

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131864.D
 Acq On : 28 Dec 2022 17:00
 Operator : CG\JU
 Sample : N6199-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-604-COMP-1

Quant Time: Dec 29 00:56:31 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)

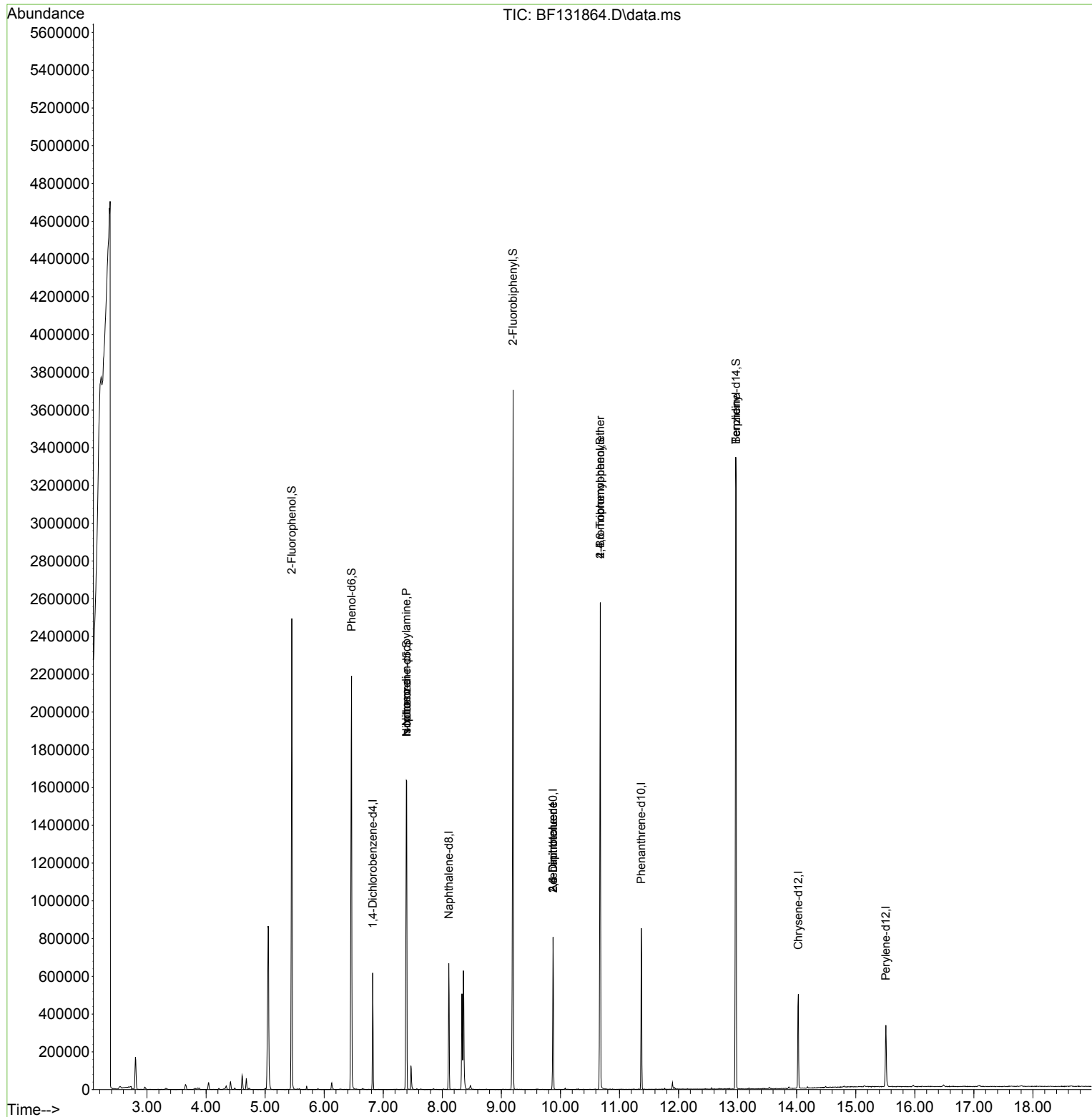
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	74862	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	270113	20.000	ng	-0.02
39) Acenaphthene-d10	9.875	164	158095	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	301418	20.000	ng	-0.02
76) Chrysene-d12	14.027	240	159758	20.000	ng	-0.01
86) Perylene-d12	15.509	264	147787	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	660463	146.207	ng	0.01
7) Phenol-d6	6.463	99	774048	130.422	ng	0.00
23) Nitrobenzene-d5	7.398	82	660886	97.686	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	282711	164.586	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1144327	99.144	ng	-0.01
79) Terphenyl-d14	12.974	244	1304682	138.140	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.392	70	94548	22.557	ng	# 80
25) Isophorone	7.398	82	660091	59.745	ng	# 69
51) 2,6-Dinitrotoluene	9.875	165	20402	7.880	ng	# 18
57) 2,4-Dinitrotoluene	9.875	165	20402	5.762	ng	# 17
67) 4-Bromophenyl-phenylether	10.674	248	19520	5.588	ng	# 1
77) Benzidine	12.974	184	19667	7.491	ng	# 93

