

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127826.D
 Acq On : 18 Apr 2022 15:40
 Operator : CG\JU
 Sample : N2444-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Apr 19 05:15:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

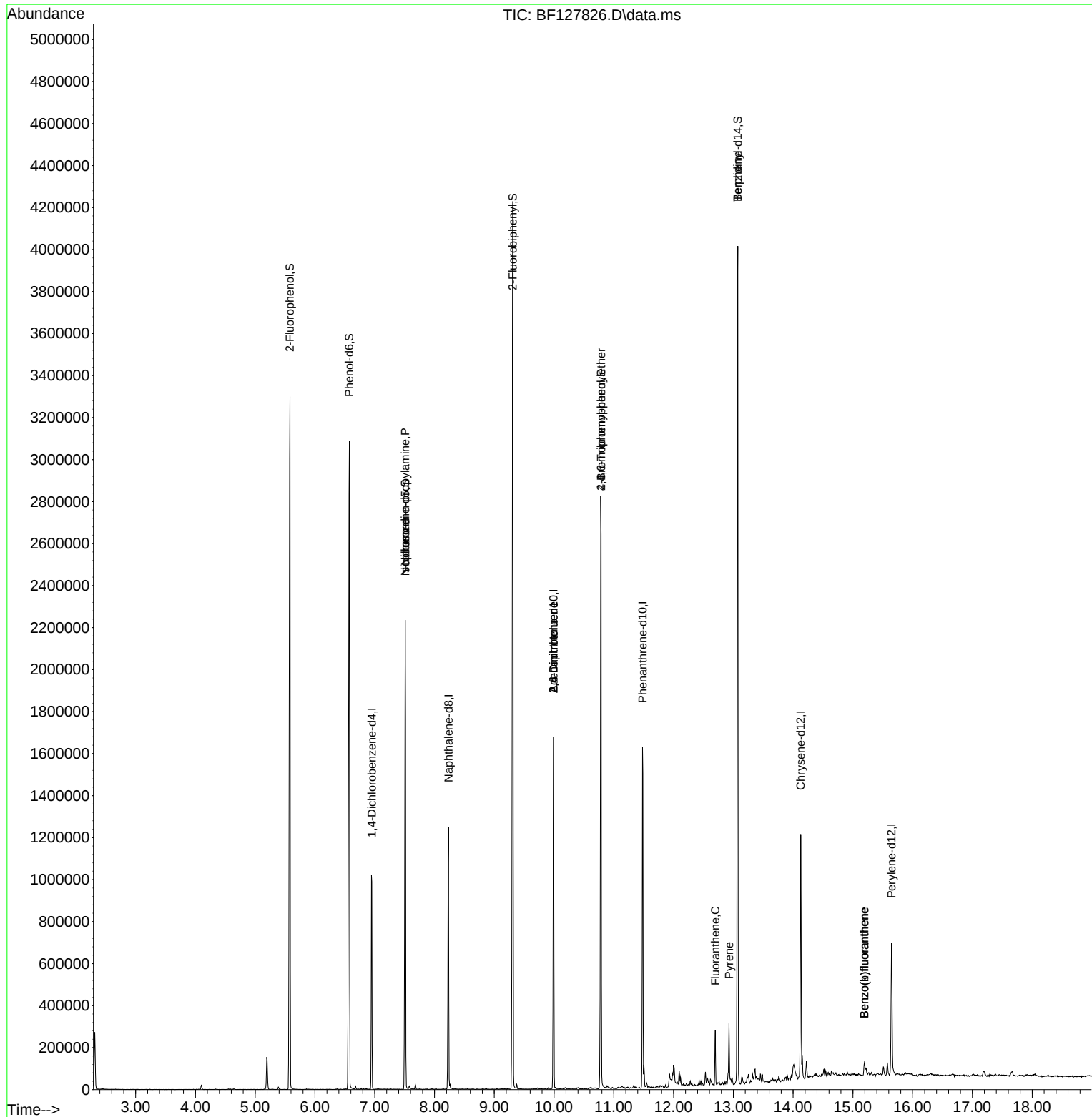
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	154410	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	561420	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	331514	20.000	ng	-0.01
64) Phenanthrene-d10	11.481	188	614497	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	382602	20.000	ng	-0.02
86) Perylene-d12	15.645	264	310256	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	898455	94.547	ng	0.00
7) Phenol-d6	6.575	99	1147031	92.268	ng	-0.01
23) Nitrobenzene-d5	7.510	82	821918	65.267	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	367908	104.288	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1387388	59.204	ng	-0.01
79) Terphenyl-d14	13.075	244	1491270	64.336	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	182	Below Cal	#	67
19) n-Nitroso-di-n-propyla...	7.510	70	112304	13.967	ng	# 74
25) Isophorone	7.510	82	815530	37.113	ng	# 70
51) 2,6-Dinitrotoluene	9.992	165	43598	9.625	ng	# 17
57) 2,4-Dinitrotoluene	9.992	165	43598	7.764	ng	# 13
67) 4-Bromophenyl-phenylether	10.786	248	23434	3.142	ng	# 1
75) Fluoranthene	12.698	202	92824	2.613	ng	96
77) Benzidine	13.075	184	21032	2.106	ng	# 92
78) Pyrene	12.928	202	111311	3.445	ng	98
88) Benzo(b)fluoranthene	15.192	252	47328	2.371	ng	97
89) Benzo(k)fluoranthene	15.192	252	47328	2.391	ng	95

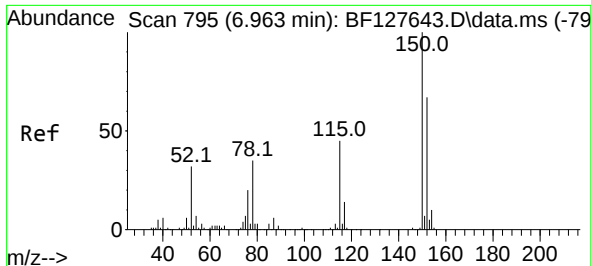
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127826.D
Acq On : 18 Apr 2022 15:40
Operator : CG\JU
Sample : N2444-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5

Quant Time: Apr 19 05:15:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 16:40:15 2022
Response via : Initial Calibration

