

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127025.D
 Acq On : 22 Feb 2022 23:10
 Operator : CG\JU
 Sample : N1626-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-A2

Quant Time: Feb 23 00:00:18 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)

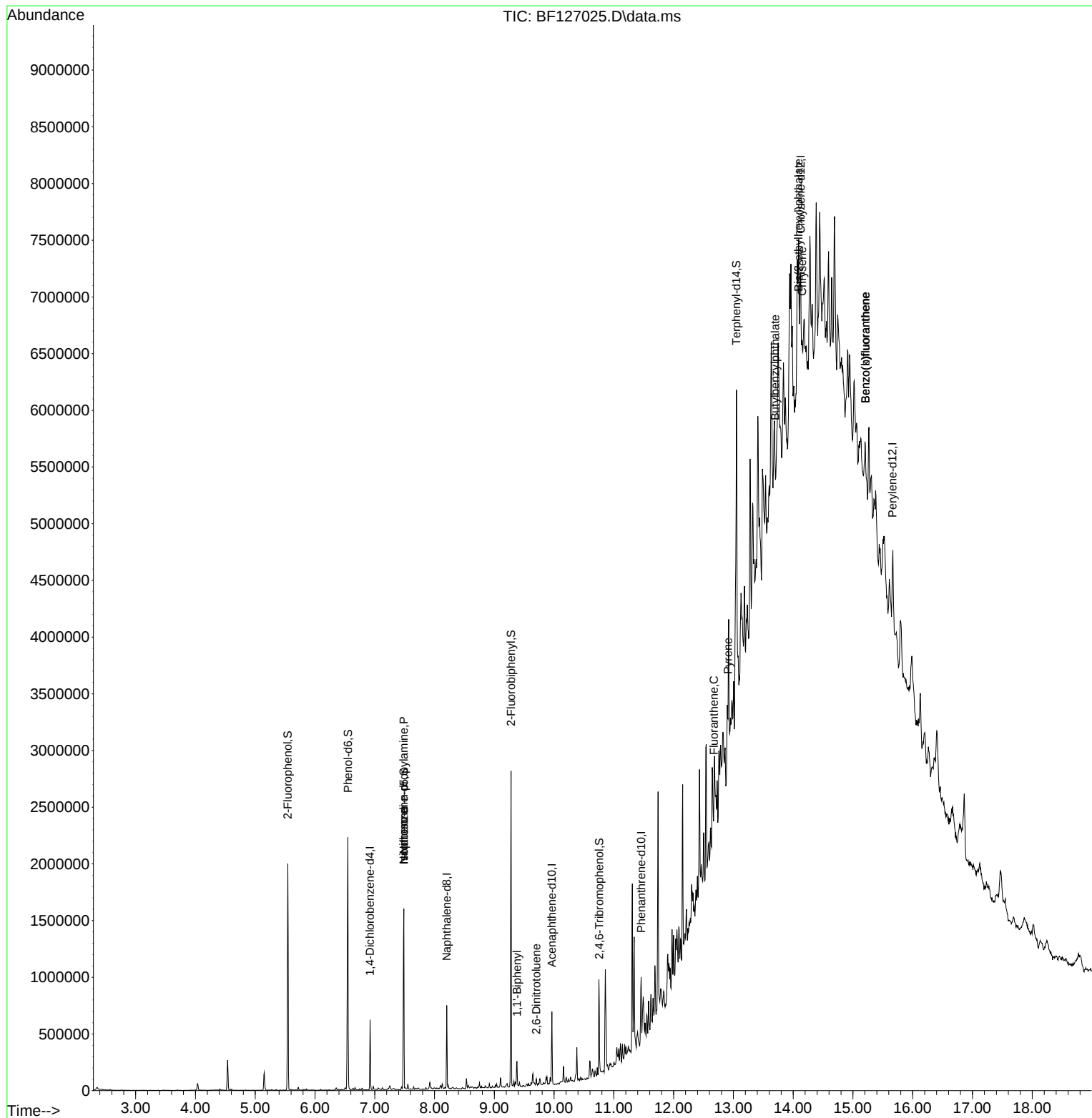
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	70865	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	253911	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	104249	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	167883	20.000	ng	# 0.00
76) Chrysene-d12	14.127	240	110754	20.000	ng	0.03
86) Perylene-d12	15.662	264	80710	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	461034	100.552	ng	0.00
7) Phenol-d6	6.551	99	673014	108.782	ng	0.00
23) Nitrobenzene-d5	7.487	82	486551	86.493	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	84645	70.521	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	680196	96.054	ng	0.00
79) Terphenyl-d14	13.051	244	656838	87.182	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	67686	16.978	ng	# 78
25) Isophorone	7.487	82	484516	52.051	ng	# 69
46) 1,1'-Biphenyl	9.381	154	39843	4.824	ng	99
51) 2,6-Dinitrotoluene	9.704	165	4337	2.861	ng	# 23
75) Fluoranthene	12.674	202	40529	4.542	ng	91
78) Pyrene	12.910	202	31495	3.273	ng	# 91
80) Butylbenzylphthalate	13.698	149	11633	2.554	ng	89
83) Chrysene	14.151	228	23931	3.408	ng	# 83
84) Bis(2-ethylhexyl)phtha...	14.092	149	326493	54.593	ng	# 97
88) Benzo(b)fluoranthene	15.210	252	25681	4.738	ng	# 1
89) Benzo(k)fluoranthene	15.210	252	25681	4.912	ng	# 1

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

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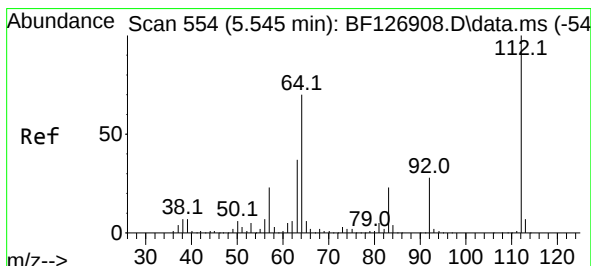
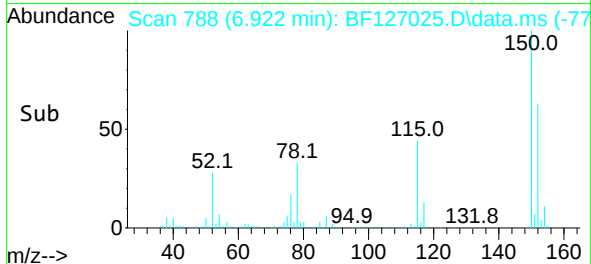
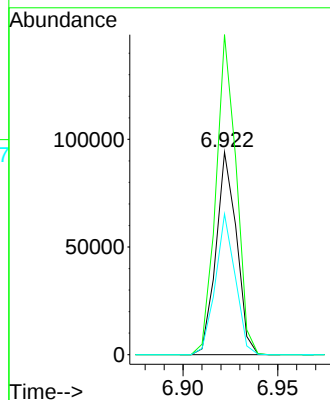
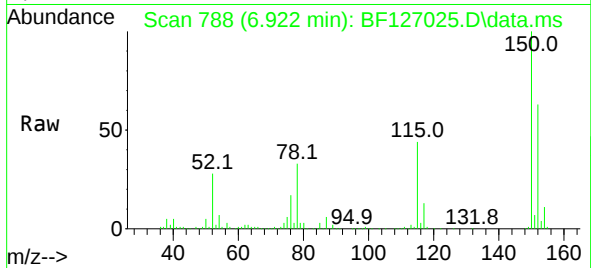




