

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131862.D
 Acq On : 28 Dec 2022 15:57
 Operator : CG\JU
 Sample : N6218-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26179

Quant Time: Dec 29 00:55:47 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)

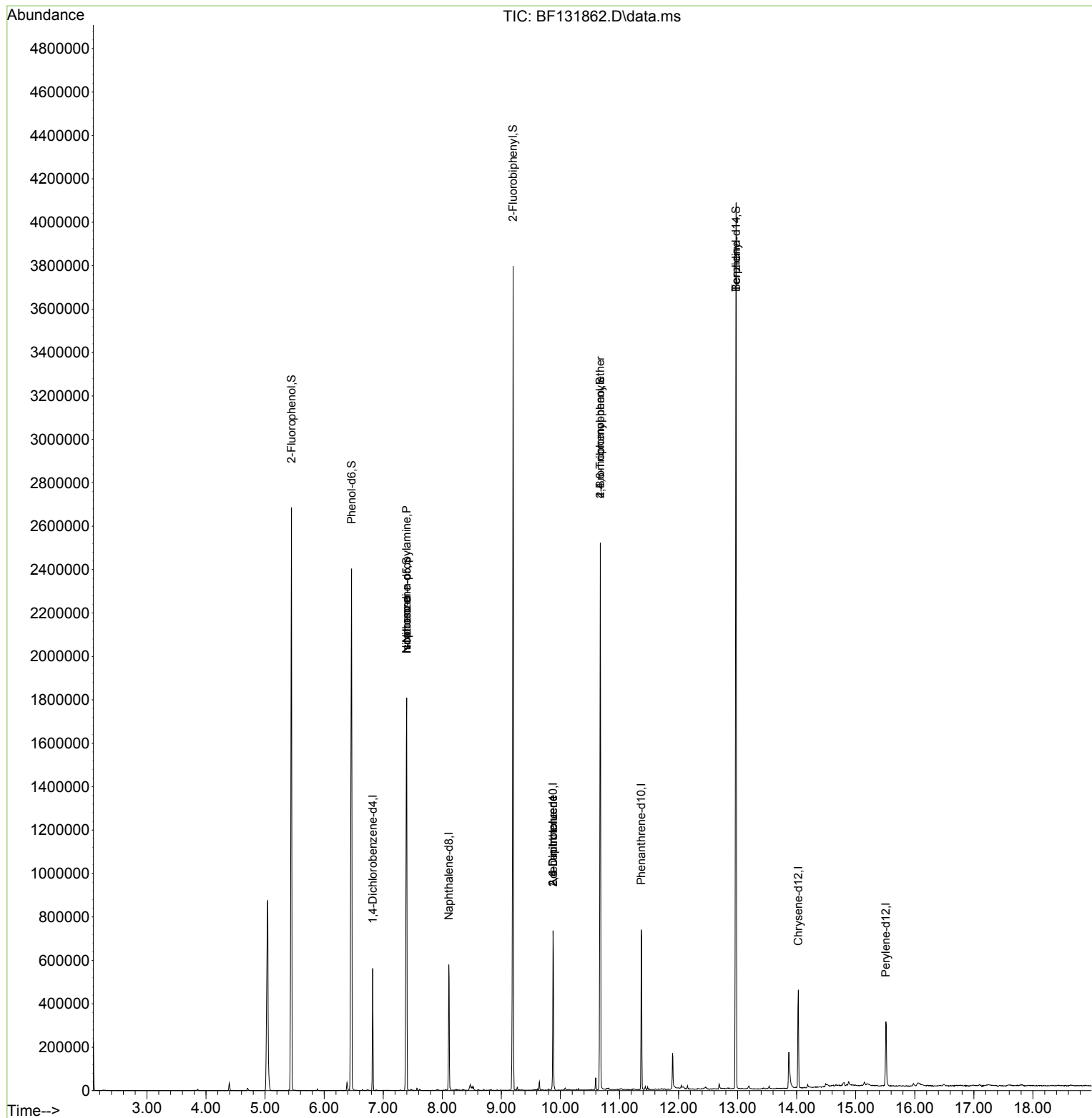
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	68187	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	246343	20.000	ng	-0.02
39) Acenaphthene-d10	9.875	164	143472	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	276146	20.000	ng	-0.02
76) Chrysene-d12	14.027	240	145114	20.000	ng	-0.01
86) Perylene-d12	15.510	264	136203	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	732705	178.077	ng	0.00
7) Phenol-d6	6.463	99	992407	183.584	ng	0.00
23) Nitrobenzene-d5	7.398	82	699701	113.403	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	285619	183.227	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1218618	116.342	ng	-0.01
79) Terphenyl-d14	12.974	244	1442789	168.178	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	98277	25.742	ng	# 79
25) Isophorone	7.398	82	698534	69.325	ng	# 69
51) 2,6-Dinitrotoluene	9.875	165	18241	7.763	ng	# 17
57) 2,4-Dinitrotoluene	9.875	165	18241	5.677	ng	# 17
67) 4-Bromophenyl-phenylether	10.675	248	20009	6.252	ng	# 1
77) Benzidine	12.974	184	22273	9.340	ng	# 92

