

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127029.D
 Acq On : 23 Feb 2022 01:04
 Operator : CG\JU
 Sample : N1626-09 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-A5

Quant Time: Feb 23 01:27:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

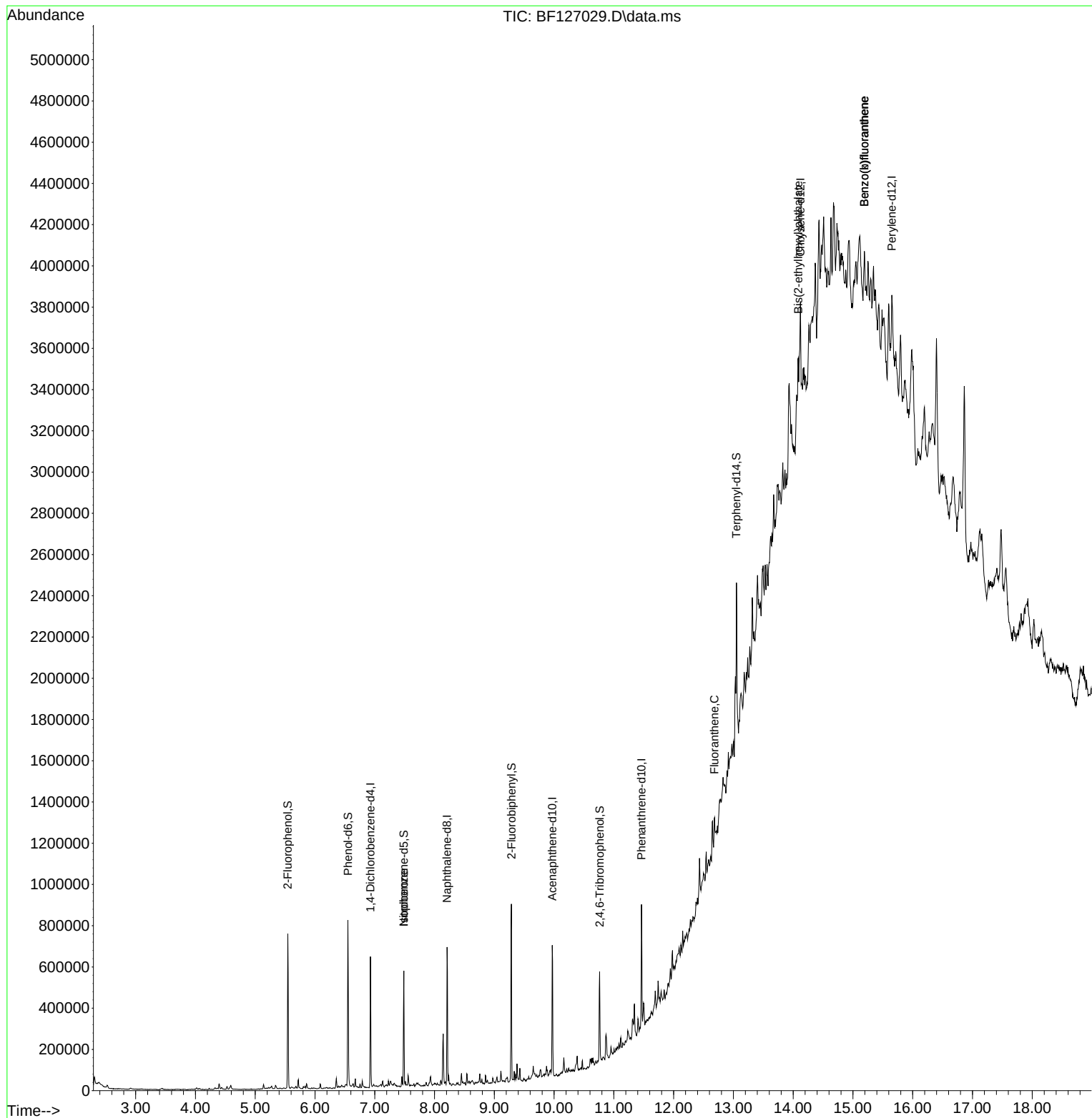
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	72648	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	260054	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	113039	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	183781	20.000	ng	# 0.01
76) Chrysene-d12	14.121	240	107946	20.000	ng	0.02
86) Perylene-d12	15.651	264	83487	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	165707	35.254	ng	0.00
7) Phenol-d6	6.551	99	212559	33.513	ng	0.00
23) Nitrobenzene-d5	7.487	82	146226	25.380	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	42884	32.950	ng	0.01
45) 2-Fluorobiphenyl	9.286	172	226309	29.473	ng	0.00
79) Terphenyl-d14	13.051	244	210663	28.689	ng	0.01
Target Compounds						Qvalue
25) Isophorone	7.487	82	146226	15.338	ng	# 69
75) Fluoranthene	12.680	202	21248	2.175	ng	83
84) Bis(2-ethylhexyl)phtha...	14.086	149	81090	13.912	ng	# 94
88) Benzo(b)fluoranthene	15.192	252	14070	2.509	ng	# 1
89) Benzo(k)fluoranthene	15.192	252	14070	2.602	ng	# 1

