

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127052.D
 Acq On : 23 Feb 2022 21:26
 Operator : CG\JU
 Sample : N1626-09RE 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-A5RE

Quant Time: Feb 24 02:17:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

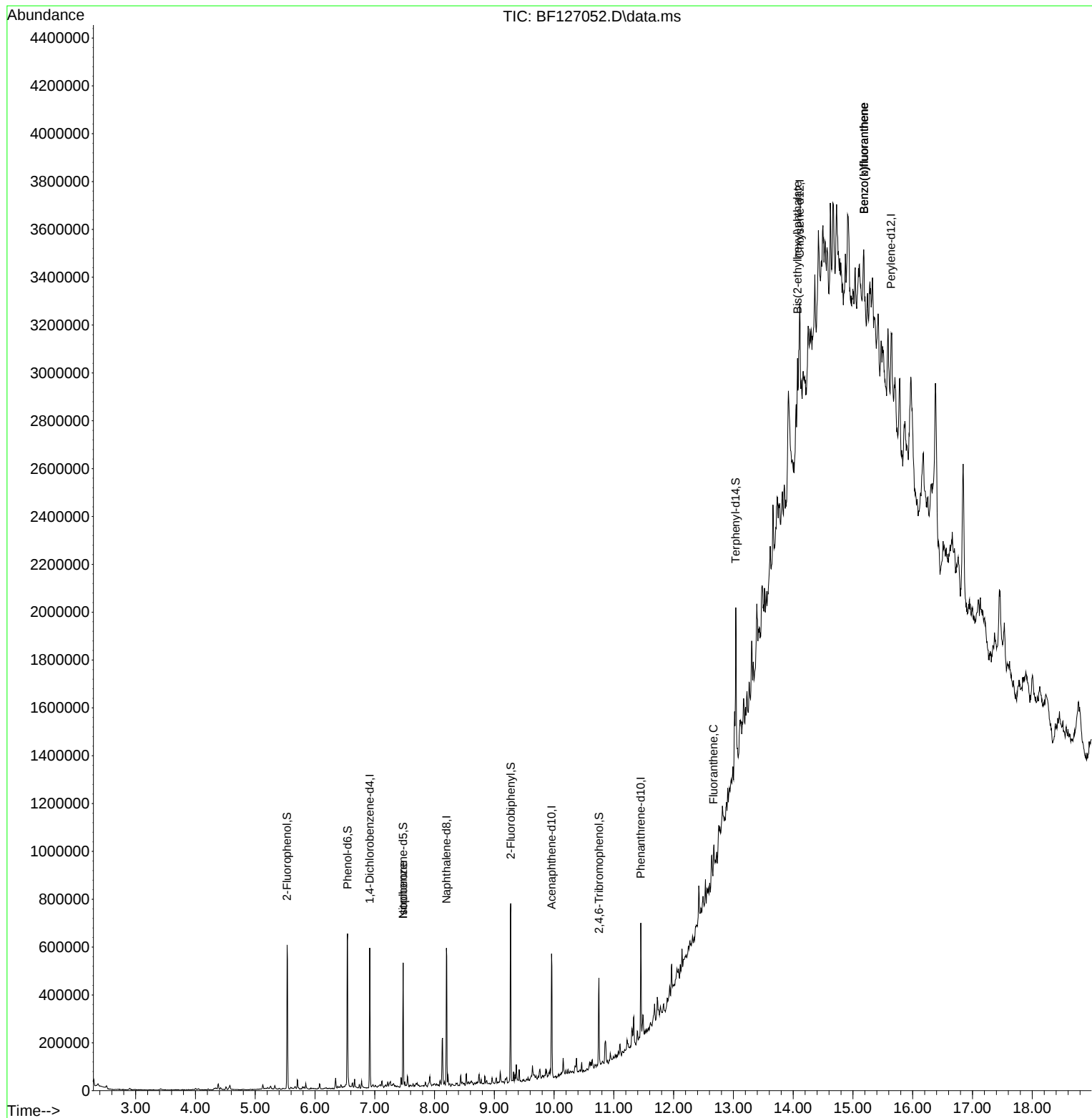
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	64960	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	225811	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	92674	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	143646	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	100176	20.000	ng	0.02
86) Perylene-d12	15.639	264	74063	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	135974	32.352	ng	0.00
7) Phenol-d6	6.545	99	179388	31.631	ng	0.00
23) Nitrobenzene-d5	7.475	82	130353	26.056	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	35906	33.651	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	199203	31.644	ng	0.00
79) Terphenyl-d14	13.039	244	182858	26.834	ng	0.01
Target Compounds						
						Qvalue
25) Isophorone	7.475	82	128576	15.532	ng	# 69
75) Fluoranthene	12.669	202	17773	2.328	ng	89
84) Bis(2-ethylhexyl)phtha...	14.074	149	79442	14.686	ng	# 96
88) Benzo(b)fluoranthene	15.186	252	11363	2.284	ng	# 1
89) Benzo(k)fluoranthene	15.186	252	11493	2.395	ng	# 1

