

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131845.D
 Acq On : 27 Dec 2022 19:32
 Operator : CG\JU
 Sample : N6088-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-27-5B02

Quant Time: Dec 28 00:38:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

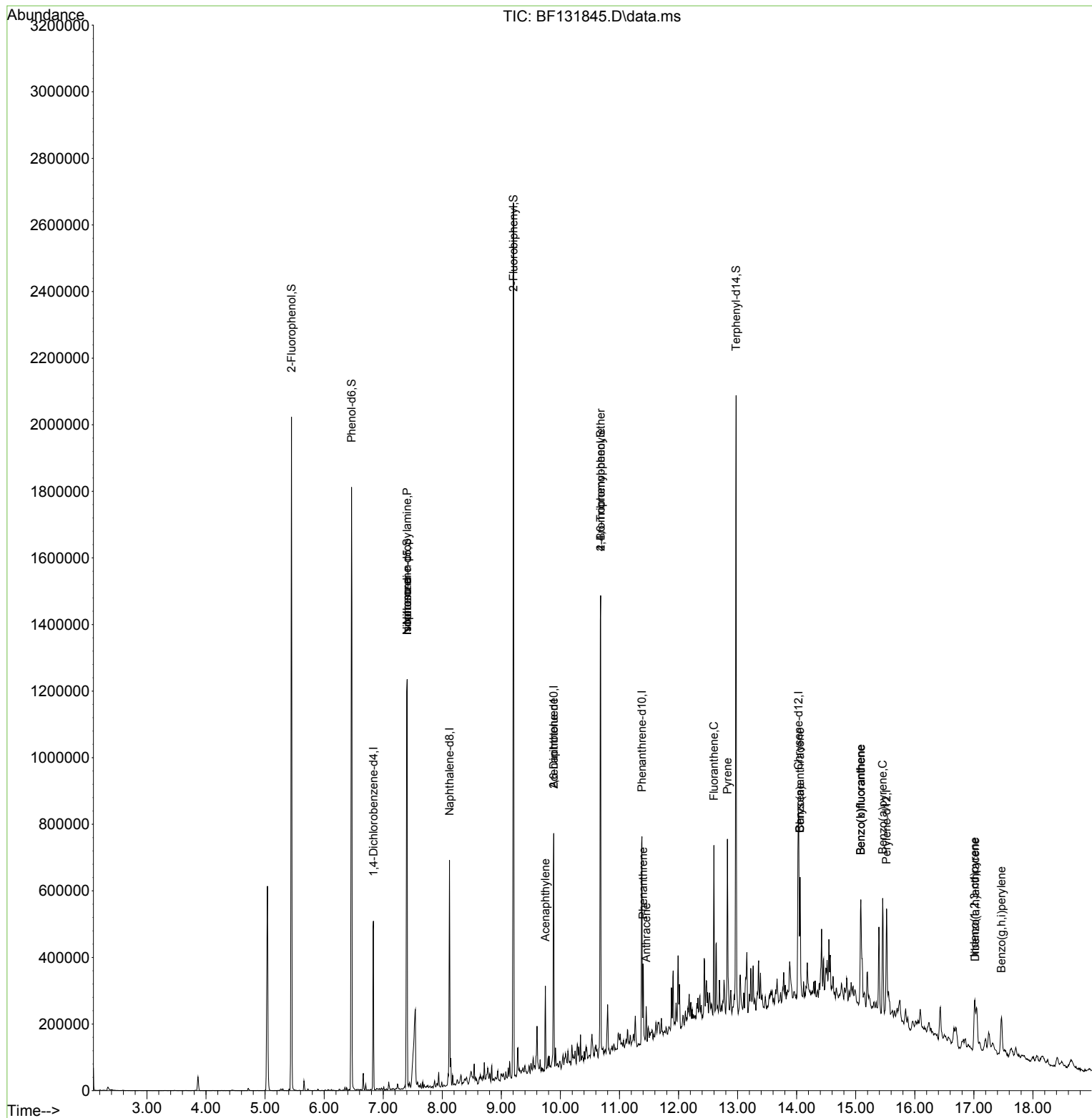
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	71293	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	252479	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	137134	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	227824	20.000	ng	0.00
76) Chrysene-d12	14.033	240	131130	20.000	ng	0.00
86) Perylene-d12	15.521	264	150105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	489020	113.674	ng	0.00
7) Phenol-d6	6.463	99	632029	111.824	ng	0.00
23) Nitrobenzene-d5	7.404	82	448277	70.888	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	152377	102.269	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	745395	74.452	ng	0.00
79) Terphenyl-d14	12.975	244	589085	75.989	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	63506	15.910	ng	# 77
25) Isophorone	7.404	82	446502	43.236	ng	# 69
49) Acenaphthylene	9.745	152	82712	6.395	ng	99
51) 2,6-Dinitrotoluene	9.886	165	18876	8.405	ng	# 18
67) 4-Bromophenyl-phenylether	10.681	248	10484	3.970	ng	# 1
71) Phenanthrene	11.398	178	86164	6.878	ng	99
72) Anthracene	11.451	178	36694	2.994	ng	99
75) Fluoranthene	12.598	202	165065	11.311	ng	99
78) Pyrene	12.827	202	197740	17.991	ng	99
81) Benzo(a)anthracene	14.057	228	145007	15.273	ng	95
83) Chrysene	14.057	228	145007	16.253	ng	98
87) Indeno(1,2,3-cd)pyrene	17.010	276	95852	10.051	ng	99
88) Benzo(b)fluoranthene	15.086	252	232960	21.166	ng	# 97
89) Benzo(k)fluoranthene	15.086	252	232960	21.906	ng	# 97
90) Benzo(a)pyrene	15.457	252	155401	18.237	ng	94
91) Dibenzo(a,h)anthracene	17.021	278	32097	4.109	ng	# 88
92) Benzo(g,h,i)perylene	17.468	276	95418	14.446	ng	96

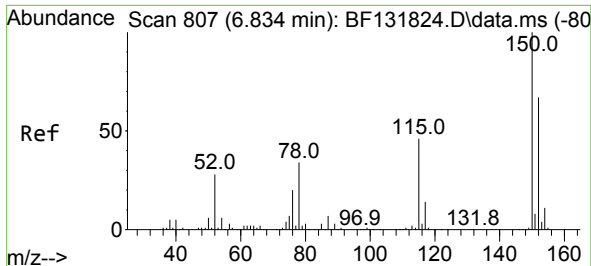
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B02

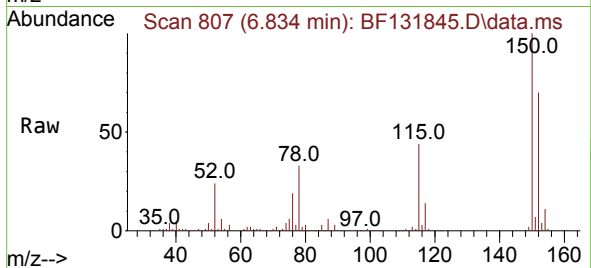
Quant Time: Dec 28 00:38:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 05:13:34 2022
Response via : Initial Calibration



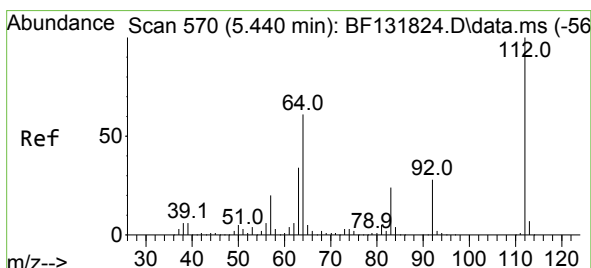
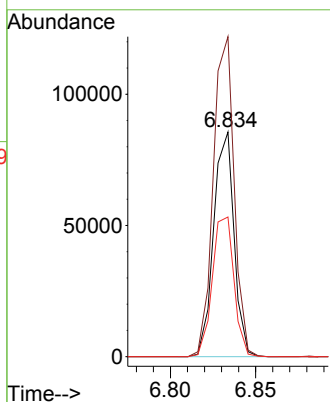
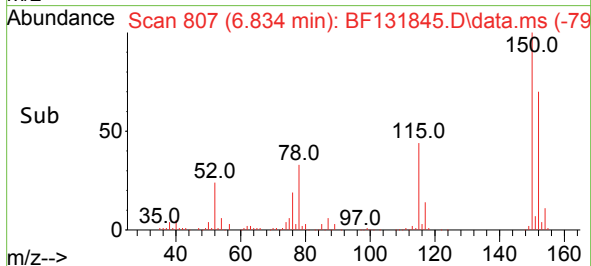


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

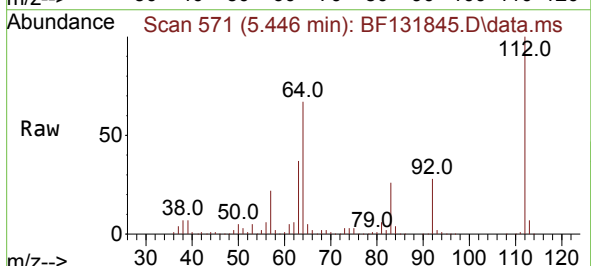
Instrument :
BNA_F
ClientSampleId :
B-27-5B02



