

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
 Data File : BF121560.D
 Acq On : 14 Sep 2020 15:00
 Operator : JU/CG
 Sample : L3953-01DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N2930SDL

Quant Time: Sep 14 16:50:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

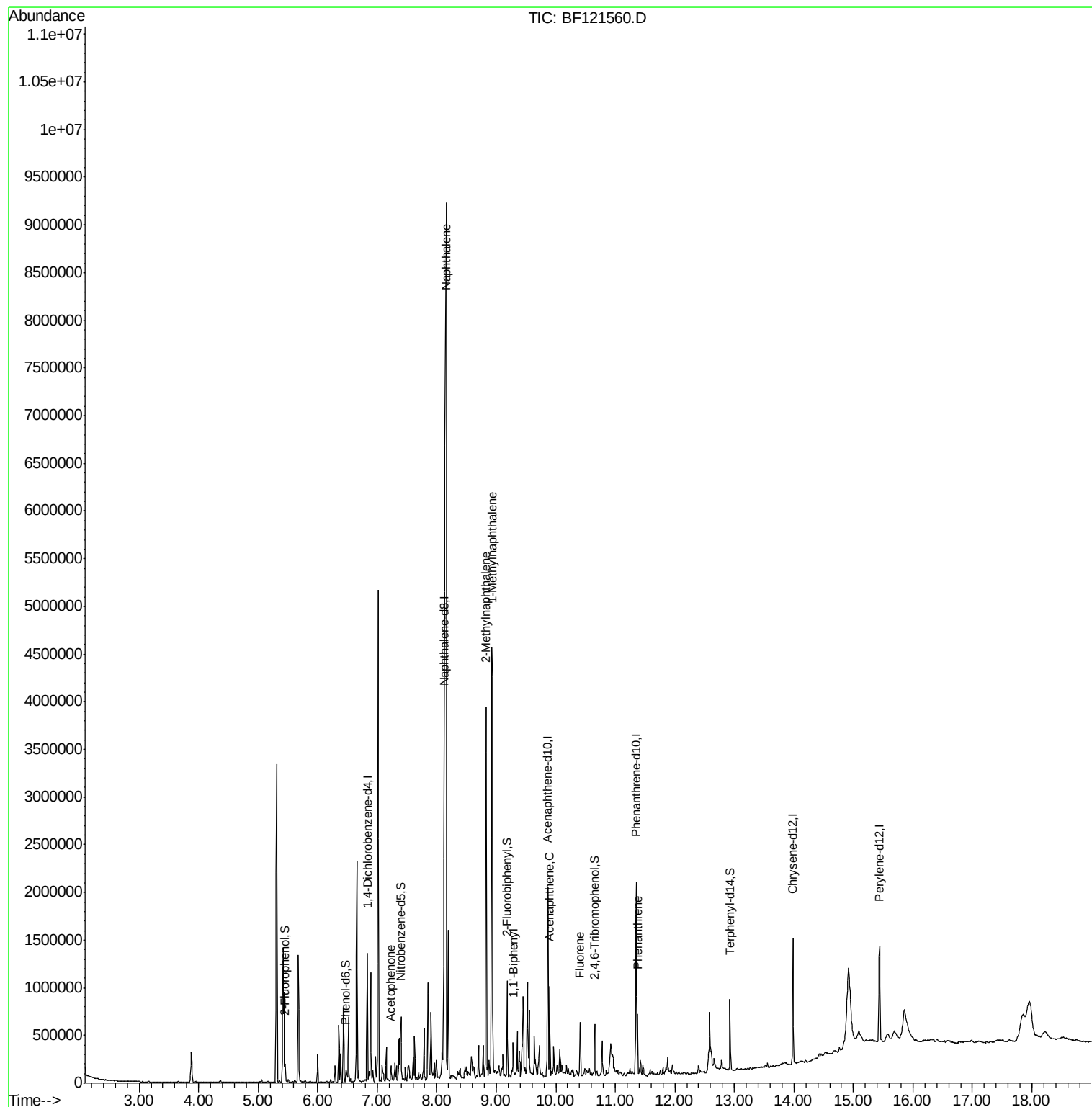
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	189559	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	677955	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	377462	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	676225	20.00	ng	0.00
76) Chrysene-d12	13.99	240	457838	20.00	ng	0.00
86) Perylene-d12	15.44	264	441790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	62587	4.91	ng	0.00
7) Phenol-d6	6.47	99	48312	2.89	ng	0.01
23) Nitrobenzene-d5	7.39	82	121079	9.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	54196	11.55	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	252261	10.12	ng	0.00
79) Terphenyl-d14	12.93	244	225542	9.98	ng	0.00
Target Compounds						
22) Acetophenone	7.23	105	54383	3.162	ng	Qvalue # 89
31) Naphthalene	8.16	128	7867726	219.841	ng	94
37) 2-Methylnaphthalene	8.83	142	1059304	45.166	ng	98
38) 1-Methylnaphthalene	8.93	142	1249222	57.231	ng	99
46) 1,1'-Biphenyl	9.29	154	87983	2.912	ng	97
52) Acenaphthene	9.90	154	160778	6.957	ng	98
58) Fluorene	10.41	166	143373	5.761	ng	98
71) Phenanthrene	11.37	178	214664	5.826	ng	98

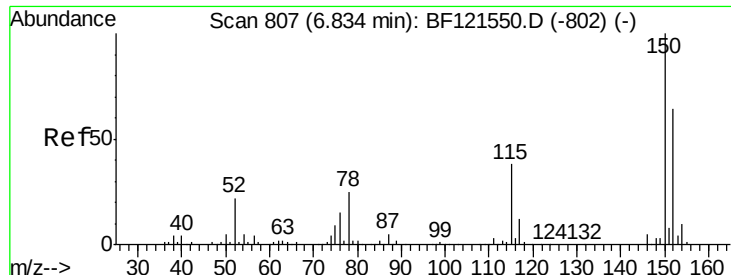
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121560.D
Acq On : 14 Sep 2020 15:00
Operator : JU/CG
Sample : L3953-01DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N2930SDL

Quant Time: Sep 14 16:50:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration



