

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127020.D
 Acq On : 22 Feb 2022 20:46
 Operator : CG\JU
 Sample : N1626-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-B6

Quant Time: Feb 22 23:59:30 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)

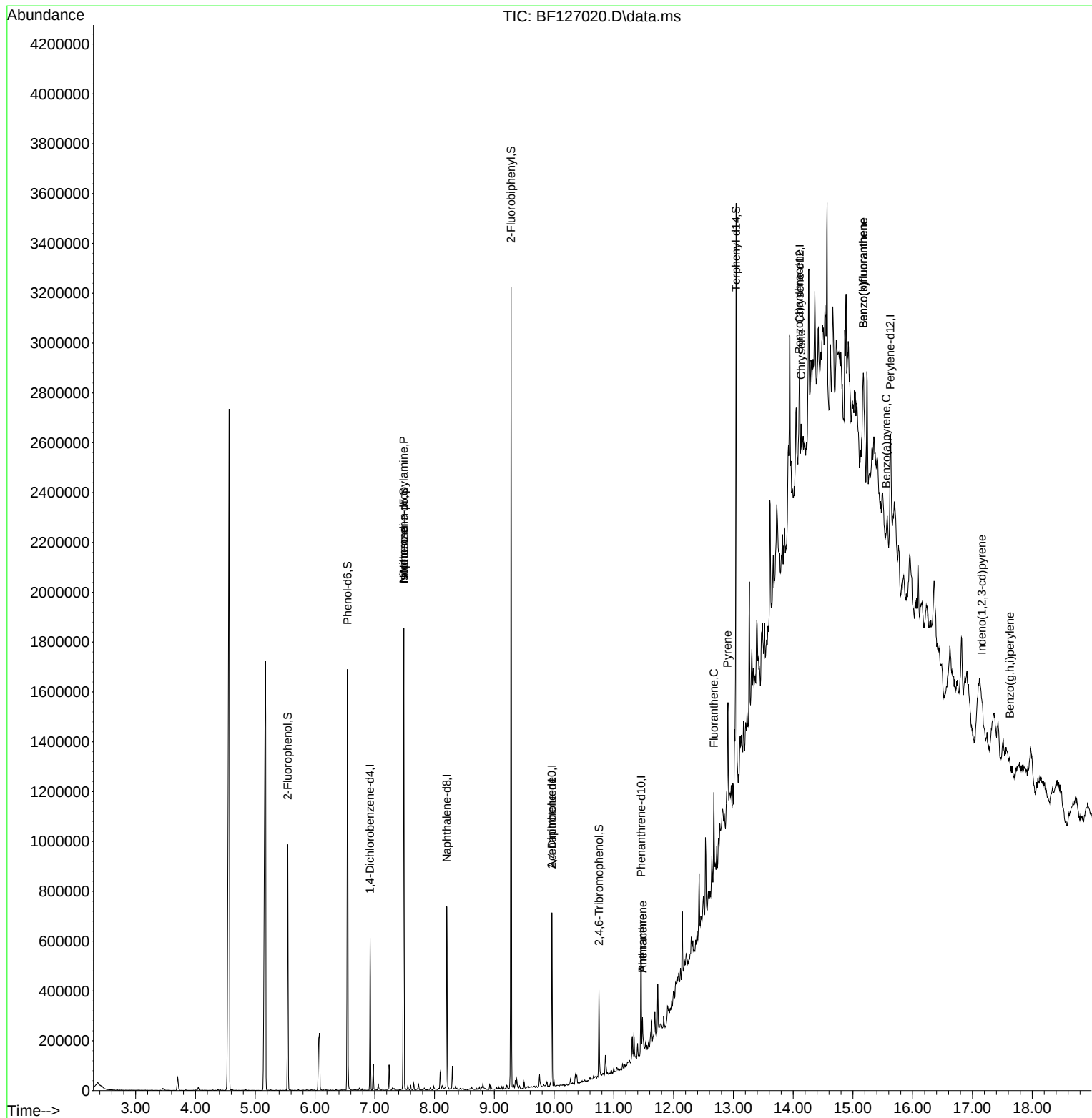
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	76808	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	280866	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	117892	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	167281	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	127038	20.000	ng	# 0.01
86) Perylene-d12	15.627	264	99030	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	202737	40.796	ng	0.00
7) Phenol-d6	6.545	99	493825	73.643	ng	0.00
23) Nitrobenzene-d5	7.486	82	560234	90.034	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	33859	24.945	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	833040	104.024	ng	0.00
79) Terphenyl-d14	13.045	244	702380	81.277	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	77708	17.984	ng	# 81
25) Isophorone	7.486	82	559253	54.314	ng	# 69
57) 2,4-Dinitrotoluene	9.963	165	14925	6.438	ng	# 16
71) Phenanthrene	11.480	178	39265	4.194	ng	98
72) Anthracene	11.480	178	39265	4.213	ng	99
75) Fluoranthene	12.674	202	81696	9.189	ng	91
78) Pyrene	12.904	202	67523	6.118	ng	97
81) Benzo(a)anthracene	14.098	228	37291	4.354	ng	# 94
83) Chrysene	14.133	228	42028	5.218	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.156	276	21315	3.283	ng	94
88) Benzo(b)fluoranthene	15.174	252	74406	11.187	ng	# 13
89) Benzo(k)fluoranthene	15.174	252	74406	11.598	ng	# 12
90) Benzo(a)pyrene	15.557	252	27122	5.221	ng	# 1
92) Benzo(g,h,i)perylene	17.627	276	21724	4.103	ng	# 85

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

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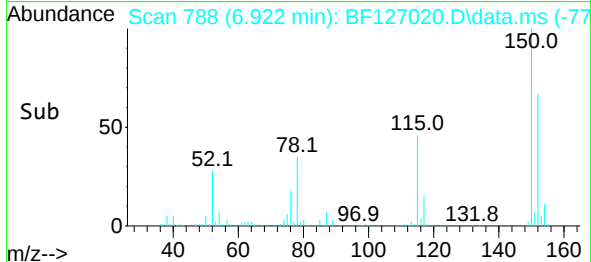
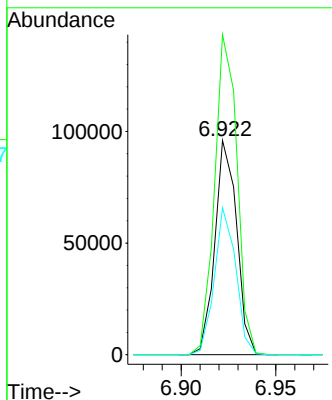
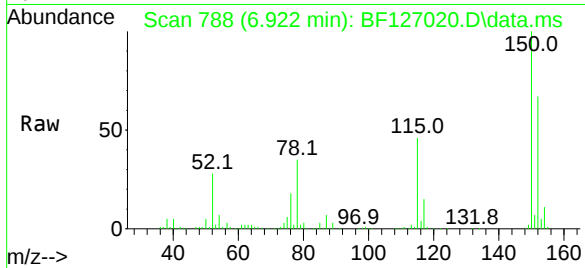




