

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127026.D
 Acq On : 22 Feb 2022 23:39
 Operator : CG\JU
 Sample : N1626-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-B2

Quant Time: Feb 23 01:27:14 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)

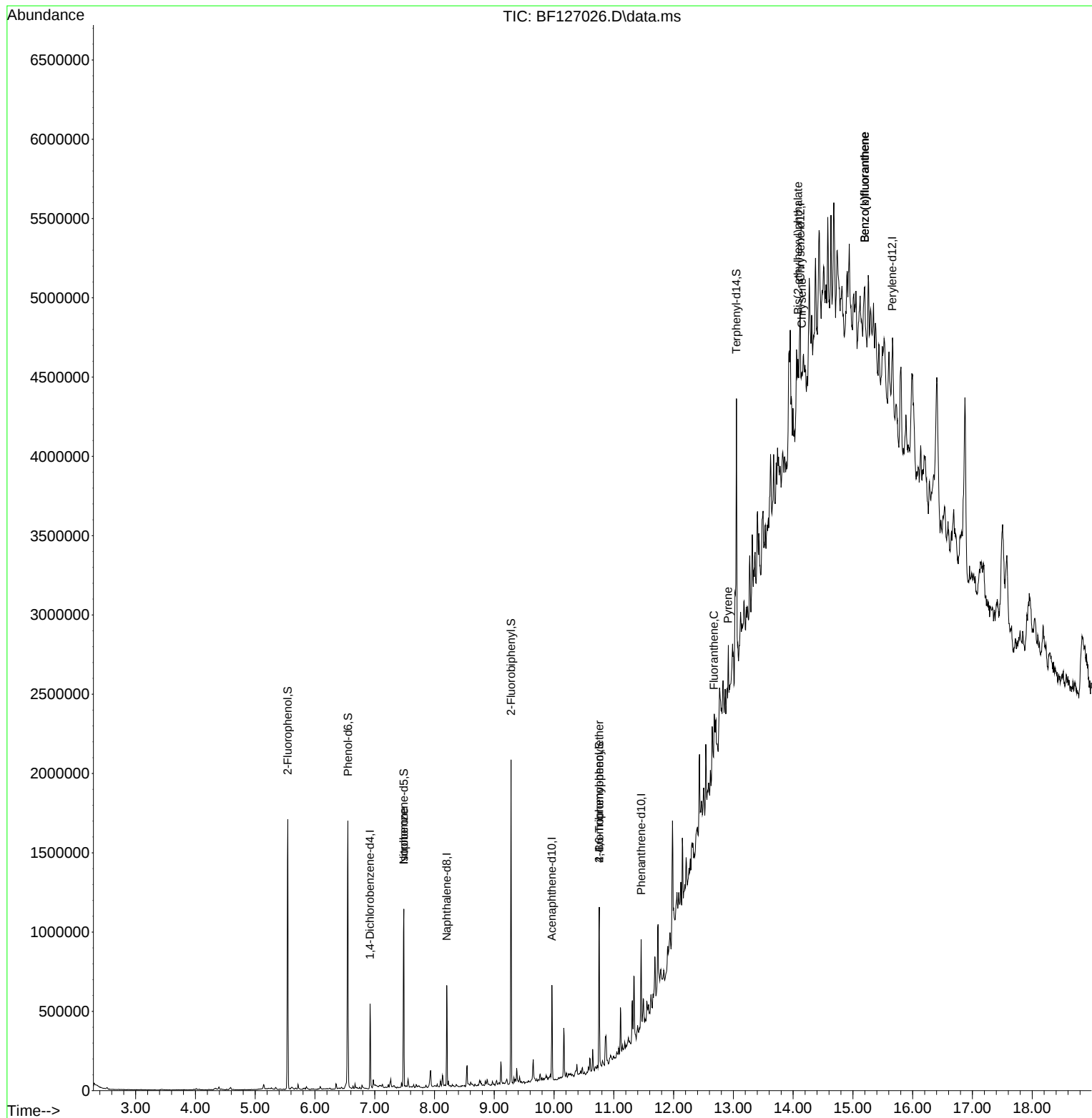
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	65015	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	234825	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	102098	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	167279	20.000	ng	# 0.00
76) Chrysene-d12	14.122	240	94648	20.000	ng	0.02
86) Perylene-d12	15.657	264	75150	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	390490	92.830	ng	0.00
7) Phenol-d6	6.551	99	490464	86.409	ng	0.00
23) Nitrobenzene-d5	7.487	82	328976	63.235	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	106131	90.284	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	482192	69.527	ng	0.00
79) Terphenyl-d14	13.051	244	456545	70.909	ng	0.01
Target Compounds						
						Qvalue
25) Isophorone	7.487	82	327181	38.006	ng	# 69
67) 4-Bromophenyl-phenylether	10.757	248	6210	3.323	ng	# 1
75) Fluoranthene	12.675	202	20957	2.357	ng	# 32
78) Pyrene	12.910	202	18715	2.276	ng	# 75
83) Chrysene	14.145	228	12677	2.113	ng	# 57
84) Bis(2-ethylhexyl)phtha...	14.080	149	92661	18.130	ng	# 89
88) Benzo(b)fluoranthene	15.198	252	18678	3.701	ng	# 1
89) Benzo(k)fluoranthene	15.198	252	18678	3.837	ng	# 1

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

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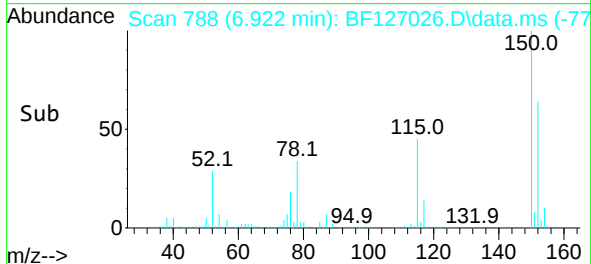
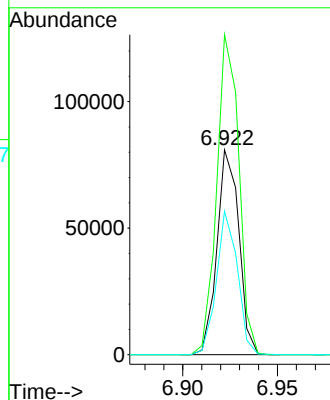
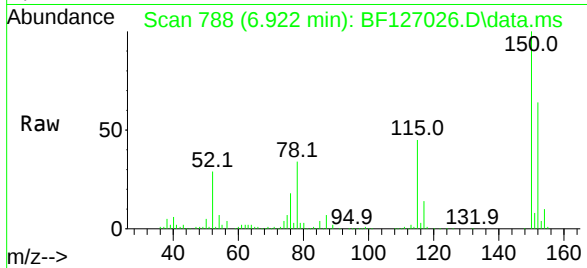