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127025.D
Acq: 22 Feb 2022 23:10

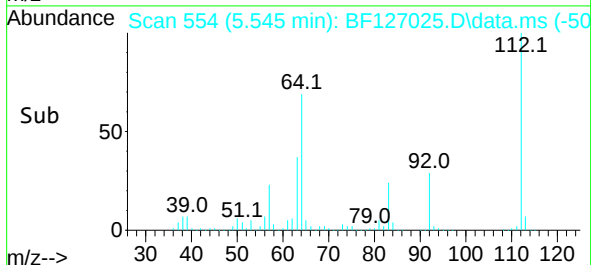
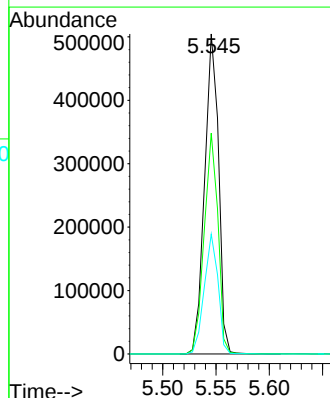
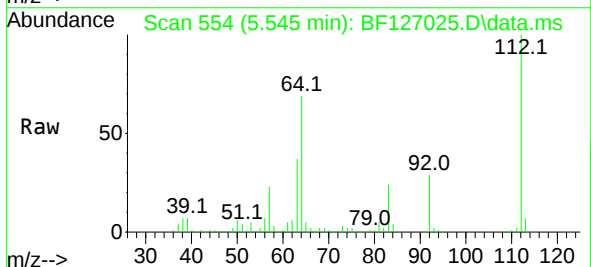
Instrument :
BNA_F
ClientSampleId :
CC-A2

Tgt Ion:152 Resp: 70865
Ion Ratio Lower Upper
152 100
150 158.0 128.1 192.1
115 69.4 56.7 85.1



#5
2-Fluorophenol
Concen: 100.552 ng
RT: 5.545 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF127025.D
Acq: 22 Feb 2022 23:10

Tgt Ion:112 Resp: 461034
Ion Ratio Lower Upper
112 100
64 69.0 49.5 74.3
63 37.5 23.9 35.9#





#7

Phenol-d6

Concen: 108.782 ng

RT: 6.551 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF127025.D

Acq: 22 Feb 2022 23:10

Instrument :

BNA_F

ClientSampleId :

CC-A2

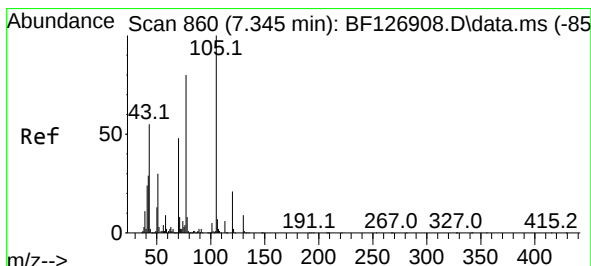
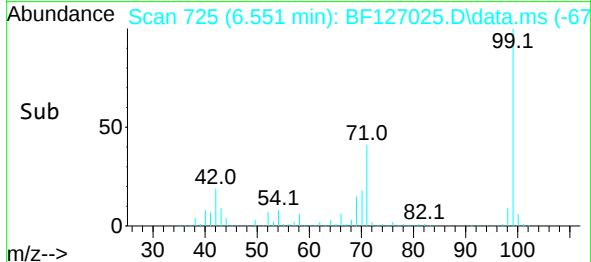
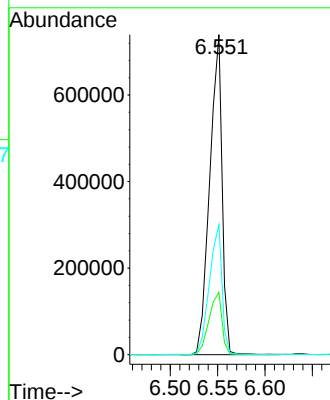
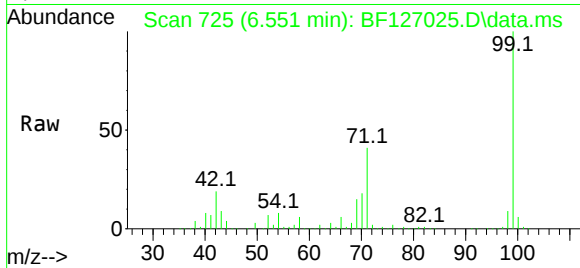
Tgt Ion: 99 Resp: 673014

Ion Ratio Lower Upper

99 100

42 19.5 14.2 21.4

71 40.6 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 16.978 ng

RT: 7.487 min Scan# 884

Delta R.T. 0.153 min

Lab File: BF127025.D

Acq: 22 Feb 2022 23:10

Tgt Ion: 70 Resp: 67686

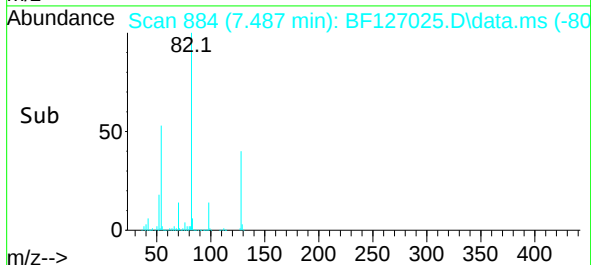
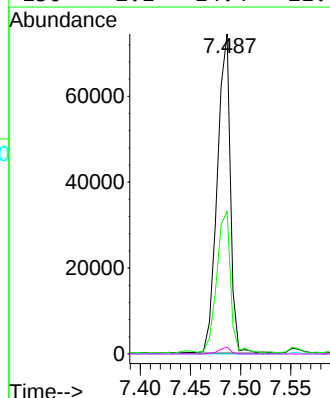
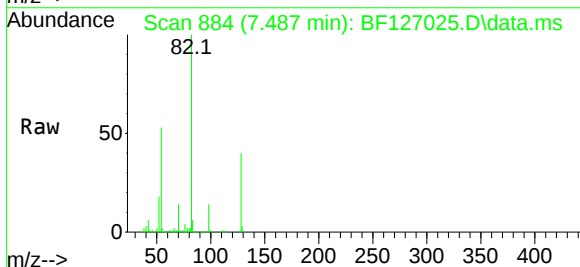
Ion Ratio Lower Upper

