

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
 Data File : BF130884.D
 Acq On : 31 Oct 2022 17:42
 Operator : CG\JU
 Sample : N5329-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-594

Quant Time: Nov 01 02:29:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

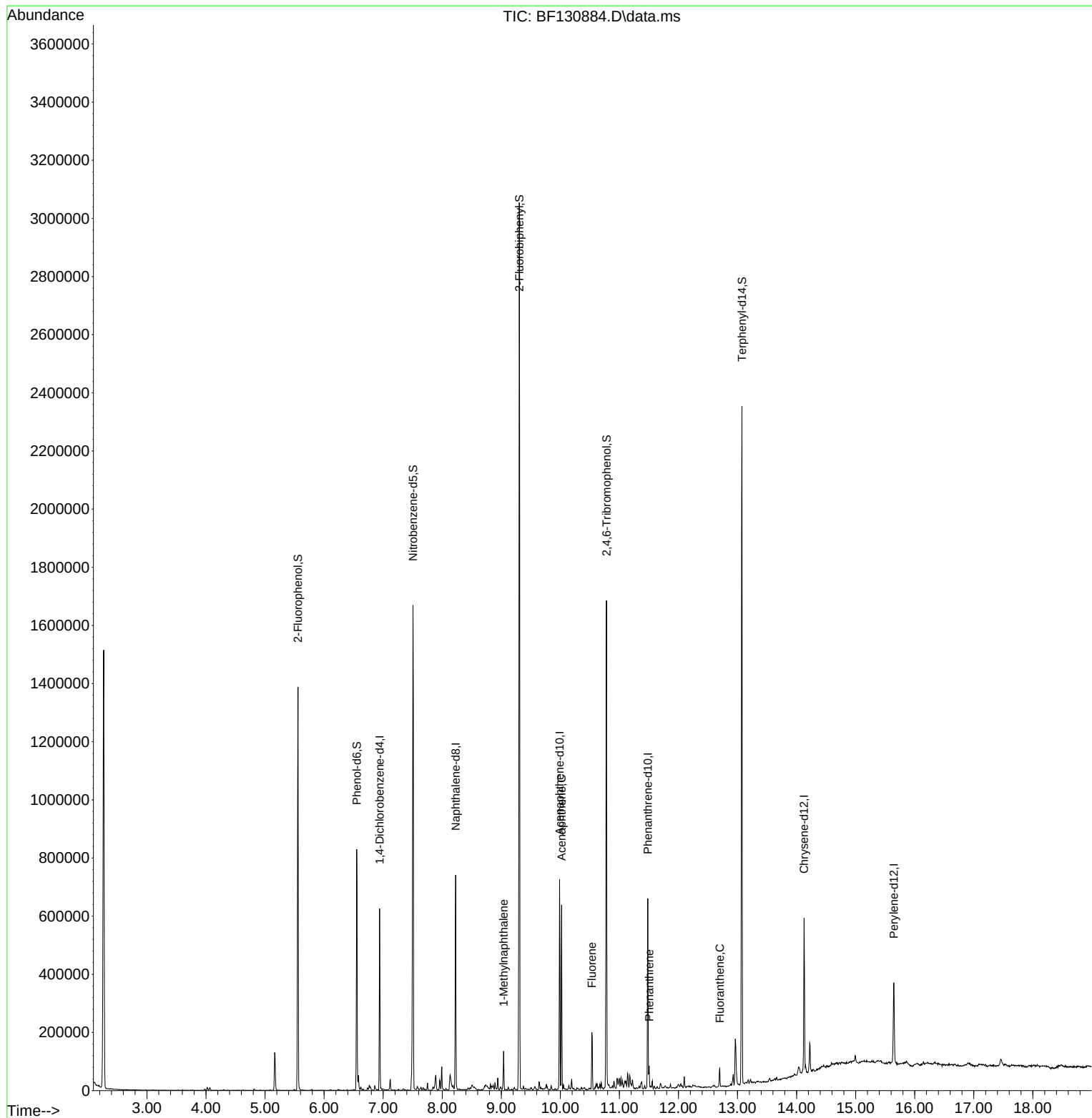
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	78111	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	280931	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	131280	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	206714	20.000	ng	0.00
76) Chrysene-d12	14.127	240	159910	20.000	ng	0.00
86) Perylene-d12	15.645	264	124363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	307226	68.186	ng	0.00
7) Phenol-d6	6.551	99	236823	40.447	ng	-0.01
23) Nitrobenzene-d5	7.504	82	547179	117.446	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	172841	156.401	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	903225	104.020	ng	0.00
79) Terphenyl-d14	13.074	244	780815	89.476	ng	0.00
Target Compounds						
						Qvalue
38) 1-Methylnaphthalene	9.039	142	27367	3.050	ng	97
52) Acenaphthene	10.022	154	119044	16.244	ng	99
58) Fluorene	10.533	166	50899	6.085	ng	98
71) Phenanthrene	11.504	178	23341	2.188	ng	98
75) Fluoranthene	12.698	202	27010	2.383	ng	98

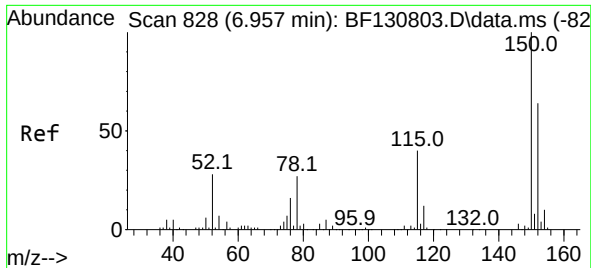
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
Data File : BF130884.D
Acq On : 31 Oct 2022 17:42
Operator : CG\JU
Sample : N5329-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CBH-594