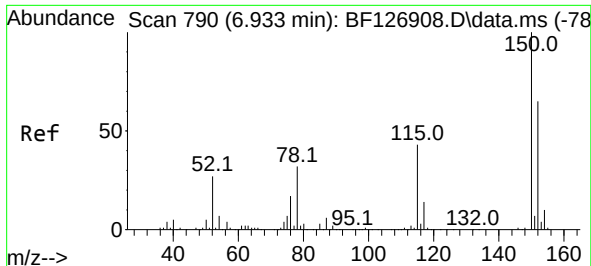
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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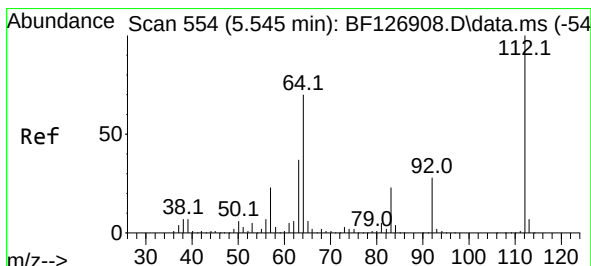
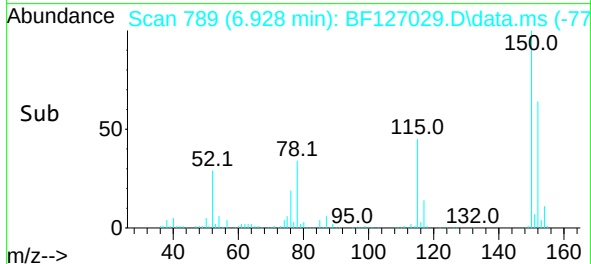
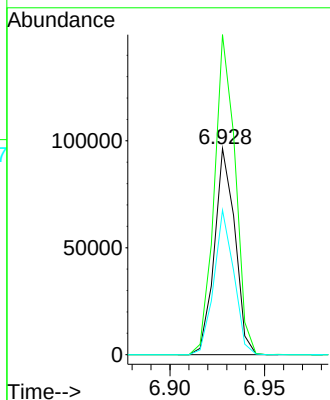
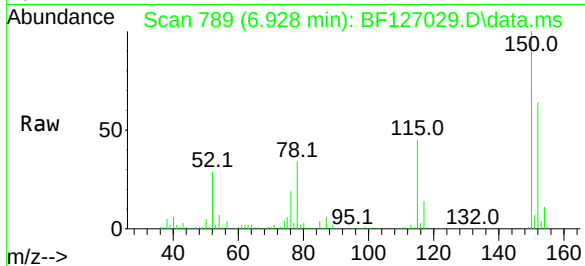




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BF127029.D
 Acq: 23 Feb 2022 01:04

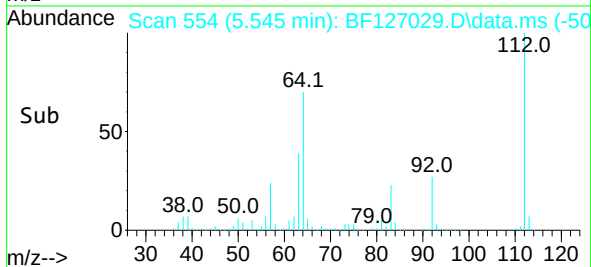
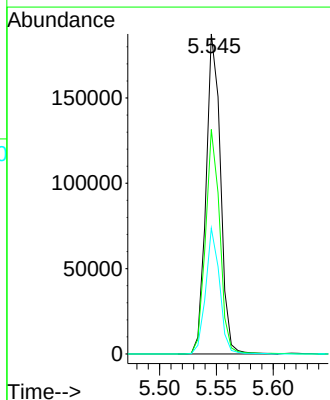
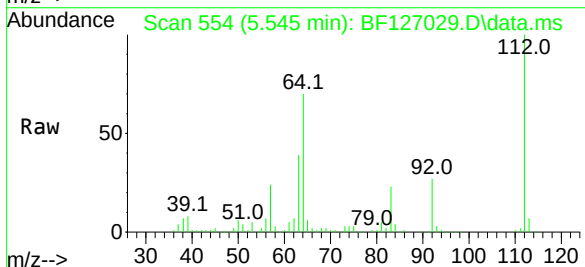
Instrument :
 BNA_F
 ClientSampleId :
 CC-A5

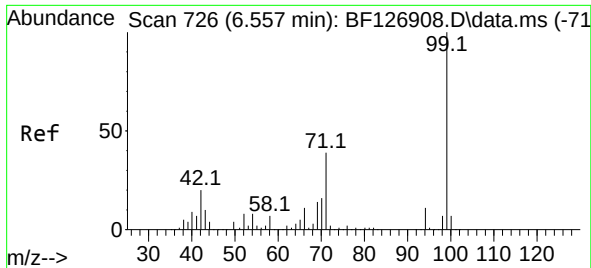
Tgt Ion:152 Resp: 72648
 Ion Ratio Lower Upper
 152 100
 150 155.2 128.1 192.1
 115 70.1 56.7 85.1



#5
 2-Fluorophenol
 Concen: 35.254 ng
 RT: 5.545 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF127029.D
 Acq: 23 Feb 2022 01:04

Tgt Ion:112 Resp: 165707
 Ion Ratio Lower Upper
 112 100
 64 70.2 49.5 74.3
 63 39.3 23.9 35.9#





#7

Phenol-d6

Concen: 33.513 ng

RT: 6.551 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF127029.D

Acq: 23 Feb 2022 01:04

Instrument :

BNA_F

ClientSampleId :