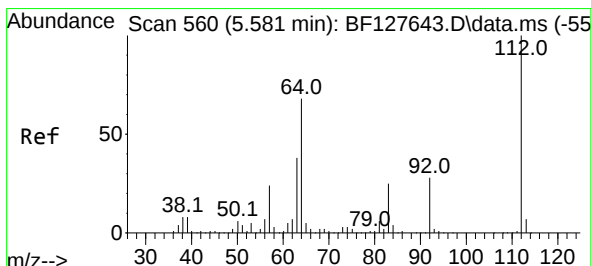
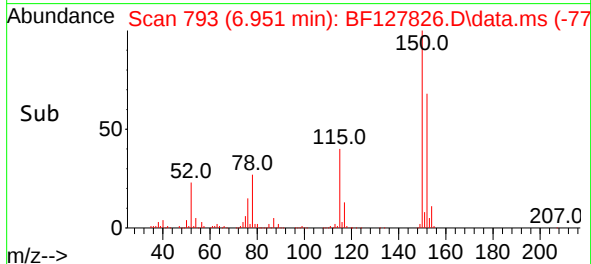
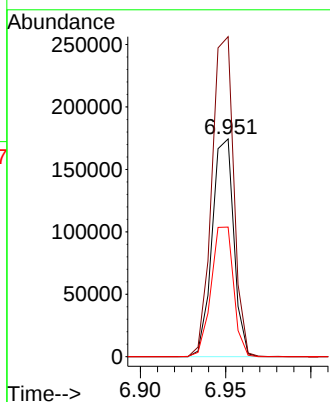
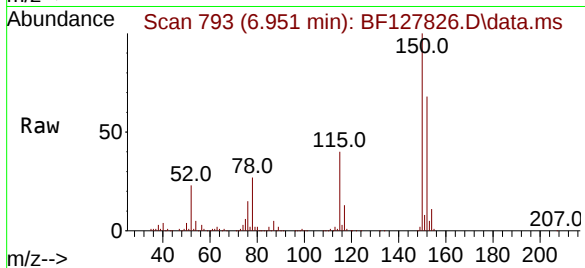




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

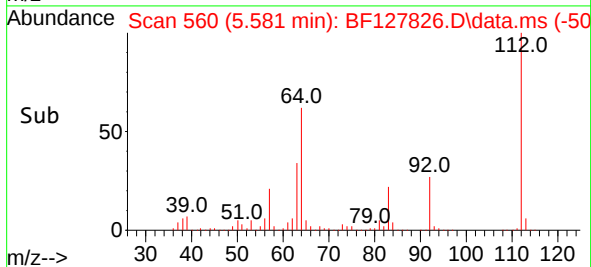
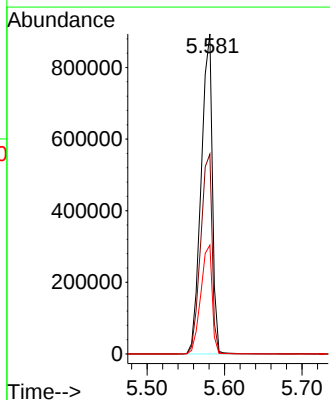
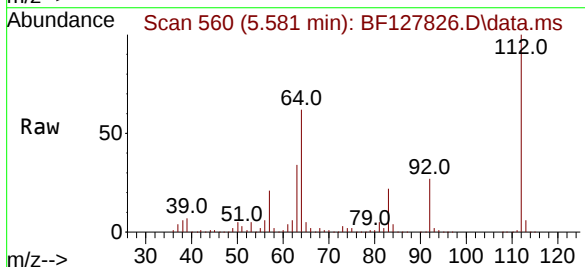
Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:152 Resp: 154410
Ion Ratio Lower Upper
152 100
150 146.9 117.2 175.8
115 59.5 49.8 74.6



#5
2-Fluorophenol
Concen: 94.547 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

Tgt Ion:112 Resp: 898455
Ion Ratio Lower Upper
112 100
64 62.5 58.4 87.6
63 34.0 30.1 45.1



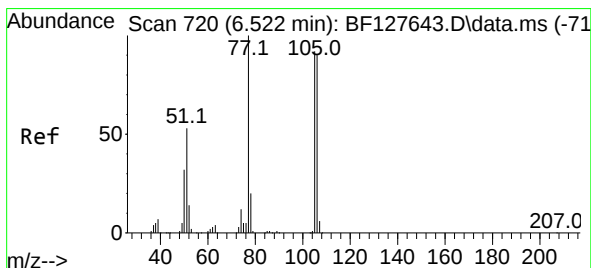
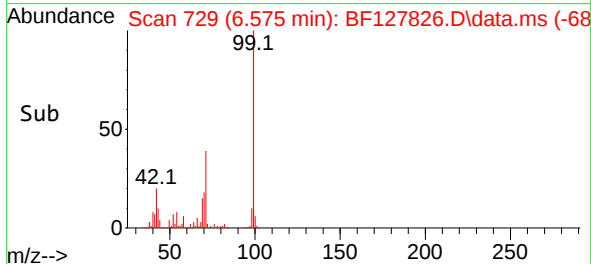
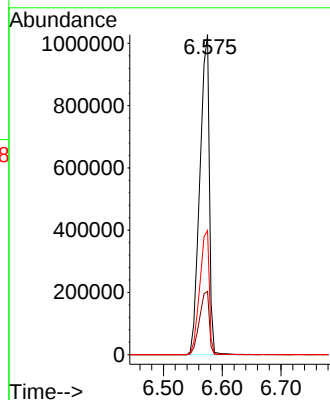
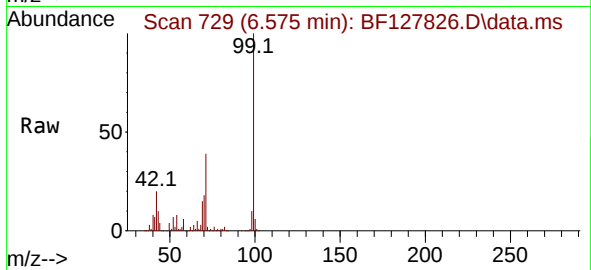


#7
Phenol-d6
Concen: 92.268 ng
RT: 6.575 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion: 99 Resp: 1147031

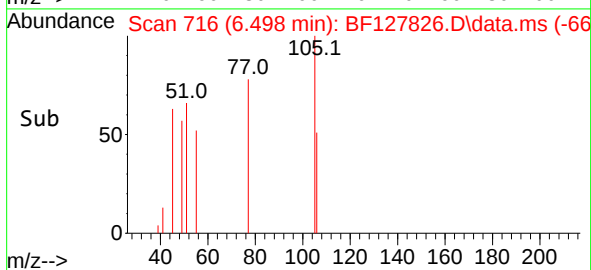
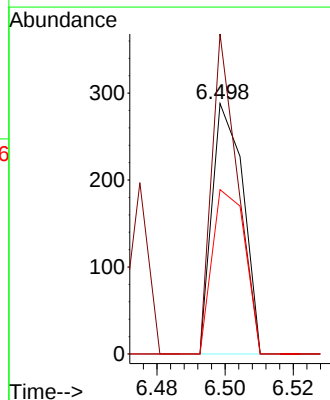
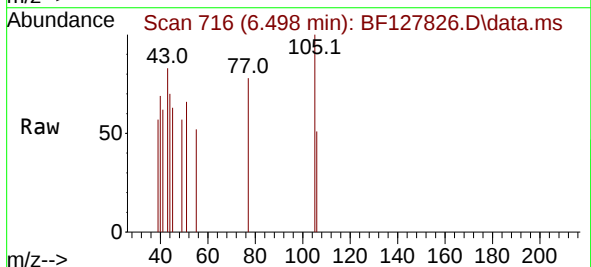
Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.8	26.6
71	38.8	29.6	44.4