Quant Time: Nov 01 02:29:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 05:41:34 2022
Response via : Initial Calibration

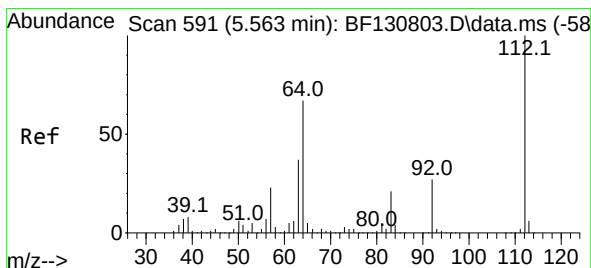
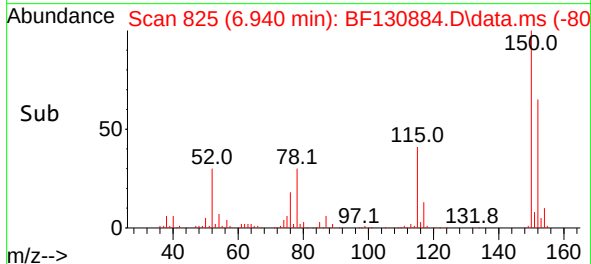
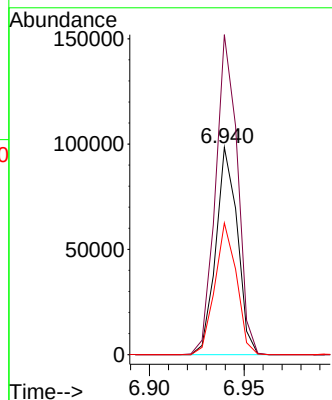
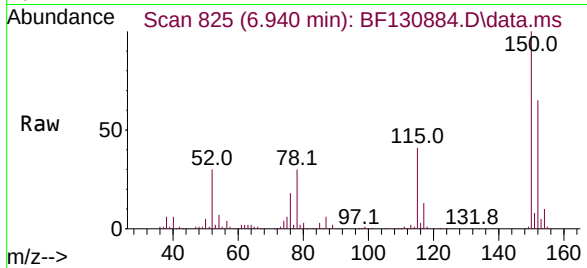




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF130884.D
Acq: 31 Oct 2022 17:42

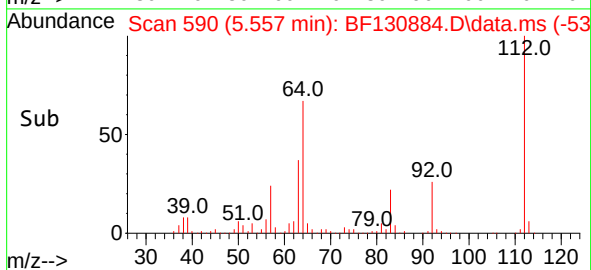
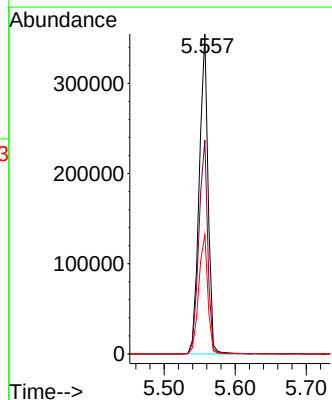
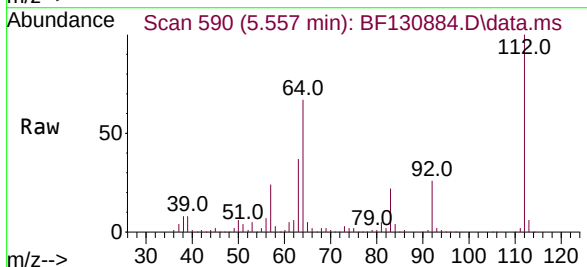
Instrument :
BNA_F
ClientSampleId :
CBH-594

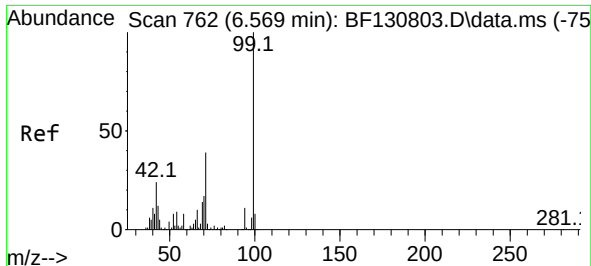
Tgt Ion:152 Resp: 78111
Ion Ratio Lower Upper
152 100
150 154.4 124.1 186.1
115 63.5 50.1 75.1



#5
2-Fluorophenol
Concen: 68.186 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.000 min
Lab File: BF130884.D
Acq: 31 Oct 2022 17:42

Tgt Ion:112 Resp: 307226
Ion Ratio Lower Upper
112 100
64 66.8 53.9 80.9
63 37.2 29.4 44.2