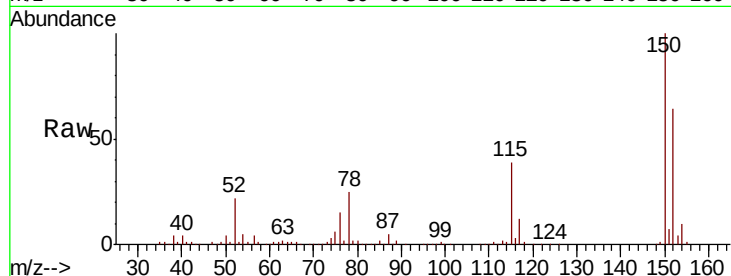


#1

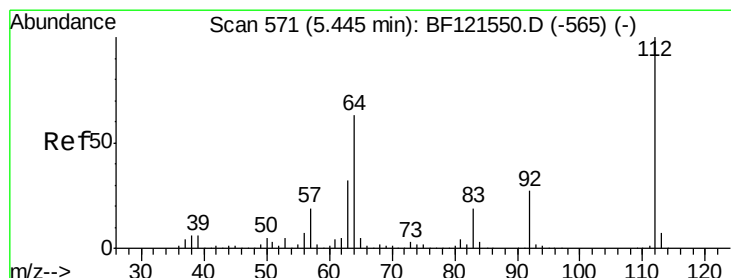
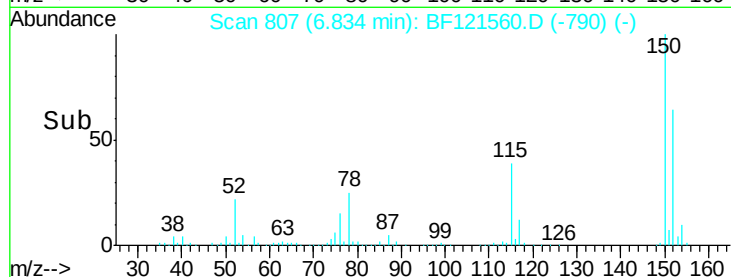
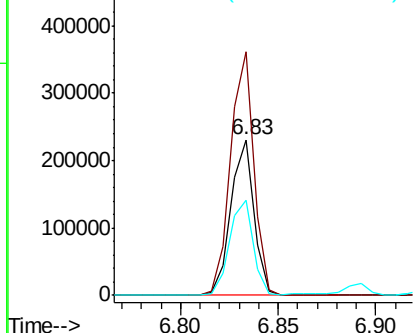
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121560.D
Acq: 14 Sep 2020 15:00

Instrument :
BNA_F
ClientSampleId :
N2930SDL

Tot Ion:152 Resp: 189559
Ion Ratio Lower Upper
152 100
150 156.5 125.8 188.6
115 60.8 47.8 71.8



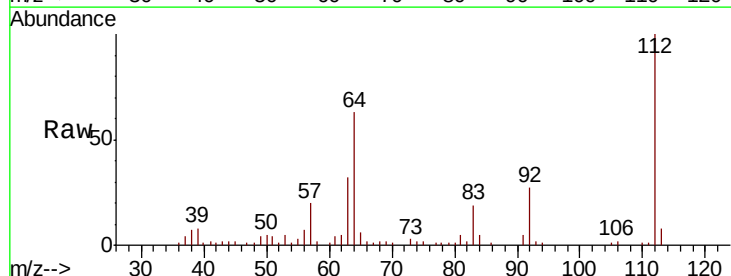
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



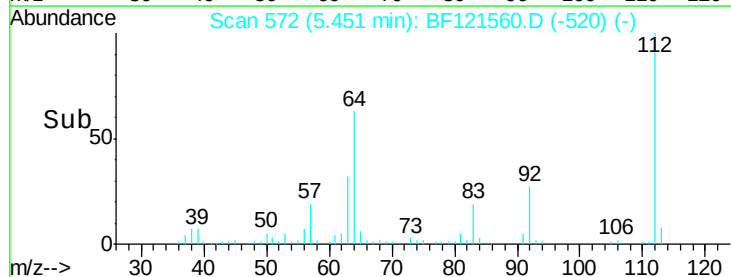
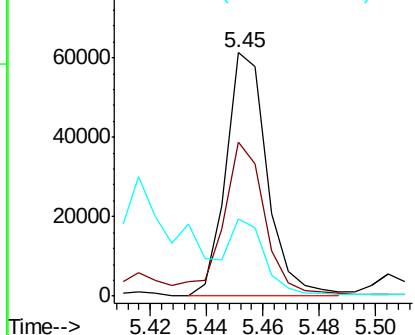
#5

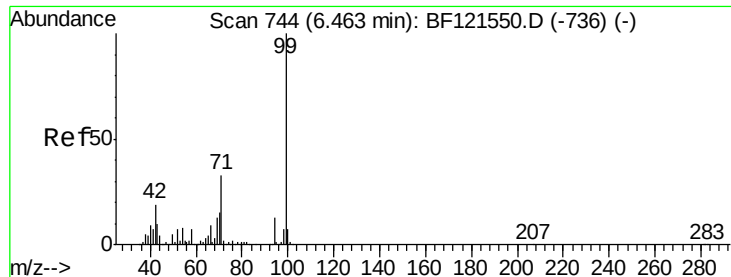
2-Fluorophenol
Concen: 4.907 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF121560.D
Acq: 14 Sep 2020 15:00

Tgt Ion:112 Resp: 62587
Ion Ratio Lower Upper
112 100
64 63.5 50.3 75.5
63 32.0 25.6 38.4



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: 2.887 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

Instrument :

BNA_F

ClientSampleId :

N2930SDL

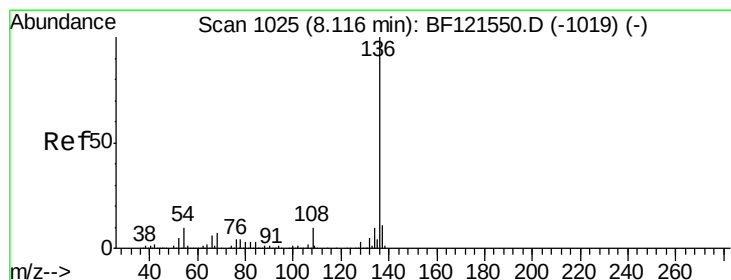
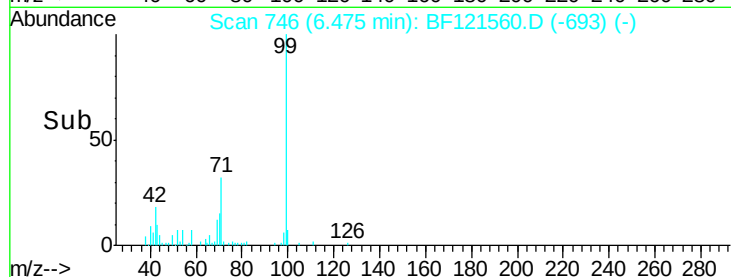
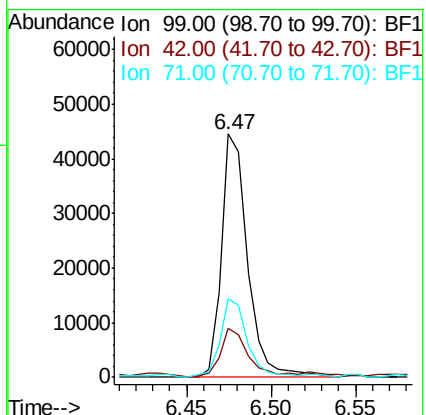
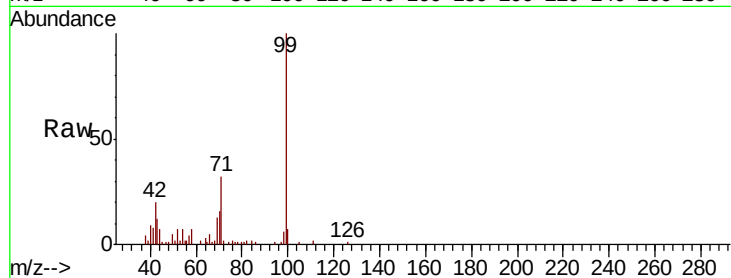
Tot Ion: 99 Resp: 48312

