

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131849.D
 Acq On : 27 Dec 2022 21:36
 Operator : CG\JU
 Sample : N6202-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UGC-COMP-2

Quant Time: Dec 28 00:42:20 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)

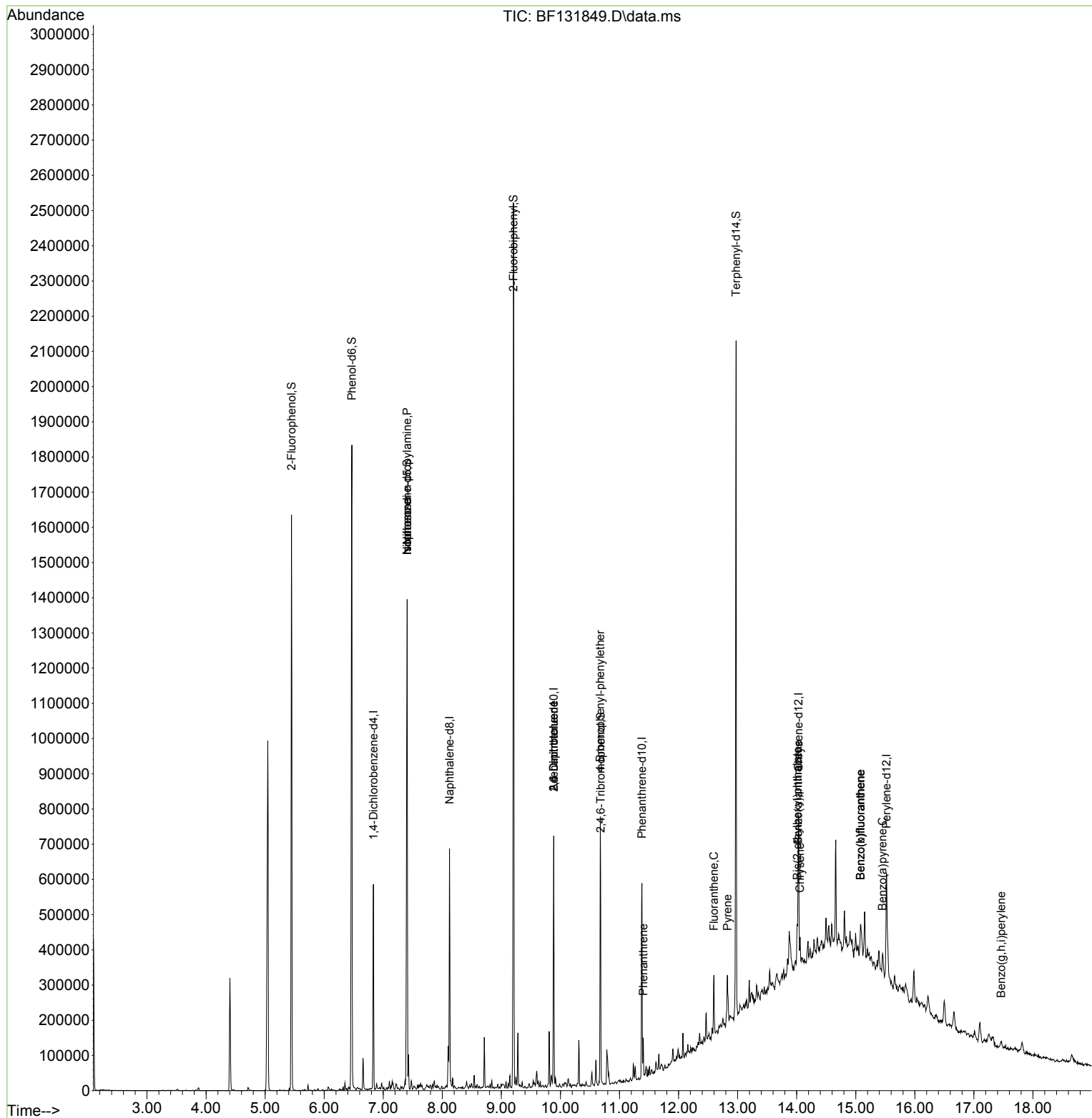
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	72925	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	247589	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	126644	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	196609	20.000	ng	0.00
76) Chrysene-d12	14.033	240	135403	20.000	ng	0.00
86) Perylene-d12	15.521	264	130593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	391979	89.077	ng	0.00
7) Phenol-d6	6.469	99	624273	107.980	ng	0.00
23) Nitrobenzene-d5	7.404	82	469292	75.677	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	76431	55.546	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	782129	84.592	ng	0.00
79) Terphenyl-d14	12.974	244	610229	76.233	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	68320	16.732	ng	# 77
25) Isophorone	7.404	82	467301	46.143	ng	# 69
51) 2,6-Dinitrotoluene	9.886	165	16635	8.020	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	16635	5.865	ng	# 17
67) 4-Bromophenyl-phenylether	10.675	248	5448	2.391	ng	# 1
71) Phenanthrene	11.404	178	39374	3.642	ng	97
75) Fluoranthene	12.598	202	66583	5.287	ng	97
78) Pyrene	12.827	202	57694	5.084	ng	99
81) Benzo(a)anthracene	14.021	228	30047	3.065	ng	92
83) Chrysene	14.057	228	31420	3.411	ng	95
84) Bis(2-ethylhexyl)phtha...	14.010	149	27043	5.276	ng	98
88) Benzo(b)fluoranthene	15.080	252	52730	5.507	ng	# 89
89) Benzo(k)fluoranthene	15.080	252	52730	5.699	ng	# 89
90) Benzo(a)pyrene	15.451	252	25459	3.434	ng	# 81
92) Benzo(g,h,i)perylene	17.462	276	14156	6.816	ng	# 93

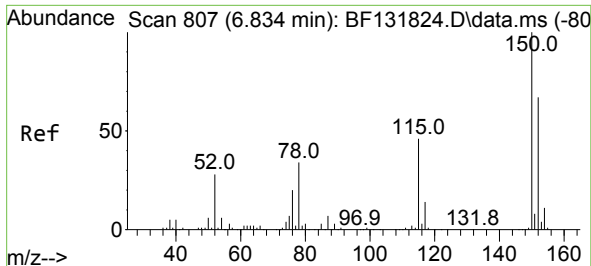
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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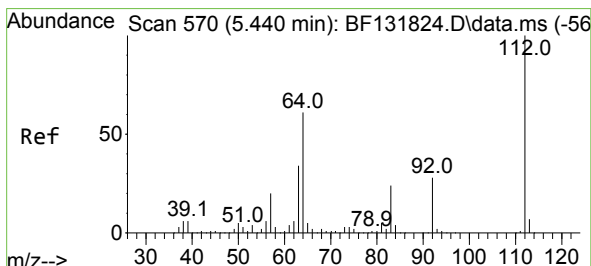
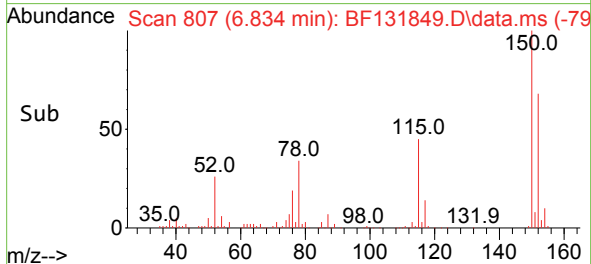
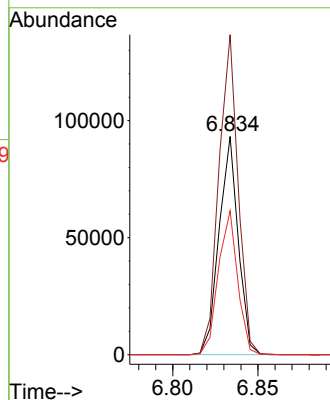
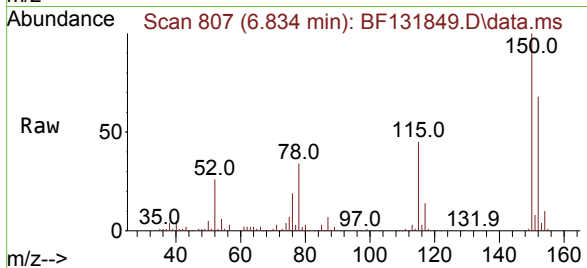