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

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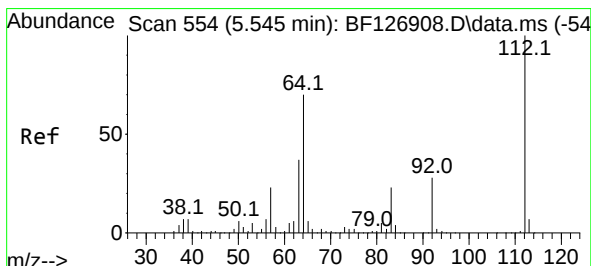
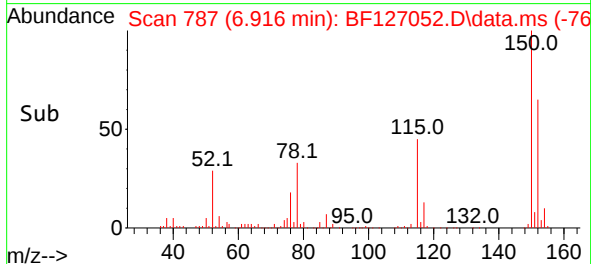
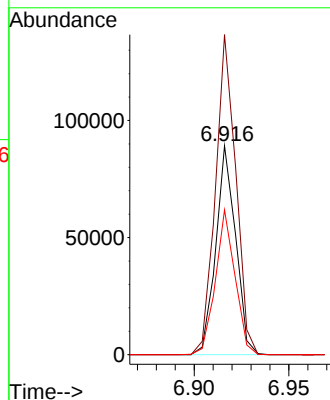
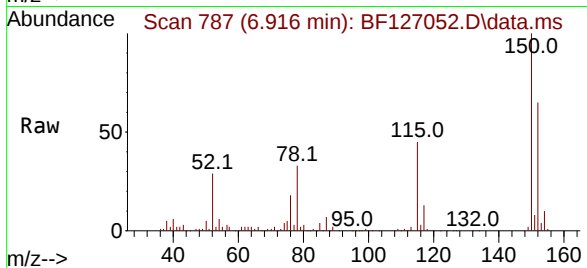




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127052.D
Acq: 23 Feb 2022 21:26

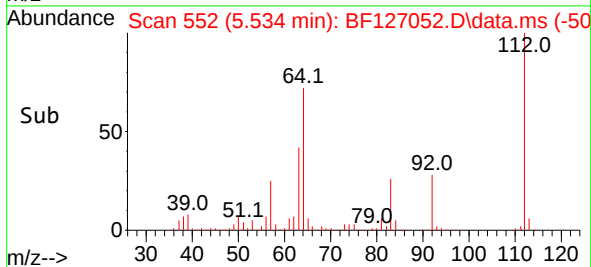
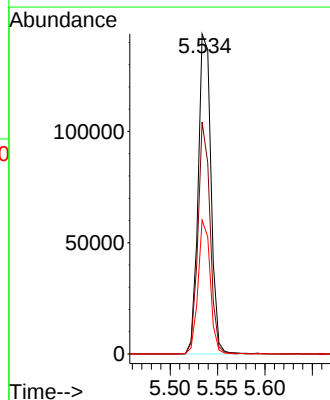
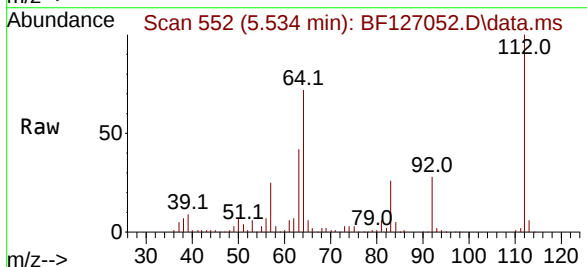
Instrument :
BNA_F
ClientSampleId :
CC-A5RE

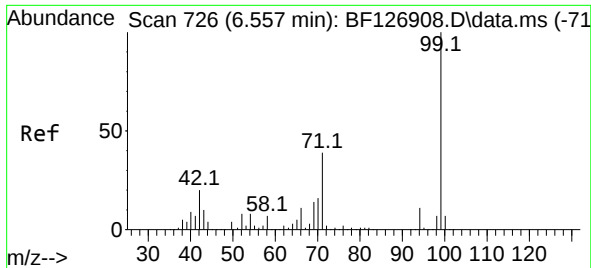
Tgt Ion:152 Resp: 64960
Ion Ratio Lower Upper
152 100
150 153.2 128.1 192.1
115 69.3 56.7 85.1



#5
2-Fluorophenol
Concen: 32.352 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.006 min
Lab File: BF127052.D
Acq: 23 Feb 2022 21:26

Tgt Ion:112 Resp: 135974
Ion Ratio Lower Upper
112 100
64 72.4 49.5 74.3
63 41.8 23.9 35.9#

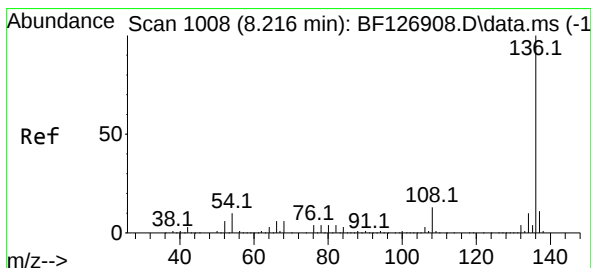
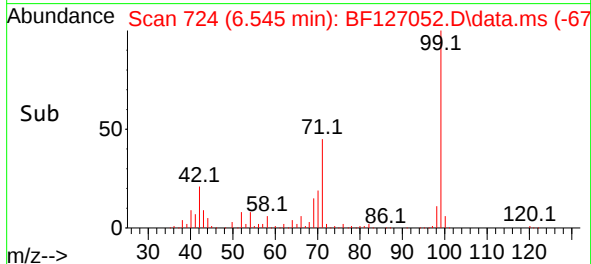
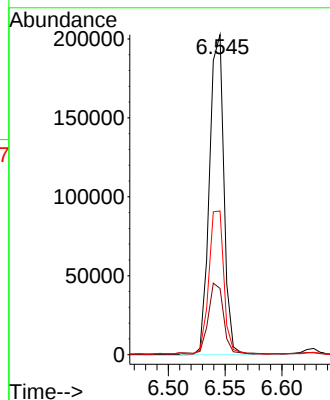
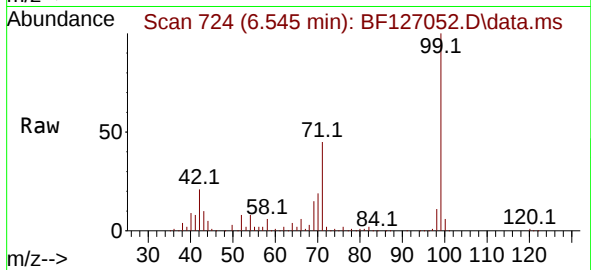




