

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127046.D
 Acq On : 23 Feb 2022 18:31
 Operator : CG\JU
 Sample : N1626-03RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-A2

Quant Time: Feb 24 02:17:02 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)

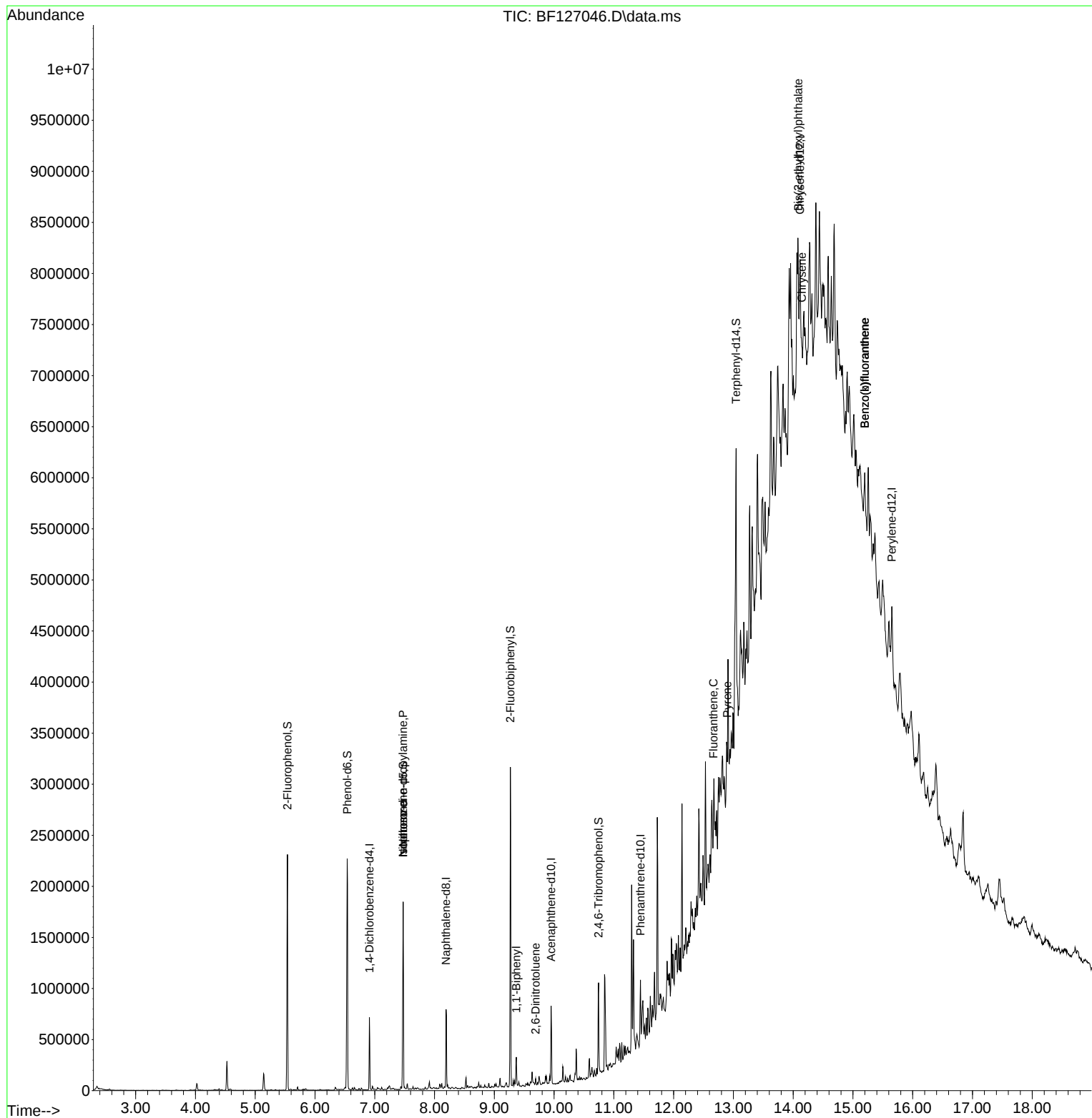
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	83481	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	314759	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	127646	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	172627	20.000	ng	# 0.00
76) Chrysene-d12	14.115	240	129858	20.000	ng	0.03
86) Perylene-d12	15.651	264	84285	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	532636	98.613	ng	0.01
7) Phenol-d6	6.539	99	797876	109.474	ng	0.00
23) Nitrobenzene-d5	7.475	82	579877	83.156	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	95547	65.013	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	868519	100.167	ng	0.00
79) Terphenyl-d14	13.045	244	676707	76.606	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	83632	17.808	ng	# 78
25) Isophorone	7.475	82	577933	50.085	ng	# 69
46) 1,1'-Biphenyl	9.369	154	50271	4.971	ng	97
51) 2,6-Dinitrotoluene	9.692	165	4665	2.513	ng	# 26
75) Fluoranthene	12.668	202	39068	4.258	ng	88
78) Pyrene	12.898	202	31729	2.812	ng	# 88
83) Chrysene	14.145	228	24824	3.015	ng	# 76
84) Bis(2-ethylhexyl)phtha...	14.086	149	351680	50.154	ng	# 93
88) Benzo(b)fluoranthene	15.198	252	25505	4.505	ng	# 1
89) Benzo(k)fluoranthene	15.198	252	25505	4.671	ng	# 1

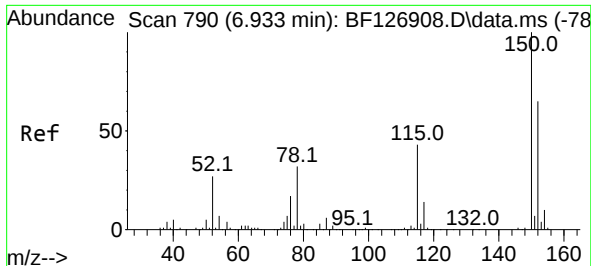
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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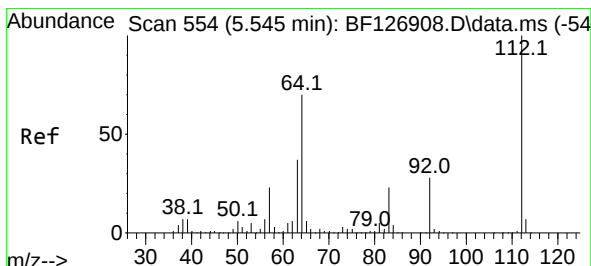
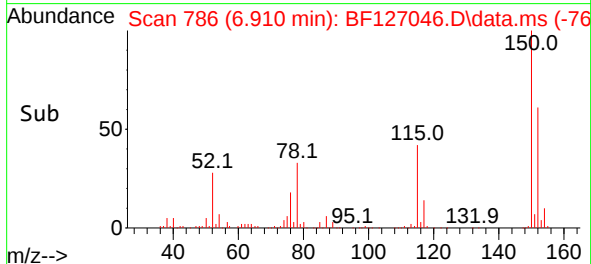
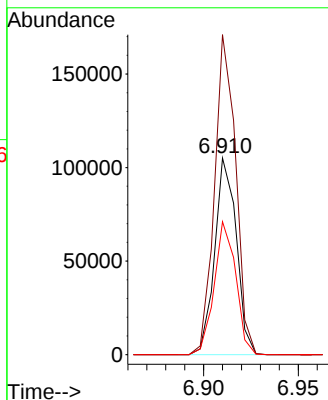
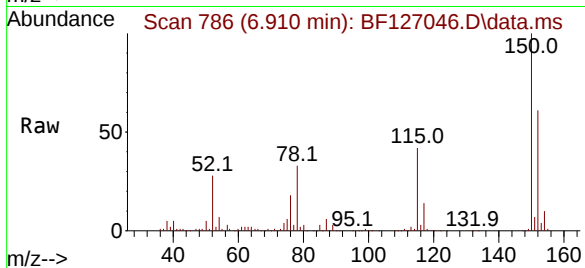