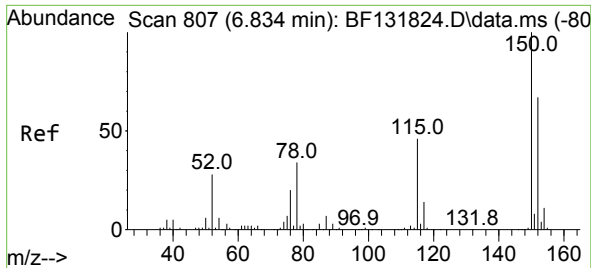
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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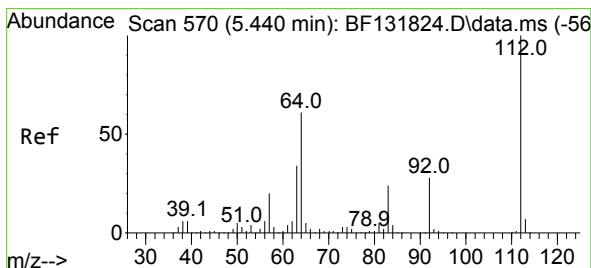
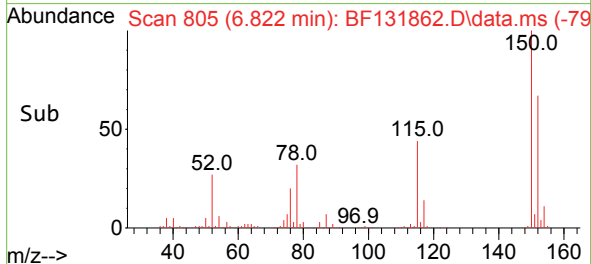
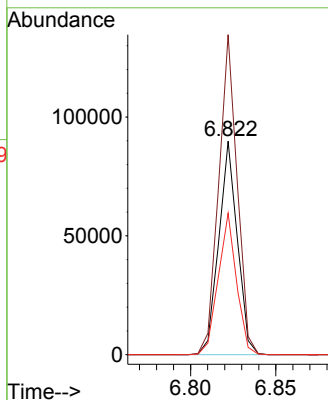
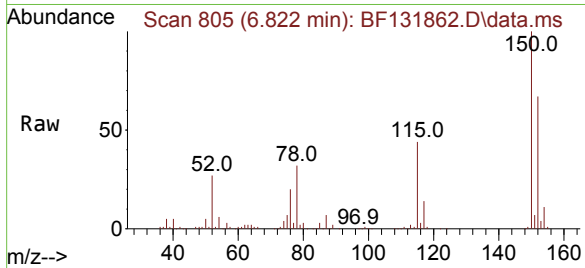




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

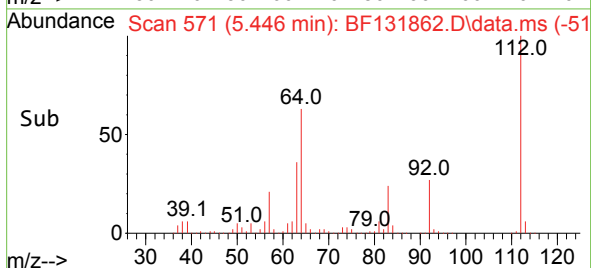
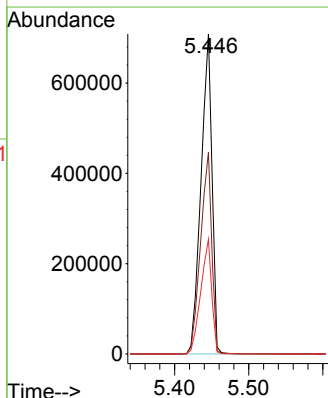
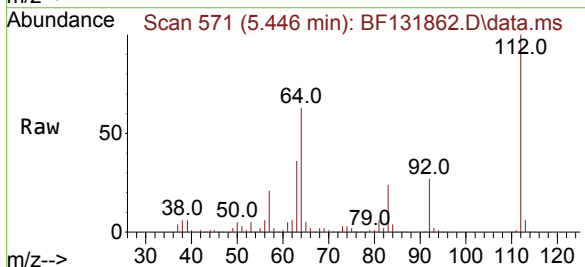
Instrument :
BNA_F
ClientSampleId :
CHRT-26179

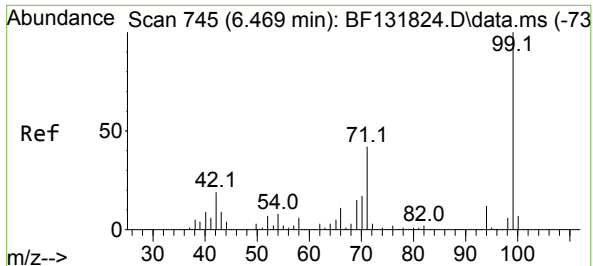
Tgt Ion:152 Resp: 68187
Ion Ratio Lower Upper
152 100
150 149.9 120.0 180.0
115 66.2 55.1 82.7



#5
2-Fluorophenol
Concen: 178.077 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

Tgt Ion:112 Resp: 732705
Ion Ratio Lower Upper
112 100
64 63.1 49.2 73.8
63 35.8 27.5 41.3