#7
Phenol-d6
Concen: 31.631 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127052.D
Acq: 23 Feb 2022 21:26

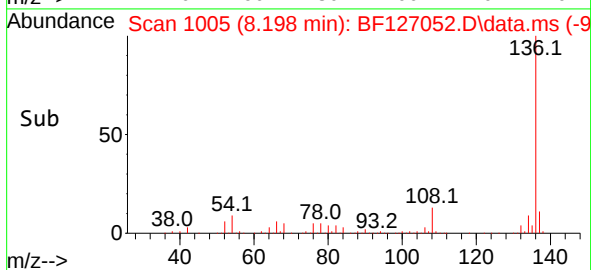
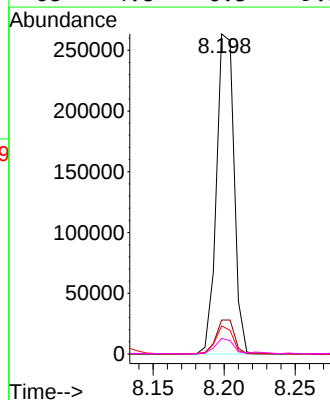
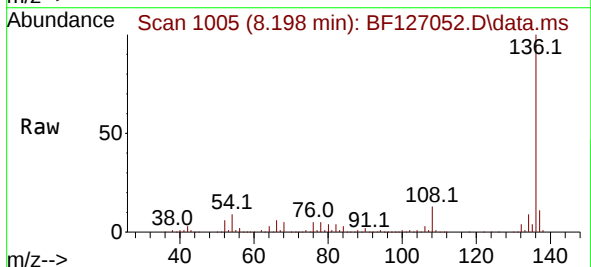
Instrument :
BNA_F
ClientSampleId :
CC-A5RE

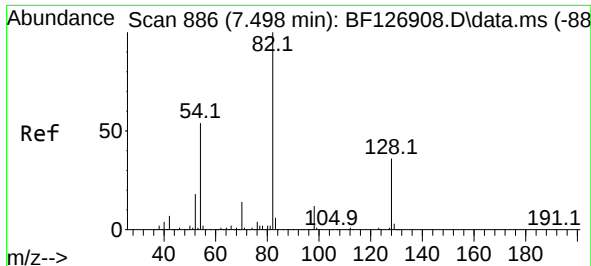
Tgt Ion: 99 Resp: 179388
Ion Ratio Lower Upper
99 100
42 20.7 14.2 21.4
71 44.9 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BF127052.D
Acq: 23 Feb 2022 21:26

Tgt Ion:136 Resp: 225811
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.8 7.8 11.6
68 4.8 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 26.056 ng

RT: 7.475 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF127052.D

Acq: 23 Feb 2022 21:26

Instrument :

BNA_F

ClientSampleId :

CC-A5RE

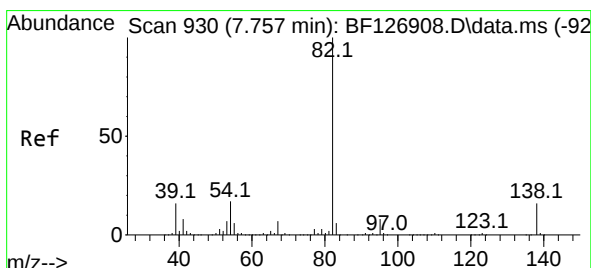
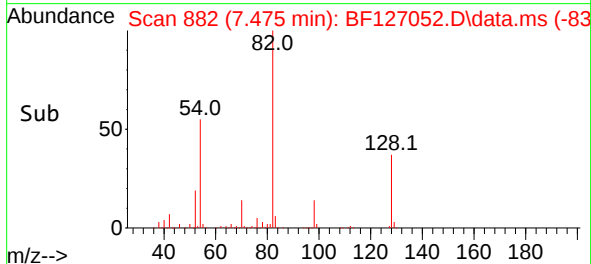
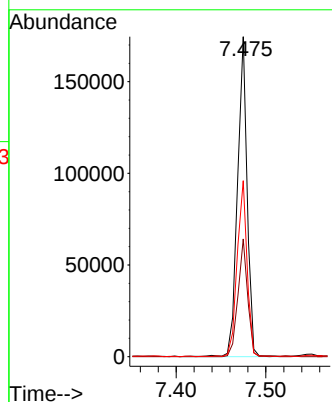
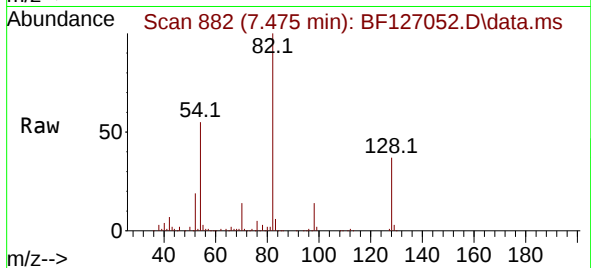
Tgt Ion: 82 Resp: 130353

