

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114324.D
 Acq On : 16 May 2019 21:59
 Operator : JU/SJ
 Sample : K2637-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051519-B

Quant Time: May 17 08:54:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

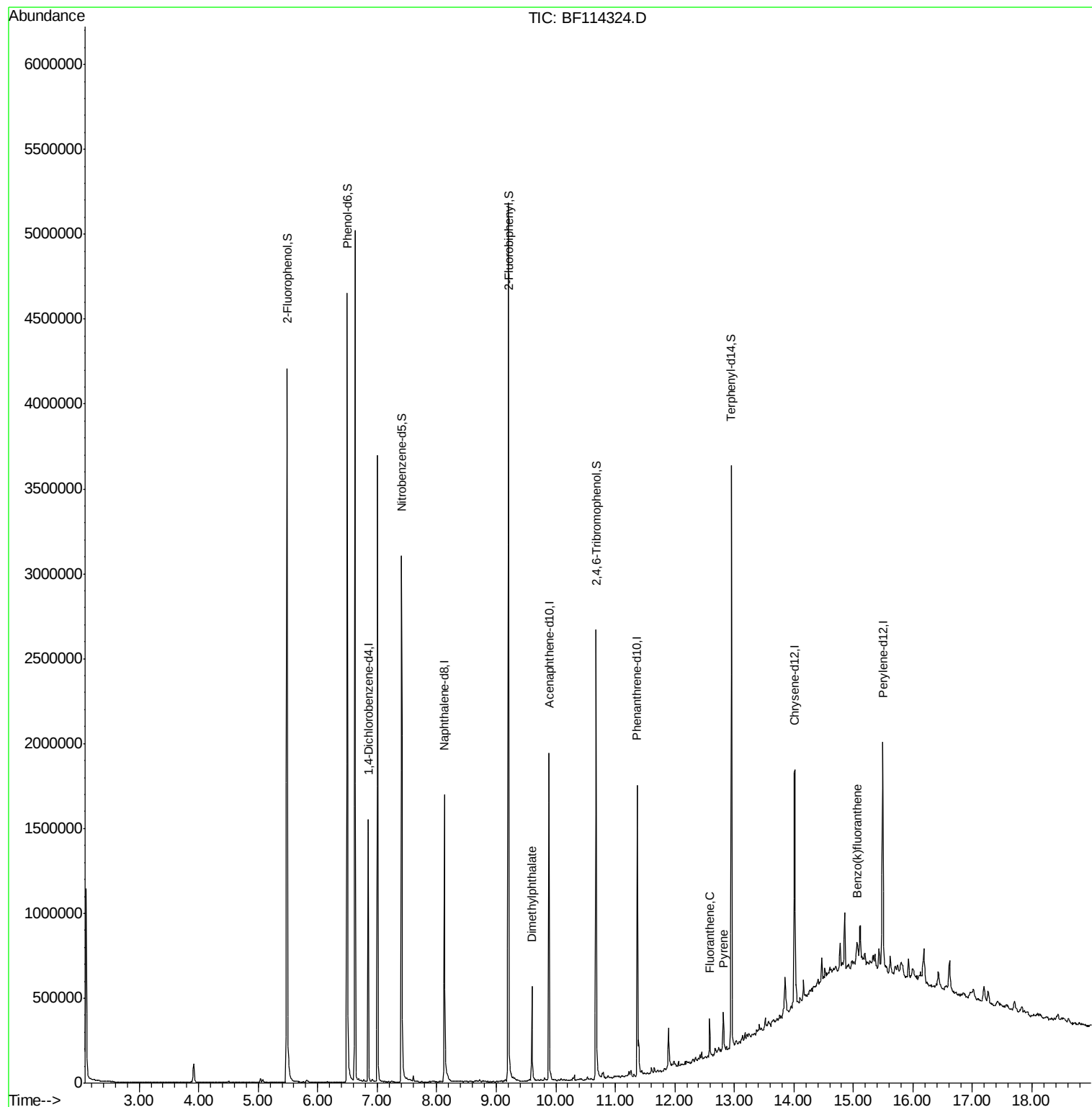
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	235607	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	904127	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	397077	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	683786	20.00	ng	0.00
76) Chrysene-d12	14.02	240	513567	20.00	ng	0.00
87) Perylene-d12	15.49	264	573281	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1253373	85.61	ng	0.00
7) Phenol-d6	6.50	99	1646712	95.10	ng	0.00
23) Nitrobenzene-d5	7.41	82	1014757	62.99	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	322137	78.47	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1567344	59.71	ng	0.00
79) Terphenyl-d14	12.95	244	1166007	46.80	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	258603	8.872	ng	99
75) Fluoranthene	12.59	202	93408	2.607	ng	97
78) Pyrene	12.82	202	90270	2.185	ng	98
89) Benzo(k)fluoranthene	15.06	252	68682	2.036	ng	# 72

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF114324.D

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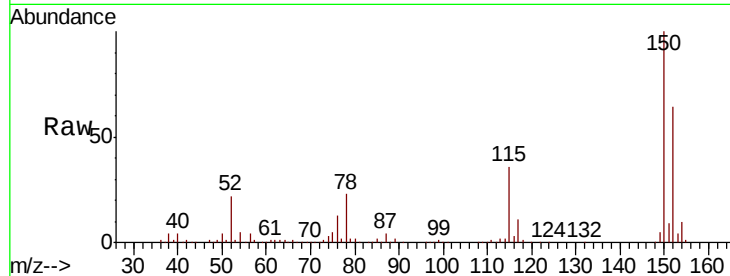
Tot Ion:152 Resp: 235607