CC-A5

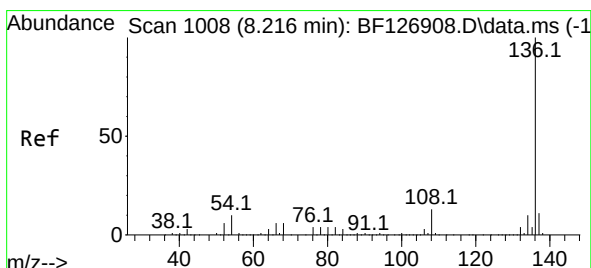
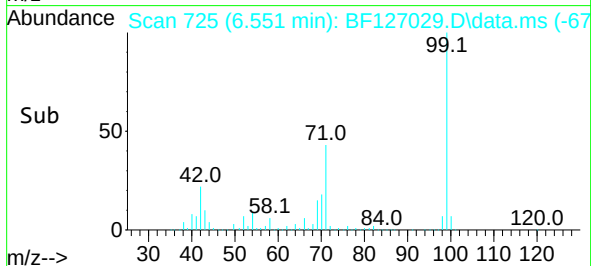
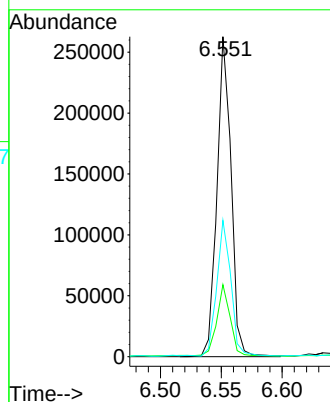
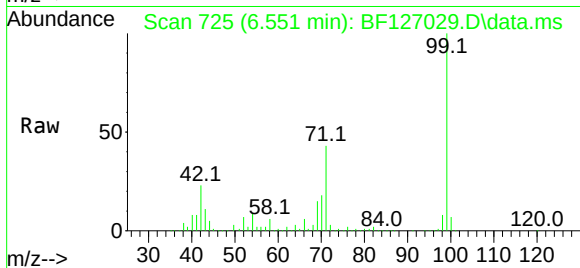
Tgt Ion: 99 Resp: 212559

Ion Ratio Lower Upper

99 100

42 22.5 14.2 21.4#

71 42.6 24.3 36.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF127029.D

Acq: 23 Feb 2022 01:04

Tgt Ion:136 Resp: 260054

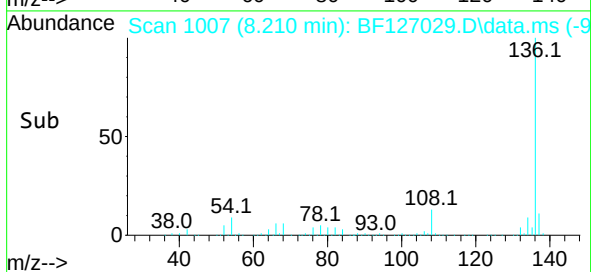
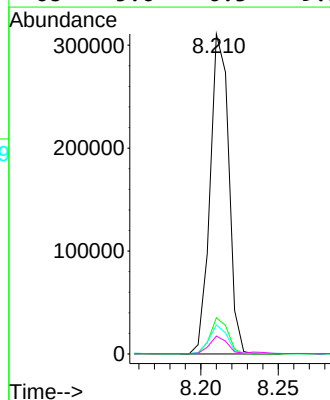
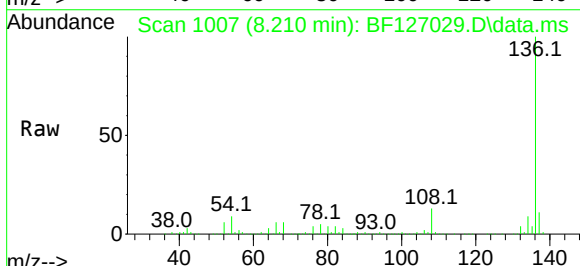
Ion Ratio Lower Upper

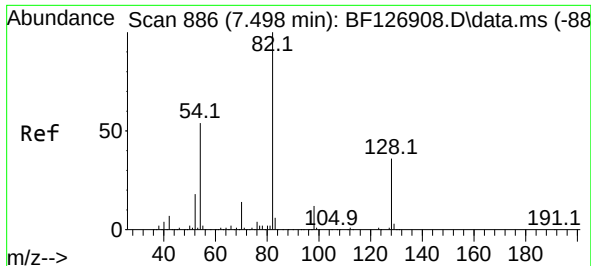
136 100

137 11.3 8.6 13.0

54 9.0 7.8 11.6

68 5.6 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 25.380 ng

RT: 7.487 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF127029.D

Acq: 23 Feb 2022 01:04

Instrument :

BNA_F

ClientSampleId :

CC-A5

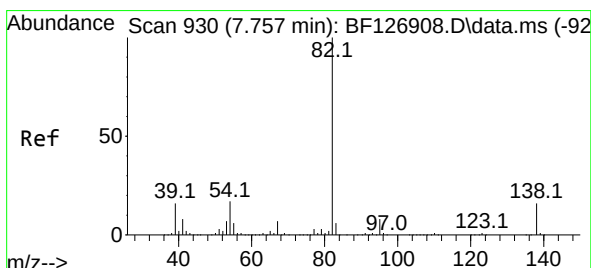
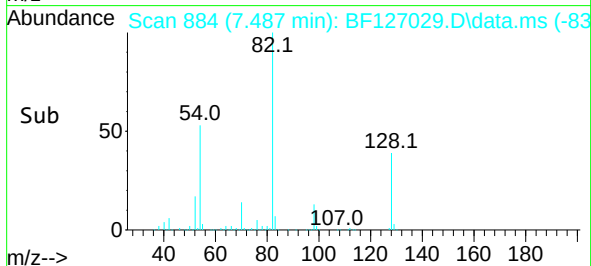
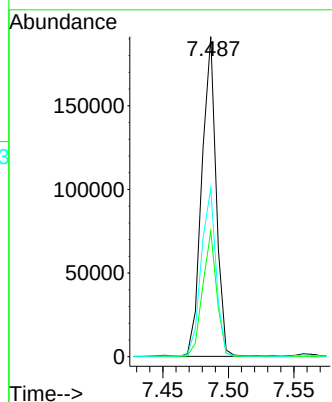
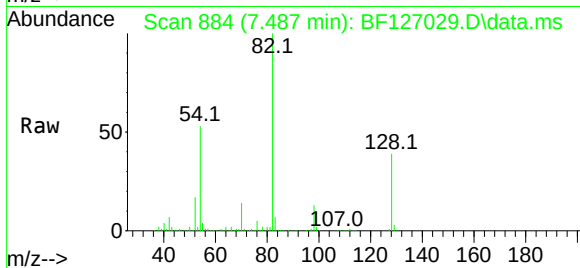
Tgt Ion: 82 Resp: 146226