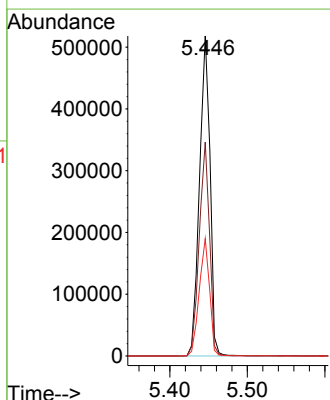
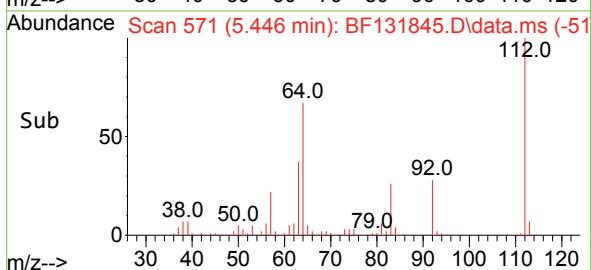
Tgt Ion:152 Resp: 71293
Ion Ratio Lower Upper
152 100
150 142.4 120.0 180.0
115 62.1 55.1 82.7

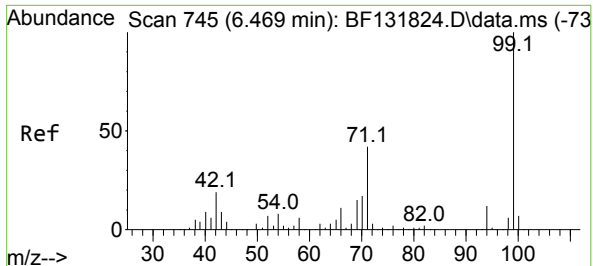


#5
2-Fluorophenol
Concen: 113.674 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32



Tgt Ion:112 Resp: 489020
Ion Ratio Lower Upper
112 100
64 66.9 49.2 73.8
63 36.7 27.5 41.3

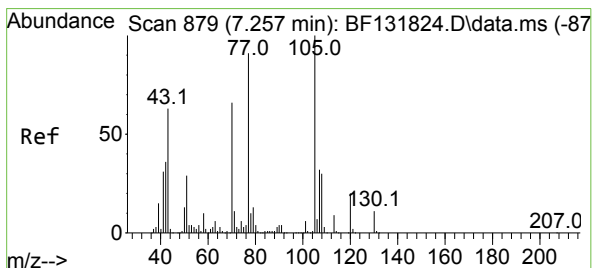
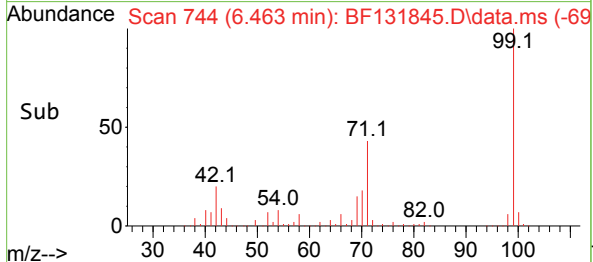
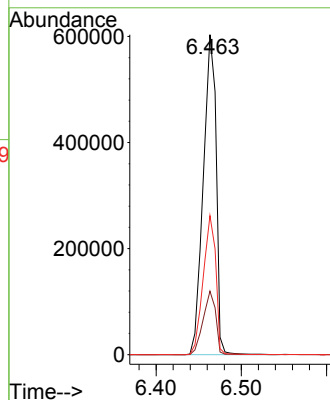
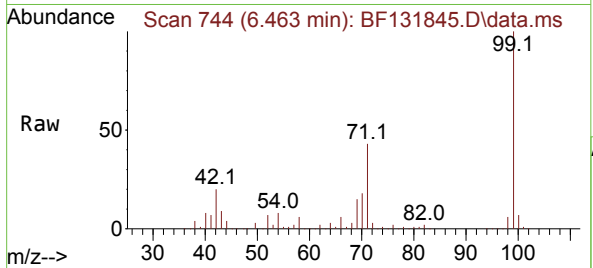




#7
Phenol-d6
Concen: 111.824 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

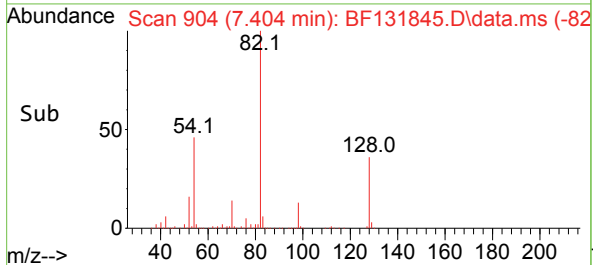
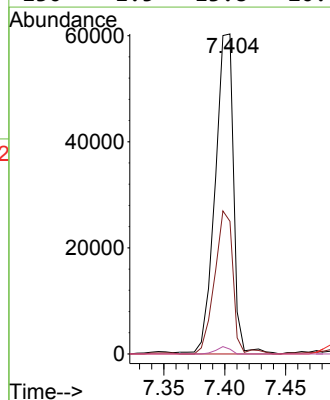
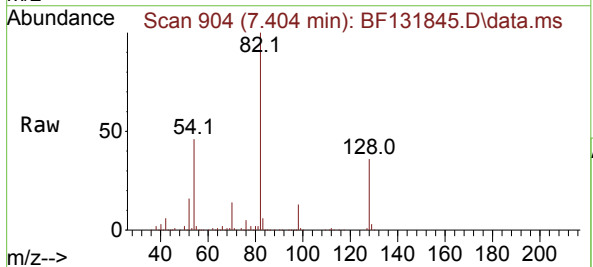
Instrument :
BNA_F
ClientSampleId :
B-27-5B02

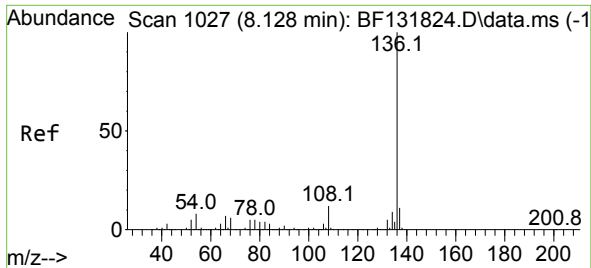
Tgt Ion: 99 Resp: 632029
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 43.4 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.910 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

Tgt Ion: 70 Resp: 63506
Ion Ratio Lower Upper
70 100
42 41.4 43.8 65.6#
101 0.0 7.4 11.0#
130 1.5 13.8 20.6#

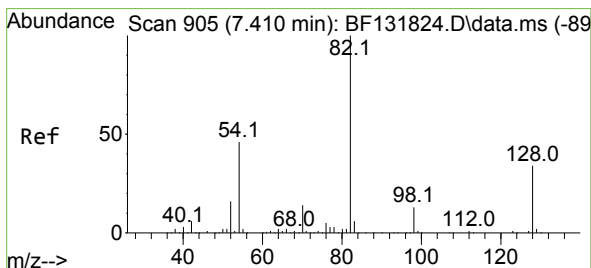
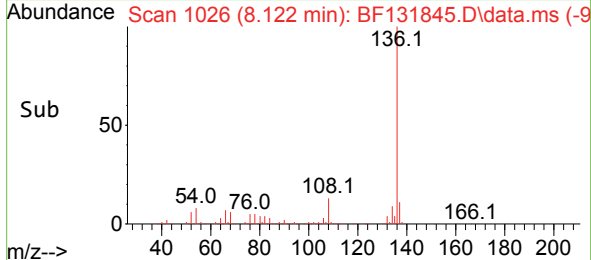
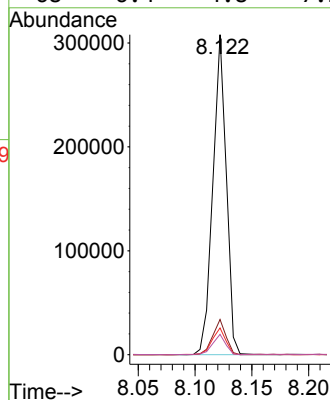
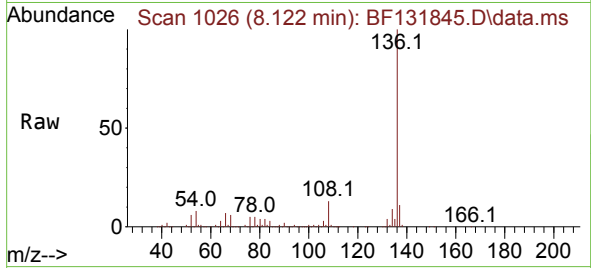