Ion Ratio Lower Upper

152 100

150 155.6 124.3 186.5

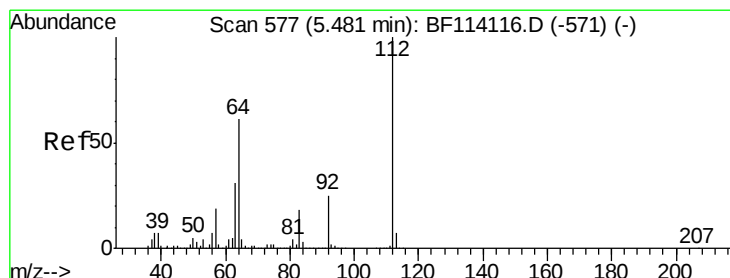
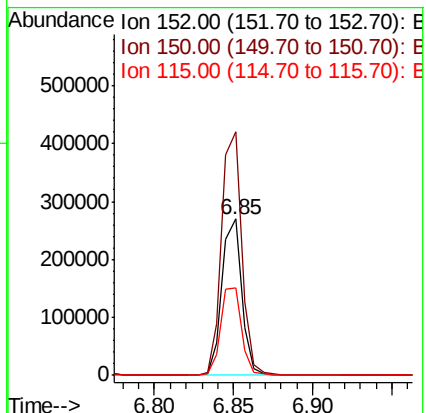
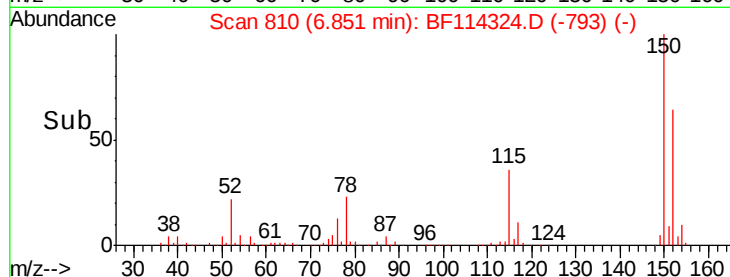
115 55.7 49.1 73.7



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: 85.609 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

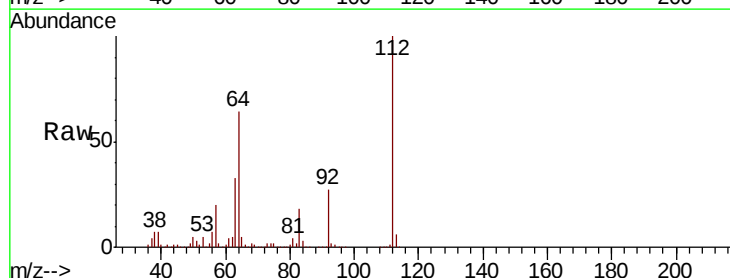
Tgt Ion:112 Resp: 1253373

Ion Ratio Lower Upper

112 100

64 63.7 49.0 73.6

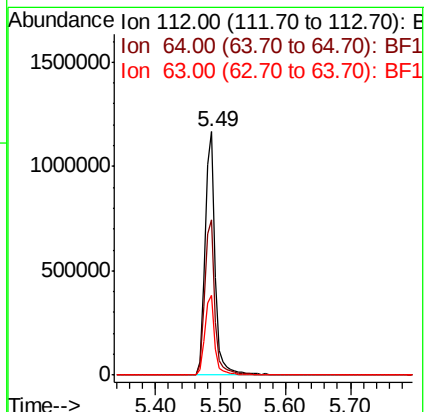
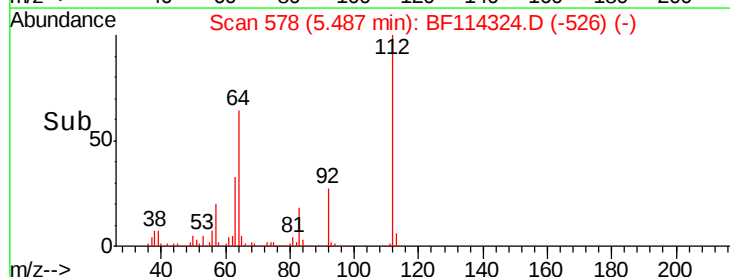
63 32.8 24.6 37.0



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: 95.098 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-B