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

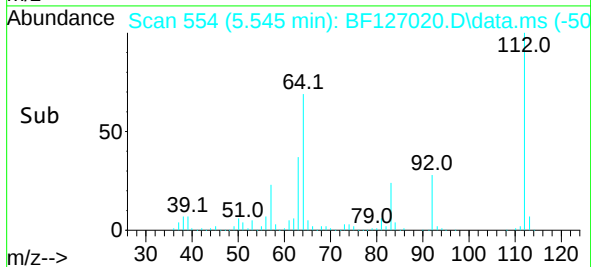
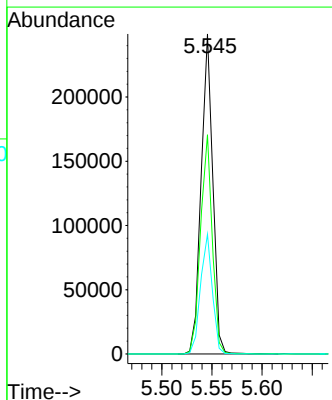
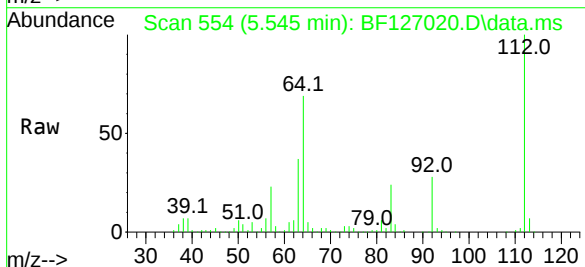
Instrument :
BNA_F
ClientSampleId :
CC-B6

Tgt Ion:152 Resp: 76808
Ion Ratio Lower Upper
152 100
150 149.4 128.1 192.1
115 68.6 56.7 85.1



#5
2-Fluorophenol
Concen: 40.796 ng
RT: 5.545 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Tgt Ion:112 Resp: 202737
Ion Ratio Lower Upper
112 100
64 68.5 49.5 74.3
63 37.4 23.9 35.9#

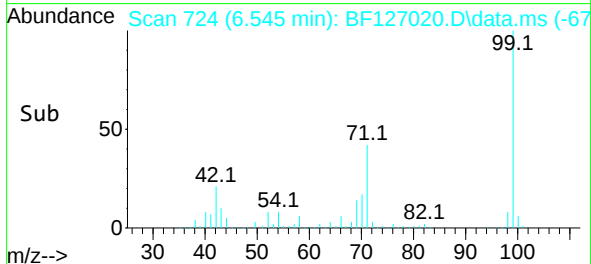
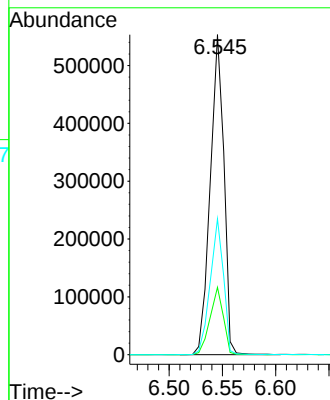
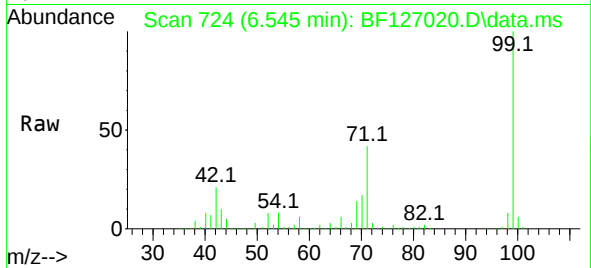




#7
Phenol-d6
Concen: 73.643 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

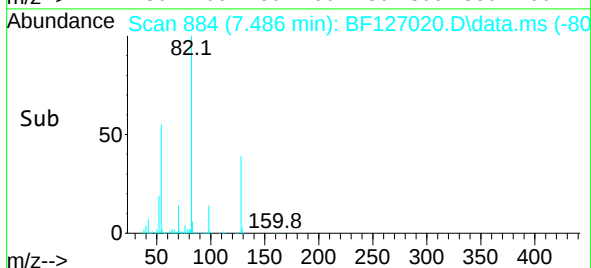
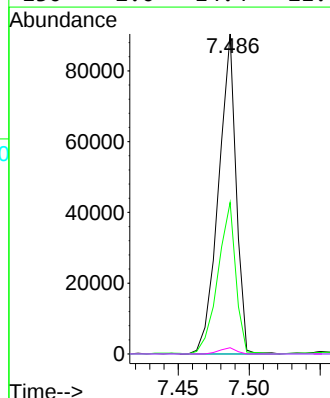
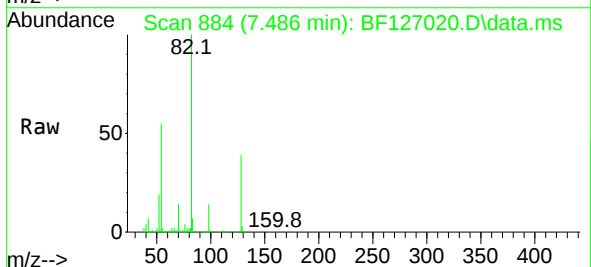
Instrument :
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ClientSampleId :
CC-B6

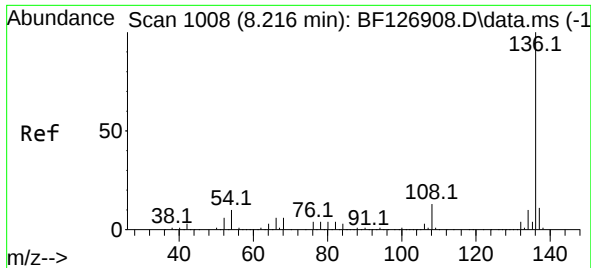
Tgt Ion: 99 Resp: 493825
Ion Ratio Lower Upper
99 100
42 21.1 14.2 21.4
71 42.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.984 ng
RT: 7.486 min Scan# 884
Delta R.T. 0.153 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Tgt Ion: 70 Resp: 77708
Ion Ratio Lower Upper
70 100
42 47.4 45.8 68.8
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#

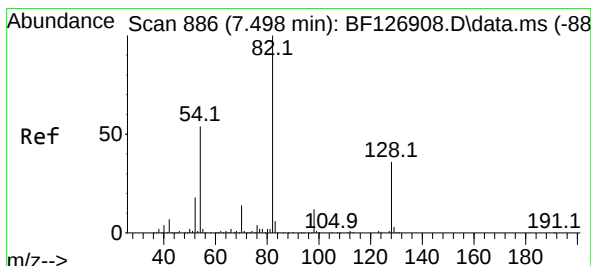
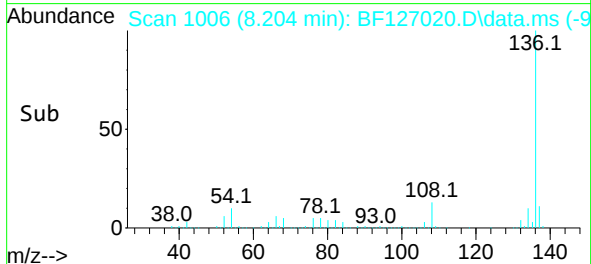
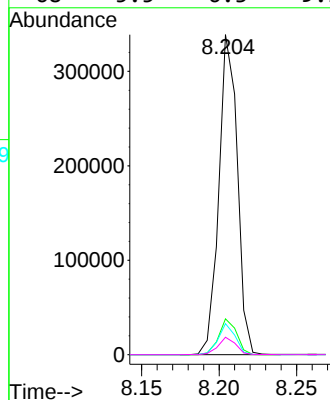
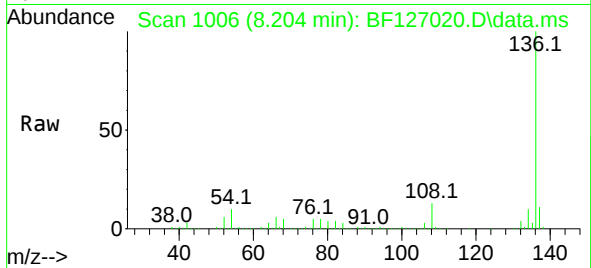