Ion Ratio Lower Upper

99 100

42 20.2 15.5 23.3

71 32.4 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

Tgt Ion: 136 Resp: 677955

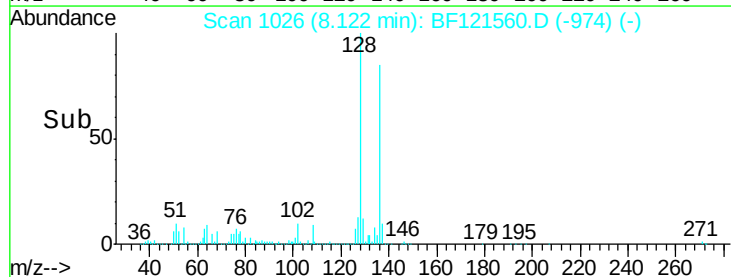
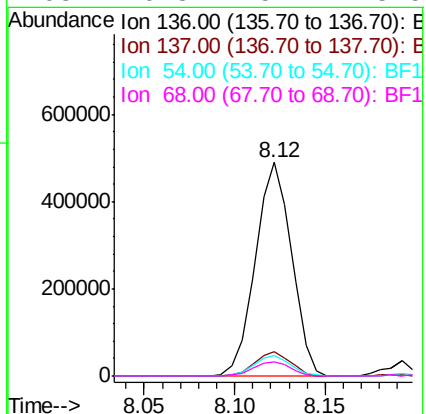
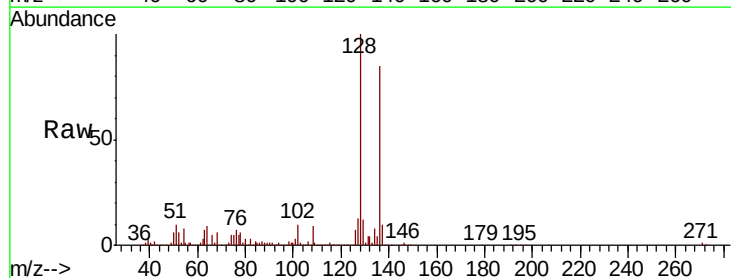
Ion Ratio Lower Upper

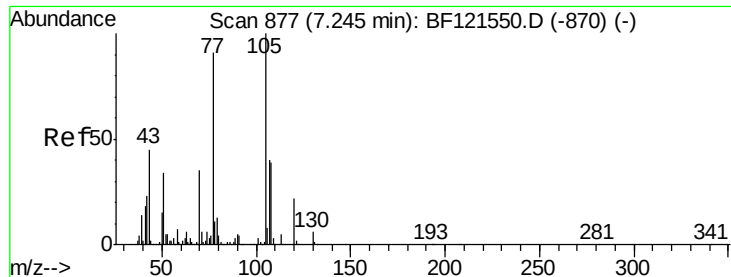
136 100

137 11.1 9.0 13.6

54 9.4 7.6 11.4

68 6.8 5.7 8.5

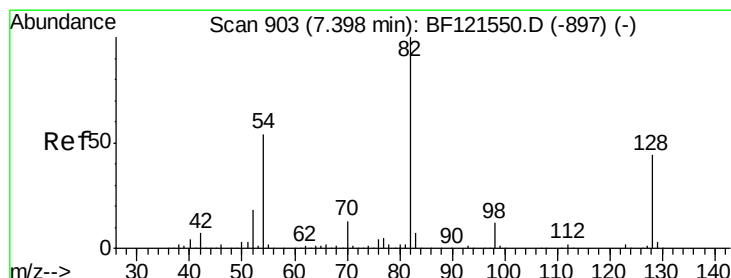
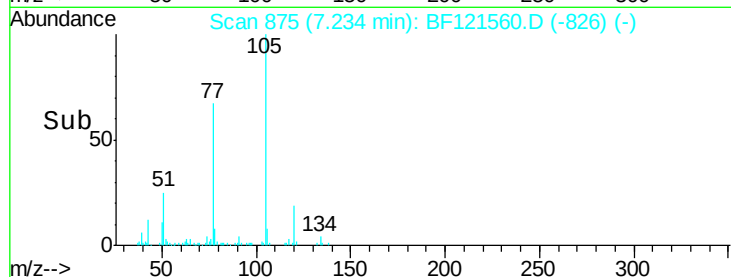
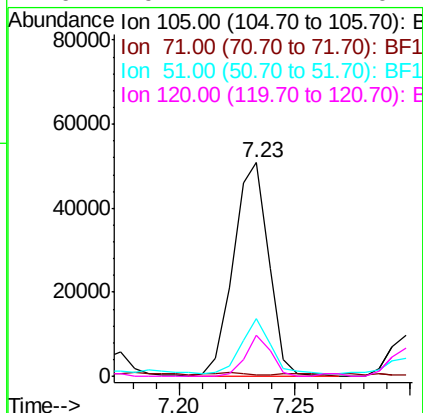
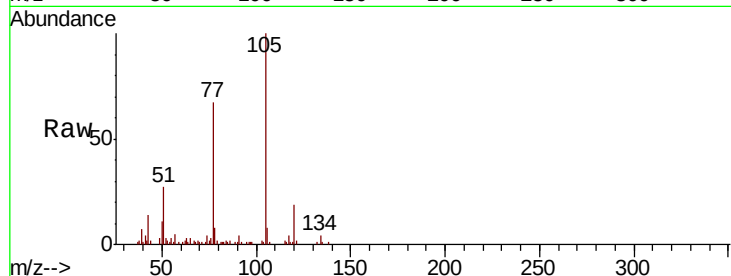




#22
Acetophenone
Concen: 3.162 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF121560.D
Acq: 14 Sep 2020 15:00

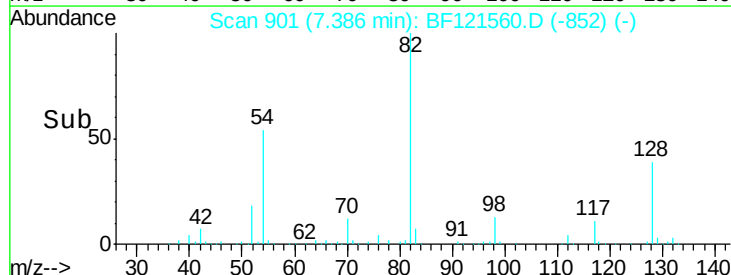
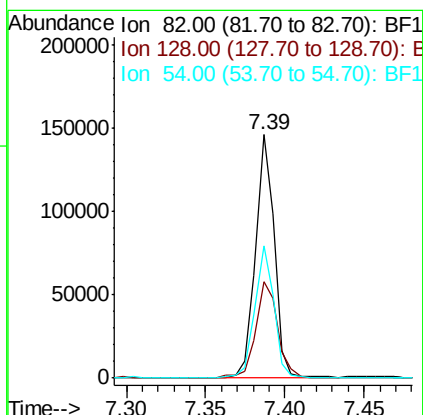
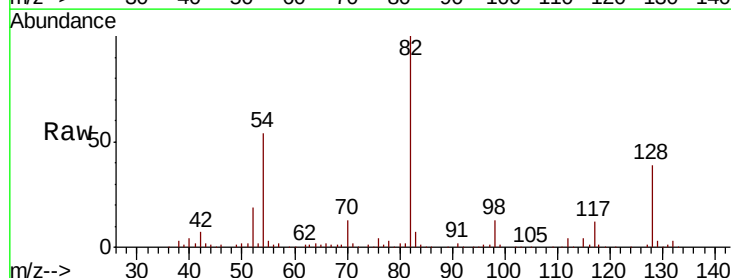
Instrument :
BNA_F
ClientSampleId :
N2930SDL