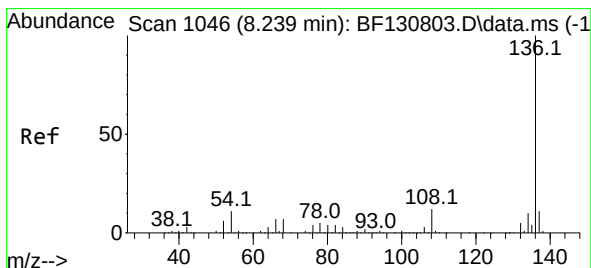
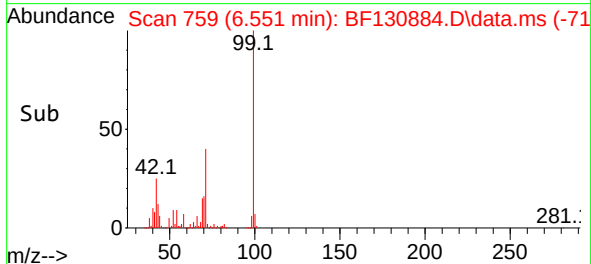
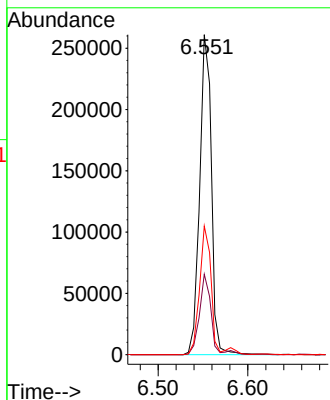
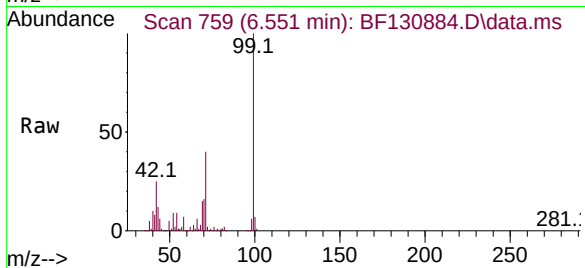




#7
Phenol-d6
Concen: 40.447 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130884.D
Acq: 31 Oct 2022 17:42

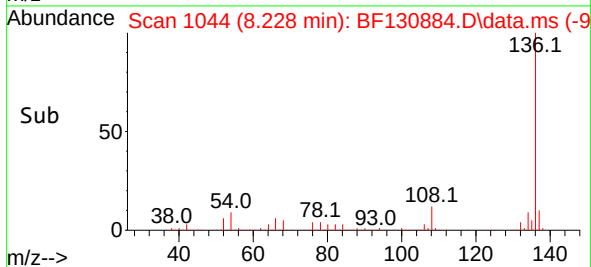
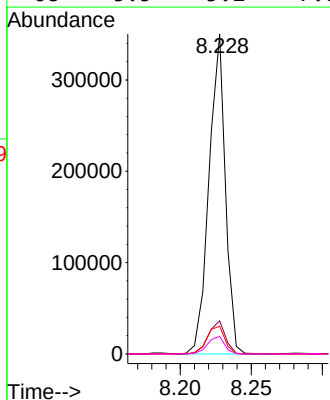
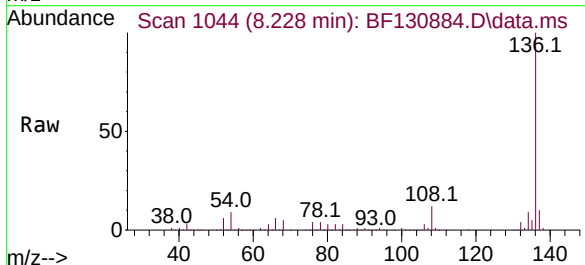
Instrument :
BNA_F
ClientSampleId :
CBH-594

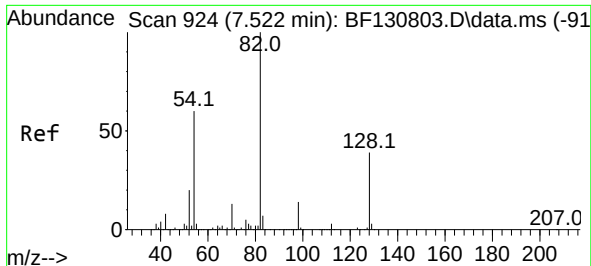
Tgt Ion: 99 Resp: 236823
Ion Ratio Lower Upper
99 100
42 25.1 18.8 28.2
71 40.2 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130884.D
Acq: 31 Oct 2022 17:42

Tgt Ion: 136 Resp: 280931
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 8.6 8.8 13.2#
68 5.5 5.2 7.8

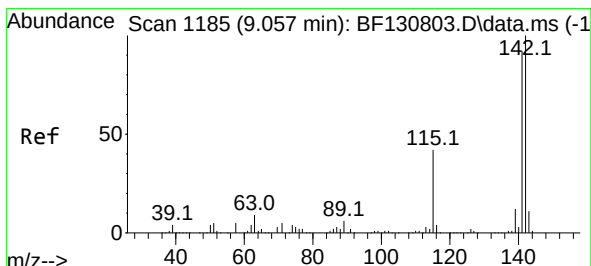
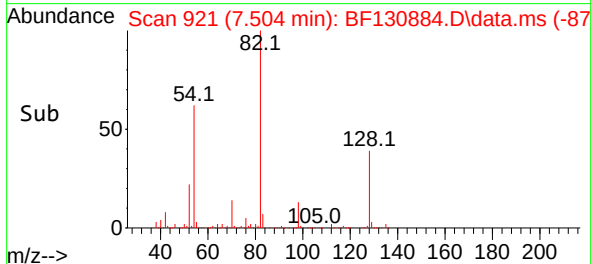
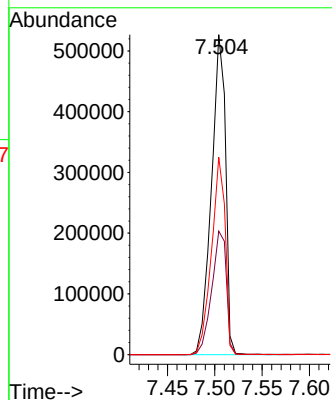
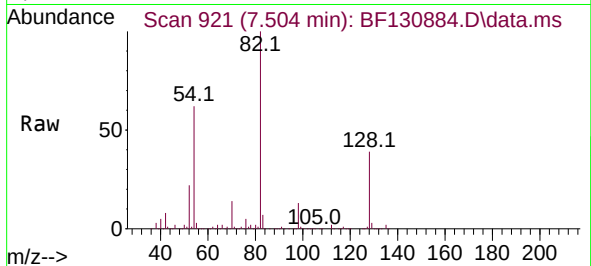