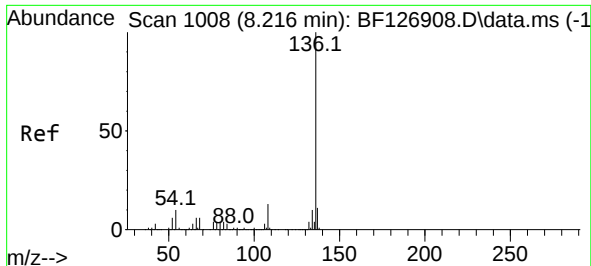
70 100

42 44.6 45.8 68.8#

101 0.0 6.9 10.3#

130 2.1 14.4 21.6#

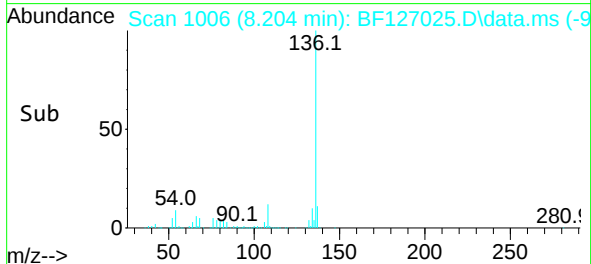
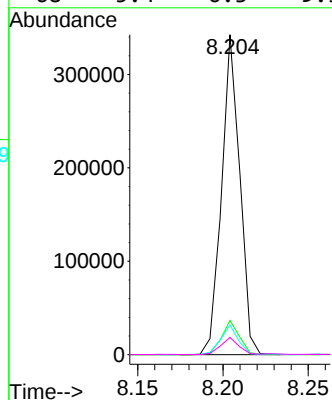
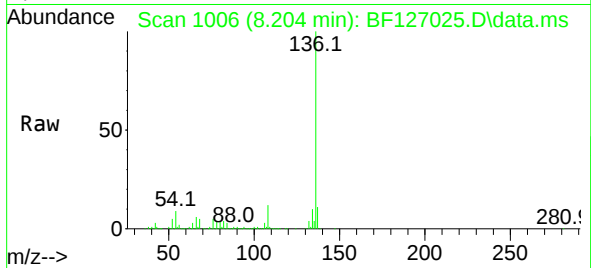




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF127025.D
Acq: 22 Feb 2022 23:10

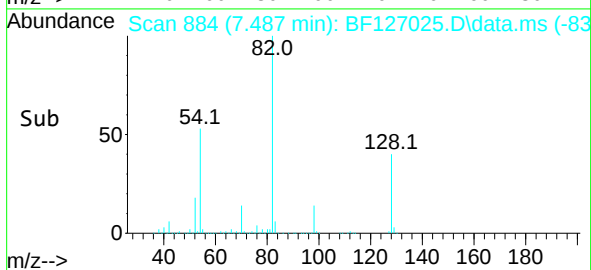
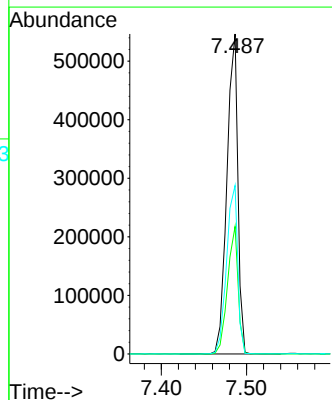
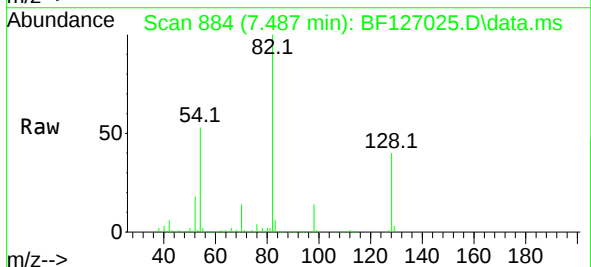
Instrument :
BNA_F
ClientSampleId :
CC-A2

Tgt Ion:136 Resp: 253911
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.2 7.8 11.6
68 5.4 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 86.493 ng
RT: 7.487 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF127025.D
Acq: 22 Feb 2022 23:10

Tgt Ion: 82 Resp: 486551
Ion Ratio Lower Upper
82 100
128 39.8 32.7 49.1
54 52.7 41.7 62.5

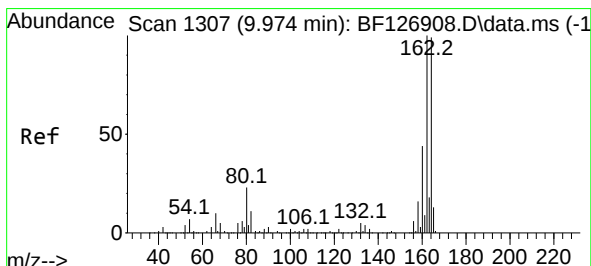
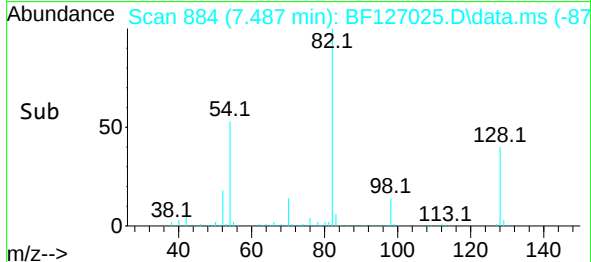
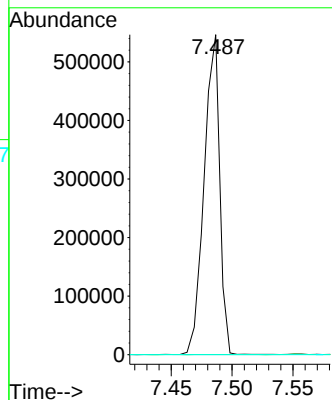
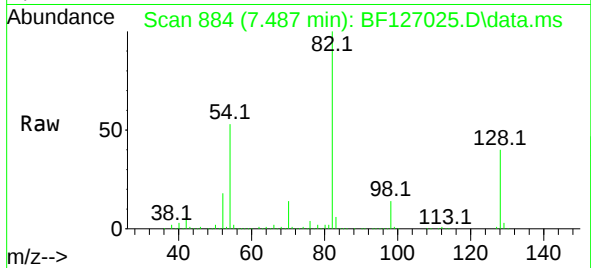




#25
Isophorone
Concen: 52.051 ng
RT: 7.487 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127025.D
Acq: 22 Feb 2022 23:10

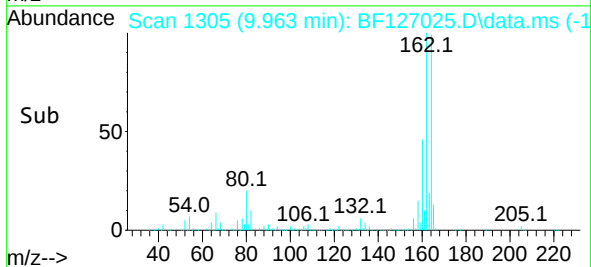
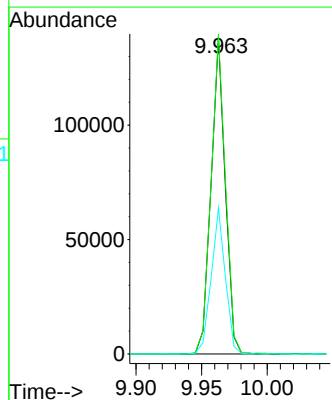
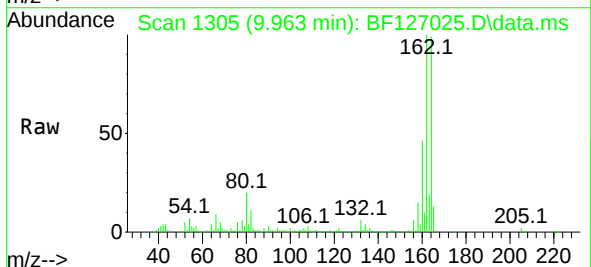
Instrument :
BNA_F
ClientSampleId :
CC-A2