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

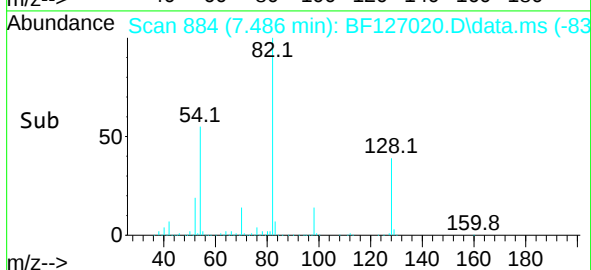
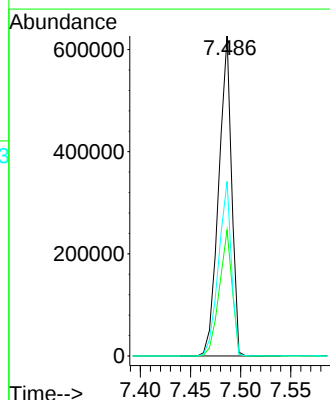
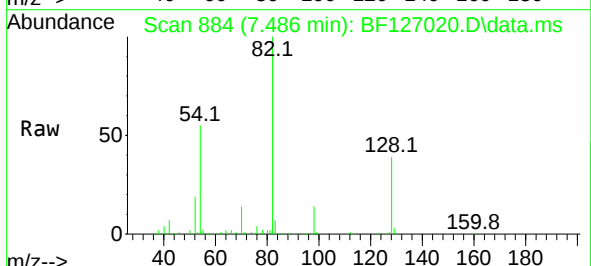
Instrument :
BNA_F
ClientSampleId :
CC-B6

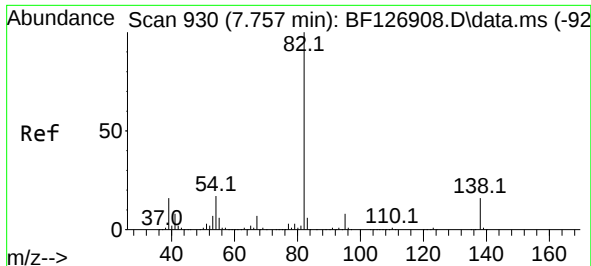
Tgt Ion:136 Resp: 280866
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.7 7.8 11.6
68 5.5 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 90.034 ng
RT: 7.486 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Tgt Ion: 82 Resp: 560234
Ion Ratio Lower Upper
82 100
128 39.4 32.7 49.1
54 54.5 41.7 62.5

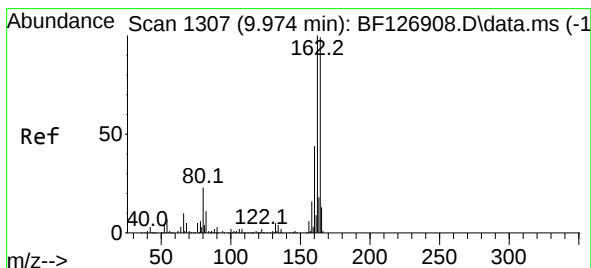
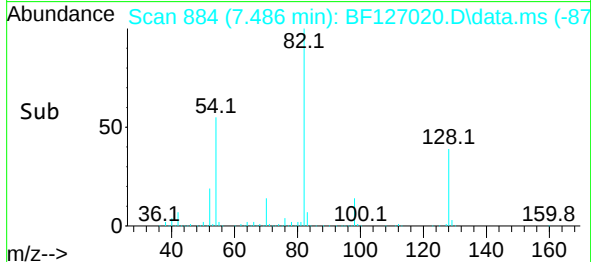
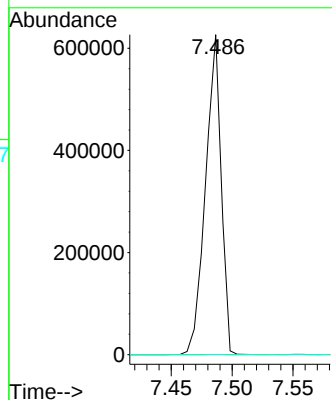
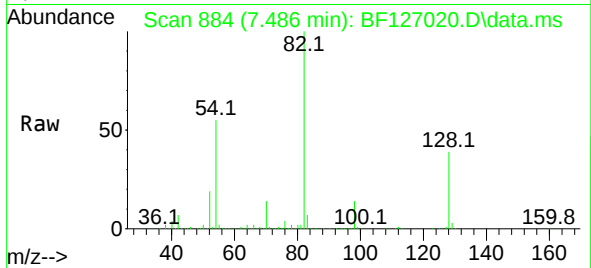




#25
Isophorone
Concen: 54.314 ng
RT: 7.486 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

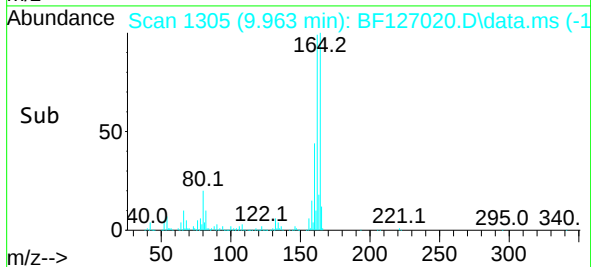
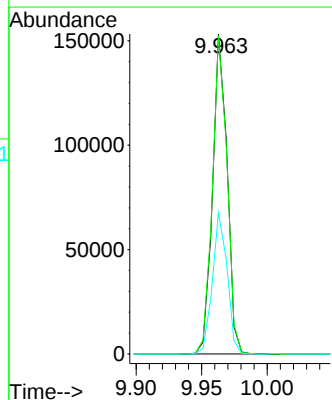
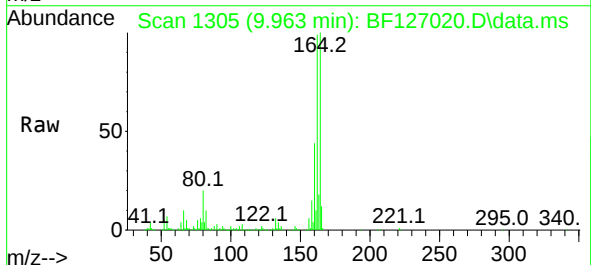
Instrument :
BNA_F
ClientSampleId :
CC-B6

Tgt Ion: 82 Resp: 559253
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# 1305
Delta R.T. -0.000 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Tgt Ion:164 Resp: 117892
Ion Ratio Lower Upper
164 100
162 99.5 81.4 122.0
160 44.2 36.6 54.8

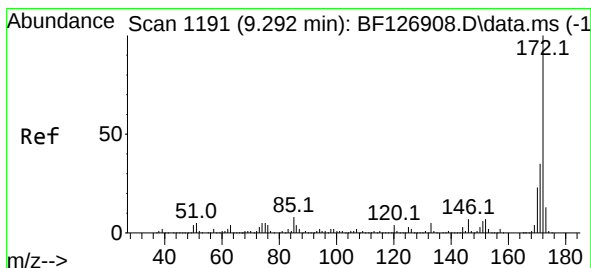
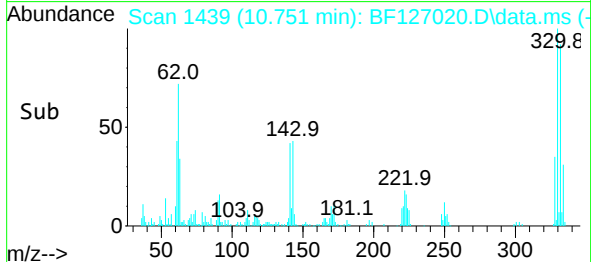
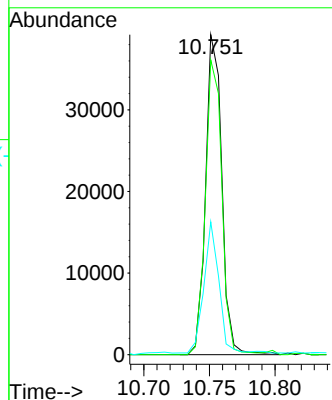
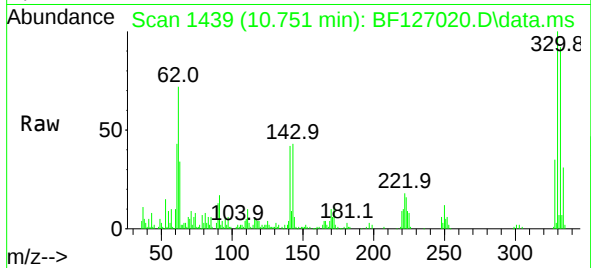