#23
Nitrobenzene-d5
Concen: 117.446 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130884.D
Acq: 31 Oct 2022 17:42

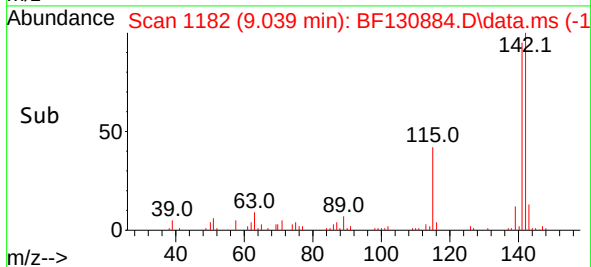
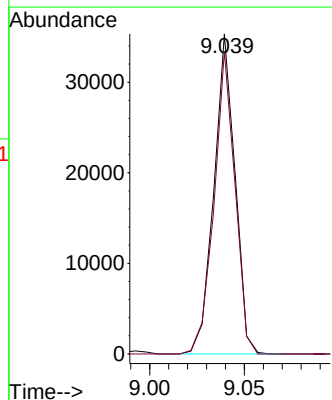
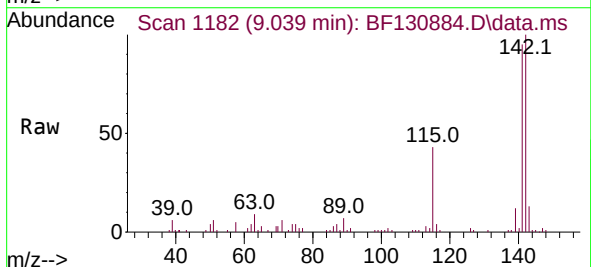
Instrument :
BNA_F
ClientSampleId :
CBH-594

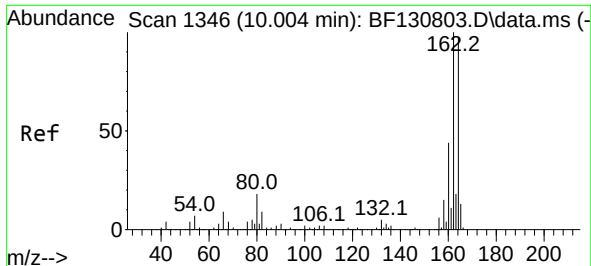
Tgt Ion: 82 Resp: 547179
Ion Ratio Lower Upper
82 100
128 38.6 31.2 46.8
54 61.7 48.0 72.0



#38
1-Methylnaphthalene
Concen: 3.050 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF130884.D
Acq: 31 Oct 2022 17:42

Tgt Ion: 142 Resp: 27367
Ion Ratio Lower Upper
142 100
141 94.6 73.5 110.3

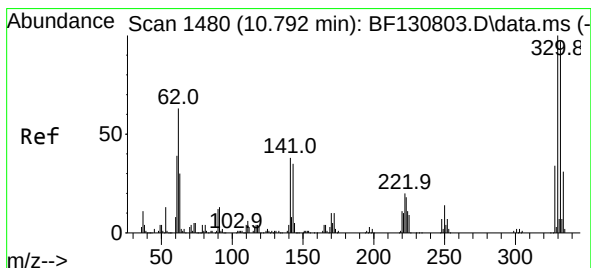
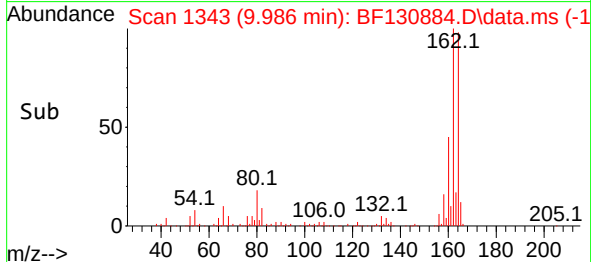
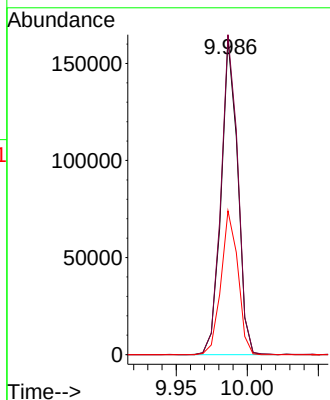
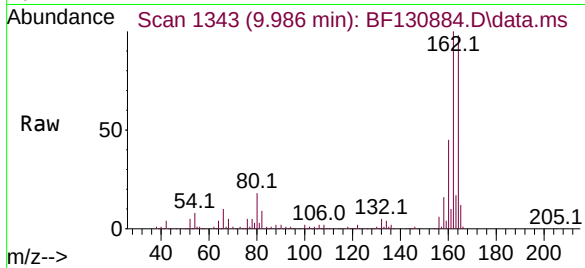




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF130884.D
Acq: 31 Oct 2022 17:42