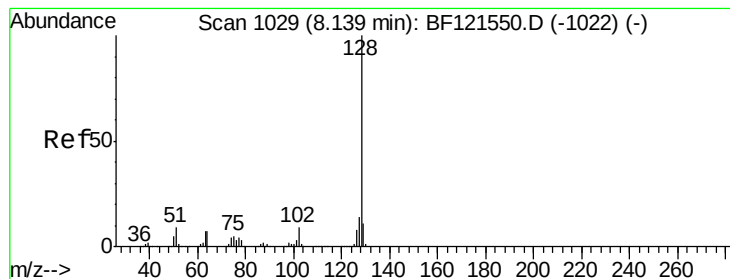
Tot Ion:105 Resp: 54383
Ion Ratio Lower Upper
105 100
71 0.9 4.6 7.0#
51 26.7 27.6 41.4#
120 19.1 17.4 26.2



#23
Nitrobenzene-d5
Concen: 9.589 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121560.D
Acq: 14 Sep 2020 15:00

Tgt Ion: 82 Resp: 121079
Ion Ratio Lower Upper
82 100
128 39.4 35.1 52.7
54 54.2 43.0 64.6





#31

Naphthalene

Concen: 219.841 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.02 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

Instrument :

BNA_F

ClientSampleId :

N2930SDL

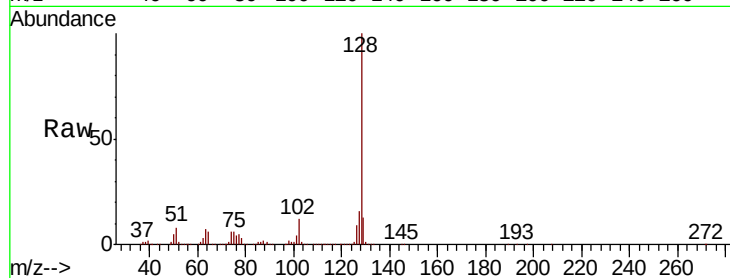
Tot Ion:128 Resp: 7867726

Ion Ratio Lower Upper

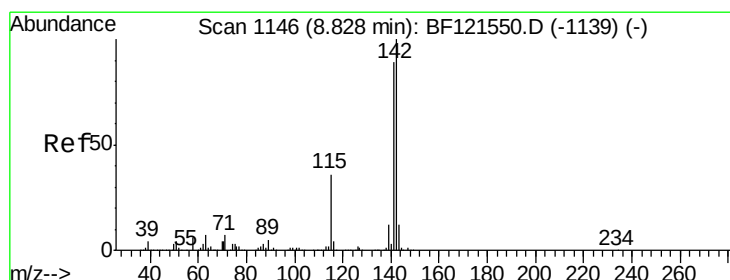
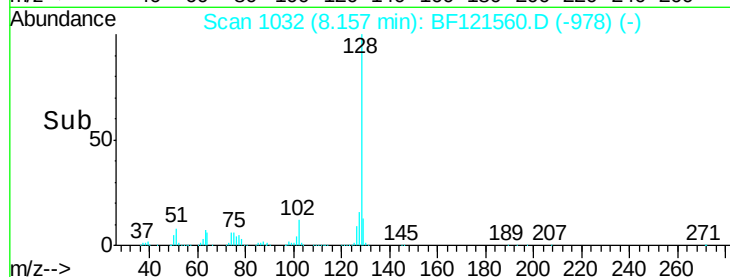
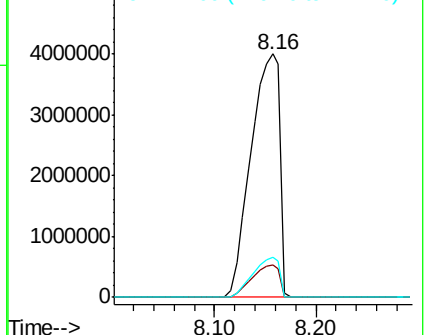
128 100

129 13.3 9.1 13.7

127 16.4 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 45.166 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

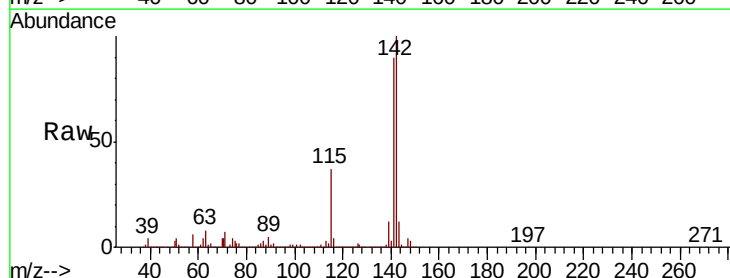
Tgt Ion:142 Resp: 1059304

Ion Ratio Lower Upper

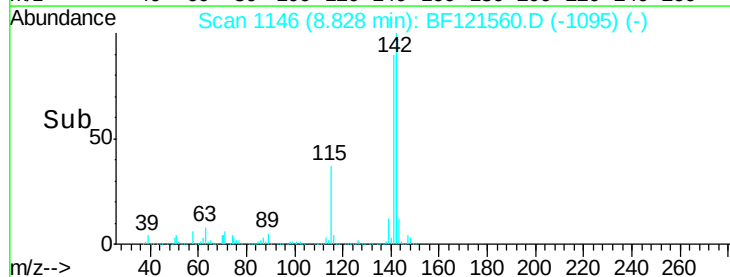
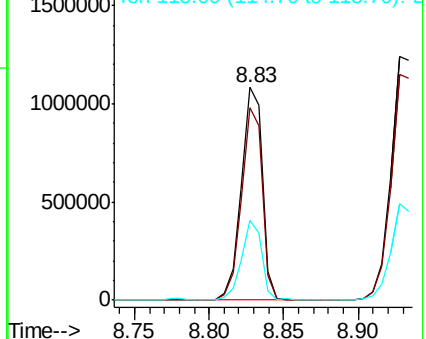
142 100

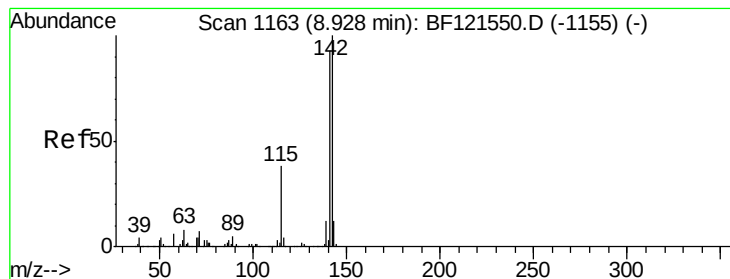
141 90.4 71.5 107.3

115 37.4 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 57.231 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

Instrument :

BNA_F

ClientSampleId :

