

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108120.D
 Acq On : 13 Aug 2018 17:05
 Operator : JU/SJ
 Sample : J4274-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-080918

Quant Time: Aug 14 01:26:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

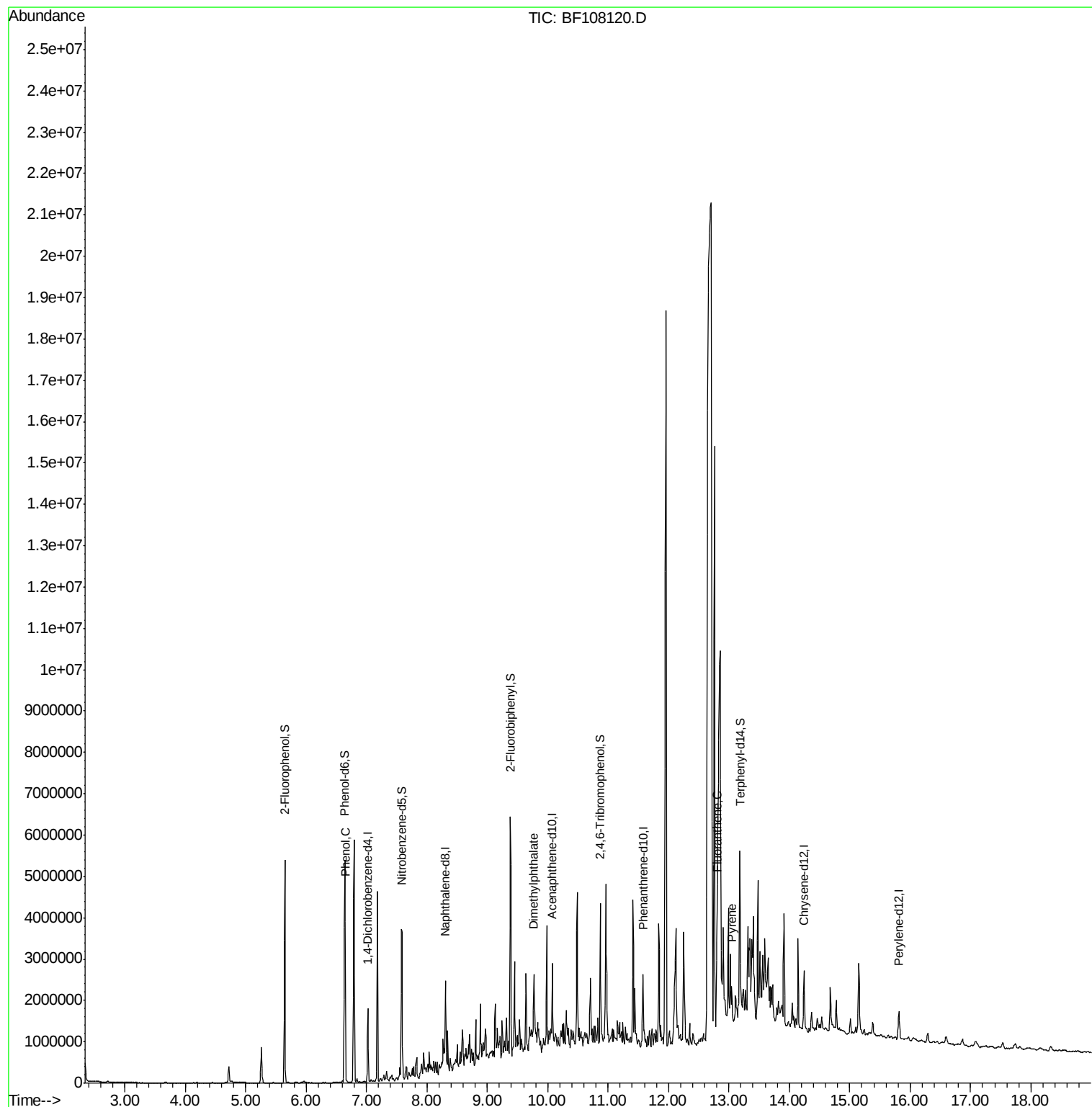
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	227675	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	783109	20.00	ng	0.00
38) Acenaphthene-d10	10.08	164	341871	20.00	ng	0.01
63) Phenanthrene-d10	11.58	188	593899	20.00	ng	0.02
75) Chrysene-d12	14.24	240	433441	20.00	ng	0.02
86) Perylene-d12	15.82	264	293873	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1354589	107.72	ng	0.02
7) Phenol-d6	6.64	99	1818312	108.81	ng	0.01
23) Nitrobenzene-d5	7.58	82	1144376	81.54	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	380454	111.57	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	1749600	82.16	ng	0.00
78) Terphenyl-d14	13.18	244	1432730	84.04	ng	0.04
Target Compounds						
10) Phenol	6.65	94	60179	3.481	ng	93
49) Dimethylphthalate	9.77	163	191521	8.042	ng	# 98
74) Fluoranthene	12.80	202	66047	2.160	ng	90
77) Pyrene	13.04	202	80176	2.922	ng	98

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

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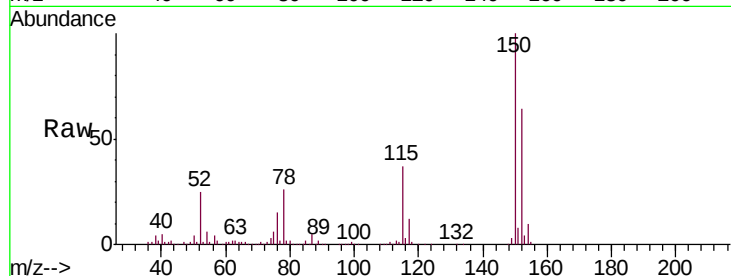