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

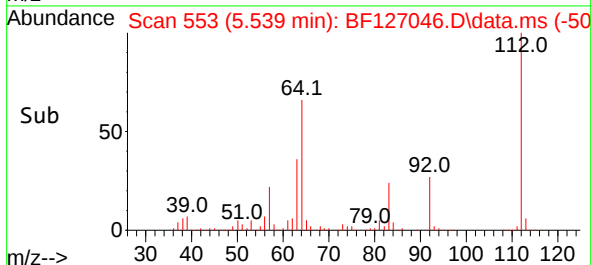
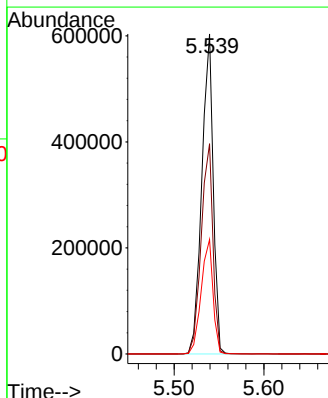
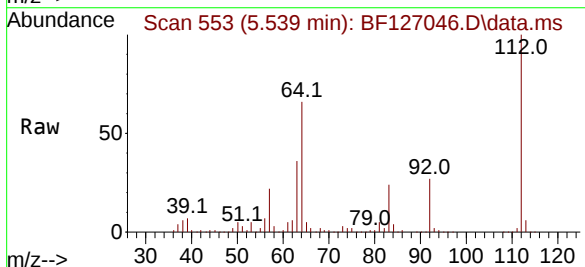
Instrument :
BNA_F
ClientSampleId :
CC-A2

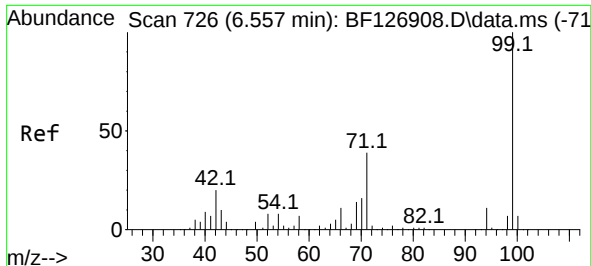
Tgt Ion:152 Resp: 83481
Ion Ratio Lower Upper
152 100
150 162.7 128.1 192.1
115 67.7 56.7 85.1



#5
2-Fluorophenol
Concen: 98.613 ng
RT: 5.539 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

Tgt Ion:112 Resp: 532636
Ion Ratio Lower Upper
112 100
64 65.7 49.5 74.3
63 35.7 23.9 35.9

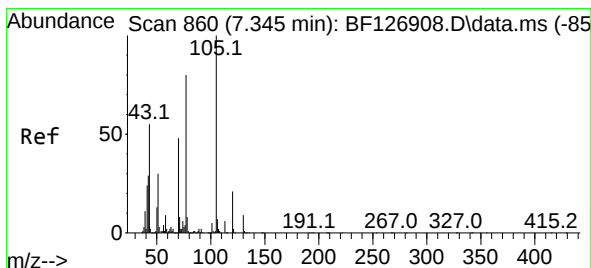
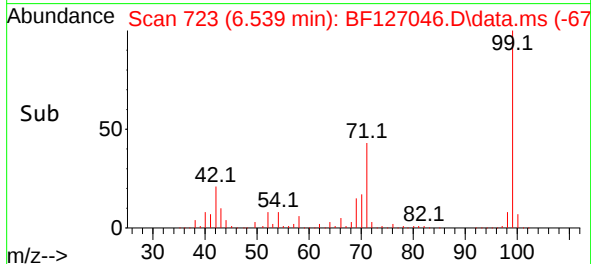
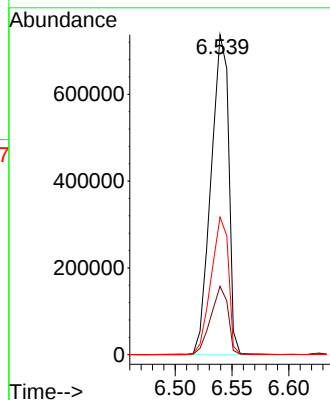
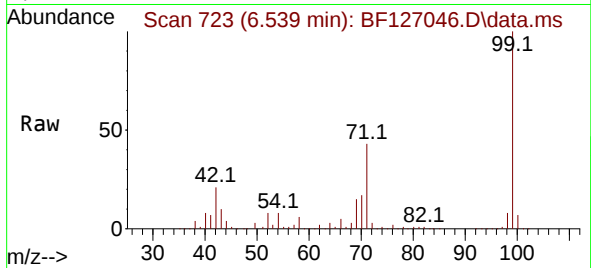




#7
Phenol-d6
Concen: 109.474 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

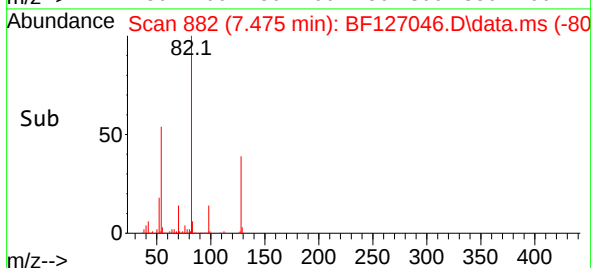
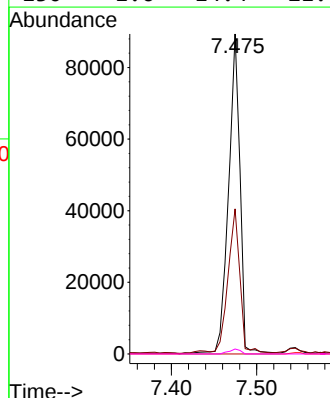
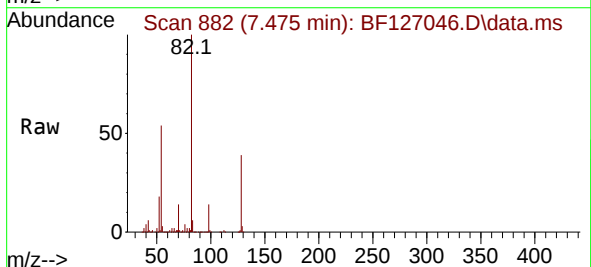
Instrument :
BNA_F
ClientSampleId :
CC-A2