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127026.D
 Acq: 22 Feb 2022 23:39

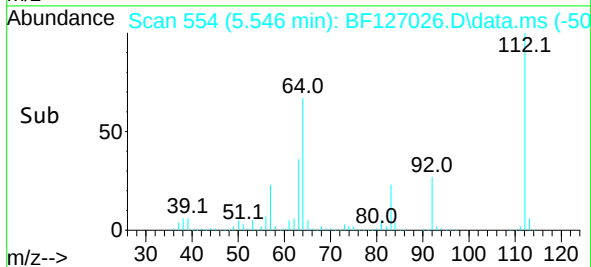
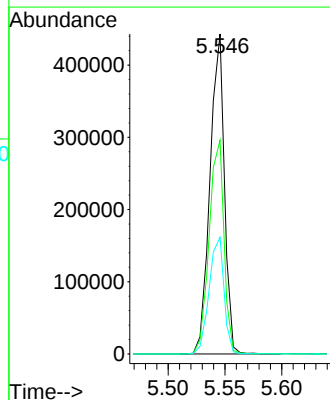
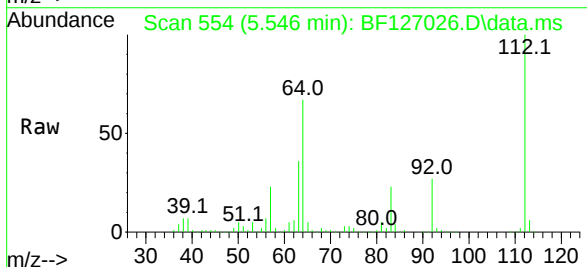
Instrument :
 BNA_F
 ClientSampleId :
 CC-B2

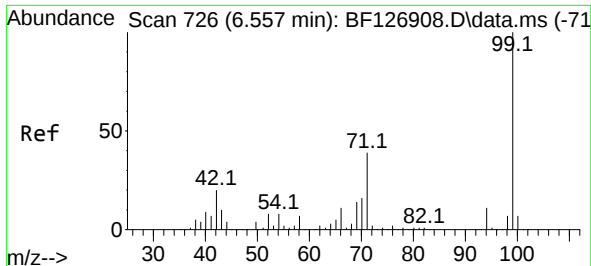
Tgt Ion:152 Resp: 65015
 Ion Ratio Lower Upper
 152 100
 150 156.2 128.1 192.1
 115 70.0 56.7 85.1



#5
 2-Fluorophenol
 Concen: 92.830 ng
 RT: 5.546 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF127026.D
 Acq: 22 Feb 2022 23:39

Tgt Ion:112 Resp: 390490
 Ion Ratio Lower Upper
 112 100
 64 66.8 49.5 74.3
 63 36.5 23.9 35.9#

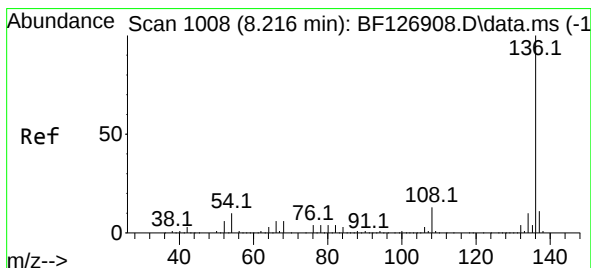
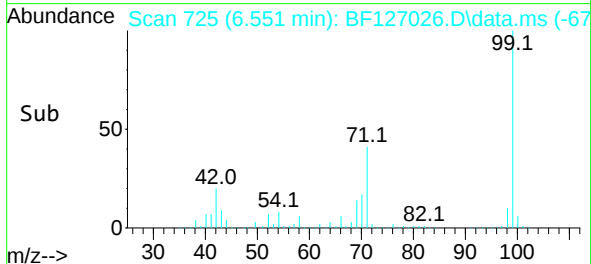
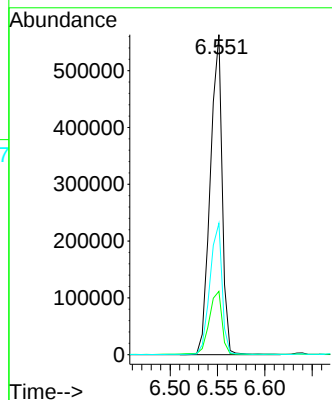
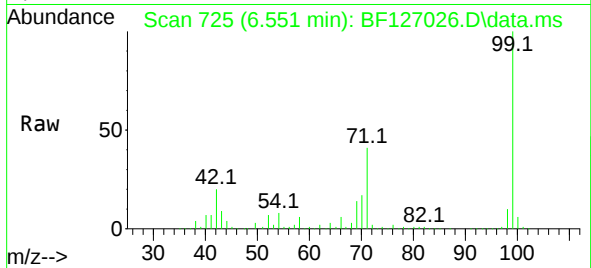




#7
Phenol-d6
Concen: 86.409 ng
RT: 6.551 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127026.D
Acq: 22 Feb 2022 23:39

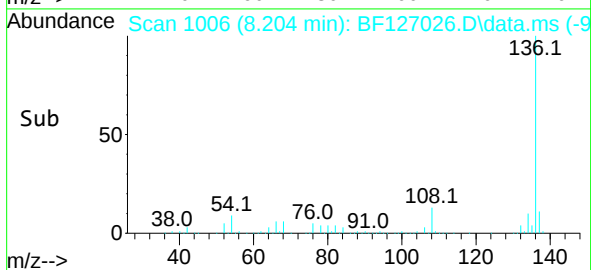
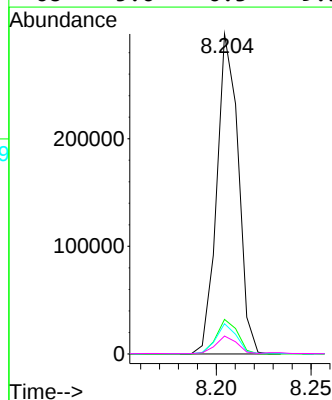
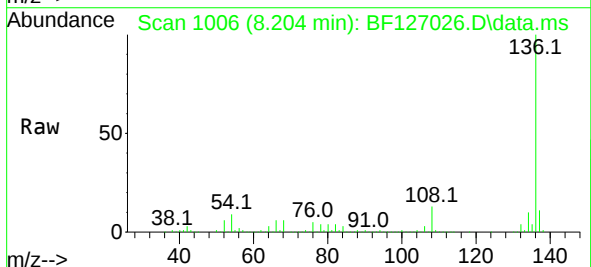
Instrument :
BNA_F
ClientSampleId :
CC-B2