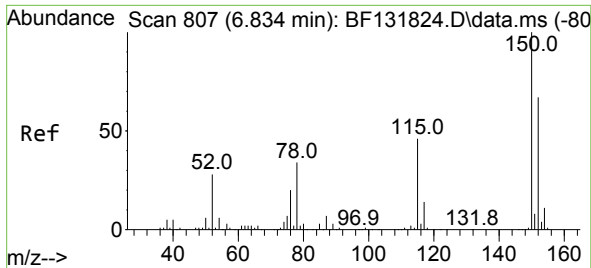
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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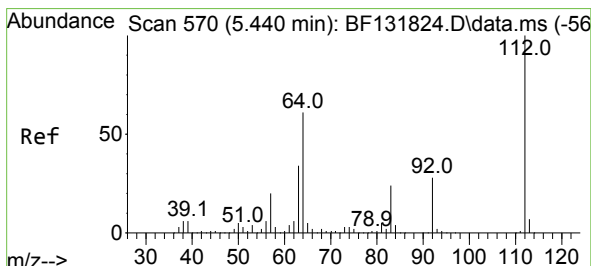
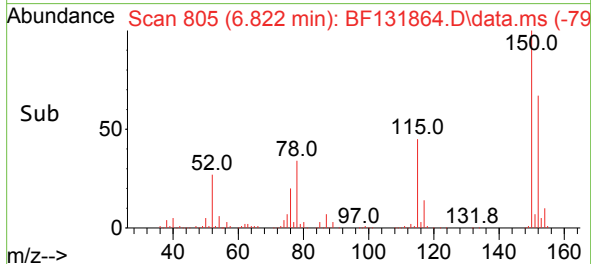
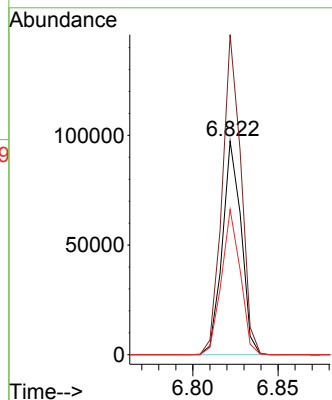
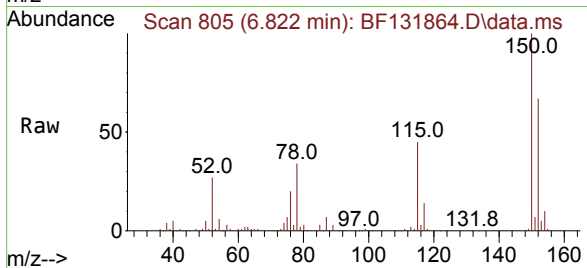




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF131864.D
Acq: 28 Dec 2022 17:00