N2930SDL

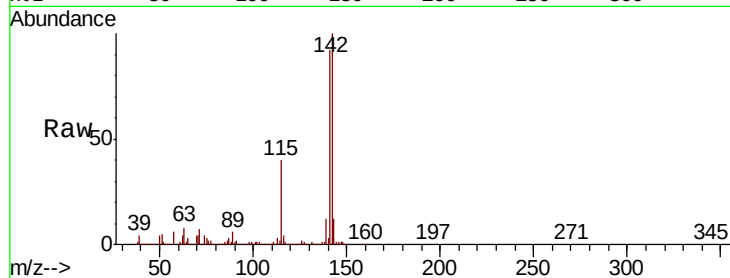
Tot Ion:142 Resp: 1249222

Ion Ratio Lower Upper

142 100

141 92.4 74.8 112.2

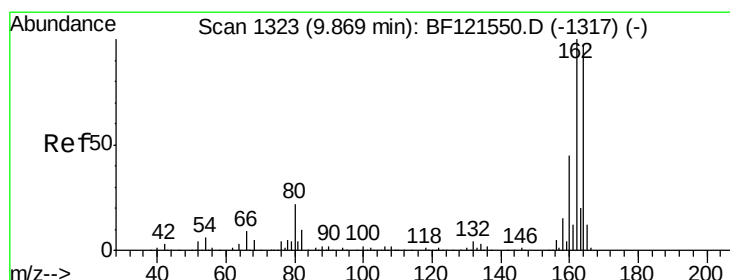
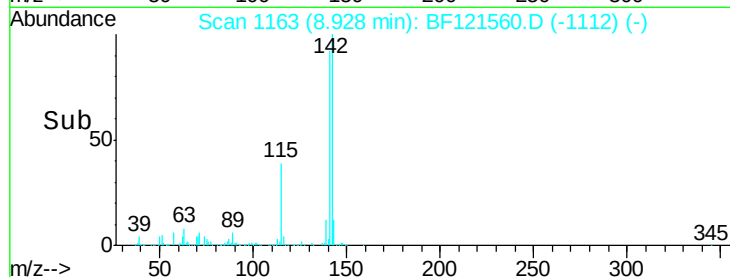
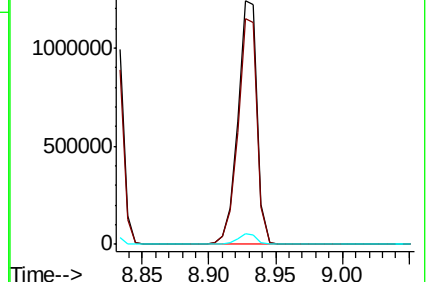
116 4.4 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

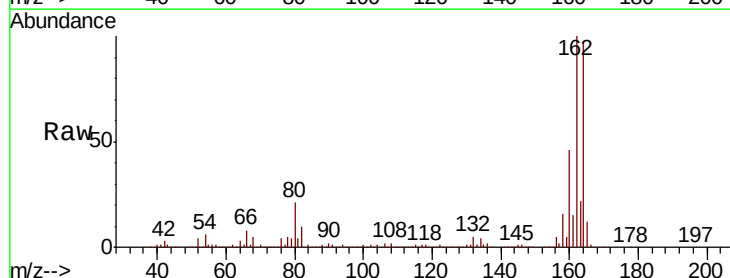
Tgt Ion:164 Resp: 377462

Ion Ratio Lower Upper

164 100

162 103.1 82.3 123.5

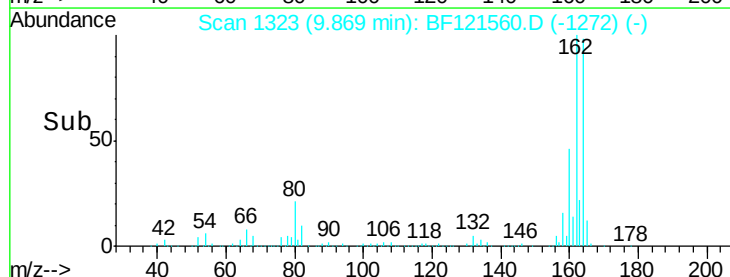
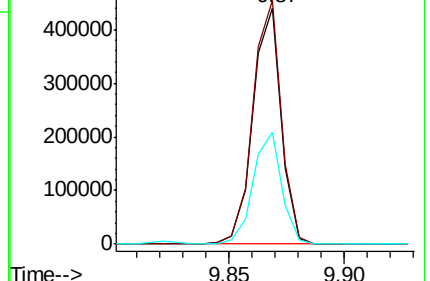
160 47.4 37.0 55.4

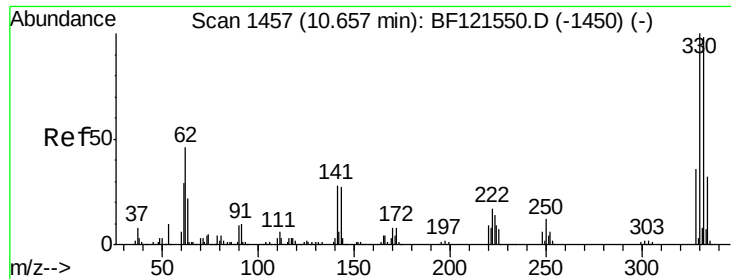


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 11.552 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

Instrument :

BNA_F

ClientSampled :

N2930SDL

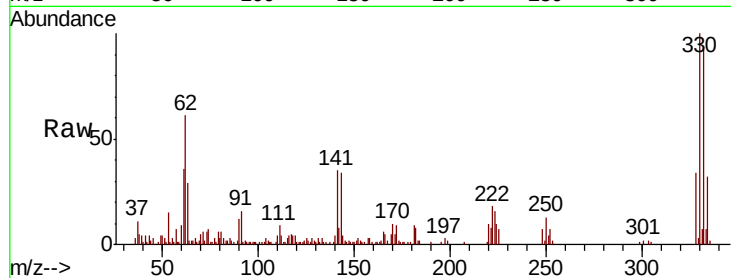
Tot Ion:330 Resp: 54196

Ion Ratio Lower Upper

330 100

332 94.6 77.1 115.7

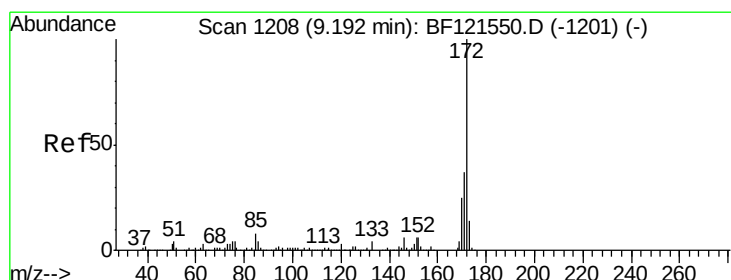
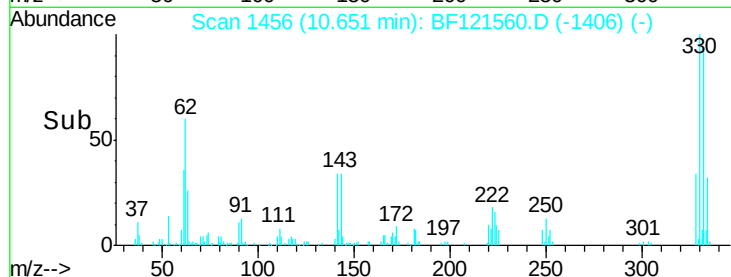
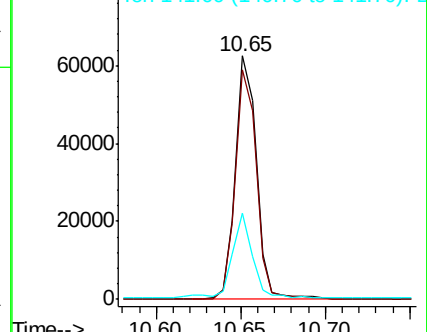
141 34.4 23.6 35.4



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: 10.122 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