Ion Ratio Lower Upper

82 100

128 39.2 32.7 49.1

54 52.7 41.7 62.5



#25

Isophorone

Concen: 15.338 ng

RT: 7.487 min Scan# 884

Delta R.T. -0.259 min

Lab File: BF127029.D

Acq: 23 Feb 2022 01:04

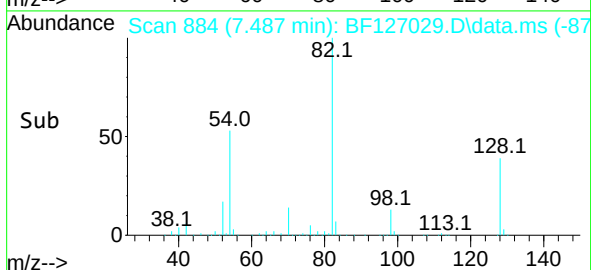
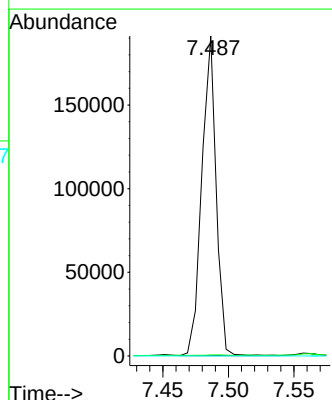
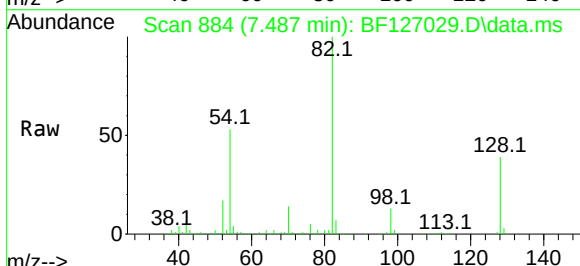
Tgt Ion: 82 Resp: 146226

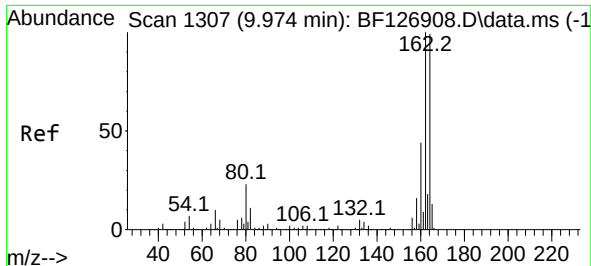
Ion Ratio Lower Upper

82 100

95 0.3 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF127029.D

Acq: 23 Feb 2022 01:04

Instrument :

BNA_F

ClientSampleId :

CC-A5

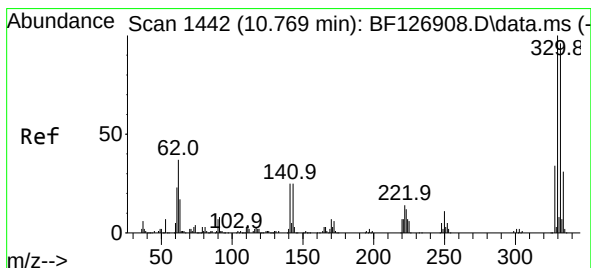
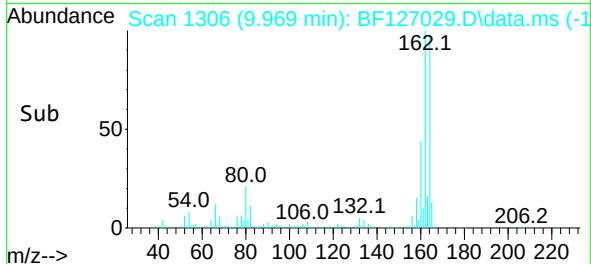
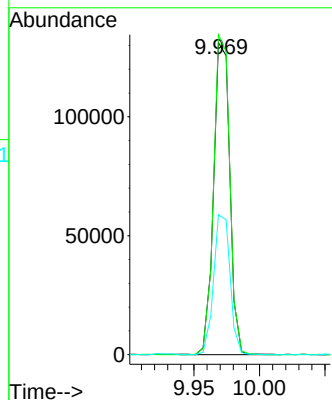
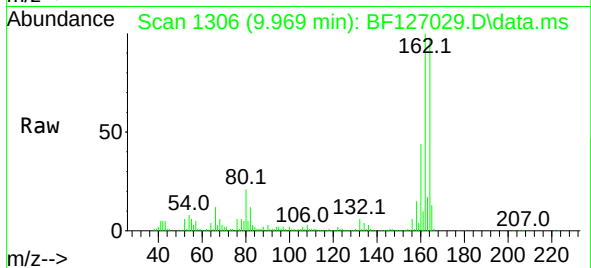
Tgt Ion:164 Resp: 113039

