

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
 Data File : BF121286.D
 Acq On : 13 Aug 2020 23:14
 Operator : JU/CG
 Sample : L3659-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 SP1-1

Quant Time: Aug 14 06:32:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

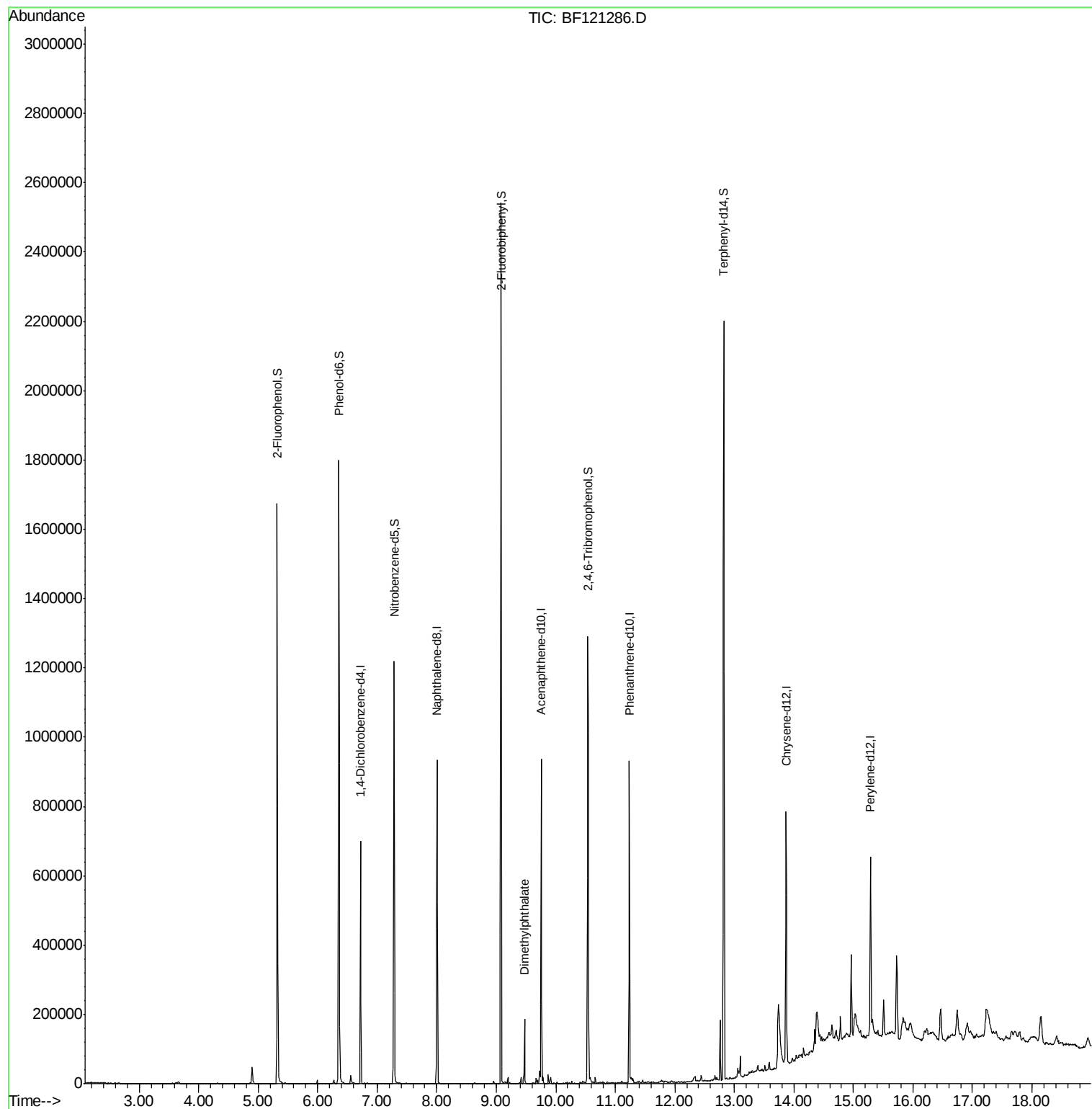
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	97972	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	374149	40.00	ng	0.00
39) Acenaphthene-d10	9.76	164	188017	40.00	ng	0.00
64) Phenanthrene-d10	11.23	188	337926	40.00	ng	0.00
76) Chrysene-d12	13.87	240	230363	40.00	ng	0.00
86) Perylene-d12	15.29	264	225669	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	481557	149.04	ng	0.01
7) Phenol-d6	6.36	99	577452	138.69	ng	0.00
23) Nitrobenzene-d5	7.29	82	367386	107.33	ng	0.00
42) 2,4,6-Tribromophenol	10.54	330	161690	139.70	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	712669	104.87	ng	0.00
79) Terphenyl-d14	12.82	244	662056	112.05	ng	0.00
Target Compounds						
10) Phenol	6.37	94	9916	2.195	ng	96
50) Dimethylphthalate	9.47	163	68422	9.672	ng	99