Ion Ratio Lower Upper

82 100

128 36.8 32.7 49.1

54 55.0 41.7 62.5



#25

Isophorone

Concen: 15.532 ng

RT: 7.475 min Scan# 882

Delta R.T. -0.259 min

Lab File: BF127052.D

Acq: 23 Feb 2022 21:26

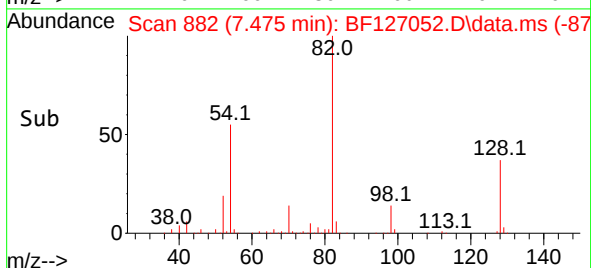
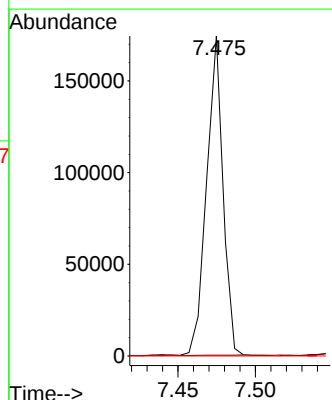
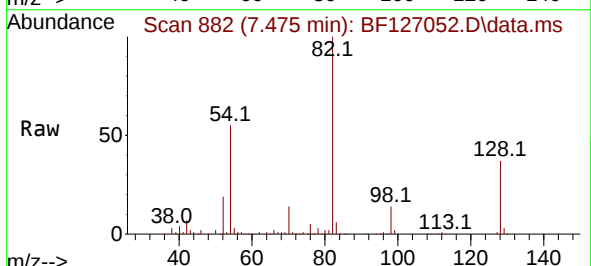
Tgt Ion: 82 Resp: 128576

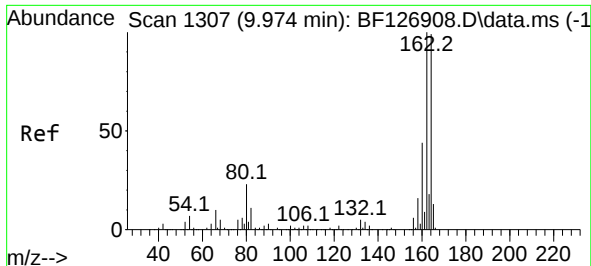
Ion Ratio Lower Upper

82 100

95 0.3 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF127052.D

Acq: 23 Feb 2022 21:26

Instrument :

BNA_F

ClientSampleId :

CC-A5RE

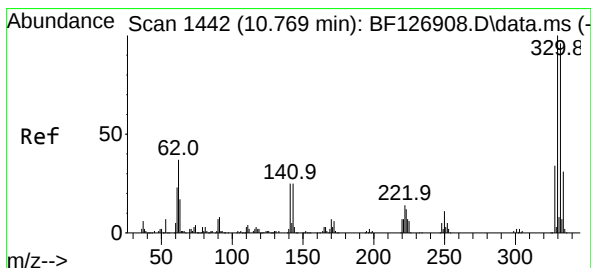
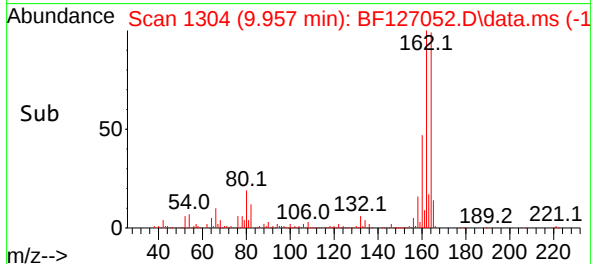
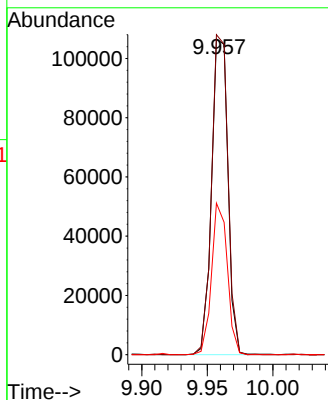
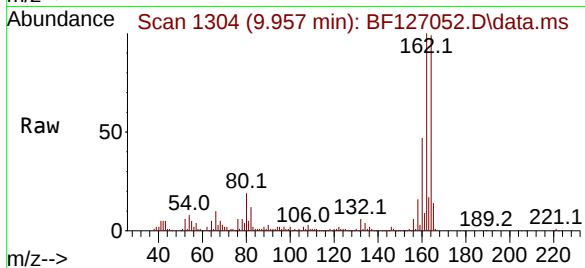
Tgt Ion:164 Resp: 92674

Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

160 48.0 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 33.651 ng

RT: 10.751 min Scan# 1439

Delta R.T. 0.006 min

Lab File: BF127052.D

Acq: 23 Feb 2022 21:26

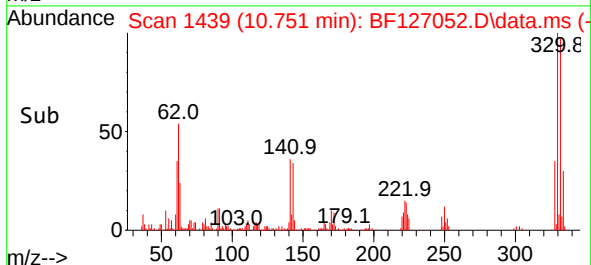
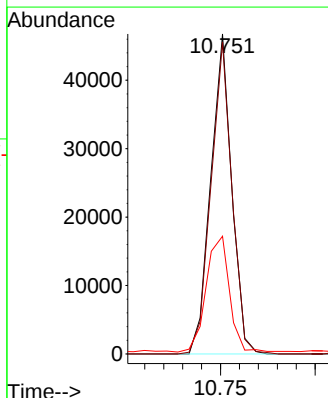
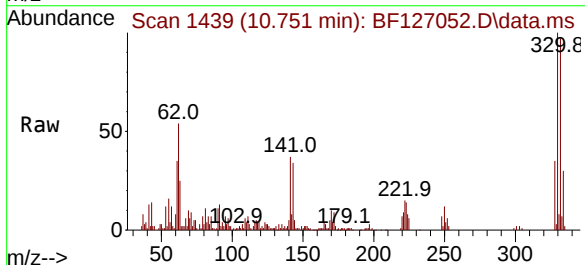
Tgt Ion:330 Resp: 35906

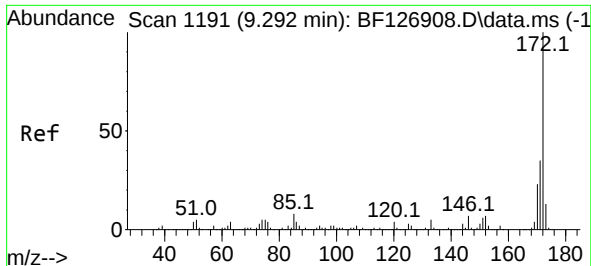
Ion Ratio Lower Upper

330 100

332 97.6 76.0 114.0

141 40.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 31.644 ng

RT: 9.275 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF127052.D

Acq: 23 Feb 2022 21:26

Instrument :

BNA_F

ClientSampleId :

CC-A5RE

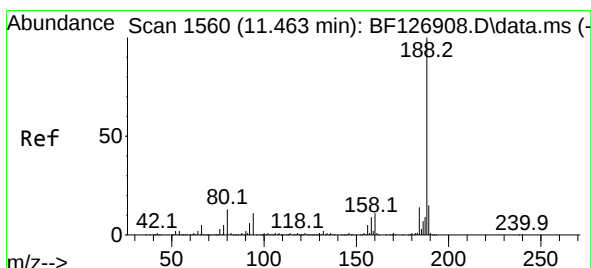
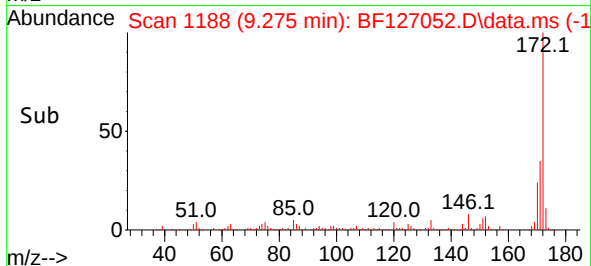
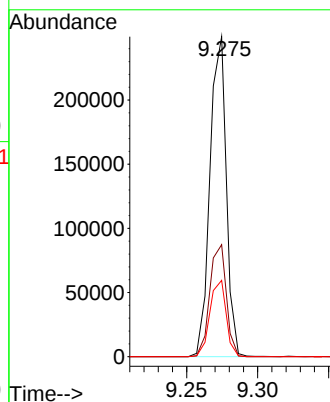
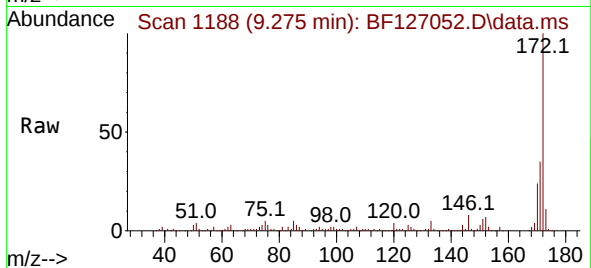
Tgt Ion:172 Resp: 199203

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.8 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1558

Delta R.T. 0.006 min

Lab File: BF127052.D

Acq: 23 Feb 2022 21:26

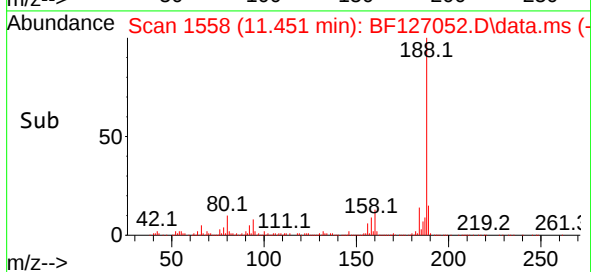
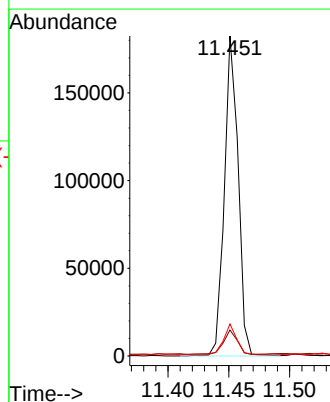
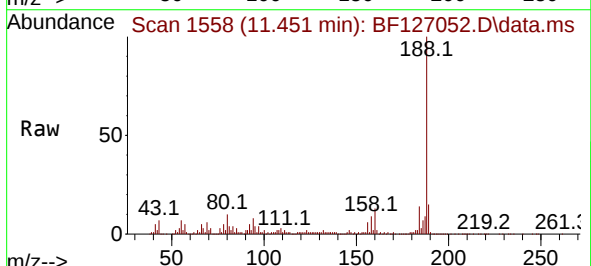
Tgt Ion:188 Resp: 143646