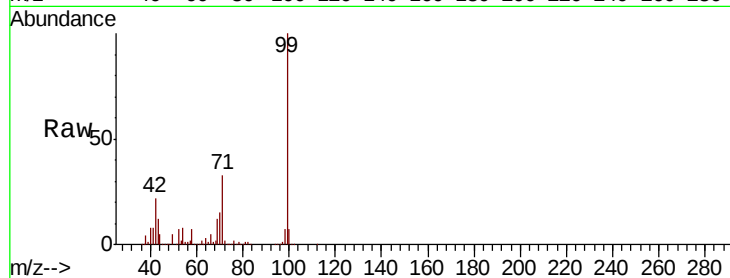
Tot Ion: 99 Resp: 1646712

Ion Ratio Lower Upper

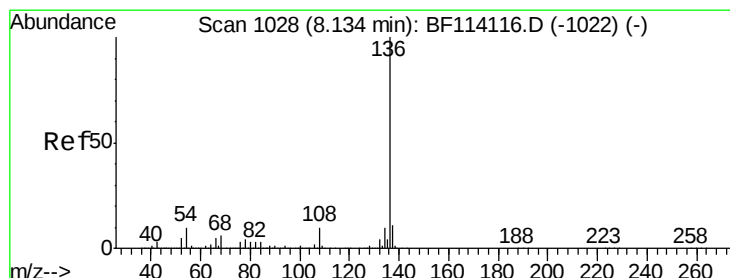
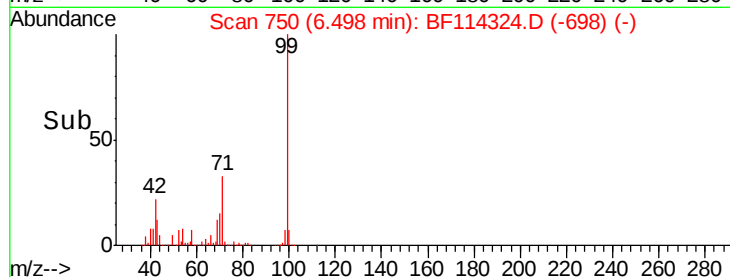
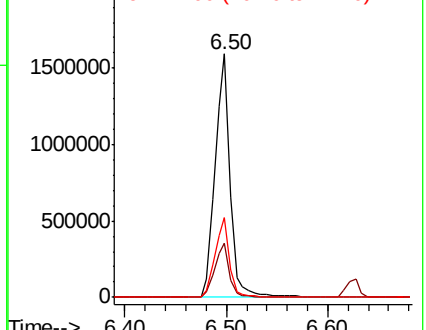
99 100

42 22.2 17.9 26.9

71 32.5 26.2 39.2



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

Tgt Ion: 136 Resp: 904127

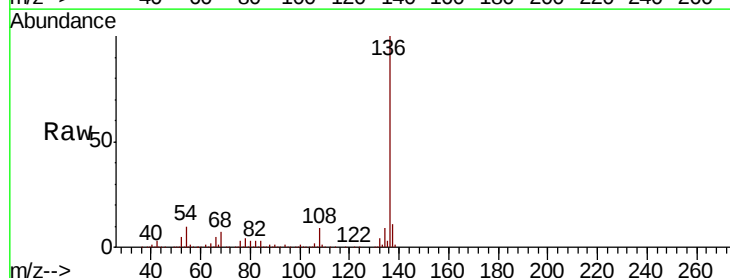
Ion Ratio Lower Upper

136 100

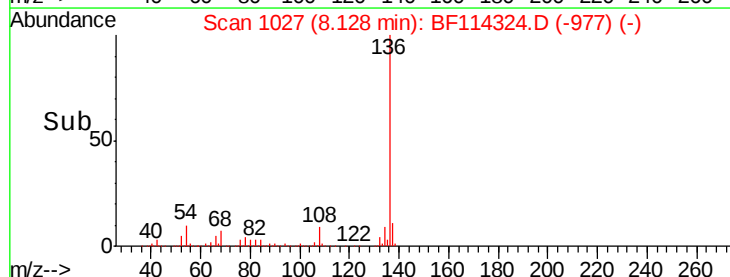
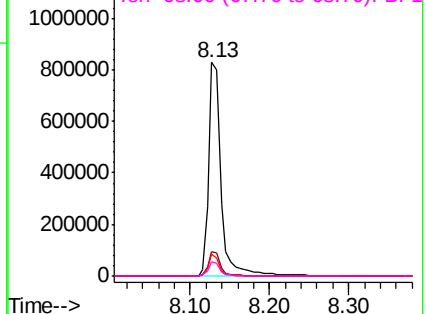
137 11.3 8.8 13.2

54 10.4 7.8 11.8

68 6.7 5.1 7.7



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

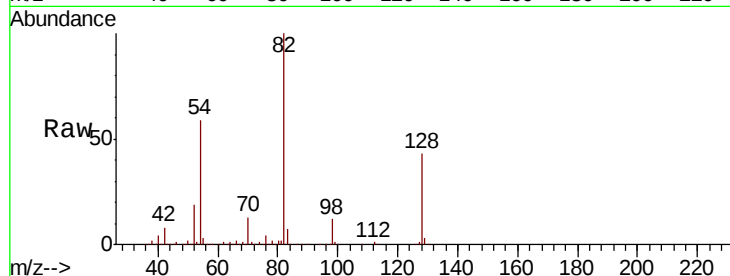




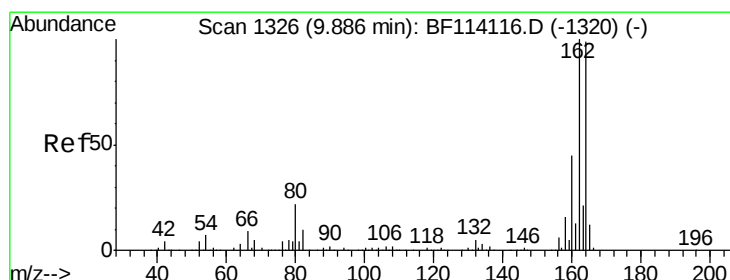
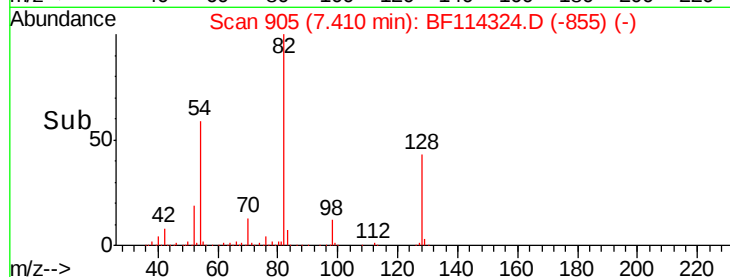
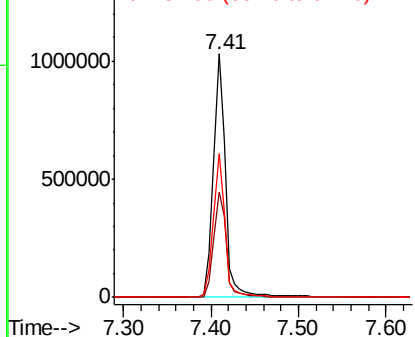
#23
Nitrobenzene-d5
Concen: 62.987 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114324.D
Acq: 16 May 2019 21:59