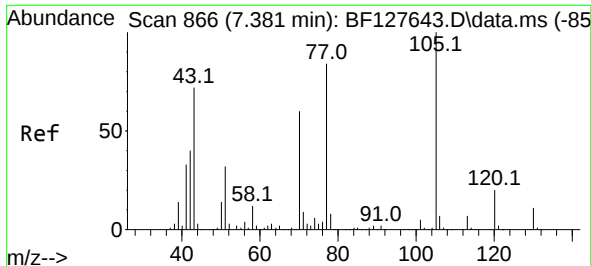


#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

Tgt Ion: 77 Resp: 182

Ion	Ratio	Lower	Upper
77	100		
105	127.8	66.8	106.8#
106	65.6	64.3	104.3





#19

n-Nitroso-di-n-propylamine

Concen: 13.967 ng

RT: 7.510 min Scan# 81

Delta R.T. 0.135 min

Lab File: BF127826.D

Acq: 18 Apr 2022 15:40

Instrument :

BNA_F

ClientSampleId :

SB-5

Tgt Ion: 70 Resp: 112304

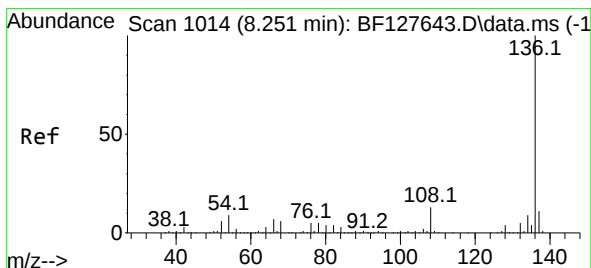
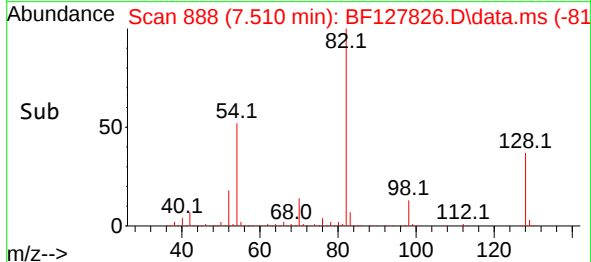
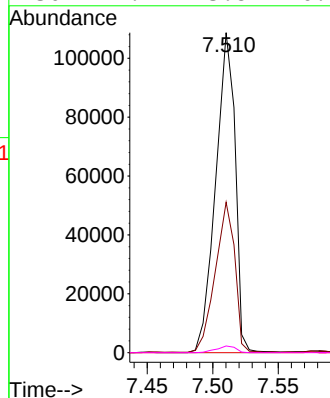
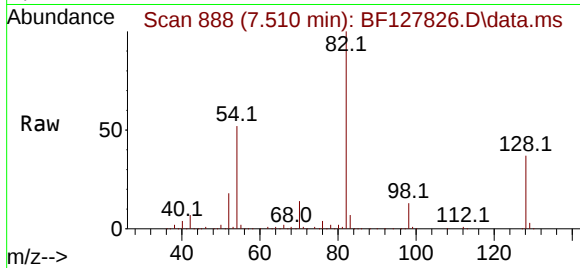
Ion Ratio Lower Upper

70 100

42 47.0 53.0 79.6#

101 0.0 6.8 10.2#

130 2.1 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.234 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BF127826.D

Acq: 18 Apr 2022 15:40

Tgt Ion:136 Resp: 561420

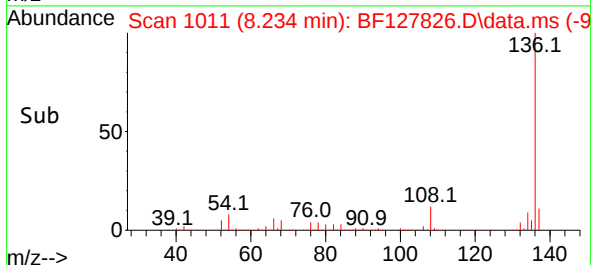
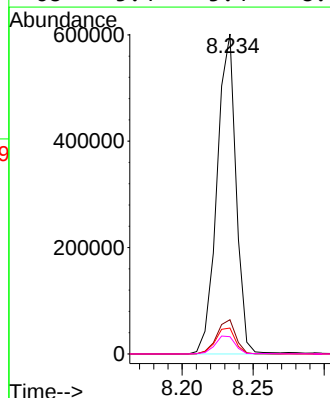
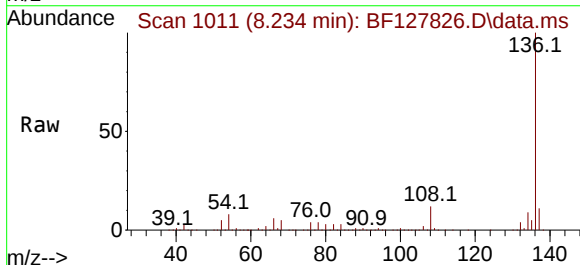
Ion Ratio Lower Upper

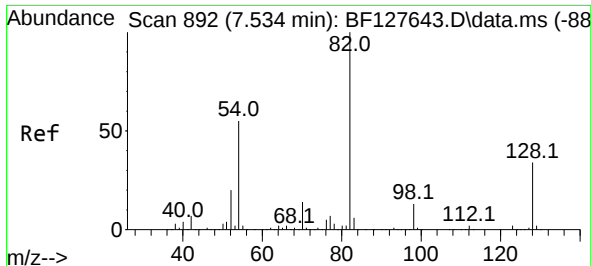
136 100

137 10.7 8.6 13.0

54 8.1 9.2 13.8#

68 5.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 65.267 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.018 min

Lab File: BF127826.D

Acq: 18 Apr 2022 15:40

Instrument :

BNA_F

ClientSampleId :

SB-5

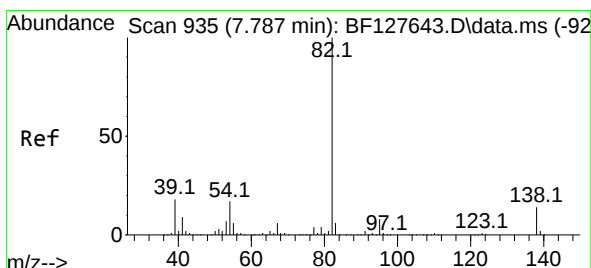
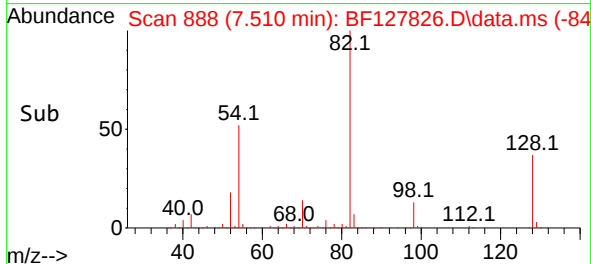
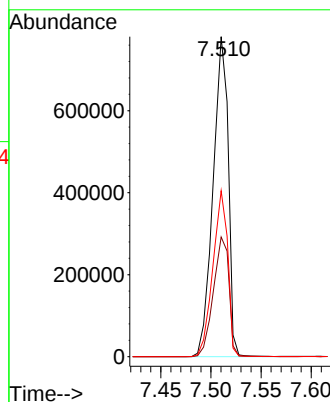
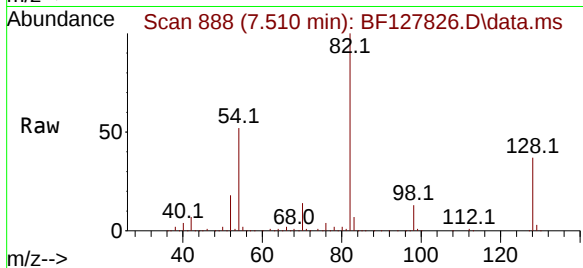
Tgt Ion: 82 Resp: 821918