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

160 44.8 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 32.950 ng

RT: 10.763 min Scan# 1441

Delta R.T. 0.012 min

Lab File: BF127029.D

Acq: 23 Feb 2022 01:04

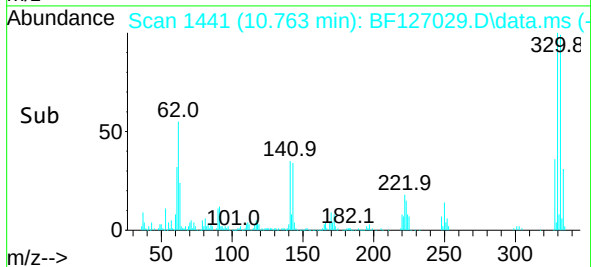
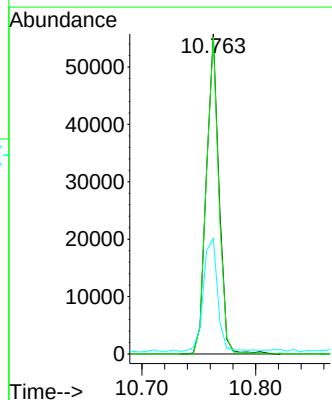
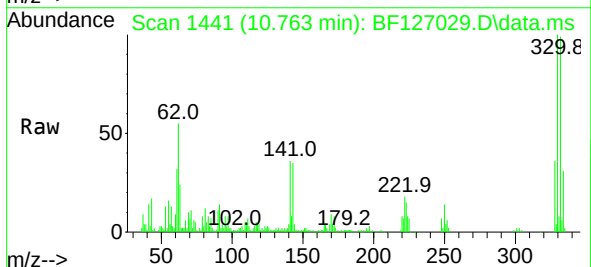
Tgt Ion:330 Resp: 42884

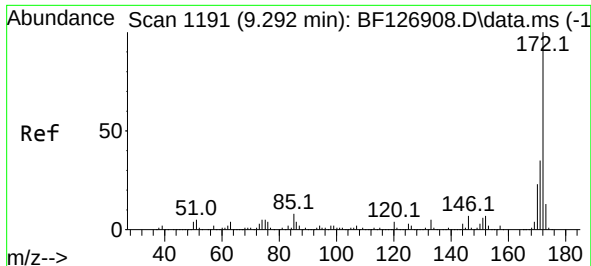
Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

141 39.8 30.1 45.1

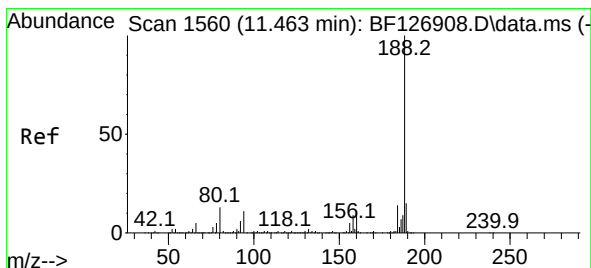
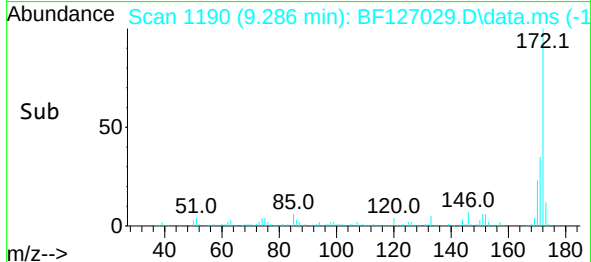
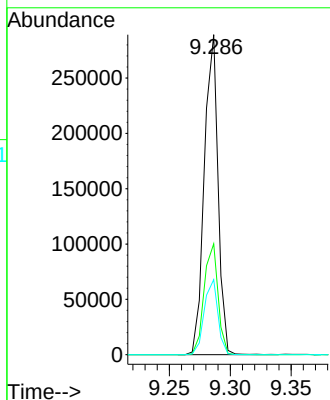
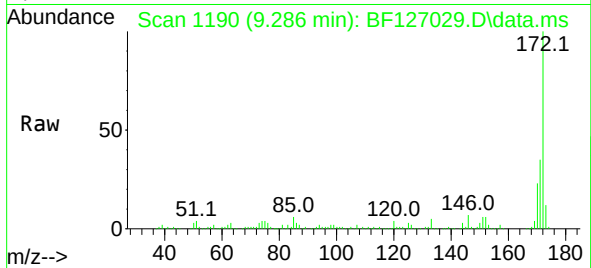




#45
2-Fluorobiphenyl
Concen: 29.473 ng
RT: 9.286 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF127029.D
Acq: 23 Feb 2022 01:04

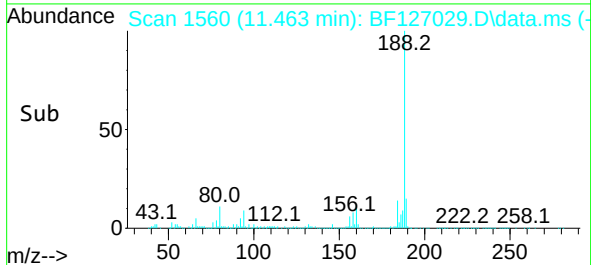
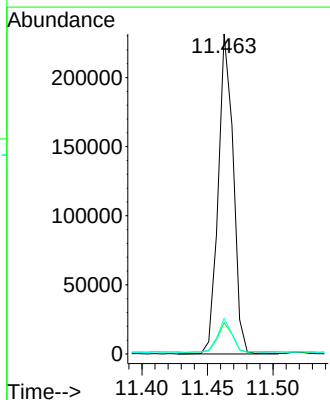
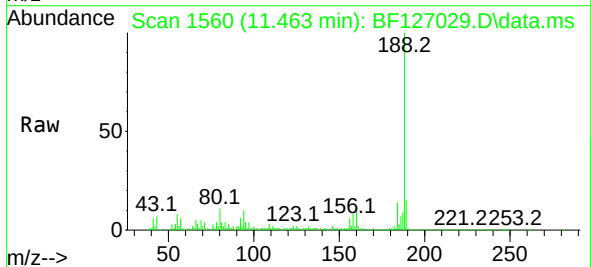
Instrument :
BNA_F
ClientSampleId :
CC-A5