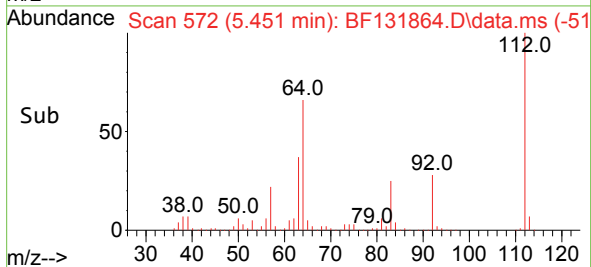
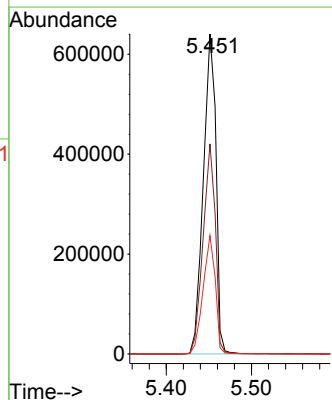
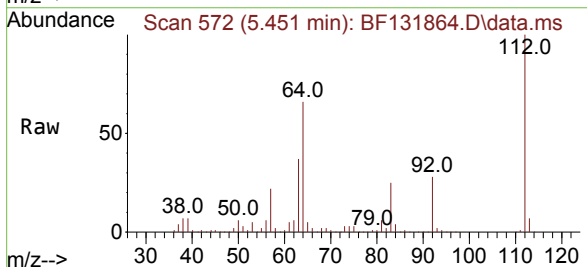
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1

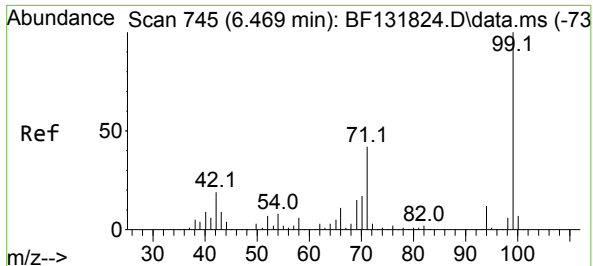
Tgt Ion:152 Resp: 74862
Ion Ratio Lower Upper
152 100
150 149.8 120.0 180.0
115 68.0 55.1 82.7



#5
2-Fluorophenol
Concen: 146.207 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF131864.D
Acq: 28 Dec 2022 17:00

Tgt Ion:112 Resp: 660463
Ion Ratio Lower Upper
112 100
64 65.6 49.2 73.8
63 37.0 27.5 41.3

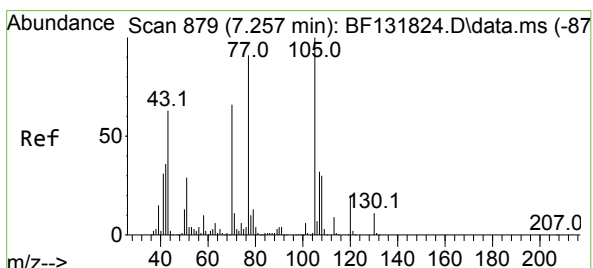
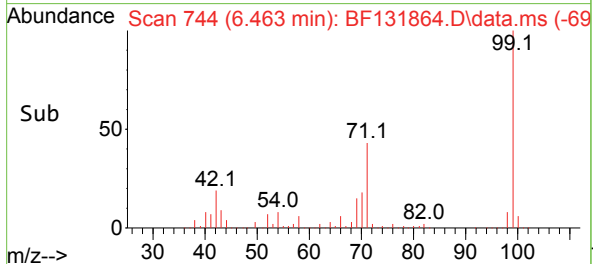
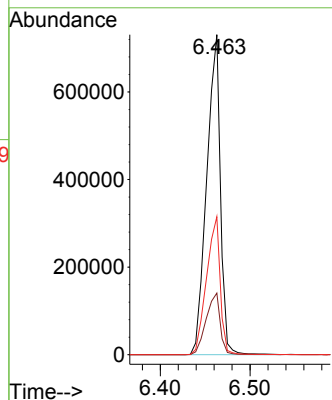
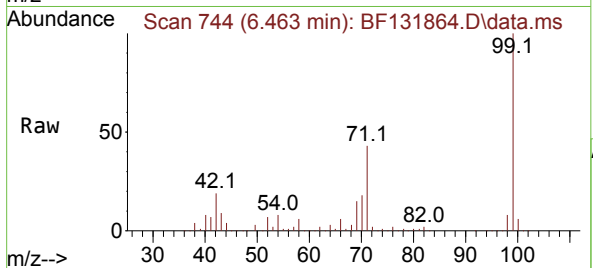