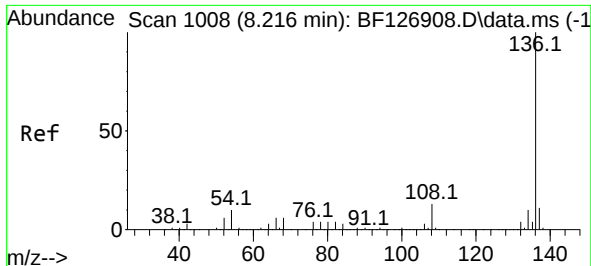
Tgt Ion: 99 Resp: 797876
Ion Ratio Lower Upper
99 100
42 21.3 14.2 21.4
71 43.0 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.808 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.153 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

Tgt Ion: 70 Resp: 83632
Ion Ratio Lower Upper
70 100
42 45.3 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

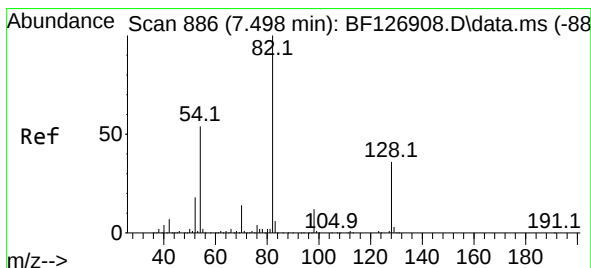
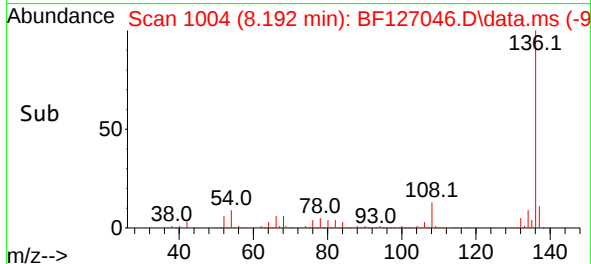
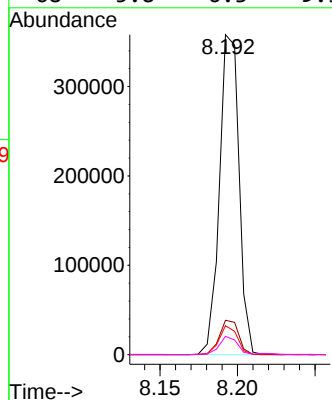
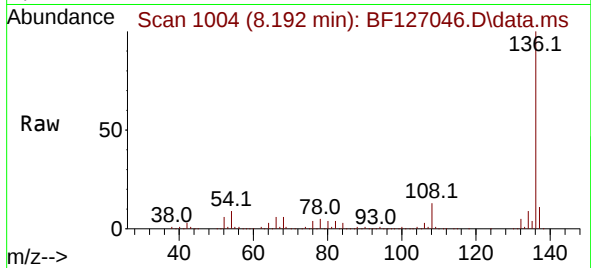




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

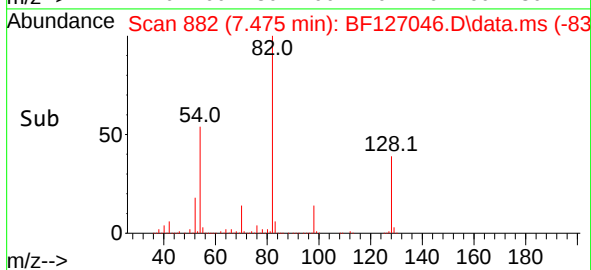
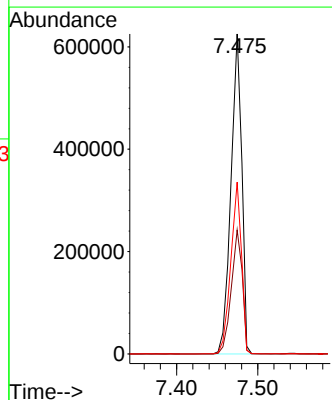
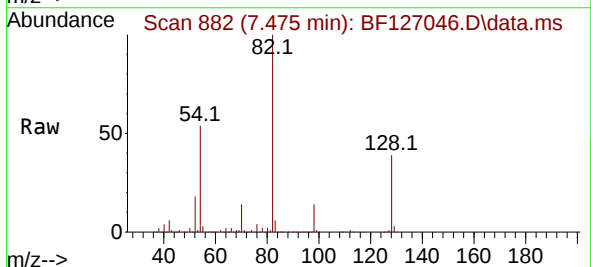
Instrument :
BNA_F
ClientSampleId :
CC-A2

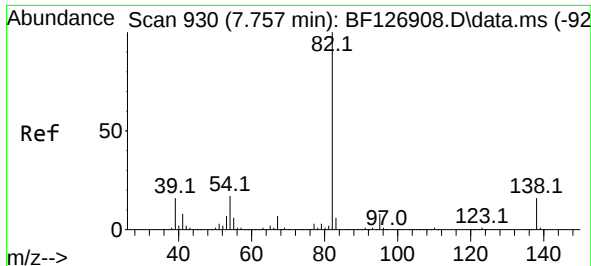
Tgt Ion:136 Resp: 314759
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.8 11.6
68 5.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 83.156 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

Tgt Ion: 82 Resp: 579877
Ion Ratio Lower Upper
82 100
128 38.8 32.7 49.1
54 53.7 41.7 62.5