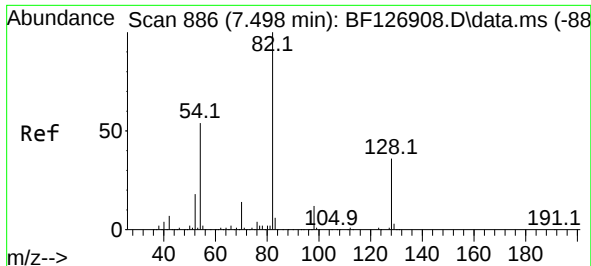
Tgt Ion: 99 Resp: 490464
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 41.0 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF127026.D
Acq: 22 Feb 2022 23:39

Tgt Ion: 136 Resp: 234825
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.4 7.8 11.6
68 5.6 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 63.235 ng

RT: 7.487 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF127026.D

Acq: 22 Feb 2022 23:39

Instrument :

BNA_F

ClientSampleId :

CC-B2

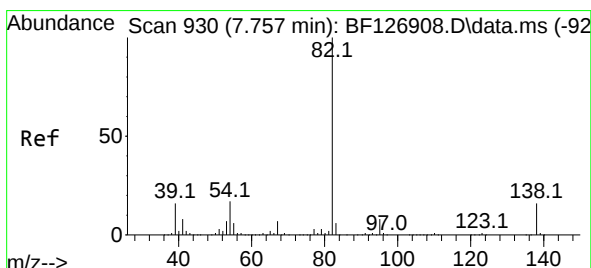
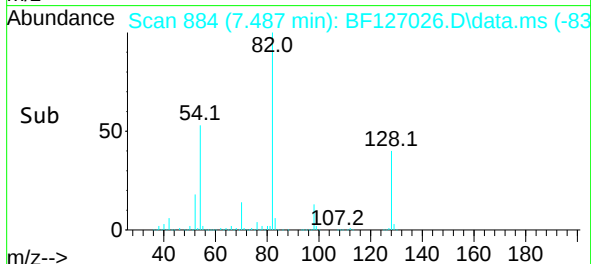
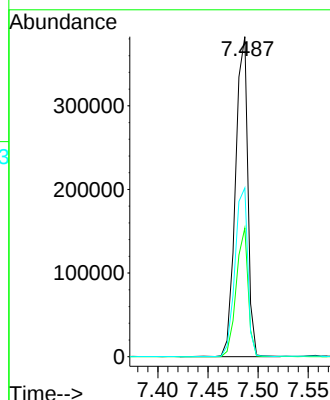
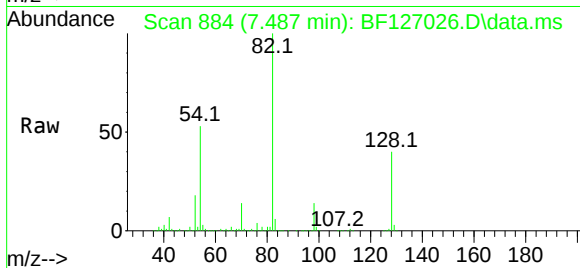
Tgt Ion: 82 Resp: 328976

Ion Ratio Lower Upper

82 100

128 40.2 32.7 49.1

54 52.8 41.7 62.5



#25

Isophorone

Concen: 38.006 ng

RT: 7.487 min Scan# 884

Delta R.T. -0.259 min

Lab File: BF127026.D

Acq: 22 Feb 2022 23:39

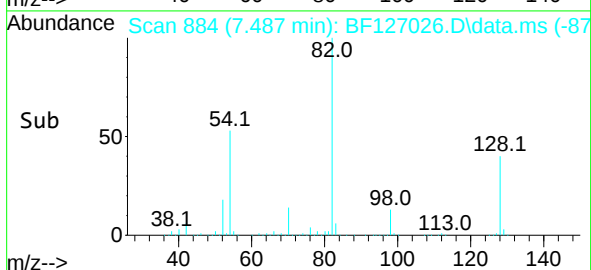
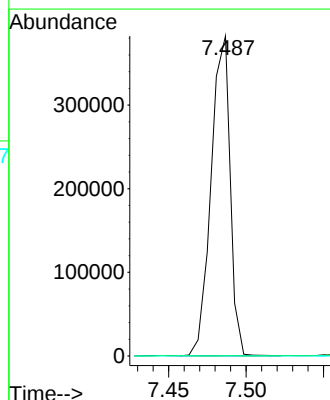
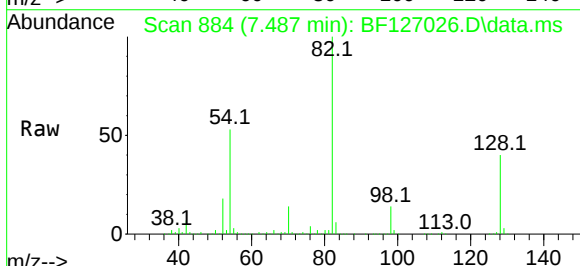
Tgt Ion: 82 Resp: 327181

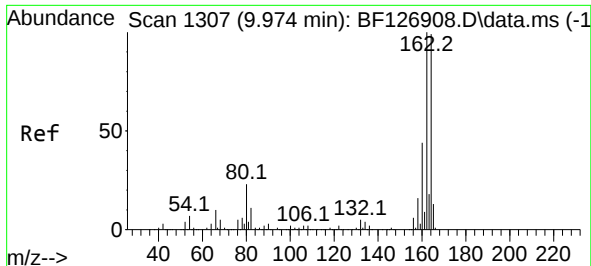
Ion Ratio Lower Upper

82 100

95 0.1 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127026.D

Acq: 22 Feb 2022 23:39

Instrument :