#1

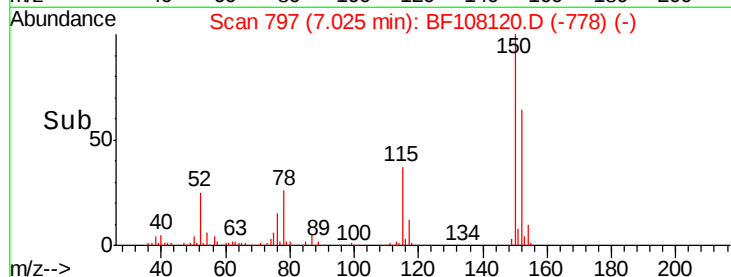
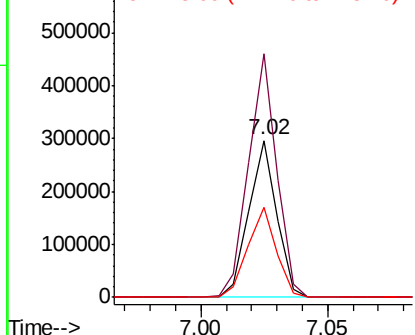
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:152 Resp: 227675
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 57.7 50.1 75.1



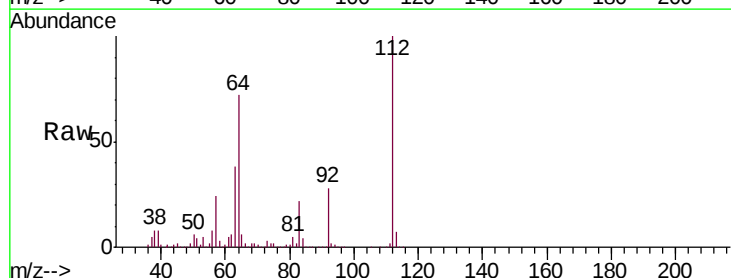
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



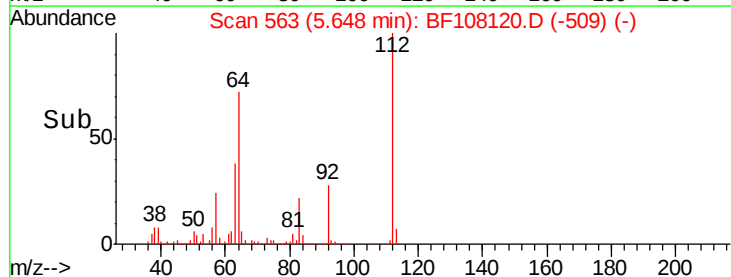
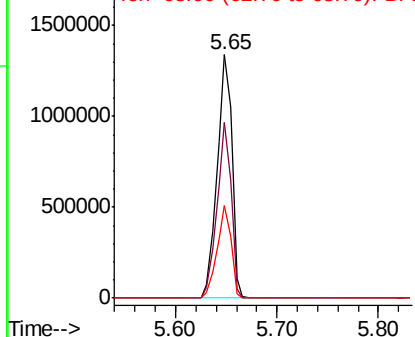
#5

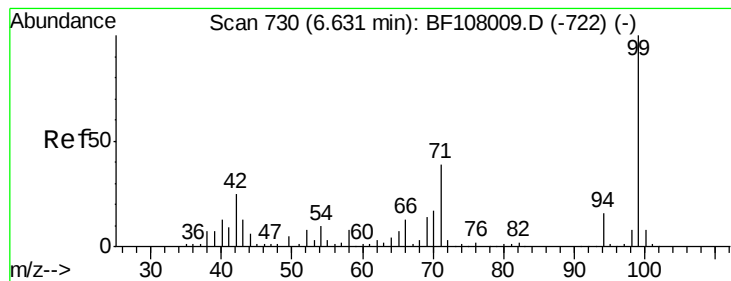
2-Fluorophenol
Concen: 107.716 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Tgt Ion:112 Resp: 1354589
Ion Ratio Lower Upper
112 100
64 72.2 47.9 71.9#
63 37.9 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: 108.808 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108120.D

Acq: 13 Aug 2018 17:05

Instrument :

BNA_F

ClientSampleId :