Ion Ratio Lower Upper

82 100

128 37.4 30.6 45.8

54 51.9 48.2 72.2



#25

Isophorone

Concen: 37.113 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.276 min

Lab File: BF127826.D

Acq: 18 Apr 2022 15:40

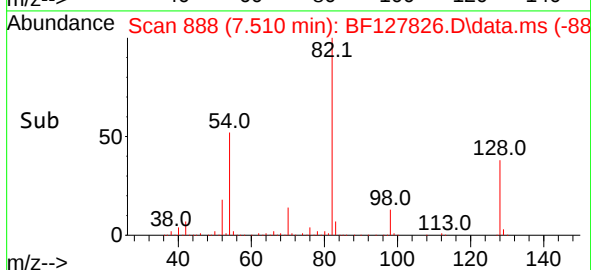
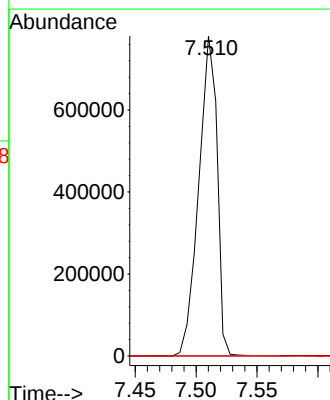
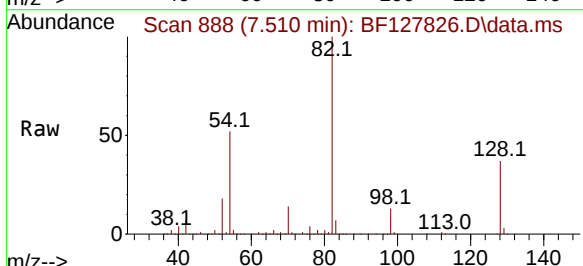
Tgt Ion: 82 Resp: 815530

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

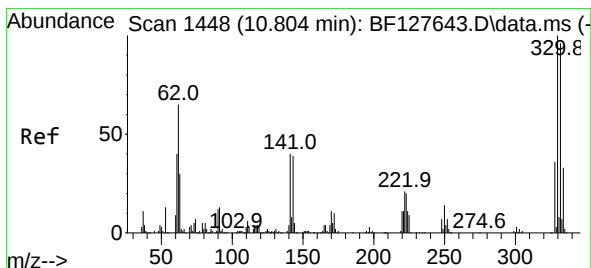
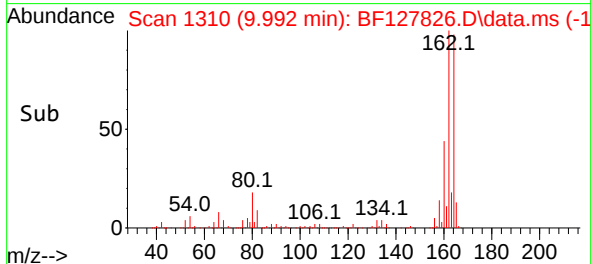
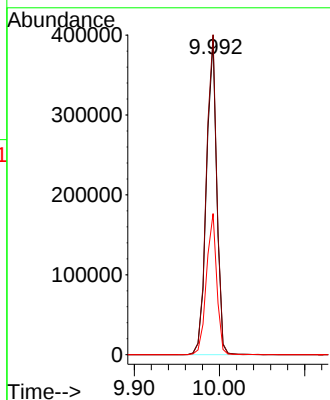
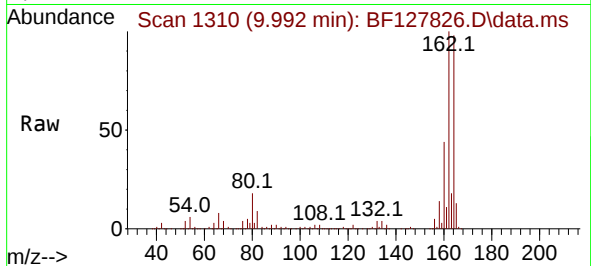




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

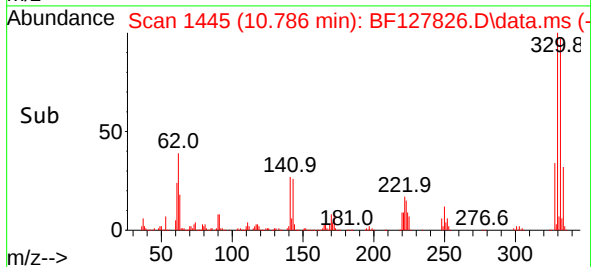
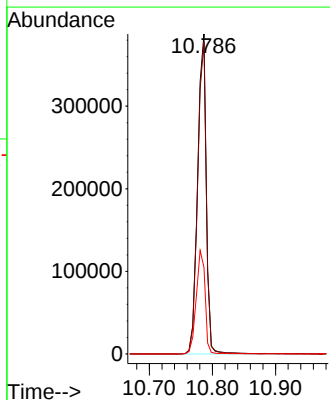
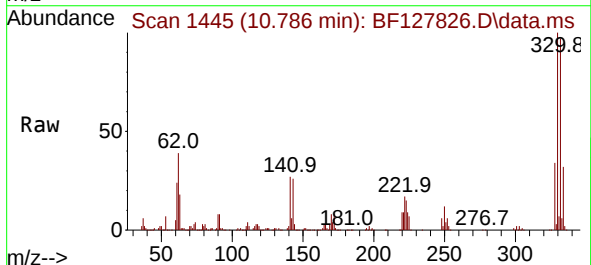
Instrument :
BNA_F
ClientSampleId :
SB-5

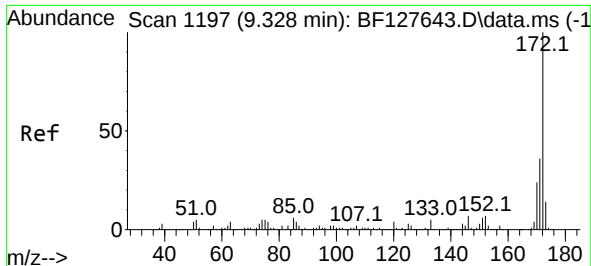
Tgt Ion:164 Resp: 331514
Ion Ratio Lower Upper
164 100
162 102.2 81.2 121.8
160 45.0 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 104.288 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