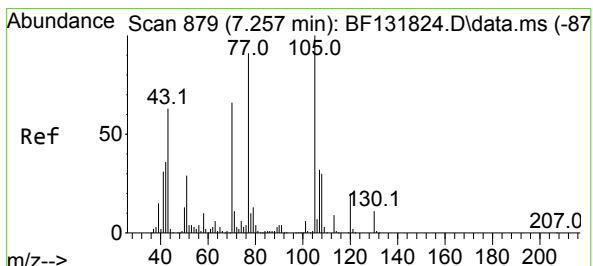
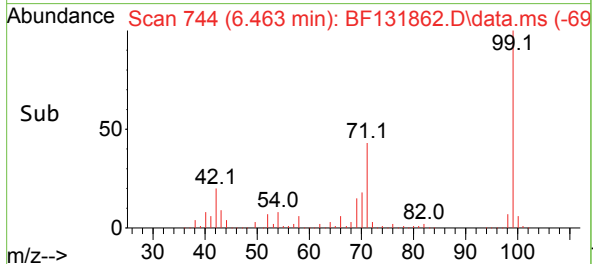
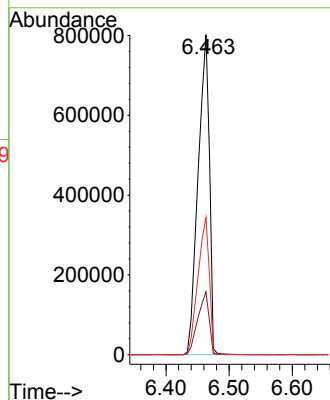
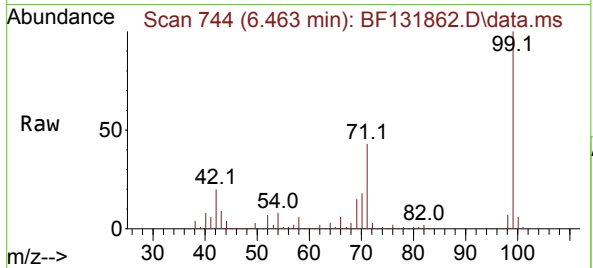




#7
Phenol-d6
Concen: 183.584 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

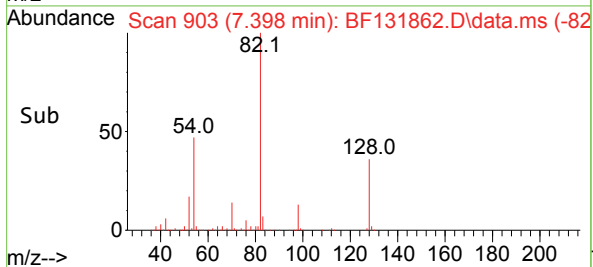
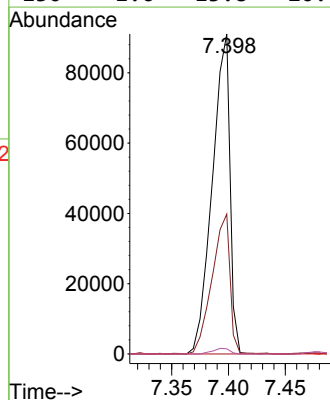
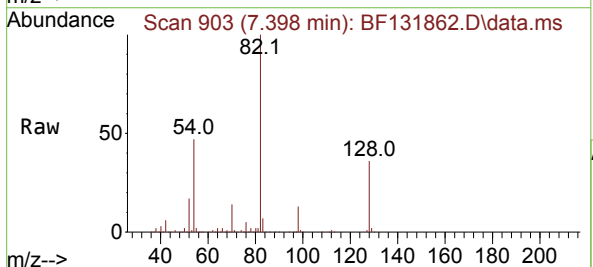
Instrument :
BNA_F
ClientSampleId :
CHRT-26179

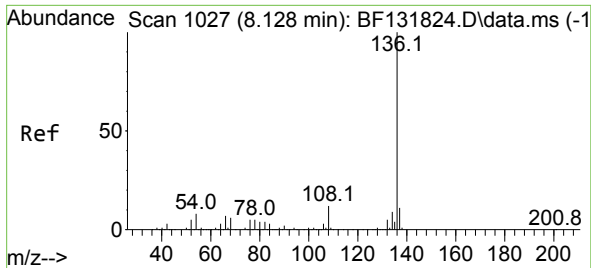
Tgt Ion: 99 Resp: 992407
Ion Ratio Lower Upper
99 100
42 19.6 15.3 22.9
71 42.9 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 25.742 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

Tgt Ion: 70 Resp: 98277
Ion Ratio Lower Upper
70 100
42 43.7 43.8 65.6#
101 0.0 7.4 11.0#
130 1.6 13.8 20.6#



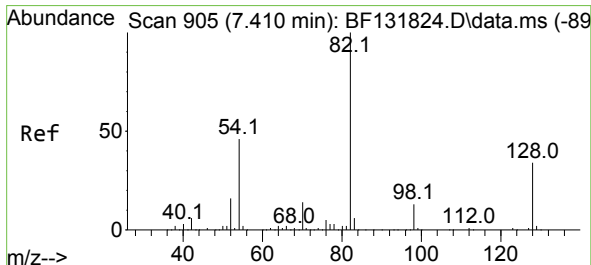
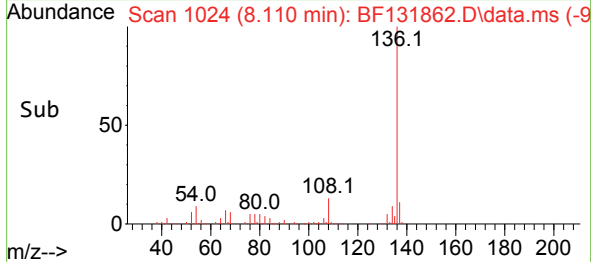
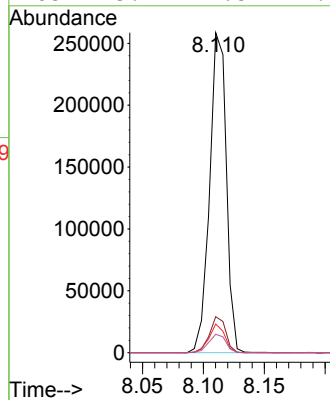
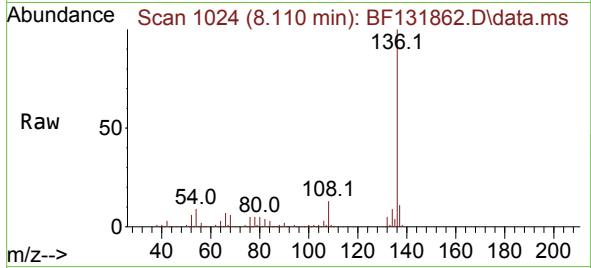