#42
 2,4,6-Tribromophenol
 Concen: 24.945 ng
 RT: 10.751 min Scan# 1442
 Delta R.T. -0.000 min
 Lab File: BF127020.D
 Acq: 22 Feb 2022 20:46

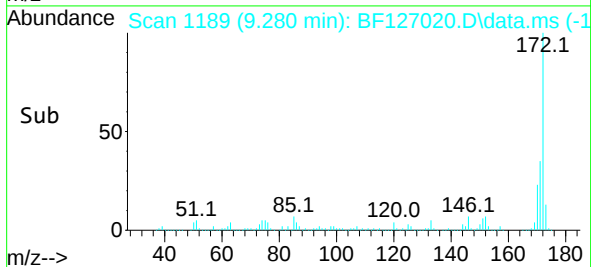
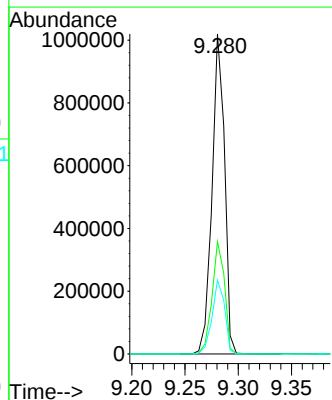
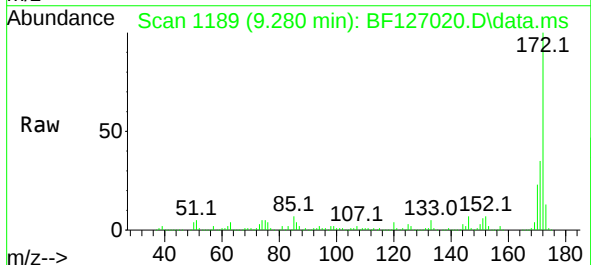
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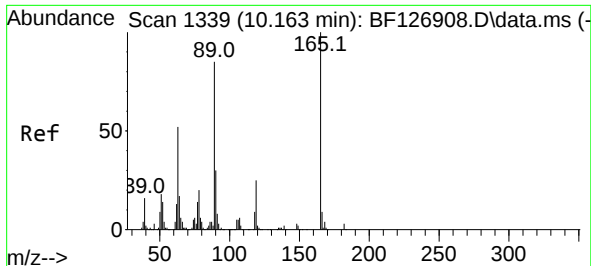
Tgt Ion: 330 Resp: 33859
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.0 114.0
 141 38.2 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 104.024 ng
 RT: 9.280 min Scan# 1189
 Delta R.T. -0.000 min
 Lab File: BF127020.D
 Acq: 22 Feb 2022 20:46

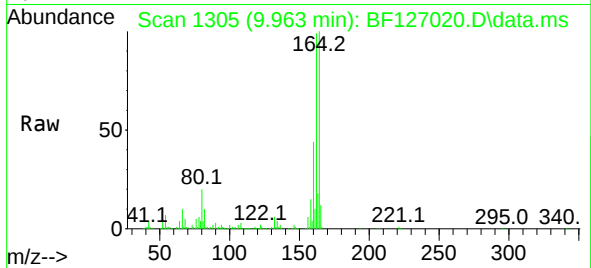
Tgt Ion: 172 Resp: 833040
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.1 19.0 28.6



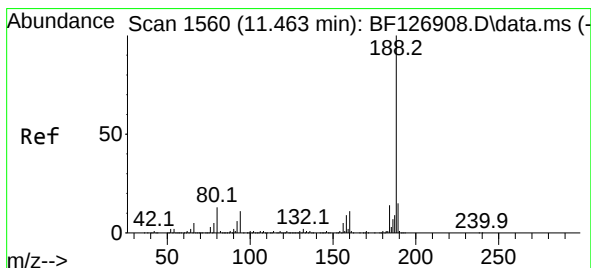
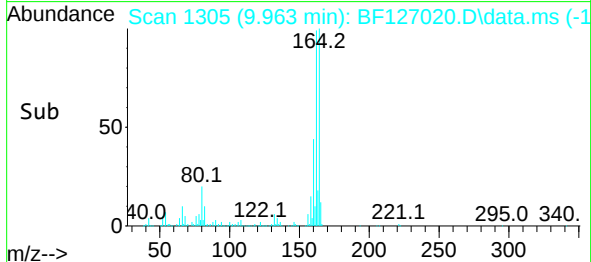
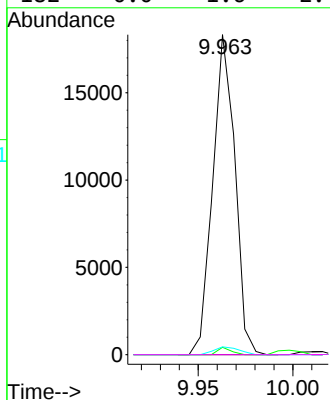


#57
2,4-Dinitrotoluene
Concen: 6.438 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Instrument :
BNA_F
ClientSampleId :
CC-B6

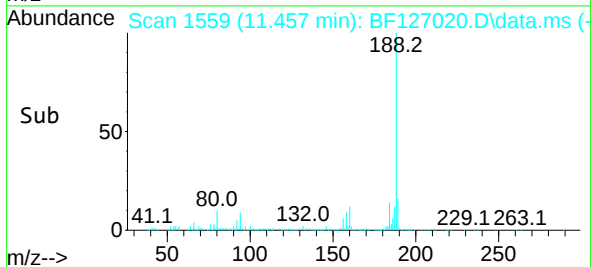
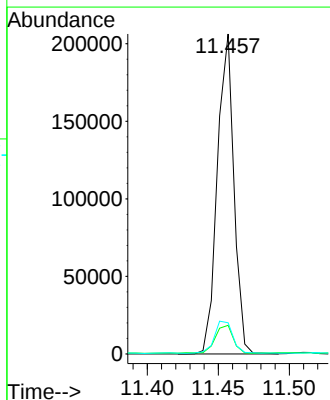
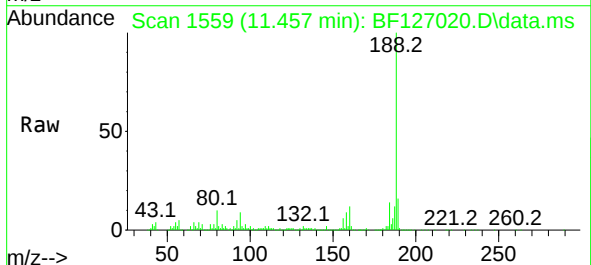


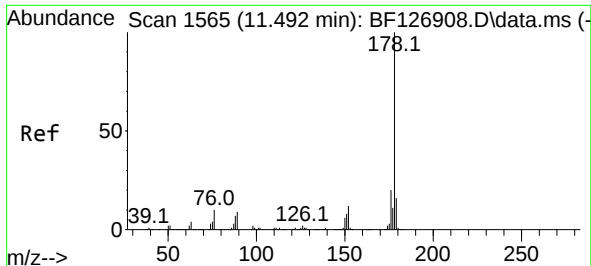
Tgt Ion:165 Resp: 14925
Ion Ratio Lower Upper
165 100
63 2.3 43.0 64.6#
89 2.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Tgt Ion:188 Resp: 167281
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1#
80 9.8 11.8 17.6#