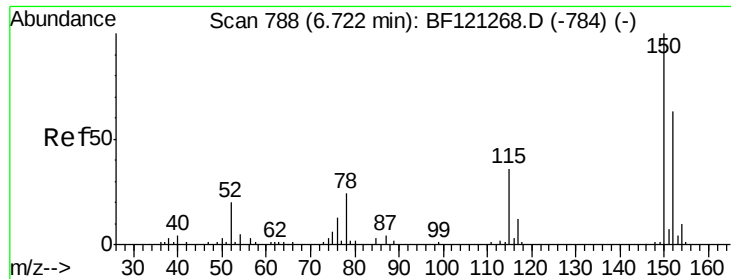
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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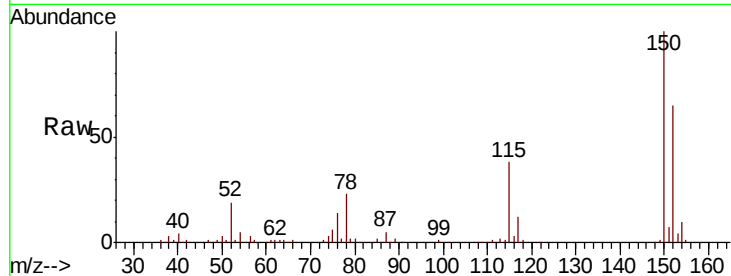


#1

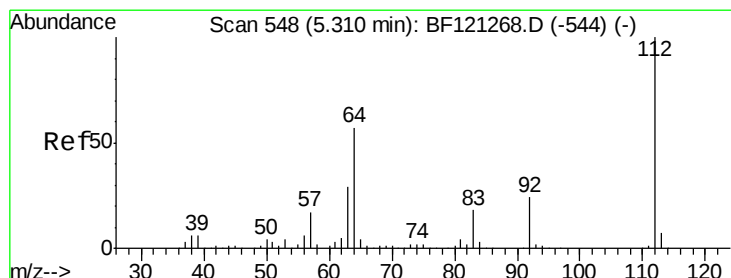
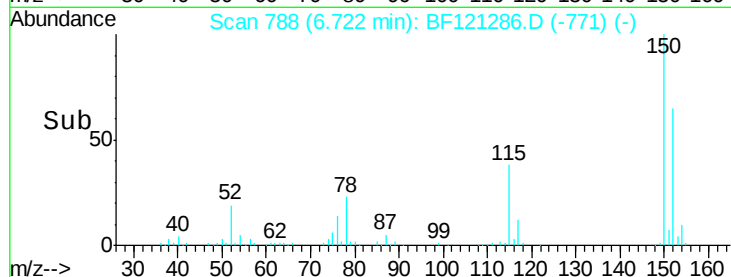
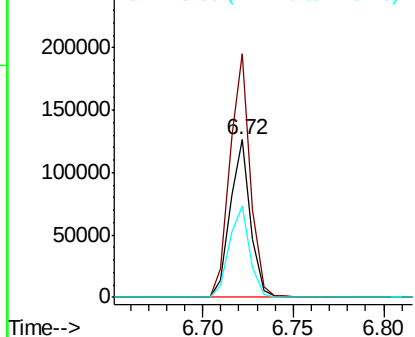
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

Instrument :
BNA_F
ClientSampleId :
SP1-1

Tot Ion:152 Resp: 97972
Ion Ratio Lower Upper
152 100
150 154.5 129.0 193.6
115 58.1 49.0 73.4



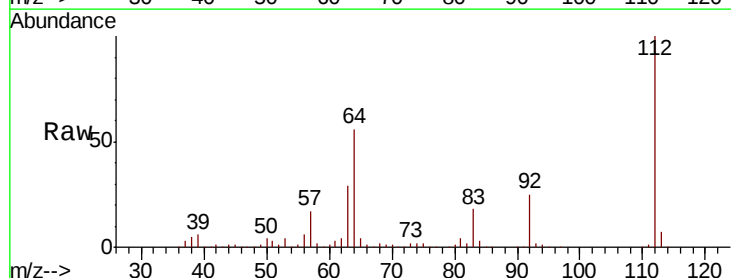
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



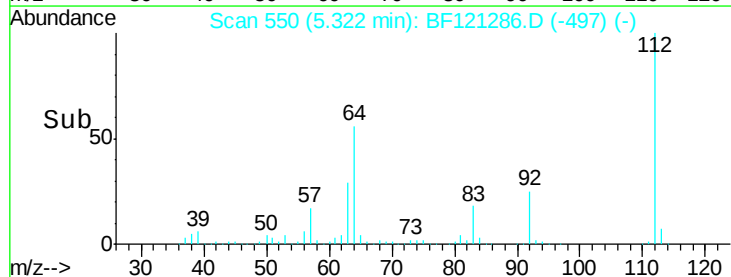
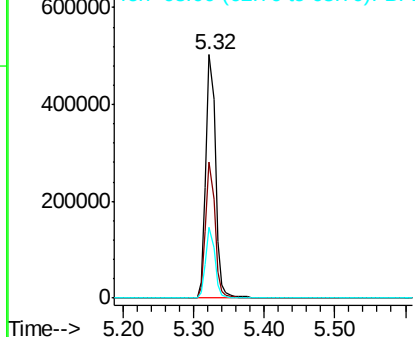
#5