HD-01-080918

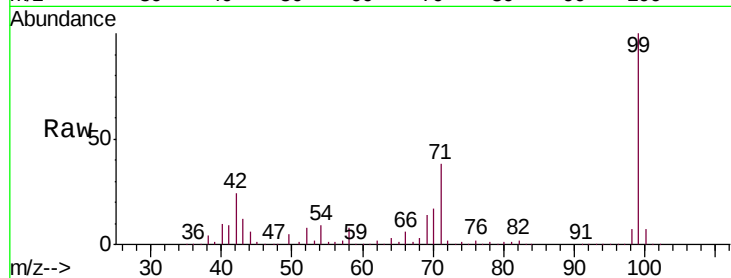
Tgt Ion: 99 Resp: 1818312

Ion Ratio Lower Upper

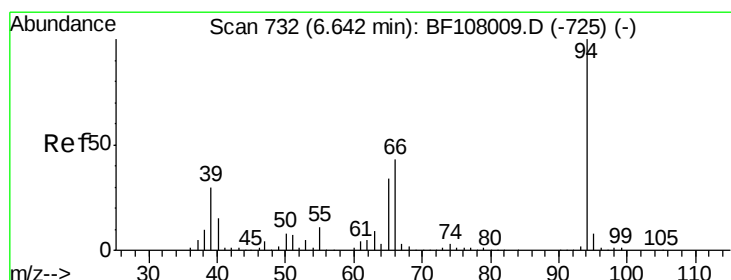
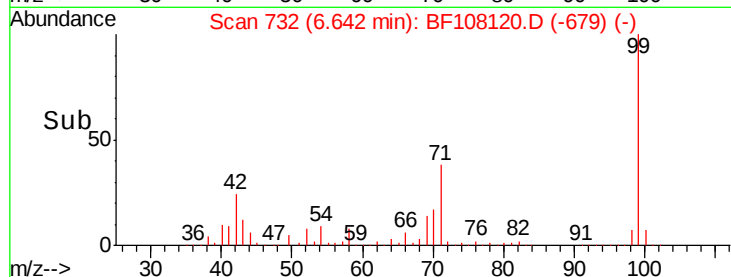
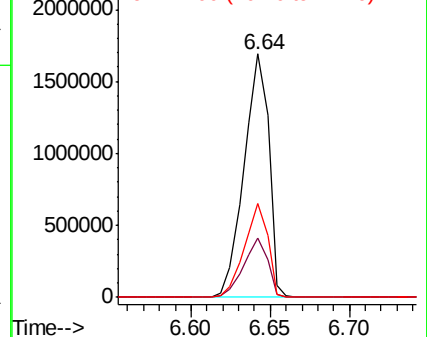
99 100

42 24.4 14.5 21.7#

71 38.3 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



#10

Phenol

Concen: 3.481 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108120.D

Acq: 13 Aug 2018 17:05

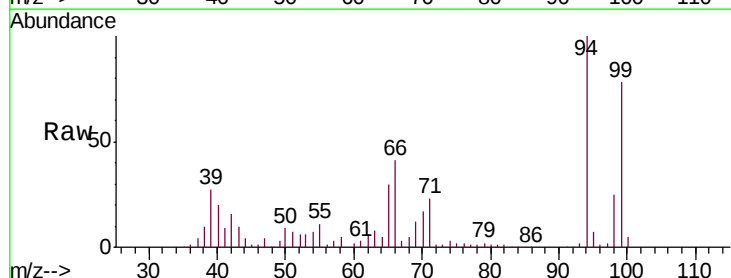
Tgt Ion: 94 Resp: 60179

Ion Ratio Lower Upper

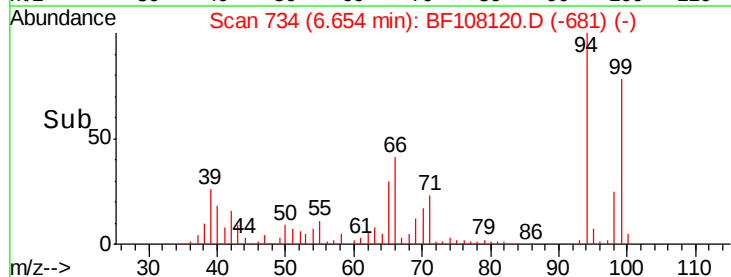
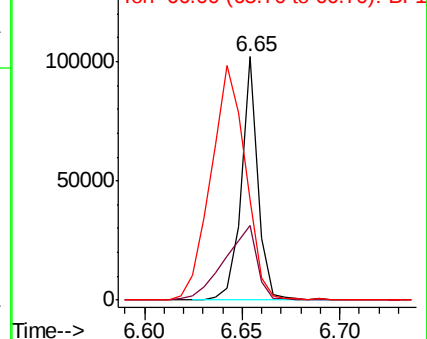
94 100

65 30.4 7.9 47.9

66 41.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

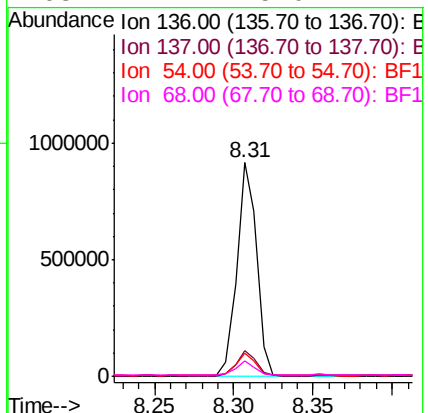
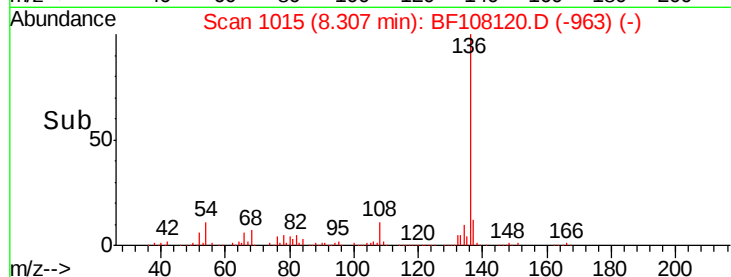
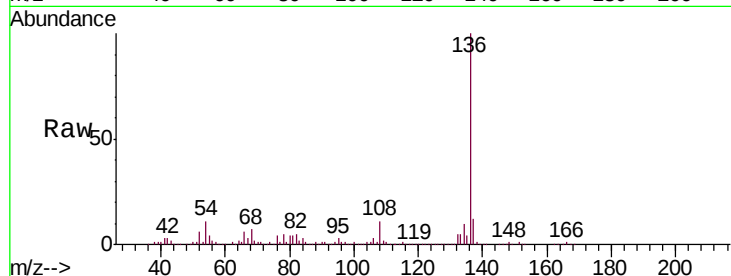