Tgt Ion:330 Resp: 367908
Ion Ratio Lower Upper
330 100
332 97.2 79.1 118.7
141 33.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 59.204 ng

RT: 9.310 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF127826.D

Acq: 18 Apr 2022 15:40

Instrument :

BNA_F

ClientSampleId :

SB-5

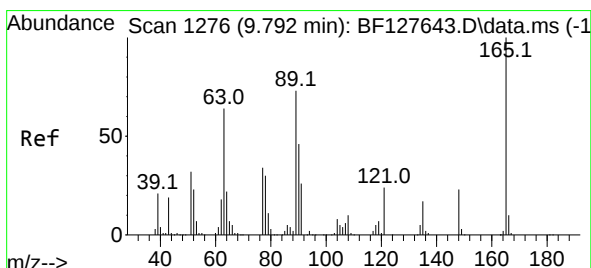
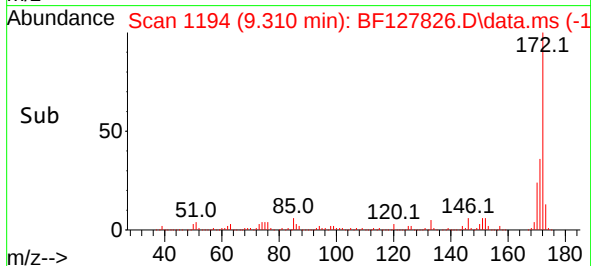
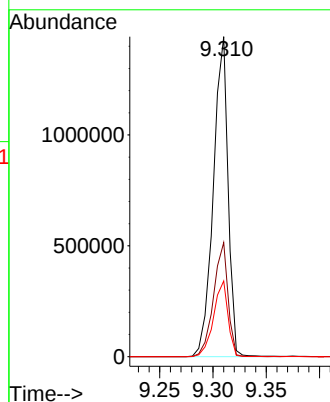
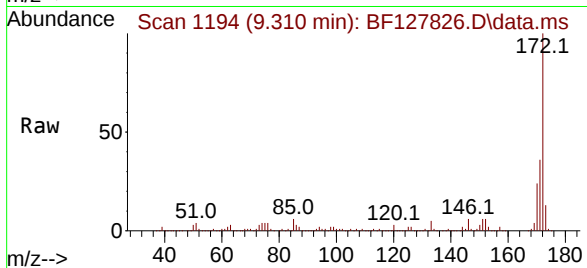
Tgt Ion:172 Resp: 1387388

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.625 ng

RT: 9.992 min Scan# 1310

Delta R.T. 0.206 min

Lab File: BF127826.D

Acq: 18 Apr 2022 15:40

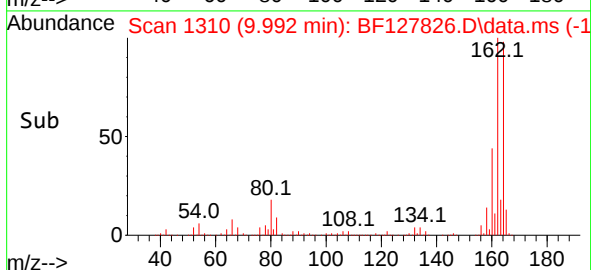
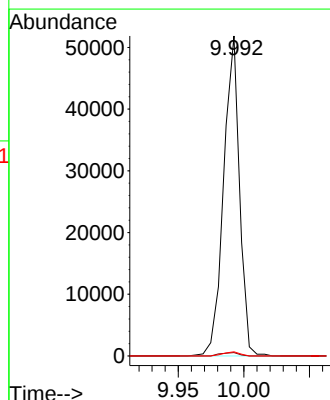
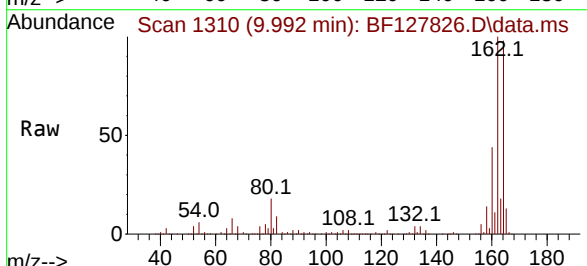
Tgt Ion:165 Resp: 43598

Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.3 51.5 77.3#

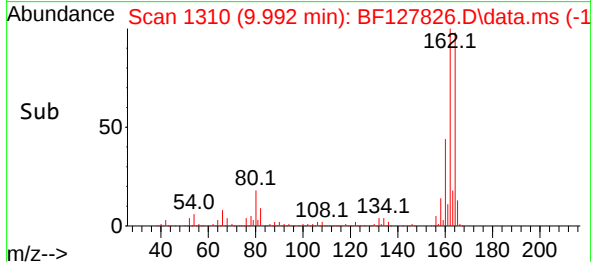
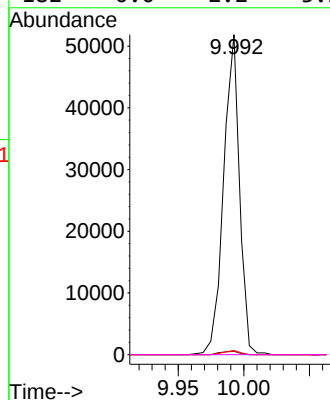
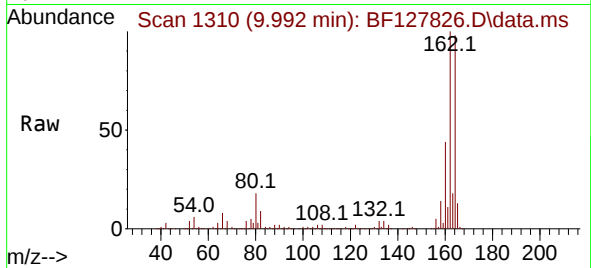




#57
2,4-Dinitrotoluene
Concen: 7.764 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

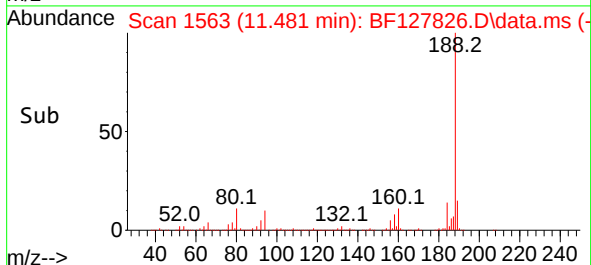
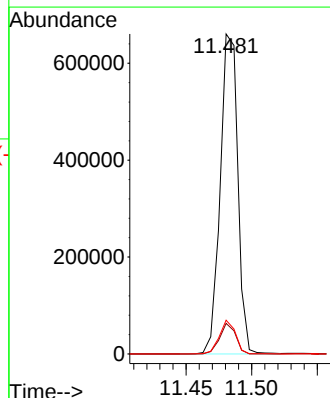
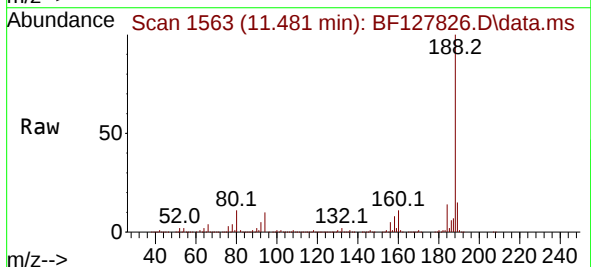
Instrument :
BNA_F
ClientSampleId :
SB-5