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

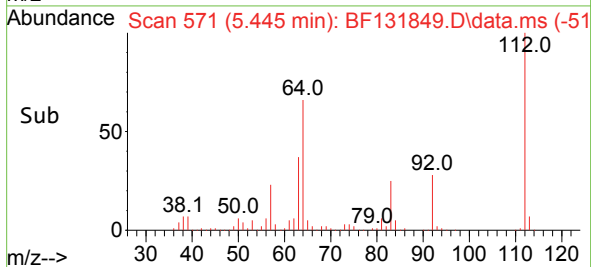
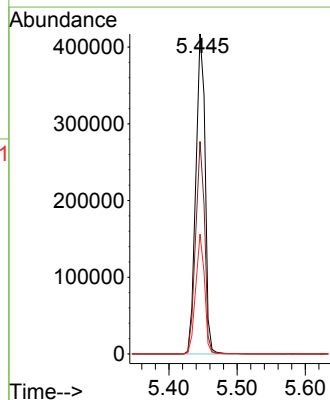
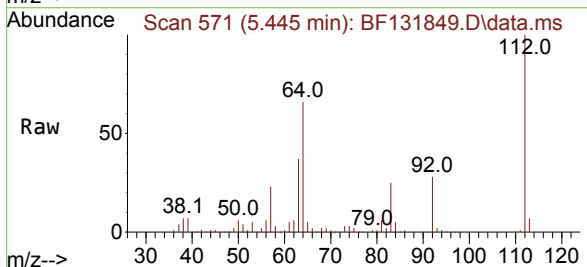
Instrument :
BNA_F
ClientSampleId :
UGC-COMP-2

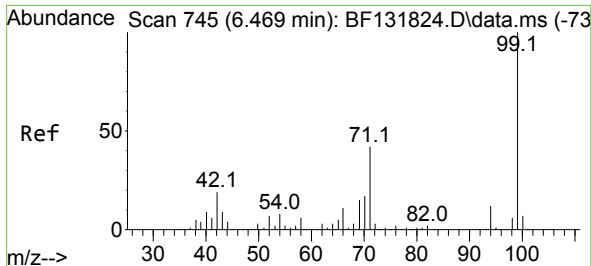
Tgt Ion:152 Resp: 72925
Ion Ratio Lower Upper
152 100
150 146.6 120.0 180.0
115 65.9 55.1 82.7



#5
2-Fluorophenol
Concen: 89.077 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

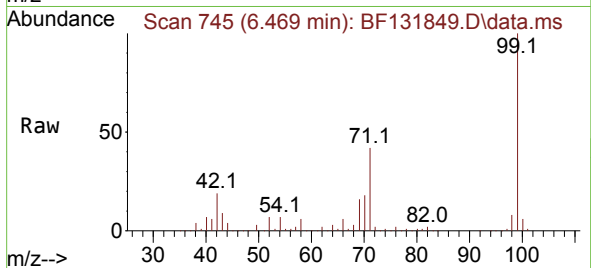
Tgt Ion:112 Resp: 391979
Ion Ratio Lower Upper
112 100
64 66.4 49.2 73.8
63 37.5 27.5 41.3



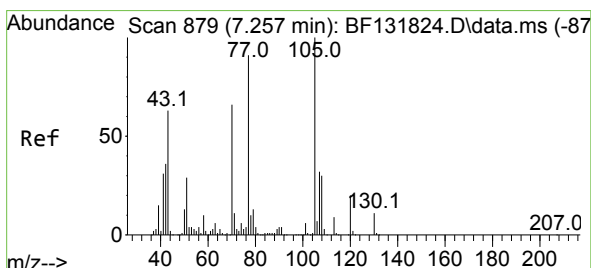
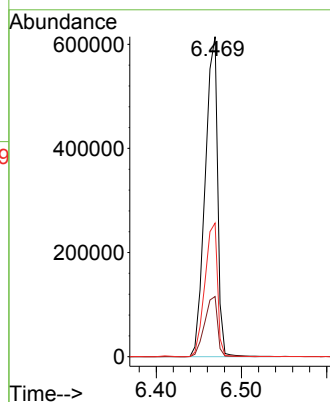
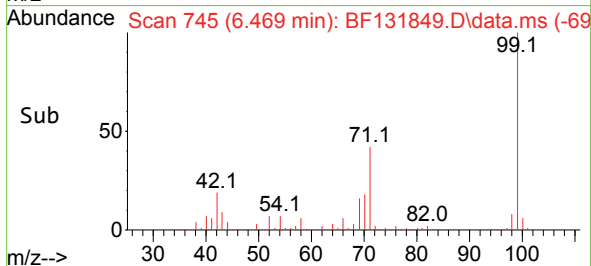


#7
Phenol-d6
Concen: 107.980 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

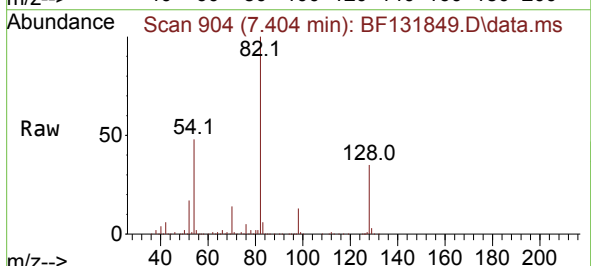
Instrument :
BNA_F
ClientSampleId :
UGC-COMP-2



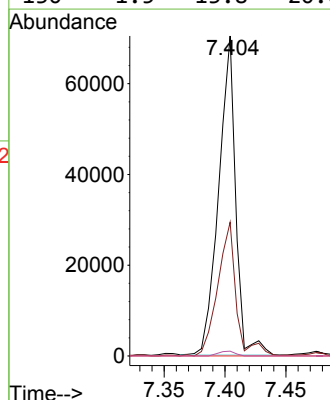
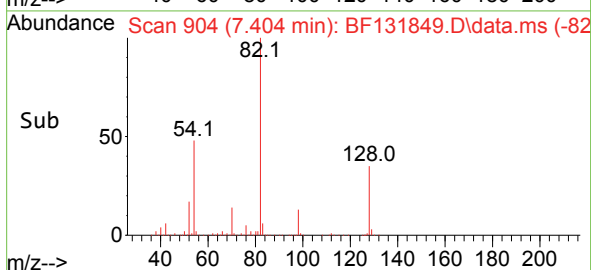
Tgt Ion: 99 Resp: 624273
Ion Ratio Lower Upper
99 100
42 18.8 15.3 22.9
71 41.8 33.5 50.3

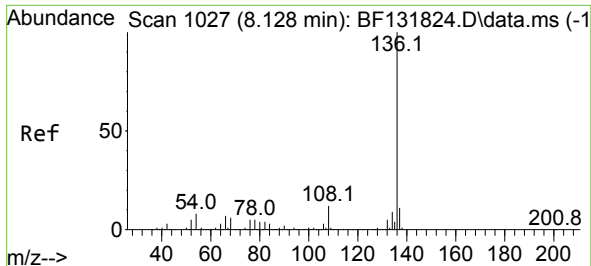


#19
n-Nitroso-di-n-propylamine
Concen: 16.732 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36



Tgt Ion: 70 Resp: 68320
Ion Ratio Lower Upper
70 100
42 41.8 43.8 65.6#
101 0.0 7.4 11.0#
130 1.5 13.8 20.6#



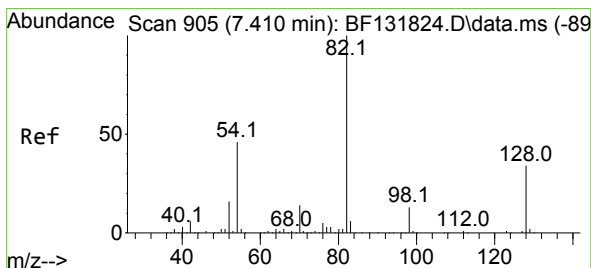
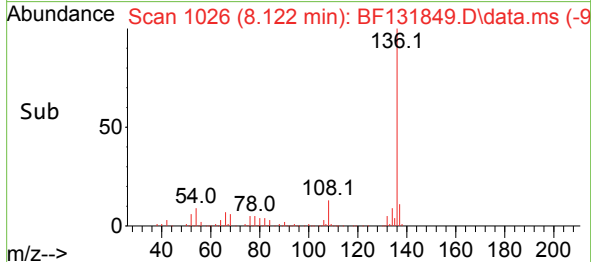
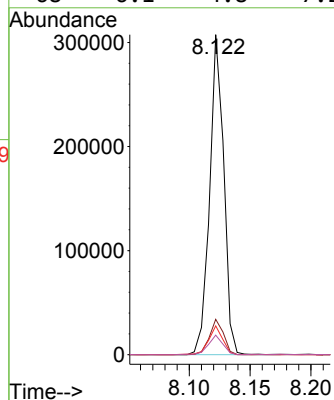
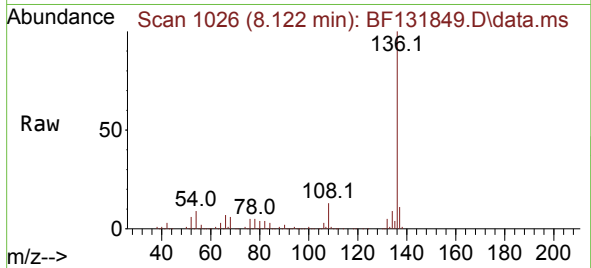


