

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114726.D
 Acq On : 1 Jun 2019 00:07
 Operator : HP/JU
 Sample : K3104-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-251-688

Quant Time: Jun 01 02:20:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

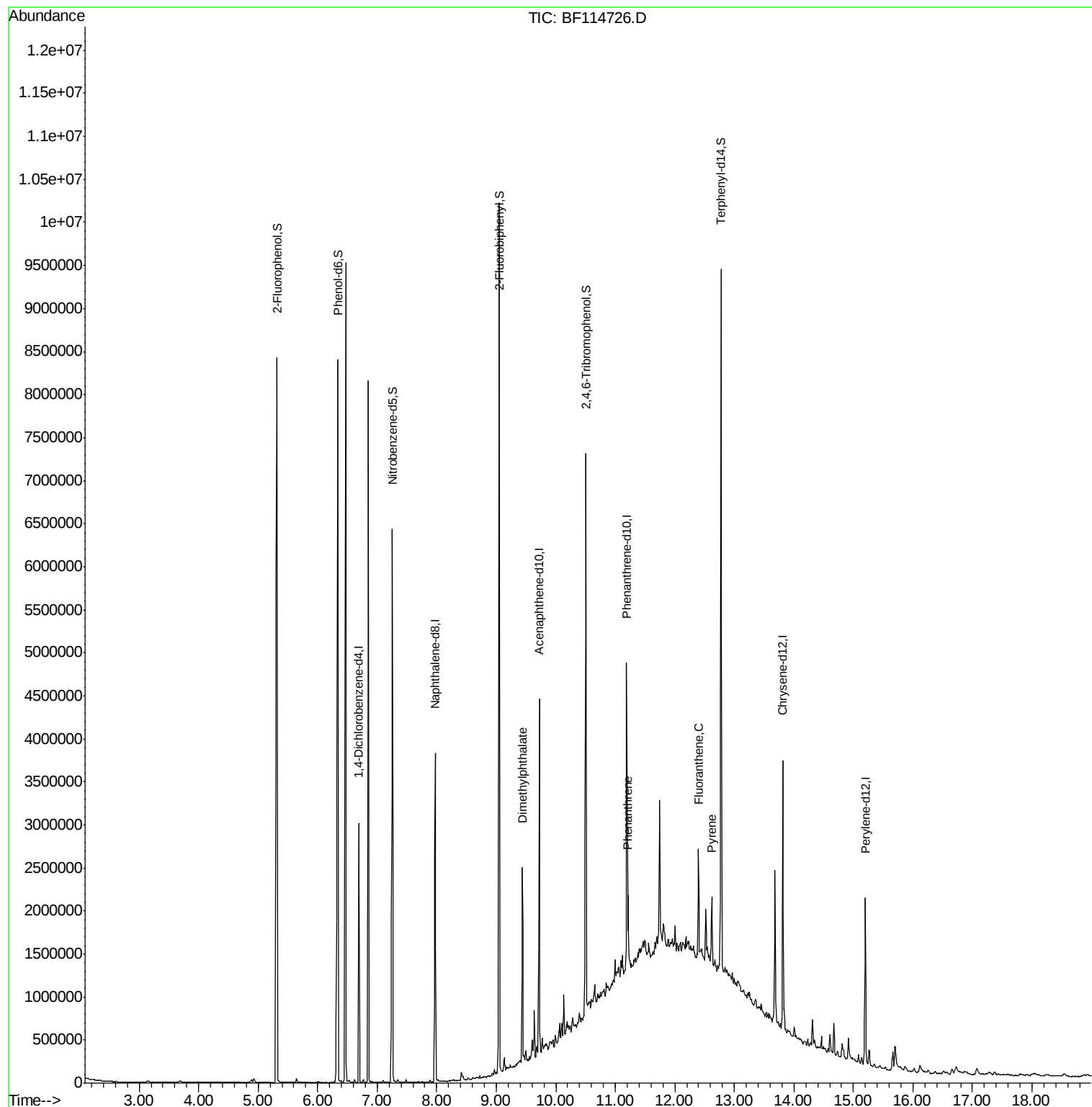
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	448500	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1680151	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	802218	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1408836	20.00	ng	0.00
76) Chrysene-d12	13.82	240	942093	20.00	ng	0.00
87) Perylene-d12	15.20	264	875654	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	3098281	121.29	ng	0.02
7) Phenol-d6	6.34	99	3777444	122.71	ng	0.01
23) Nitrobenzene-d5	7.26	82	2433973	90.38	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	1013501	132.59	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3523186	81.92	ng	0.00
79) Terphenyl-d14	12.78	244	3101610	61.90	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.44	163	832159	14.887	ng	100
71) Phenanthrene	11.22	178	288854	4.019	ng	97
75) Fluoranthene	12.40	202	478446	6.429	ng	97
78) Pyrene	12.62	202	316662	3.973	ng	98

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

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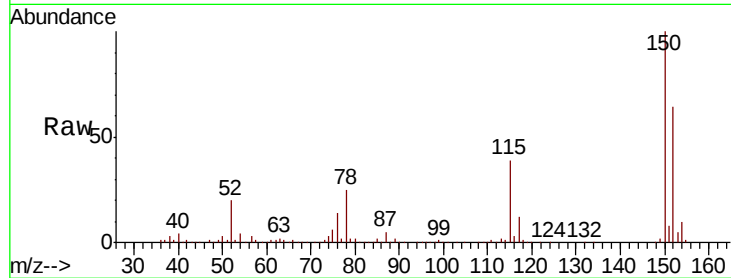