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

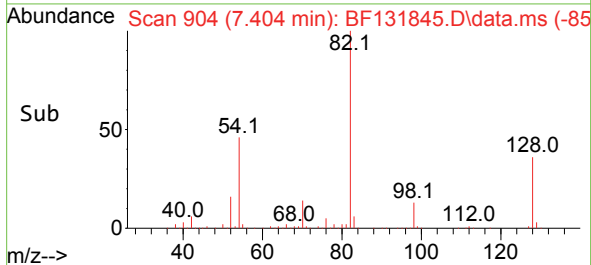
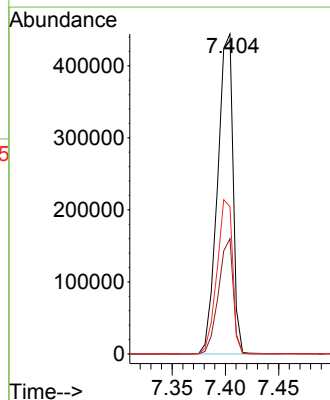
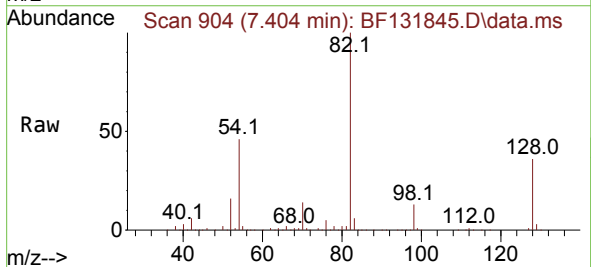
Instrument :
BNA_F
ClientSampleId :
B-27-5B02

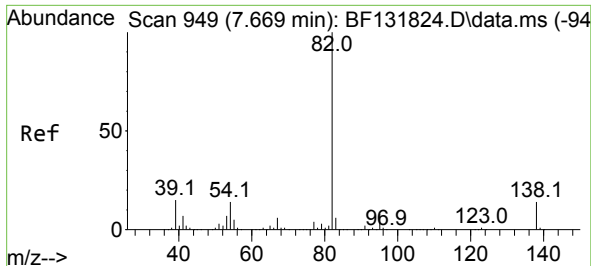
Tgt Ion:136 Resp: 252479
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.3 6.7 10.1
68 6.4 4.8 7.2



#23
Nitrobenzene-d5
Concen: 70.888 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

Tgt Ion: 82 Resp: 448277
Ion Ratio Lower Upper
82 100
128 36.0 27.1 40.7
54 46.0 37.0 55.6

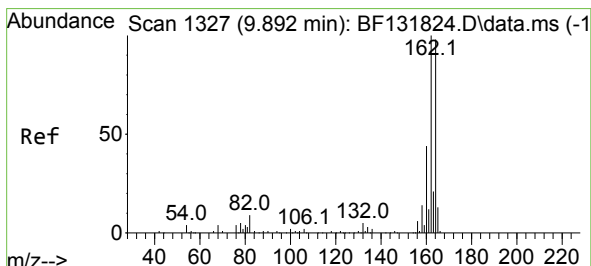
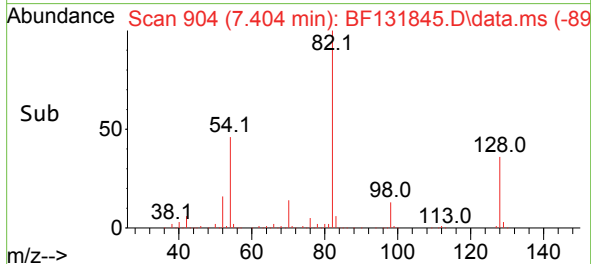
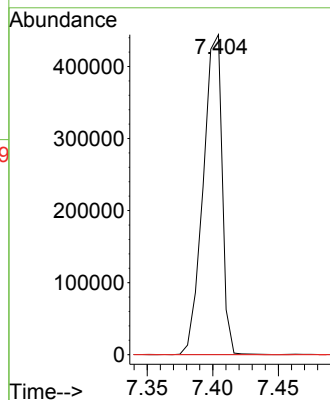
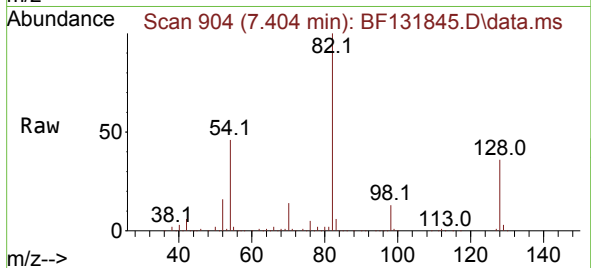




#25
Isophorone
Concen: 43.236 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

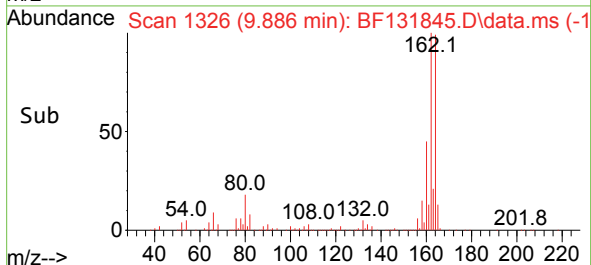
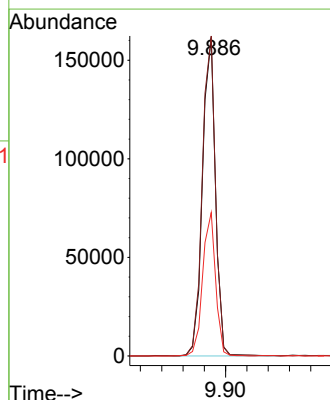
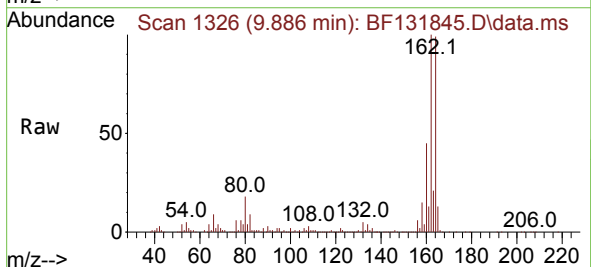
Instrument :
BNA_F
ClientSampleId :
B-27-5B02

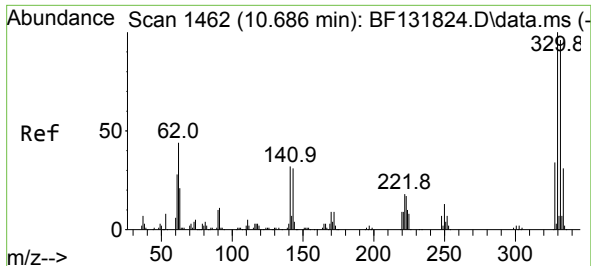
Tgt Ion: 82 Resp: 446502
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

Tgt Ion:164 Resp: 137134
Ion Ratio Lower Upper
164 100
162 100.5 81.8 122.6
160 45.0 35.7 53.5

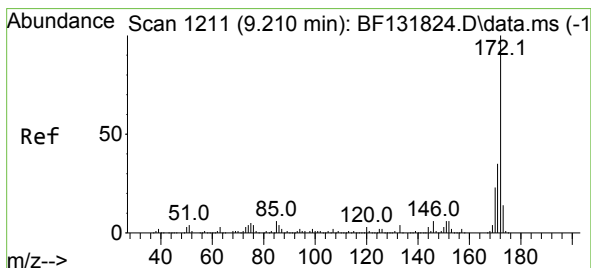
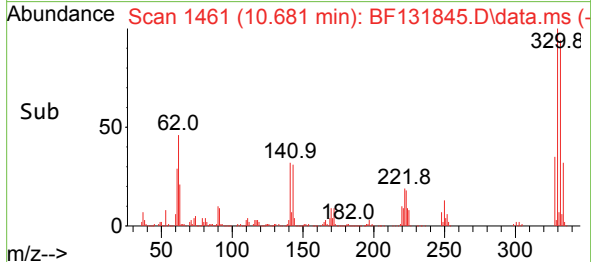
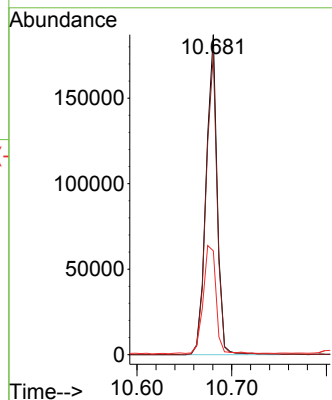
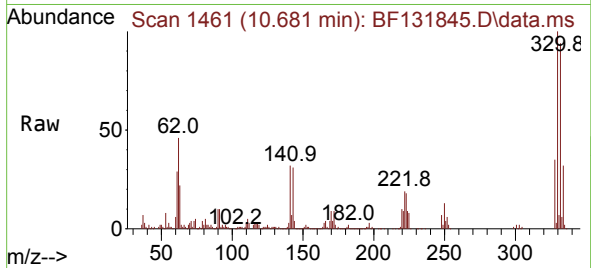




#42
2,4,6-Tribromophenol
Concen: 102.269 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