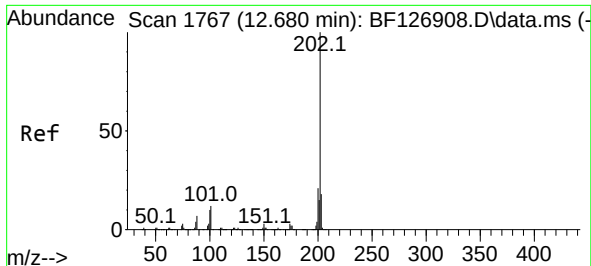
Tgt Ion:172 Resp: 226309
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.5 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.012 min
Lab File: BF127029.D
Acq: 23 Feb 2022 01:04

Tgt Ion:188 Resp: 183781
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 11.0 11.8 17.6#

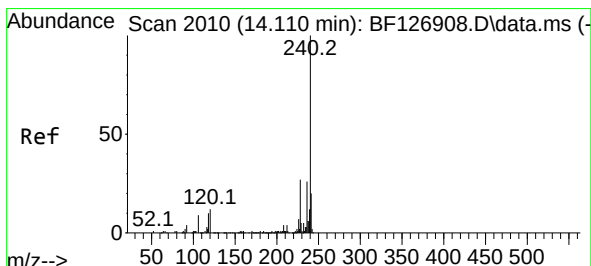
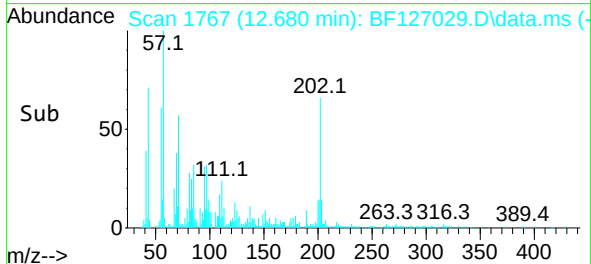
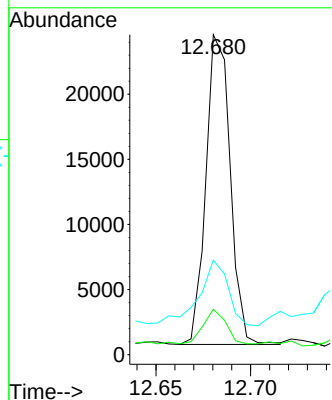
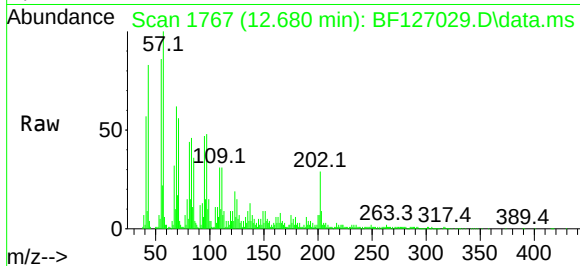




#75
Fluoranthene
Concen: 2.175 ng
RT: 12.680 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127029.D
Acq: 23 Feb 2022 01:04

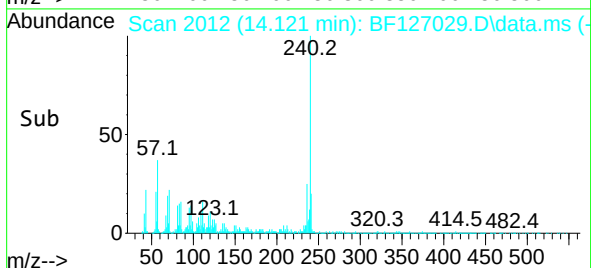
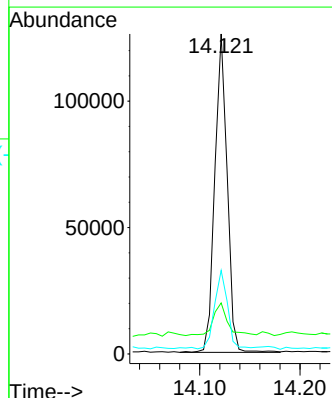
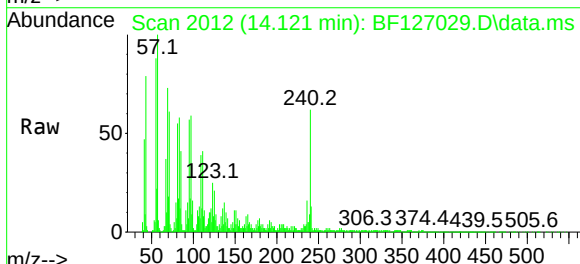
Instrument :
BNA_F
ClientSampleId :
CC-A5