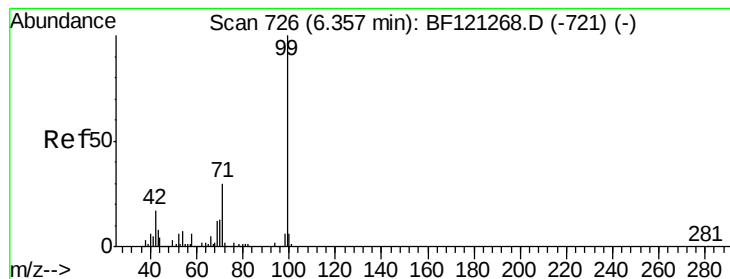
2-Fluorophenol
Concen: 149.037 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

Tgt Ion:112 Resp: 481557
Ion Ratio Lower Upper
112 100
64 56.0 45.4 68.2
63 28.9 23.0 34.6



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: 138.686 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

Instrument :

BNA_F

ClientSampleId :

SP1-1

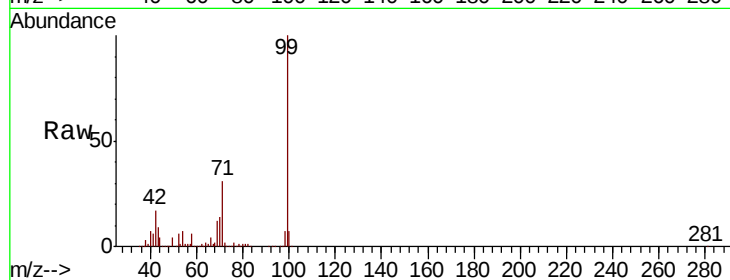
Tot Ion: 99 Resp: 577452

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

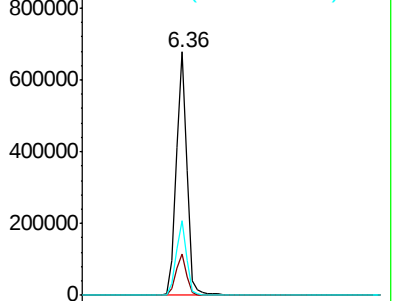
71 30.8 23.7 35.5



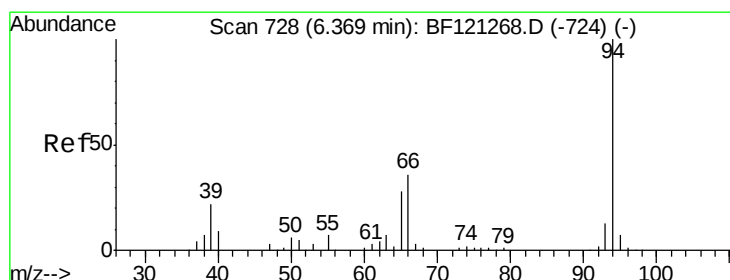
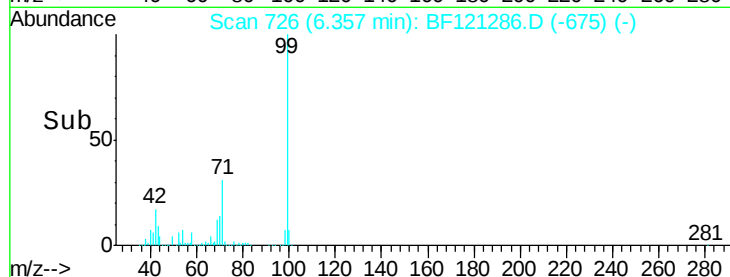
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 2.195 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

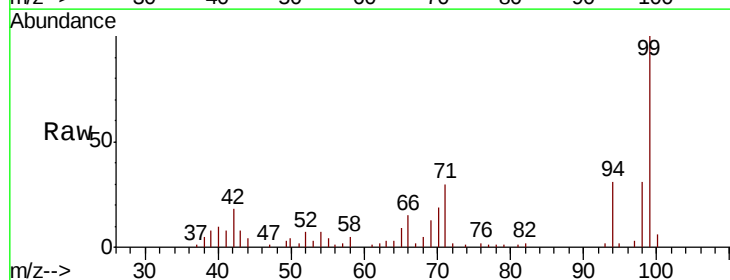
Tgt Ion: 94 Resp: 9916

Ion Ratio Lower Upper

94 100

65 29.7 13.0 53.0

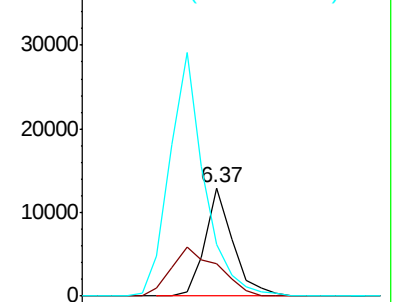
66 48.3 26.1 66.1



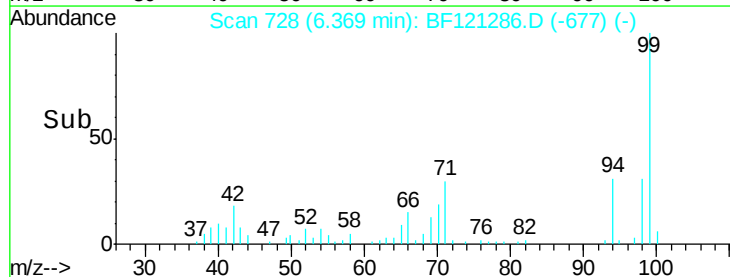
Abundance Ion 94.00 (93.70 to 94.70): BF1