Tgt Ion: 82 Resp: 484516
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: BF127025.D
Acq: 22 Feb 2022 23:10

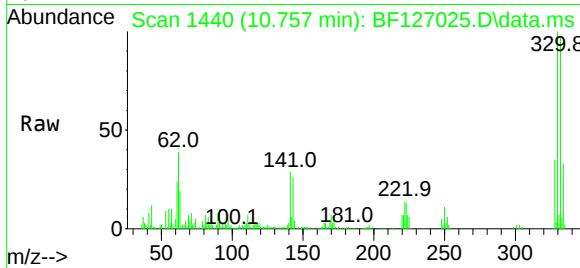
Tgt Ion:164 Resp: 104249
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 46.0 36.6 54.8



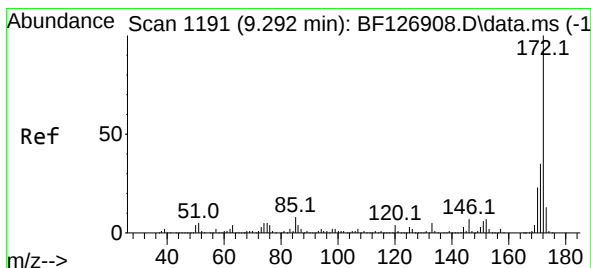
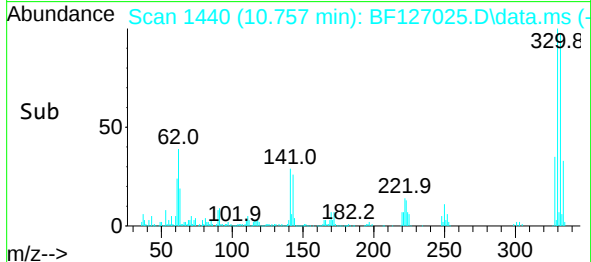
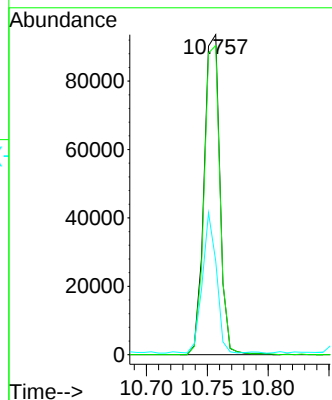


#42
2,4,6-Tribromophenol
Concen: 70.521 ng
RT: 10.757 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF127025.D
Acq: 22 Feb 2022 23:10

Instrument :
BNA_F
ClientSampleId :
CC-A2

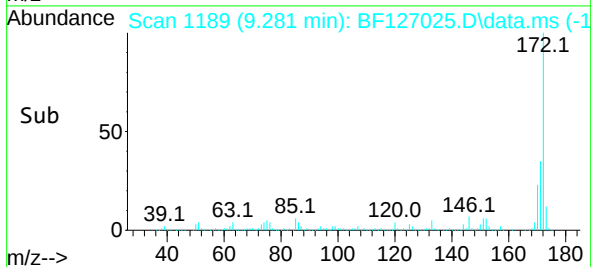
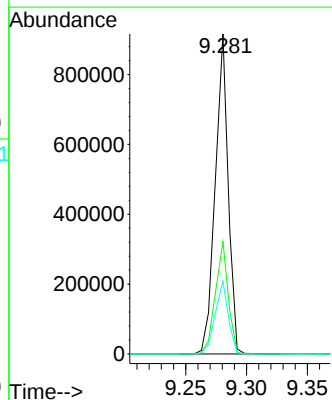
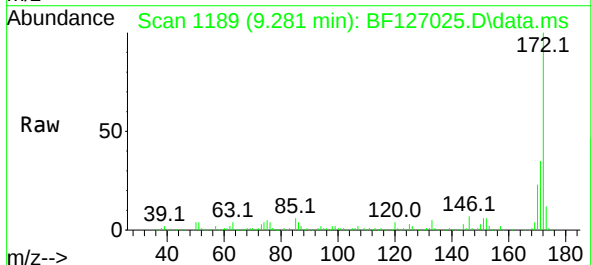


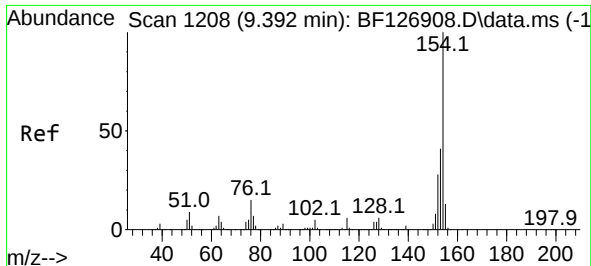
Tgt Ion: 330 Resp: 84645
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 39.1 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 96.054 ng
RT: 9.281 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF127025.D
Acq: 22 Feb 2022 23:10

Tgt Ion: 172 Resp: 680196
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.9 19.0 28.6

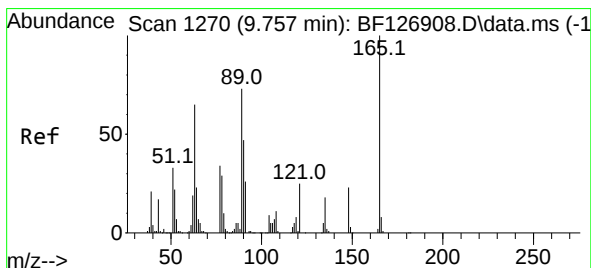
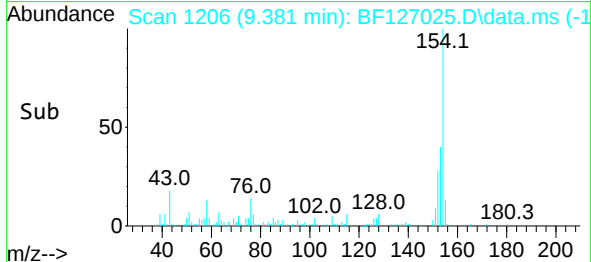
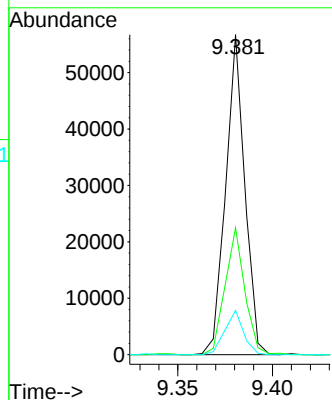
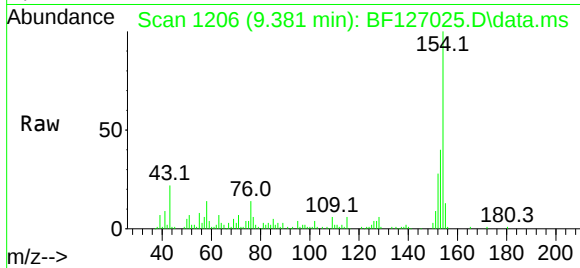