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

Instrument :
BNA_F
ClientSampleId :
UGC-COMP-2

Tgt Ion:136 Resp: 247589

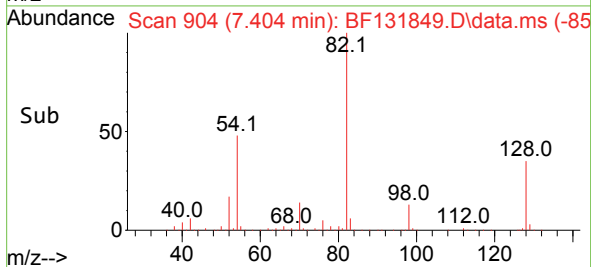
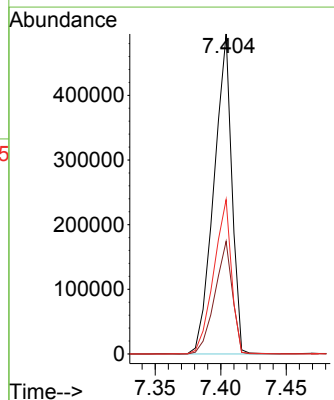
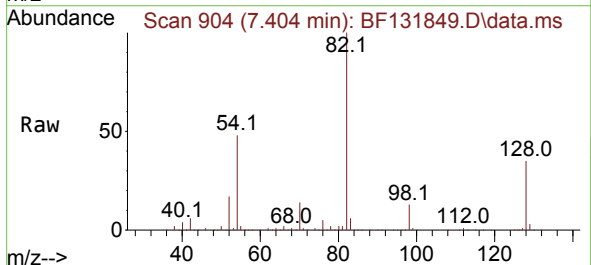
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.0	6.7	10.1
68	6.1	4.8	7.2

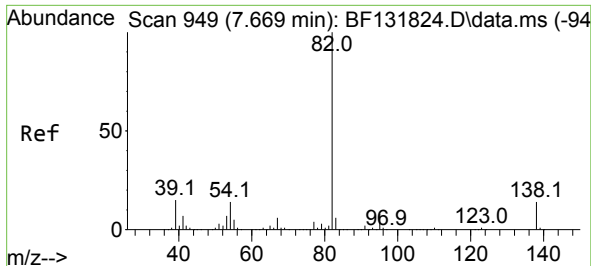


#23
Nitrobenzene-d5
Concen: 75.677 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

Tgt Ion: 82 Resp: 469292

Ion	Ratio	Lower	Upper
82	100		
128	35.2	27.1	40.7
54	48.3	37.0	55.6

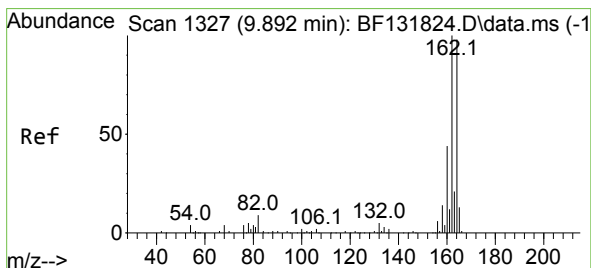
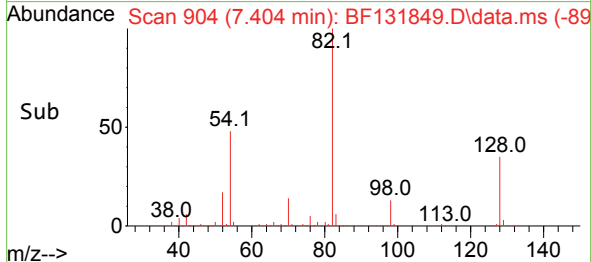
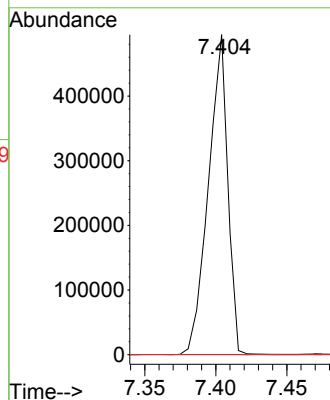
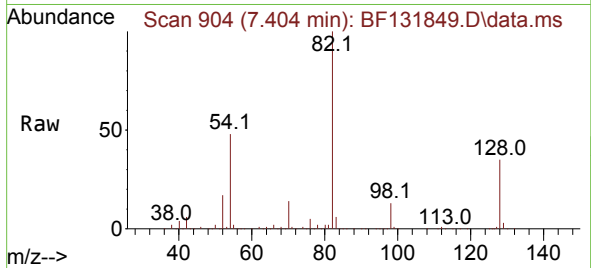




#25
Isophorone
Concen: 46.143 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

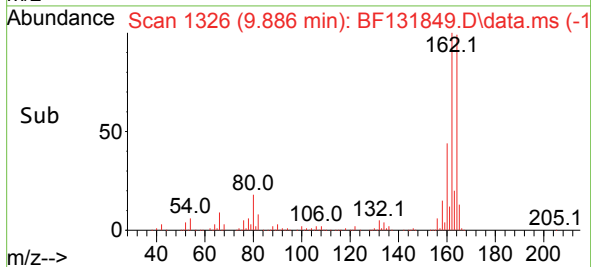
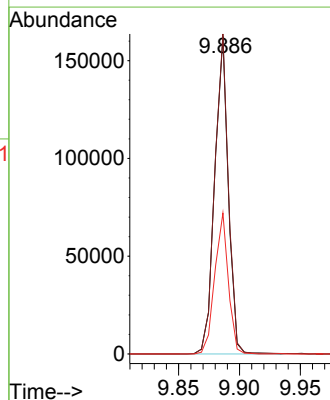
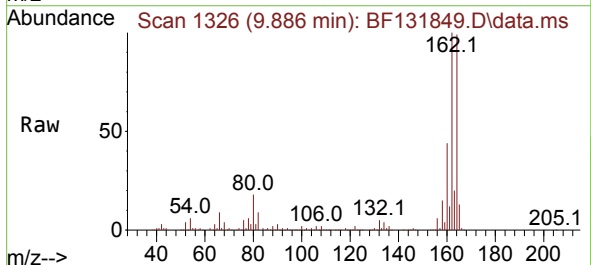
Instrument :
BNA_F
ClientSampleId :
UGC-COMP-2

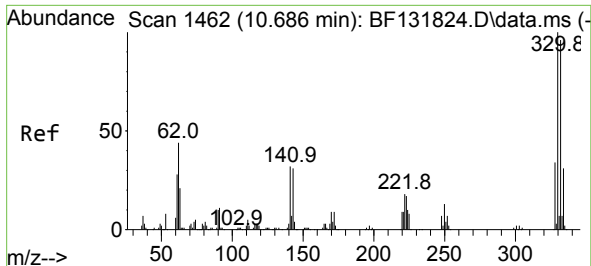
Tgt Ion: 82 Resp: 467301
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

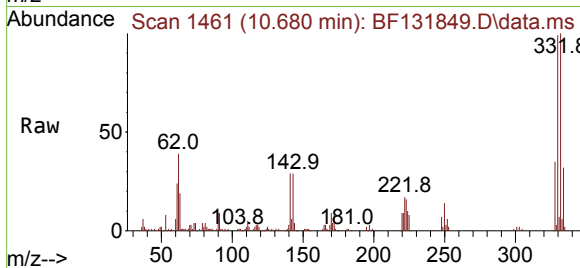
Tgt Ion:164 Resp: 126644
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.6
160 44.4 35.7 53.5