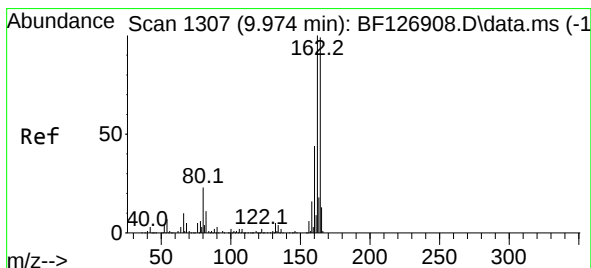
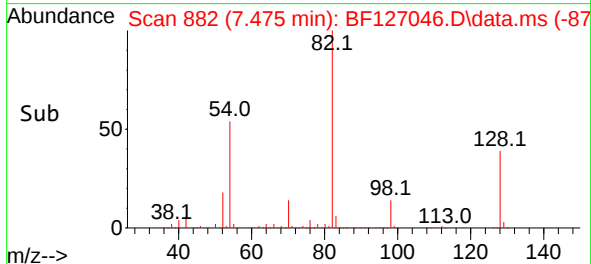
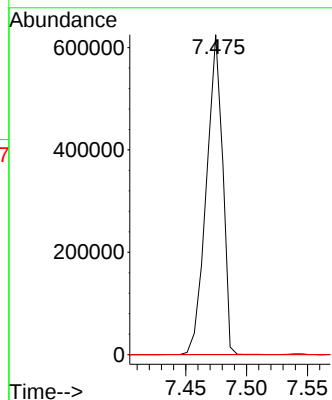
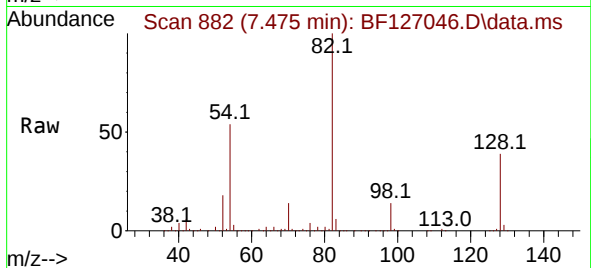




#25
Isophorone
Concen: 50.085 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

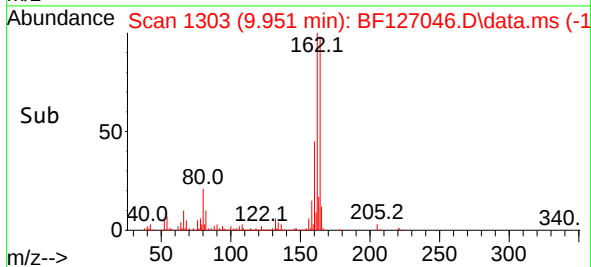
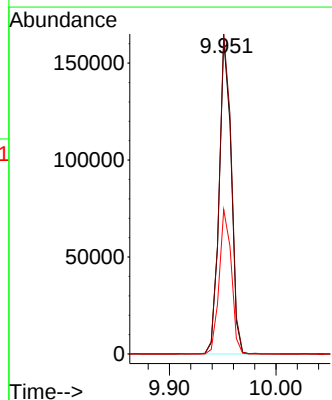
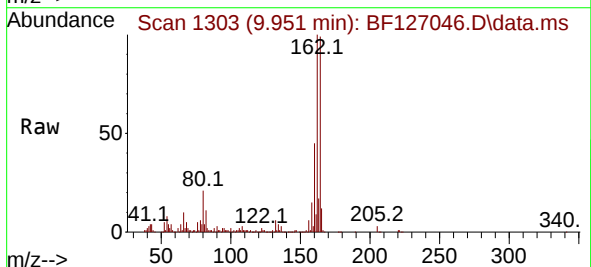
Instrument :
BNA_F
ClientSampleId :
CC-A2

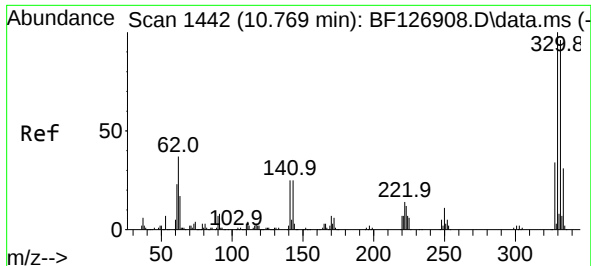
Tgt Ion: 82 Resp: 577933
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

Tgt Ion:164 Resp: 127646
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 65.013 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

Instrument :

BNA_F

ClientSampleId :

CC-A2

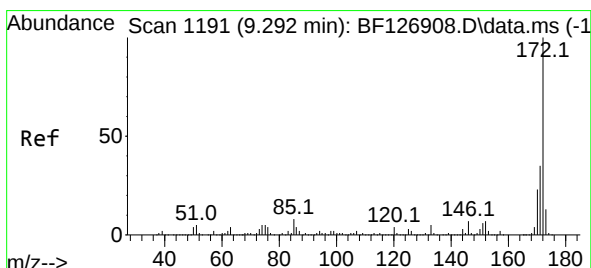
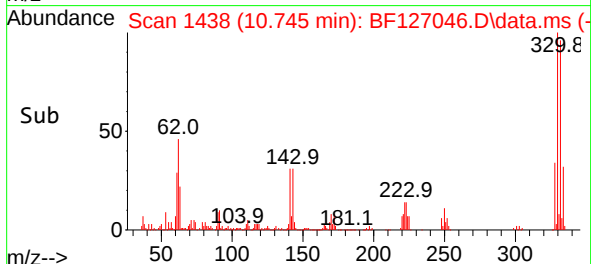
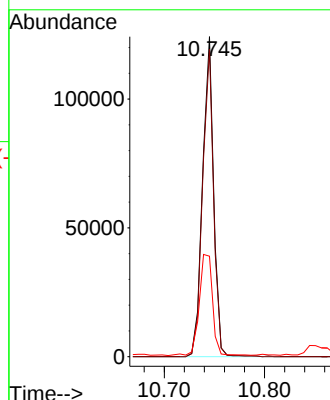
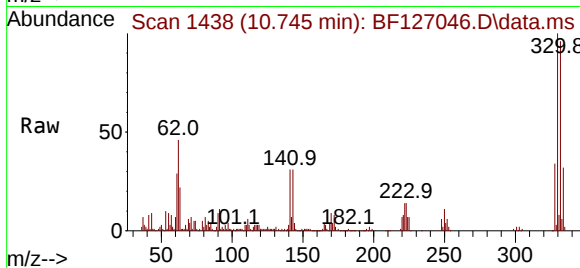
Tgt Ion:330 Resp: 95547

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 38.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 100.167 ng

RT: 9.269 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

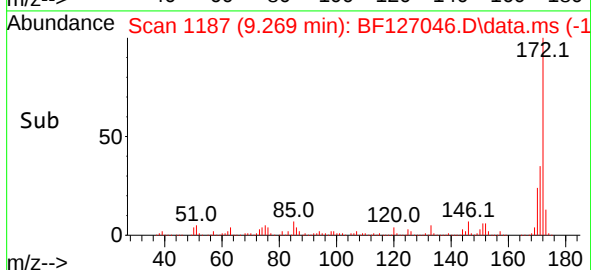
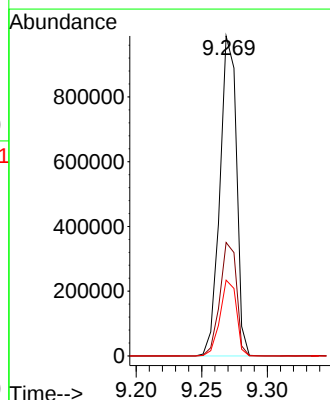
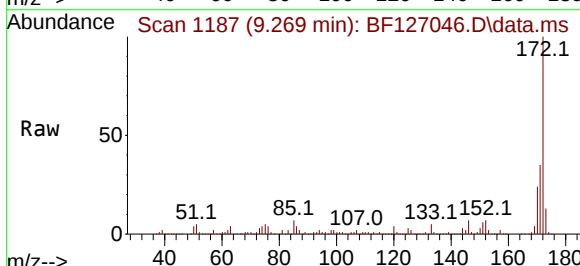
Tgt Ion:172 Resp: 868519