#46
1,1'-Biphenyl
Concen: 4.824 ng
RT: 9.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127025.D
Acq: 22 Feb 2022 23:10

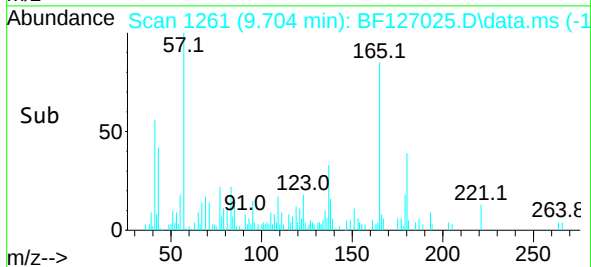
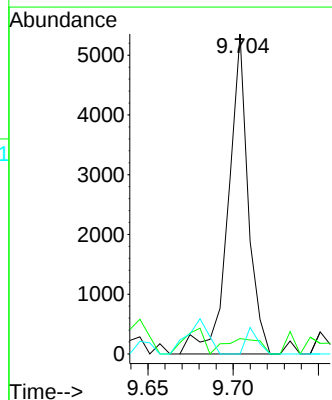
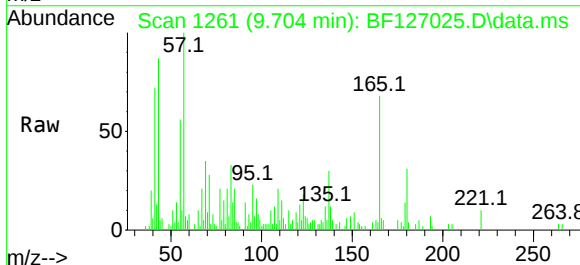
Instrument :
BNA_F
ClientSampleId :
CC-A2

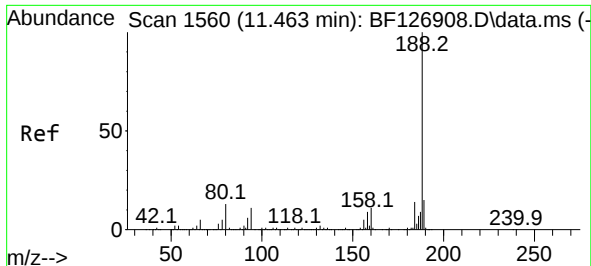
Tgt Ion:154 Resp: 39843
Ion Ratio Lower Upper
154 100
153 39.7 19.0 59.0
76 13.9 0.0 34.5



#51
2,6-Dinitrotoluene
Concen: 2.861 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.041 min
Lab File: BF127025.D
Acq: 22 Feb 2022 23:10

Tgt Ion:165 Resp: 4337
Ion Ratio Lower Upper
165 100
63 4.8 48.4 72.6#
89 0.0 50.5 75.7#

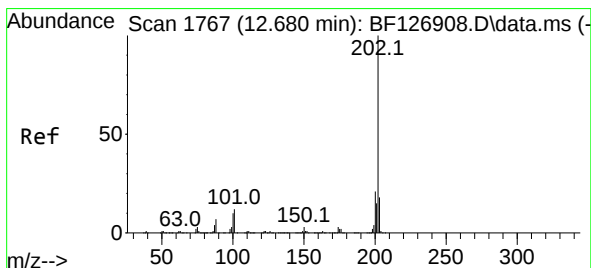
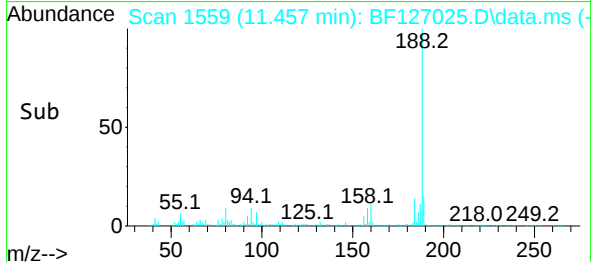
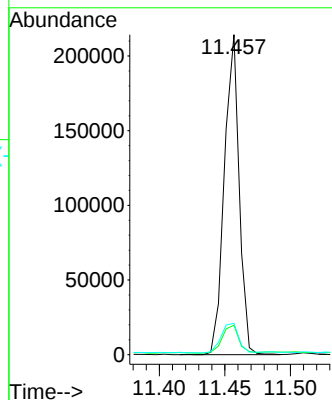
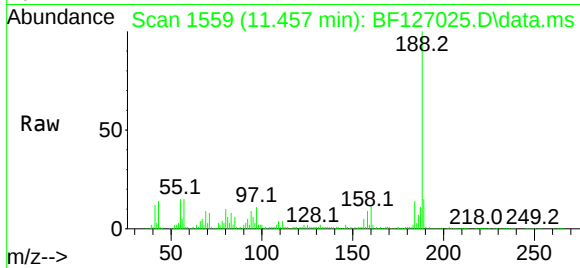




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF127025.D
Acq: 22 Feb 2022 23:10

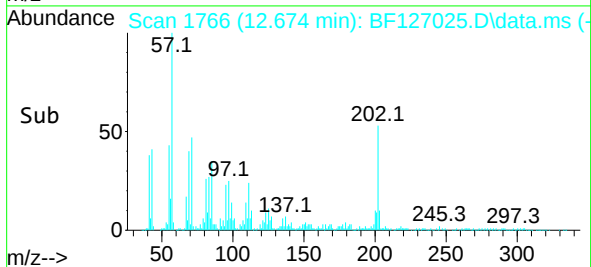
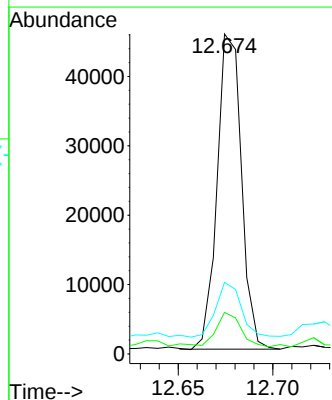
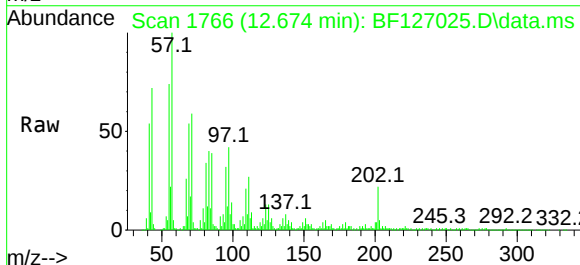
Instrument :
BNA_F
ClientSampleId :
CC-A2