BNA_F

ClientSampleId :

CC-B2

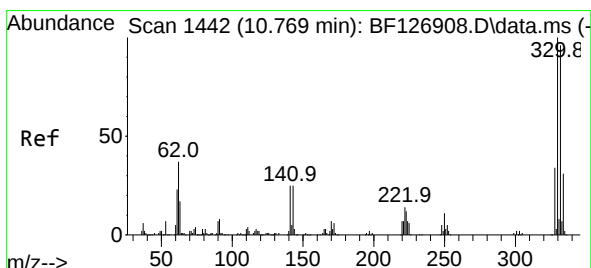
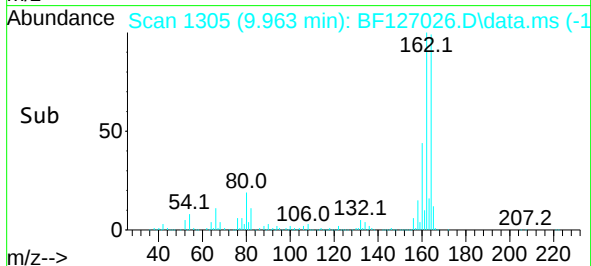
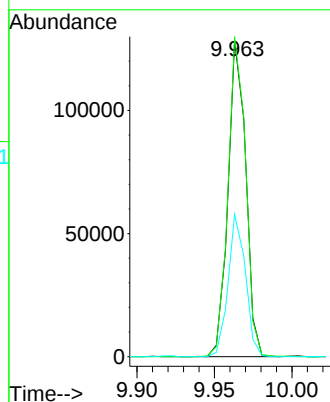
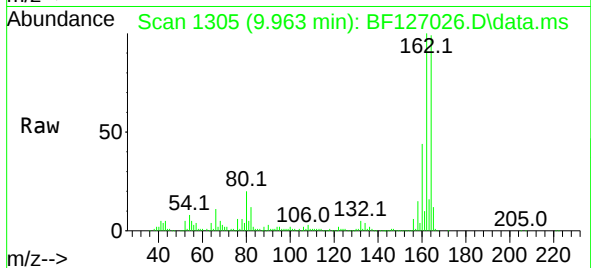
Tgt Ion:164 Resp: 102098

Ion Ratio Lower Upper

164 100

162 101.2 81.4 122.0

160 45.0 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 90.284 ng

RT: 10.757 min Scan# 1440

Delta R.T. 0.006 min

Lab File: BF127026.D

Acq: 22 Feb 2022 23:39

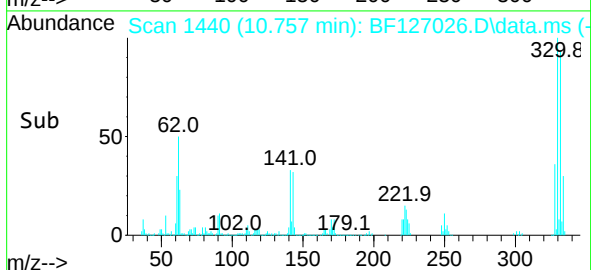
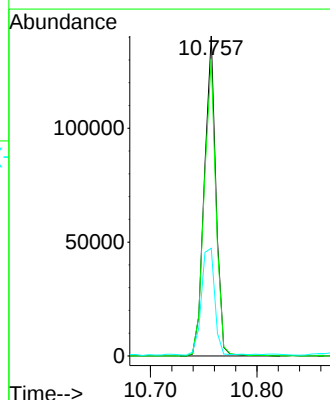
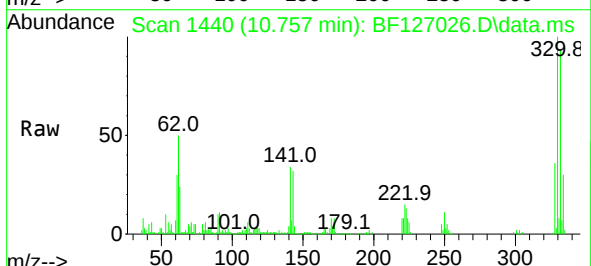
Tgt Ion:330 Resp: 106131

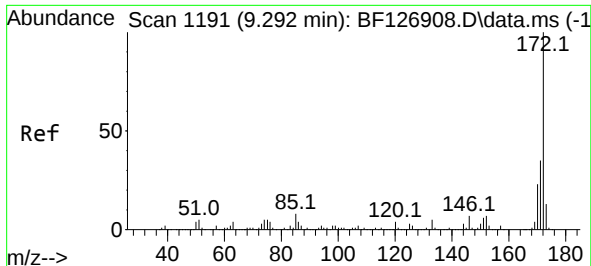
Ion Ratio Lower Upper

330 100

332 94.9 76.0 114.0

141 38.6 30.1 45.1

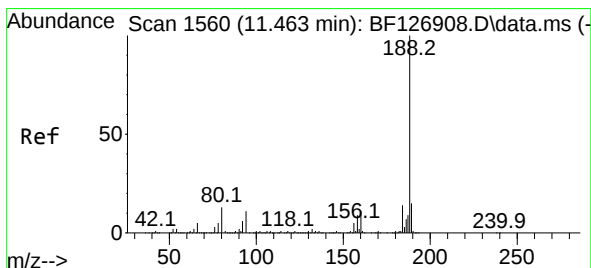
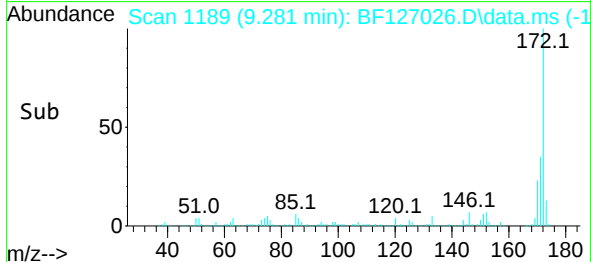
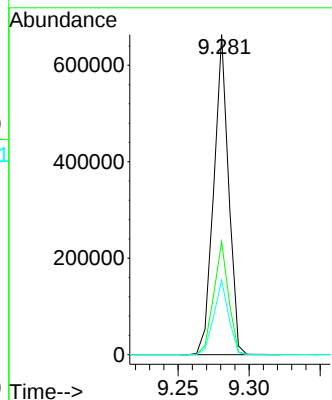
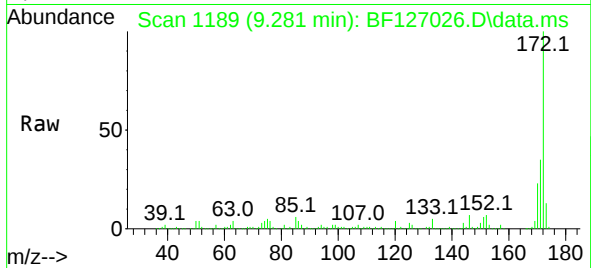




