

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109626.D
 Acq On : 5 Oct 2018 23:24
 Operator : JU/SJ
 Sample : J5263-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID16-COMP-100318

Quant Time: Oct 06 06:56:07 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

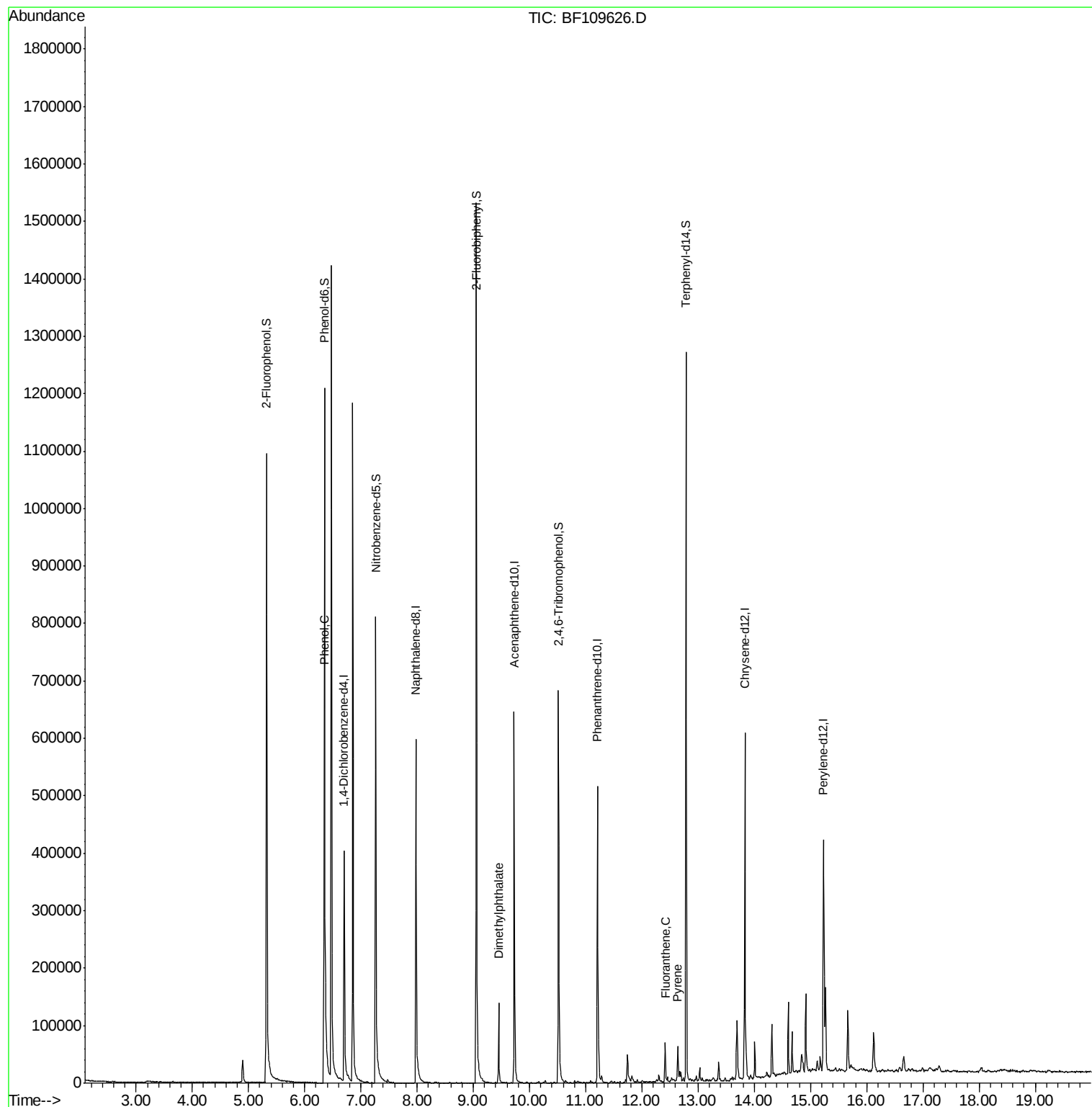
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	80984	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	326132	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	141539	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	232344	20.00	ng	0.00
75) Chrysene-d12	13.83	240	204862	20.00	ng	-0.01
86) Perylene-d12	15.23	264	199282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	367586	74.76	ng	0.00
7) Phenol-d6	6.35	99	506868	80.79	ng	0.00
23) Nitrobenzene-d5	7.26	82	331244	59.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	101194	72.53	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	535123	57.02	ng	-0.02
78) Terphenyl-d14	12.79	244	422122	50.57	ng	-0.02
Target Compounds						
10) Phenol	6.36	94	26658	3.752	ng	81
49) Dimethylphthalate	9.45	163	67260	6.534	ng	98
74) Fluoranthene	12.42	202	34172	2.756	ng	94
77) Pyrene	12.64	202	29652	2.020	ng	98

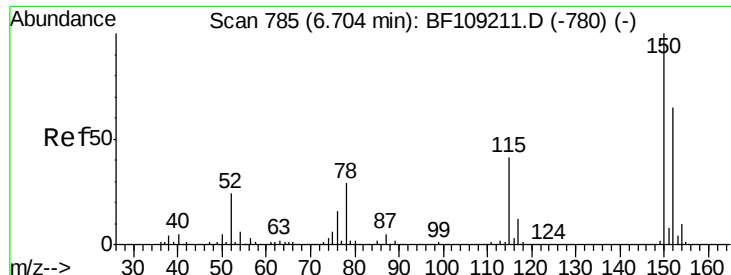
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

Instrument :

BNA_F

ClientSampleId :