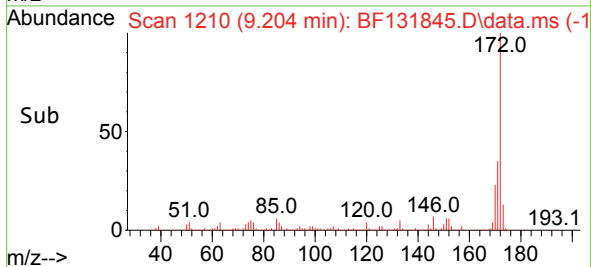
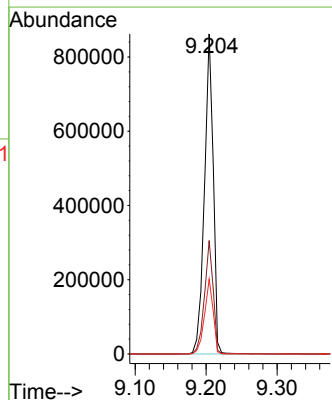
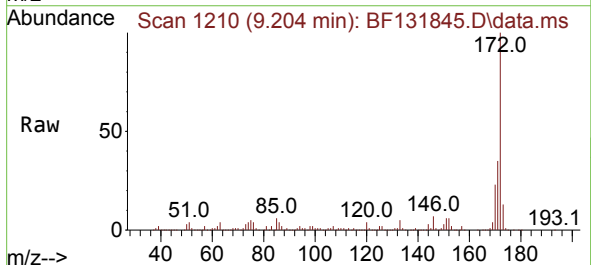
Instrument :
BNA_F
ClientSampleId :
B-27-5B02

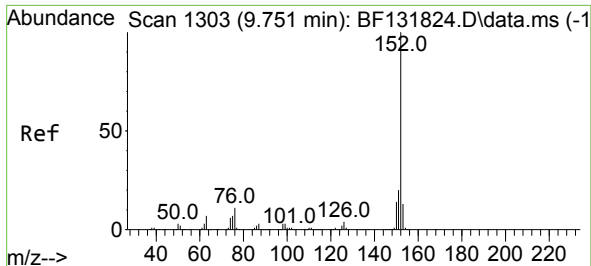
Tgt Ion:330 Resp: 152377
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.4
141 39.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 74.452 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

Tgt Ion:172 Resp: 745395
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.4 18.7 28.1

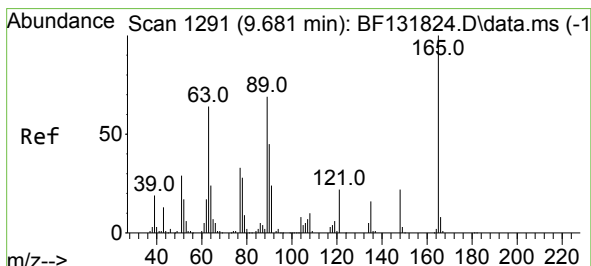
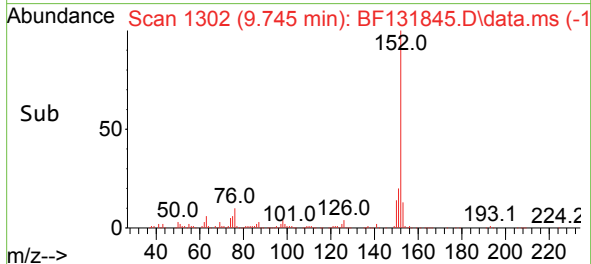
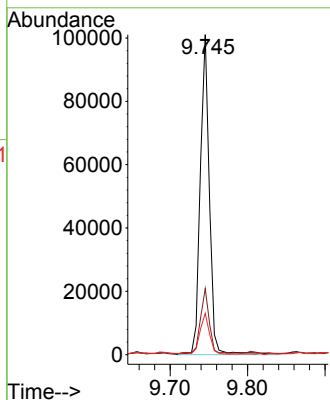
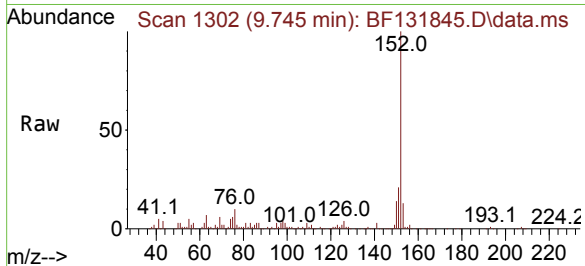




#49
Acenaphthylene
Concen: 6.395 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

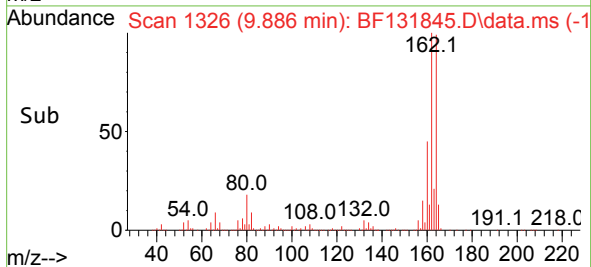
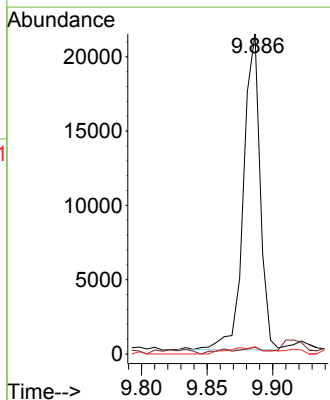
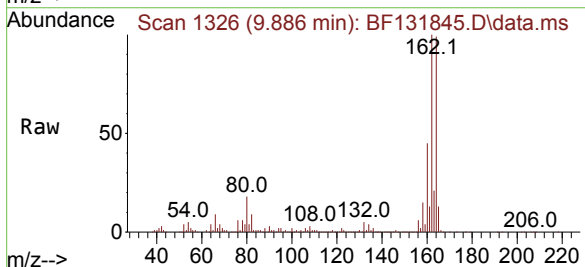
Instrument :
BNA_F
ClientSampleId :
B-27-5B02

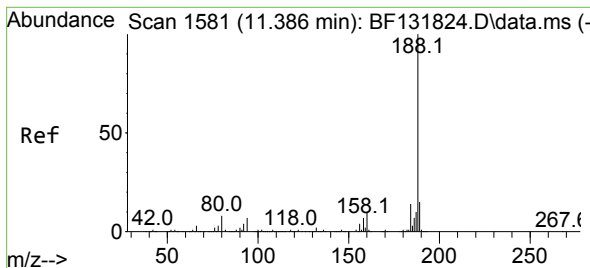
Tgt Ion:152 Resp: 82712
Ion Ratio Lower Upper
152 100
151 20.7 15.8 23.6
153 12.9 10.2 15.4



#51
2,6-Dinitrotoluene
Concen: 8.405 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

Tgt Ion:165 Resp: 18876
Ion Ratio Lower Upper
165 100
63 2.1 55.1 82.7#
89 2.2 55.0 82.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131845.D

Acq: 27 Dec 2022 19:32

Instrument :

BNA_F

ClientSampleId :

B-27-5B02

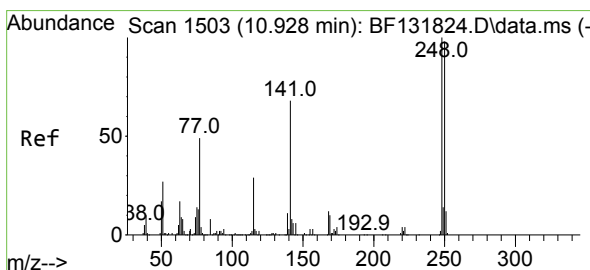
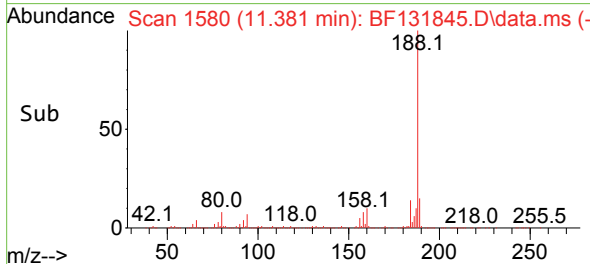
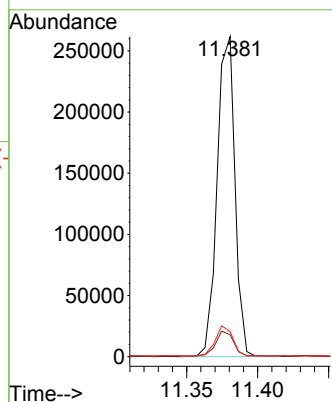
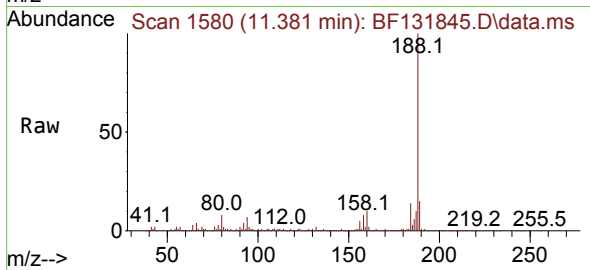
Tgt Ion:188 Resp: 227824