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

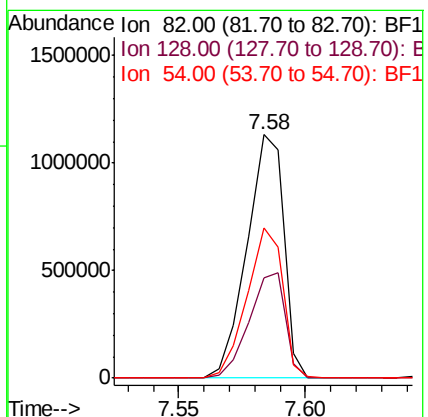
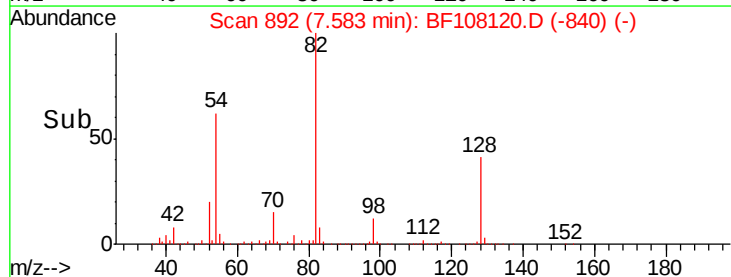
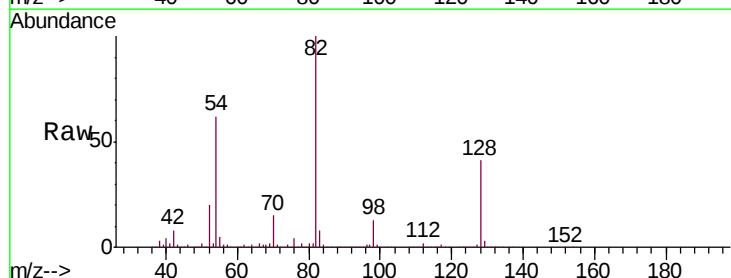
Instrument :
BNA_F
ClientSampleId :
HD-01-080918

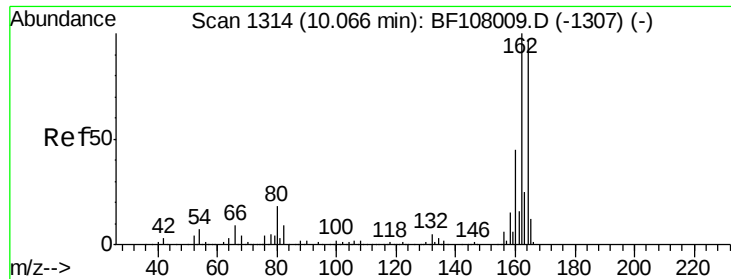
Tgt Ion:	136	Resp:	783109
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	11.1	6.6	9.8#
68	7.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 81.544 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Tgt Ion:	82	Resp:	1144376
Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	61.7	41.4	62.2

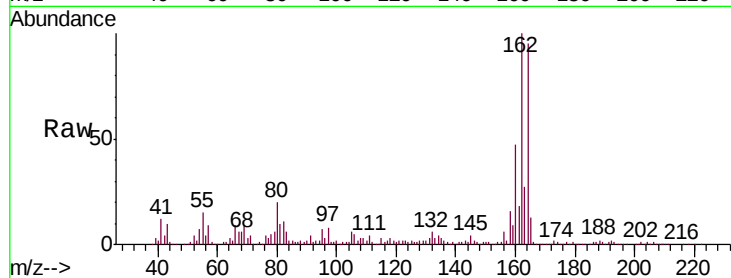




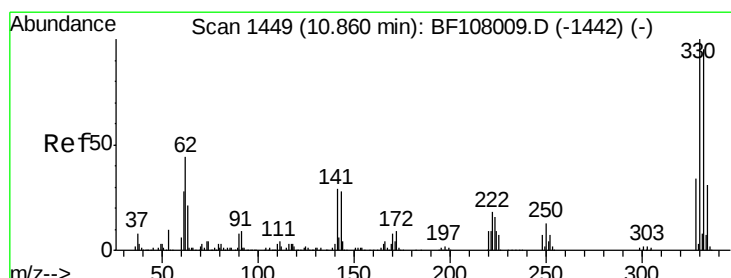
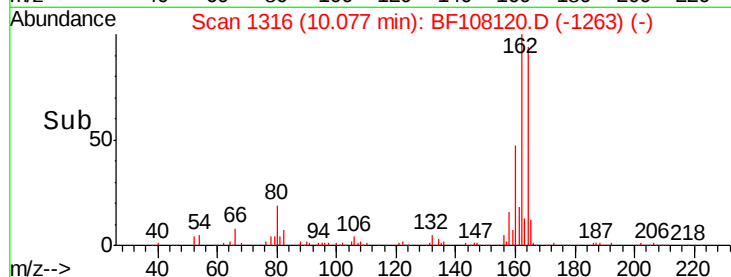
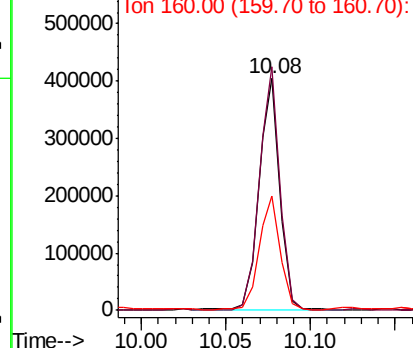
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:164 Resp: 341871
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 49.1 38.3 57.5