GRID16-COMP-100318

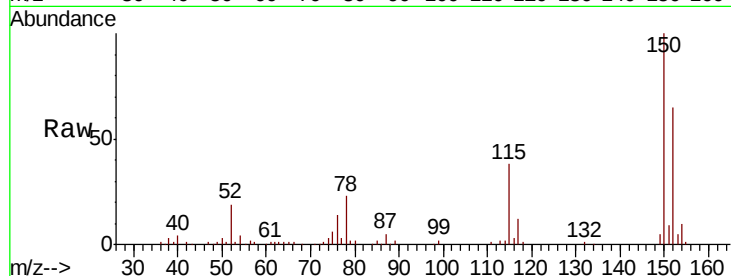
Tot Ion:152 Resp: 80984

Ion Ratio Lower Upper

152 100

150 154.7 124.6 186.8

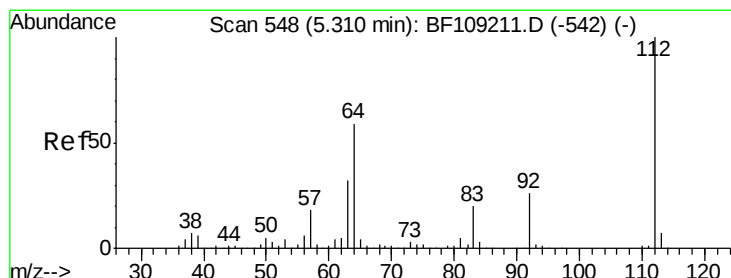
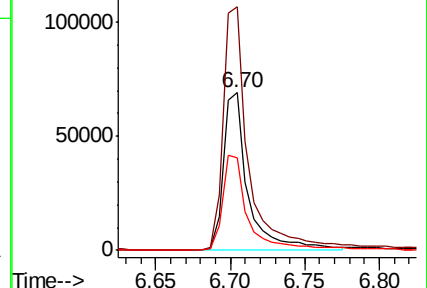
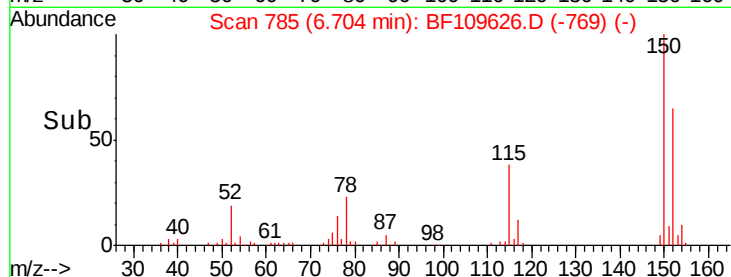
115 59.1 50.1 75.1



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: 74.761 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

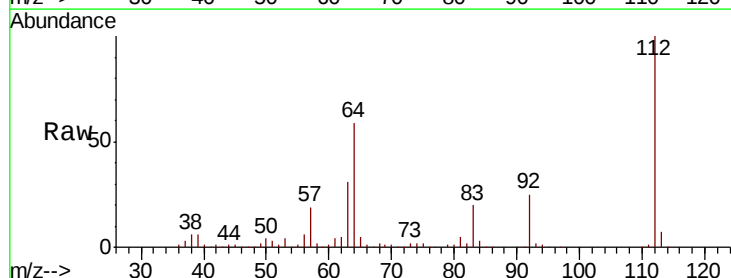
Tgt Ion:112 Resp: 367586

Ion Ratio Lower Upper

112 100

64 58.8 47.9 71.9

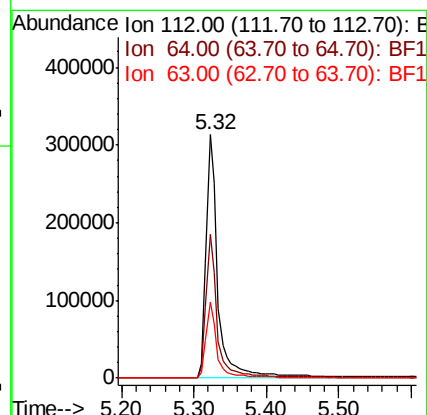
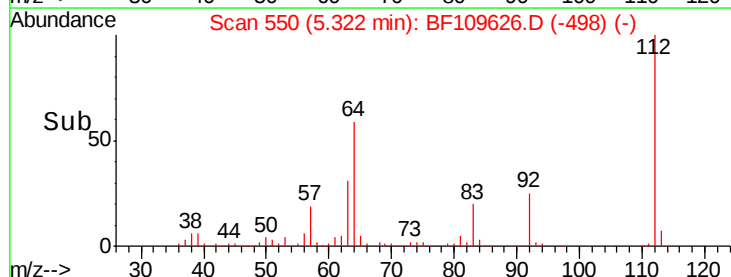
63 31.1 23.7 35.5



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: 80.788 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

Instrument :

BNA_F

ClientSampleId :