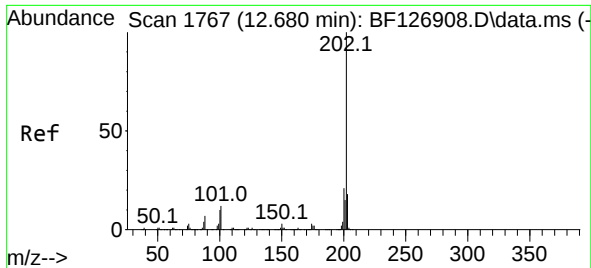
Ion Ratio Lower Upper

188 100

94 8.1 10.1 15.1#

80 10.0 11.8 17.6#

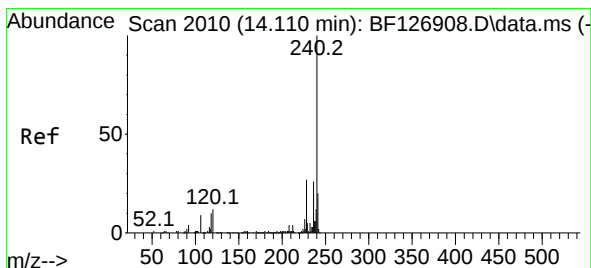
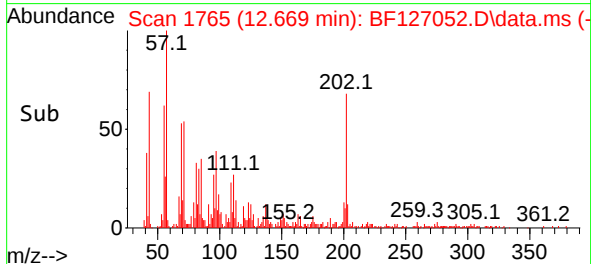
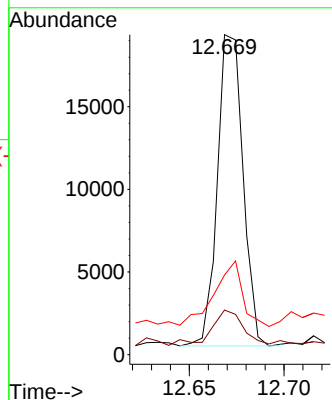
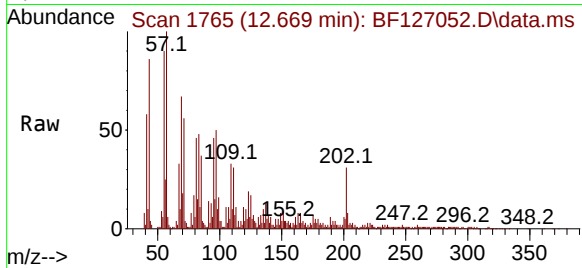




#75
Fluoranthene
Concen: 2.328 ng
RT: 12.669 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127052.D
Acq: 23 Feb 2022 21:26

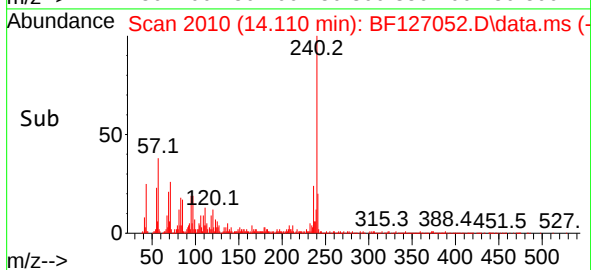
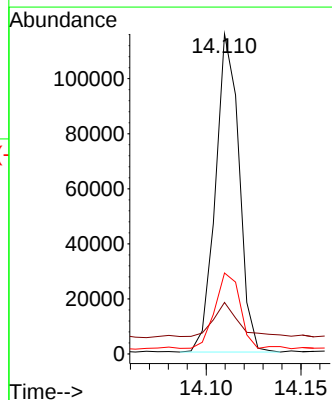
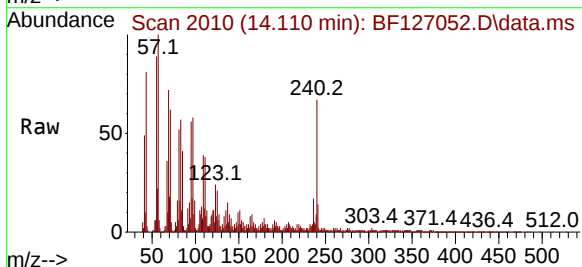
Instrument :
BNA_F
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CC-A5RE

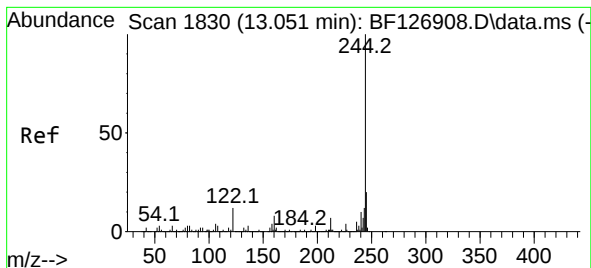
Tgt Ion:202 Resp: 17773
Ion Ratio Lower Upper
202 100
101 14.0 0.0 35.7
203 24.9 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. 0.024 min
Lab File: BF127052.D
Acq: 23 Feb 2022 21:26