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

Instrument :
BNA_F
ClientSampleId :
CHRT-26179

Tgt Ion:136 Resp: 246343

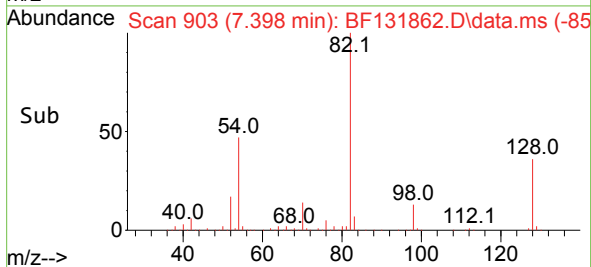
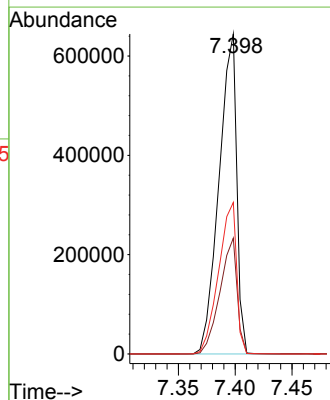
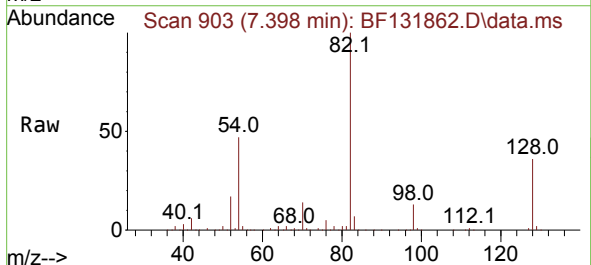
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	8.9	6.7	10.1
68	5.7	4.8	7.2

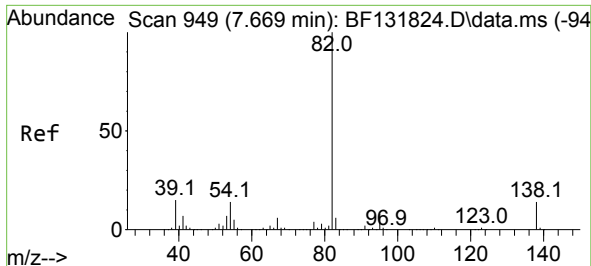


#23
Nitrobenzene-d5
Concen: 113.403 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

Tgt Ion: 82 Resp: 699701

Ion	Ratio	Lower	Upper
82	100		
128	36.2	27.1	40.7
54	47.4	37.0	55.6

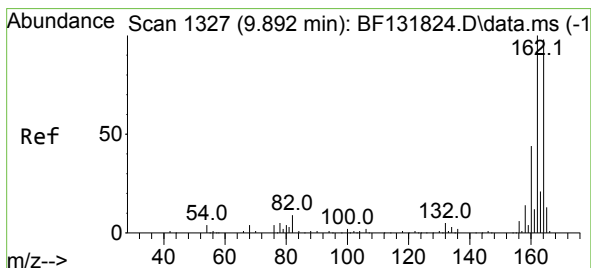
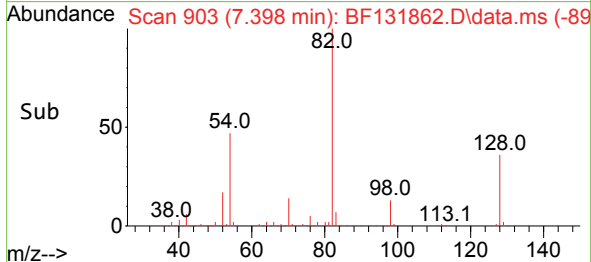
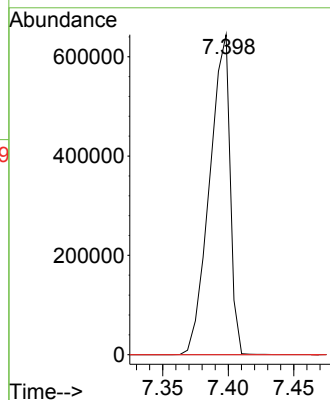
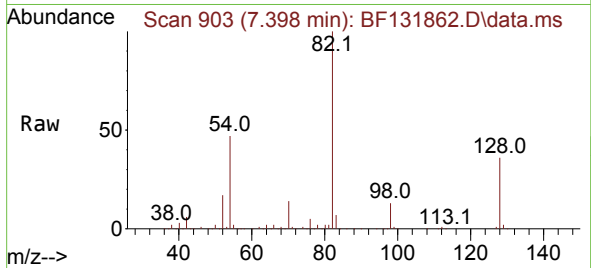




#25
Isophorone
Concen: 69.325 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

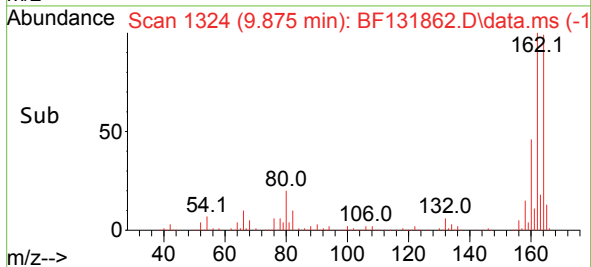
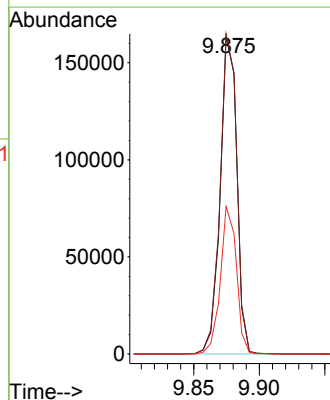
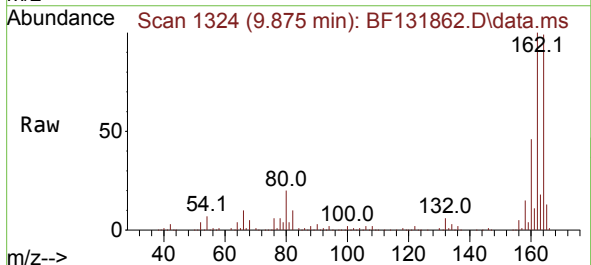
Instrument :
BNA_F
ClientSampleId :
CHRT-26179