GRID16-COMP-100318

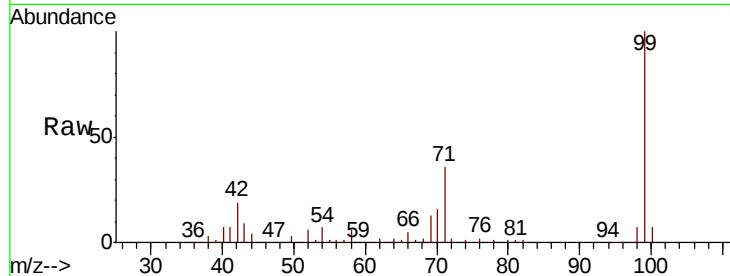
Tot Ion: 99 Resp: 506868

Ion Ratio Lower Upper

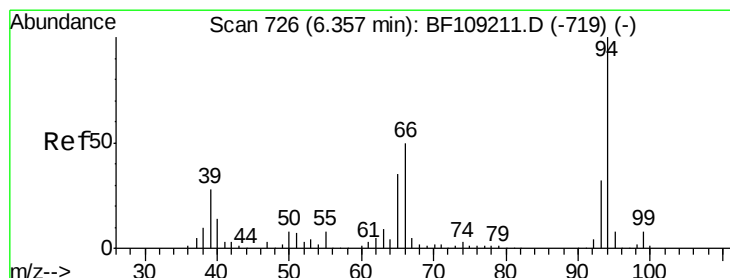
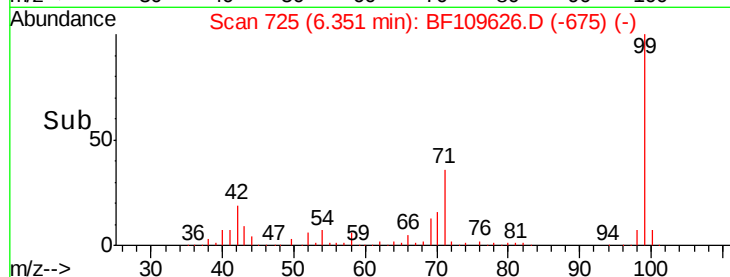
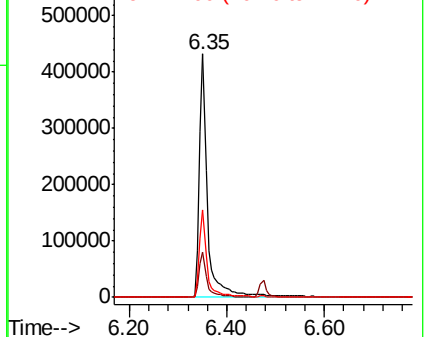
99 100

42 18.6 14.5 21.7

71 35.7 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: 3.752 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

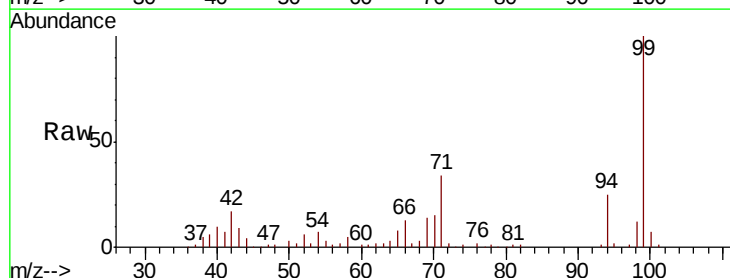
Tgt Ion: 94 Resp: 26658

Ion Ratio Lower Upper

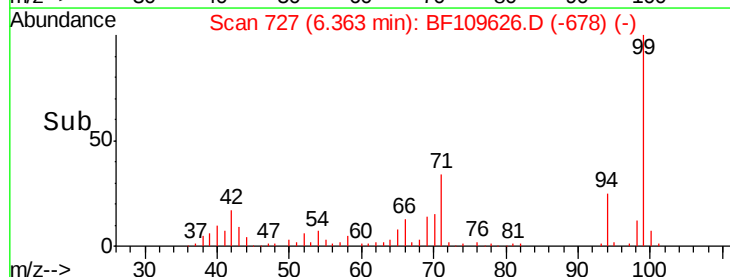
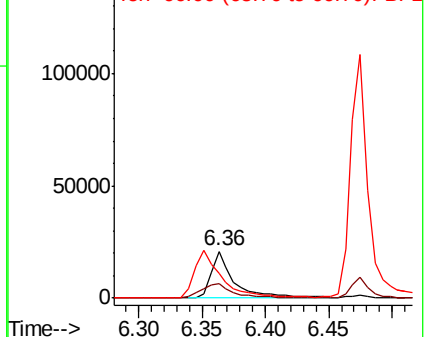
94 100