Tgt Ion:240 Resp: 100176
Ion Ratio Lower Upper
240 100
120 16.1 14.4 21.6
236 25.3 20.5 30.7





#79

Terphenyl-d14

Concen: 26.834 ng

RT: 13.039 min Scan# 1828

Delta R.T. 0.012 min

Lab File: BF127052.D

Acq: 23 Feb 2022 21:26

Instrument :

BNA_F

ClientSampleId :

CC-A5RE

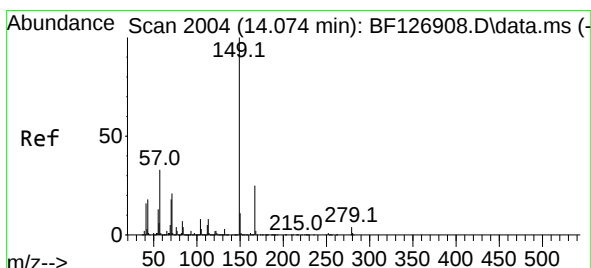
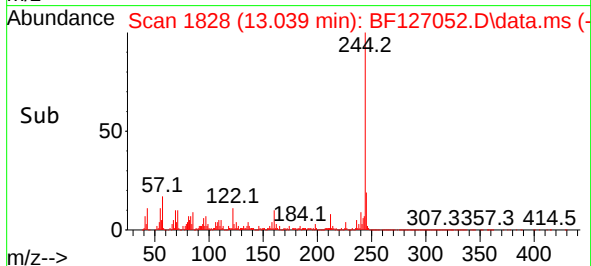
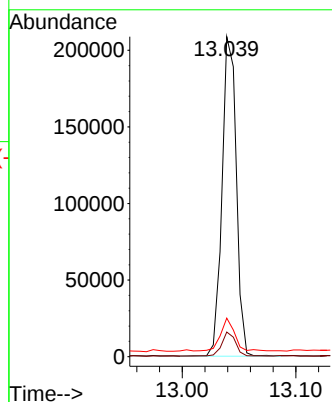
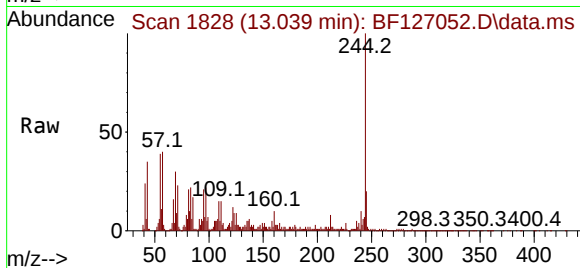
Tgt Ion:244 Resp: 182858

Ion Ratio Lower Upper

244 100

212 7.7 5.0 7.4#

122 12.0 13.3 19.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.686 ng

RT: 14.074 min Scan# 2004

Delta R.T. 0.024 min

Lab File: BF127052.D

Acq: 23 Feb 2022 21:26

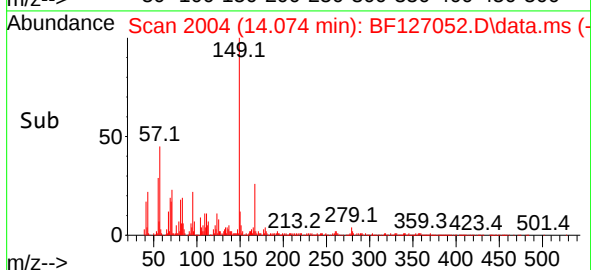
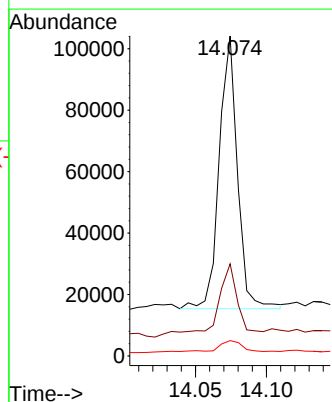
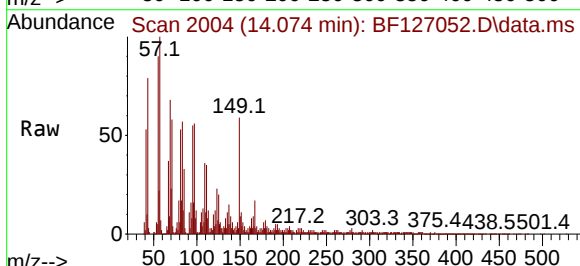
Tgt Ion:149 Resp: 79442

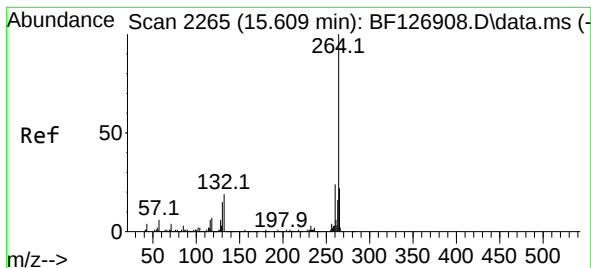
Ion Ratio Lower Upper

149 100

167 28.8 21.4 32.2

279 4.8 2.4 3.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF127052.D

Acq: 23 Feb 2022 21:26

Instrument :