#7
Phenol-d6
Concen: 130.422 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF131864.D
Acq: 28 Dec 2022 17:00

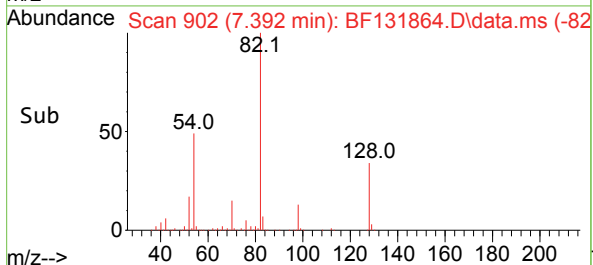
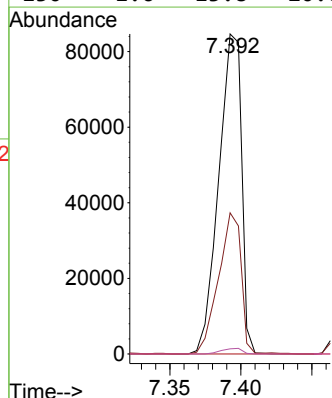
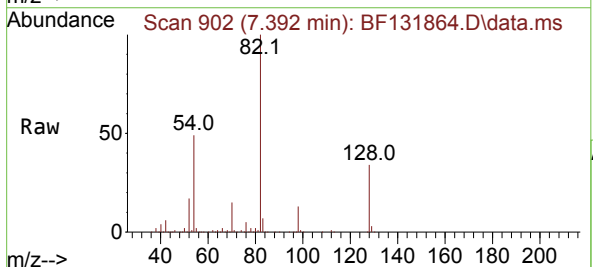
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1

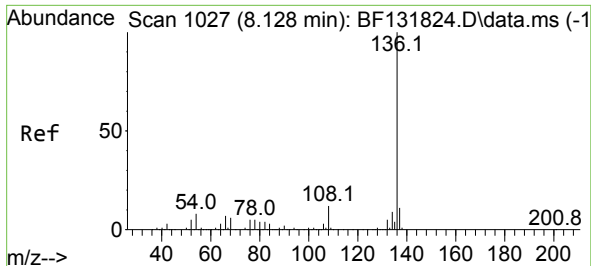
Tgt Ion: 99 Resp: 774048
Ion Ratio Lower Upper
99 100
42 19.2 15.3 22.9
71 43.1 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.557 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF131864.D
Acq: 28 Dec 2022 17:00

Tgt Ion: 70 Resp: 94548
Ion Ratio Lower Upper
70 100
42 44.1 43.8 65.6
101 0.0 7.4 11.0#
130 1.6 13.8 20.6#



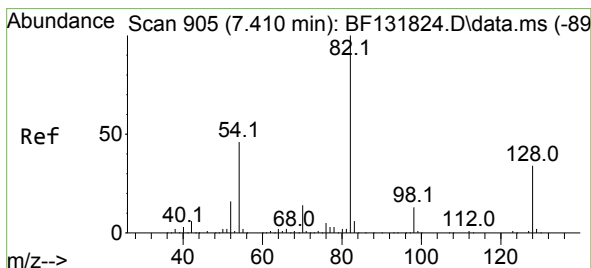
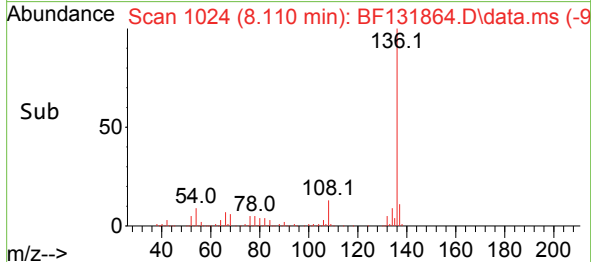
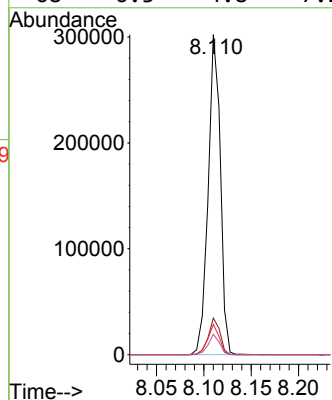
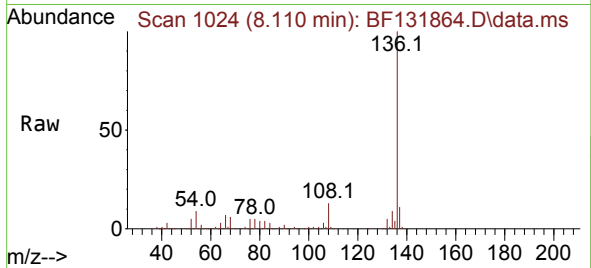