#1

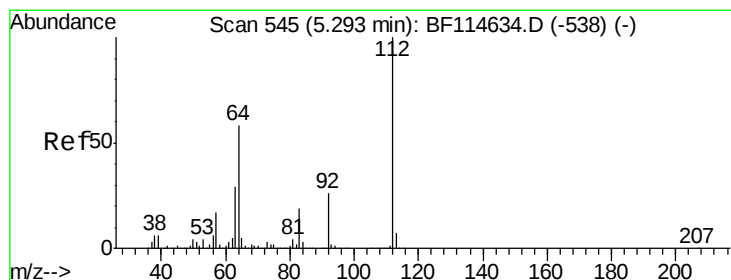
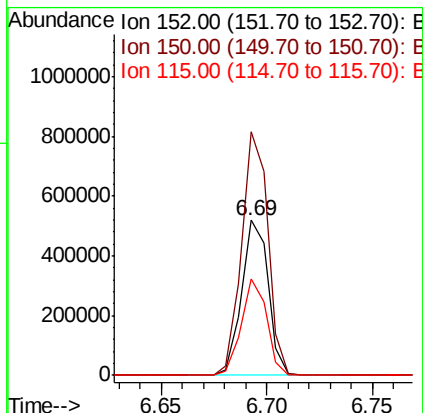
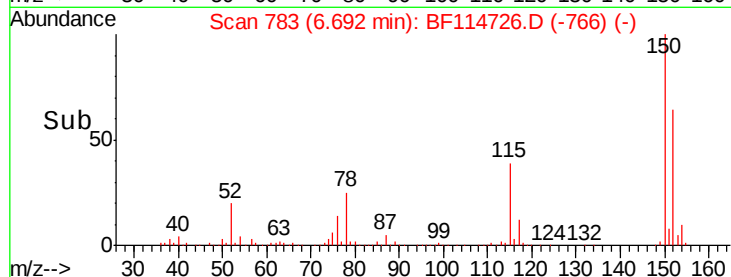
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF114726.D
 Acq: 1 Jun 2019 00:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-251-688

Tot Ion:152 Resp: 448500
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.4 186.6
 115 61.9 48.7 73.1



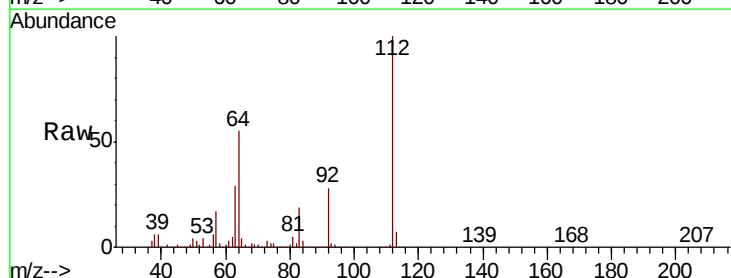
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



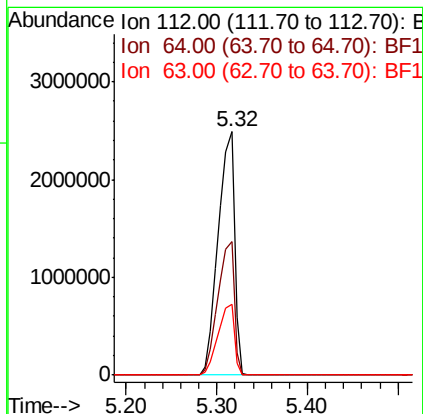
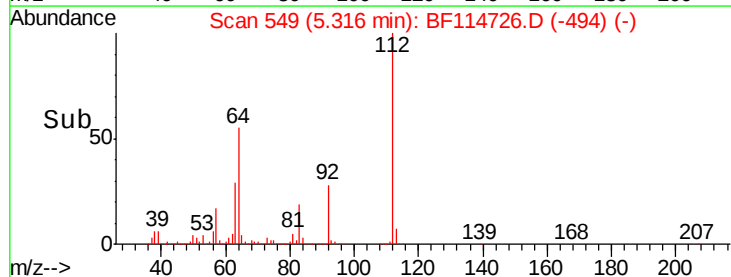
#5

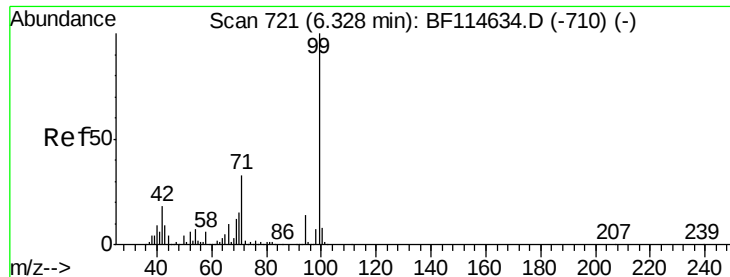
2-Fluorophenol
 Concen: 121.286 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.02 min
 Lab File: BF114726.D
 Acq: 1 Jun 2019 00:07

Tgt Ion:112 Resp: 3098281
 Ion Ratio Lower Upper
 112 100
 64 54.9 46.1 69.1
 63 29.1 23.4 35.2



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: 122.712 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114726.D

Acq: 1 Jun 2019 00:07

Instrument :

BNA_F

ClientSampleId :