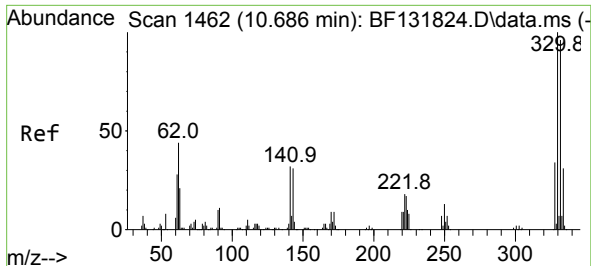
Tgt Ion: 82 Resp: 698534
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.018 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

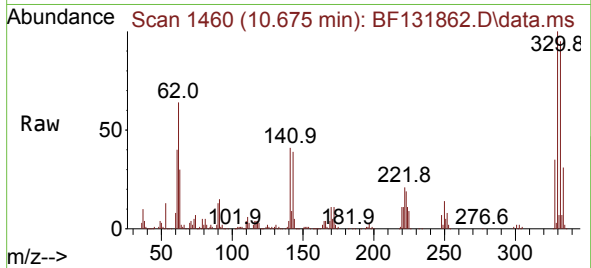
Tgt Ion: 164 Resp: 143472
Ion Ratio Lower Upper
164 100
162 100.7 81.8 122.6
160 46.4 35.7 53.5



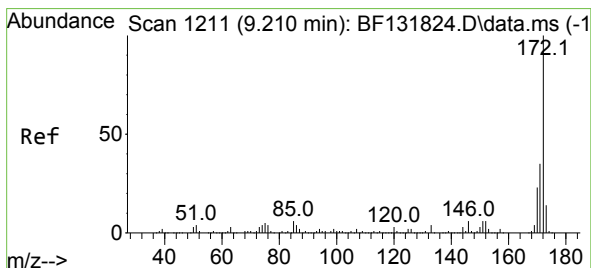
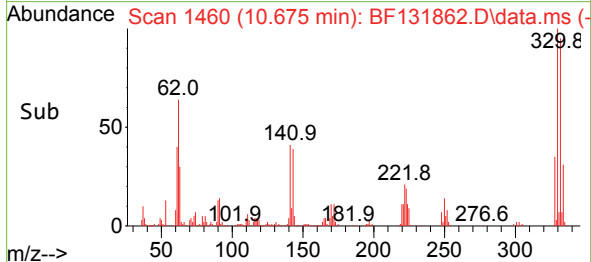
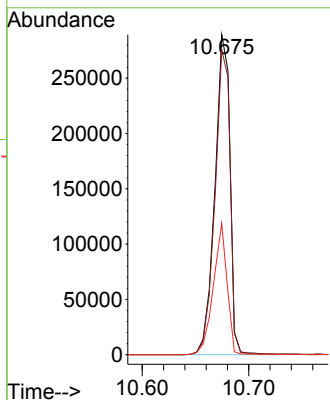


#42
2,4,6-Tribromophenol
Concen: 183.227 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

Instrument :
BNA_F
ClientSampleId :
CHRT-26179

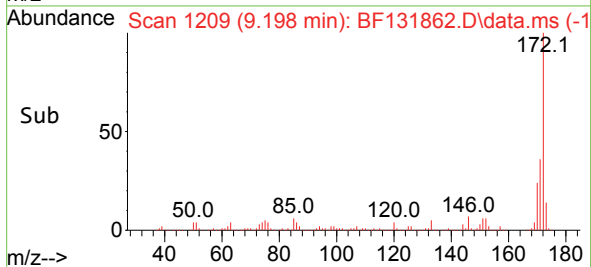
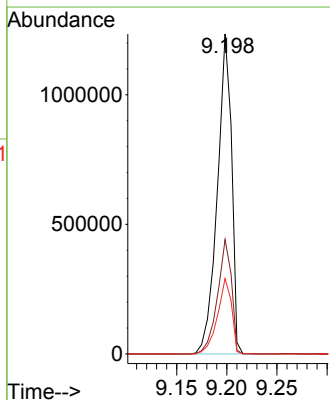
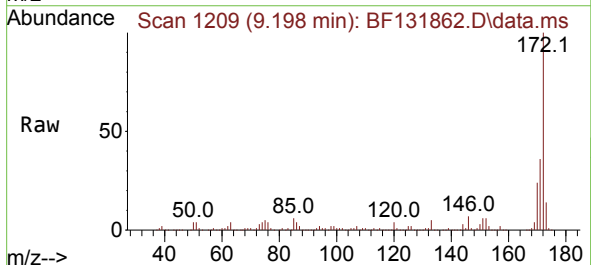