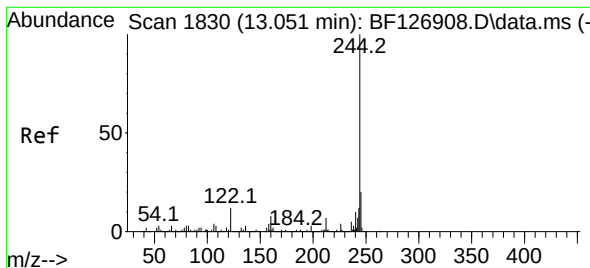
Tgt Ion:202 Resp: 21248
Ion Ratio Lower Upper
202 100
101 17.3 0.0 35.7
203 29.6 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. 0.024 min
Lab File: BF127029.D
Acq: 23 Feb 2022 01:04

Tgt Ion:240 Resp: 107946
Ion Ratio Lower Upper
240 100
120 16.0 14.4 21.6
236 26.1 20.5 30.7





#79

Terphenyl-d14

Concen: 28.689 ng

RT: 13.051 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF127029.D

Acq: 23 Feb 2022 01:04

Instrument :

BNA_F

ClientSampleId :

CC-A5

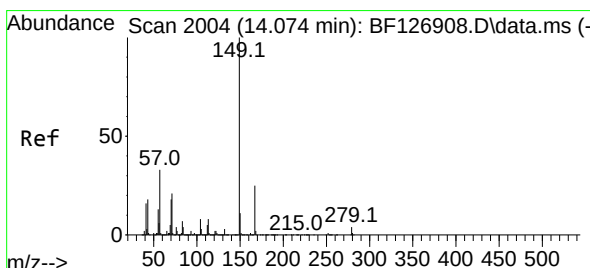
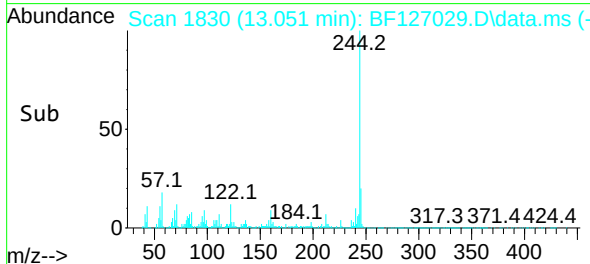
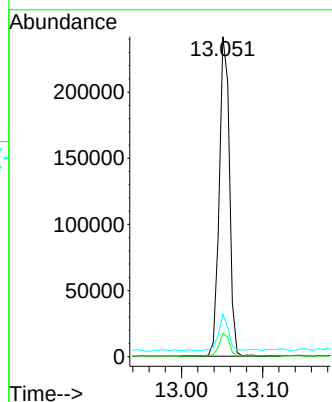
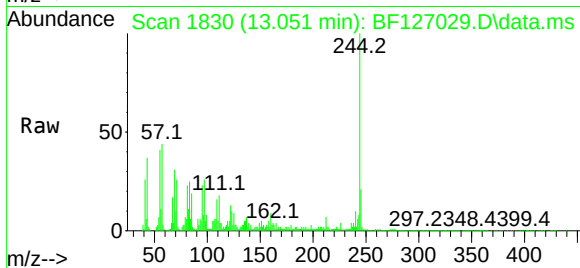
Tgt Ion:244 Resp: 210663

Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

122 13.2 13.3 19.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.912 ng

RT: 14.086 min Scan# 2006

Delta R.T. 0.024 min

Lab File: BF127029.D

Acq: 23 Feb 2022 01:04

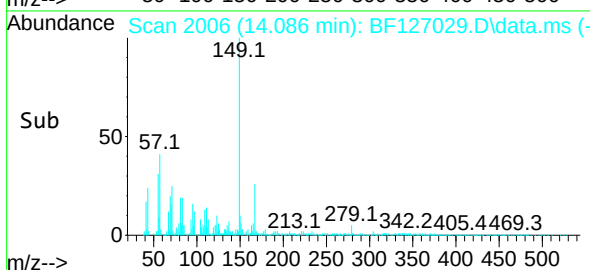
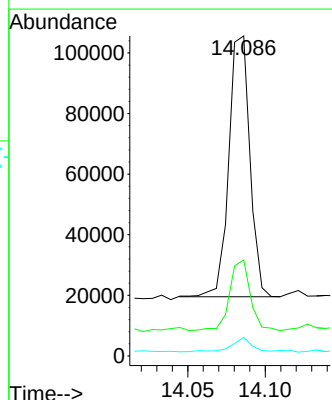
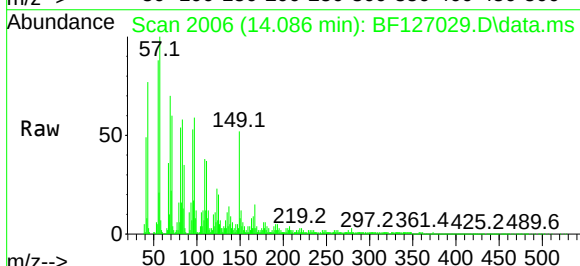
Tgt Ion:149 Resp: 81090

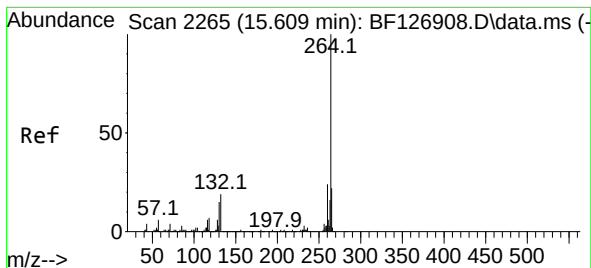
Ion Ratio Lower Upper

149 100

167 30.0 21.4 32.2

279 5.8 2.4 3.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2194

Delta R.T. 0.059 min

Lab File: BF127029.D

Acq: 23 Feb 2022 01:04

Instrument :