RBR-251-688

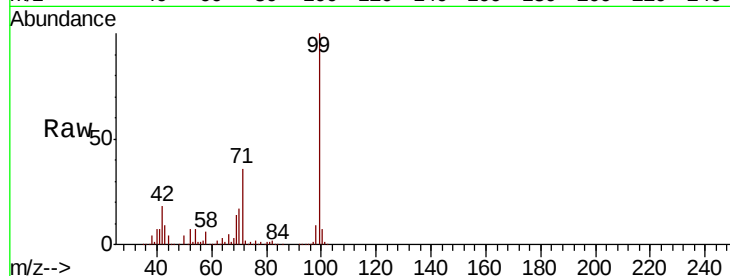
Tot Ion: 99 Resp: 3777444

Ion Ratio Lower Upper

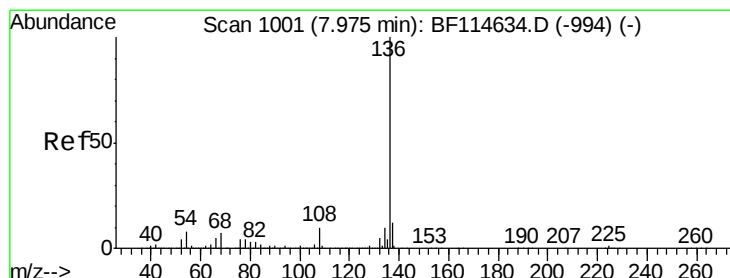
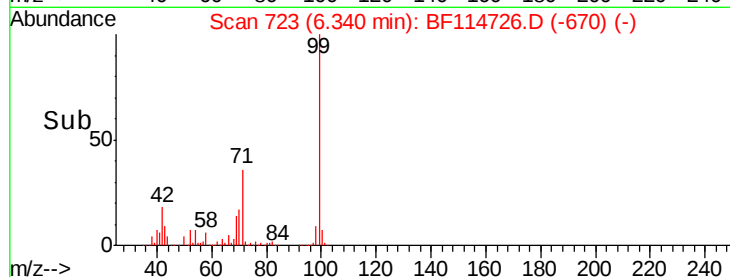
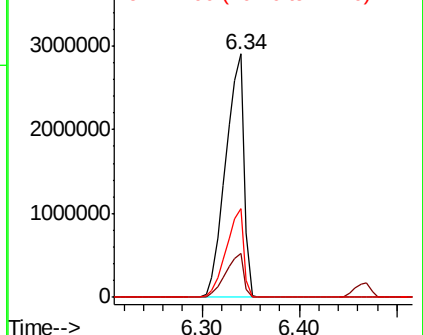
99 100

42 18.1 14.7 22.1

71 36.3 26.6 40.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114726.D

Acq: 1 Jun 2019 00:07

Tgt Ion:136 Resp: 1680151

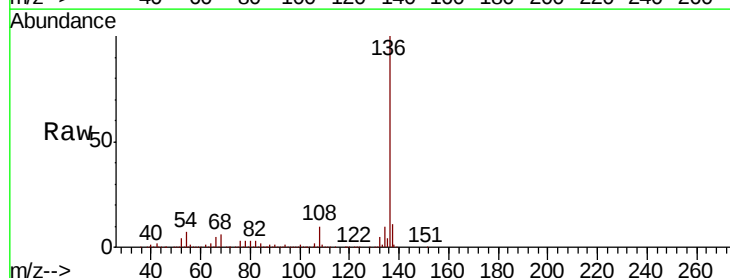
Ion Ratio Lower Upper

136 100

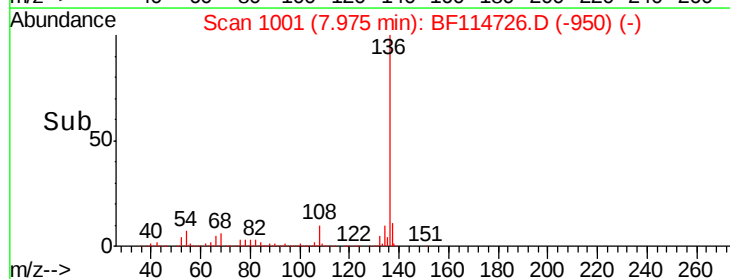
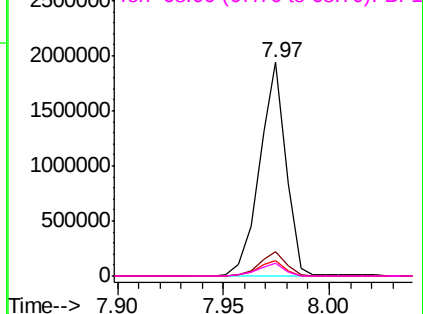
137 11.5 9.3 13.9

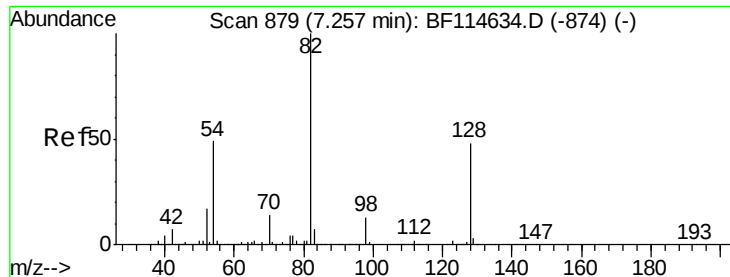
54 6.9 6.3 9.5

68 5.8 5.4 8.0



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

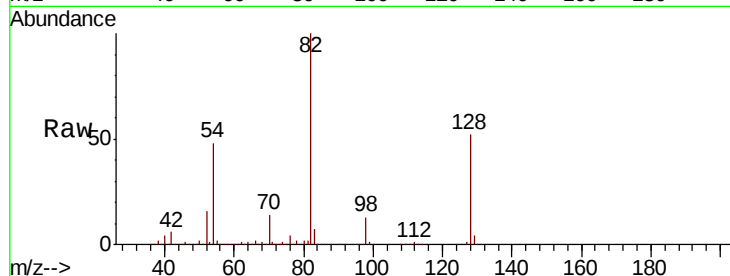




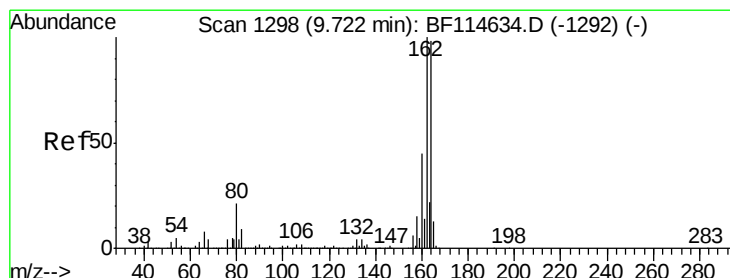
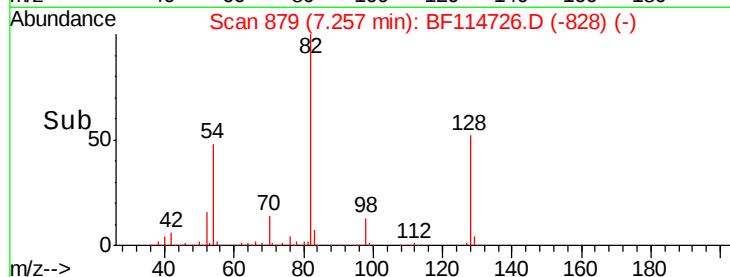
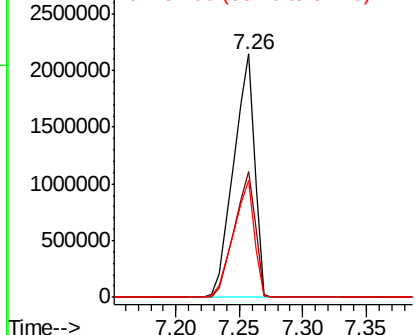
#23
Nitrobenzene-d5
Concen: 90.381 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114726.D
Acq: 1 Jun 2019 00:07