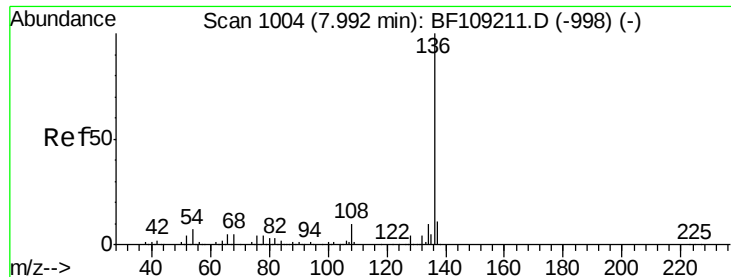
65 32.1 7.9 47.9

66 52.7 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

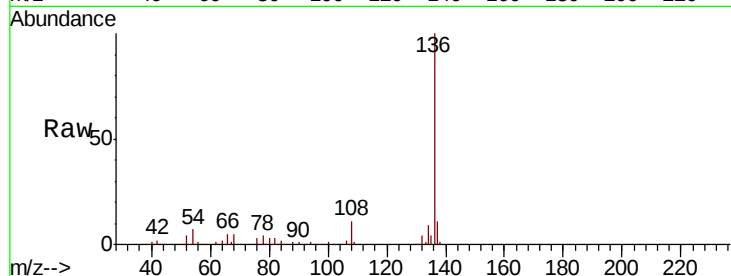




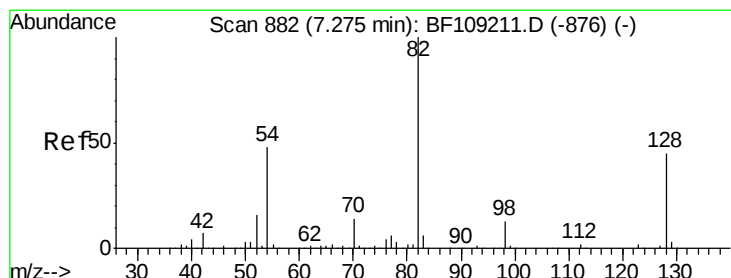
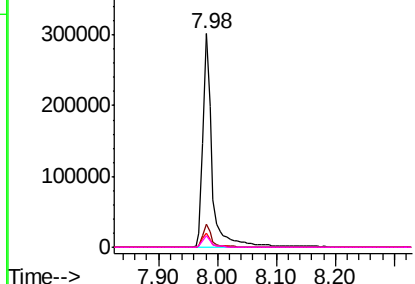
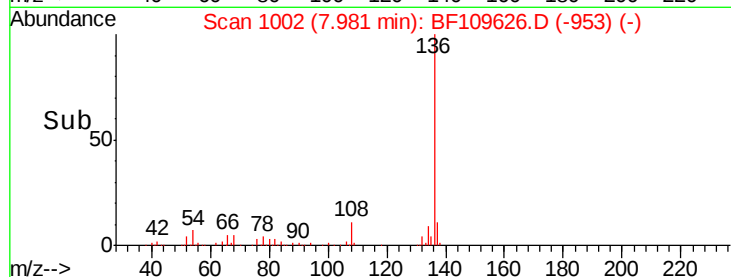
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

Instrument :
BNA_F
ClientSampleId :
GRID16-COMP-100318

Tot Ion:136	Resp:	326132
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 6.6	6.6	9.8
68 5.2	5.0	7.4

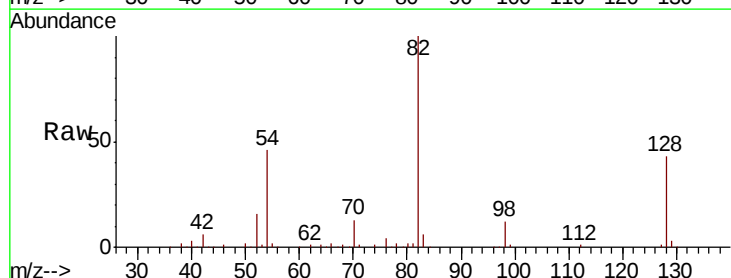


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

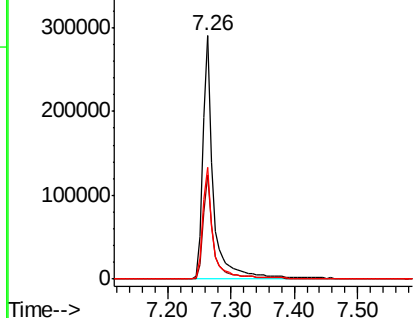
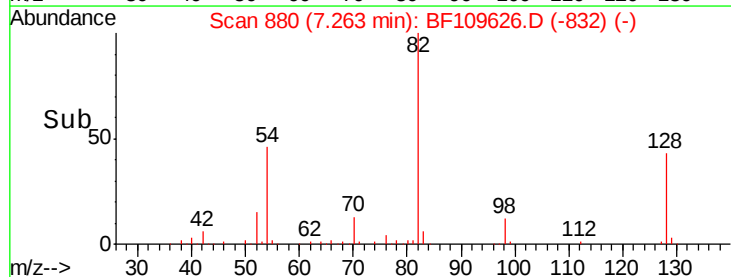


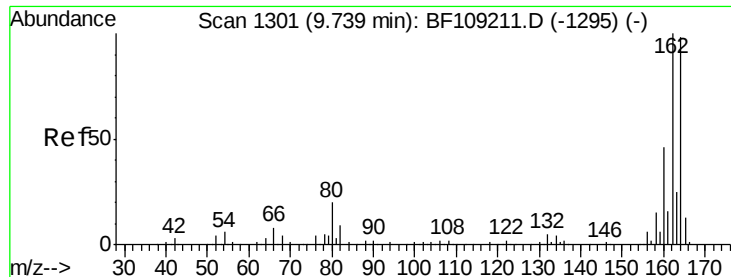
#23
Nitrobenzene-d5
Concen: 59.957 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

Tgt Ion: 82	Resp: 331244
Ion Ratio	Lower Upper
82 100	
128 42.7	36.1 54.1
54 45.9	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

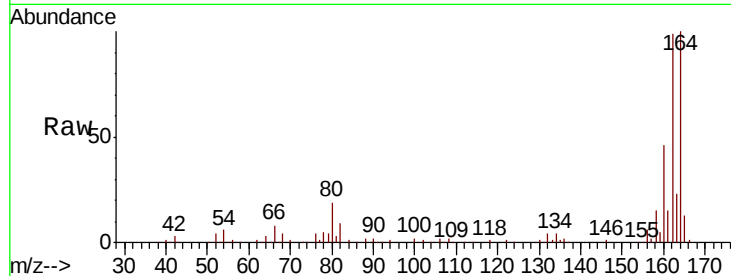




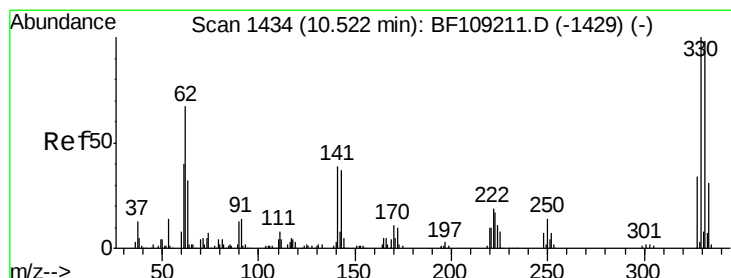
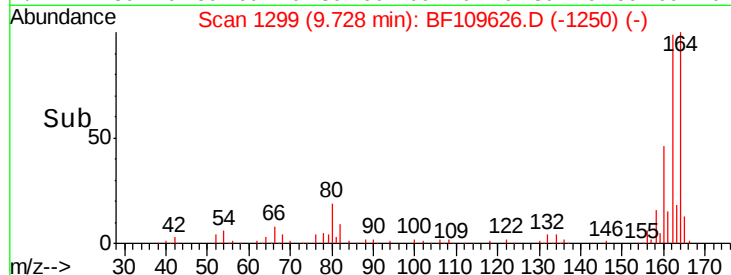
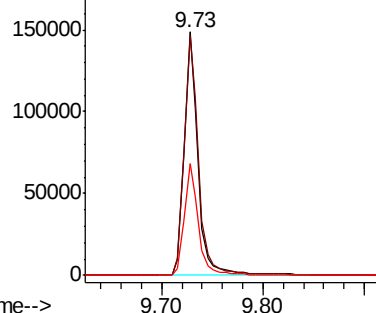
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