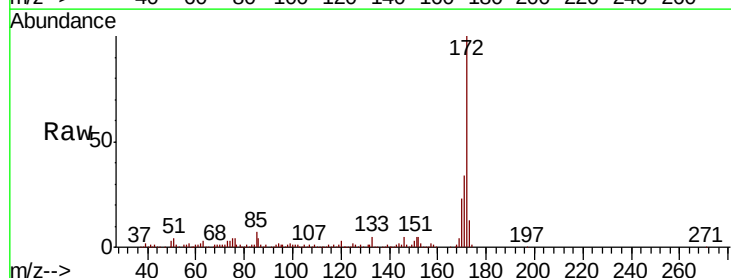
Tgt Ion:172 Resp: 252261

Ion Ratio Lower Upper

172 100

171 34.4 29.8 44.6

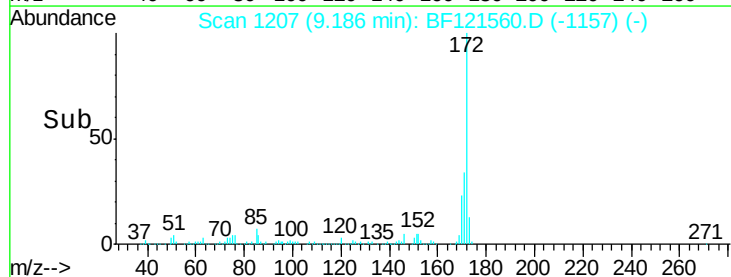
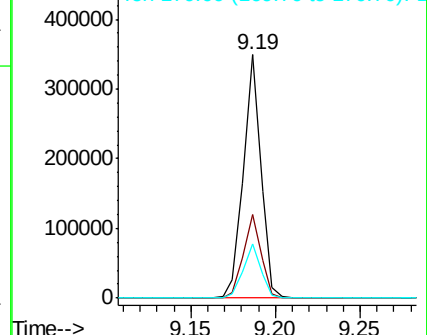
170 22.5 19.8 29.8

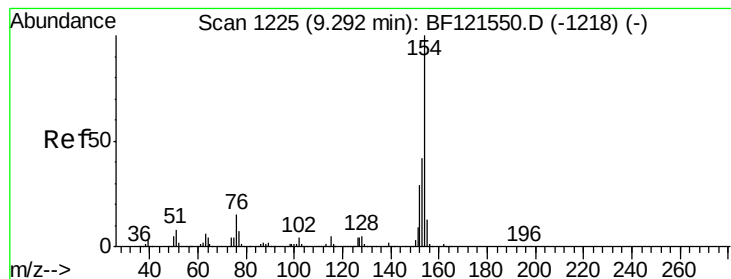


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 2.912 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

Instrument :

BNA_F

ClientSampleId :

N2930SDL

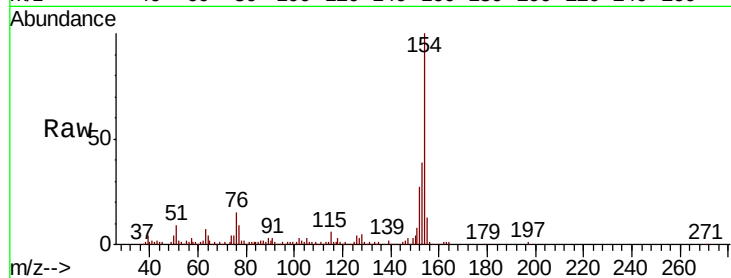
Tot Ion:154 Resp: 87983

Ion Ratio Lower Upper

154 100

153 39.1 21.7 61.7

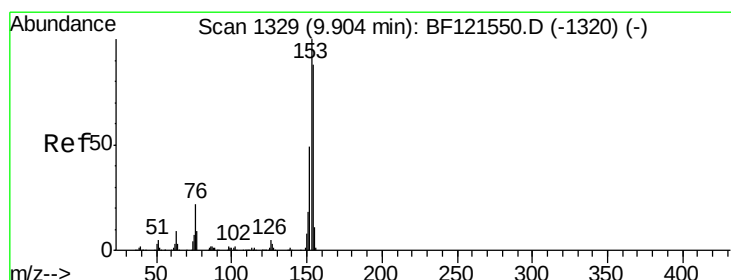
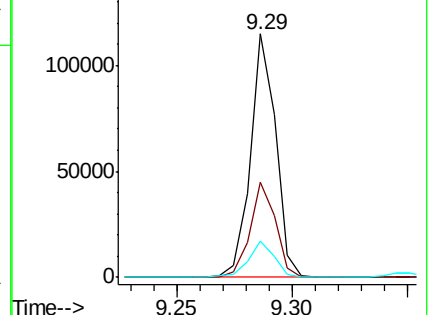
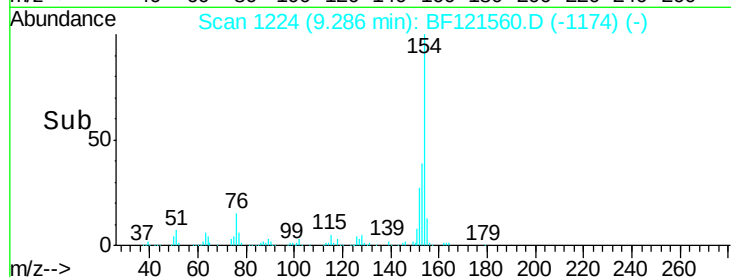
76 15.0 0.0 35.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#52

Acenaphthene

Concen: 6.957 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

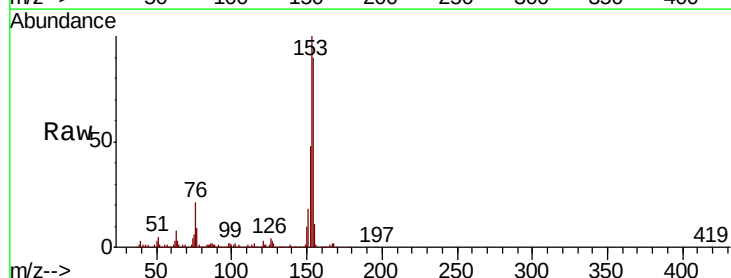
Tgt Ion:154 Resp: 160778

Ion Ratio Lower Upper

154 100

153 111.1 91.0 136.4

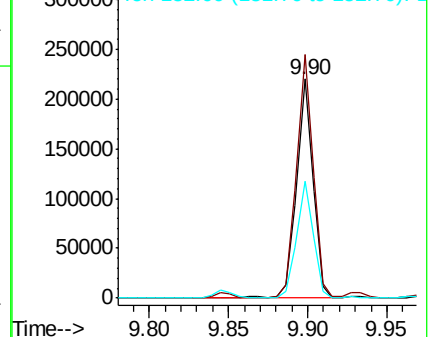
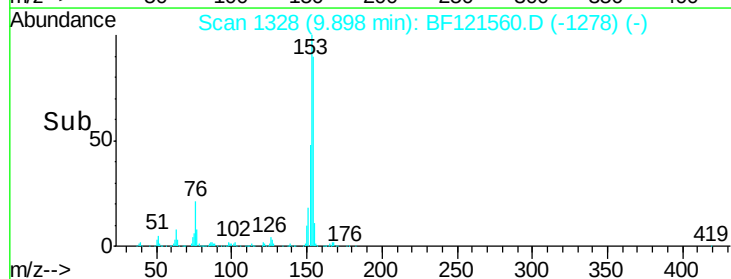
152 53.6 44.2 66.2