Instrument :
BNA_F
ClientSampleId :
RBR-251-688

Tot Ion: 82 Resp: 2433973
Ion Ratio Lower Upper
82 100
128 51.6 38.5 57.7
54 47.9 39.1 58.7

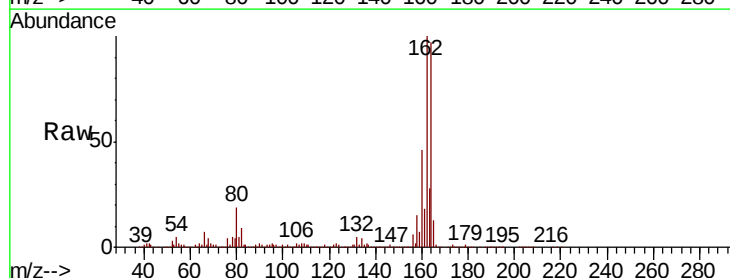


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

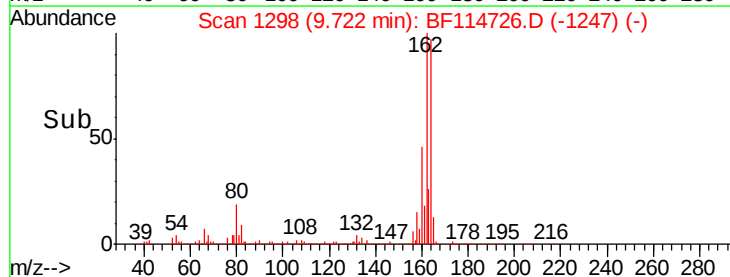
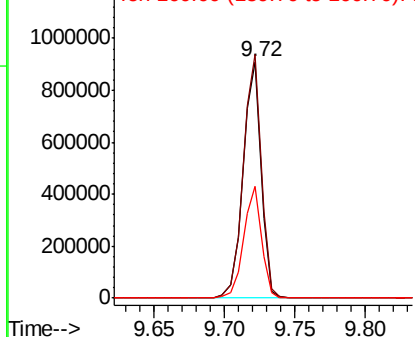


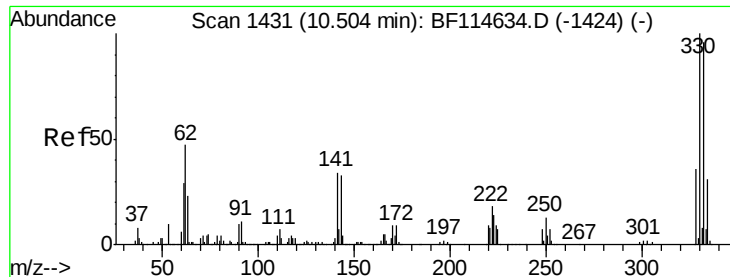
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114726.D
Acq: 1 Jun 2019 00:07

Tgt Ion:164 Resp: 802218
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.2
160 47.1 36.6 54.8



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





#42

2,4,6-Tribromophenol

Concen: 132.590 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF114726.D

Acq: 1 Jun 2019 00:07

Instrument :

BNA_F

ClientSampleId :

RBR-251-688

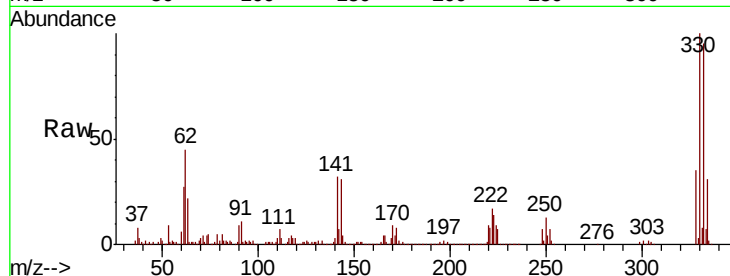
Tot Ion:330 Resp: 1013501

Ion Ratio Lower Upper

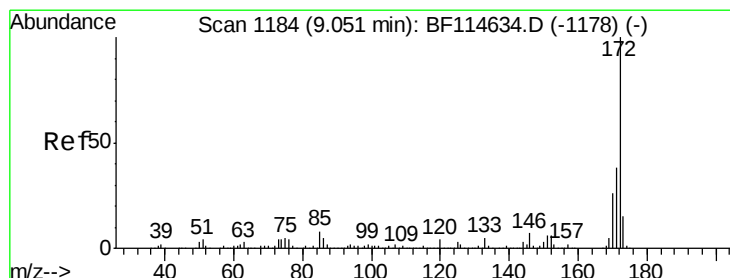
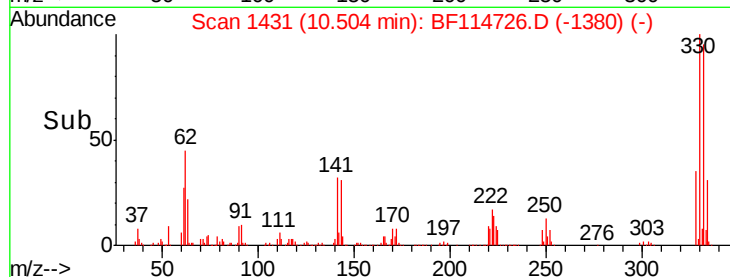
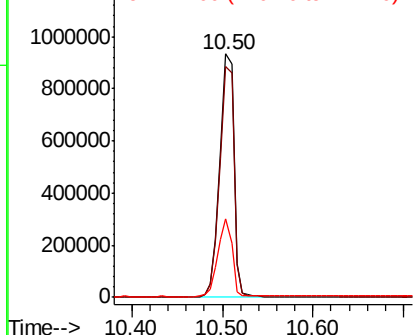
330 100