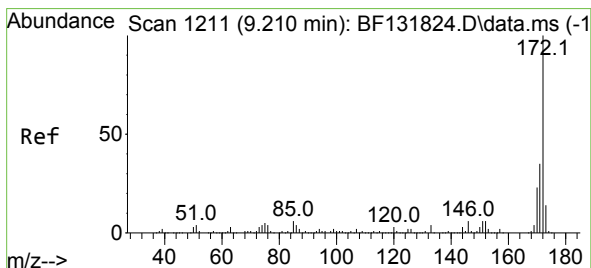
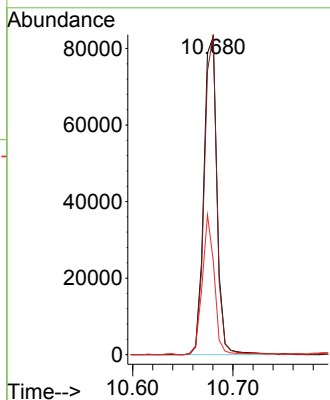
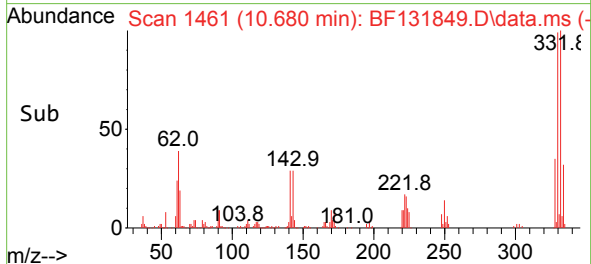


#42
 2,4,6-Tribromophenol
 Concen: 55.546 ng
 RT: 10.680 min Scan# 1461
 Delta R.T. -0.006 min
 Lab File: BF131849.D
 Acq: 27 Dec 2022 21:36

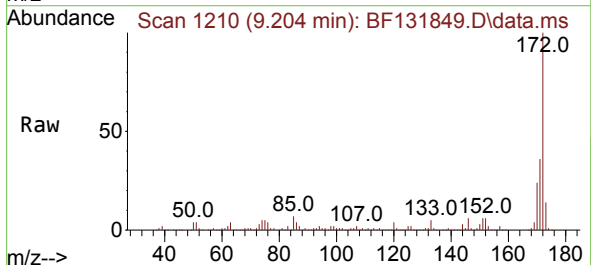
Instrument :
 BNA_F
 ClientSampleId :
 UGC-COMP-2



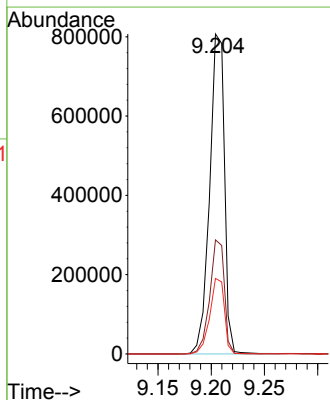
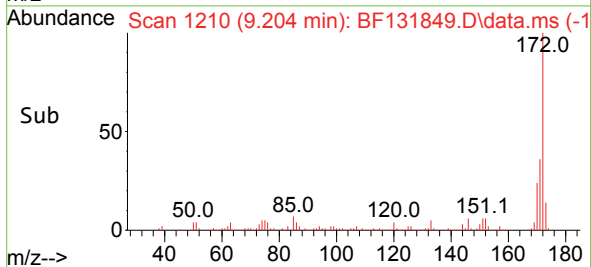
Tgt Ion:330 Resp: 76431
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.4
 141 40.6 31.0 46.4

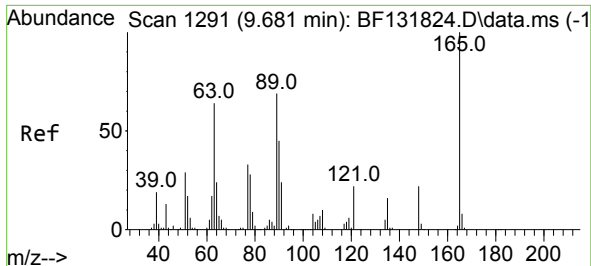


#45
 2-Fluorobiphenyl
 Concen: 84.592 ng
 RT: 9.204 min Scan# 1210
 Delta R.T. -0.006 min
 Lab File: BF131849.D
 Acq: 27 Dec 2022 21:36



Tgt Ion:172 Resp: 782129
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.9 41.9
 170 23.6 18.7 28.1

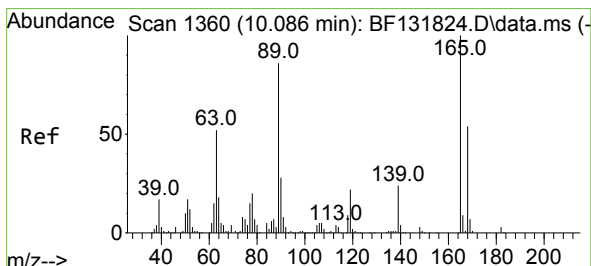
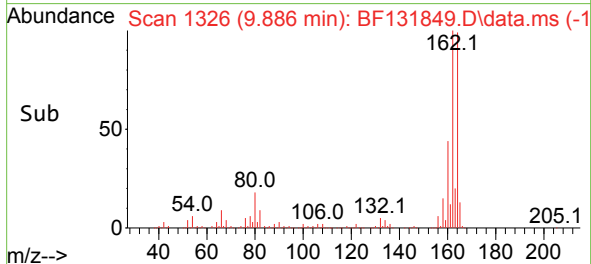
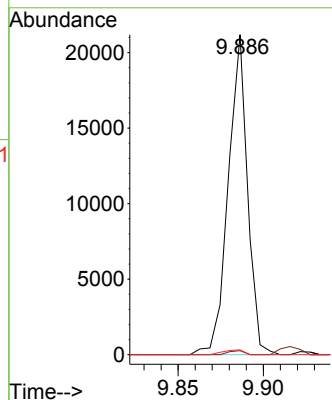
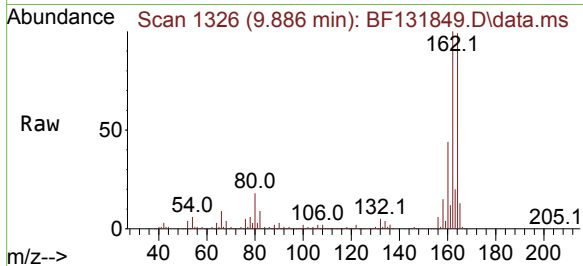




#51
2,6-Dinitrotoluene
Concen: 8.020 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

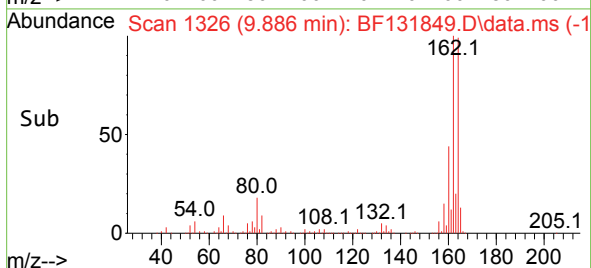
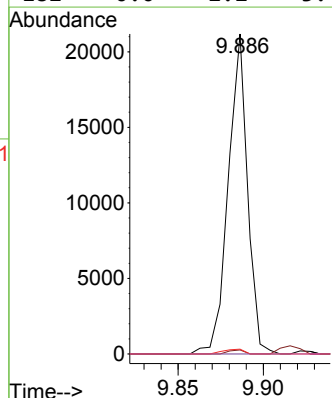
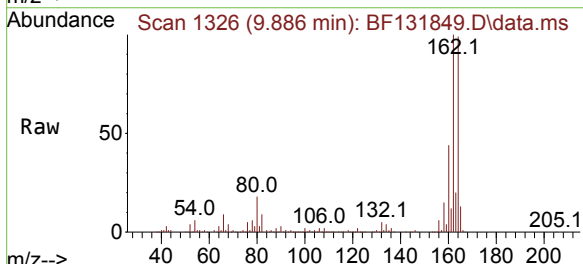
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BNA_F
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UGC-COMP-2

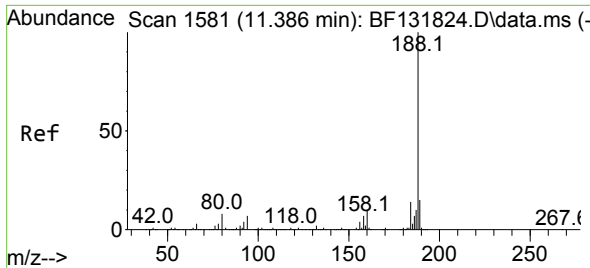
Tgt Ion:165 Resp: 16635
Ion Ratio Lower Upper
165 100
63 1.2 55.1 82.7#
89 1.5 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.865 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