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.018 min
Lab File: BF131864.D
Acq: 28 Dec 2022 17:00

Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1

Tgt Ion:136 Resp: 270113

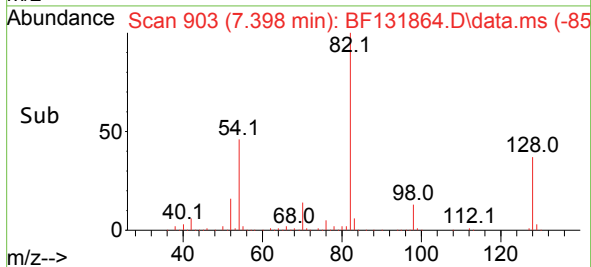
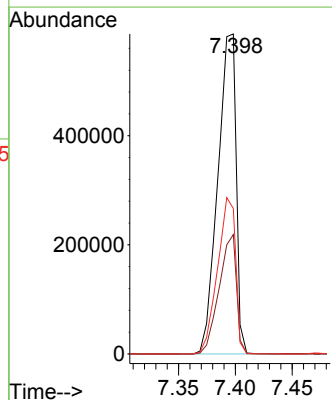
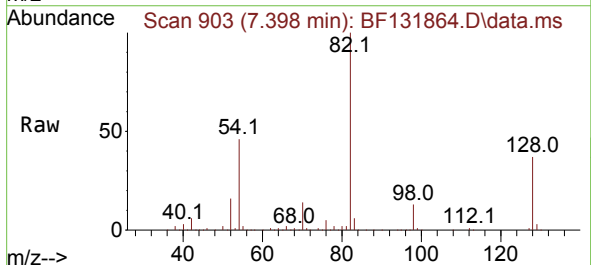
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	9.5	6.7	10.1
68	6.3	4.8	7.2

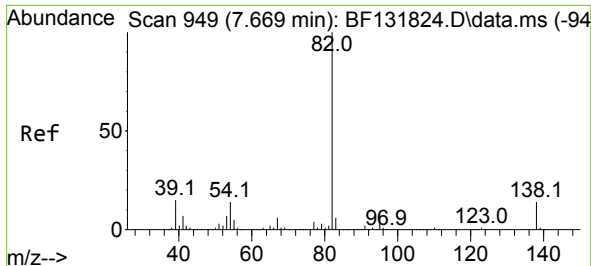


#23
Nitrobenzene-d5
Concen: 97.686 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF131864.D
Acq: 28 Dec 2022 17:00