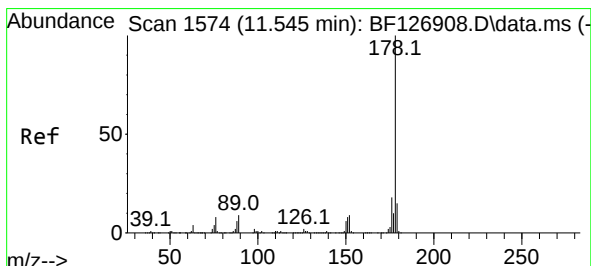
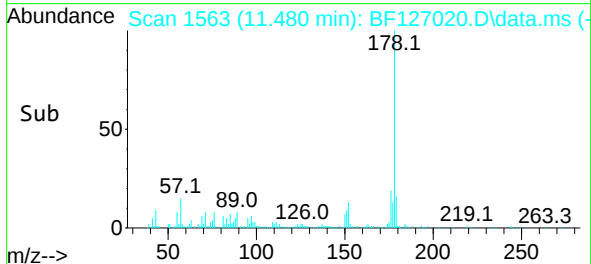
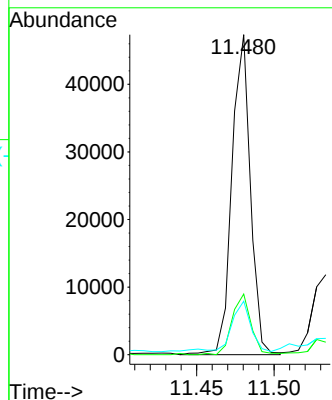
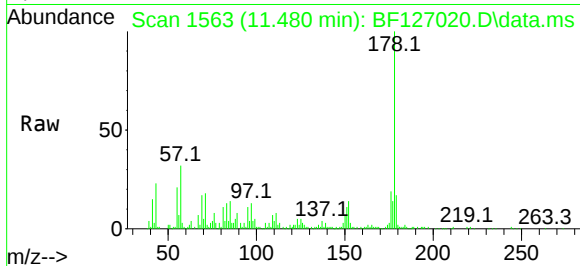




#71
Phenanthrene
Concen: 4.194 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

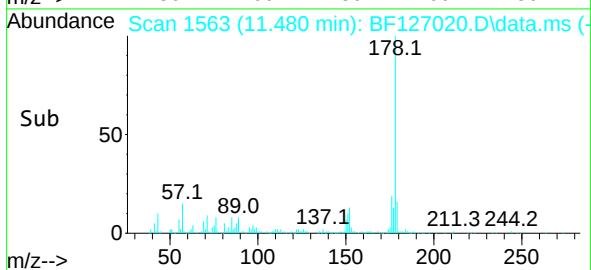
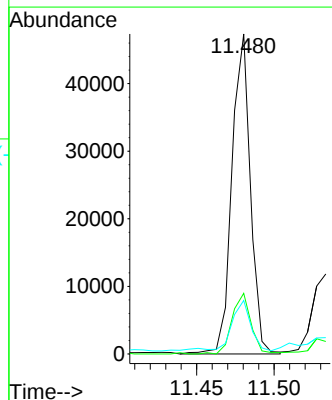
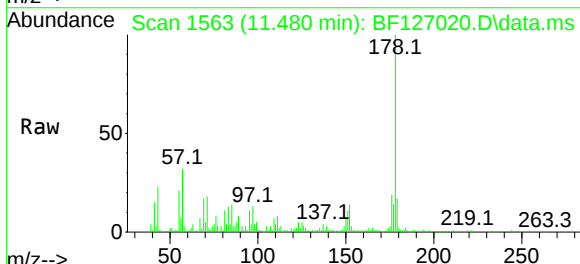
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CC-B6

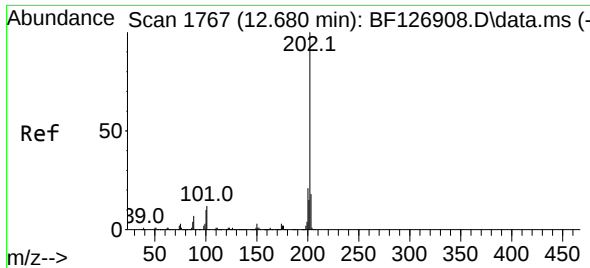
Tgt Ion:178 Resp: 39265
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 16.7 12.3 18.5



#72
Anthracene
Concen: 4.213 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.047 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Tgt Ion:178 Resp: 39265
Ion Ratio Lower Upper
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176 19.0 15.0 22.6
179 16.7 12.5 18.7

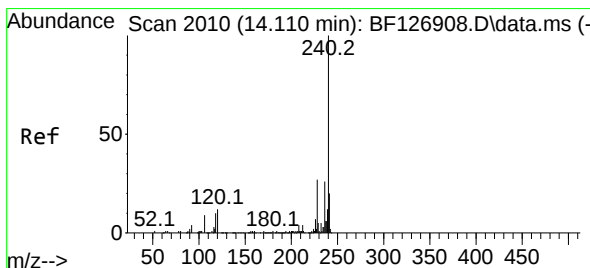
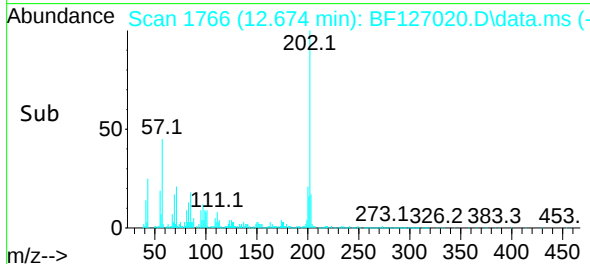
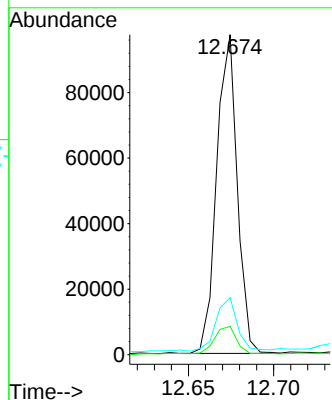
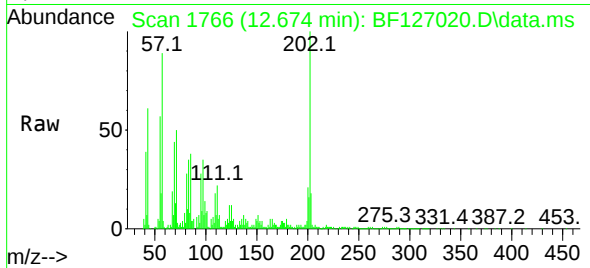




#75
Fluoranthene
Concen: 9.189 ng
RT: 12.674 min Scan# 1766
Delta R.T. 0.006 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

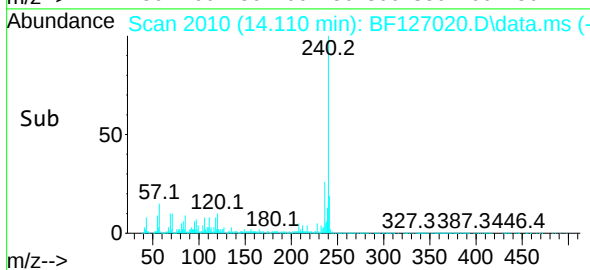
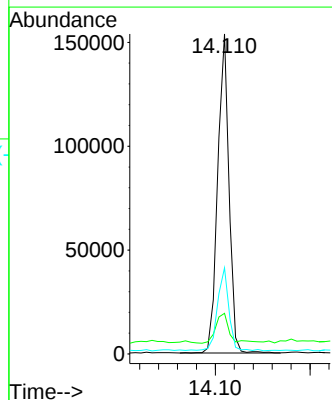
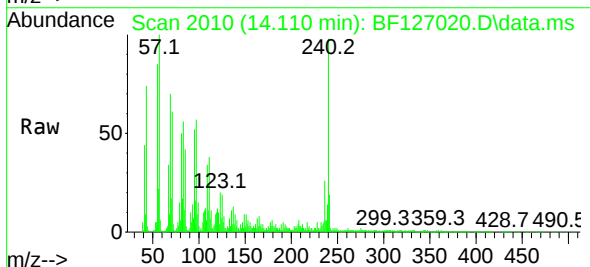
Instrument :
BNA_F
ClientSampleId :
CC-B6