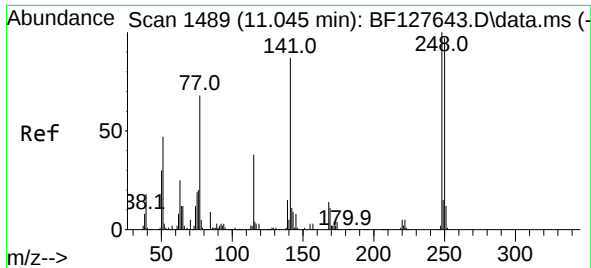
Tgt Ion:165 Resp: 43598
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

Tgt Ion:188 Resp: 614497
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.5 8.0 12.0

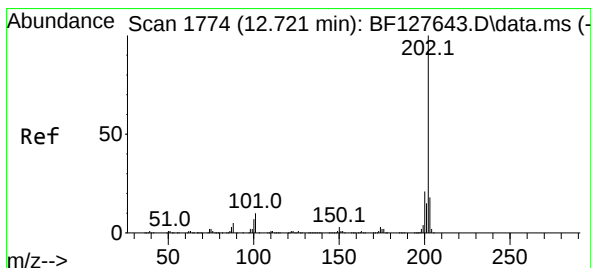
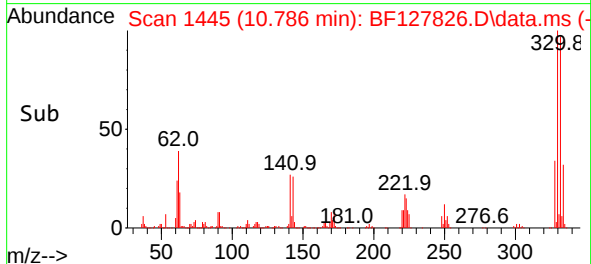
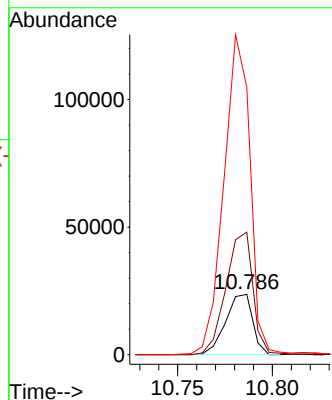
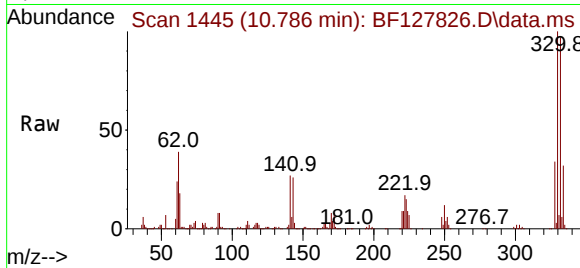




#67
4-Bromophenyl-phenylether
Concen: 3.142 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

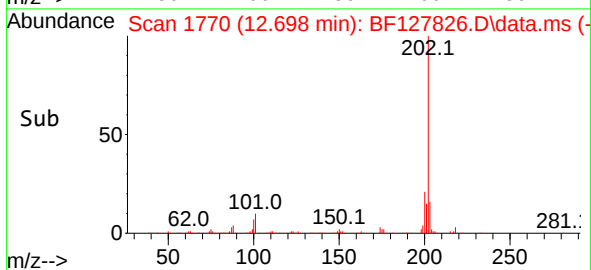
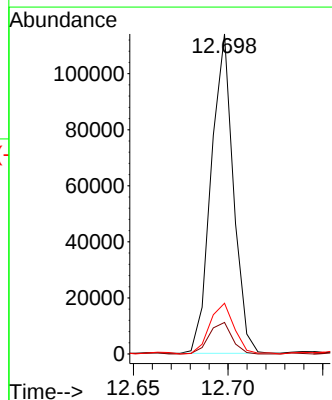
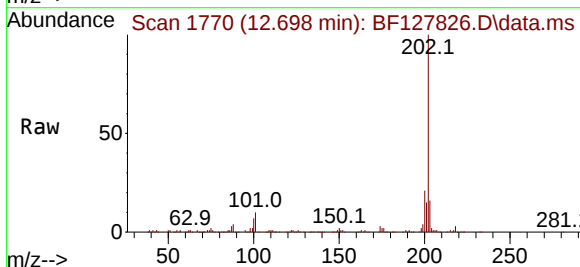
Instrument :
BNA_F
ClientSampleId :
SB-5

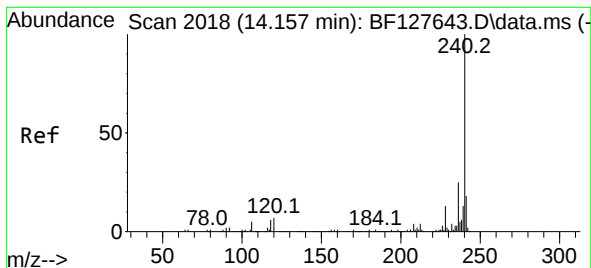
Tgt Ion:248 Resp: 23434
Ion Ratio Lower Upper
248 100
250 202.9 76.6 115.0#
141 443.2 52.2 78.2#



#75
Fluoranthene
Concen: 2.613 ng
RT: 12.698 min Scan# 1770
Delta R.T. -0.012 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

Tgt Ion:202 Resp: 92824
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.0
203 15.8 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF127826.D

Acq: 18 Apr 2022 15:40

Instrument :

BNA_F

ClientSampleId :