BNA_F

ClientSampleId :

CC-A5RE

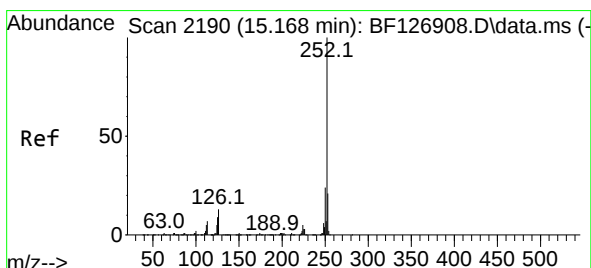
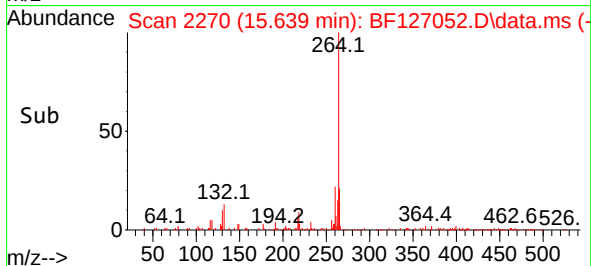
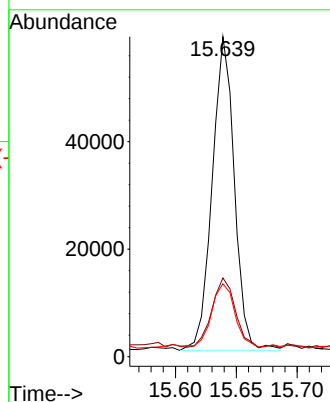
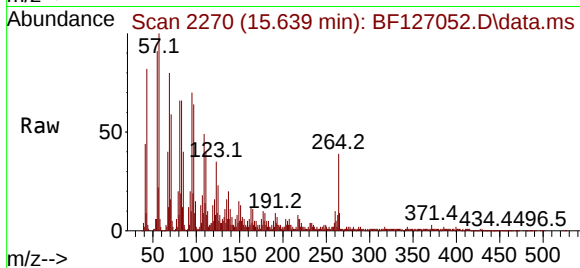
Tgt Ion:264 Resp: 74063

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.8 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.284 ng

RT: 15.186 min Scan# 2193

Delta R.T. 0.041 min

Lab File: BF127052.D

Acq: 23 Feb 2022 21:26

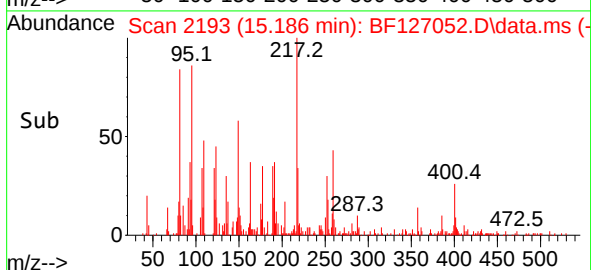
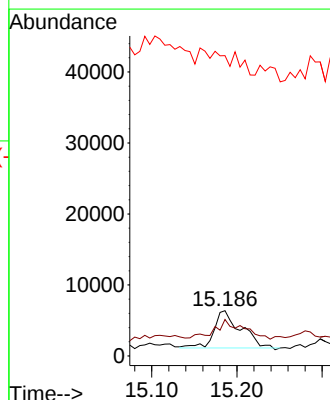
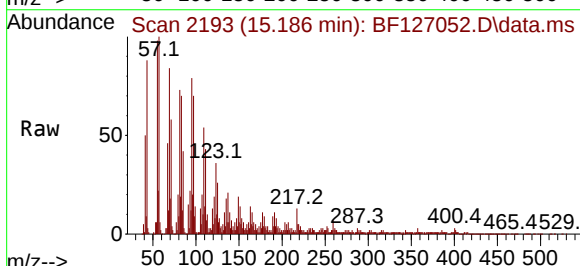
Tgt Ion:252 Resp: 11363

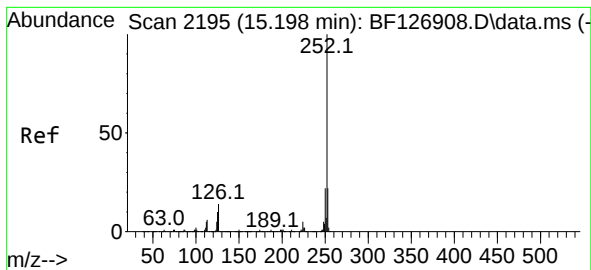
Ion Ratio Lower Upper

252 100

253 80.5 17.8 26.8#

125 662.6 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 2.395 ng

RT: 15.186 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF127052.D

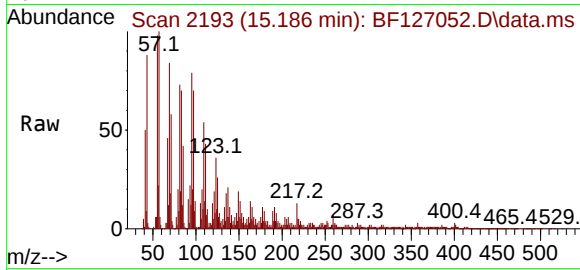
Acq: 23 Feb 2022 21:26

Instrument :

BNA_F

ClientSampleId :

CC-A5RE



Tgt Ion:252 Resp: 11493

Ion Ratio Lower Upper

252 100

253 80.5 17.5 26.3#

125 662.6 11.8 17.6#