332 95.6 75.8 113.8

141 31.5 27.8 41.8



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



#45

2-Fluorobiphenyl

Concen: 81.919 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114726.D

Acq: 1 Jun 2019 00:07

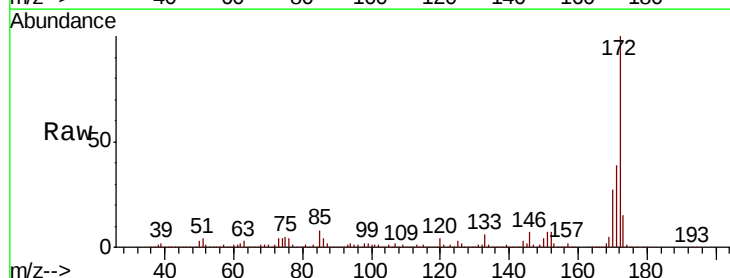
Tgt Ion:172 Resp: 3523186

Ion Ratio Lower Upper

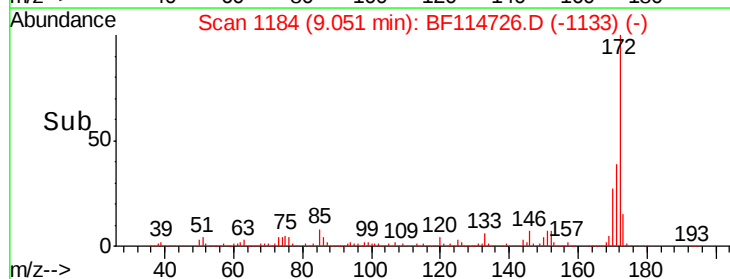
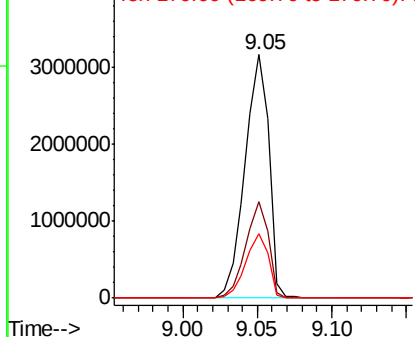
172 100

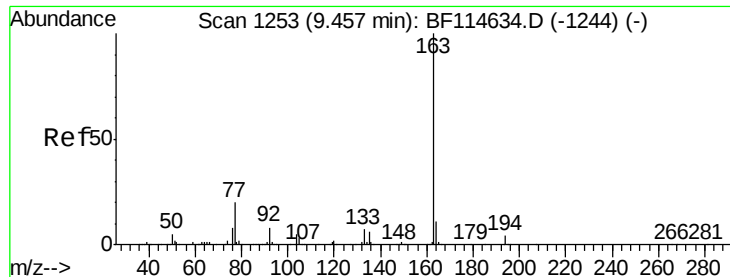
171 39.5 30.6 45.8

170 26.7 20.7 31.1



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





#50

Dimethylphthalate

Concen: 14.887 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114726.D

Acq: 1 Jun 2019 00:07

Instrument :

BNA_F

ClientSampleId :

RBR-251-688

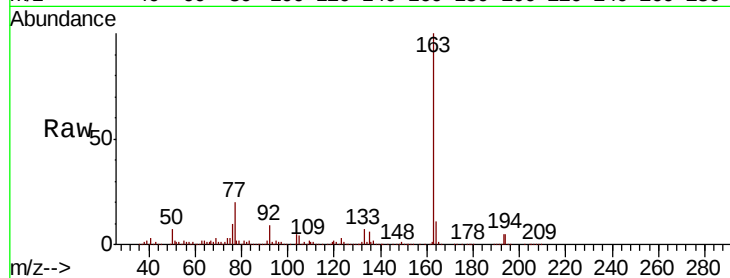
Tot Ion:163 Resp: 832159

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

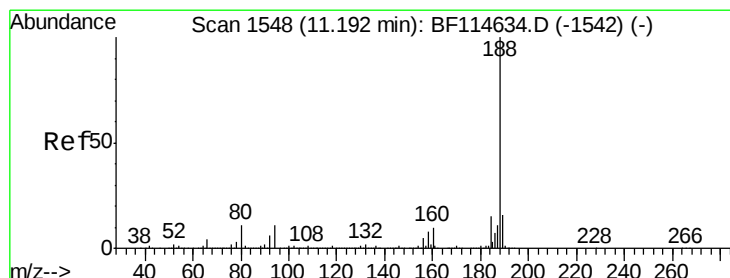
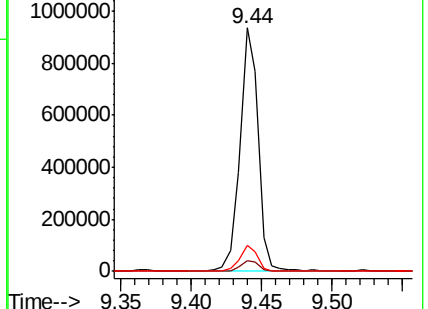
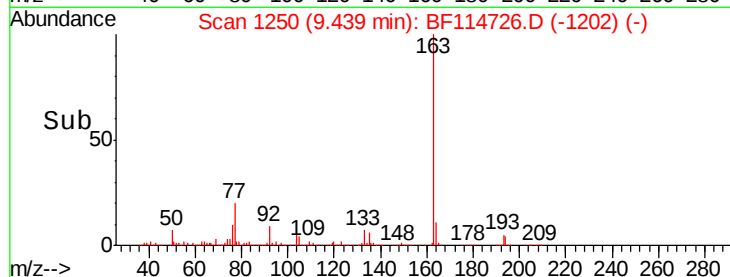
164 10.7 8.6 13.0