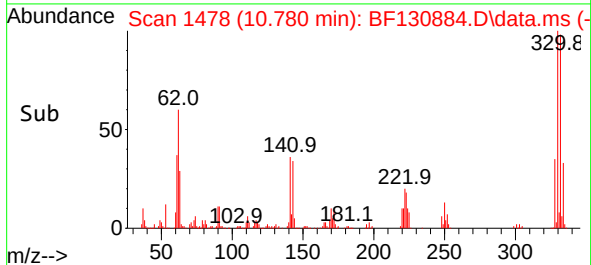
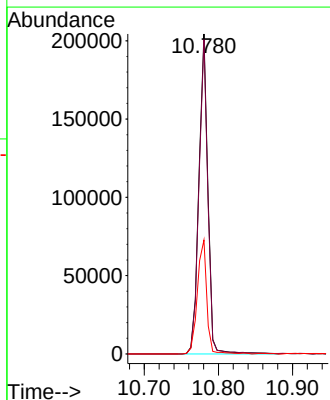
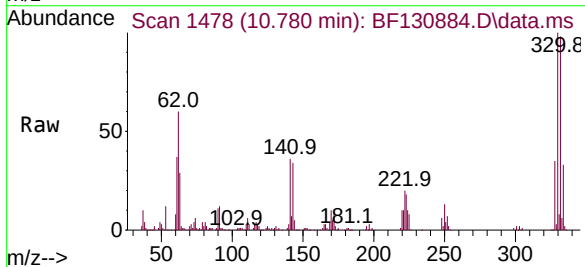
Instrument :
BNA_F
ClientSampleId :
CBH-594

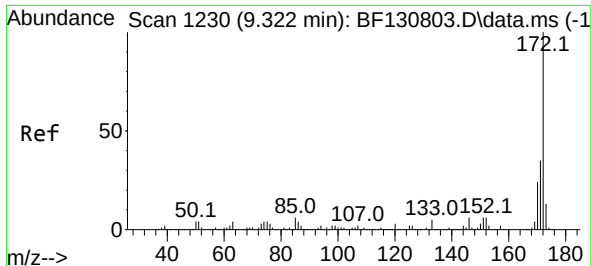
Tgt Ion:164 Resp: 131280
Ion Ratio Lower Upper
164 100
162 101.7 82.2 123.2
160 45.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 156.401 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF130884.D
Acq: 31 Oct 2022 17:42

Tgt Ion:330 Resp: 172841
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 37.2 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 104.020 ng

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130884.D

Acq: 31 Oct 2022 17:42

Instrument :

BNA_F

ClientSampleId :

CBH-594

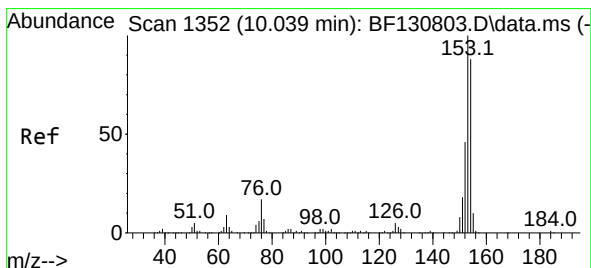
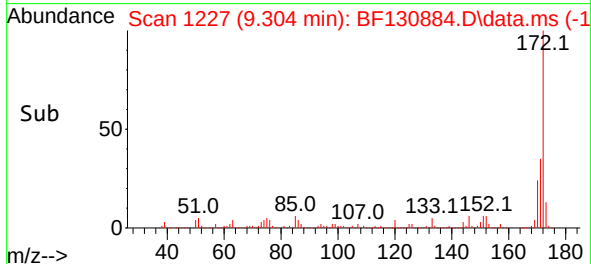
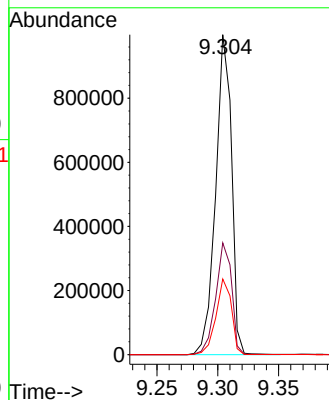
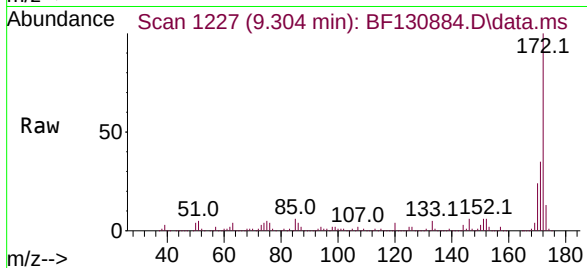
Tgt Ion:172 Resp: 903225