Instrument :
BNA_F
ClientSampleId :
GRID16-COMP-100318

Tot Ion:164 Resp: 141539
Ion Ratio Lower Upper
164 100
162 98.6 86.1 129.1
160 45.7 38.3 57.5

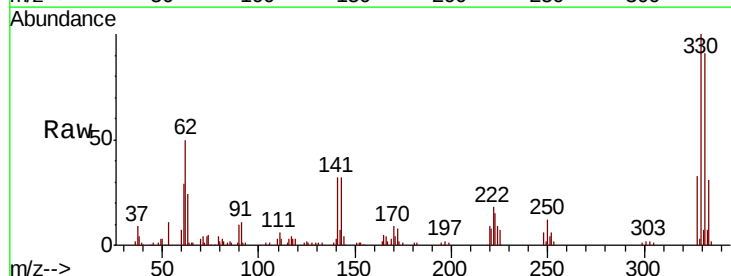


Abundance Ion 164.00 (163.70 to 164.70): E
200000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

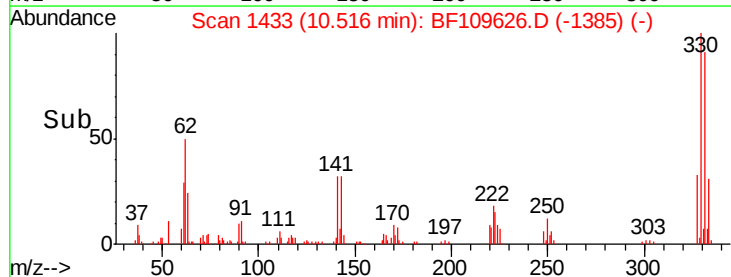
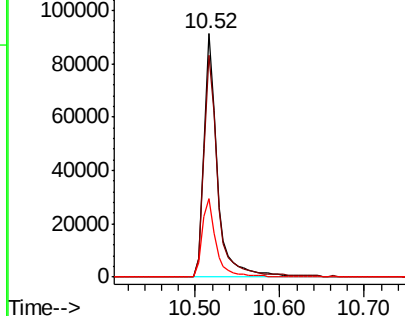


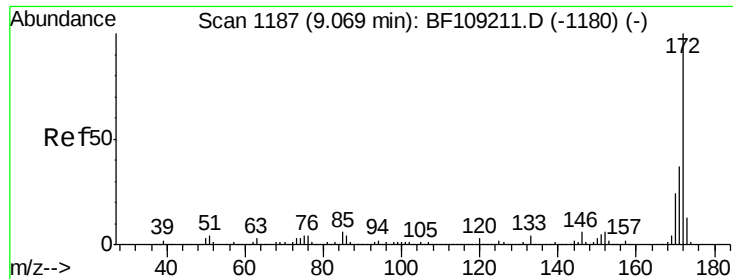
#41
2,4,6-Tribromophenol
Concen: 72.526 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

Tgt Ion:330 Resp: 101194
Ion Ratio Lower Upper
330 100
332 94.5 77.0 115.6
141 33.9 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
120000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

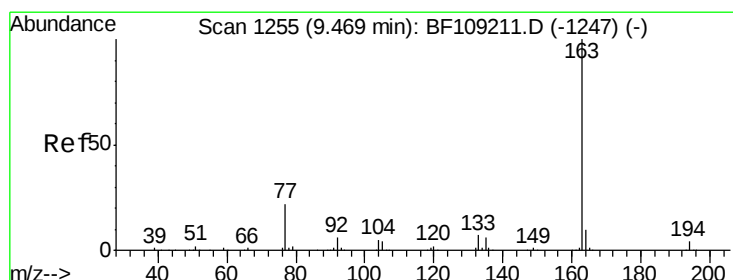
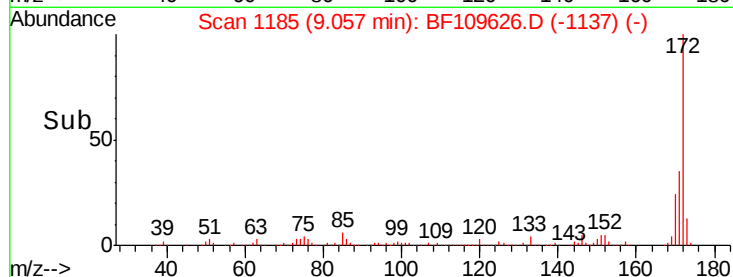
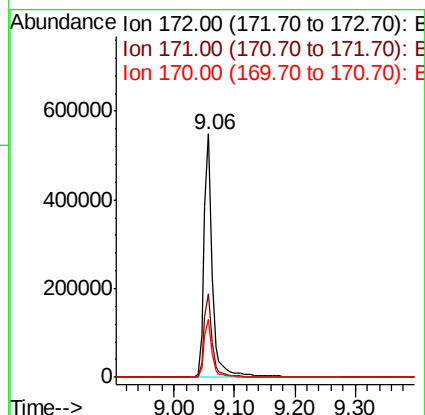
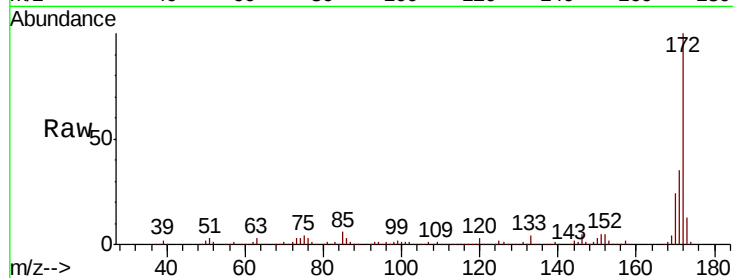