#45
2-Fluorobiphenyl
Concen: 69.527 ng
RT: 9.281 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF127026.D
Acq: 22 Feb 2022 23:39

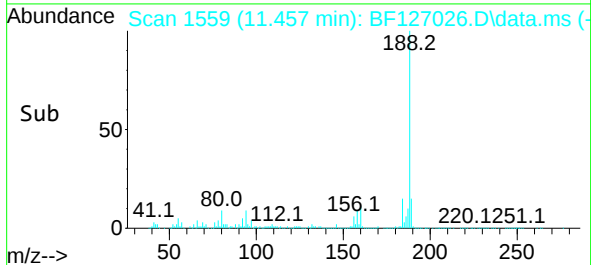
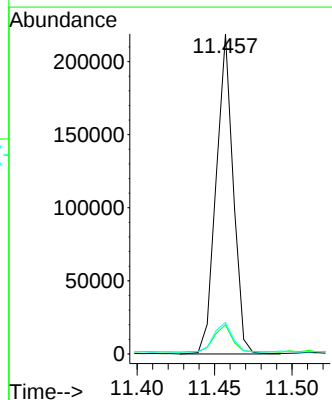
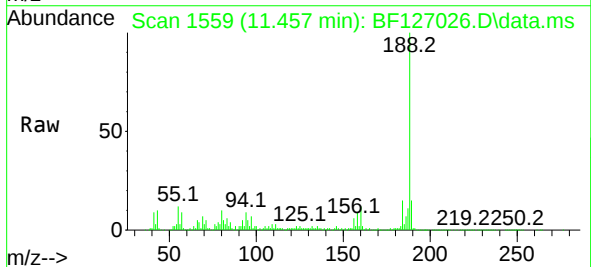
Instrument :
BNA_F
ClientSampleId :
CC-B2

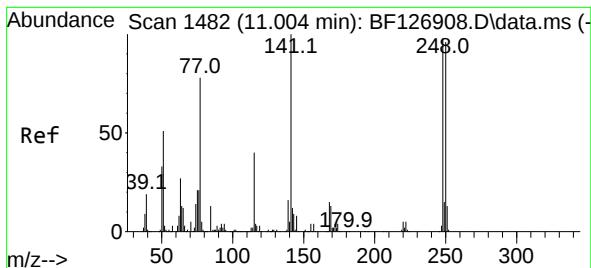
Tgt Ion:172 Resp: 482192
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF127026.D
Acq: 22 Feb 2022 23:39

Tgt Ion:188 Resp: 167279
Ion Ratio Lower Upper
188 100
94 9.1 10.1 15.1#
80 9.8 11.8 17.6#

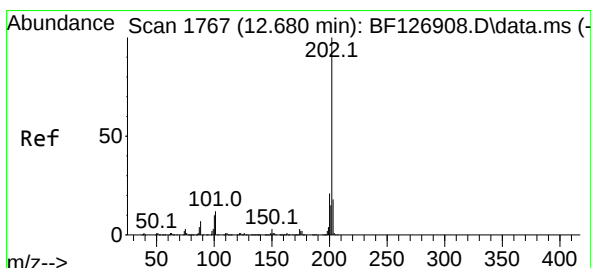
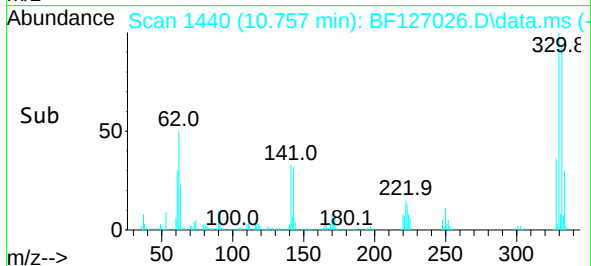
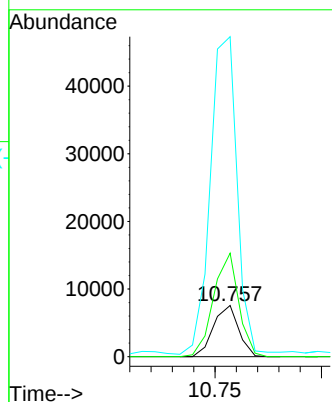
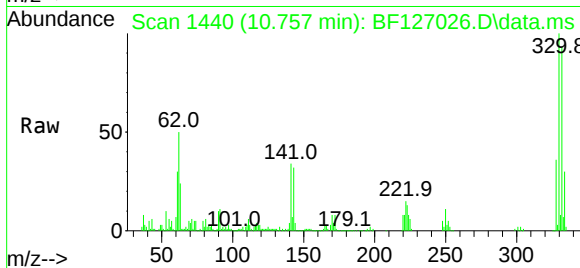




#67
4-Bromophenyl-phenylether
Concen: 3.323 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF127026.D
Acq: 22 Feb 2022 23:39

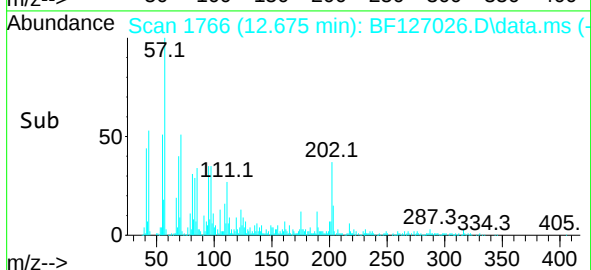
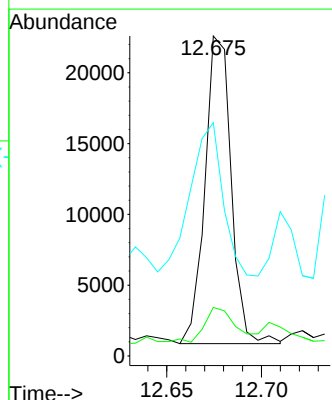
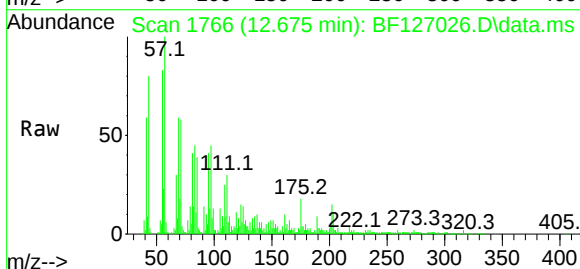
Instrument :
BNA_F
ClientSampleId :
CC-B2