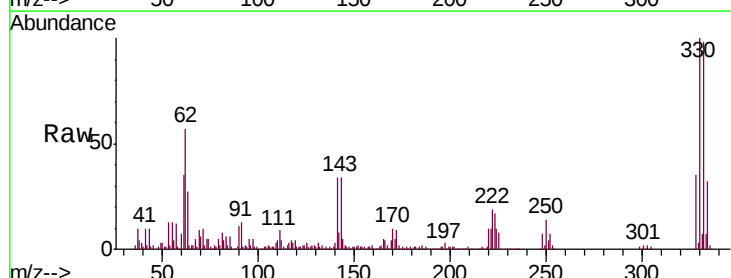


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

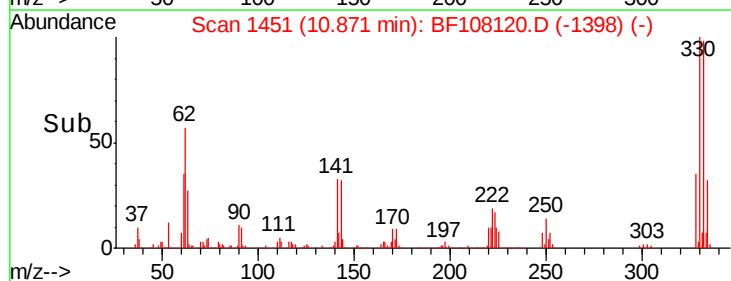
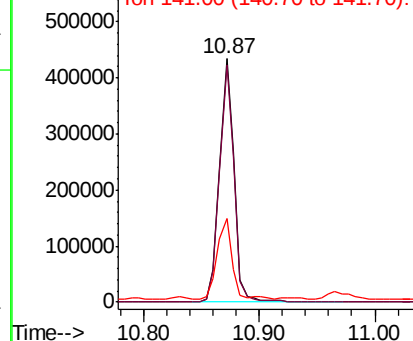


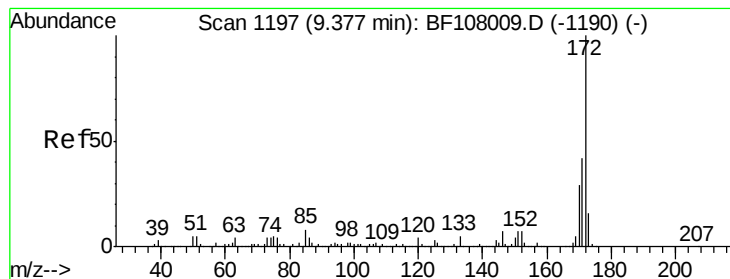
#41
2,4,6-Tribromophenol
Concen: 111.568 ng
RT: 10.87 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Tgt Ion:330 Resp: 380454
Ion Ratio Lower Upper
330 100
332 97.3 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: 82.163 ng

RT: 9.38 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF108120.D

Acq: 13 Aug 2018 17:05

Instrument :

BNA_F

ClientSampleId :

HD-01-080918

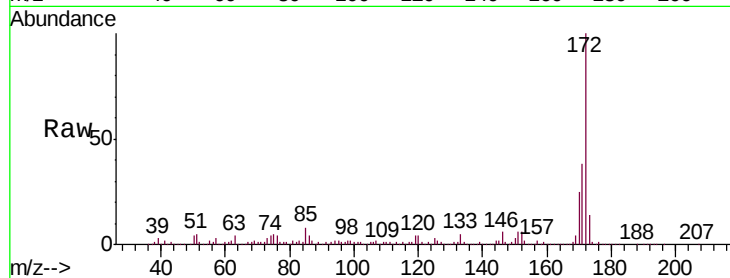
Tgt Ion:172 Resp: 1749600

Ion Ratio Lower Upper

172 100

171 38.1 29.7 44.5

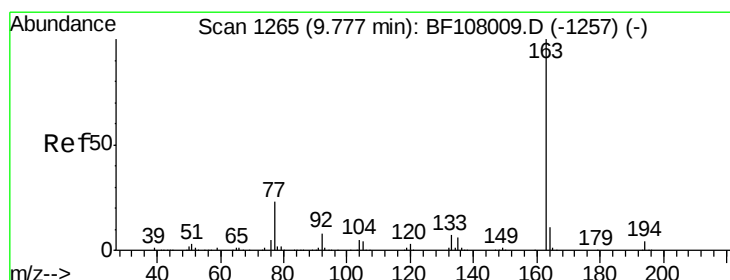
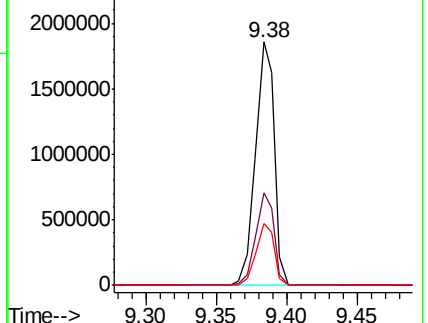
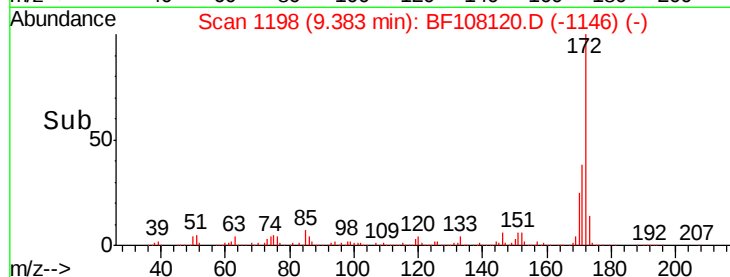
170 25.5 19.6 29.4