Tgt Ion:165 Resp: 16635
Ion Ratio Lower Upper
165 100
63 1.2 42.1 63.1#
89 1.5 69.1 103.7#
182 0.0 2.2 3.4#

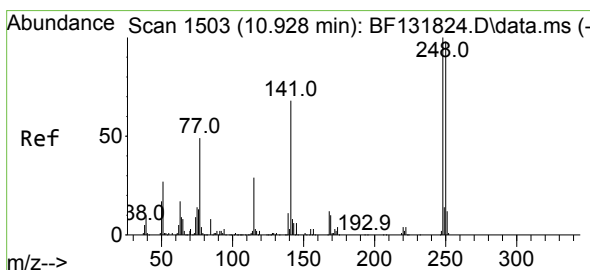
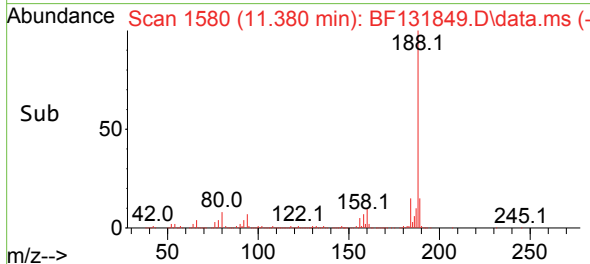
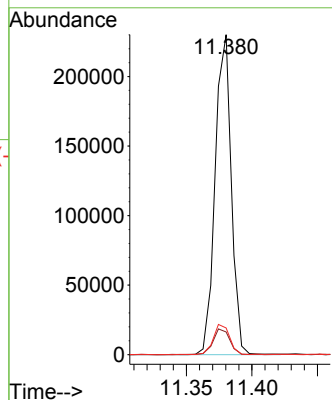
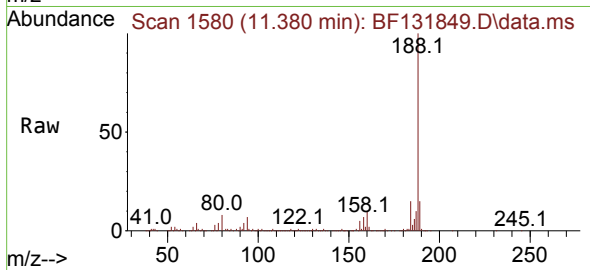




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

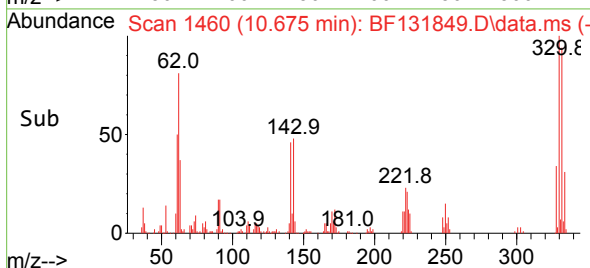
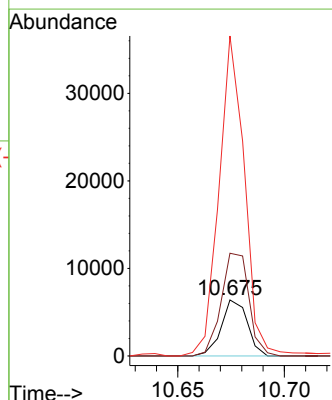
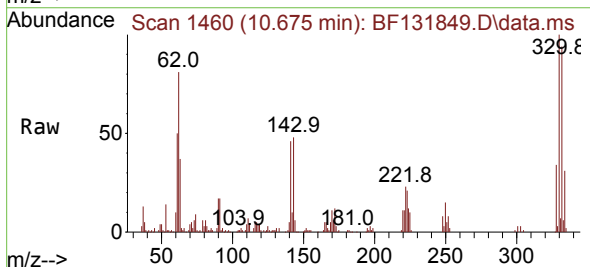
Instrument :
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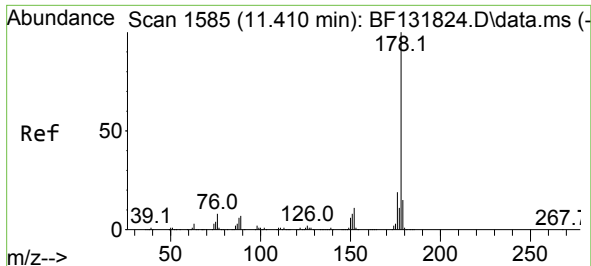
Tgt Ion:188 Resp: 196609
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 8.4 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 2.391 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.253 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

Tgt Ion:248 Resp: 5448
Ion Ratio Lower Upper
248 100
250 183.5 78.0 117.0#
141 571.4 54.8 82.2#

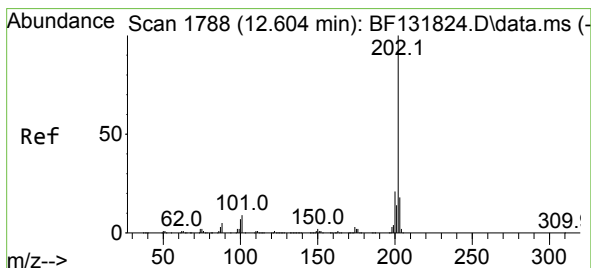
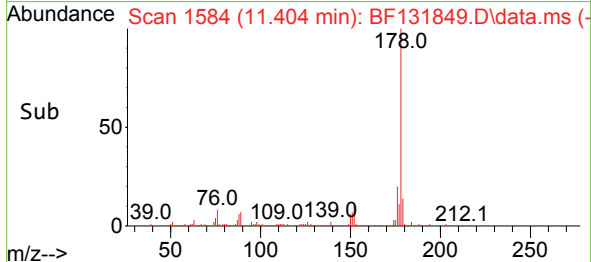
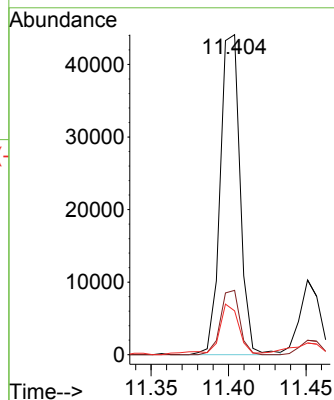
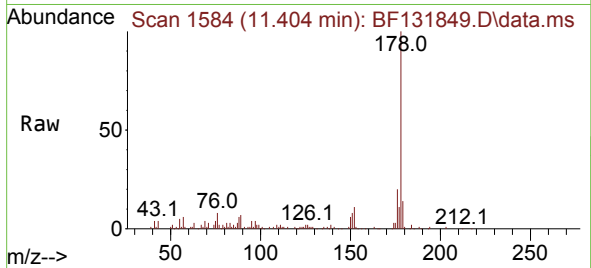




#71
Phenanthrene
Concen: 3.642 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

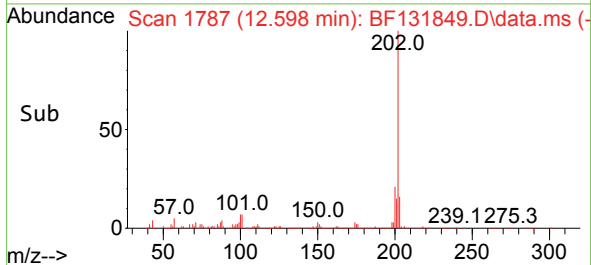
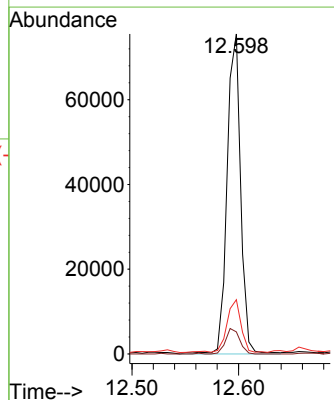
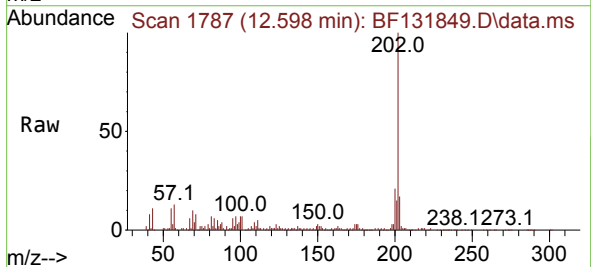
Instrument :
BNA_F
ClientSampleId :
UGC-COMP-2