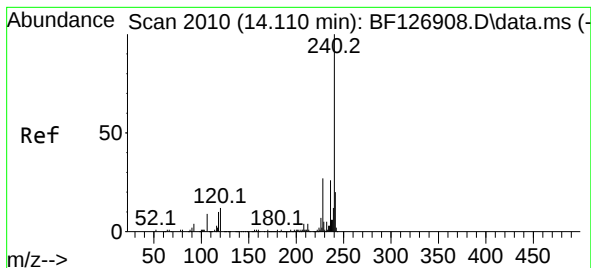
Tgt Ion:248 Resp: 6210
Ion Ratio Lower Upper
248 100
250 202.0 76.2 114.4#
141 624.5 66.2 99.4#



#75
Fluoranthene
Concen: 2.357 ng
RT: 12.675 min Scan# 1766
Delta R.T. 0.006 min
Lab File: BF127026.D
Acq: 22 Feb 2022 23:39

Tgt Ion:202 Resp: 20957
Ion Ratio Lower Upper
202 100
101 15.2 0.0 35.7
203 72.9 0.0 37.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.122 min Scan# 2010

Delta R.T. 0.024 min

Lab File: BF127026.D

Acq: 22 Feb 2022 23:39

Instrument :

BNA_F

ClientSampleId :

CC-B2

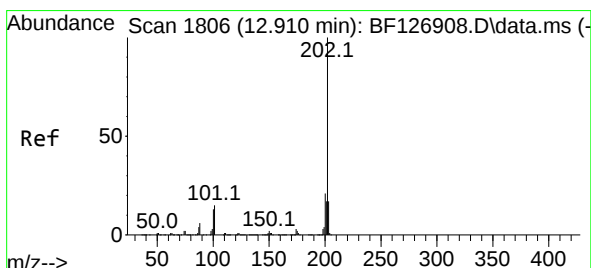
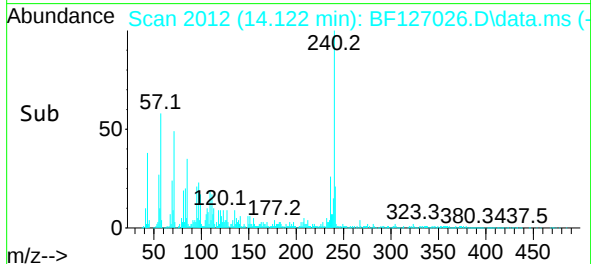
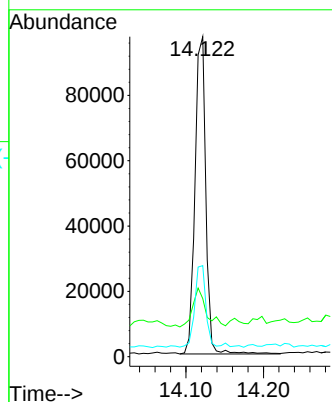
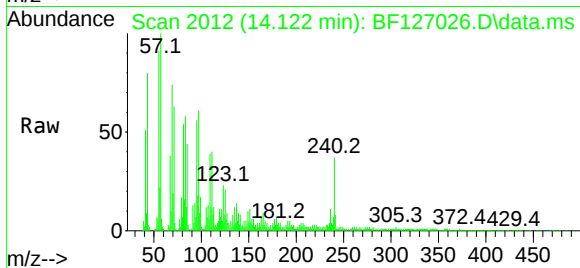
Tgt Ion:240 Resp: 94648

Ion Ratio Lower Upper

240 100

120 18.2 14.4 21.6

236 28.5 20.5 30.7



#78

Pyrene

Concen: 2.276 ng

RT: 12.910 min Scan# 1806

Delta R.T. 0.012 min

Lab File: BF127026.D

Acq: 22 Feb 2022 23:39

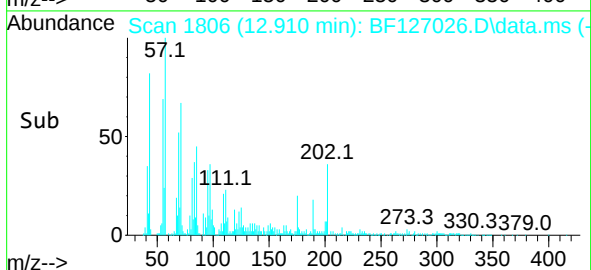
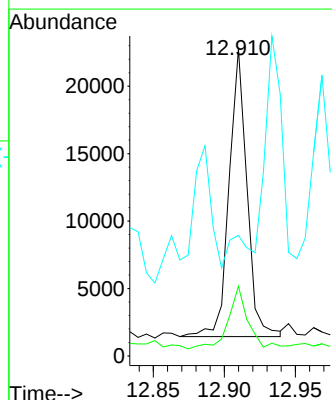
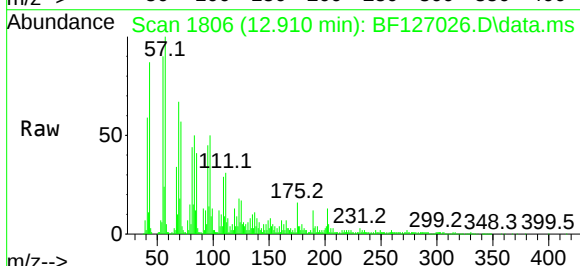
Tgt Ion:202 Resp: 18715

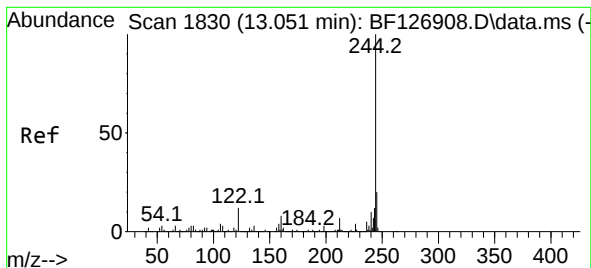
Ion Ratio Lower Upper

202 100

200 22.7 16.6 24.8

203 39.2 13.8 20.8#





#79

Terphenyl-d14

Concen: 70.909 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.012 min

Lab File: BF127026.D

Acq: 22 Feb 2022 23:39

Instrument :