Tgt Ion: 82 Resp: 660886

Ion	Ratio	Lower	Upper
82	100		
128	37.3	27.1	40.7
54	45.5	37.0	55.6

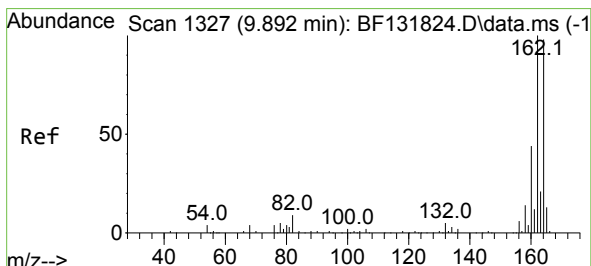
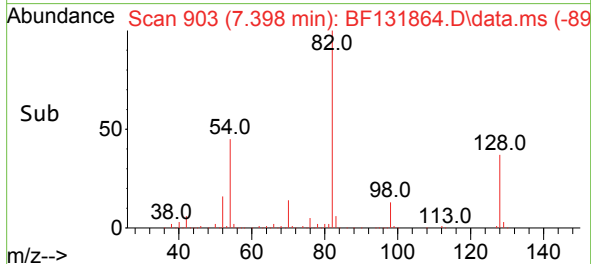
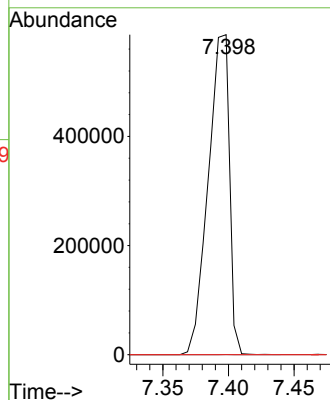
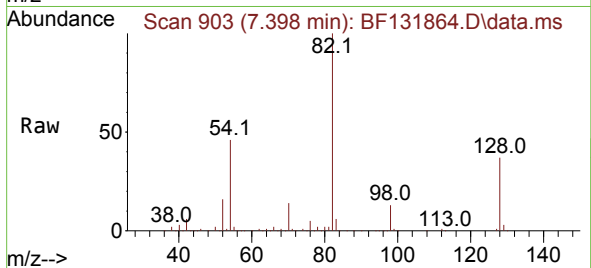




#25
Isophorone
Concen: 59.745 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF131864.D
Acq: 28 Dec 2022 17:00

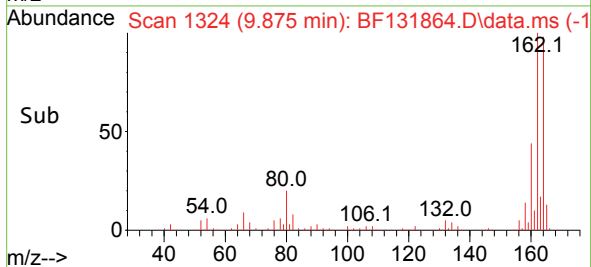
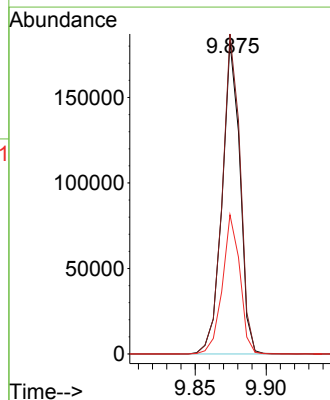
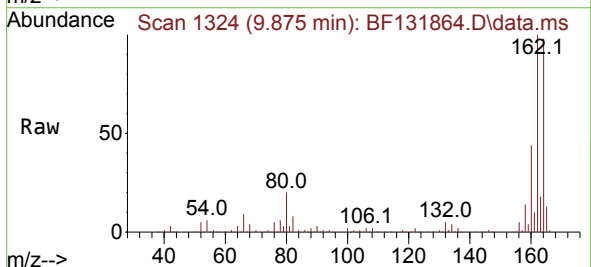
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1

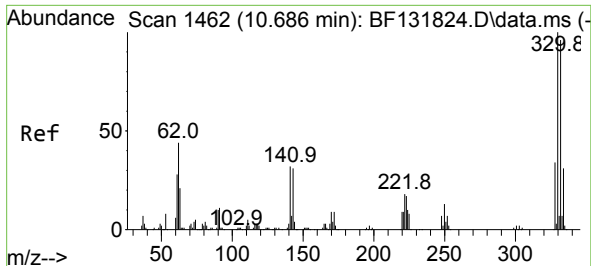
Tgt Ion: 82 Resp: 660091
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.018 min
Lab File: BF131864.D
Acq: 28 Dec 2022 17:00

Tgt Ion:164 Resp: 158095
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 44.5 35.7 53.5