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.6 19.0 28.4



#52

Acenaphthene

Concen: 16.244 ng

RT: 10.022 min Scan# 1349

Delta R.T. -0.012 min

Lab File: BF130884.D

Acq: 31 Oct 2022 17:42

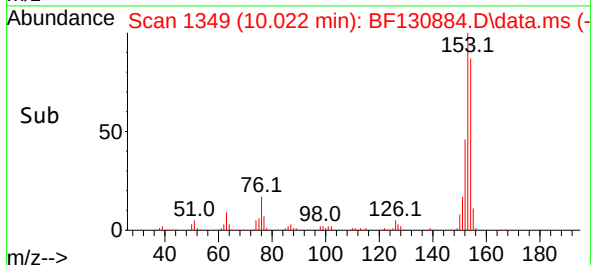
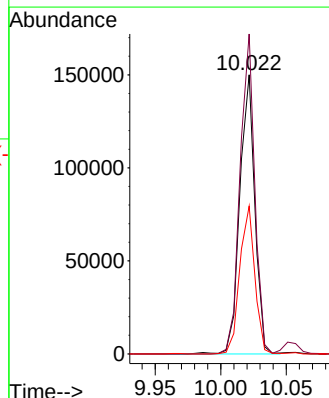
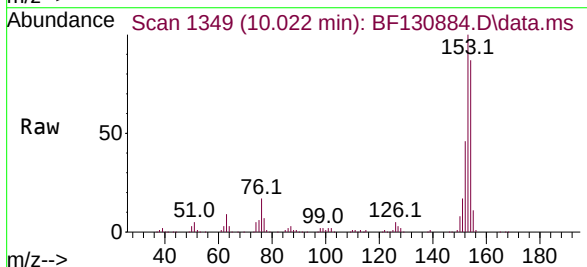
Tgt Ion:154 Resp: 119044

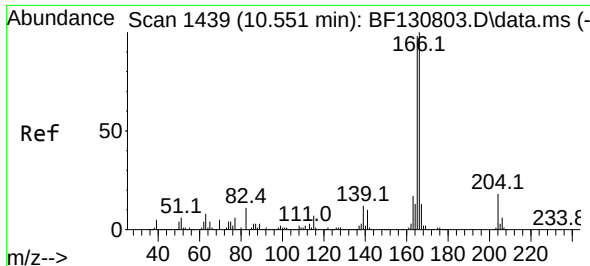
Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

152 52.9 42.0 63.0

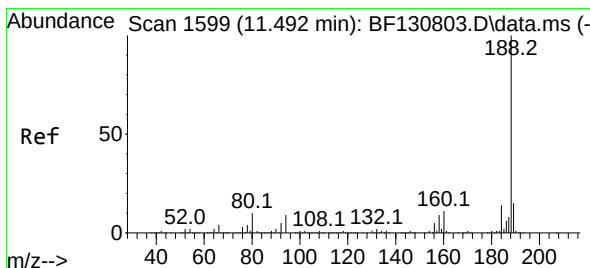
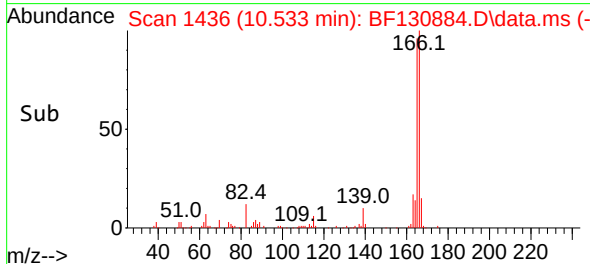
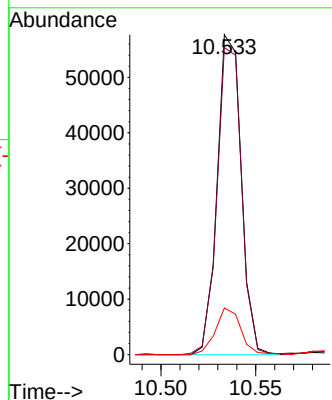
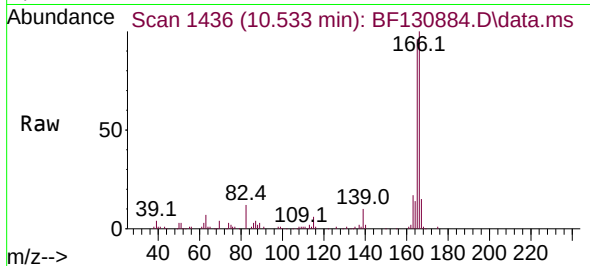




#58
 Fluorene
 Concen: 6.085 ng
 RT: 10.533 min Scan# 1439
 Delta R.T. -0.012 min
 Lab File: BF130884.D
 Acq: 31 Oct 2022 17:42

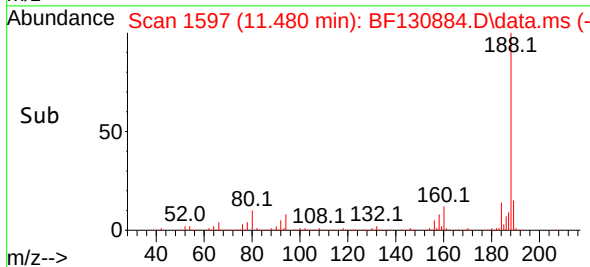
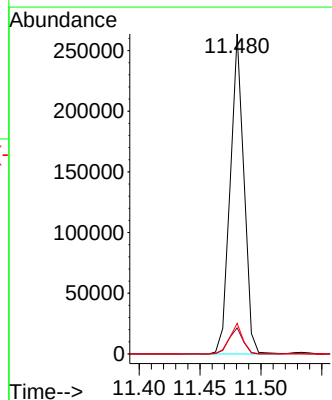
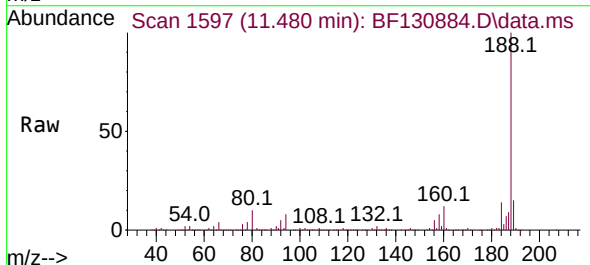
Instrument :
 BNA_F
 ClientSampleId :
 CBH-594