SB-5

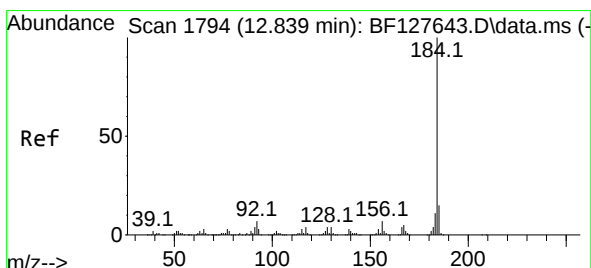
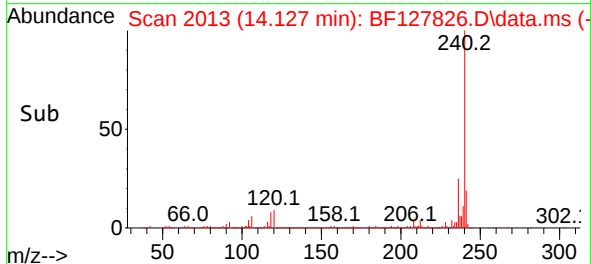
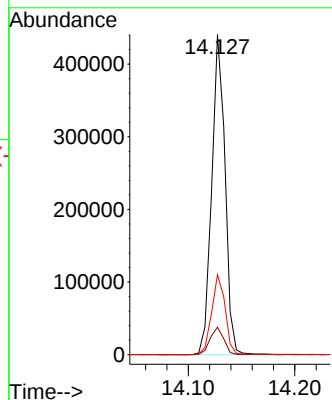
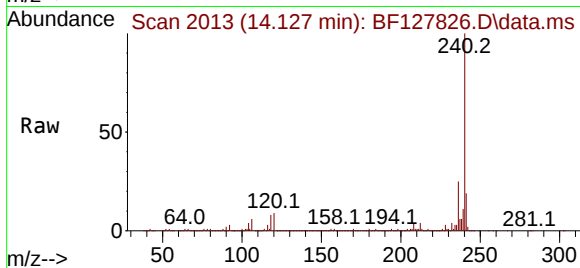
Tgt Ion:240 Resp: 382602

Ion Ratio Lower Upper

240 100

120 8.6 7.1 10.7

236 24.9 20.7 31.1



#77

Benzidine

Concen: 2.106 ng

RT: 13.075 min Scan# 1834

Delta R.T. 0.247 min

Lab File: BF127826.D

Acq: 18 Apr 2022 15:40

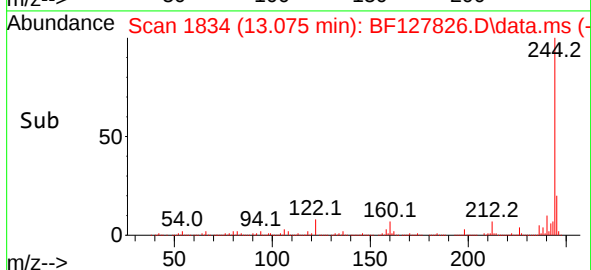
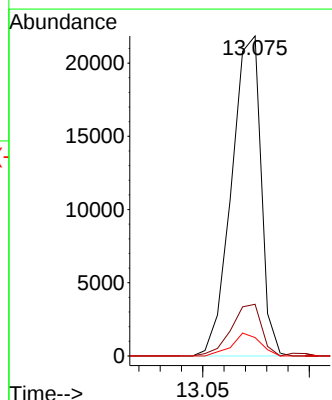
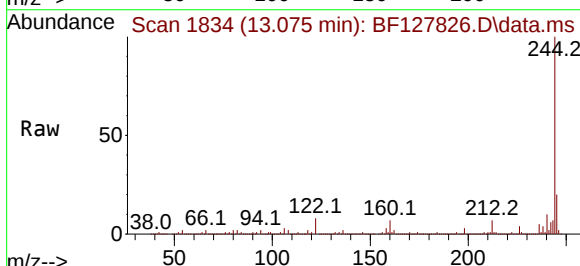
Tgt Ion:184 Resp: 21032

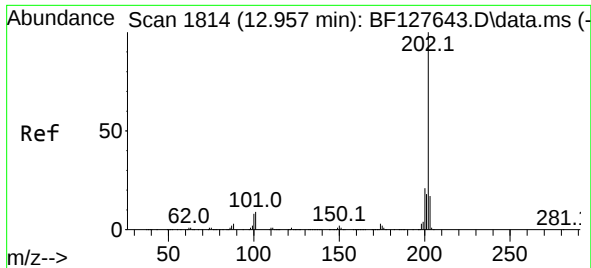
Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.2

183 5.7 9.4 14.0#

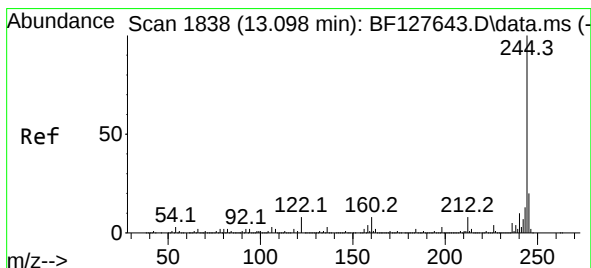
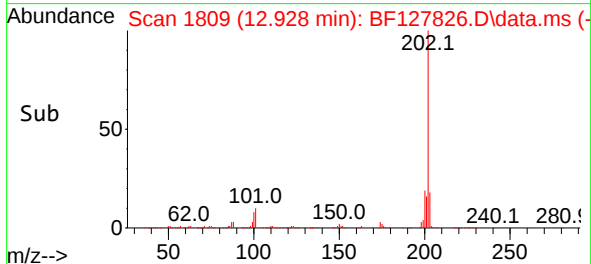
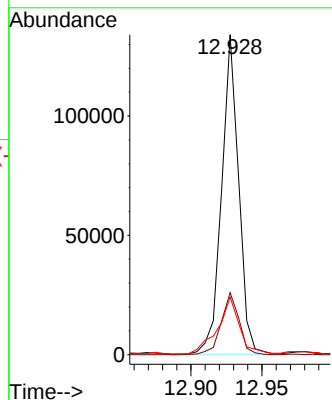
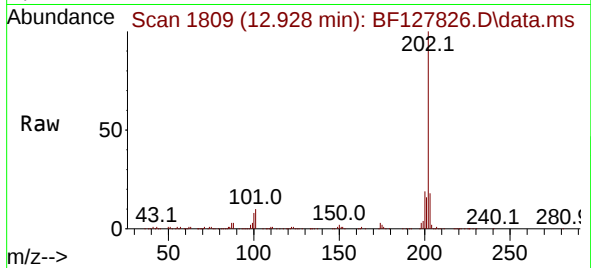




#78
 Pyrene
 Concen: 3.445 ng
 RT: 12.928 min Scan# 1809
 Delta R.T. -0.018 min
 Lab File: BF127826.D
 Acq: 18 Apr 2022 15:40

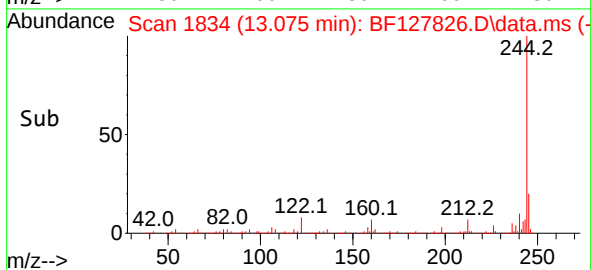
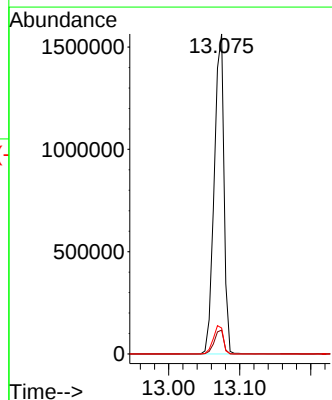
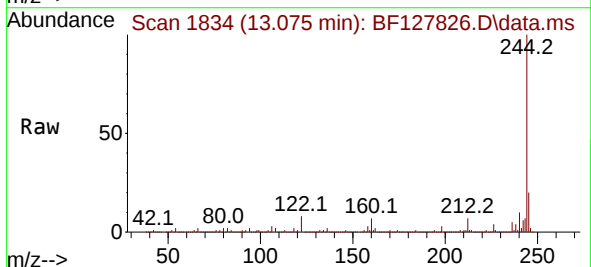
Instrument :
 BNA_F
 ClientSampleId :
 SB-5