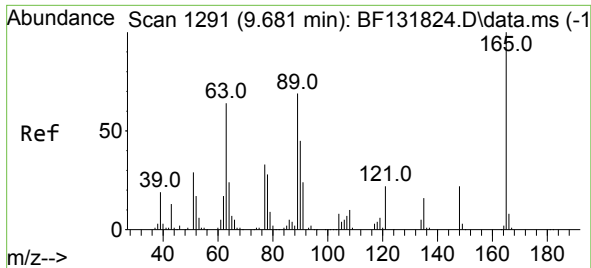
Tgt Ion:330 Resp: 285619
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 37.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 116.342 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

Tgt Ion:172 Resp: 1218618
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.6 18.7 28.1

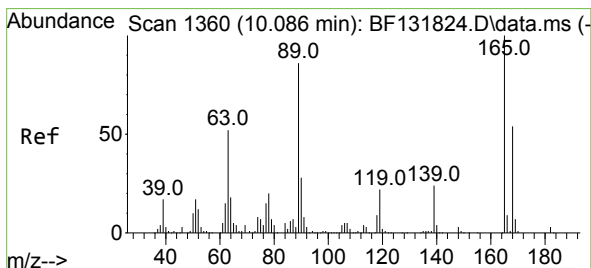
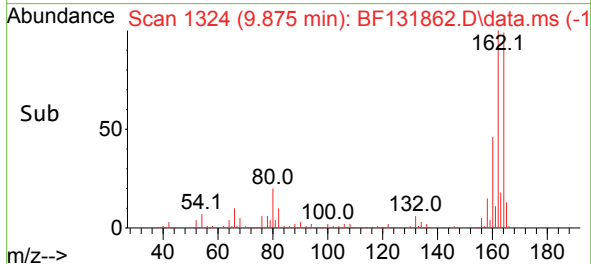
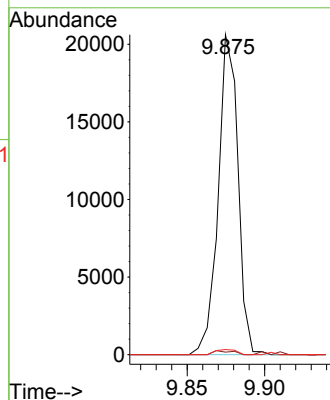
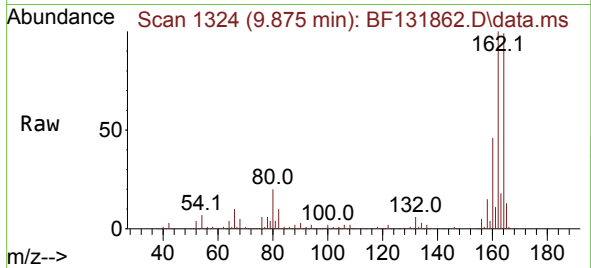




#51
2,6-Dinitrotoluene
Concen: 7.763 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

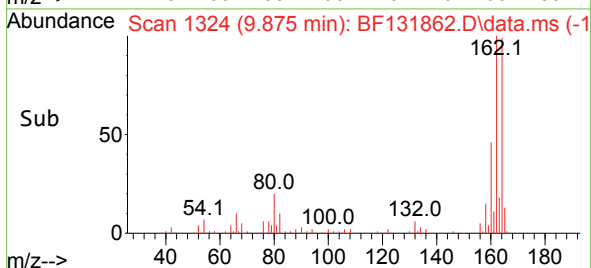
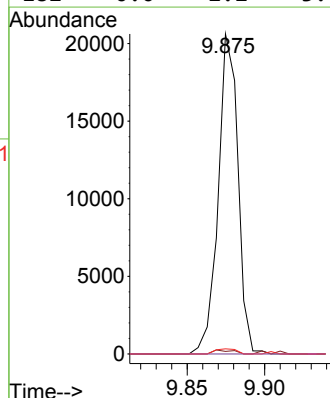
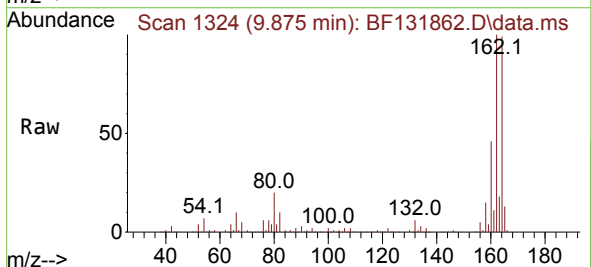
Instrument :
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CHRT-26179

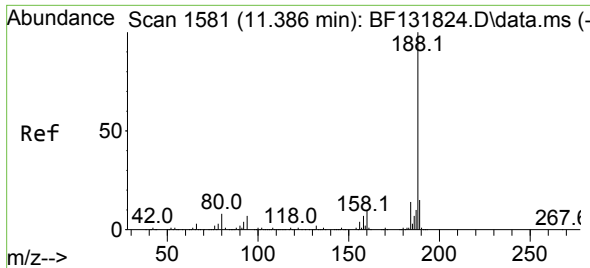
Tgt Ion:165 Resp: 18241
Ion Ratio Lower Upper
165 100
63 0.8 55.1 82.7#
89 1.6 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.677 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.212 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

Tgt Ion:165 Resp: 18241
Ion Ratio Lower Upper
165 100
63 0.8 42.1 63.1#
89 1.6 69.1 103.7#
182 0.0 2.2 3.4#