#44
2-Fluorobiphenyl
Concen: 57.021 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

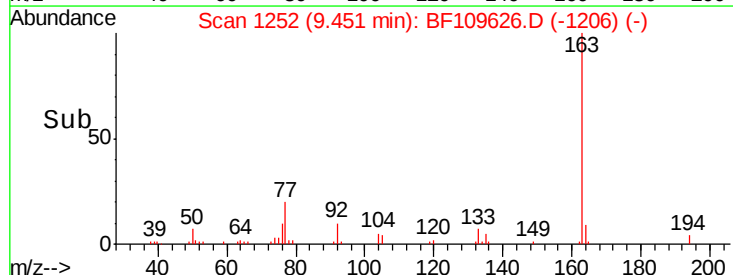
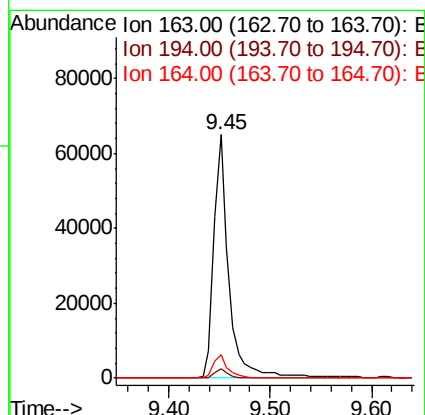
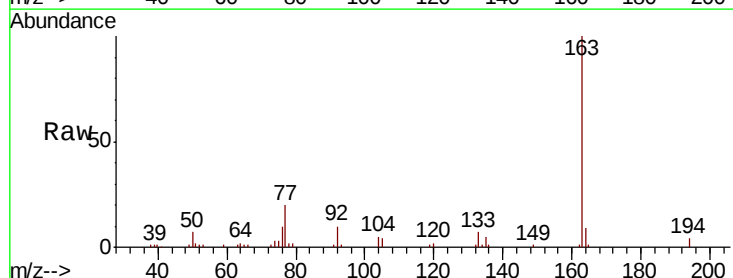
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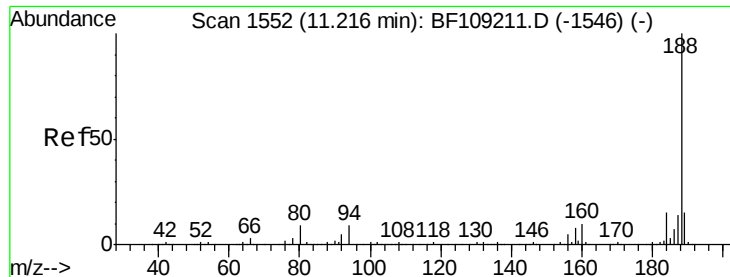
Tot Ion:172 Resp: 535123
Ion Ratio Lower Upper
172 100
171 34.5 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 6.534 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

Tgt Ion:163 Resp: 67260
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.4 8.2 12.2

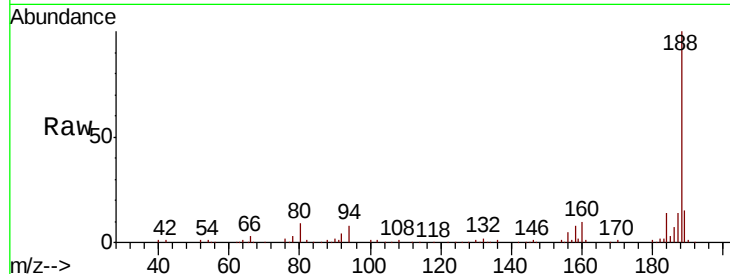




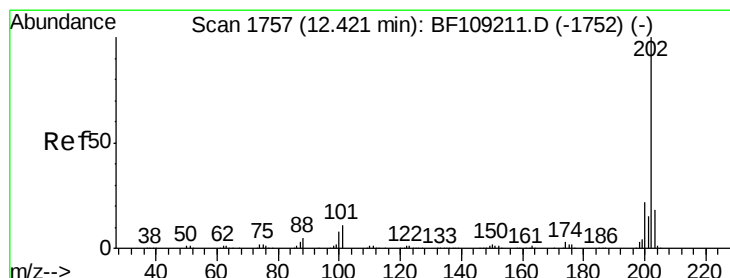
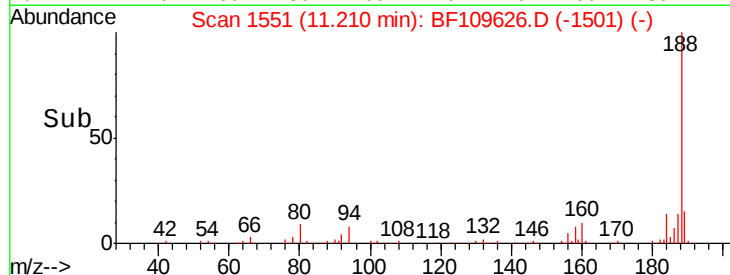
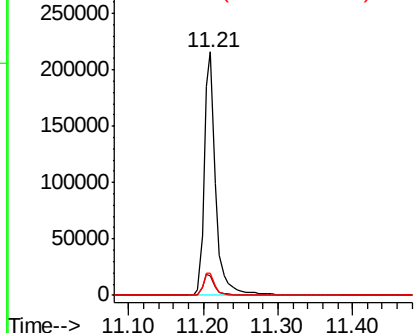
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