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

80 7.8 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 3.970 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF131845.D

Acq: 27 Dec 2022 19:32

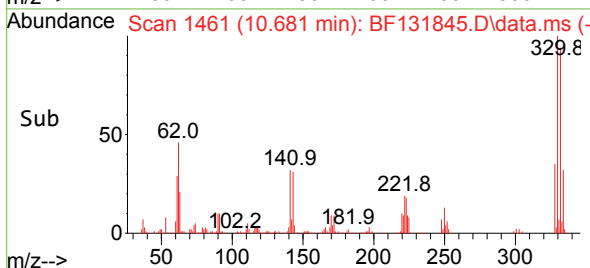
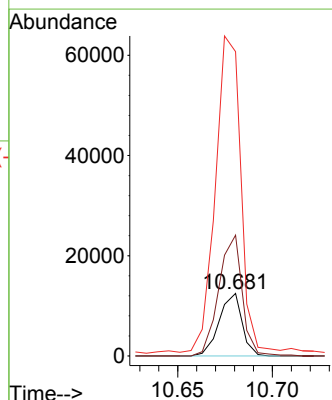
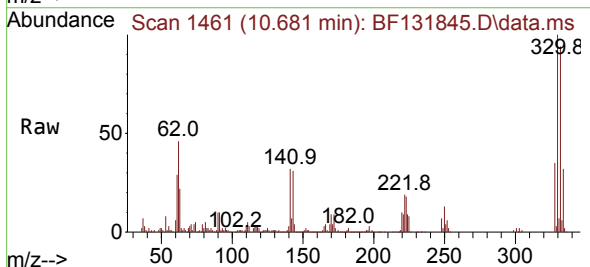
Tgt Ion:248 Resp: 10484

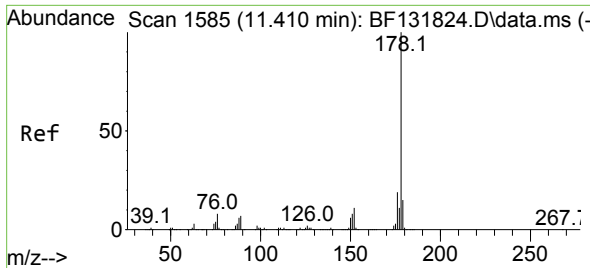
Ion Ratio Lower Upper

248 100

250 193.3 78.0 117.0#

141 486.5 54.8 82.2#

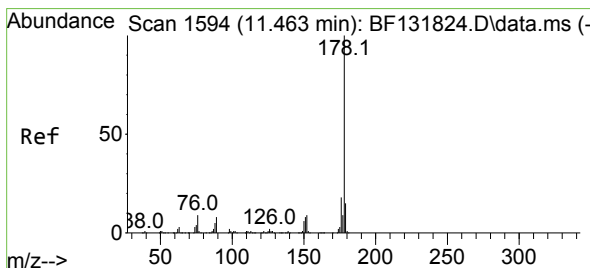
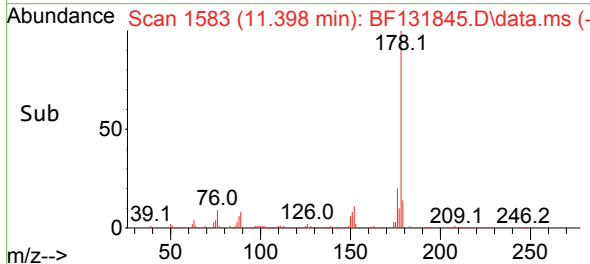
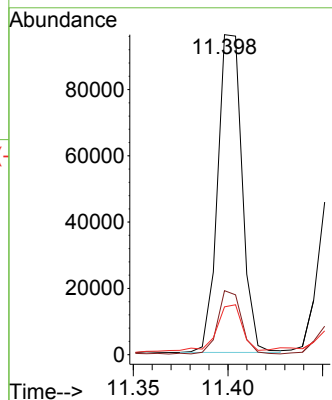
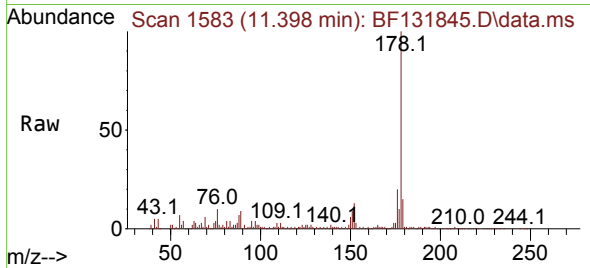




#71
Phenanthrene
Concen: 6.878 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

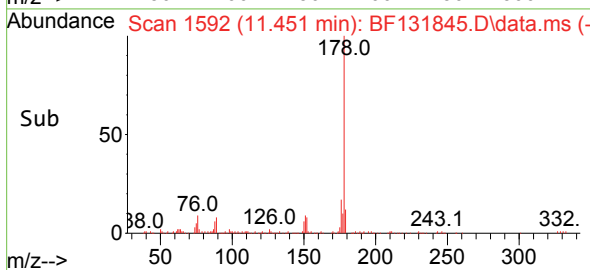
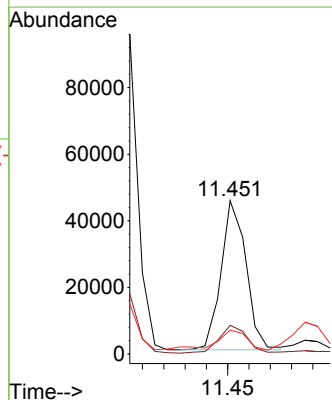
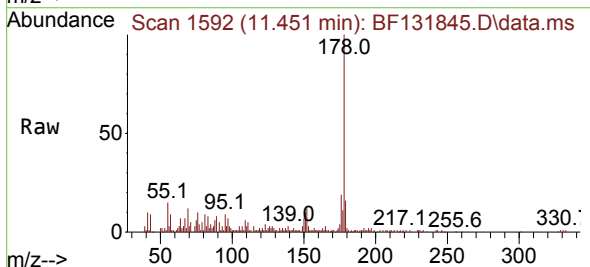
Instrument :
BNA_F
ClientSampleId :
B-27-5B02

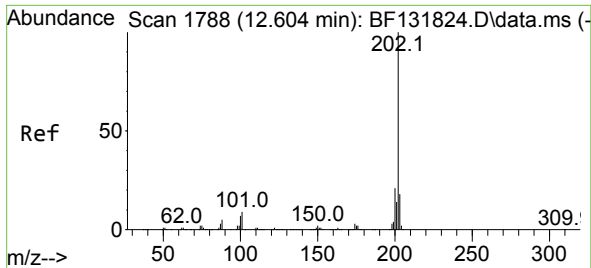
Tgt Ion:178	Resp:	86164
Ion Ratio	Lower	Upper
178	100	
176	20.0	15.5 23.3
179	15.0	12.2 18.4



#72
Anthracene
Concen: 2.994 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

Tgt Ion:178	Resp:	36694
Ion Ratio	Lower	Upper
178	100	
176	18.7	14.8 22.2
179	15.6	12.2 18.2

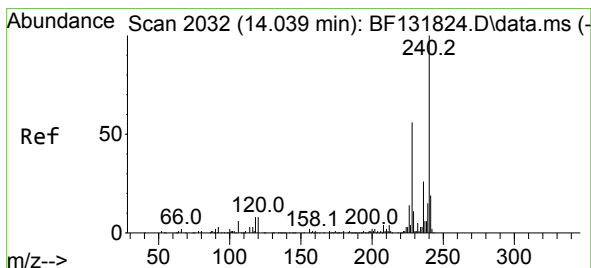
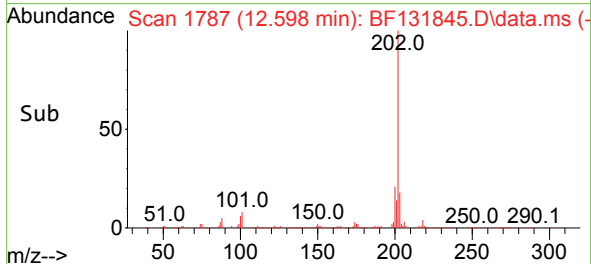
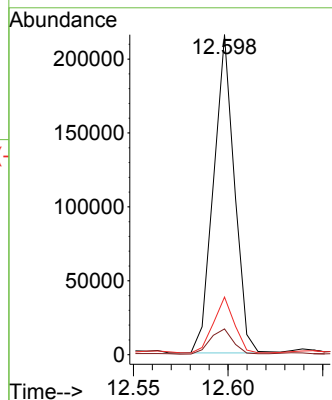
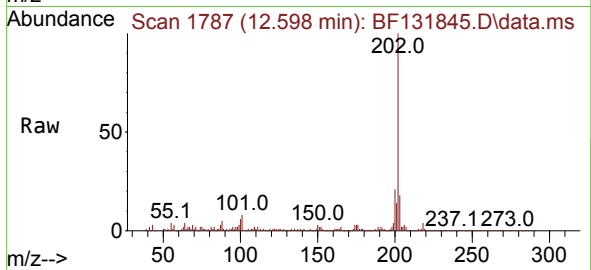