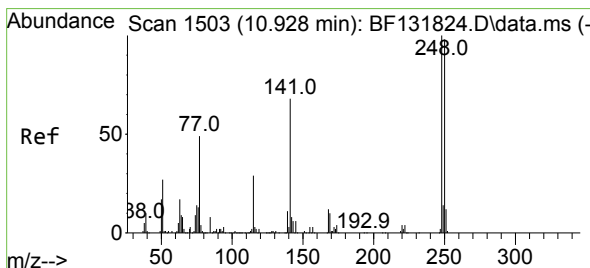
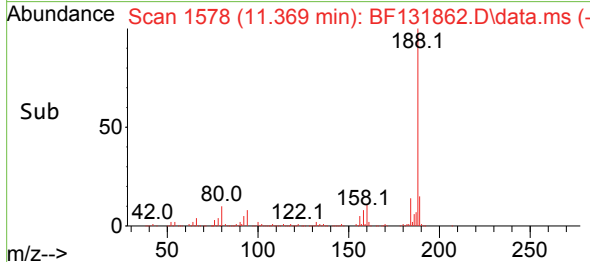
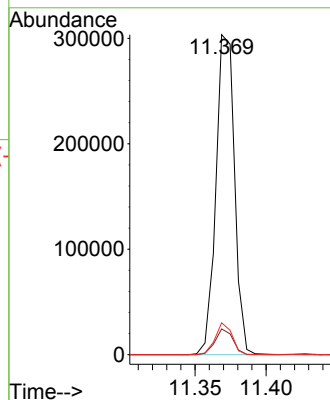
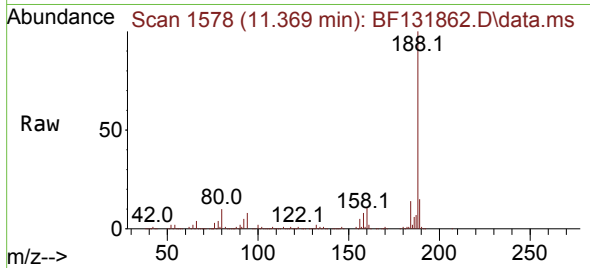




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

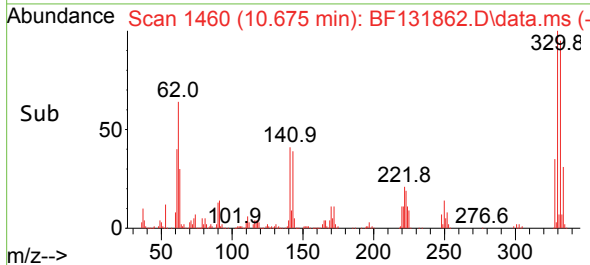
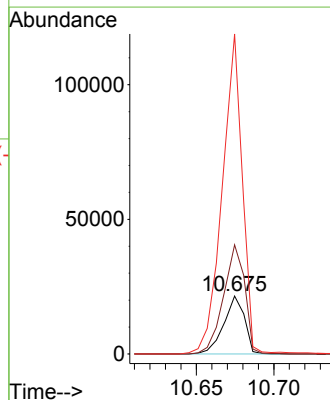
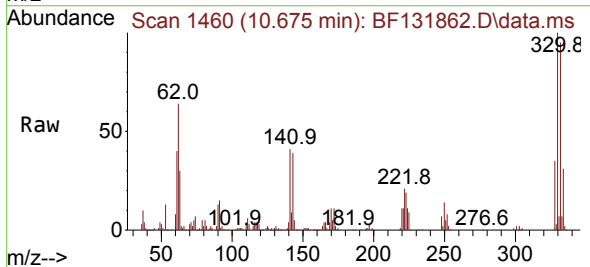
Instrument :
BNA_F
ClientSampleId :
CHRT-26179

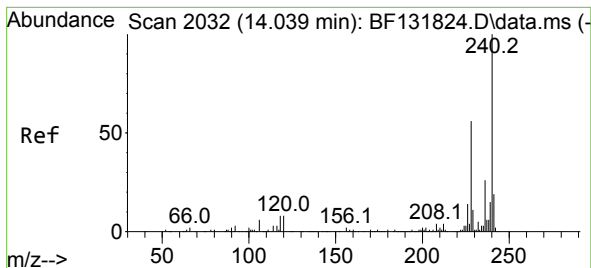
Tgt Ion:188 Resp: 276146
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.6
80 9.9 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 6.252 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.253 min
Lab File: BF131862.D
Acq: 28 Dec 2022 15:57

Tgt Ion:248 Resp: 20009
Ion Ratio Lower Upper
248 100
250 188.3 78.0 117.0#
141 552.1 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF131862.D

Acq: 28 Dec 2022 15:57

Instrument :

BNA_F

ClientSampleId :

CHRT-26179

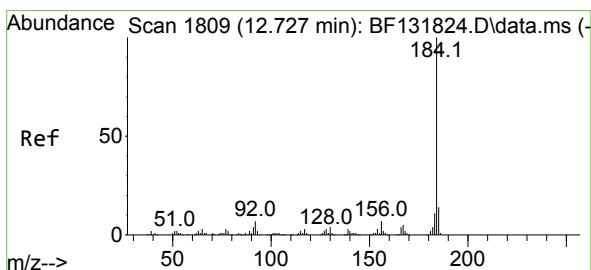
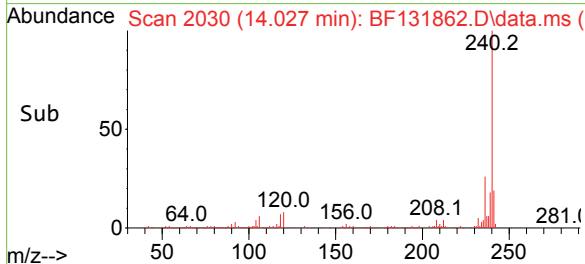
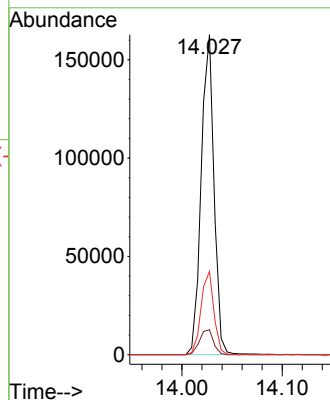
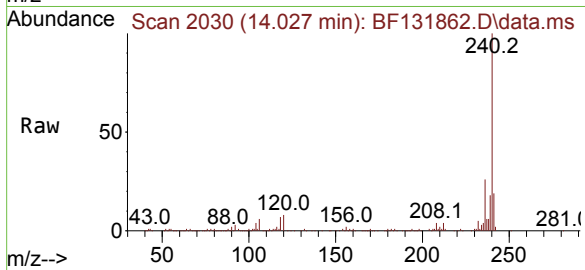
Tgt Ion:240 Resp: 145114