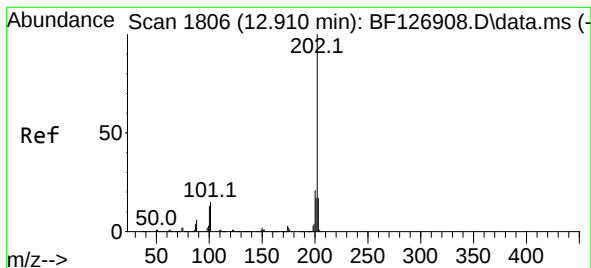
Tgt Ion:202 Resp: 81696
Ion Ratio Lower Upper
202 100
101 8.9 0.0 35.7
203 17.8 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. 0.012 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Tgt Ion:240 Resp: 127038
Ion Ratio Lower Upper
240 100
120 12.7 14.4 21.6#
236 26.9 20.5 30.7





#78

Pyrene

Concen: 6.118 ng

RT: 12.904 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF127020.D

Acq: 22 Feb 2022 20:46

Instrument :

BNA_F

ClientSampleId :

CC-B6

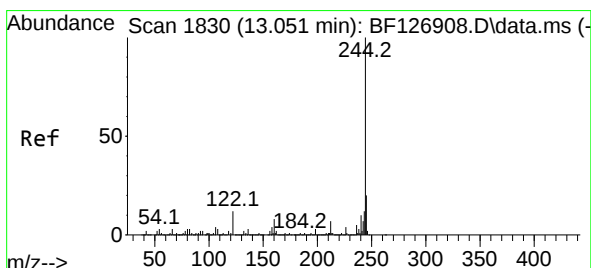
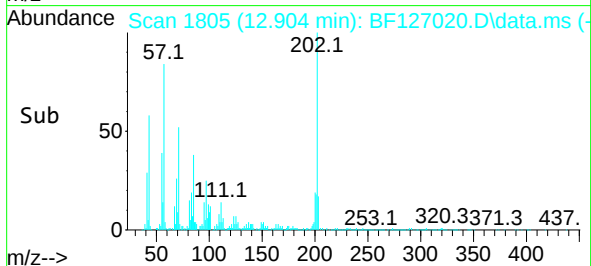
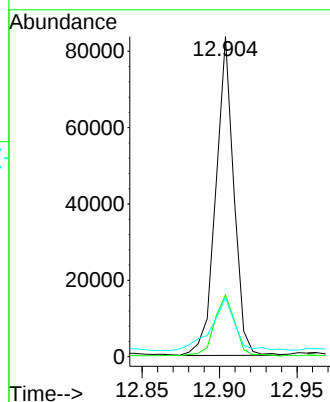
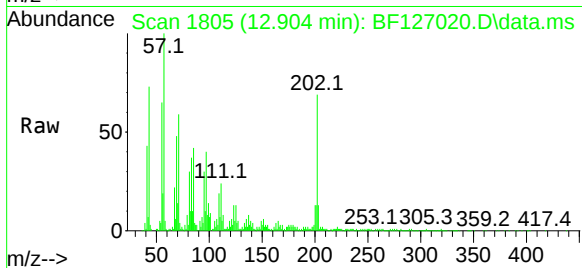
Tgt Ion:202 Resp: 67523

Ion Ratio Lower Upper

202 100

200 19.3 16.6 24.8

203 18.5 13.8 20.8



#79

Terphenyl-d14

Concen: 81.277 ng

RT: 13.045 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF127020.D

Acq: 22 Feb 2022 20:46

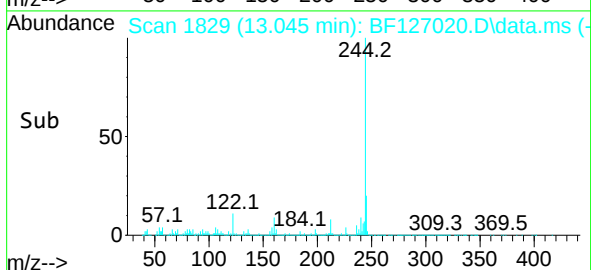
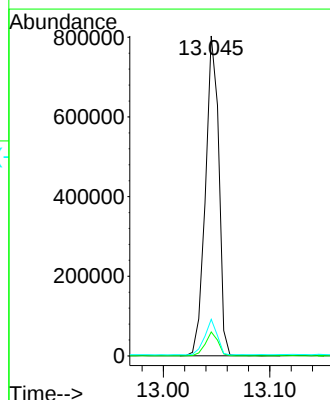
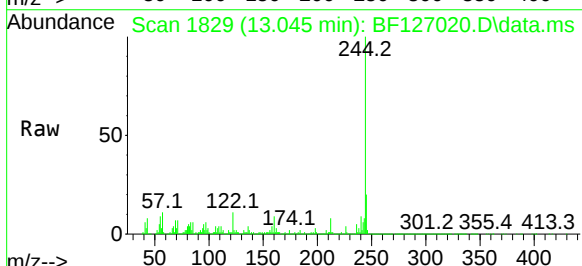
Tgt Ion:244 Resp: 702380

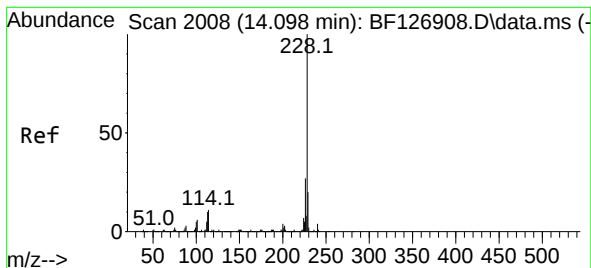
Ion Ratio Lower Upper

244 100

212 7.5 5.0 7.4#

122 11.4 13.3 19.9#





#81

Benzo(a)anthracene

Concen: 4.354 ng

RT: 14.098 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF127020.D

Acq: 22 Feb 2022 20:46

Instrument :

BNA_F

ClientSampleId :

CC-B6

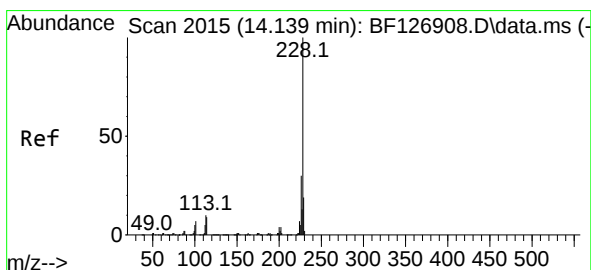
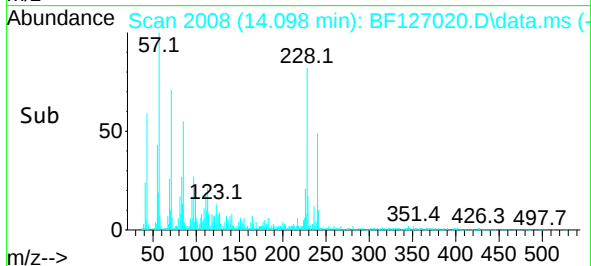
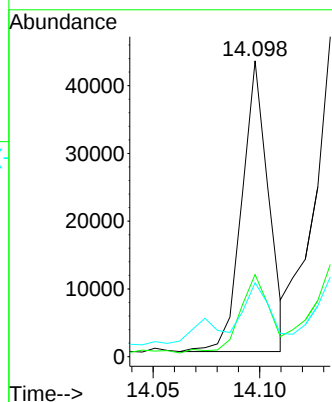
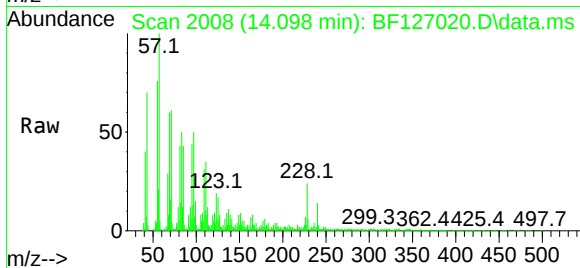
Tgt Ion:228 Resp: 37291