#75
Fluoranthene
Concen: 11.311 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

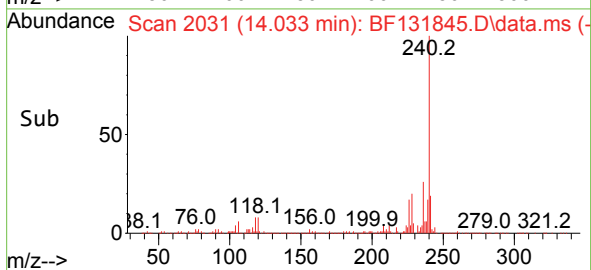
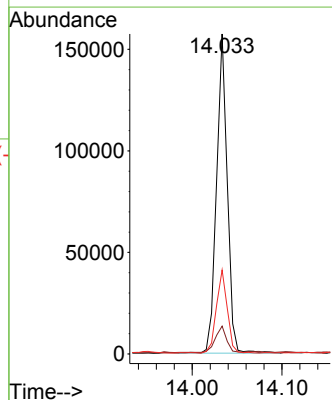
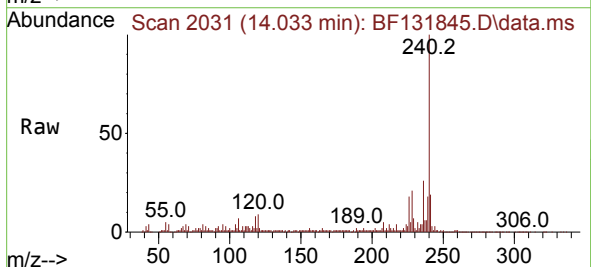
Instrument :
BNA_F
ClientSampleId :
B-27-5B02

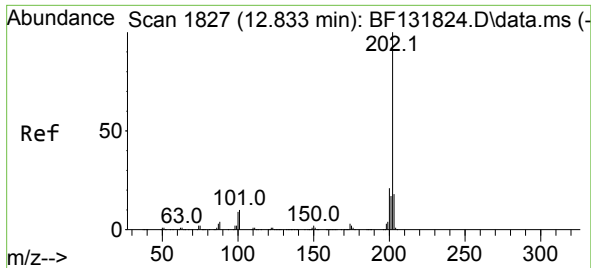
Tgt Ion:202 Resp: 165065
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.6
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

Tgt Ion:240 Resp: 131130
Ion Ratio Lower Upper
240 100
120 8.7 6.7 10.1
236 26.3 20.6 31.0

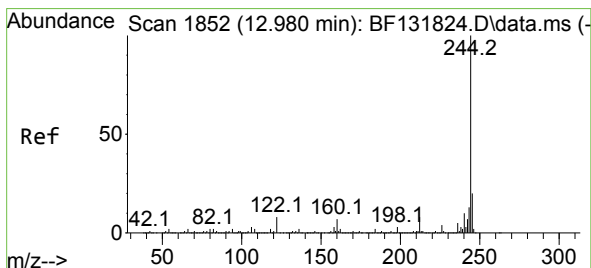
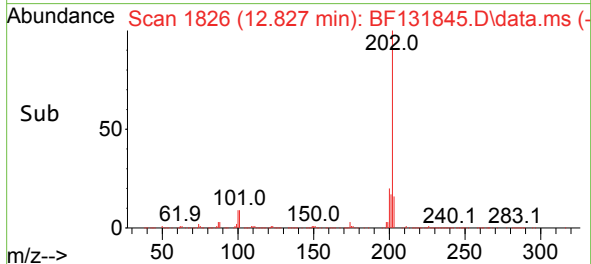
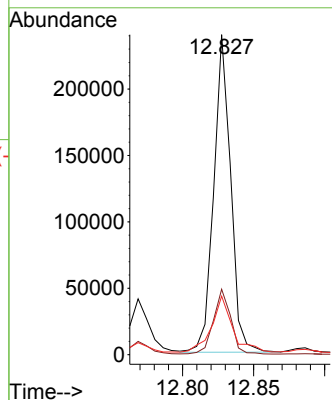
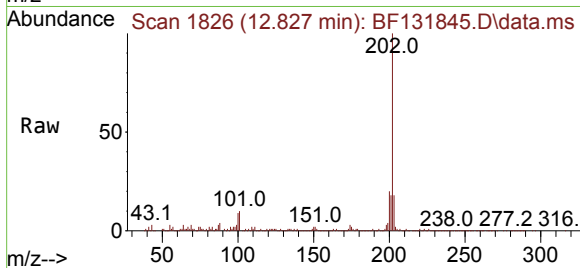




#78
 Pyrene
 Concen: 17.991 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF131845.D
 Acq: 27 Dec 2022 19:32

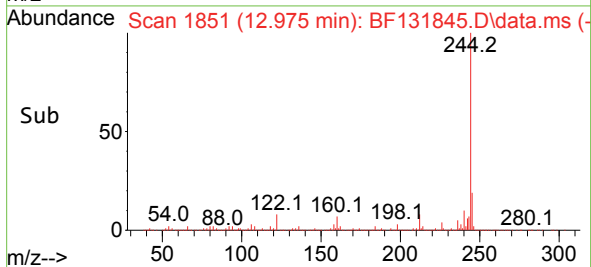
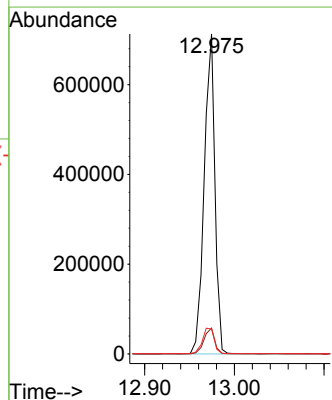
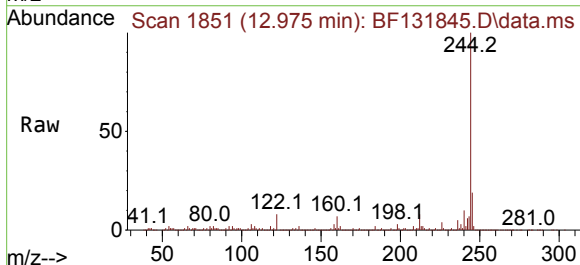
Instrument :
 BNA_F
 ClientSampleId :
 B-27-5B02

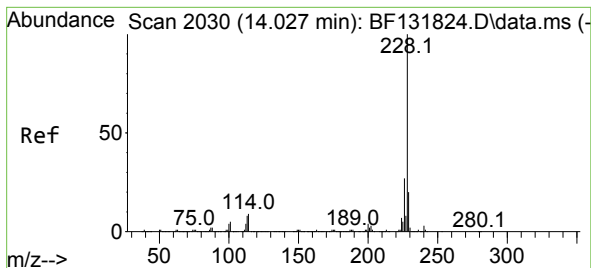
Tgt Ion:202 Resp: 197740
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.7 25.1
 203 18.3 14.4 21.6



#79
 Terphenyl-d14
 Concen: 75.989 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131845.D
 Acq: 27 Dec 2022 19:32

Tgt Ion:244 Resp: 589085
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 7.8 6.4 9.6





#81

Benzo(a)anthracene

Concen: 15.273 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.030 min

Lab File: BF131845.D

Acq: 27 Dec 2022 19:32

Instrument :

BNA_F

ClientSampleId :

B-27-5B02

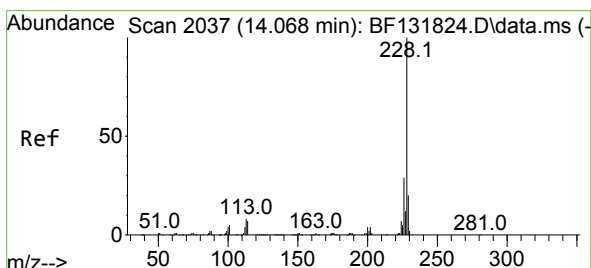
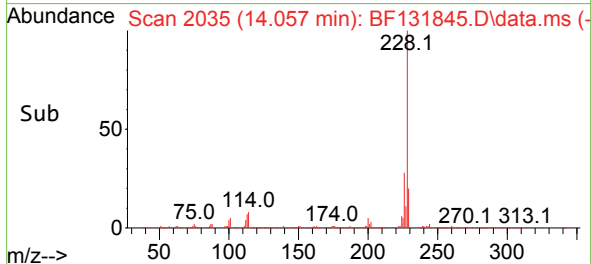
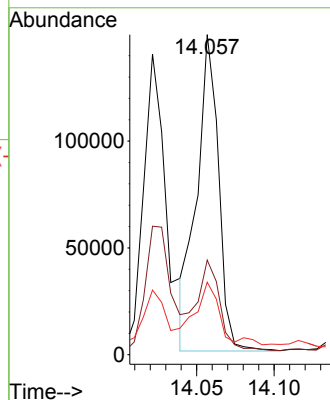
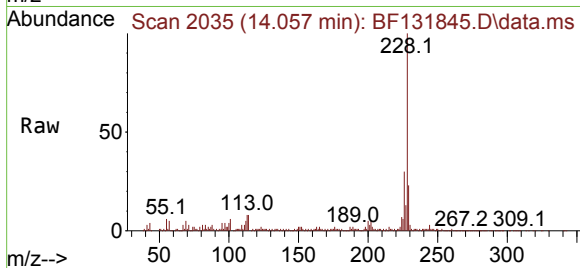
Tgt Ion:228 Resp: 145007