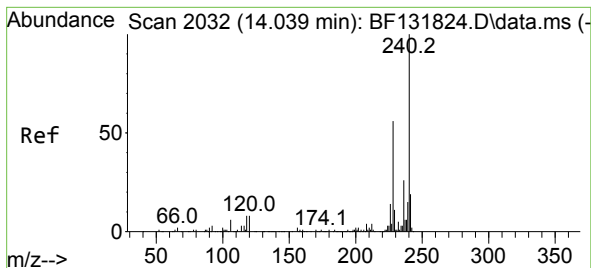
Tgt Ion:178 Resp: 39374
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 13.7 12.2 18.4



#75
Fluoranthene
Concen: 5.287 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

Tgt Ion:202 Resp: 66583
Ion Ratio Lower Upper
202 100
101 6.9 0.0 28.6
203 17.0 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF131849.D

Acq: 27 Dec 2022 21:36

Instrument :

BNA_F

ClientSampleId :

UGC-COMP-2

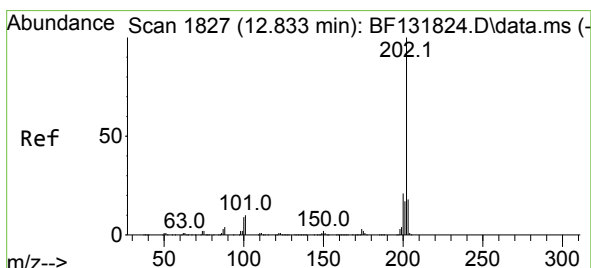
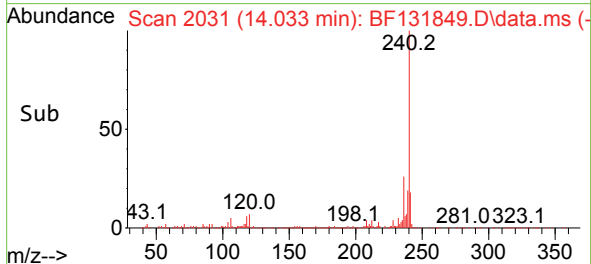
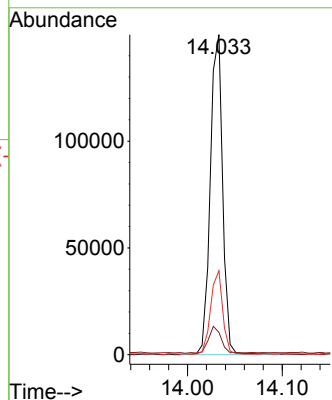
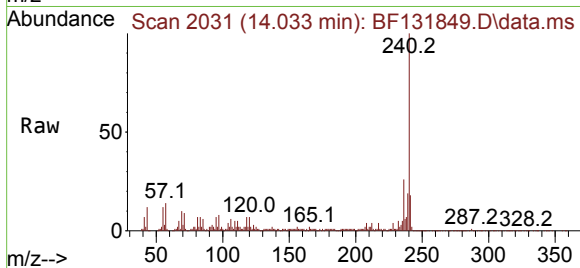
Tgt Ion:240 Resp: 135403

Ion Ratio Lower Upper

240 100

120 7.0 6.7 10.1

236 26.3 20.6 31.0



#78

Pyrene

Concen: 5.084 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF131849.D

Acq: 27 Dec 2022 21:36

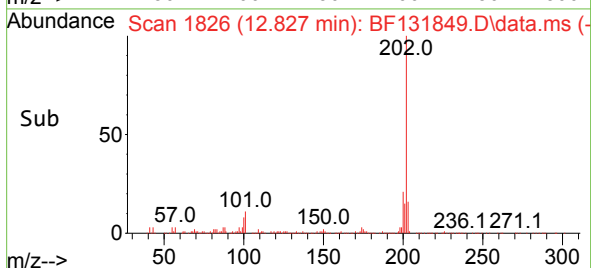
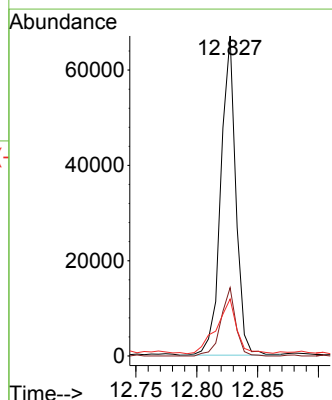
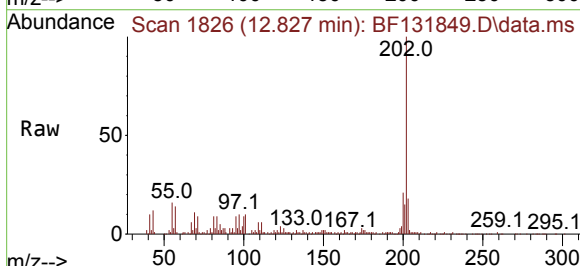
Tgt Ion:202 Resp: 57694

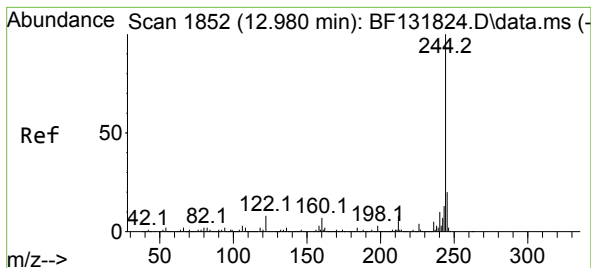
Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 76.233 ng

RT: 12.974 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131849.D

Acq: 27 Dec 2022 21:36

Instrument :

BNA_F

ClientSampleId :

UGC-COMP-2

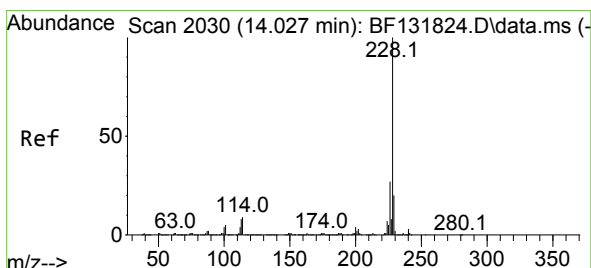
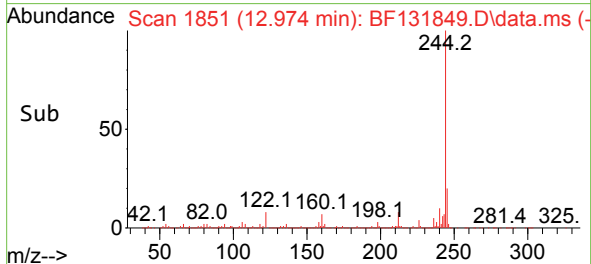
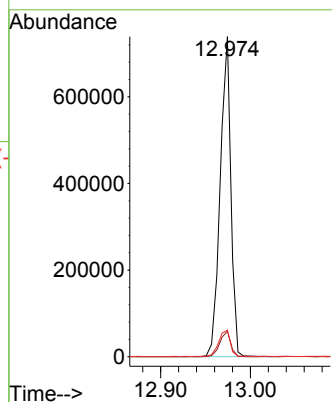
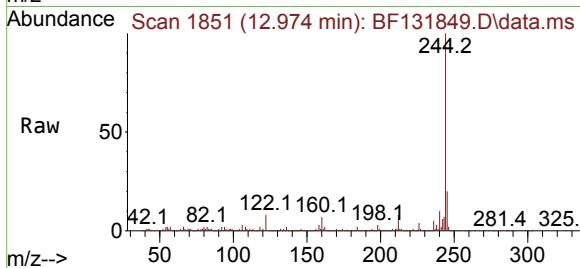
Tgt Ion:244 Resp: 610229