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF114726.D

Acq: 1 Jun 2019 00:07

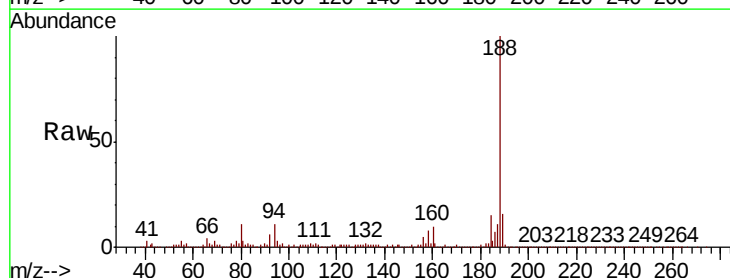
Tgt Ion:188 Resp: 1408836

Ion Ratio Lower Upper

188 100

94 10.6 8.6 13.0

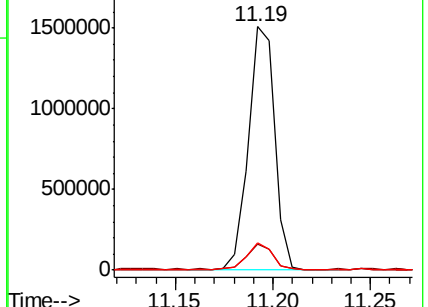
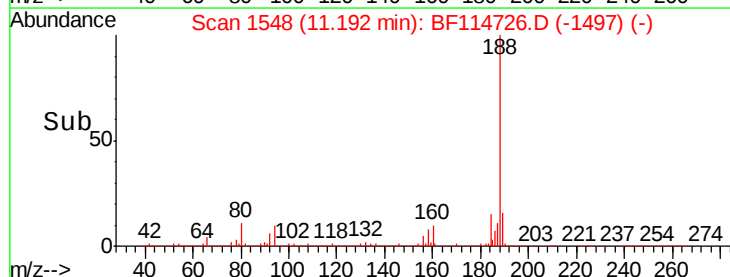
80 11.3 9.0 13.6

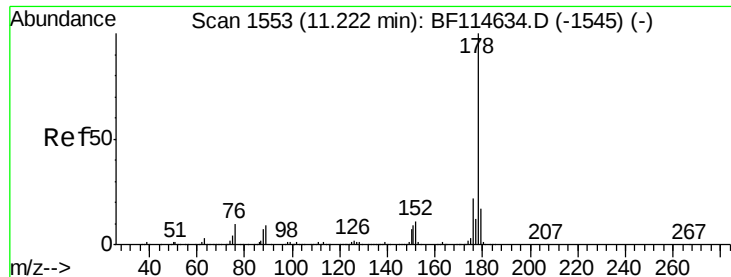


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

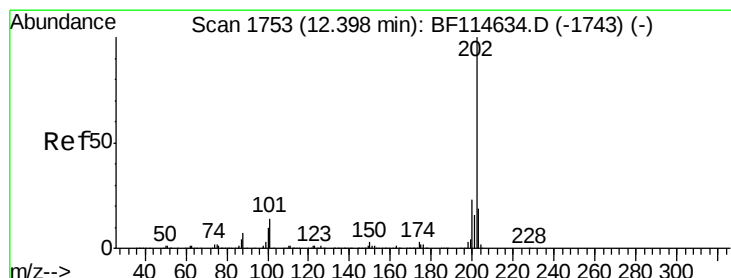
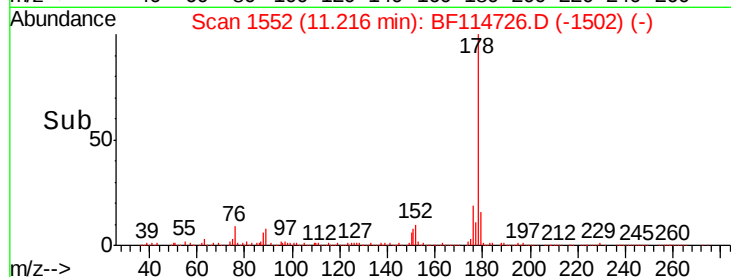
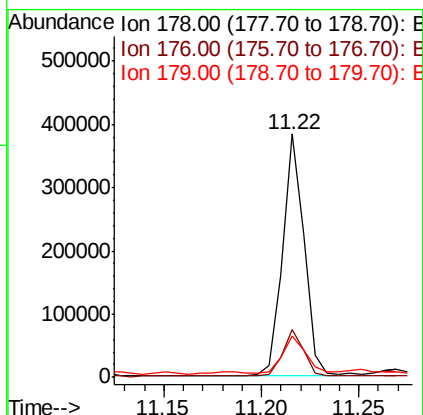
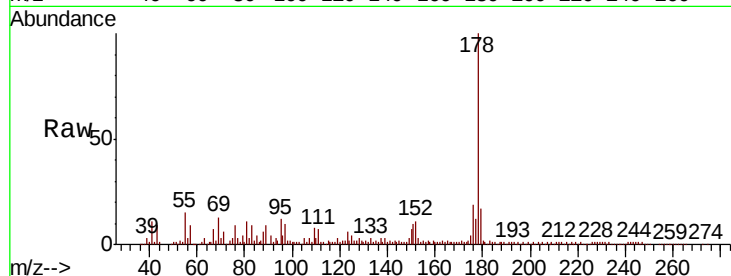




#71
Phenanthrene
Concen: 4.019 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF114726.D
Acq: 1 Jun 2019 00:07