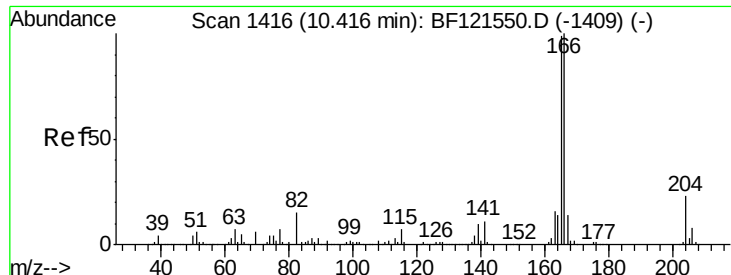


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#58

Fluorene

Concen: 5.761 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

Instrument :

BNA_F

ClientSampleId :

N2930SDL

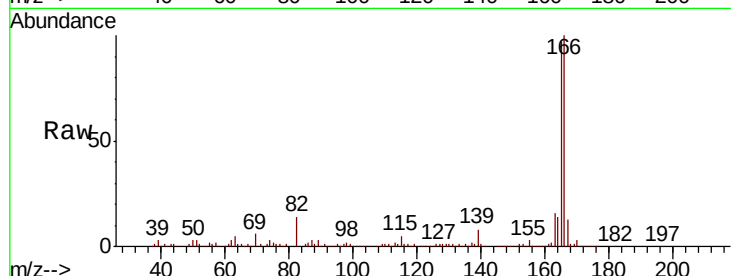
Tot Ion:166 Resp: 143373

Ion Ratio Lower Upper

166 100

165 96.8 79.0 118.4

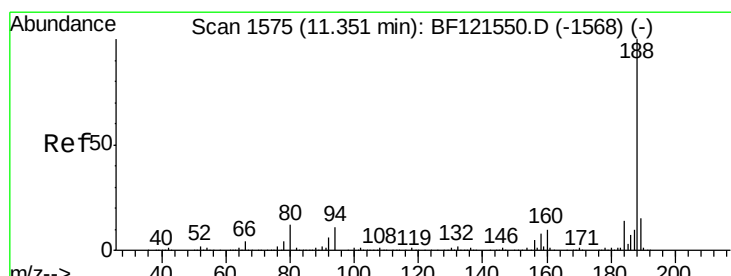
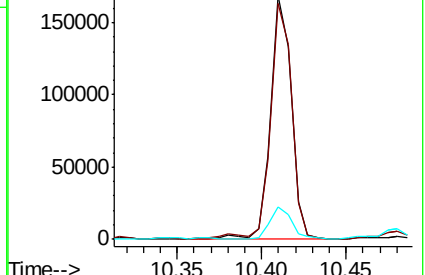
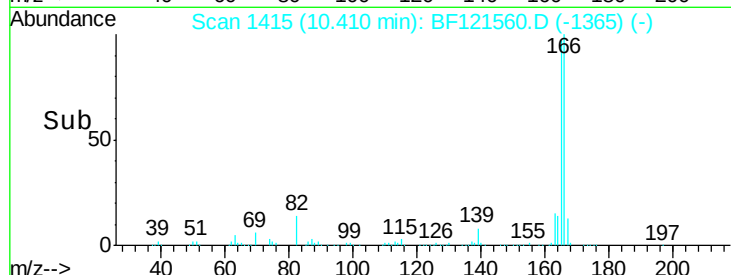
167 13.4 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

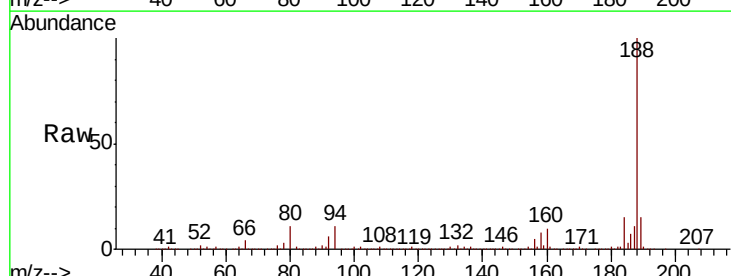
Tgt Ion:188 Resp: 676225

Ion Ratio Lower Upper

188 100

94 10.6 8.7 13.1

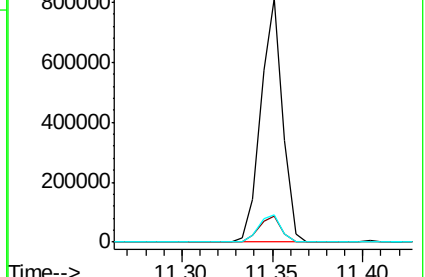
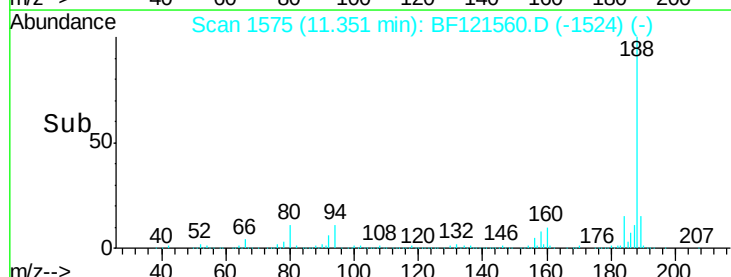
80 11.3 9.3 13.9

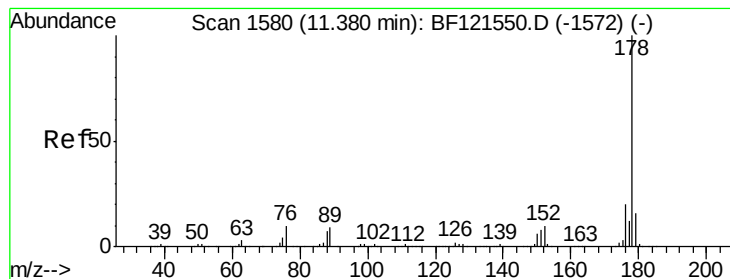


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 5.826 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

Instrument :

BNA_F

ClientSampleId :