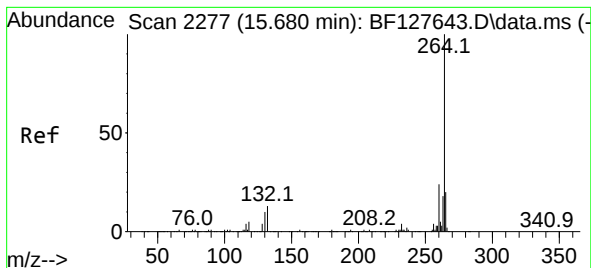
Tgt Ion:202 Resp: 111311
 Ion Ratio Lower Upper
 202 100
 200 19.4 17.1 25.7
 203 18.0 14.3 21.5



#79
 Terphenyl-d14
 Concen: 64.336 ng
 RT: 13.075 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF127826.D
 Acq: 18 Apr 2022 15:40

Tgt Ion:244 Resp: 1491270
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 8.1 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF127826.D

Acq: 18 Apr 2022 15:40

Instrument :

BNA_F

ClientSampleId :

SB-5

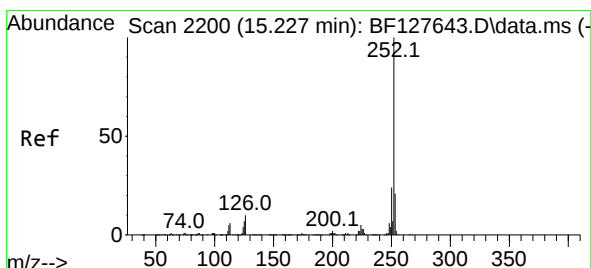
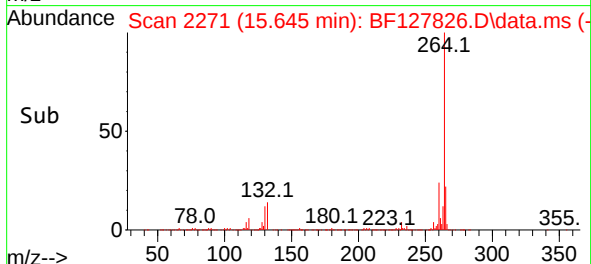
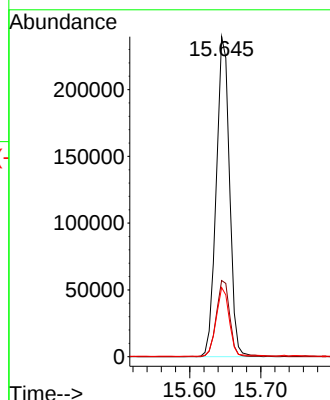
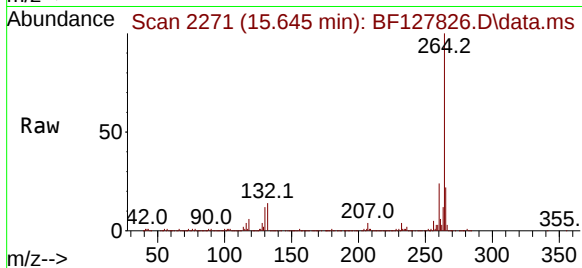
Tgt Ion:264 Resp: 310256

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.6 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.371 ng

RT: 15.192 min Scan# 2194

Delta R.T. -0.018 min

Lab File: BF127826.D

Acq: 18 Apr 2022 15:40

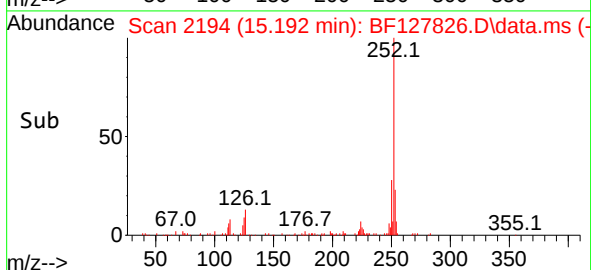
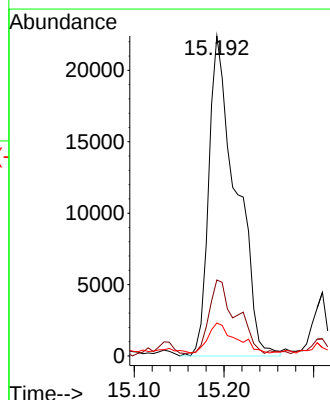
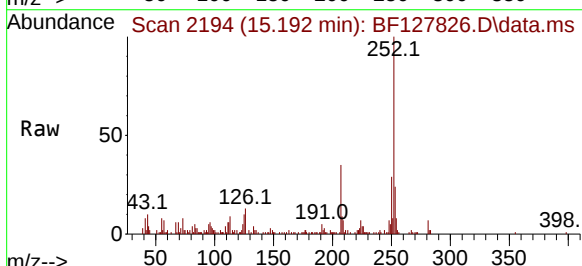
Tgt Ion:252 Resp: 47328

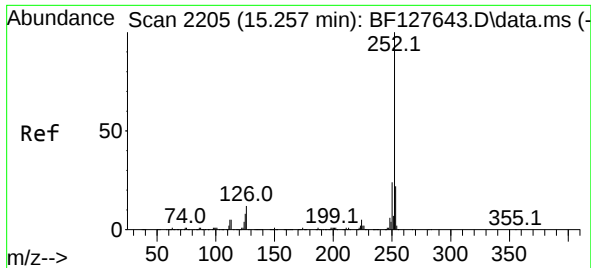
Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

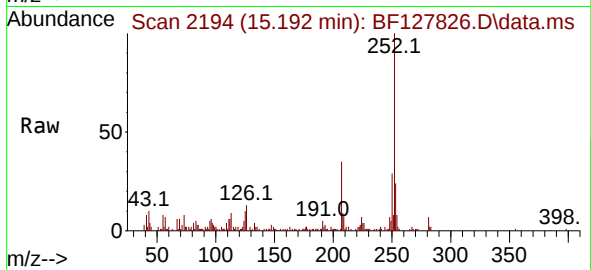
125 10.3 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 2.391 ng
RT: 15.192 min Scan# 21
Delta R.T. -0.047 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

Instrument :
BNA_F
ClientSampleId :
SB-5



Tgt Ion:252 Resp: 47328
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 10.3 6.9 10.3