Ion Ratio Lower Upper

228 100

226 29.5 22.0 33.0

229 22.7 16.0 24.0



#83

Chrysene

Concen: 16.253 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF131845.D

Acq: 27 Dec 2022 19:32

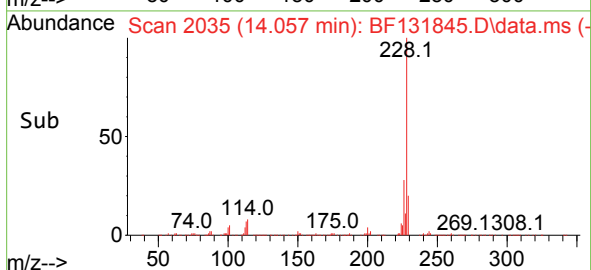
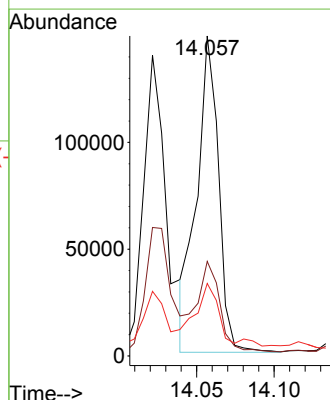
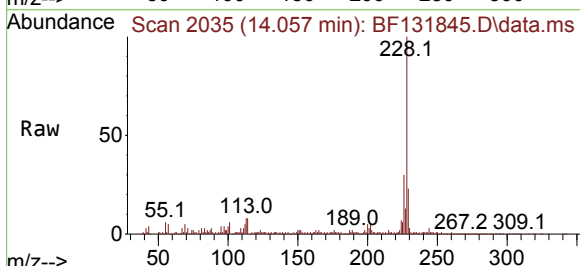
Tgt Ion:228 Resp: 145007

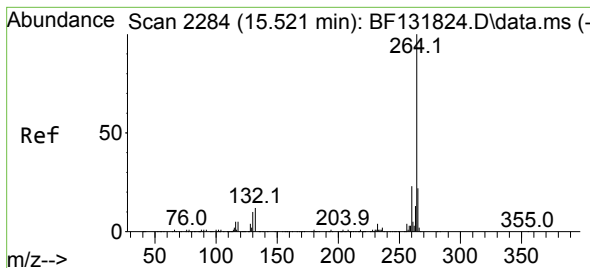
Ion Ratio Lower Upper

228 100

226 29.5 23.5 35.3

229 22.7 16.2 24.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131845.D

Acq: 27 Dec 2022 19:32

Instrument :

BNA_F

ClientSampleId :

B-27-5B02

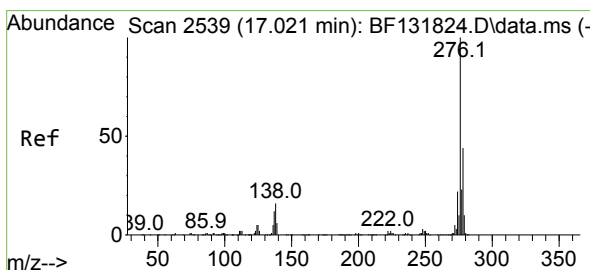
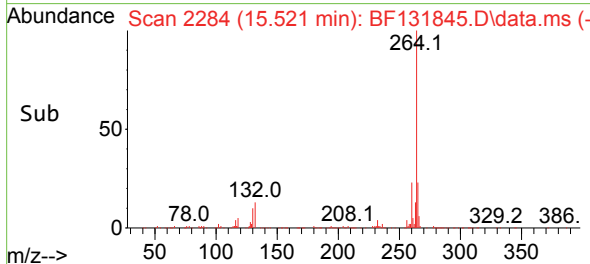
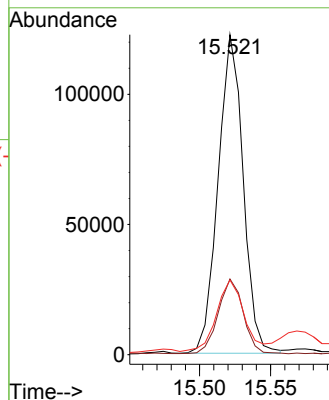
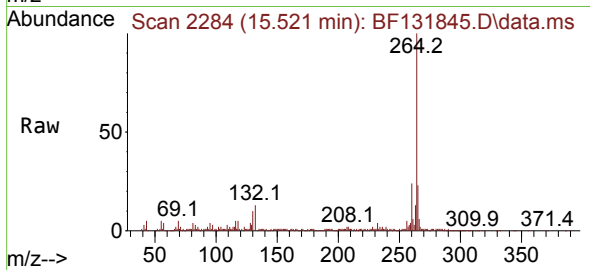
Tgt Ion:264 Resp: 150105

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 23.3 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 10.051 ng

RT: 17.010 min Scan# 2537

Delta R.T. -0.012 min

Lab File: BF131845.D

Acq: 27 Dec 2022 19:32

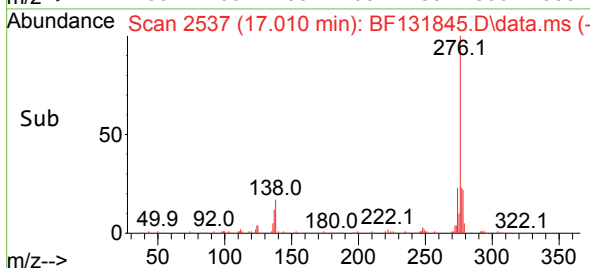
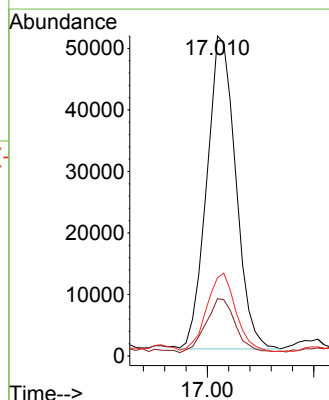
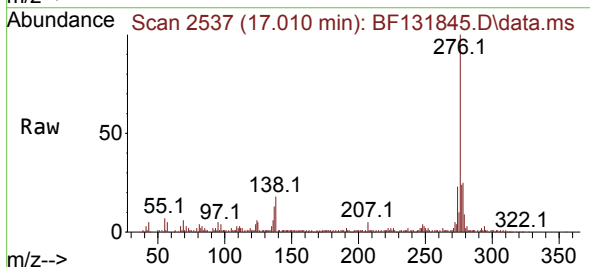
Tgt Ion:276 Resp: 95852

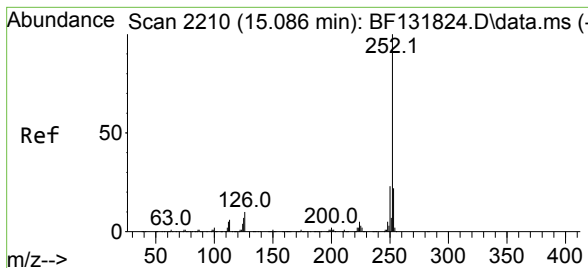
Ion Ratio Lower Upper

276 100

138 17.8 14.5 21.7

277 25.1 19.7 29.5





#88

Benzo(b)fluoranthene

Concen: 21.166 ng

RT: 15.086 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF131845.D

Acq: 27 Dec 2022 19:32

Instrument :

BNA_F

ClientSampleId :

B-27-5B02

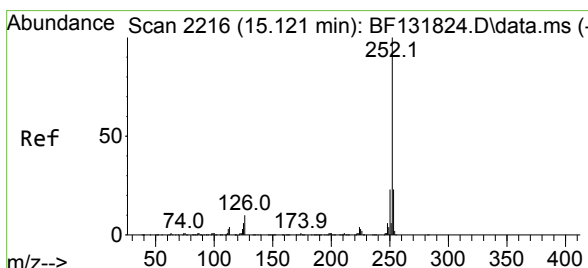
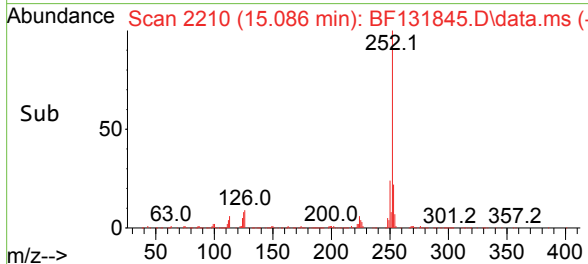
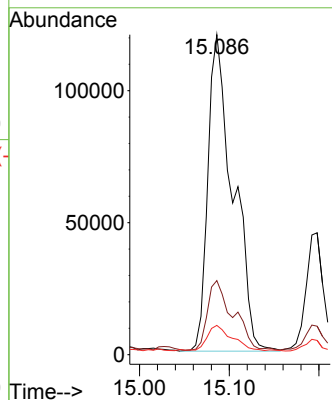
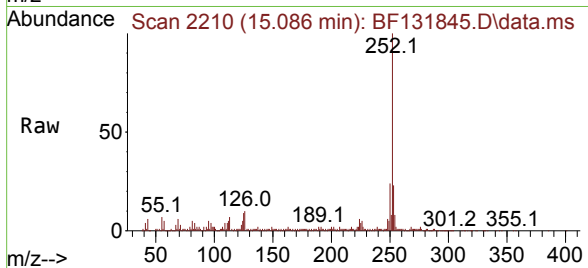
Tgt Ion:252 Resp: 232960