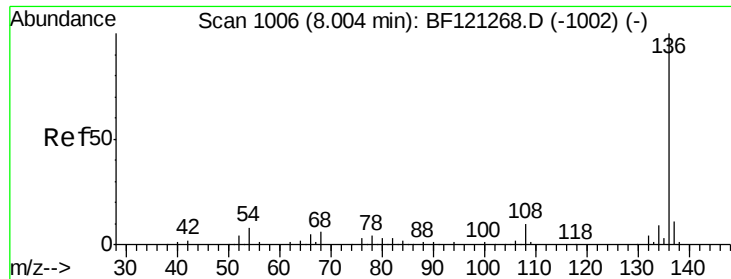
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



Time-->

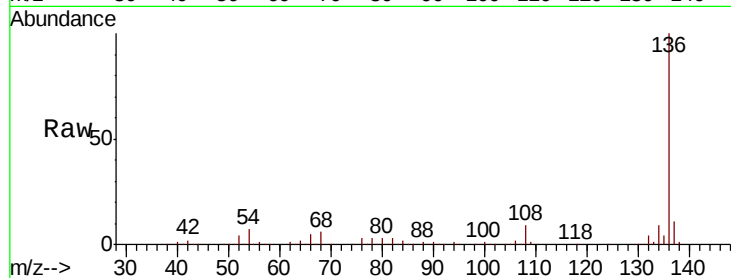




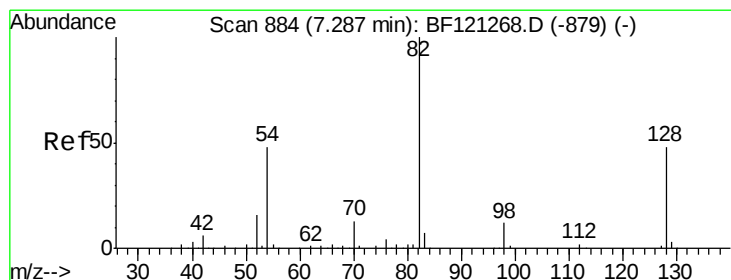
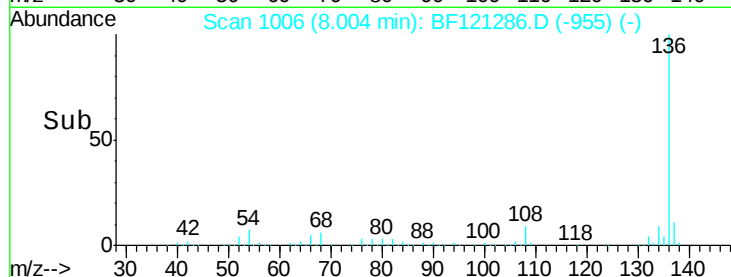
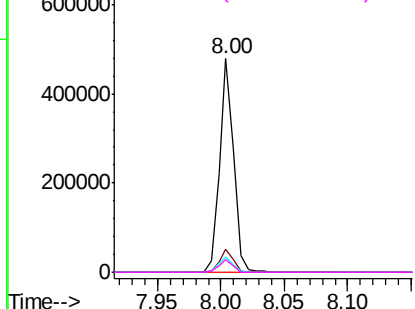
#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

Instrument :
BNA_F
ClientSampleId :
SP1-1

Tot Ion:136 Resp: 374149
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 5.3 7.9
68 5.7 4.2 6.2

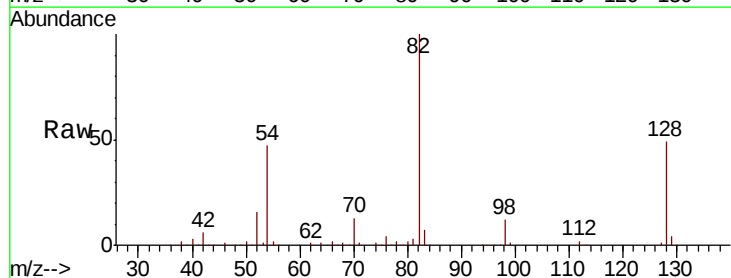


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

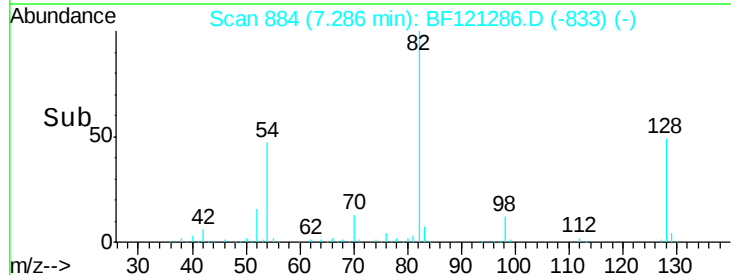
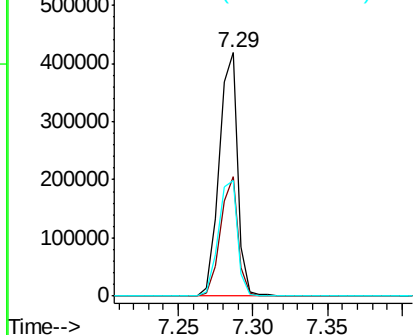