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-B

Tot Ion: 82 Resp: 1014757
Ion Ratio Lower Upper
82 100
128 43.5 35.5 53.3
54 58.8 48.5 72.7

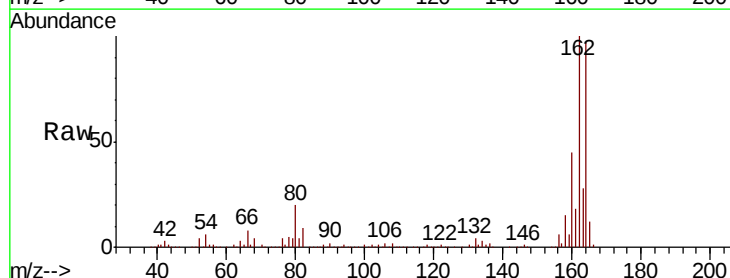


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

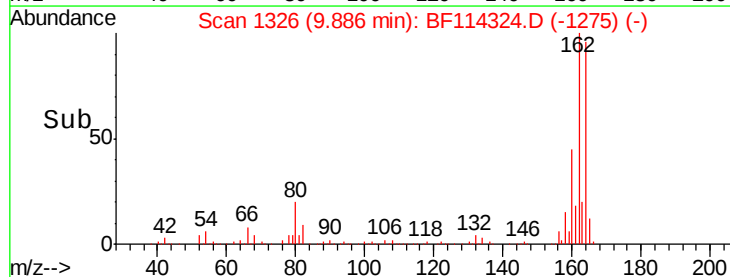
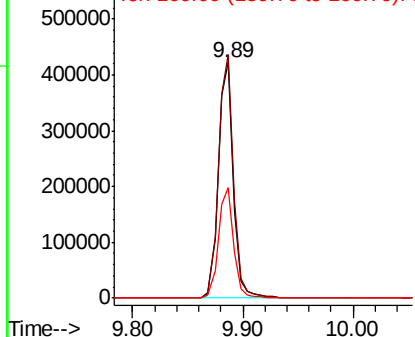


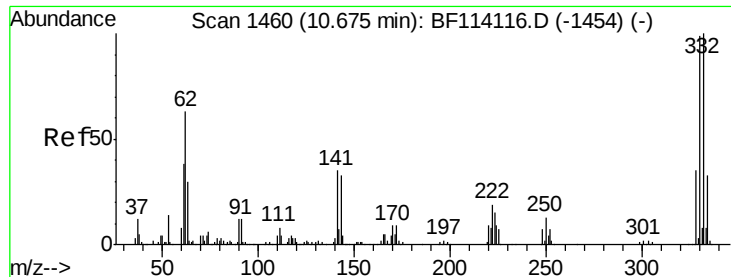
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114324.D
Acq: 16 May 2019 21:59

Tgt Ion:164 Resp: 397077
Ion Ratio Lower Upper
164 100
162 103.4 80.6 120.8
160 46.9 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 78.472 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-B

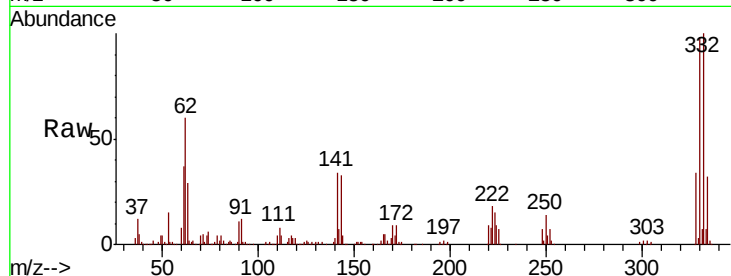
Tot Ion:330 Resp: 322137

Ion Ratio Lower Upper

330 100

332 102.9 81.4 122.2

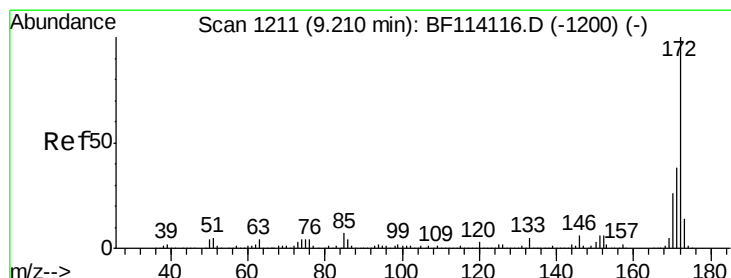
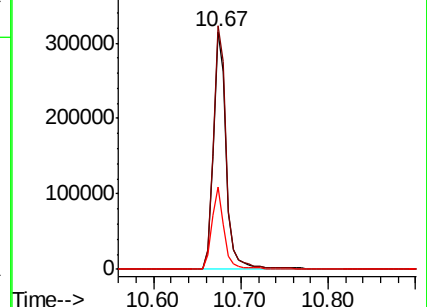
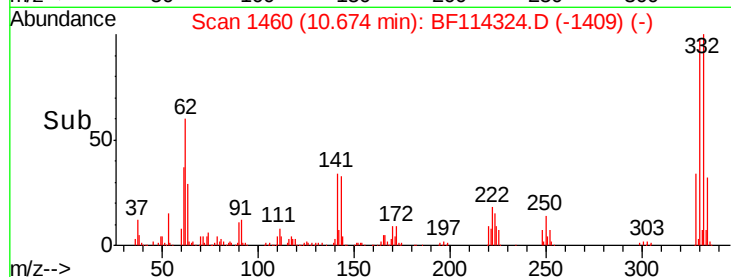
141 33.2 26.6 40.0