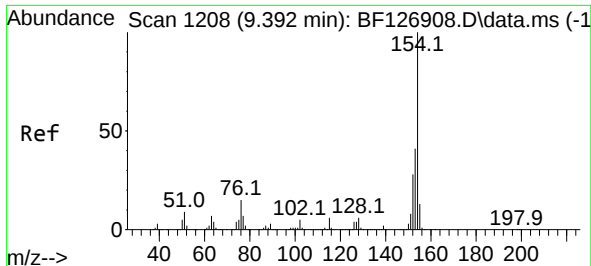
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 19.0 28.6





#46

1,1'-Biphenyl

Concen: 4.971 ng

RT: 9.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

Instrument :

BNA_F

ClientSampleId :

CC-A2

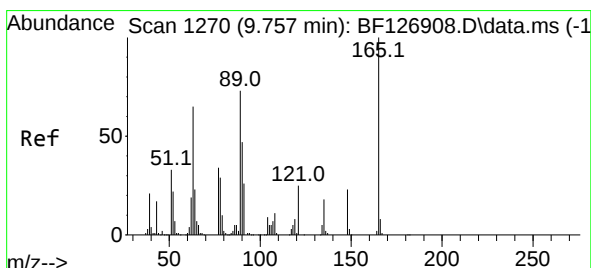
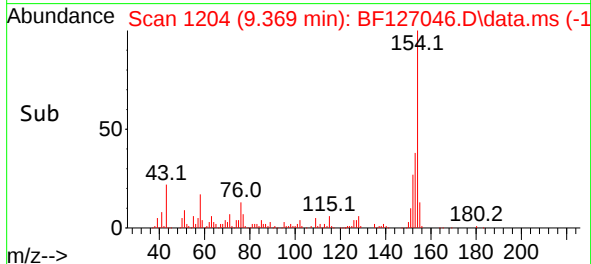
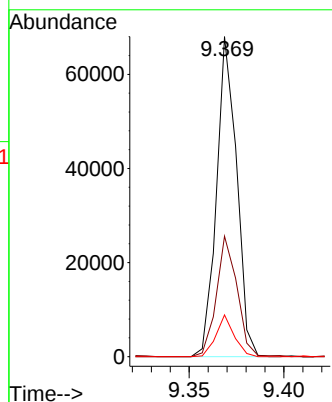
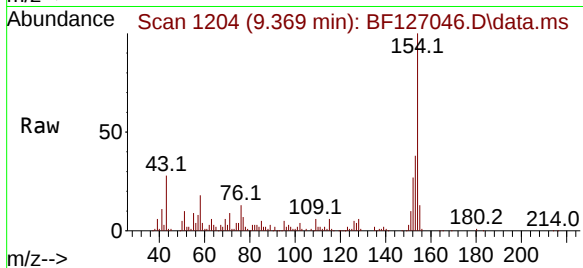
Tgt Ion:154 Resp: 50271

Ion Ratio Lower Upper

154 100

153 37.7 19.0 59.0

76 13.0 0.0 34.5



#51

2,6-Dinitrotoluene

Concen: 2.513 ng

RT: 9.692 min Scan# 1259

Delta R.T. -0.041 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

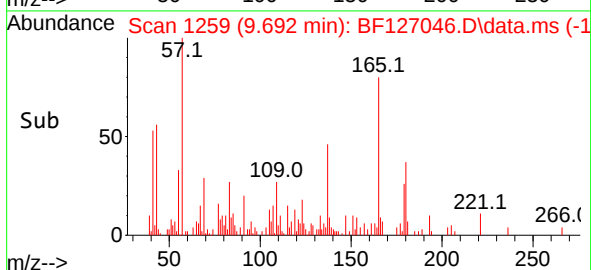
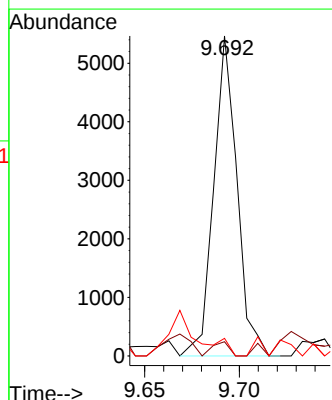
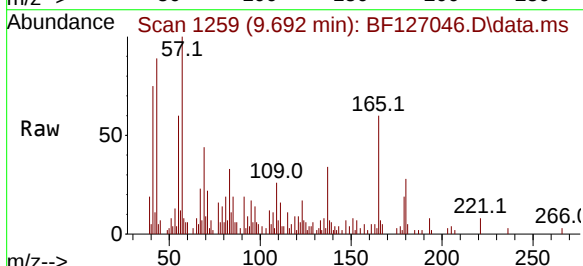
Tgt Ion:165 Resp: 4665

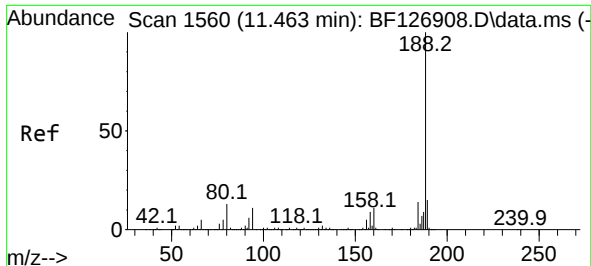
Ion Ratio Lower Upper

165 100

63 4.4 48.4 72.6#

89 5.5 50.5 75.7#

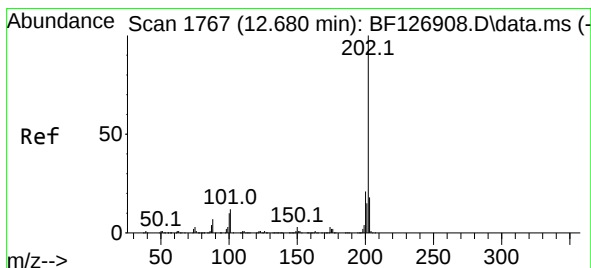
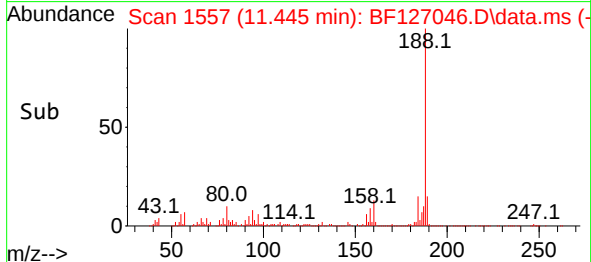
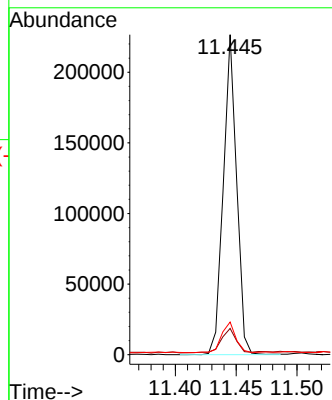
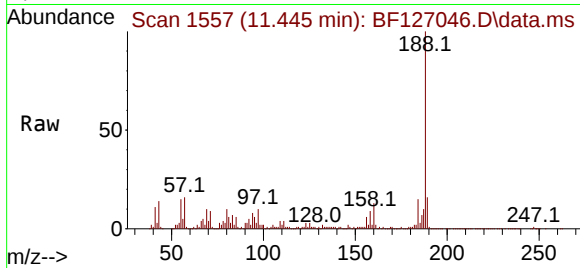