Instrument :
BNA_F
ClientSampleId :
GRID16-COMP-100318

Tot Ion:188 Resp: 232344
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.9 9.2 13.8#

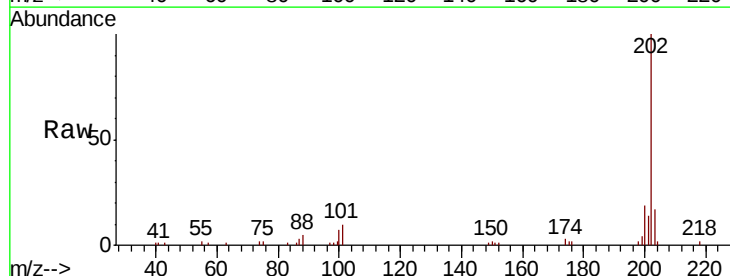


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

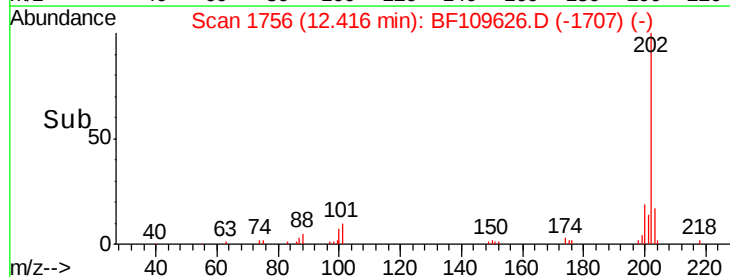
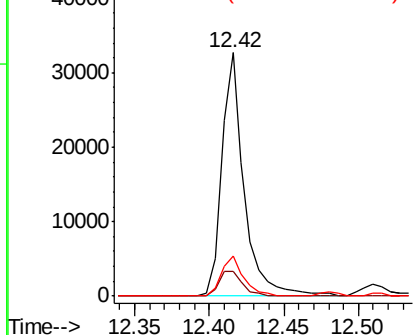


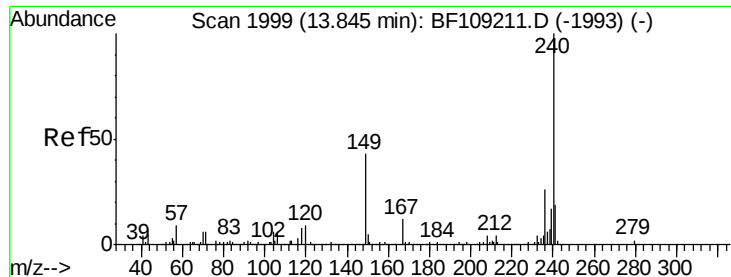
#74
Fluoranthene
Concen: 2.756 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

Tgt Ion:202 Resp: 34172
Ion Ratio Lower Upper
202 100
101 10.4 0.0 34.1
203 16.5 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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

Instrument :

BNA_F

ClientSampleId :

GRID16-COMP-100318

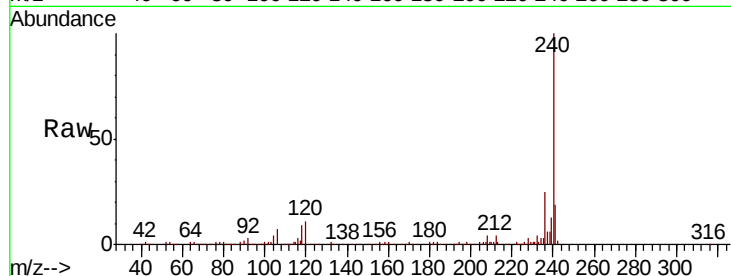
Tot Ion:240 Resp: 204862

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

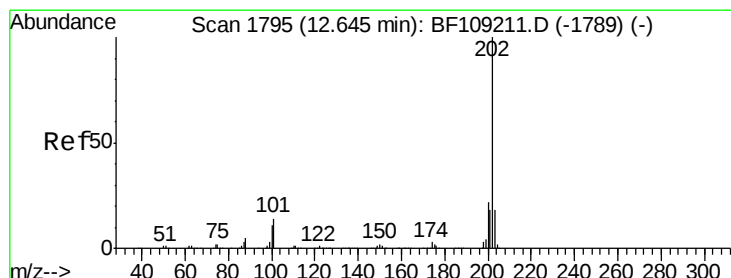
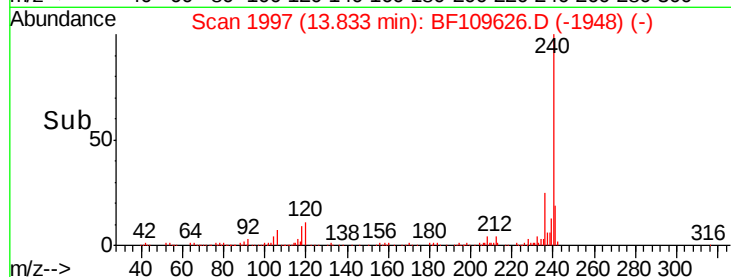
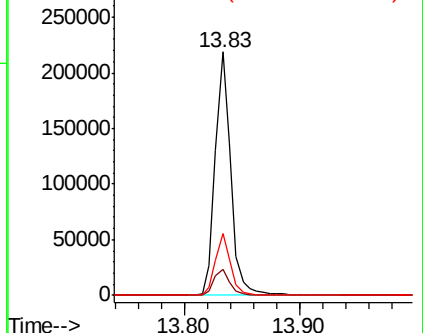
236 25.4 20.7 31.1



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: 2.020 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