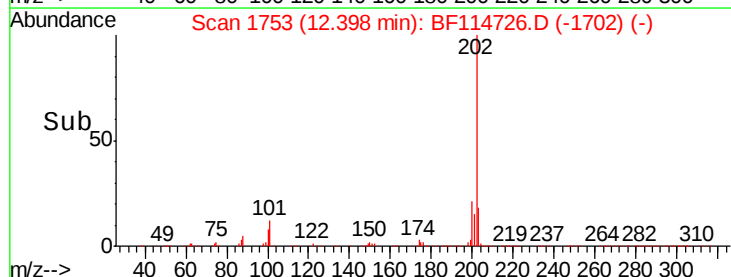
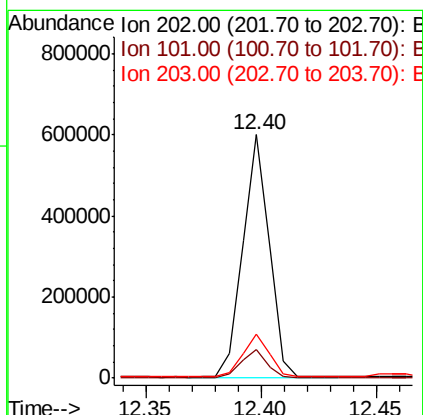
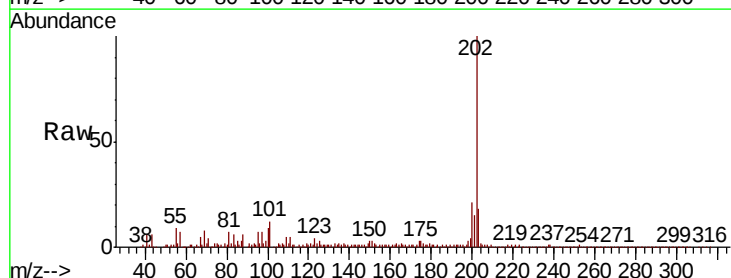
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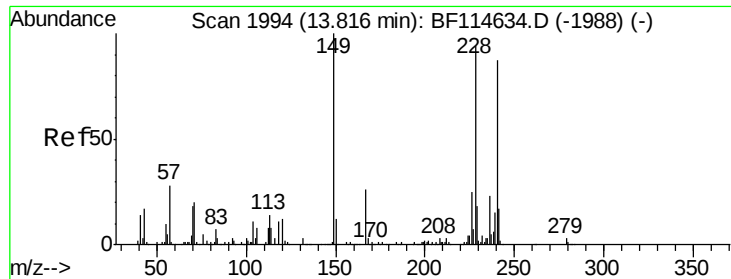
Tot Ion:178 Resp: 288854
Ion Ratio Lower Upper
178 100
176 19.4 17.2 25.8
179 17.0 13.9 20.9



#75
Fluoranthene
Concen: 6.429 ng
RT: 12.40 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BF114726.D
Acq: 1 Jun 2019 00:07

Tgt Ion:202 Resp: 478446
Ion Ratio Lower Upper
202 100
101 11.7 0.0 33.9
203 18.2 0.0 39.1

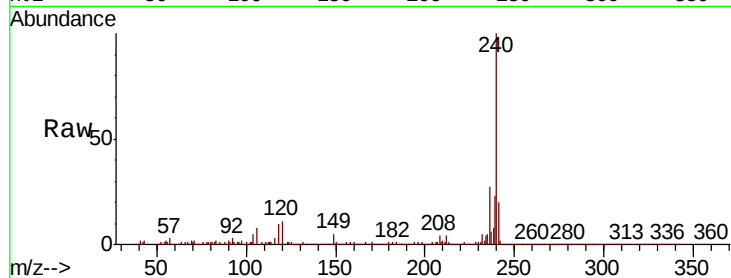




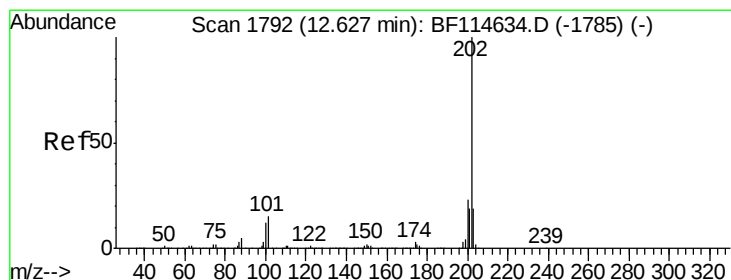
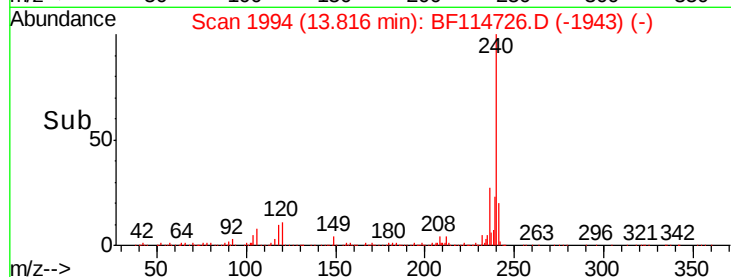
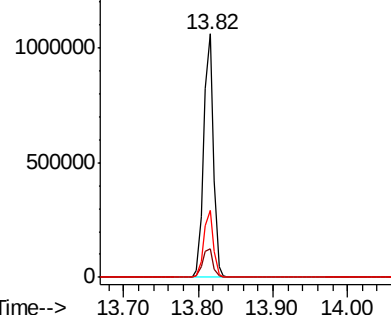
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114726.D
Acq: 1 Jun 2019 00:07

Instrument :
BNA_F
ClientSampleId :
RBR-251-688

Tot Ion:240 Resp: 942093
Ion Ratio Lower Upper
240 100
120 11.5 11.2 16.8
236 27.3 21.2 31.8