BNA_F

ClientSampleId :

CC-A5

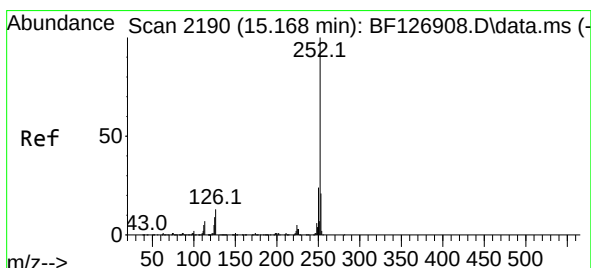
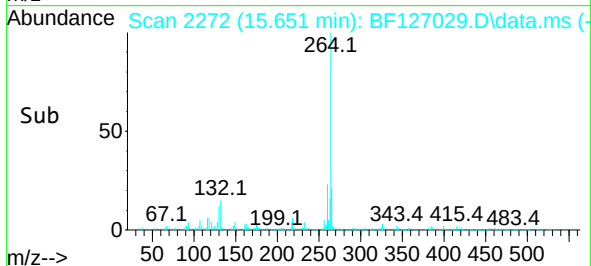
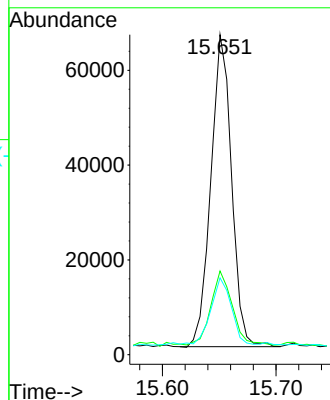
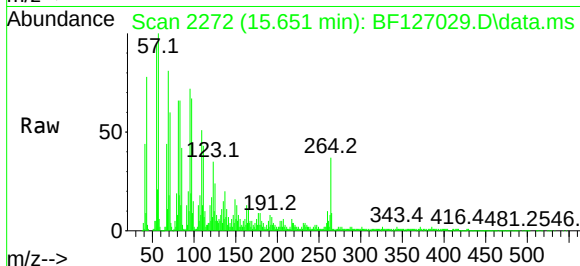
Tgt Ion:264 Resp: 83487

Ion Ratio Lower Upper

264 100

260 26.2 19.2 28.8

265 24.0 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.509 ng

RT: 15.192 min Scan# 2194

Delta R.T. 0.041 min

Lab File: BF127029.D

Acq: 23 Feb 2022 01:04

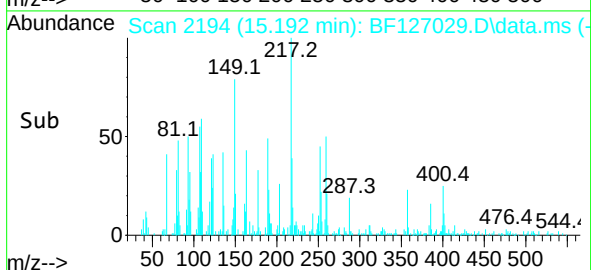
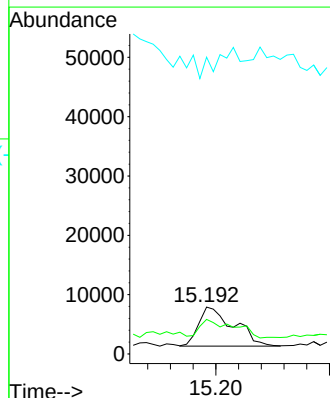
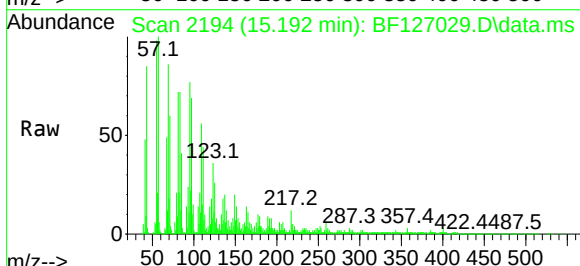
Tgt Ion:252 Resp: 14070

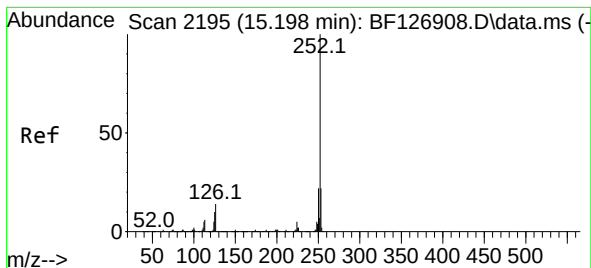
Ion Ratio Lower Upper

252 100

253 73.6 17.8 26.8#

125 633.2 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 2.602 ng

RT: 15.192 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF127029.D

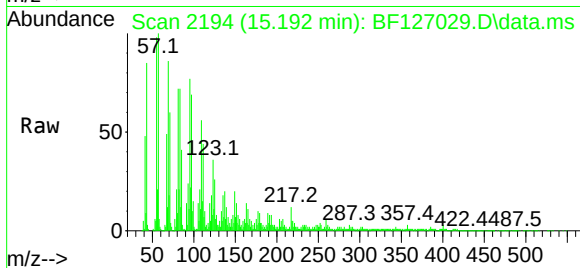
Acq: 23 Feb 2022 01:04

Instrument :

BNA_F

ClientSampleId :

CC-A5



Tgt Ion:252 Resp: 14070

Ion Ratio Lower Upper

252 100

253 73.6 17.5 26.3#

125 633.2 11.8 17.6#

