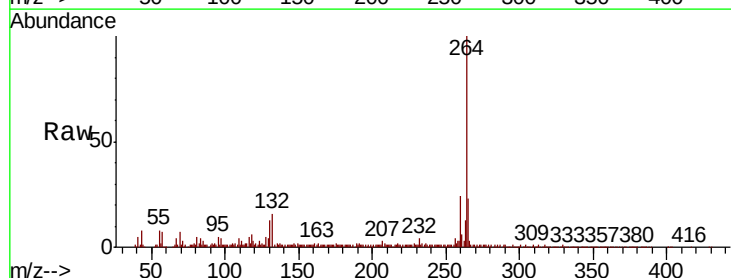
Tgt Ion:264 Resp: 160988

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 23.3 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