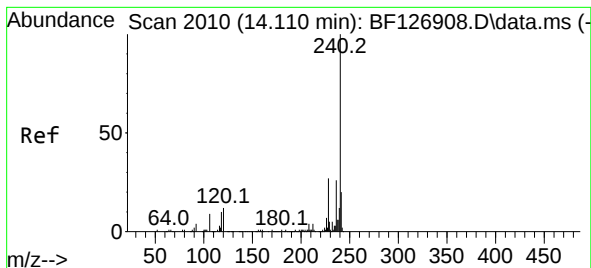
Tgt Ion:188 Resp: 167883
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 9.8 11.8 17.6#



#75
Fluoranthene
Concen: 4.542 ng
RT: 12.674 min Scan# 1766
Delta R.T. 0.006 min
Lab File: BF127025.D
Acq: 22 Feb 2022 23:10

Tgt Ion:202 Resp: 40529
Ion Ratio Lower Upper
202 100
101 13.0 0.0 35.7
203 22.3 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2010

Delta R.T. 0.029 min

Lab File: BF127025.D

Acq: 22 Feb 2022 23:10

Instrument :

BNA_F

ClientSampleId :

CC-A2

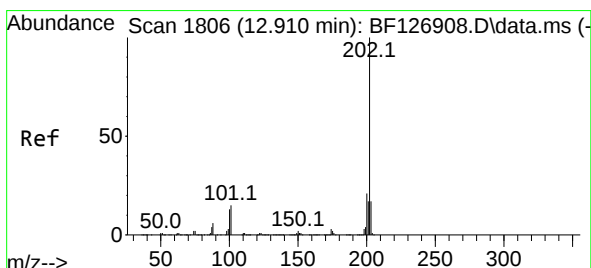
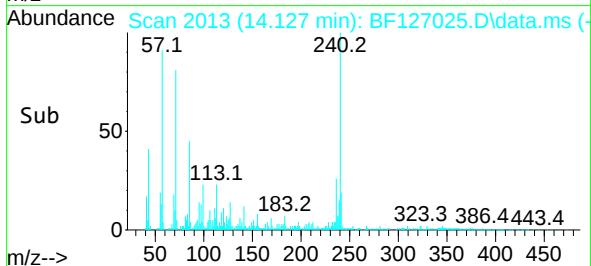
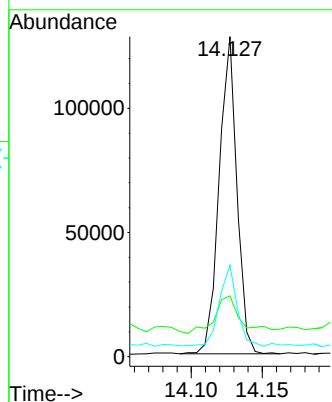
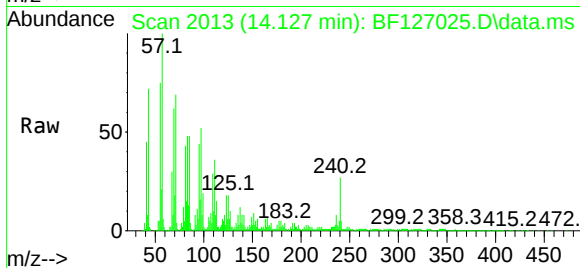
Tgt Ion:240 Resp: 110754

Ion Ratio Lower Upper

240 100

120 19.0 14.4 21.6

236 28.6 20.5 30.7



#78

Pyrene

Concen: 3.273 ng

RT: 12.910 min Scan# 1806

Delta R.T. 0.012 min

Lab File: BF127025.D

Acq: 22 Feb 2022 23:10

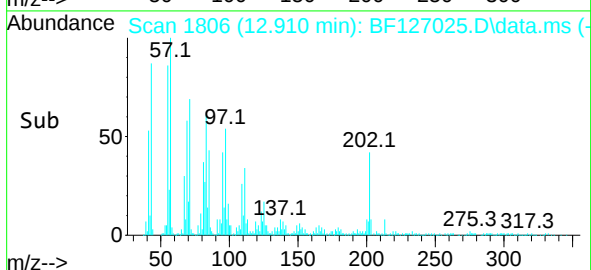
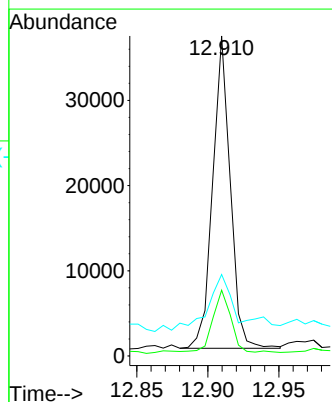
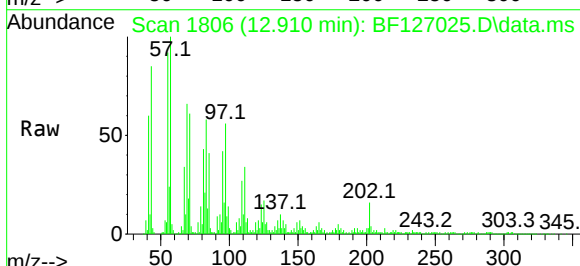
Tgt Ion:202 Resp: 31495

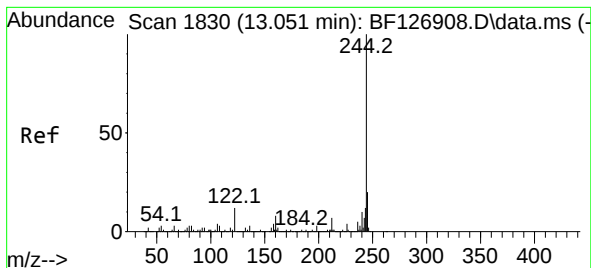
Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

203 25.4 13.8 20.8#





#79

Terphenyl-d14

Concen: 87.182 ng

RT: 13.051 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF127025.D

Acq: 22 Feb 2022 23:10

Instrument :

BNA_F

ClientSampleId :

CC-A2

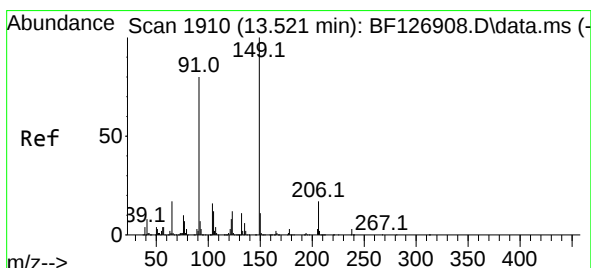
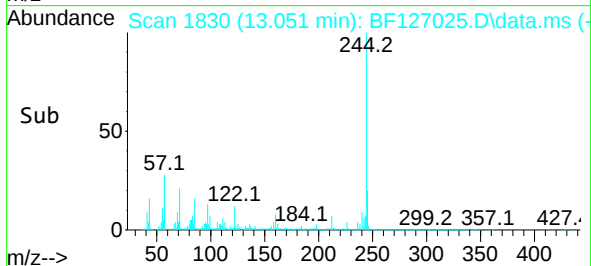
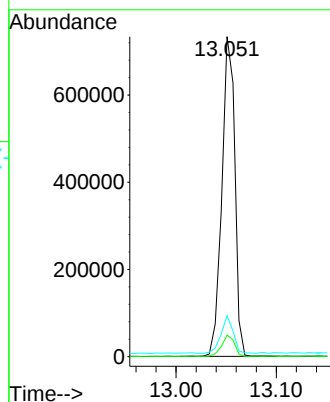
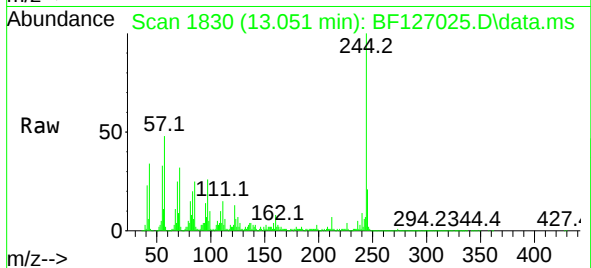
Tgt Ion:244 Resp: 656838