Ion Ratio Lower Upper

228 100

226 27.7 21.4 32.0

229 25.0 15.4 23.2#



#83

Chrysene

Concen: 5.218 ng

RT: 14.133 min Scan# 2014

Delta R.T. 0.012 min

Lab File: BF127020.D

Acq: 22 Feb 2022 20:46

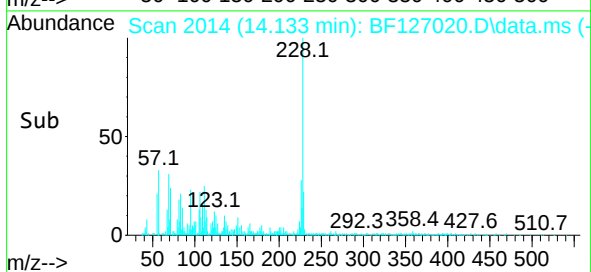
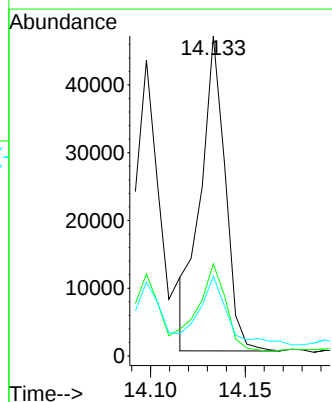
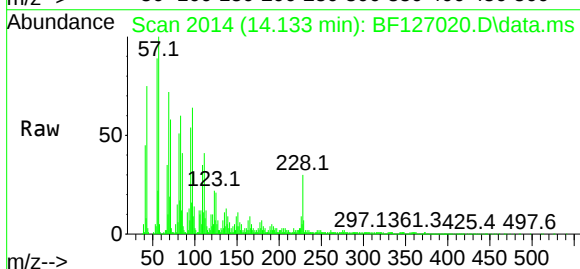
Tgt Ion:228 Resp: 42028

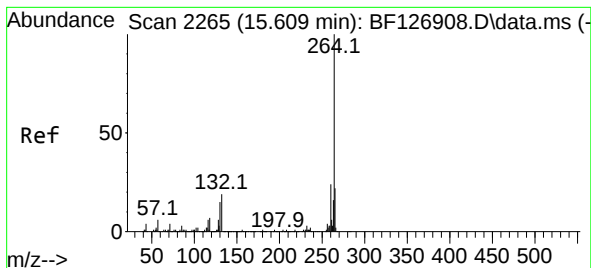
Ion Ratio Lower Upper

228 100

226 28.8 23.7 35.5

229 24.9 15.5 23.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF127020.D

Acq: 22 Feb 2022 20:46

Instrument :

BNA_F

ClientSampleId :

CC-B6

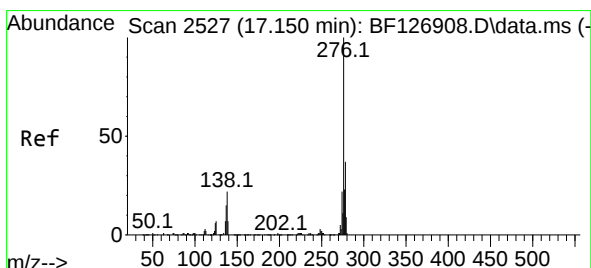
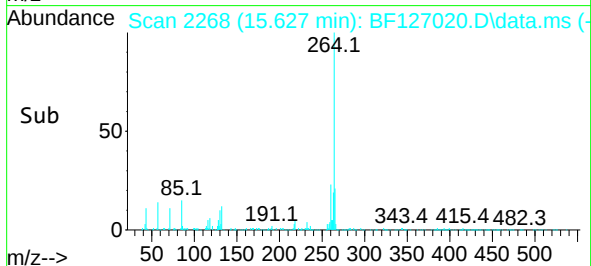
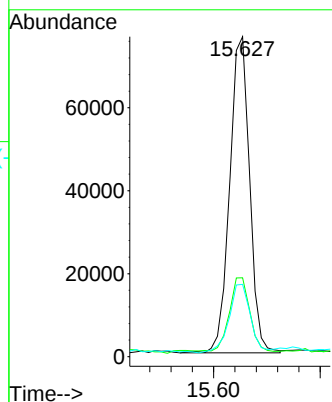
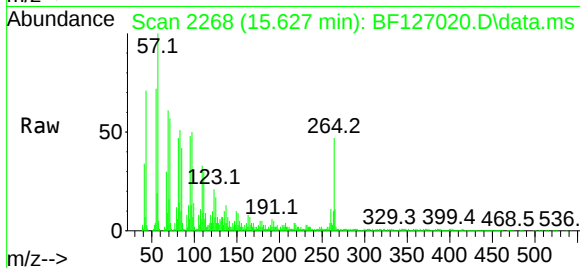
Tgt Ion:264 Resp: 99030

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.6 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.283 ng

RT: 17.156 min Scan# 2528

Delta R.T. 0.041 min

Lab File: BF127020.D

Acq: 22 Feb 2022 20:46

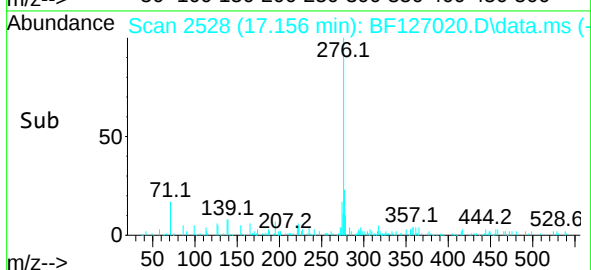
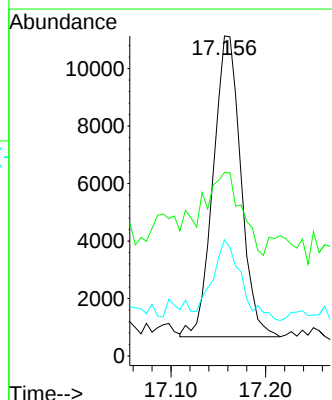
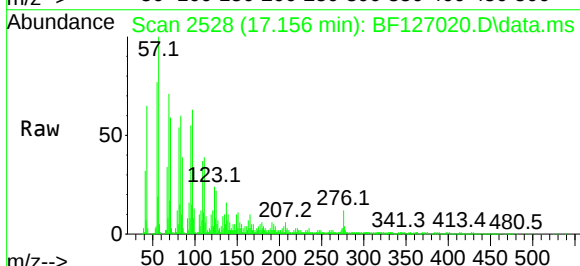
Tgt Ion:276 Resp: 21315

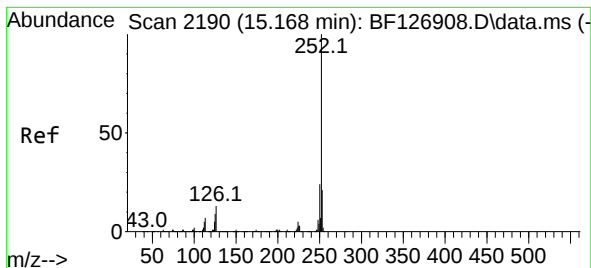
Ion Ratio Lower Upper

276 100

138 33.8 29.2 43.8

277 28.3 19.8 29.8





#88

Benzo(b)fluoranthene

Concen: 11.187 ng

RT: 15.174 min Scan# 2191

Delta R.T. 0.023 min

Lab File: BF127020.D

Acq: 22 Feb 2022 20:46

Instrument :