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 8.3 6.4 9.6



#81

Benzo(a)anthracene

Concen: 3.065 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF131849.D

Acq: 27 Dec 2022 21:36

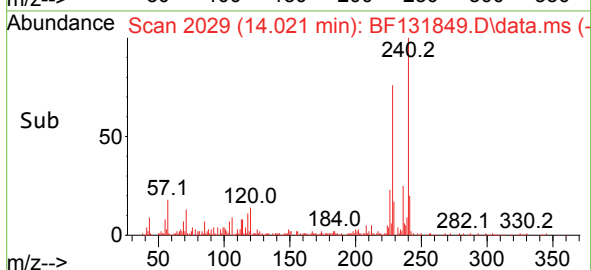
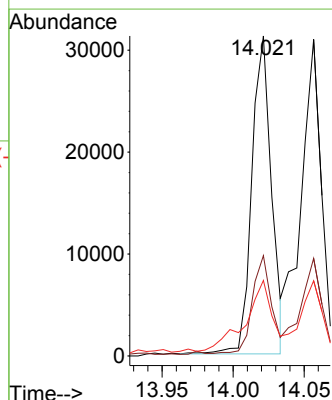
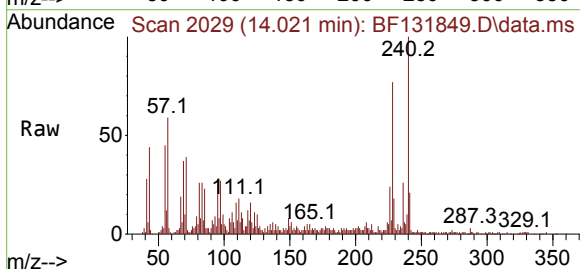
Tgt Ion:228 Resp: 30047

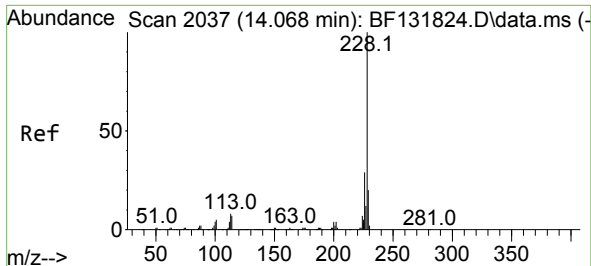
Ion Ratio Lower Upper

228 100

226 31.3 22.0 33.0

229 23.6 16.0 24.0

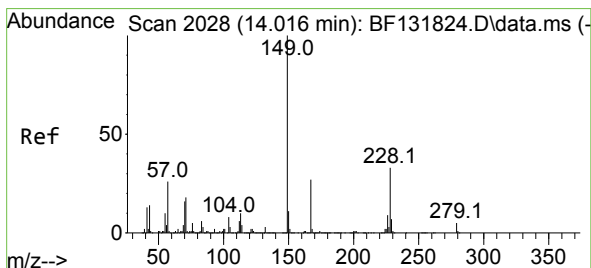
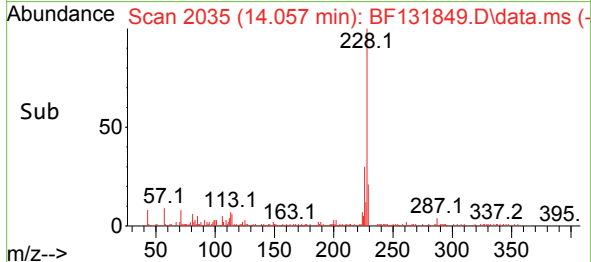
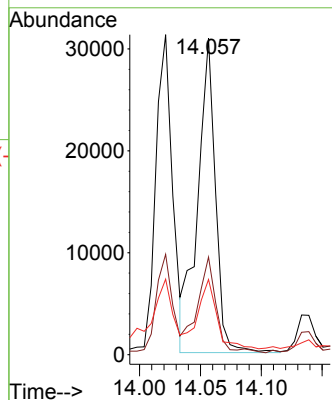
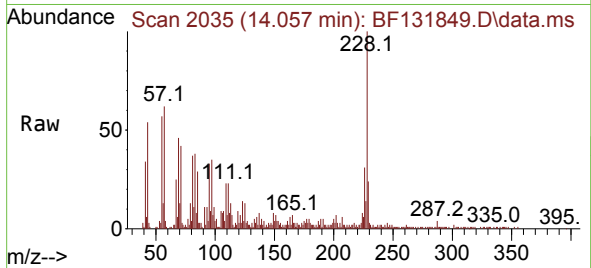




#83
Chrysene
Concen: 3.411 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

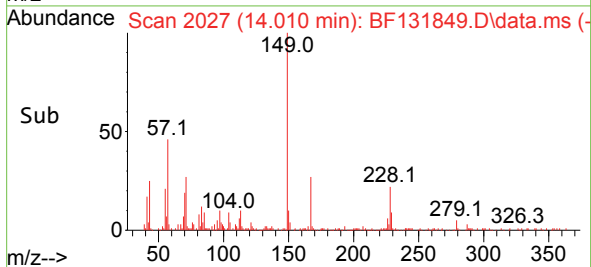
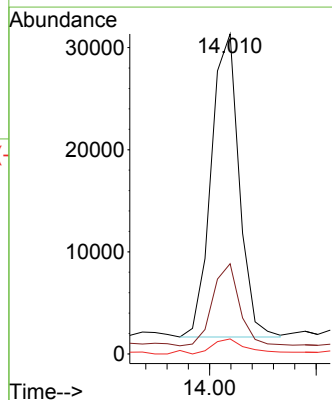
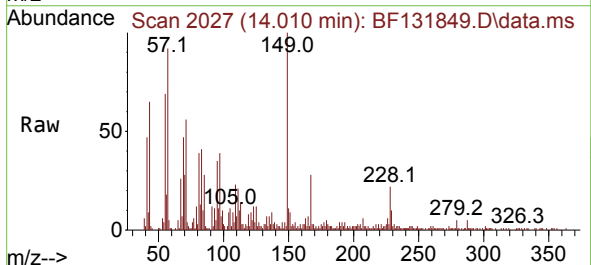
Instrument :
BNA_F
ClientSampleId :
UGC-COMP-2

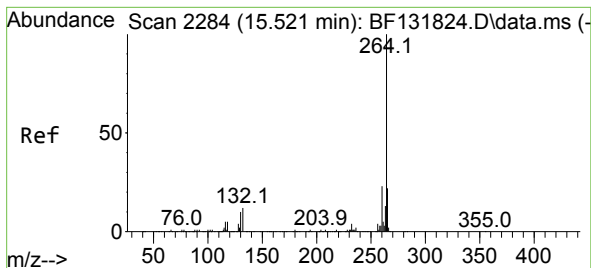
Tgt Ion:228 Resp: 31420
Ion Ratio Lower Upper
228 100
226 30.8 23.5 35.3
229 23.7 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.276 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131849.D
Acq: 27 Dec 2022 21:36

Tgt Ion:149 Resp: 27043
Ion Ratio Lower Upper
149 100
167 28.2 21.8 32.6
279 4.7 3.9 5.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131849.D

Acq: 27 Dec 2022 21:36

Instrument :

BNA_F

ClientSampleId :

UGC-COMP-2

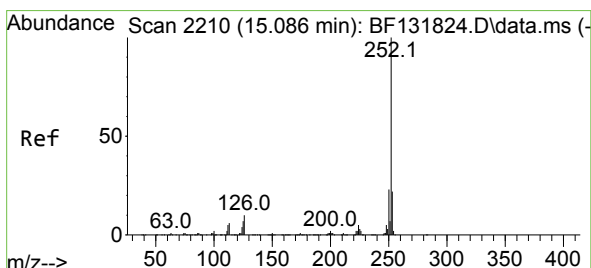
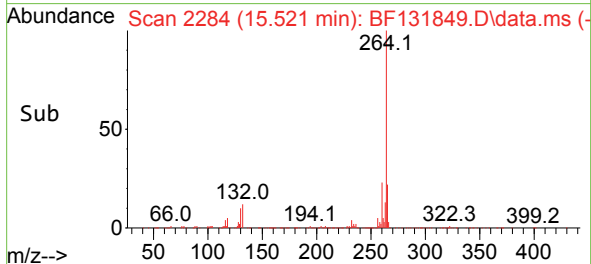
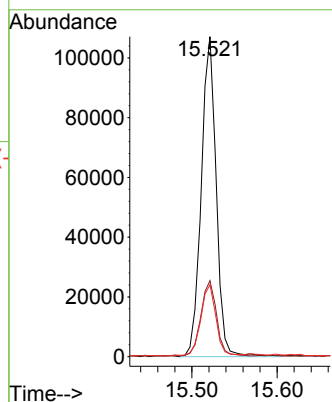
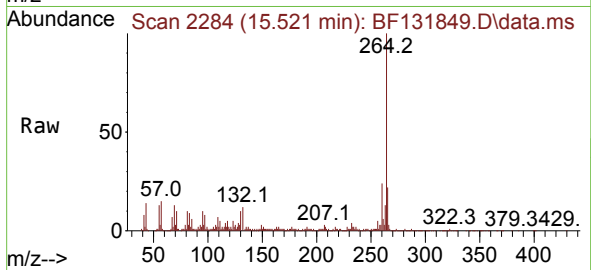
Tgt Ion:264 Resp: 130593