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: 8.042 ng

RT: 9.77 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF108120.D

Acq: 13 Aug 2018 17:05

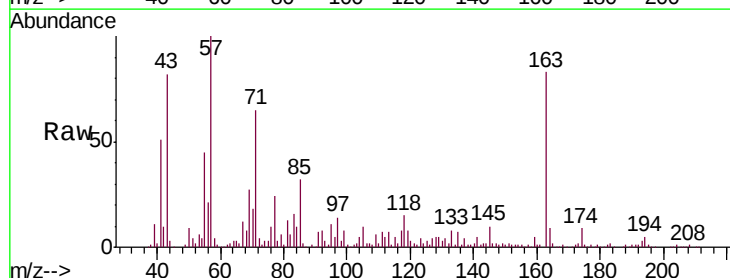
Tgt Ion:163 Resp: 191521

Ion Ratio Lower Upper

163 100

194 5.5 2.7 4.1#

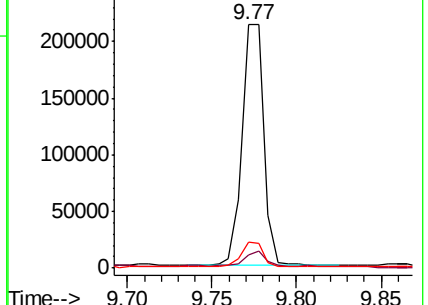
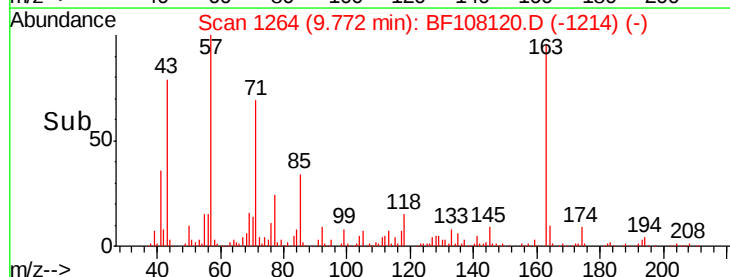
164 10.5 8.2 12.2

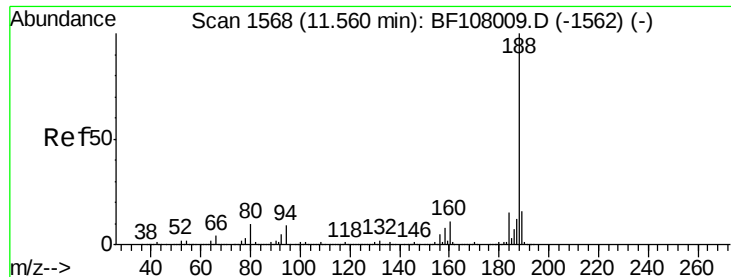


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

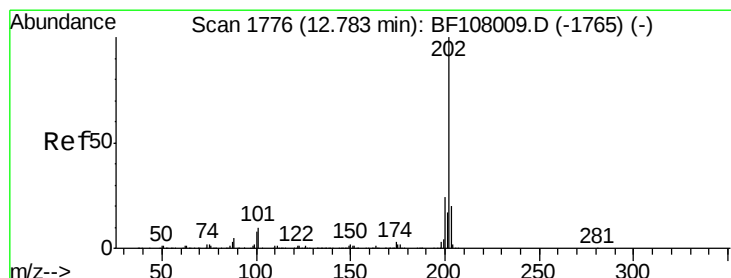
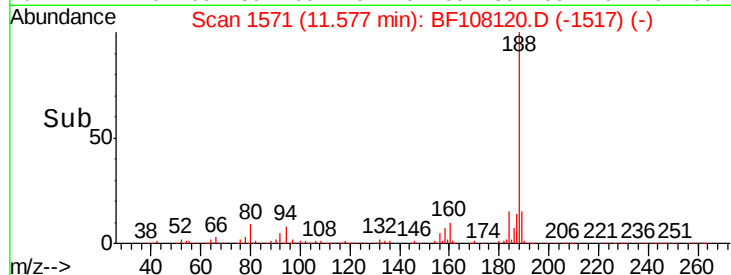
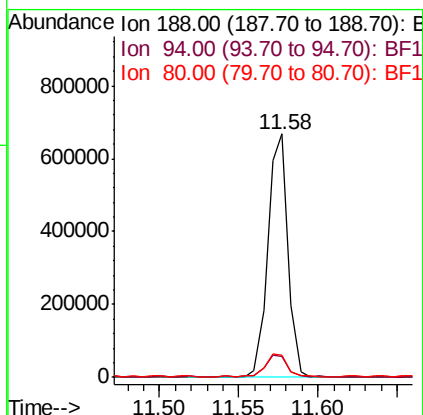
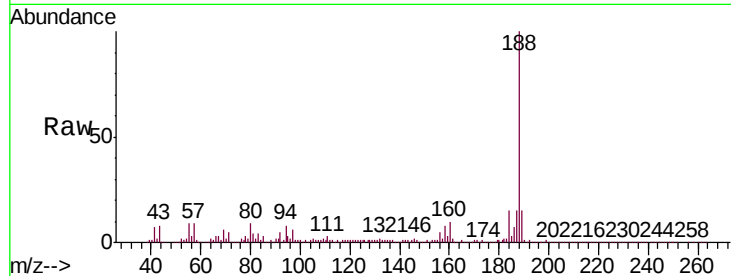