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

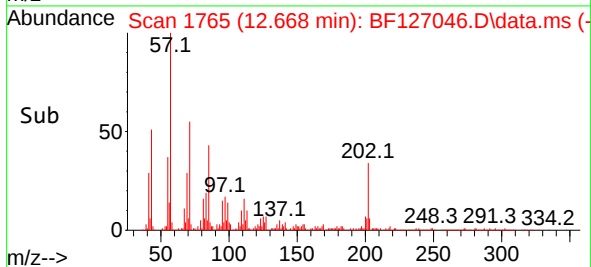
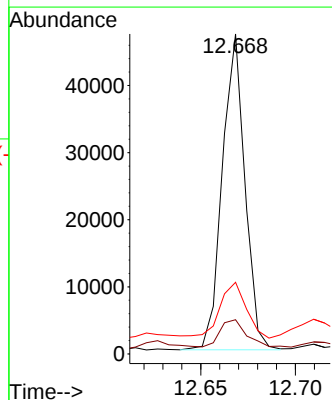
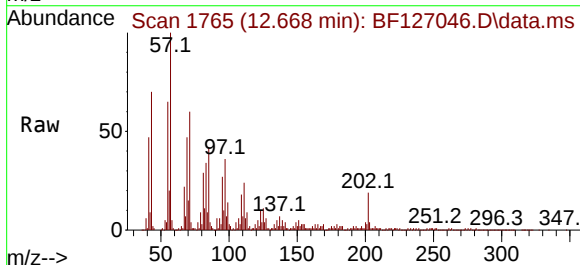
Instrument :
BNA_F
ClientSampleId :
CC-A2

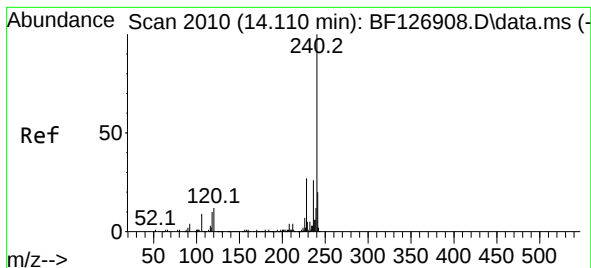
Tgt Ion:188 Resp: 172627
Ion Ratio Lower Upper
188 100
94 8.2 10.1 15.1#
80 10.2 11.8 17.6#



#75
Fluoranthene
Concen: 4.258 ng
RT: 12.668 min Scan# 1765
Delta R.T. 0.012 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

Tgt Ion:202 Resp: 39068
Ion Ratio Lower Upper
202 100
101 10.7 0.0 35.7
203 22.4 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 20

Delta R.T. 0.029 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

Instrument :

BNA_F

ClientSampleId :

CC-A2

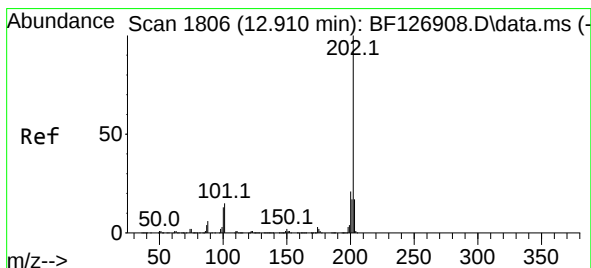
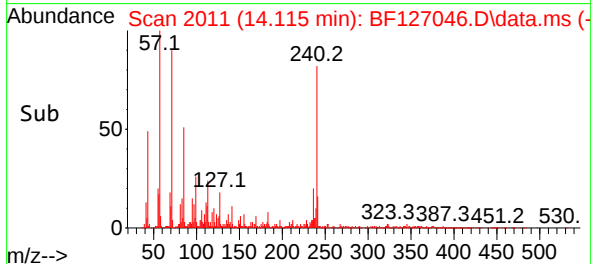
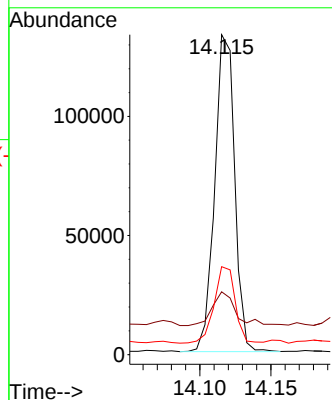
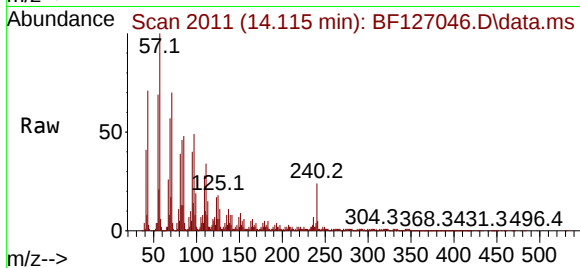
Tgt Ion:240 Resp: 129858

Ion Ratio Lower Upper

240 100

120 19.7 14.4 21.6

236 27.5 20.5 30.7



#78

Pyrene

Concen: 2.812 ng

RT: 12.898 min Scan# 1804

Delta R.T. 0.006 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

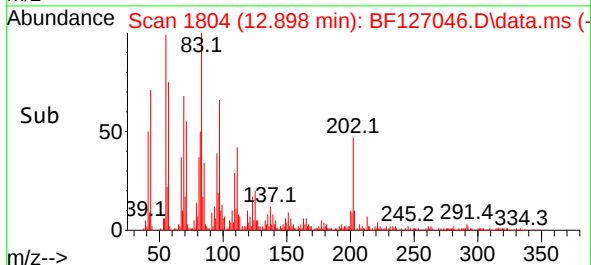
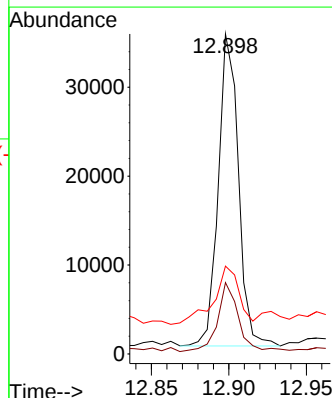
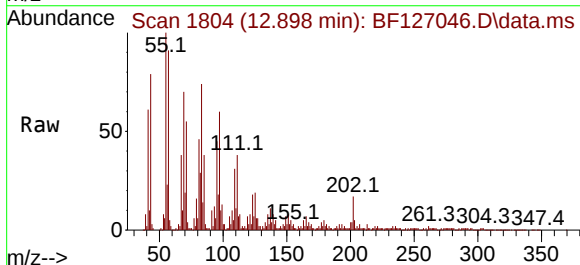
Tgt Ion:202 Resp: 31729