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.5 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 5.507 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BF131849.D

Acq: 27 Dec 2022 21:36

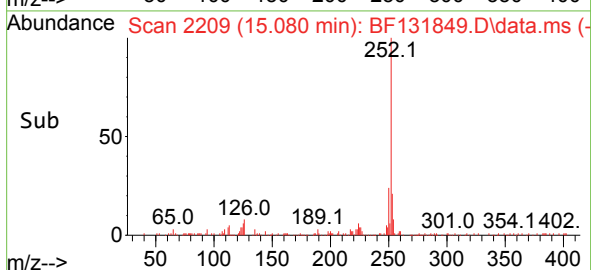
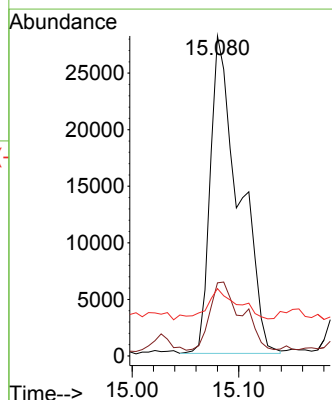
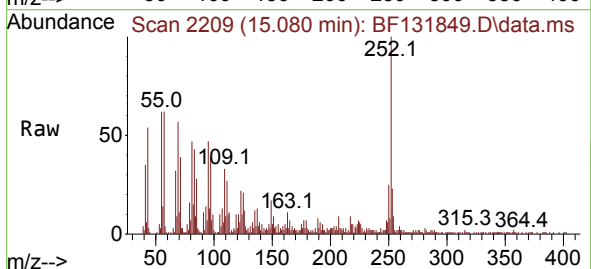
Tgt Ion:252 Resp: 52730

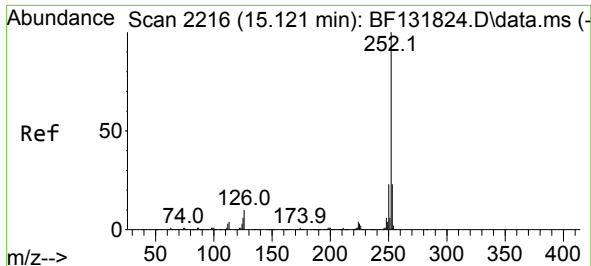
Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 21.0 5.8 8.8#





#89

Benzo(k)fluoranthene

Concen: 5.699 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF131849.D

Acq: 27 Dec 2022 21:36

Instrument :

BNA_F

ClientSampleId :

UGC-COMP-2

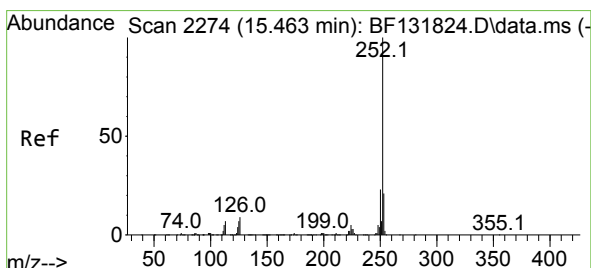
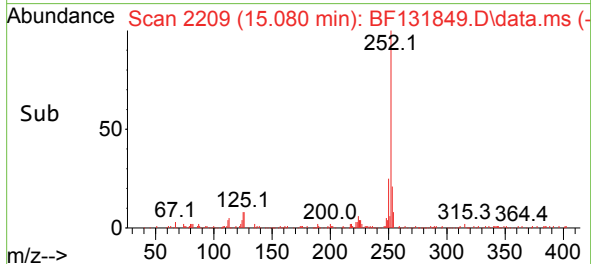
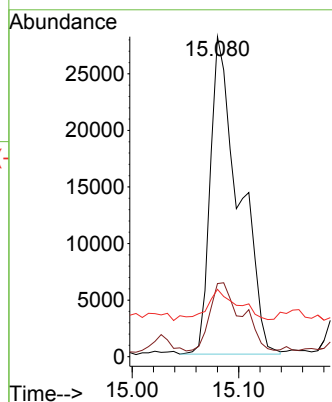
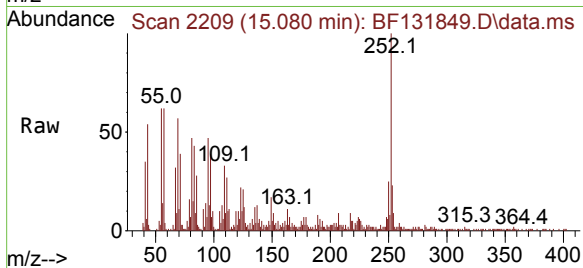
Tgt Ion:252 Resp: 52730

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 21.0 5.4 8.0#



#90

Benzo(a)pyrene

Concen: 3.434 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF131849.D

Acq: 27 Dec 2022 21:36

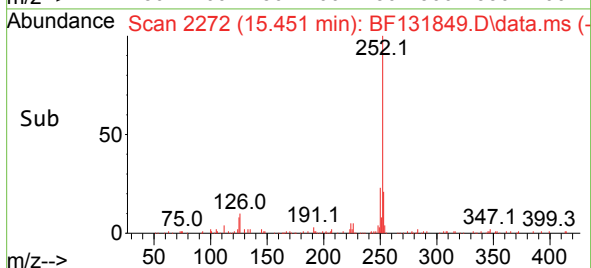
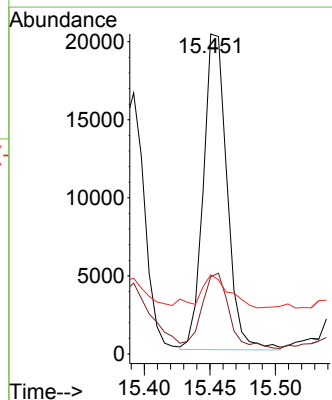
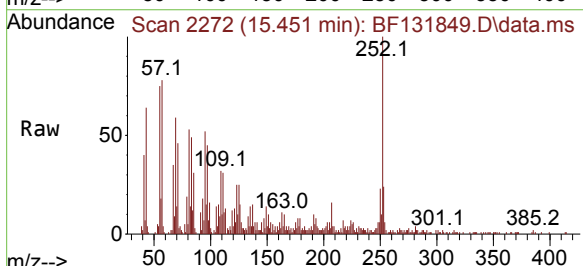
Tgt Ion:252 Resp: 25459

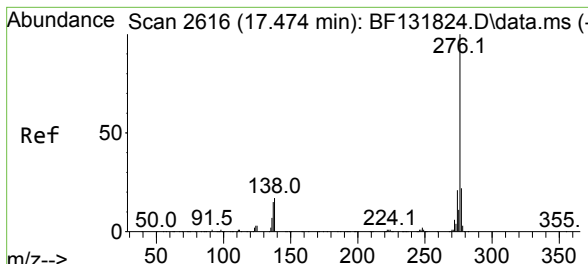
Ion Ratio Lower Upper

252 100

253 24.1 16.6 24.8

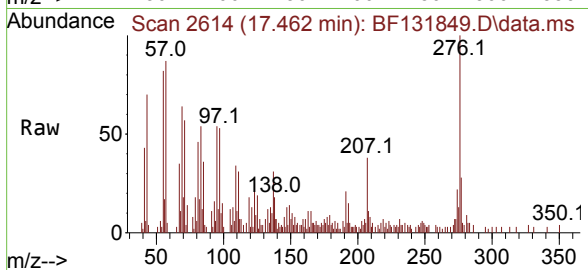
125 24.8 5.8 8.8#





#92
 Benzo(g,h,i)perylene
 Concen: 6.816 ng
 RT: 17.462 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF131849.D
 Acq: 27 Dec 2022 21:36

Instrument :
 BNA_F
 ClientSampleId :
 UGC-COMP-2



Tgt Ion:	276	Resp:	14156
Ion Ratio	Lower	Upper	
276	100		
277	27.9	17.9	26.9#
138	17.5	13.7	20.5