N2930SDL

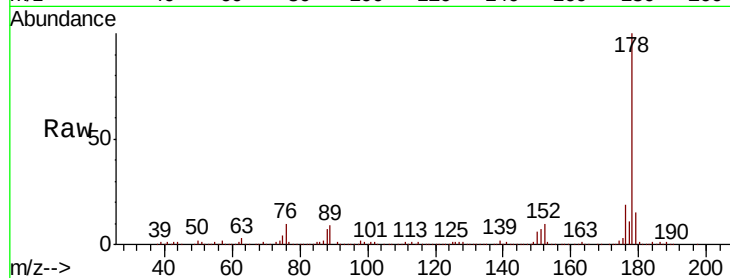
Tot Ion:178 Resp: 214664

Ion Ratio Lower Upper

178 100

176 18.7 16.2 24.4

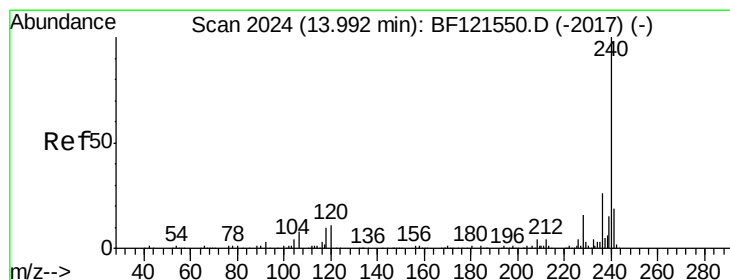
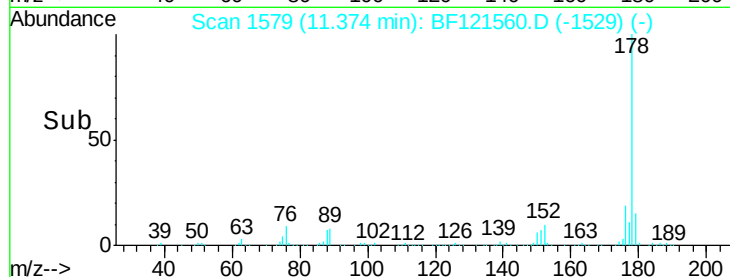
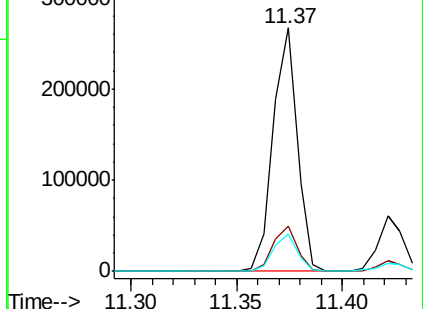
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

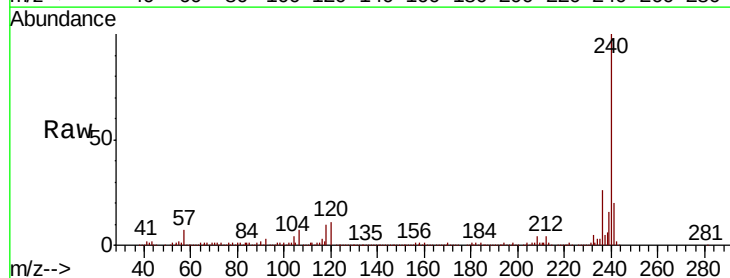
Tgt Ion:240 Resp: 457838

Ion Ratio Lower Upper

240 100

120 10.9 9.2 13.8

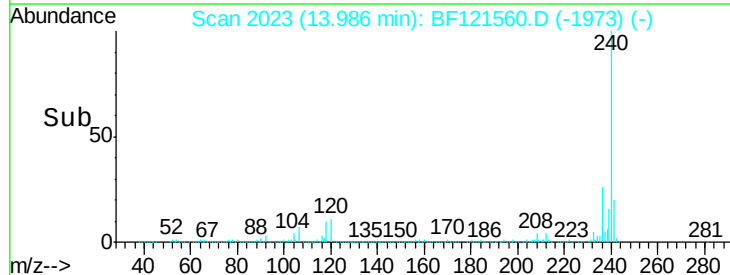
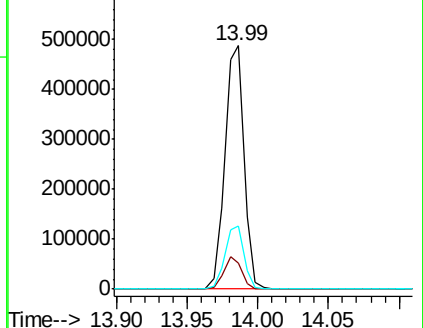
236 26.1 20.5 30.7

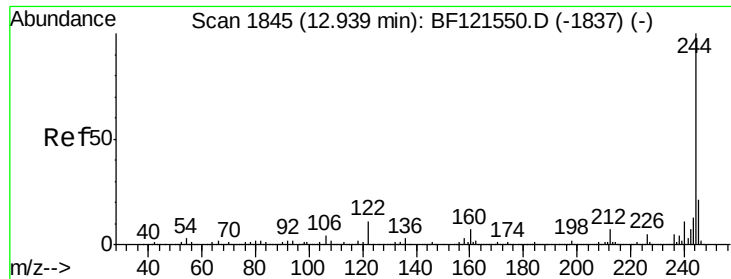


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 9.980 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

Instrument :

BNA_F

ClientSampleId :

N2930SDL

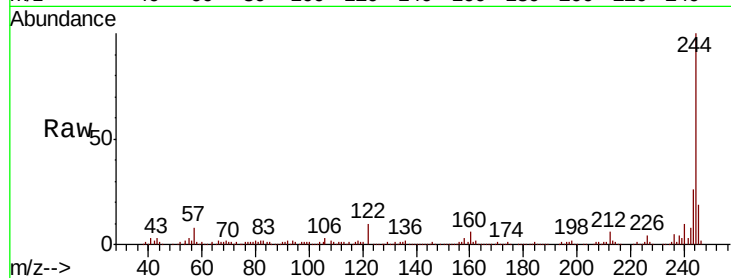
Tot Ion:244 Resp: 225542

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

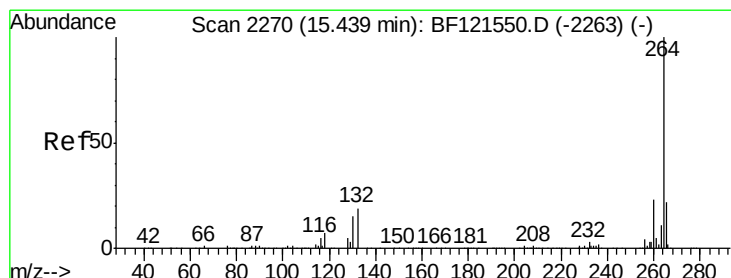
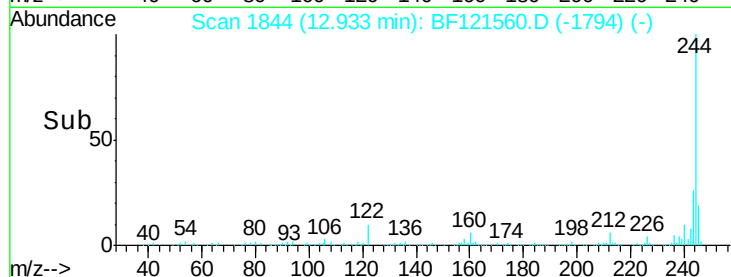
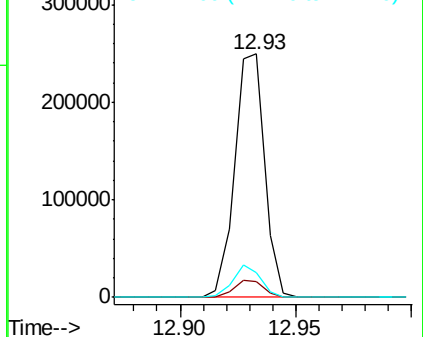
122 10.0 8.7 13.1



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: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF121560.D

Acq: 14 Sep 2020 15:00

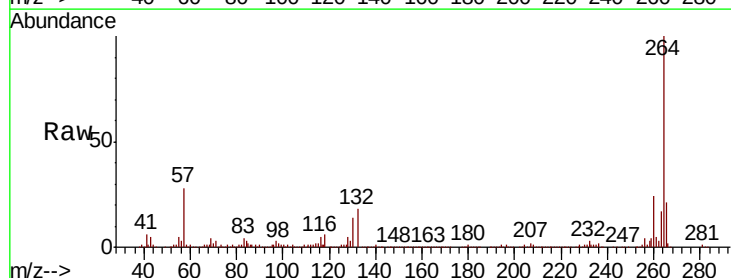
Tgt Ion:264 Resp: 441790

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.5 17.8 26.6



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