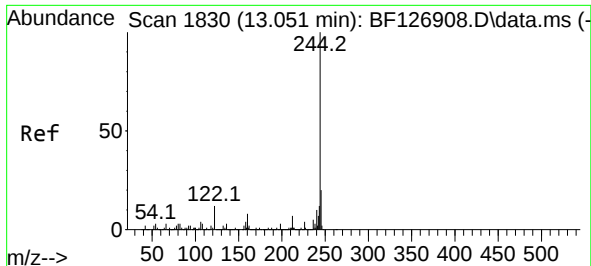
Ion Ratio Lower Upper

202 100

200 22.3 16.6 24.8

203 27.5 13.8 20.8#

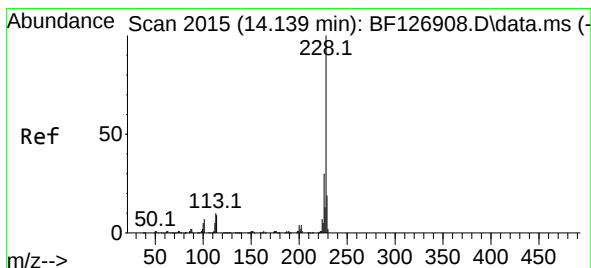
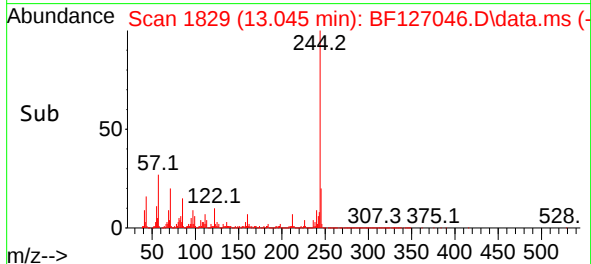
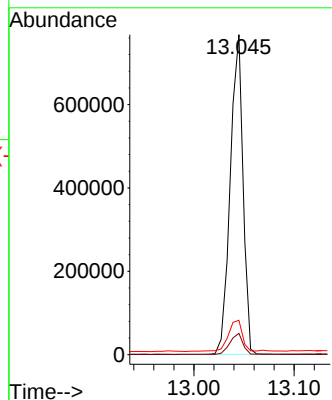
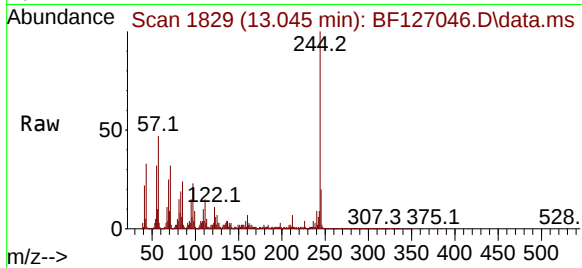




#79
 Terphenyl-d14
 Concen: 76.606 ng
 RT: 13.045 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF127046.D
 Acq: 23 Feb 2022 18:31

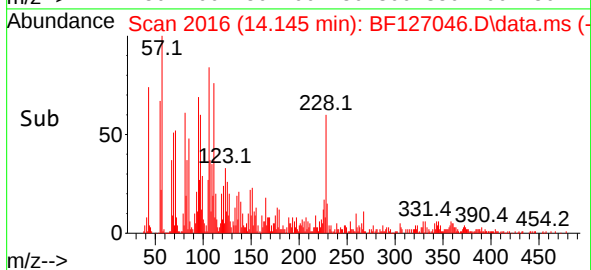
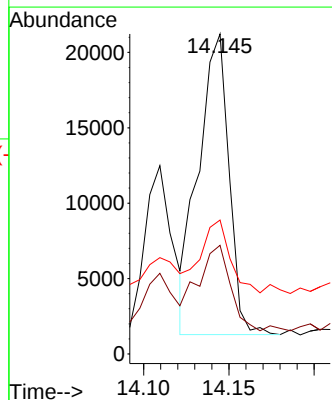
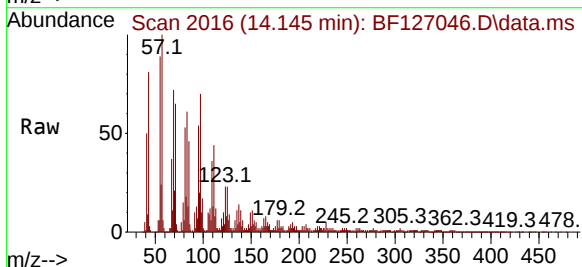
Instrument :
 BNA_F
 ClientSampleId :
 CC-A2

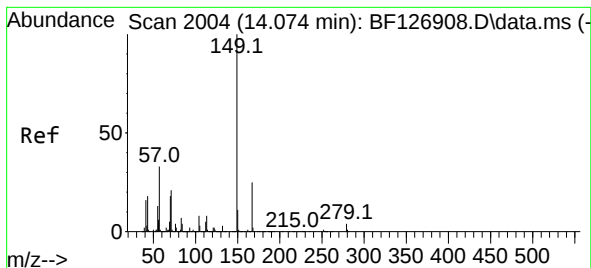
Tgt Ion:244 Resp: 676707
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.8 13.3 19.9#



#83
 Chrysene
 Concen: 3.015 ng
 RT: 14.145 min Scan# 2016
 Delta R.T. 0.029 min
 Lab File: BF127046.D
 Acq: 23 Feb 2022 18:31

Tgt Ion:228 Resp: 24824
 Ion Ratio Lower Upper
 228 100
 226 33.9 23.7 35.5
 229 41.9 15.5 23.3#





#84

Bis(2-ethylhexyl)phthalate

Concen: 50.154 ng

RT: 14.086 min Scan# 2006

Delta R.T. 0.035 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

Instrument :

BNA_F

ClientSampleId :