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

122 12.8 13.3 19.9#



#80

Butylbenzylphthalate

Concen: 2.554 ng

RT: 13.698 min Scan# 1940

Delta R.T. 0.188 min

Lab File: BF127025.D

Acq: 22 Feb 2022 23:10

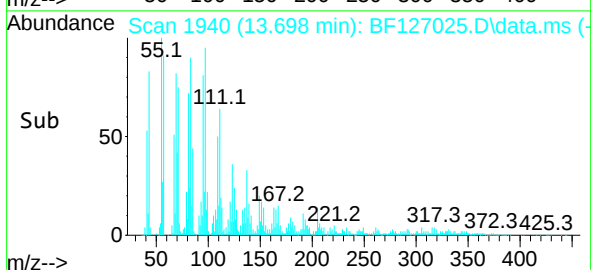
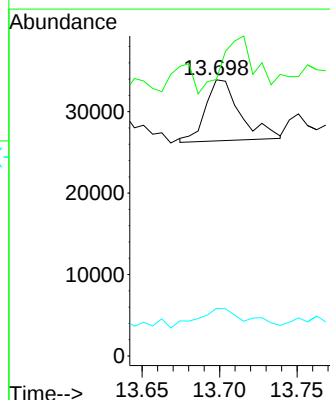
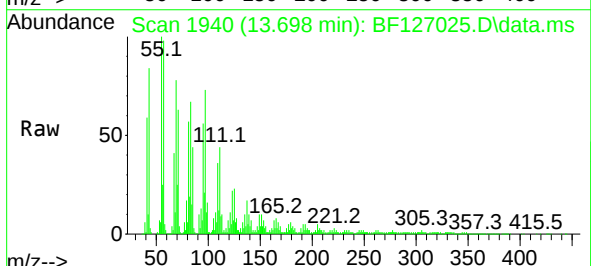
Tgt Ion:149 Resp: 11633

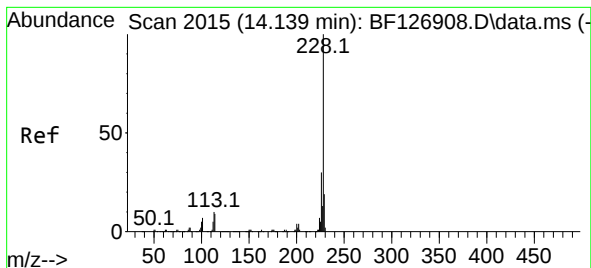
Ion Ratio Lower Upper

149 100

91 100.2 70.5 105.7

206 17.2 12.6 19.0





#83

Chrysene

Concen: 3.408 ng

RT: 14.151 min Scan# 20

Delta R.T. 0.029 min

Lab File: BF127025.D

Acq: 22 Feb 2022 23:10

Instrument :

BNA_F

ClientSampleId :

CC-A2

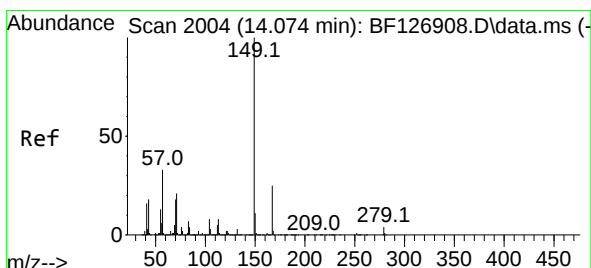
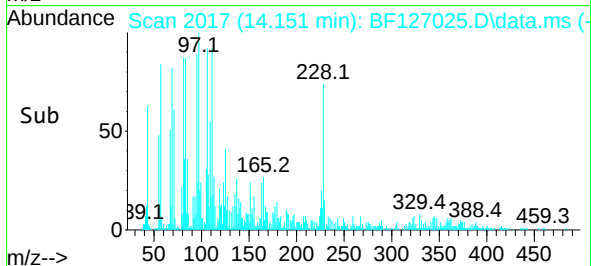
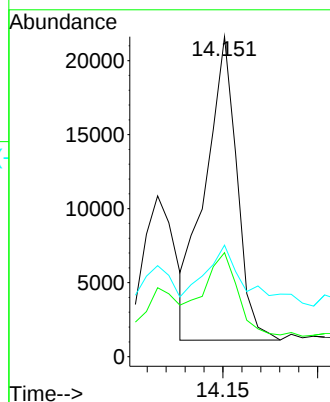
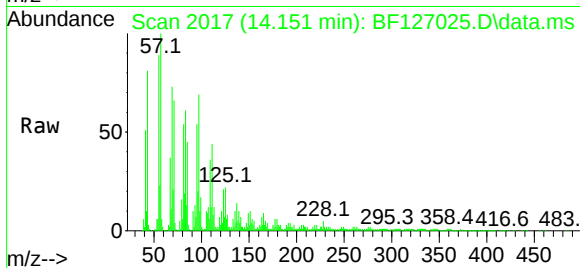
Tgt Ion:228 Resp: 23931

Ion Ratio Lower Upper

228 100

226 32.5 23.7 35.5

229 34.9 15.5 23.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.593 ng

RT: 14.092 min Scan# 2007

Delta R.T. 0.029 min

Lab File: BF127025.D

Acq: 22 Feb 2022 23:10

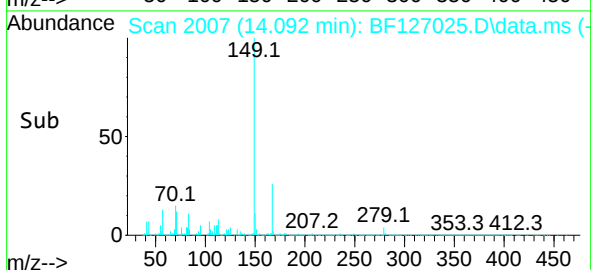
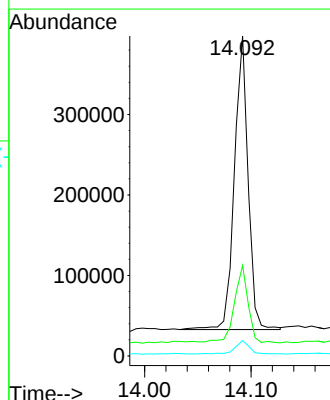
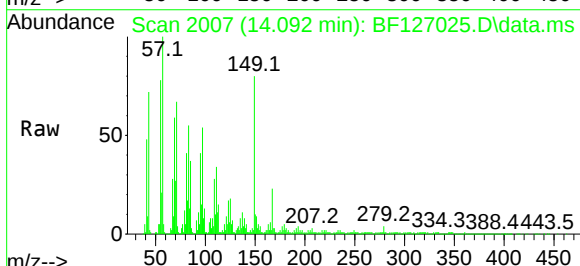
Tgt Ion:149 Resp: 326493