BNA_F

ClientSampleId :

CC-B2

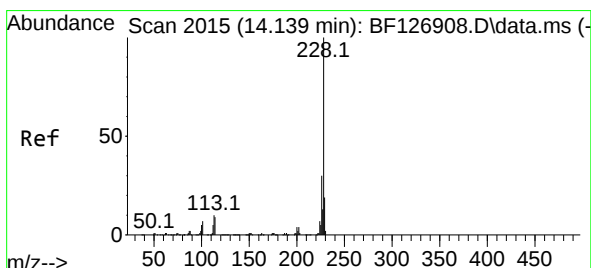
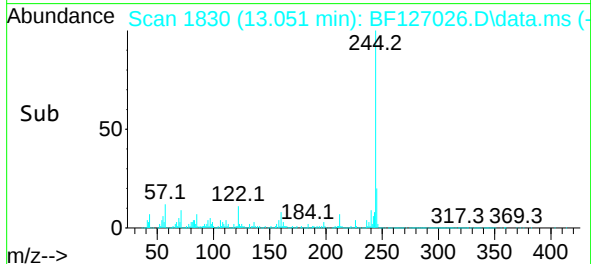
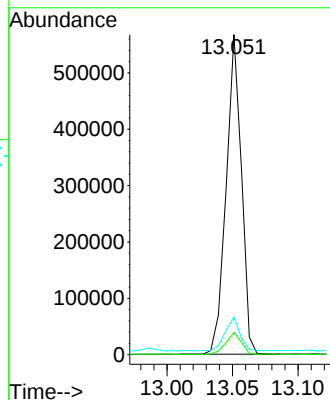
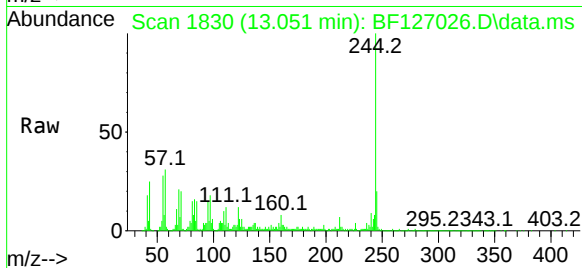
Tgt Ion:244 Resp: 456545

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 11.7 13.3 19.9#



#83

Chrysene

Concen: 2.113 ng

RT: 14.145 min Scan# 2016

Delta R.T. 0.024 min

Lab File: BF127026.D

Acq: 22 Feb 2022 23:39

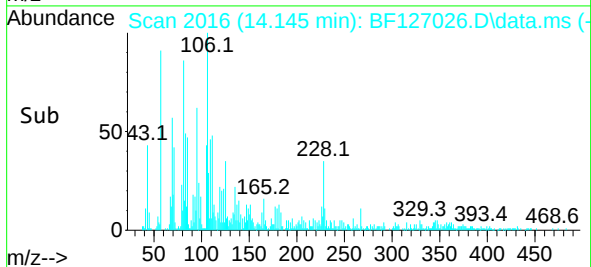
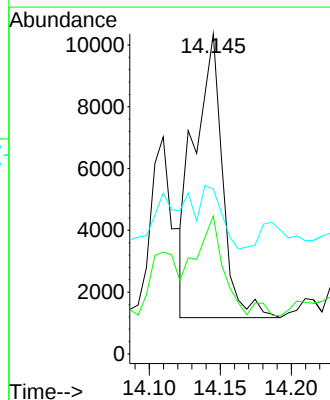
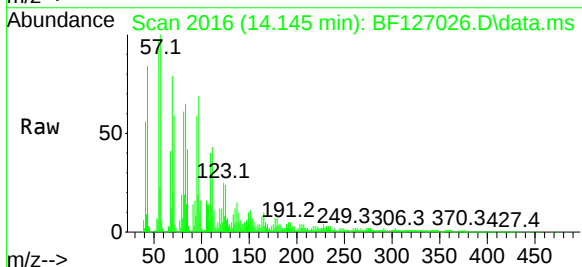
Tgt Ion:228 Resp: 12677

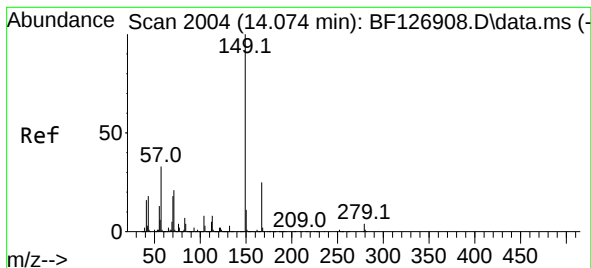
Ion Ratio Lower Upper

228 100

226 43.2 23.7 35.5#

229 51.5 15.5 23.3#

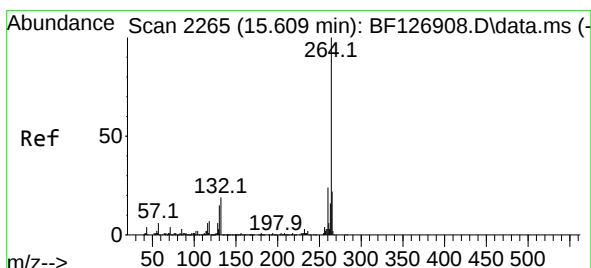
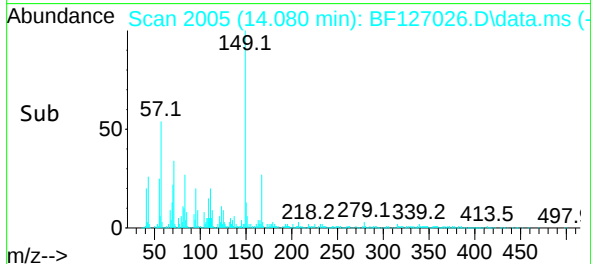
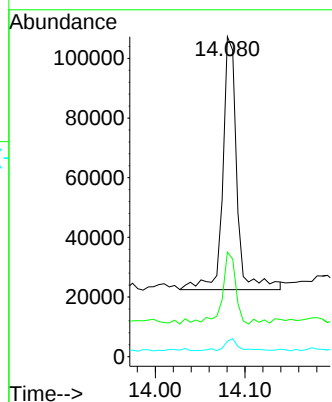
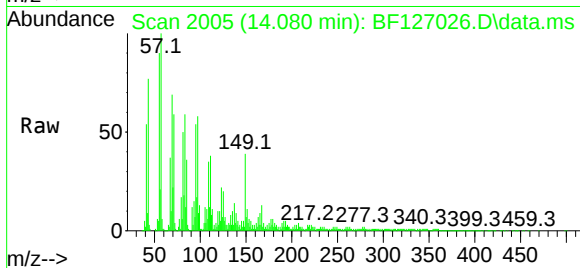