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

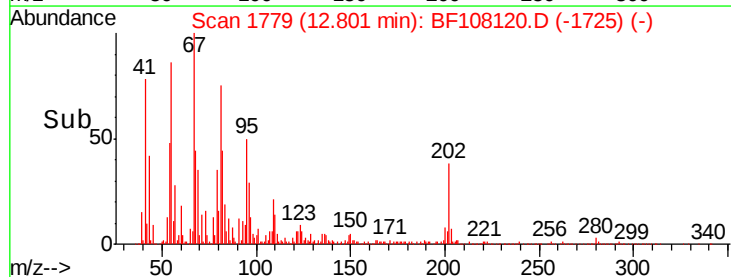
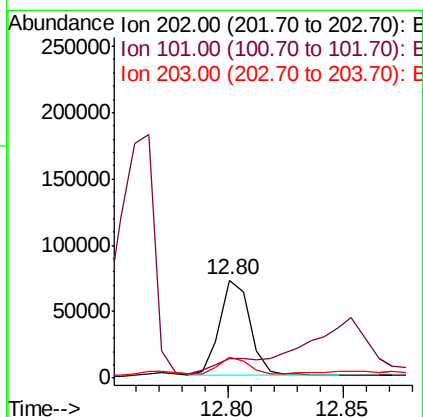
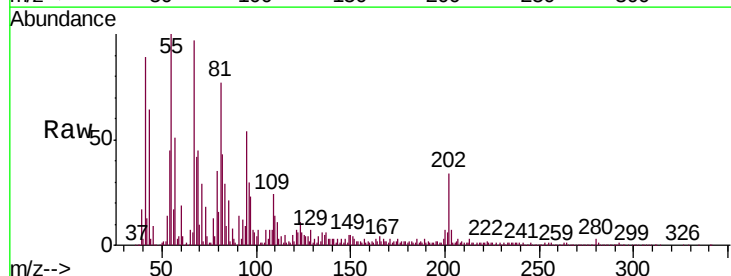
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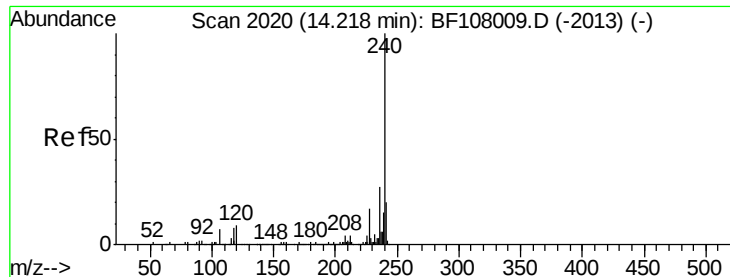
Tgt Ion:188 Resp: 593899
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.1 9.2 13.8#



#74
Fluoranthene
Concen: 2.160 ng
RT: 12.80 min Scan# 1779
Delta R.T. 0.02 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Tgt Ion:202 Resp: 66047
Ion Ratio Lower Upper
202 100
101 19.6 0.0 34.1
203 21.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.24 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BF108120.D

Acq: 13 Aug 2018 17:05

Instrument :

BNA_F

ClientSampleId :

HD-01-080918

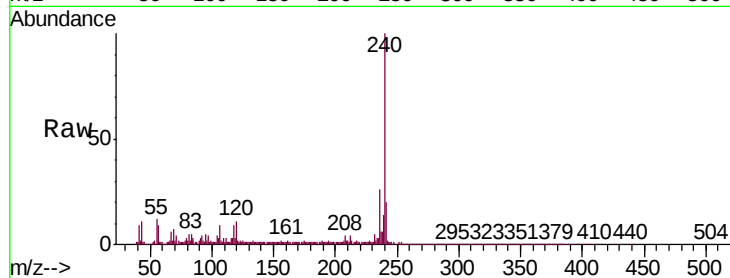
Tgt Ion:240 Resp: 433441

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

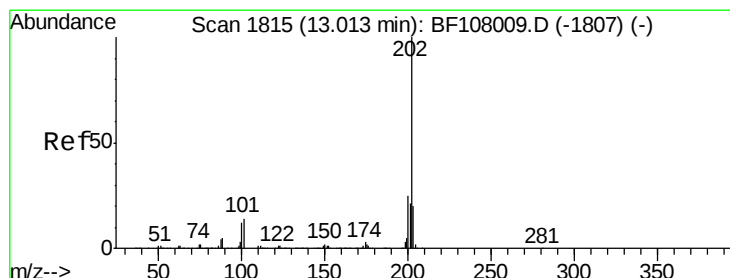
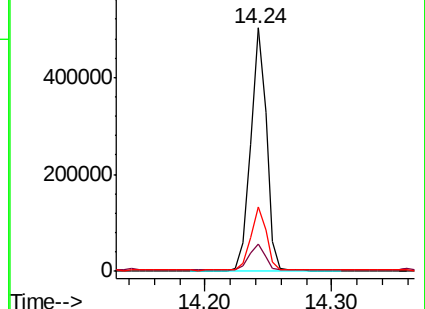
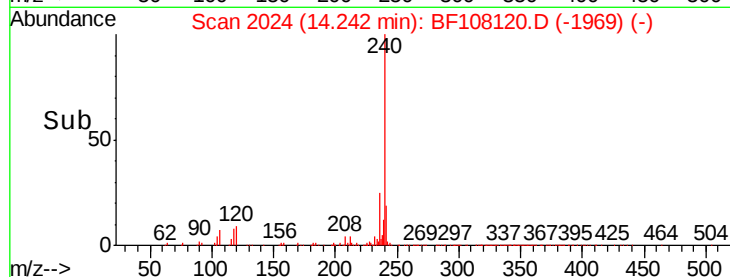
236 26.4 20.7 31.1