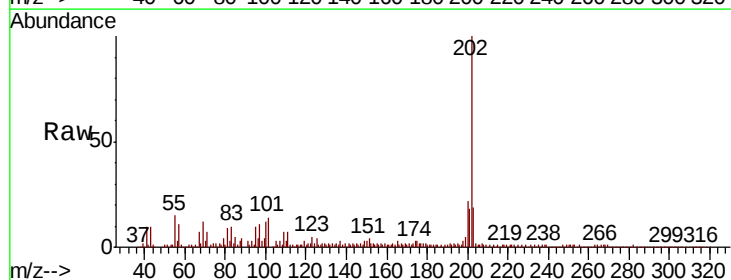


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

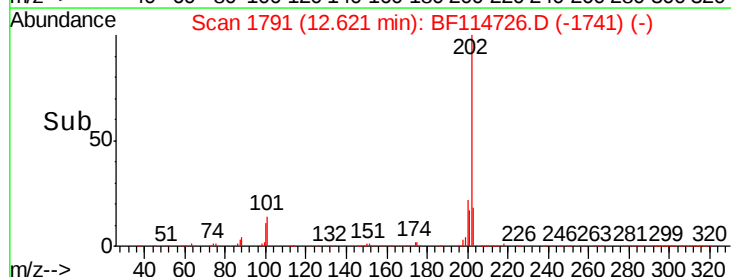
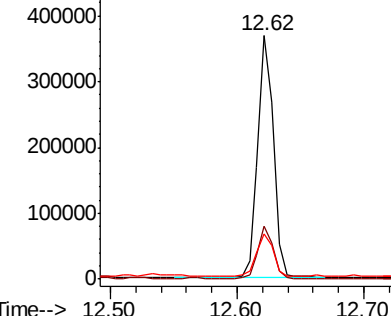


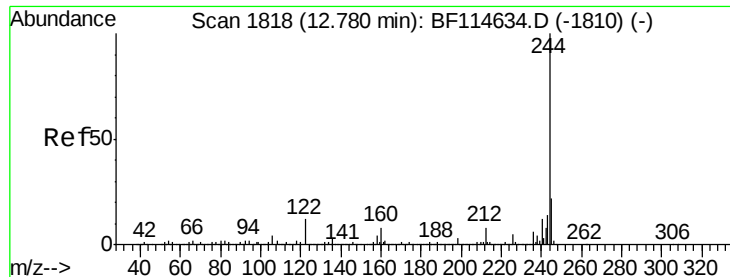
#78
Pyrene
Concen: 3.973 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF114726.D
Acq: 1 Jun 2019 00:07

Tgt Ion:202 Resp: 316662
Ion Ratio Lower Upper
202 100
200 22.0 18.6 28.0
203 18.8 15.4 23.2



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





#79

Terphenyl-d14

Concen: 61.899 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114726.D

Acq: 1 Jun 2019 00:07

Instrument :

BNA_F

ClientSampleId :

RBR-251-688

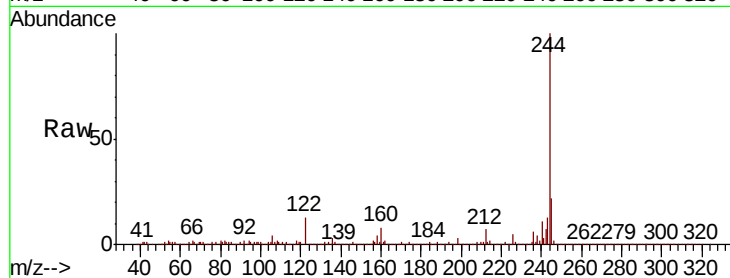
Tot Ion:244 Resp: 3101610

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

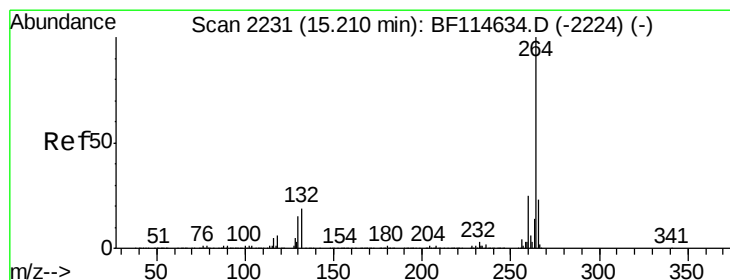
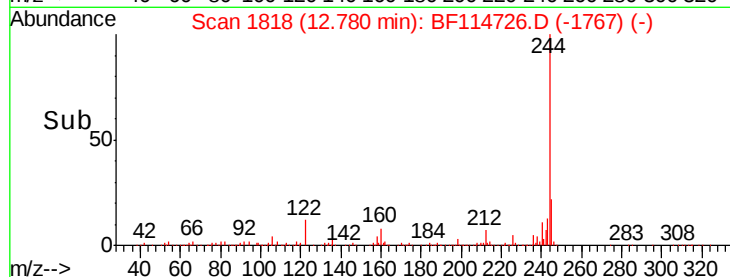
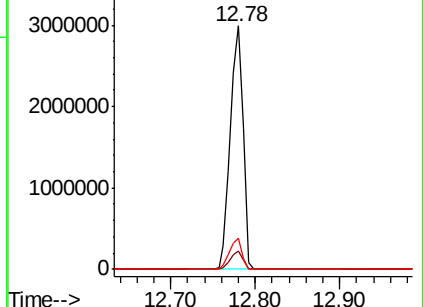
122 12.6 9.8 14.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114726.D

Acq: 1 Jun 2019 00:07

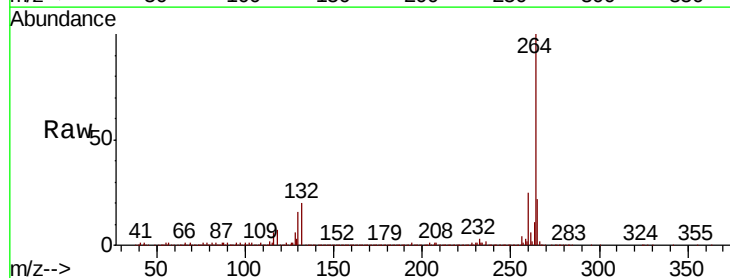
Tgt Ion:264 Resp: 875654

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 21.9 18.1 27.1



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