Ion Ratio Lower Upper

240 100

120 7.8 6.7 10.1

236 26.1 20.6 31.0



#77

Benzidine

Concen: 9.340 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF131862.D

Acq: 28 Dec 2022 15:57

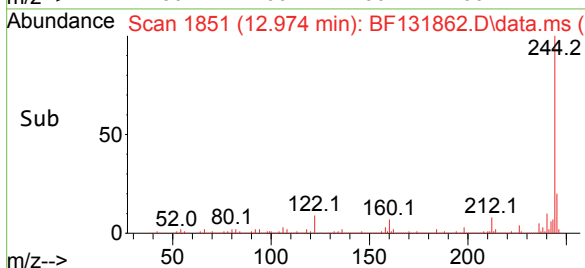
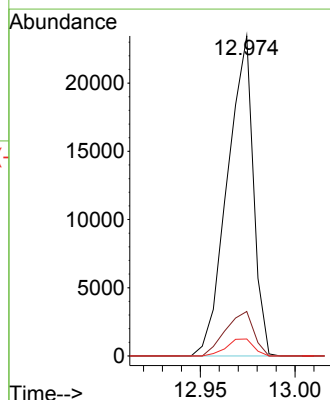
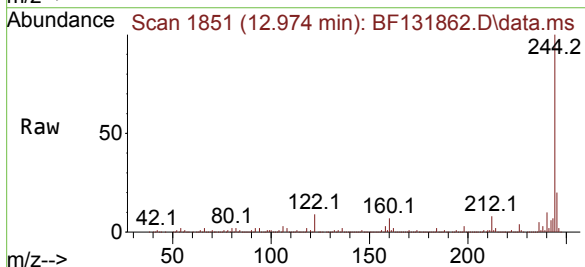
Tgt Ion:184 Resp: 22273

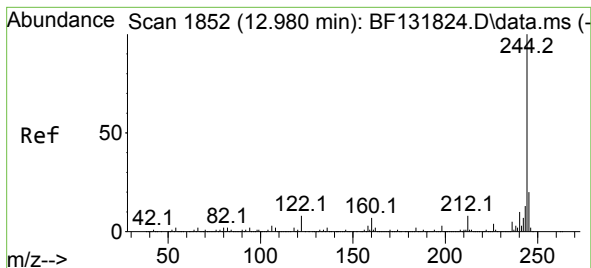
Ion Ratio Lower Upper

184 100

185 13.9 11.6 17.4

183 5.3 9.0 13.4#





#79

Terphenyl-d14

Concen: 168.178 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF131862.D

Acq: 28 Dec 2022 15:57

Instrument :

BNA_F

ClientSampleId :

CHRT-26179

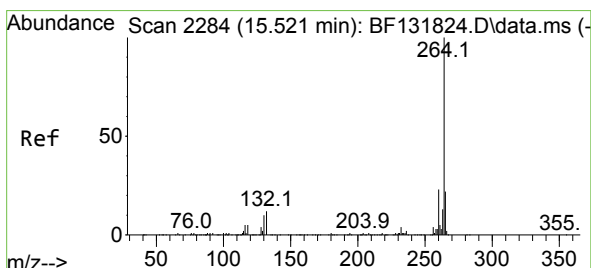
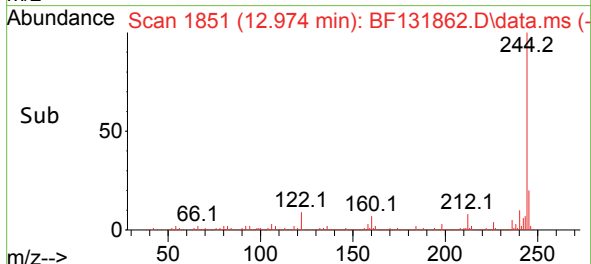
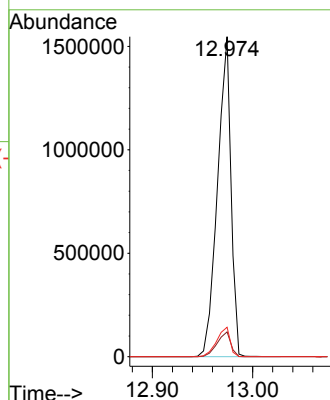
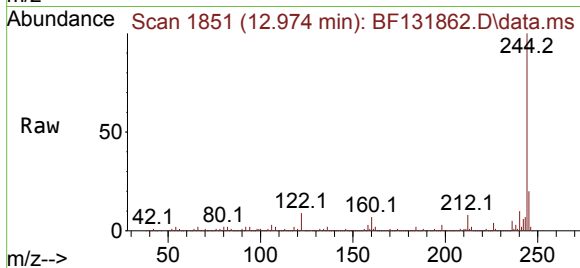
Tgt Ion:244 Resp: 1442789

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 9.2 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2282

Delta R.T. -0.012 min

Lab File: BF131862.D

Acq: 28 Dec 2022 15:57

Tgt Ion:264 Resp: 136203

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.4 17.4 26.0