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: 59.708 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

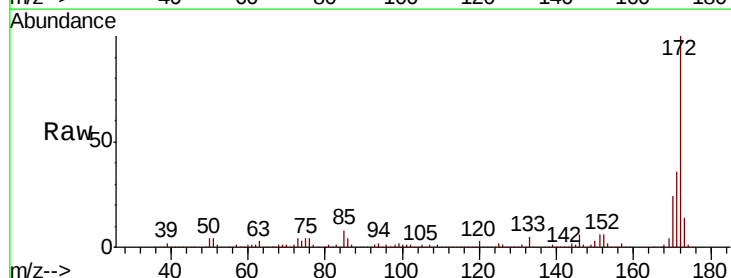
Tgt Ion:172 Resp: 1567344

Ion Ratio Lower Upper

172 100

171 36.1 30.7 46.1

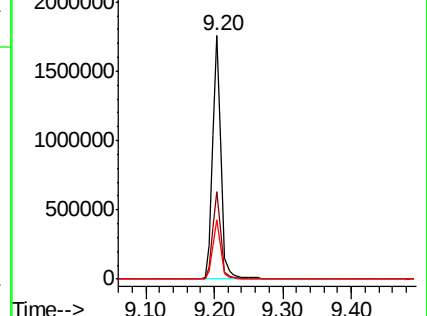
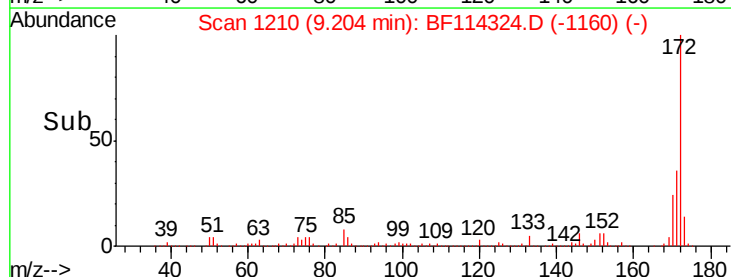
170 24.2 20.5 30.7

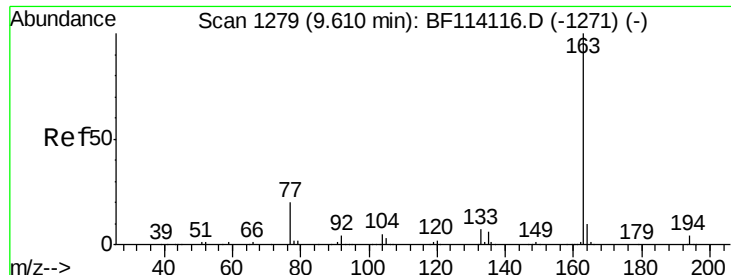


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

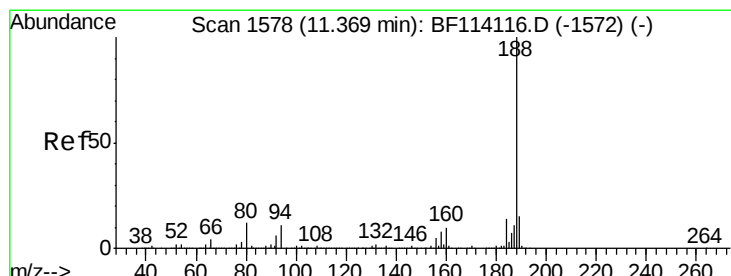
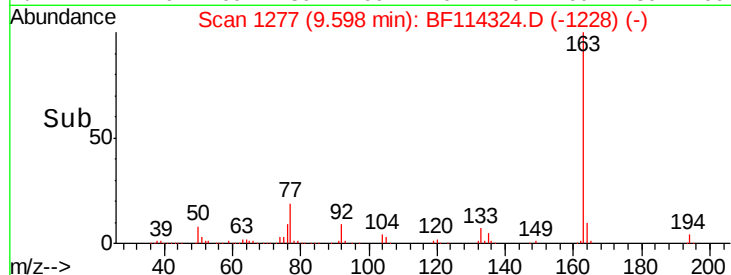
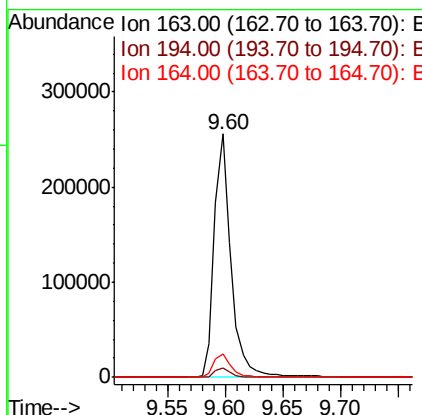
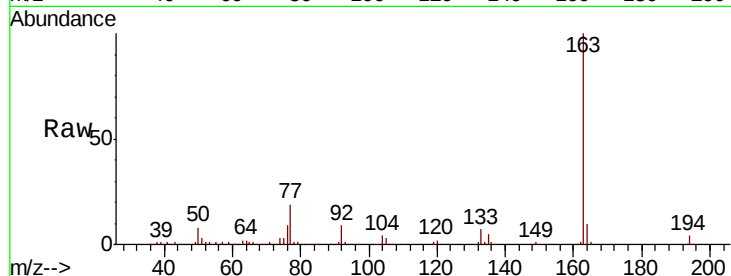




#50
Dimethylphthalate
Concen: 8.872 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114324.D
Acq: 16 May 2019 21:59