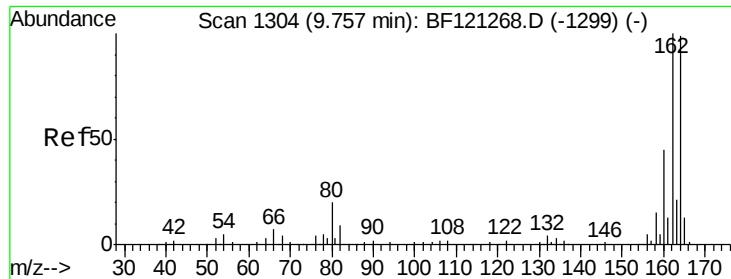
#23
Nitrobenzene-d5
Concen: 107.330 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

Tgt Ion: 82 Resp: 367386
Ion Ratio Lower Upper
82 100
128 49.3 39.8 59.8
54 47.3 37.7 56.5



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





#39

Acenaphthene-d10

Concen: 40.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

Instrument :

BNA_F

ClientSampleId :

SP1-1

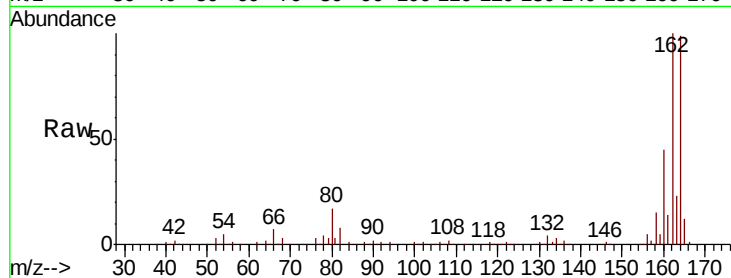
Tot Ion:164 Resp: 188017

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

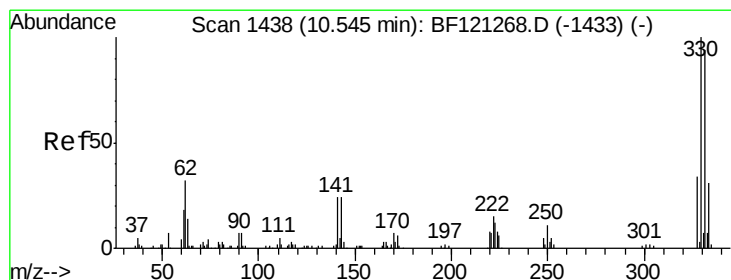
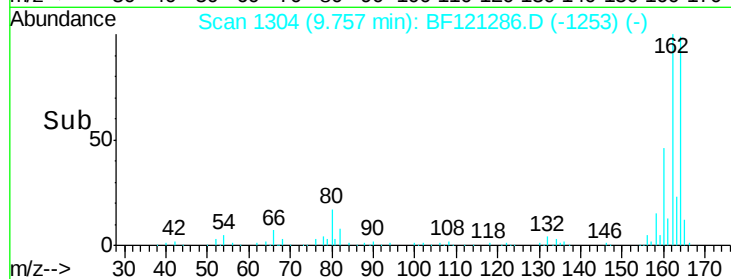
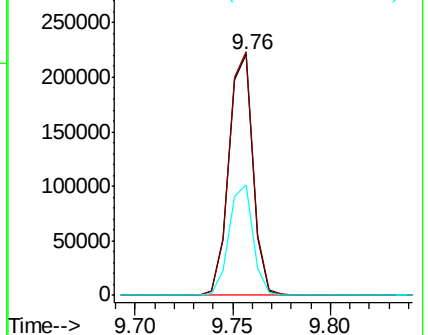
160 46.0 36.9 55.3



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: 139.697 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

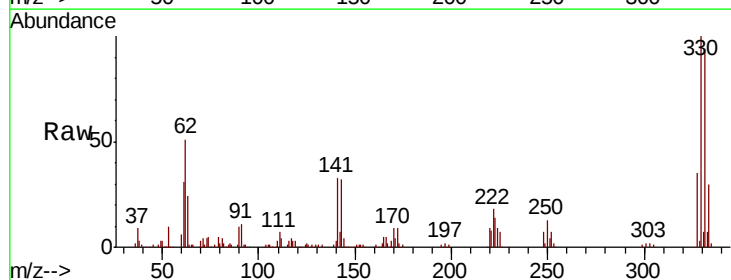
Tgt Ion:330 Resp: 161690

Ion Ratio Lower Upper

330 100

332 95.3 75.4 113.0

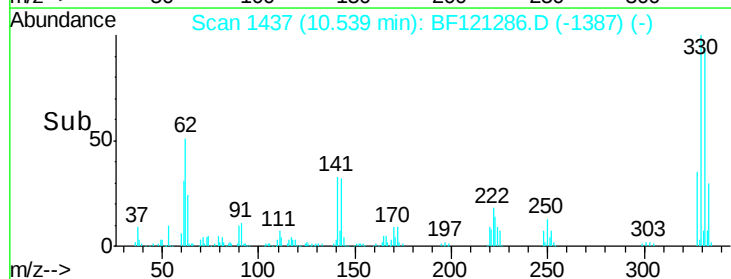
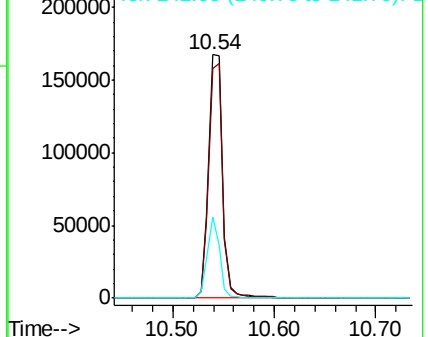
141 29.5 23.4 35.2