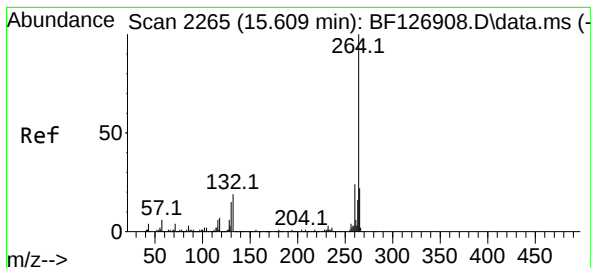
Ion Ratio Lower Upper

149 100

167 28.3 21.4 32.2

279 4.8 2.4 3.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.662 min Scan# 2197

Delta R.T. 0.071 min

Lab File: BF127025.D

Acq: 22 Feb 2022 23:10

Instrument :

BNA_F

ClientSampleId :

CC-A2

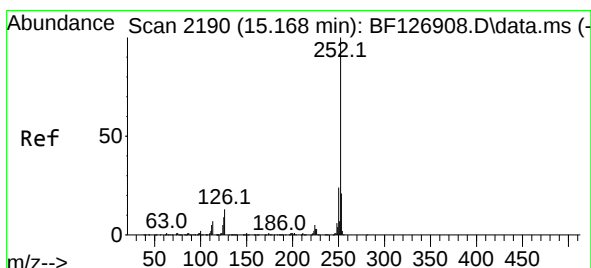
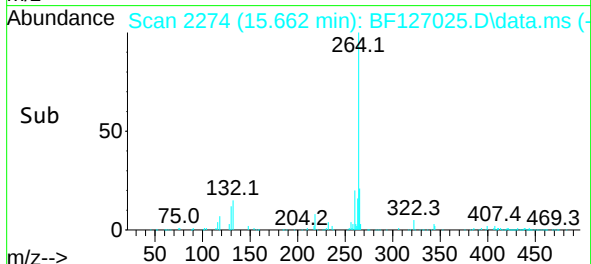
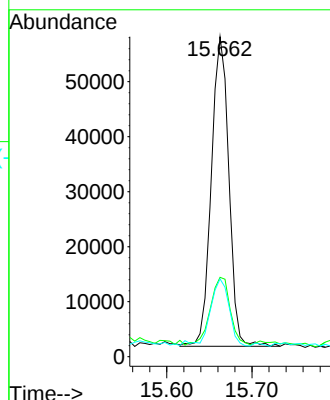
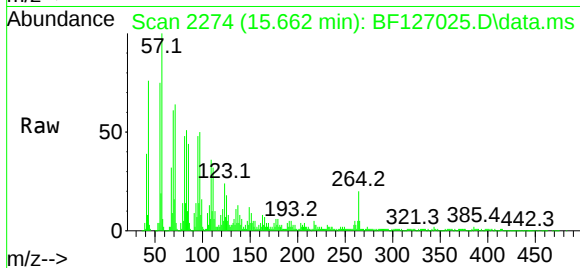
Tgt Ion:264 Resp: 80710

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 24.3 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 4.738 ng

RT: 15.210 min Scan# 2197

Delta R.T. 0.059 min

Lab File: BF127025.D

Acq: 22 Feb 2022 23:10

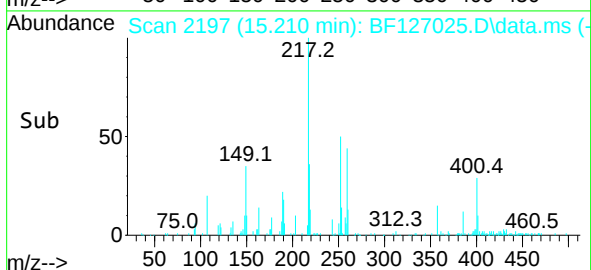
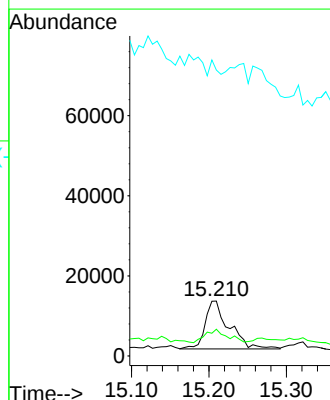
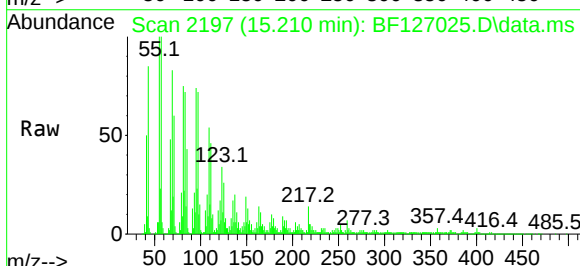
Tgt Ion:252 Resp: 25681

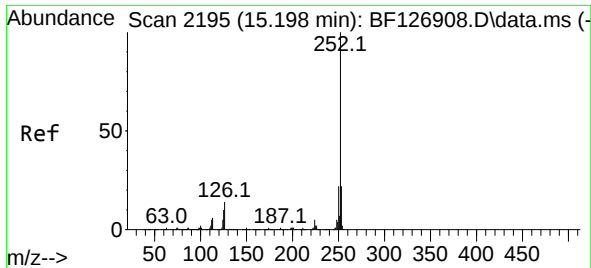
Ion Ratio Lower Upper

252 100

253 48.6 17.8 26.8#

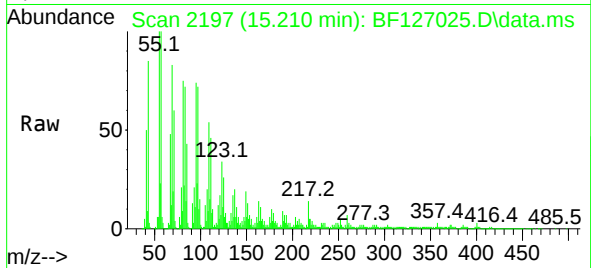
125 520.7 12.4 18.6#





#89
Benzo(k)fluoranthene
Concen: 4.912 ng
RT: 15.210 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF127025.D
Acq: 22 Feb 2022 23:10

Instrument :
BNA_F
ClientSampleId :
CC-A2



Tgt Ion:252 Resp: 25681
Ion Ratio Lower Upper
252 100
253 48.6 17.5 26.3#
125 520.7 11.8 17.6#