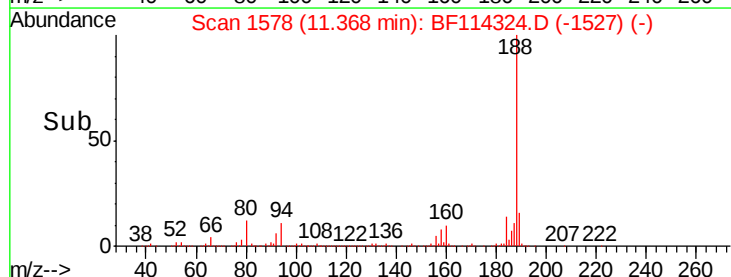
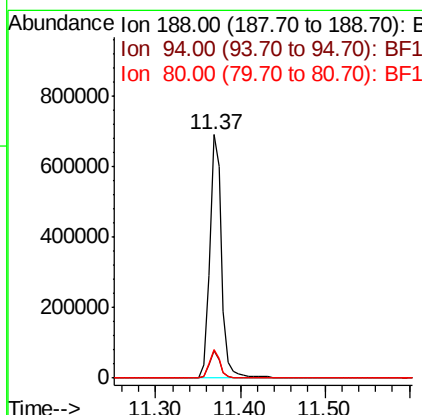
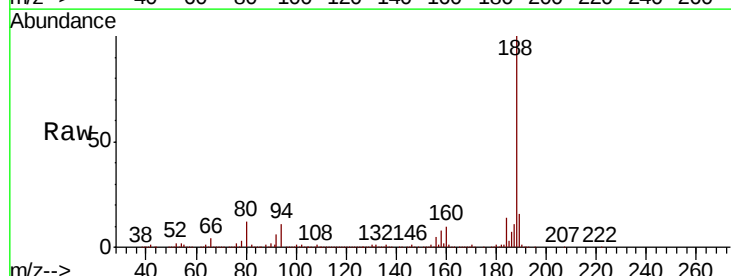
Instrument :
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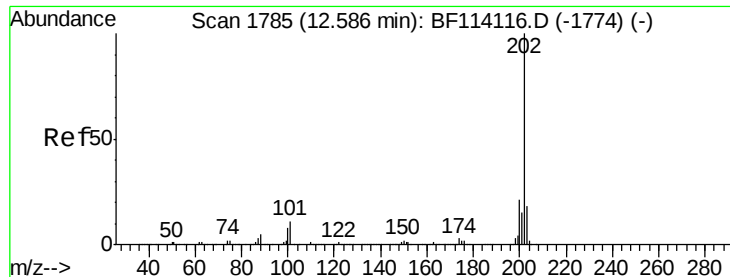
Tot Ion:163 Resp: 258603
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114324.D
Acq: 16 May 2019 21:59

Tgt Ion:188 Resp: 683786
Ion Ratio Lower Upper
188 100
94 11.0 8.4 12.6
80 11.6 9.2 13.8





#75

Fluoranthene

Concen: 2.607 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-B

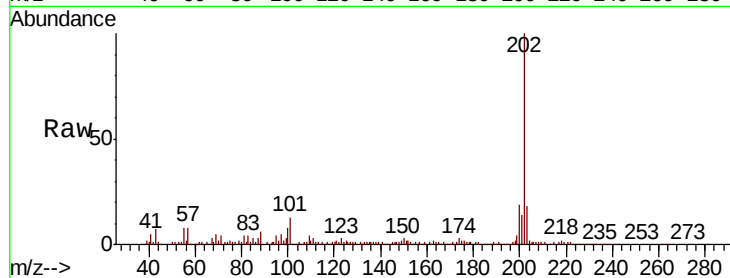
Tot Ion:202 Resp: 93408

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.0

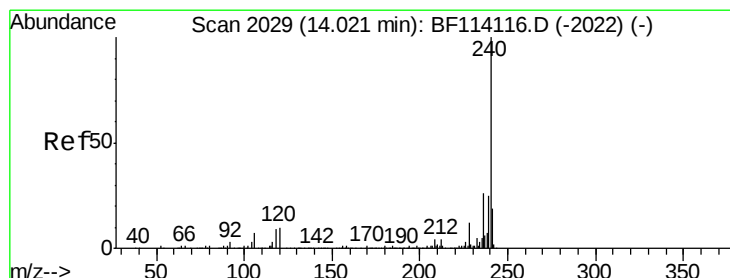
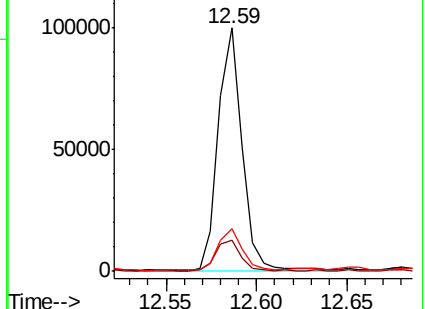
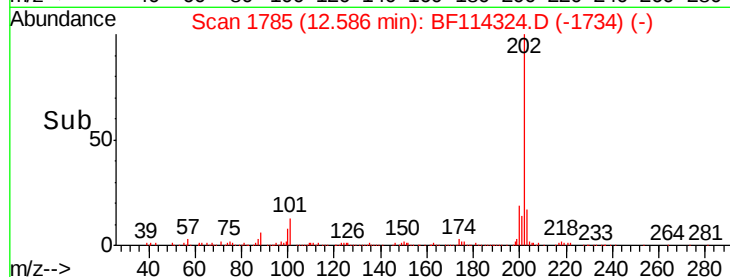
203 17.6 0.0 38.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