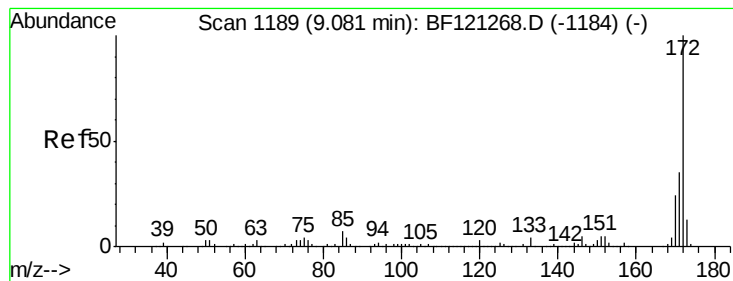


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 104.866 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

Instrument :

BNA_F

ClientSampleId :

SP1-1

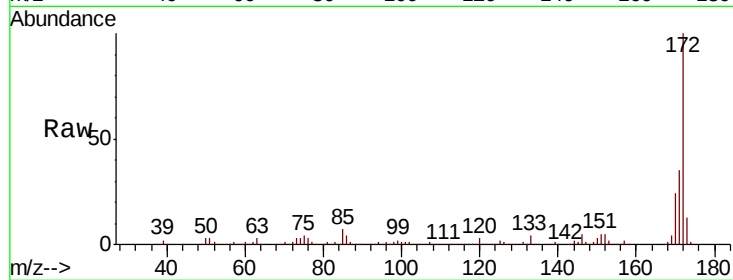
Tot Ion:172 Resp: 712669

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

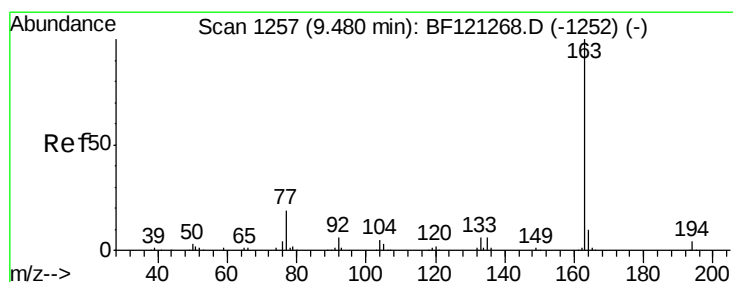
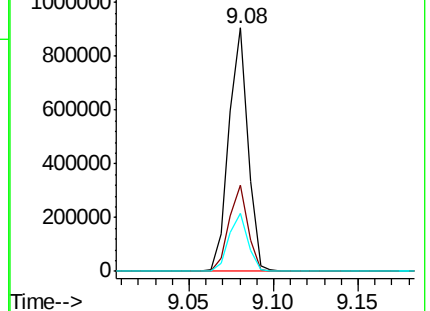
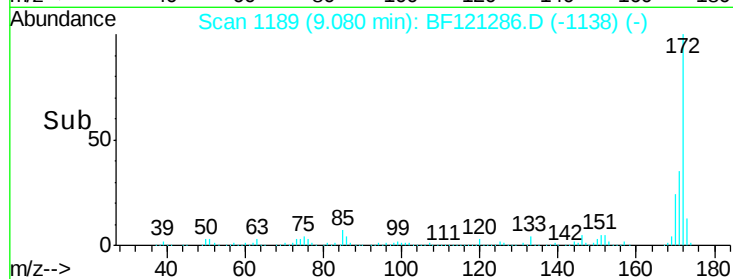
170 23.9 19.3 28.9



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: 9.672 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