CC-A2

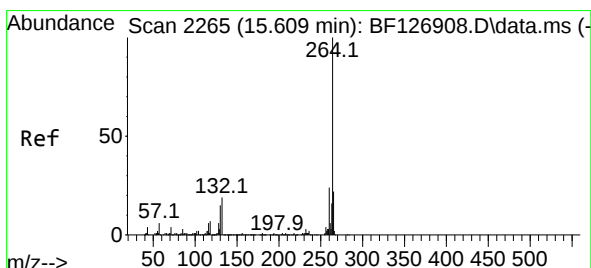
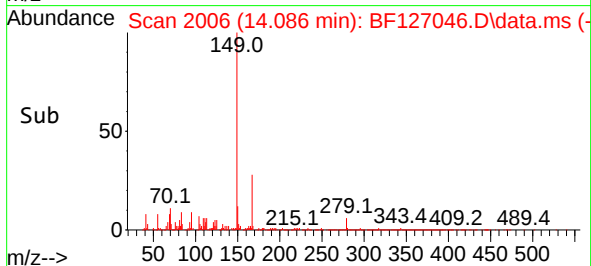
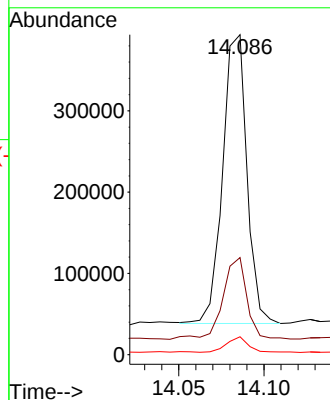
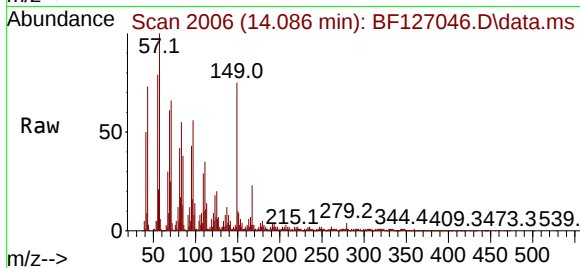
Tgt Ion:149 Resp: 351680

Ion Ratio Lower Upper

149 100

167 30.3 21.4 32.2

279 5.6 2.4 3.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2272

Delta R.T. 0.065 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

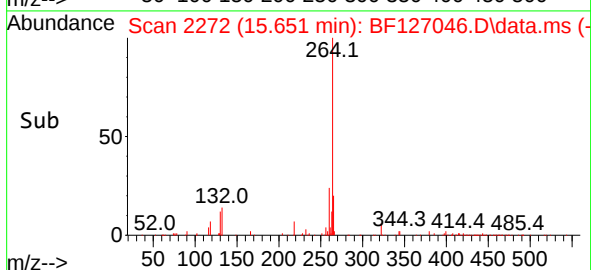
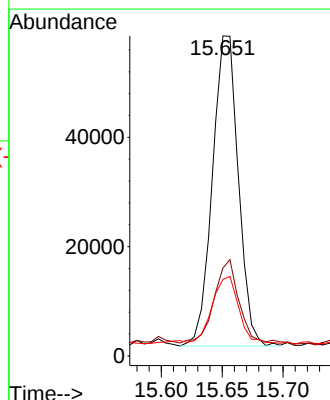
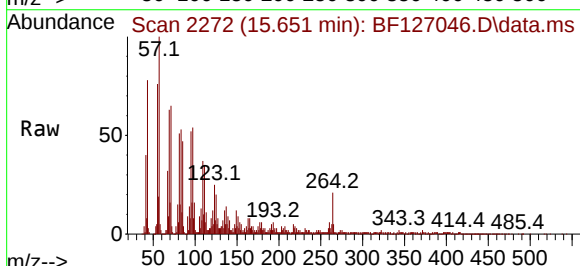
Tgt Ion:264 Resp: 84285

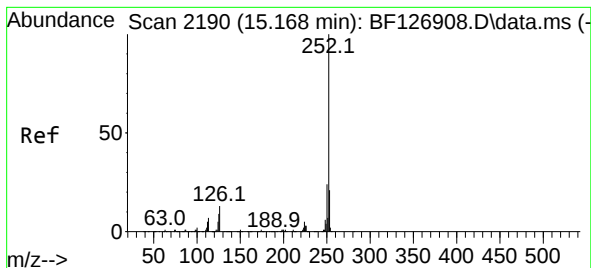
Ion Ratio Lower Upper

264 100

260 27.5 19.2 28.8

265 23.9 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 4.505 ng

RT: 15.198 min Scan# 2195

Delta R.T. 0.053 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

Instrument :

BNA_F

ClientSampleId :

CC-A2

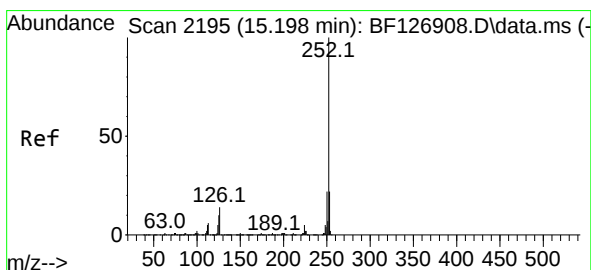
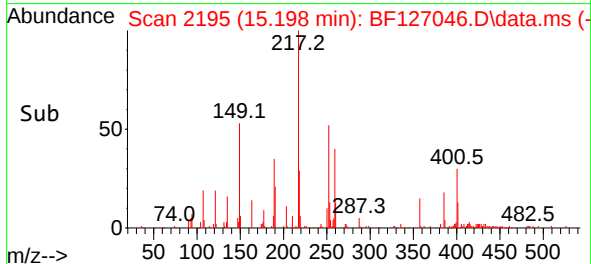
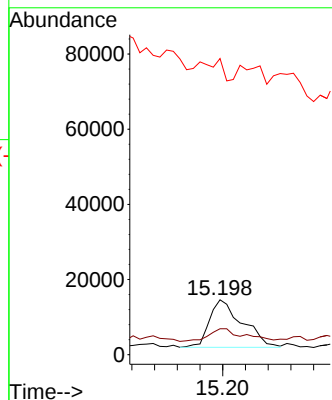
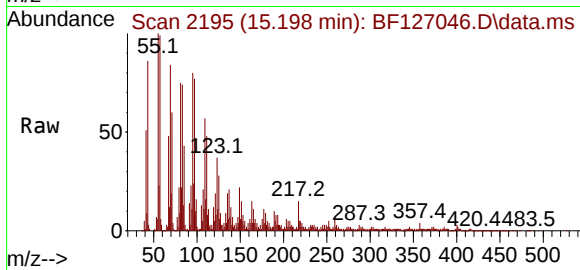
Tgt Ion:252 Resp: 25505

Ion Ratio Lower Upper

252 100

253 47.3 17.8 26.8#

125 539.3 12.4 18.6#



#89

Benzo(k)fluoranthene

Concen: 4.671 ng

RT: 15.198 min Scan# 2195

Delta R.T. 0.023 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

Tgt Ion:252 Resp: 25505

Ion Ratio Lower Upper

252 100

253 47.3 17.5 26.3#

125 539.3 11.8 17.6#