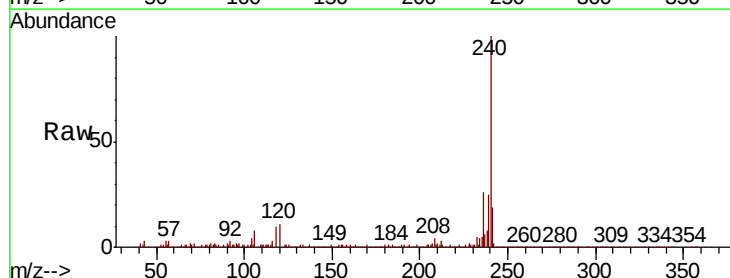
Tgt Ion:240 Resp: 513567

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

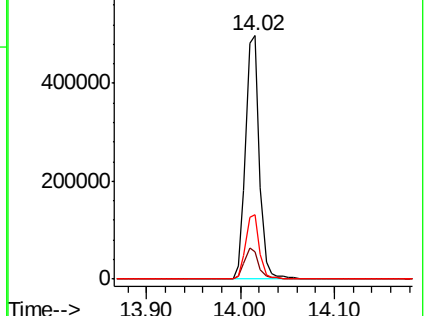
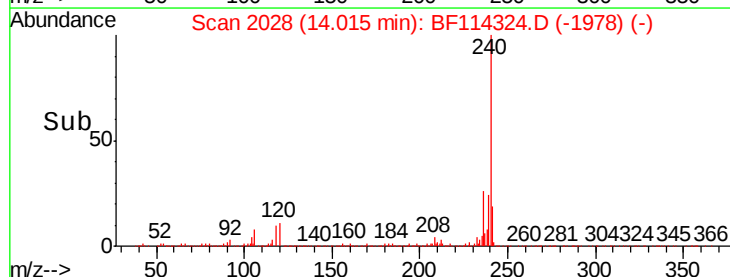
236 26.2 20.8 31.2

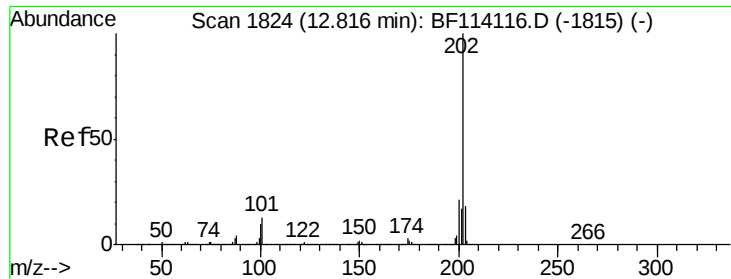


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.185 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

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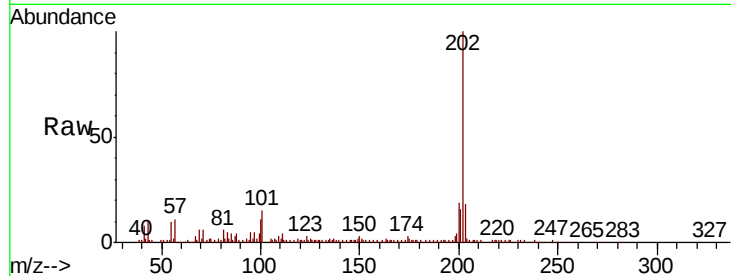
Tot Ion:202 Resp: 90270

Ion Ratio Lower Upper

202 100

200 19.3 16.9 25.3

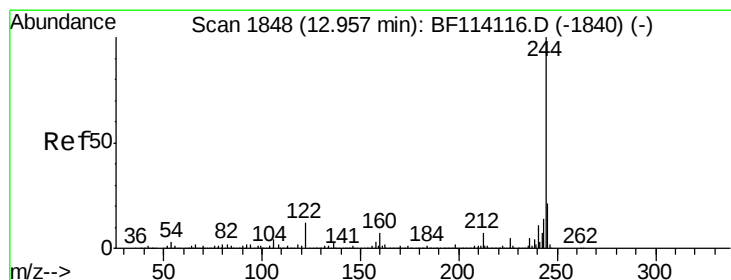
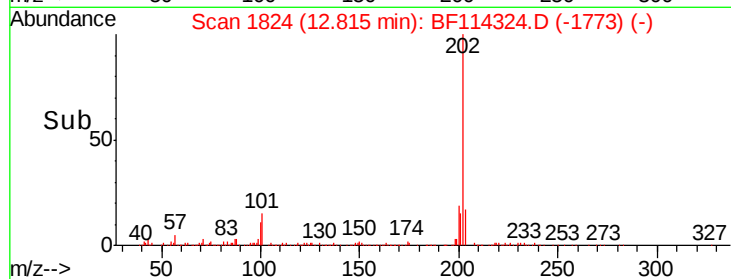
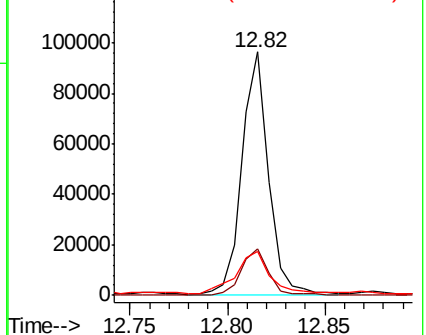
203 18.3 14.5 21.7



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: 46.803 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