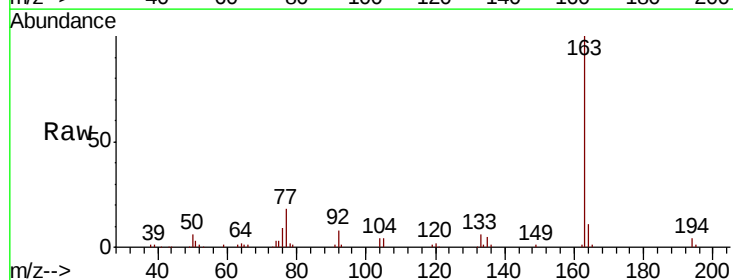
Tgt Ion:163 Resp: 68422

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

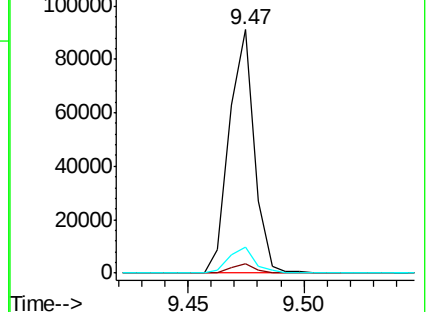
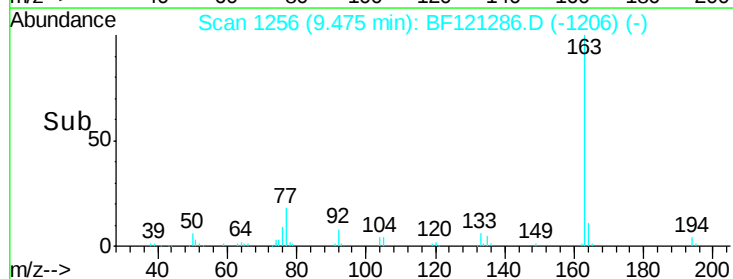
164 10.5 8.1 12.1

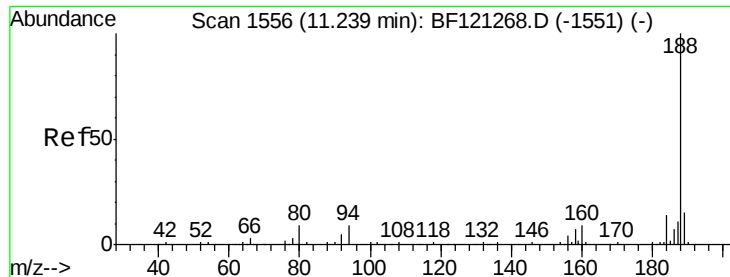


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

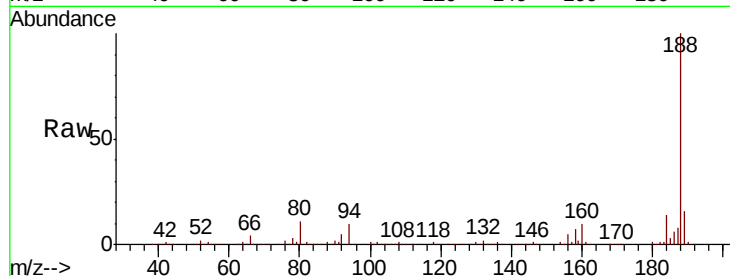




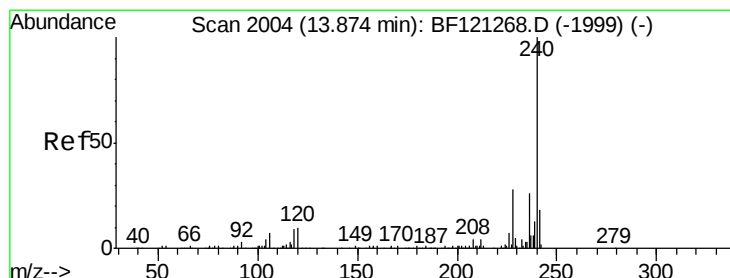
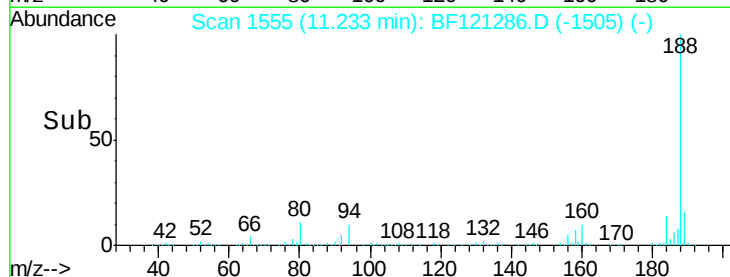
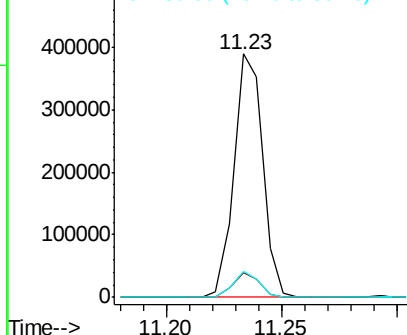
#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

Instrument :
BNA_F
ClientSampled :
SP1-1

Tot Ion:188 Resp: 337926
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 10.8 7.4 11.0