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 9.1 5.8 8.8#



#89

Benzo(k)fluoranthene

Concen: 21.906 ng

RT: 15.086 min Scan# 2210

Delta R.T. -0.035 min

Lab File: BF131845.D

Acq: 27 Dec 2022 19:32

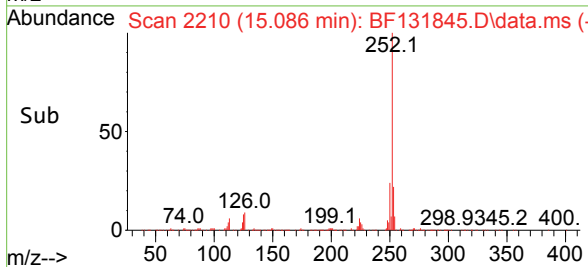
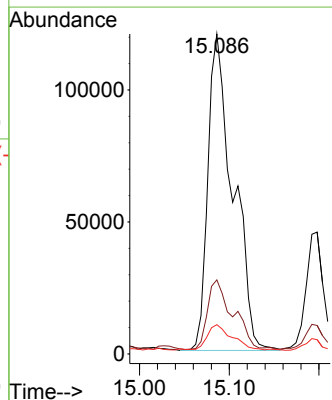
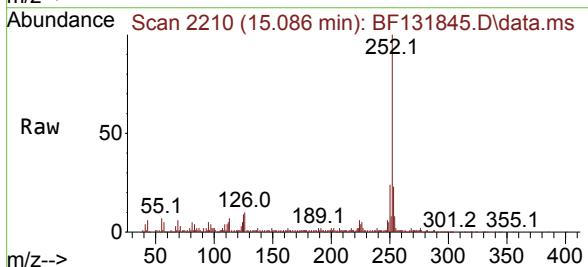
Tgt Ion:252 Resp: 232960

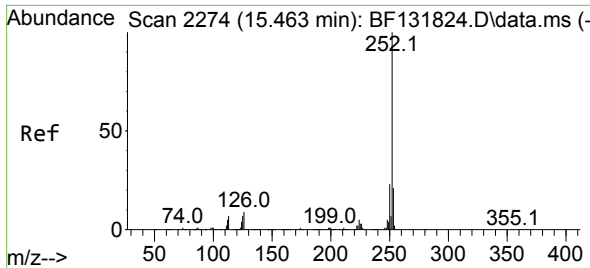
Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 9.1 5.4 8.0#

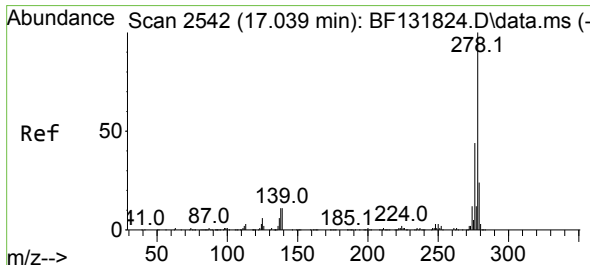
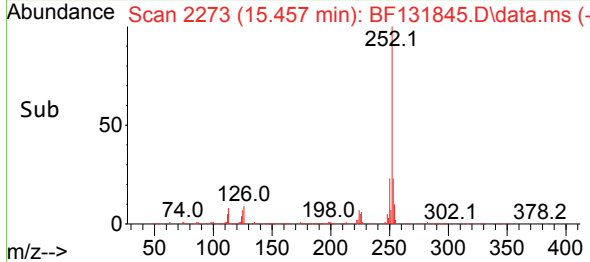
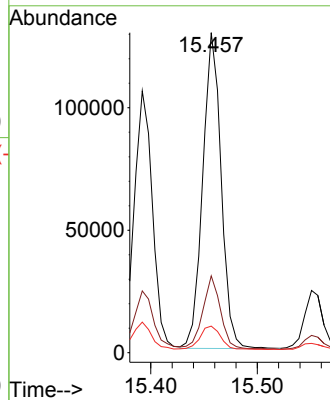
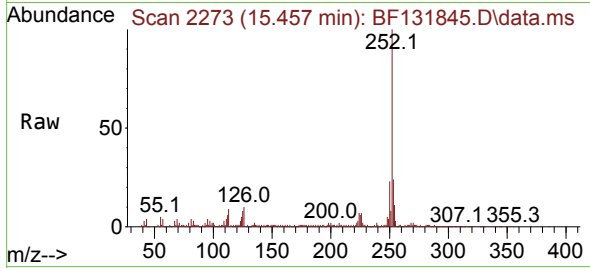




#90
Benzo(a)pyrene
Concen: 18.237 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

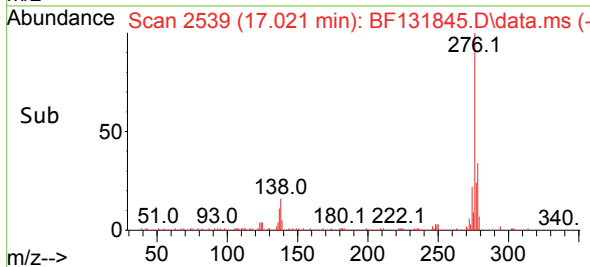
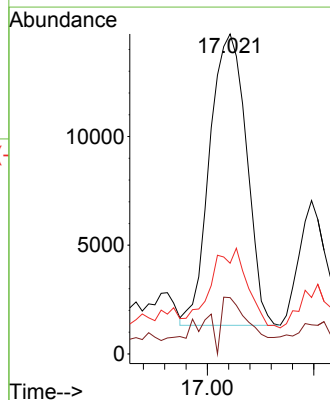
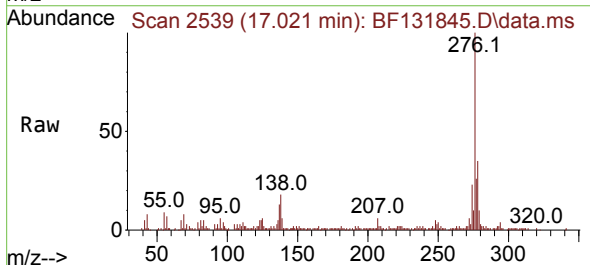
Instrument :
BNA_F
ClientSampleId :
B-27-5B02

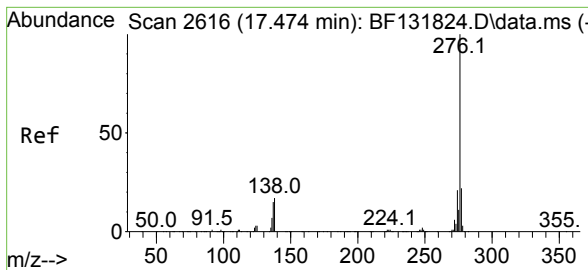
Tgt Ion:252 Resp: 155401
Ion Ratio Lower Upper
252 100
253 24.0 16.6 24.8
125 8.3 5.8 8.8



#91
Dibenzo(a,h)anthracene
Concen: 4.109 ng
RT: 17.021 min Scan# 2539
Delta R.T. -0.018 min
Lab File: BF131845.D
Acq: 27 Dec 2022 19:32

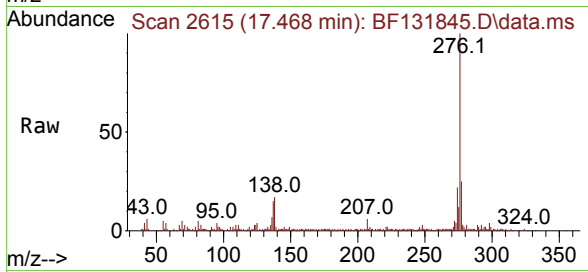
Tgt Ion:278 Resp: 32097
Ion Ratio Lower Upper
278 100
139 17.6 8.6 12.8#
279 28.3 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 14.446 ng
 RT: 17.468 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF131845.D
 Acq: 27 Dec 2022 19:32

Instrument :
 BNA_F
 ClientSampleId :
 B-27-5B02



Tgt Ion:276 Resp: 95418

Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	17.1	13.7	20.5