#84
Bis(2-ethylhexyl)phthalate
Concen: 18.130 ng
RT: 14.080 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF127026.D
Acq: 22 Feb 2022 23:39

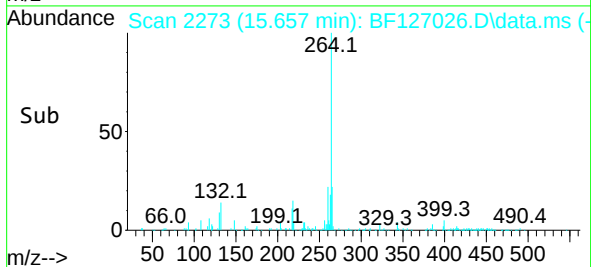
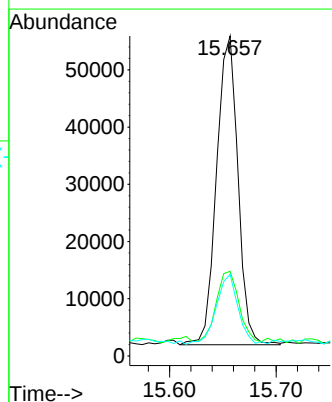
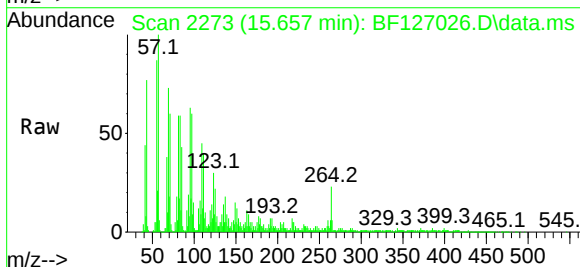
Instrument :
BNA_F
ClientSampleId :
CC-B2

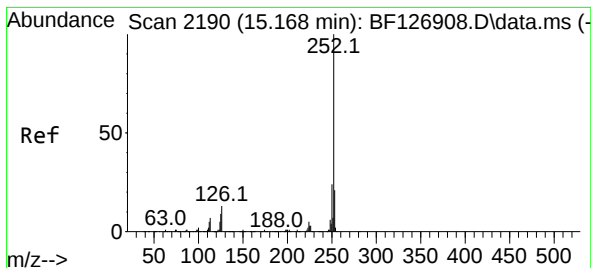
Tgt Ion:149 Resp: 92661
Ion Ratio Lower Upper
149 100
167 32.7 21.4 32.2#
279 4.8 2.4 3.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2273
Delta R.T. 0.065 min
Lab File: BF127026.D
Acq: 22 Feb 2022 23:39

Tgt Ion:264 Resp: 75150
Ion Ratio Lower Upper
264 100
260 26.4 19.2 28.8
265 25.5 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 3.701 ng

RT: 15.198 min Scan# 2195

Delta R.T. 0.047 min

Lab File: BF127026.D

Acq: 22 Feb 2022 23:39

Instrument :

BNA_F

ClientSampleId :

CC-B2

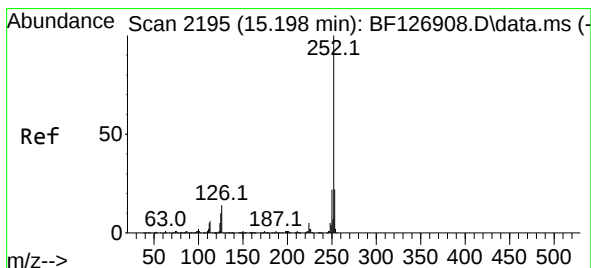
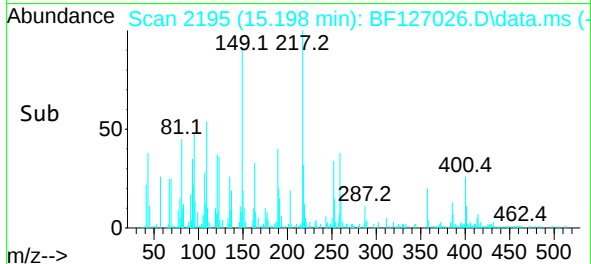
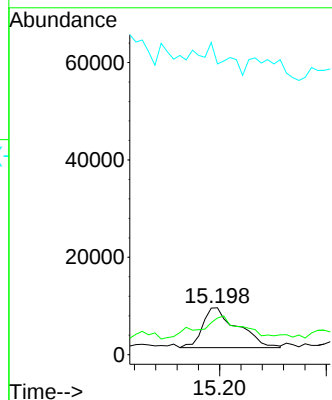
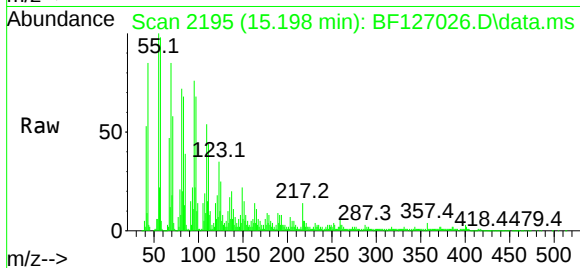
Tgt Ion:252 Resp: 18678

Ion Ratio Lower Upper

252 100

253 78.2 17.8 26.8#

125 620.8 12.4 18.6#



#89

Benzo(k)fluoranthene

Concen: 3.837 ng

RT: 15.198 min Scan# 2195

Delta R.T. 0.018 min

Lab File: BF127026.D

Acq: 22 Feb 2022 23:39

Tgt Ion:252 Resp: 18678

Ion Ratio Lower Upper

252 100

253 78.2 17.5 26.3#

125 620.8 11.8 17.6#