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



#77

Pyrene

Concen: 2.922 ng

RT: 13.04 min Scan# 1820

Delta R.T. 0.03 min

Lab File: BF108120.D

Acq: 13 Aug 2018 17:05

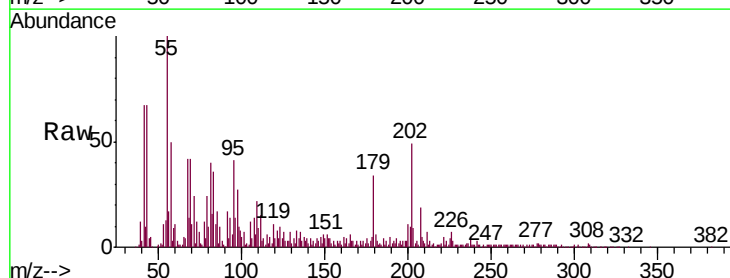
Tgt Ion:202 Resp: 80176

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

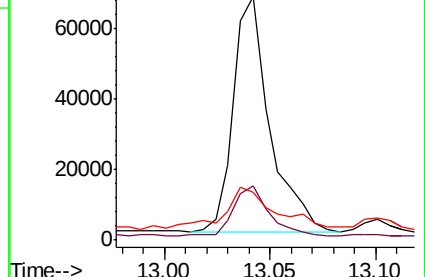
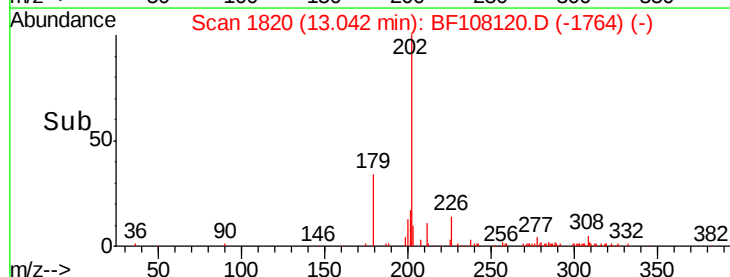
203 19.4 14.3 21.5

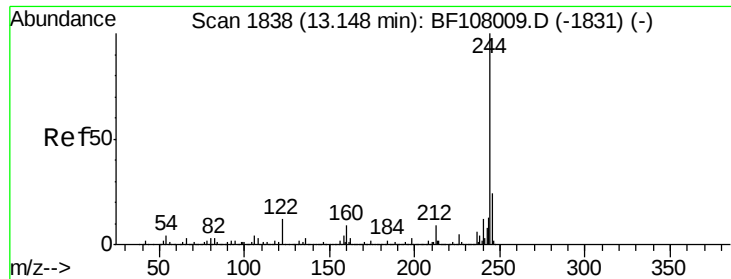


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 84.044 ng

RT: 13.18 min Scan# 1844

Delta R.T. 0.04 min

Lab File: BF108120.D

Acq: 13 Aug 2018 17:05

Instrument :

BNA_F

ClientSampleId :

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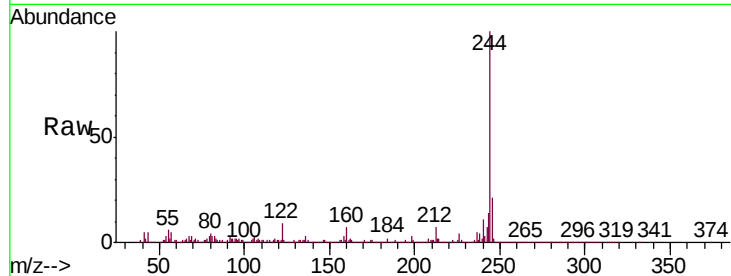
Tgt Ion:244 Resp: 1432730

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

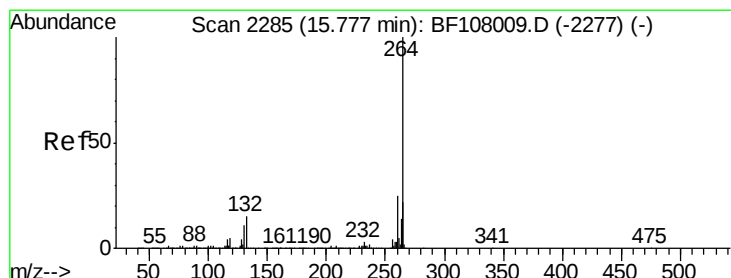
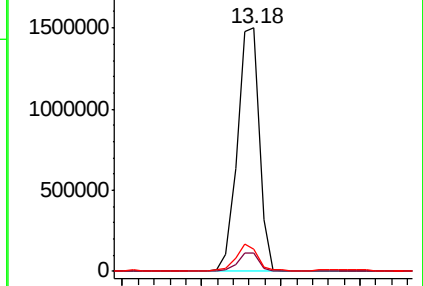
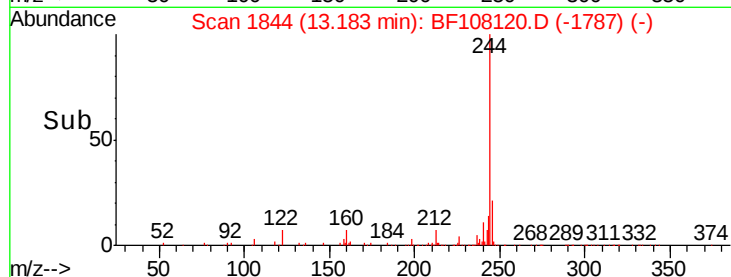
122 9.1 11.0 16.4#



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: 15.82 min Scan# 2292

Delta R.T. 0.04 min

Lab File: BF108120.D

Acq: 13 Aug 2018 17:05

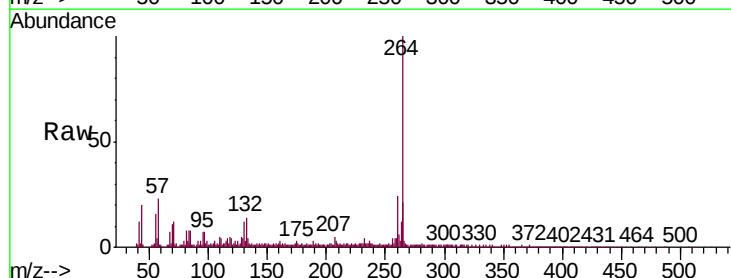
Tgt Ion:264 Resp: 293873

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