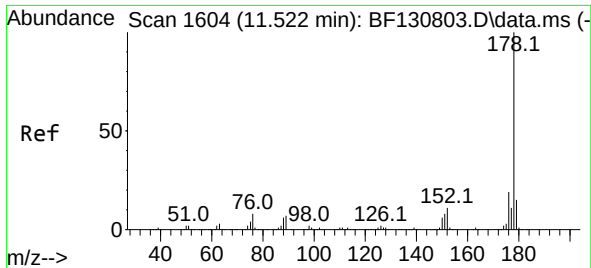
Tgt Ion:166 Resp: 50899
 Ion Ratio Lower Upper
 166 100
 165 96.0 78.1 117.1
 167 14.6 10.4 15.6



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.480 min Scan# 1597
 Delta R.T. -0.006 min
 Lab File: BF130884.D
 Acq: 31 Oct 2022 17:42

Tgt Ion:188 Resp: 206714
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.4 11.2
 80 9.5 8.0 12.0

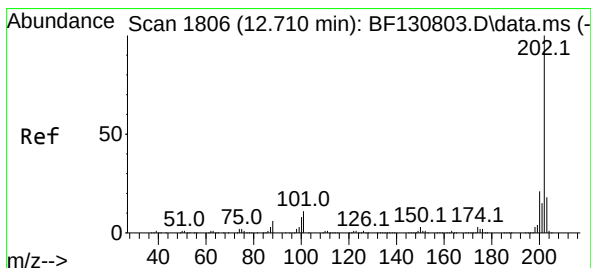
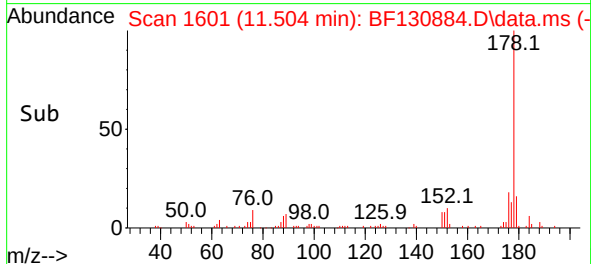
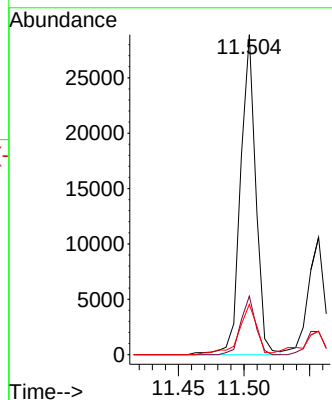
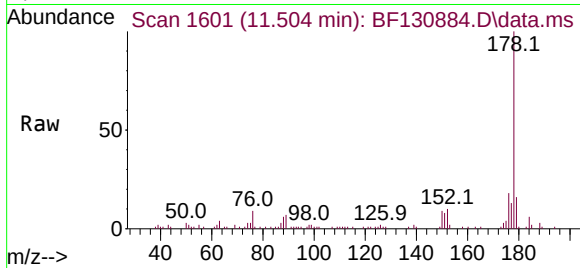




#71
Phenanthrene
Concen: 2.188 ng
RT: 11.504 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BF130884.D
Acq: 31 Oct 2022 17:42

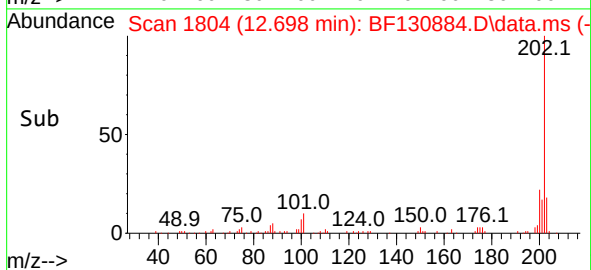
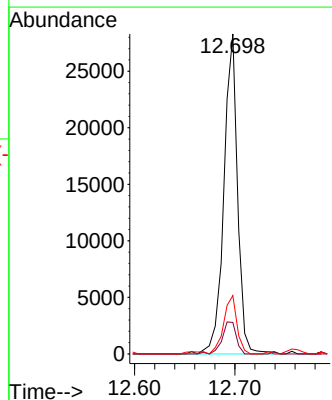
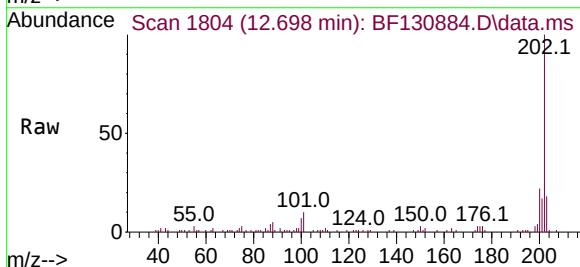
Instrument :
BNA_F
ClientSampleId :
CBH-594

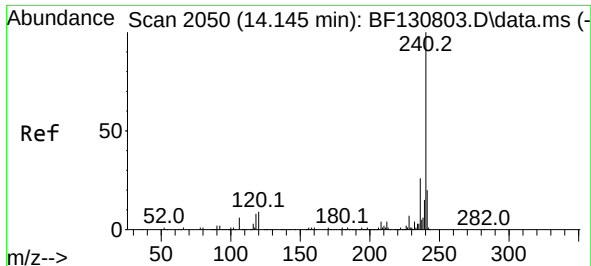
Tgt Ion:178 Resp: 23341
Ion Ratio Lower Upper
178 100
176 18.3 15.5 23.3
179 15.7 12.2 18.2



#75
Fluoranthene
Concen: 2.383 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF130884.D
Acq: 31 Oct 2022 17:42