BNA_F

ClientSampleId :

CC-B6

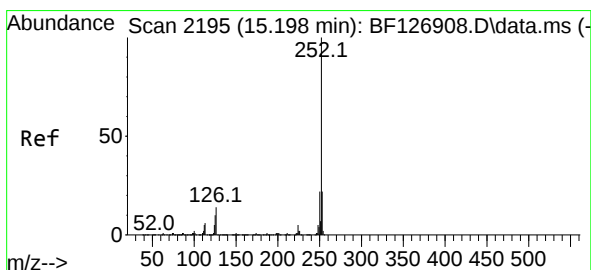
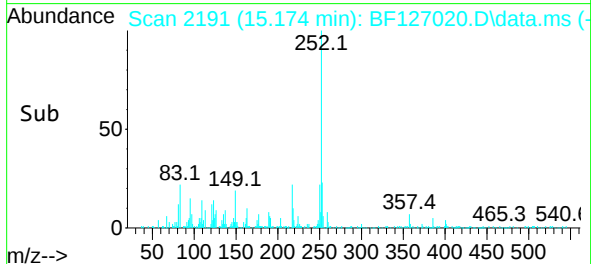
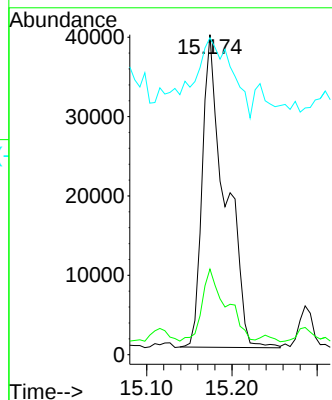
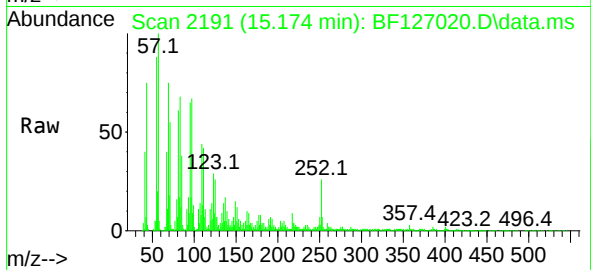
Tgt Ion:252 Resp: 74406

Ion Ratio Lower Upper

252 100

253 26.8 17.8 26.8#

125 99.0 12.4 18.6#



#89

Benzo(k)fluoranthene

Concen: 11.598 ng

RT: 15.174 min Scan# 2191

Delta R.T. -0.006 min

Lab File: BF127020.D

Acq: 22 Feb 2022 20:46

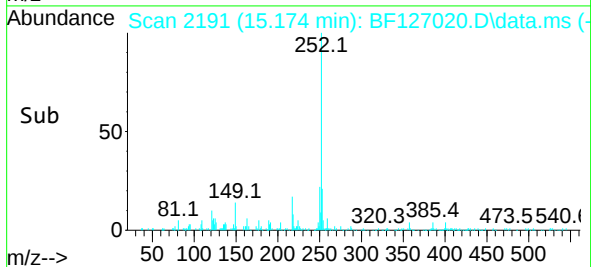
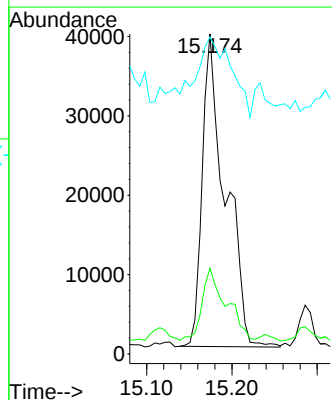
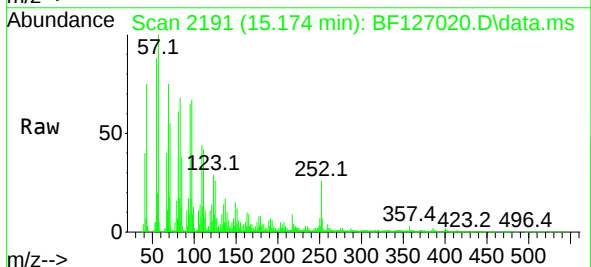
Tgt Ion:252 Resp: 74406

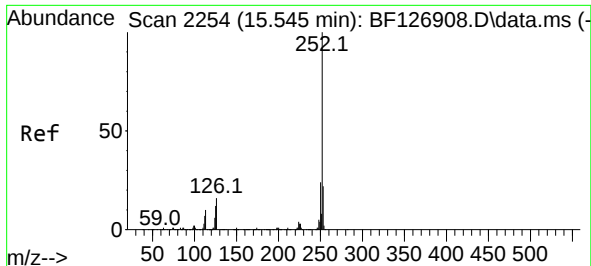
Ion Ratio Lower Upper

252 100

253 26.8 17.5 26.3#

125 99.0 11.8 17.6#

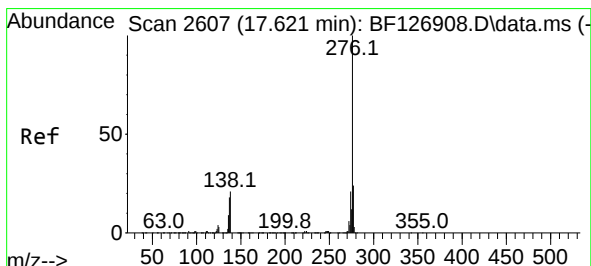
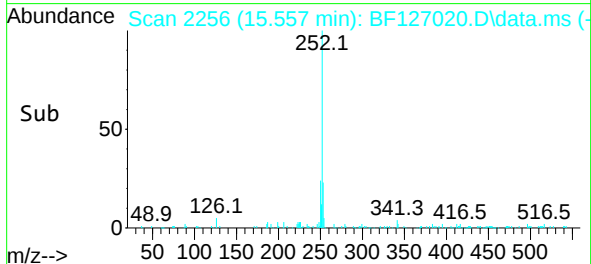
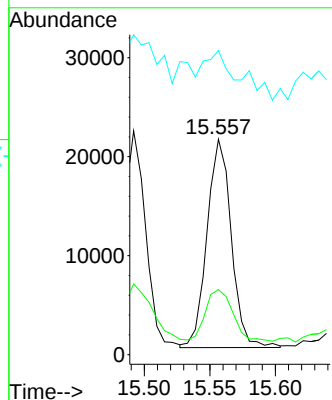
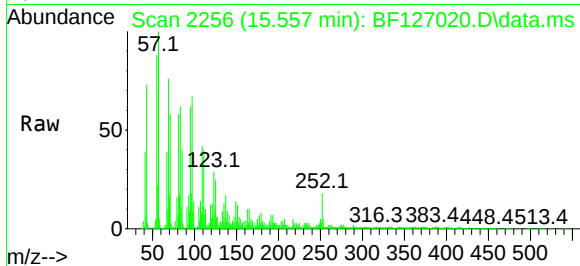




#90
Benzo(a)pyrene
Concen: 5.221 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Instrument :
BNA_F
ClientSampleId :
CC-B6

Tgt Ion:252 Resp: 27122
Ion Ratio Lower Upper
252 100
253 30.3 17.1 25.7#
125 141.3 13.0 19.6#



#92
Benzo(g,h,i)perylene
Concen: 4.103 ng
RT: 17.627 min Scan# 2608
Delta R.T. 0.041 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Tgt Ion:276 Resp: 21724
Ion Ratio Lower Upper
276 100
277 27.6 18.5 27.7
138 42.8 25.9 38.9#