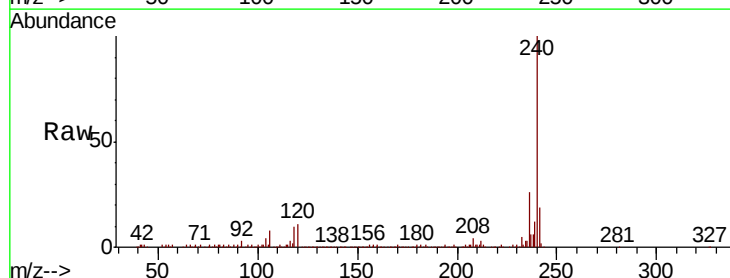


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

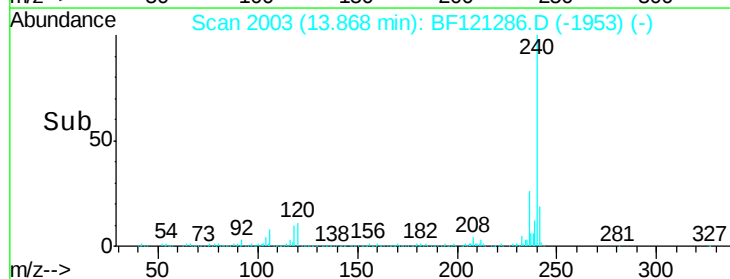
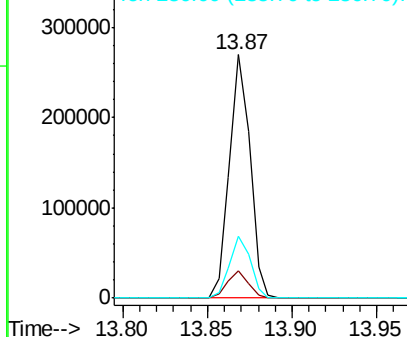


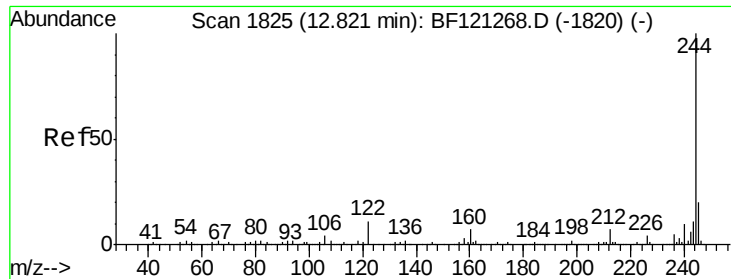
#76
Chrysene-d12
Concen: 40.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

Tgt Ion:240 Resp: 230363
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.7 21.0 31.4



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





#79

Terphenyl-d14

Concen: 112.047 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

Instrument :

BNA_F

ClientSampleId :

SP1-1

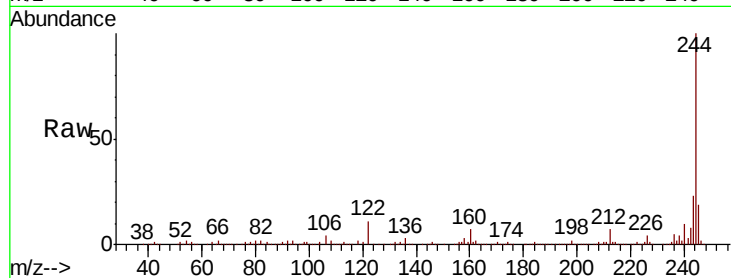
Tot Ion:244 Resp: 662056

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

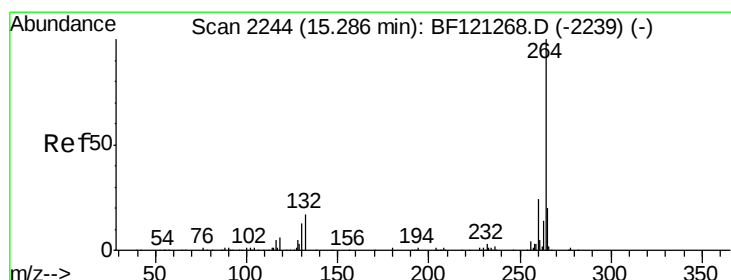
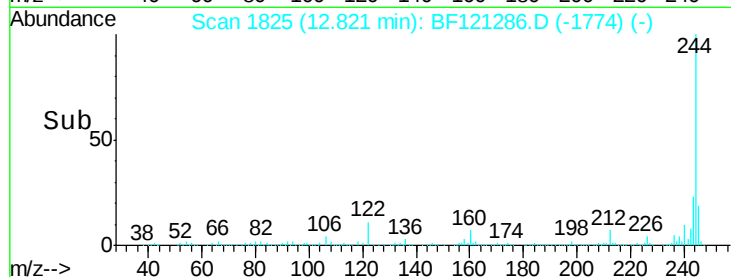
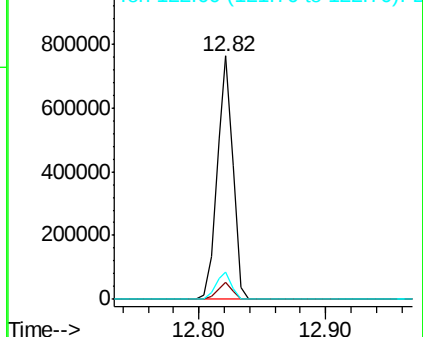
122 11.1 9.1 13.7



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: 40.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

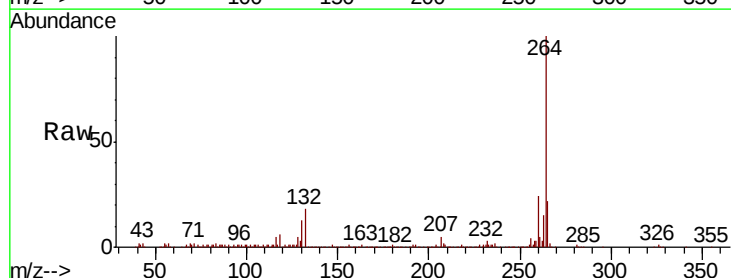
Tgt Ion:264 Resp: 225669

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.0 17.1 25.7



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