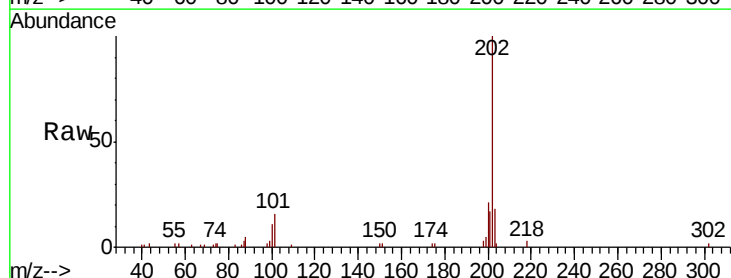
Tgt Ion:202 Resp: 29652

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

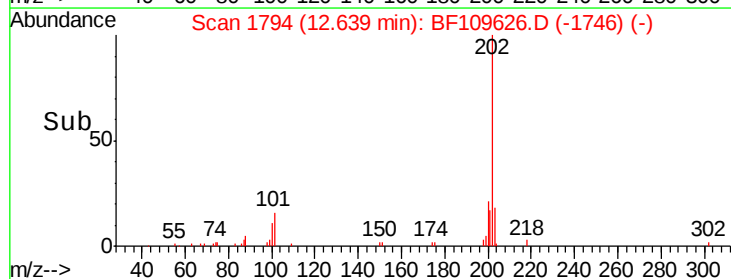
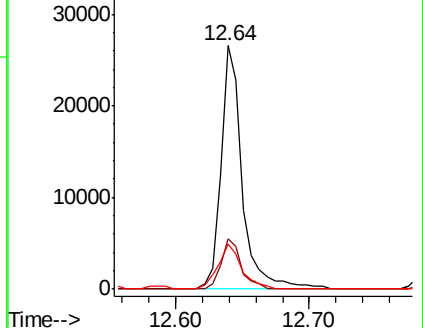
203 18.4 14.3 21.5

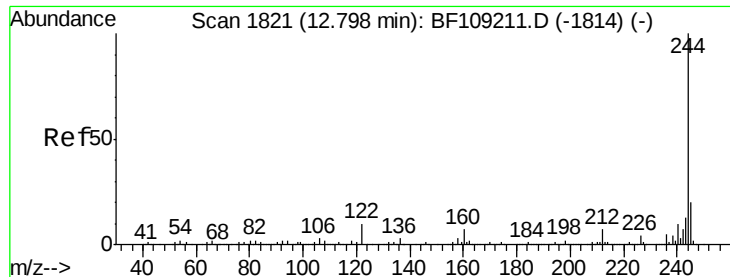


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 50.569 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

Instrument :

BNA_F

ClientSampleId :

GRID16-COMP-100318

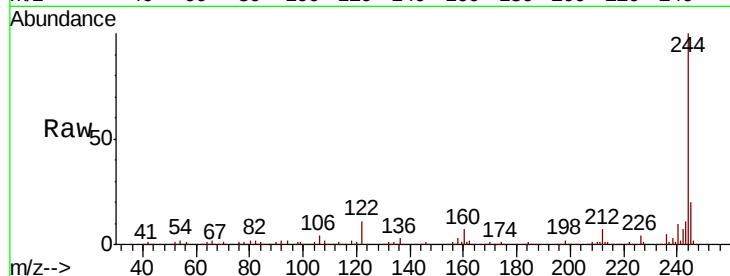
Tot Ion:244 Resp: 422122

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

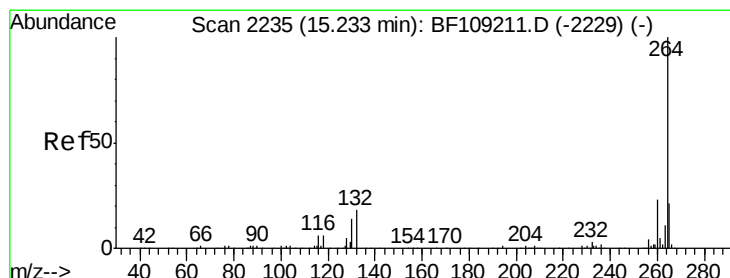
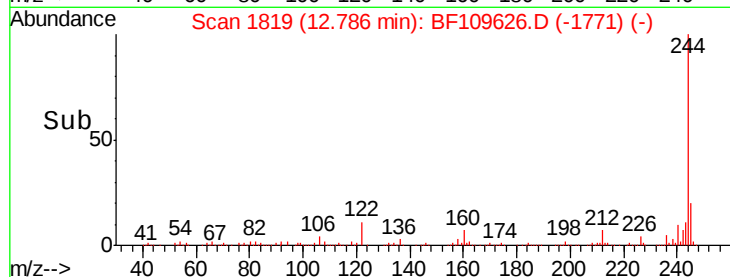
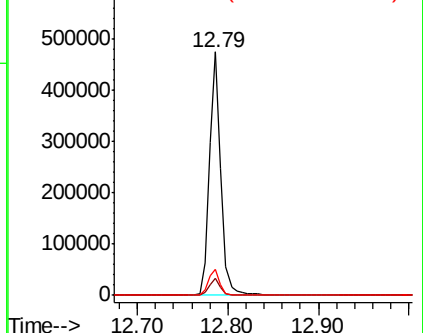
122 10.6 11.0 16.4#



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

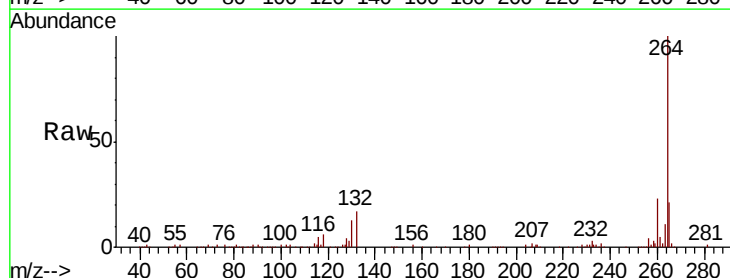
Tgt Ion:264 Resp: 199282

Ion Ratio Lower Upper

264 100

260 23.1 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