Tgt Ion:202 Resp: 27010
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.9
203 18.2 0.0 37.7

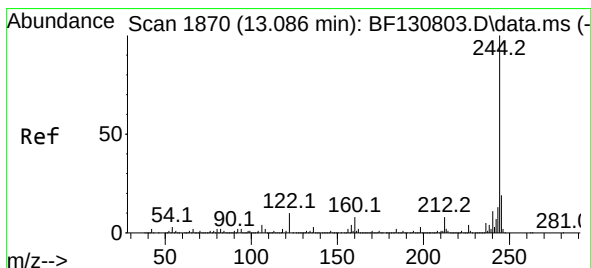
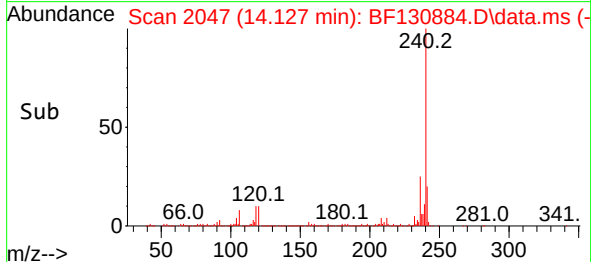
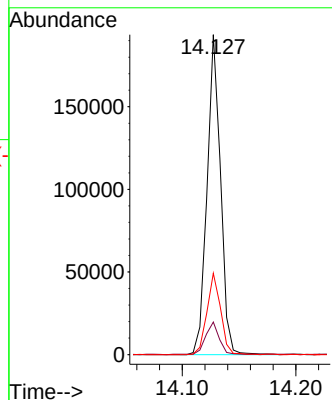
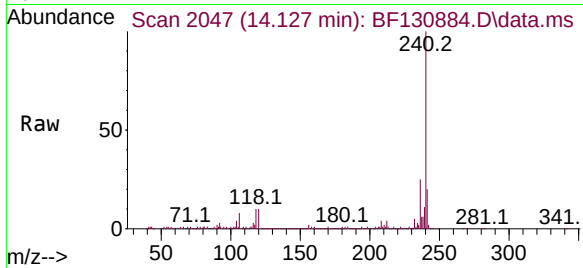




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130884.D
Acq: 31 Oct 2022 17:42

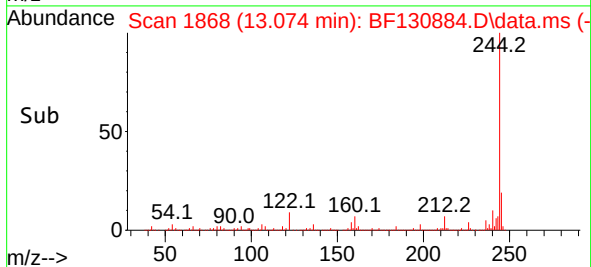
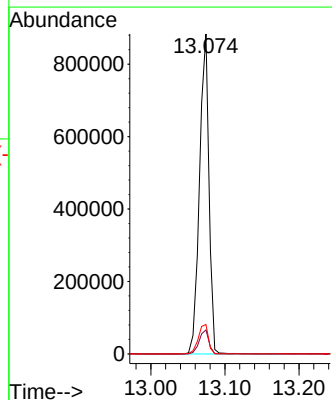
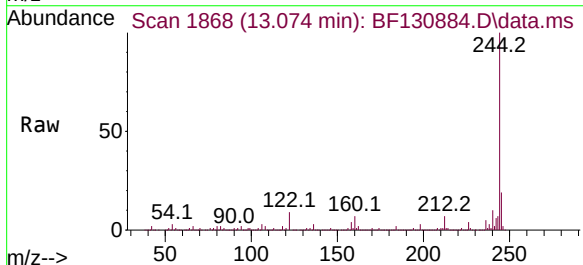
Instrument :
BNA_F
ClientSampleId :
CBH-594

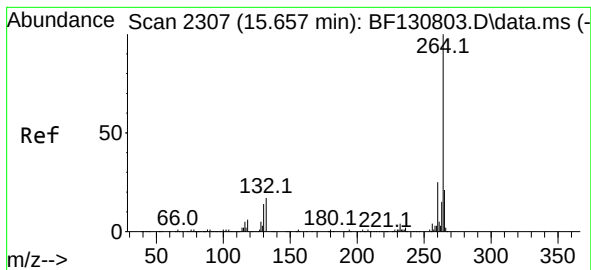
Tgt Ion:240 Resp: 159910
Ion Ratio Lower Upper
240 100
120 10.2 7.0 10.4
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 89.476 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BF130884.D
Acq: 31 Oct 2022 17:42

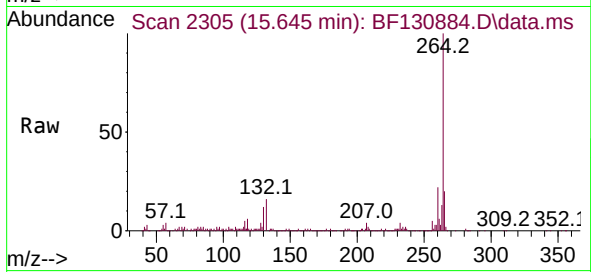
Tgt Ion:244 Resp: 780815
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 9.2 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2305
Delta R.T. -0.000 min
Lab File: BF130884.D
Acq: 31 Oct 2022 17:42

Instrument :
BNA_F
ClientSampleId :
CBH-594



Tgt Ion:264 Resp: 124363
Ion Ratio Lower Upper
264 100
260 22.2 19.9 29.9
265 20.2 17.0 25.6