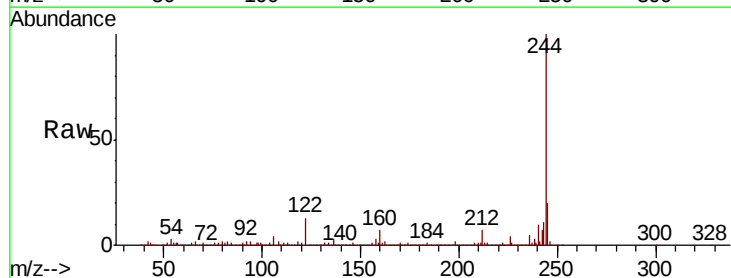
Tgt Ion:244 Resp: 1166007

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

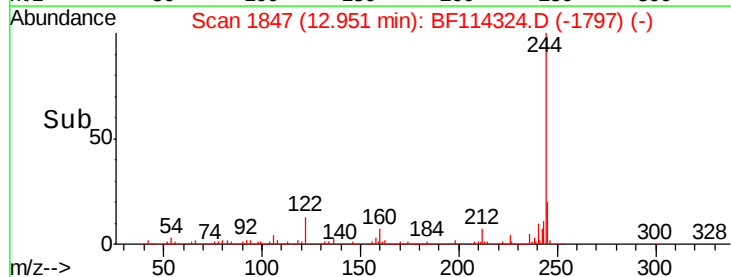
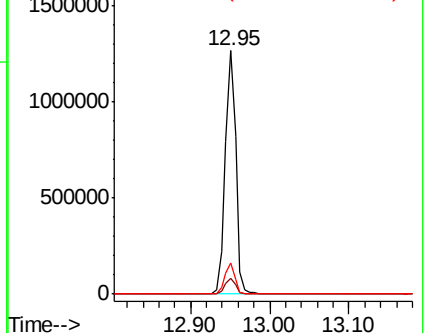
122 12.9 9.4 14.2

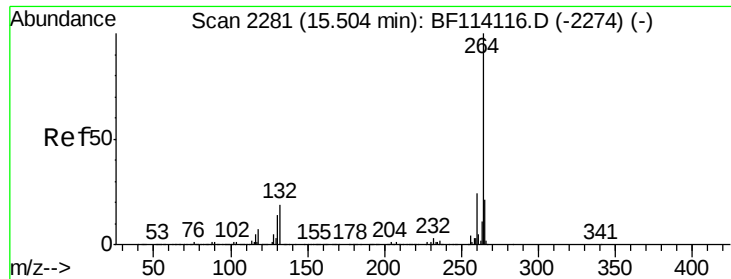


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-B

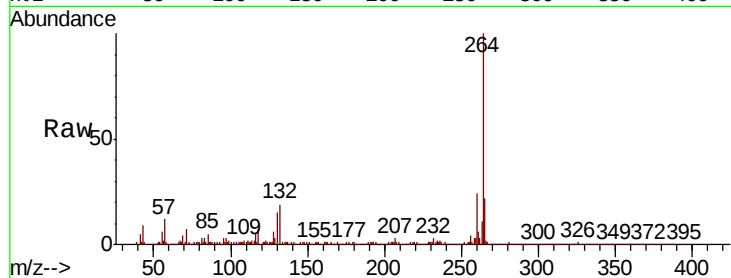
Tot Ion:264 Resp: 573281

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

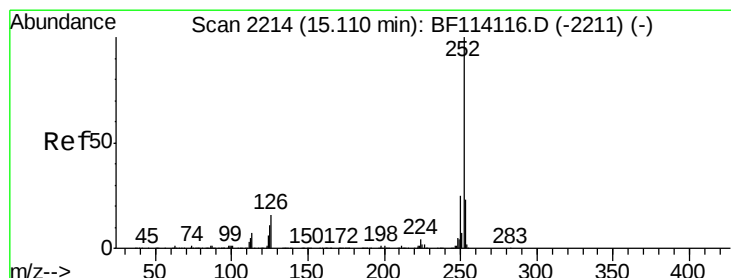
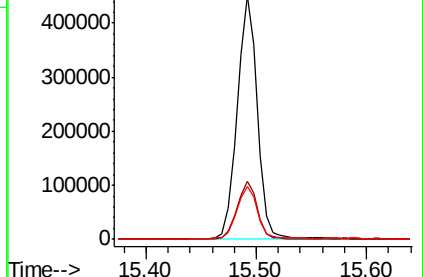
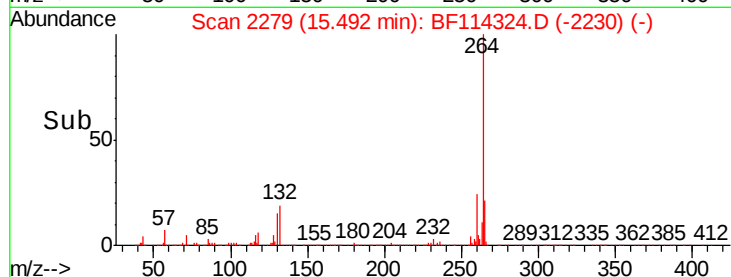
265 21.6 16.9 25.3



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



#89

Benzo(k)fluoranthene

Concen: 2.036 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.05 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

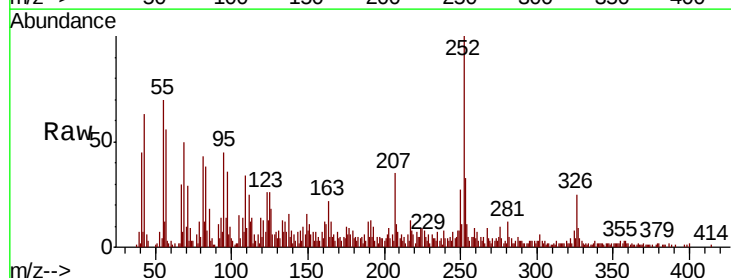
Tgt Ion:252 Resp: 68682

Ion Ratio Lower Upper

252 100

253 33.4 18.2 27.2#

125 26.3 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