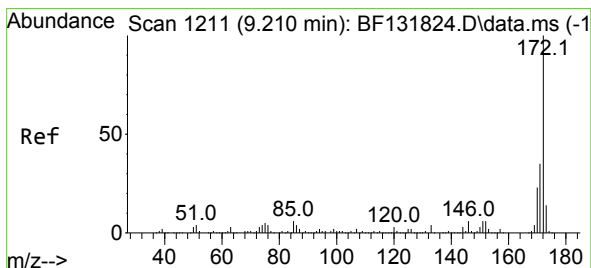
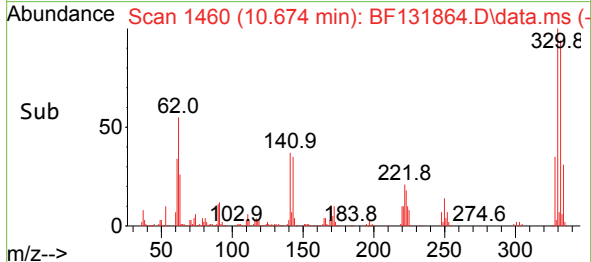
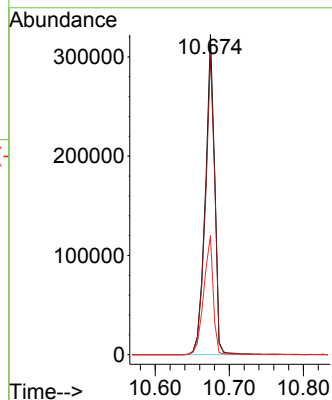
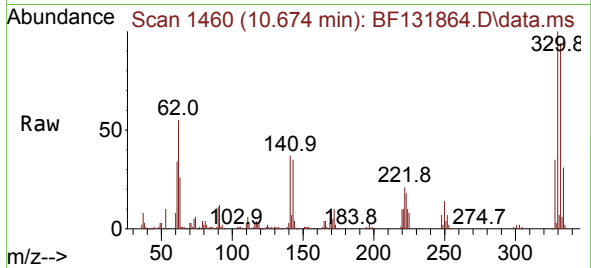




#42
2,4,6-Tribromophenol
Concen: 164.586 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF131864.D
Acq: 28 Dec 2022 17:00

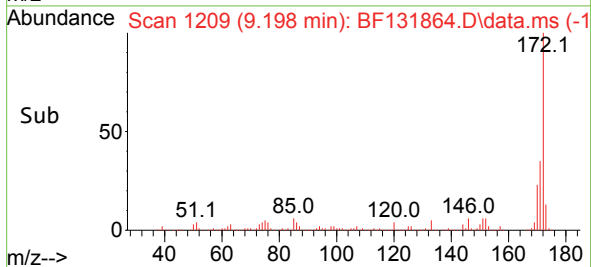
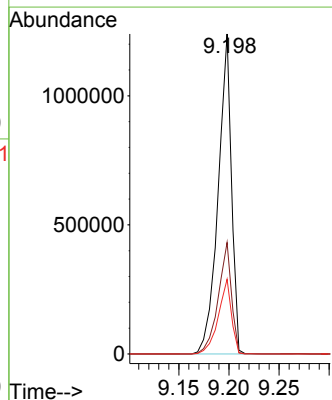
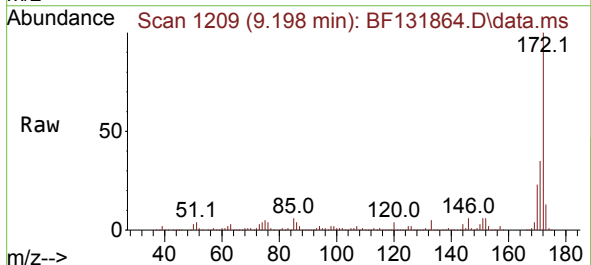
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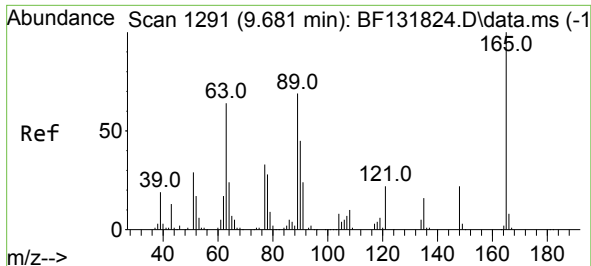
Tgt Ion:330 Resp: 282711
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.4
141 37.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 99.144 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF131864.D
Acq: 28 Dec 2022 17:00

Tgt Ion:172 Resp: 1144327
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.4 18.7 28.1

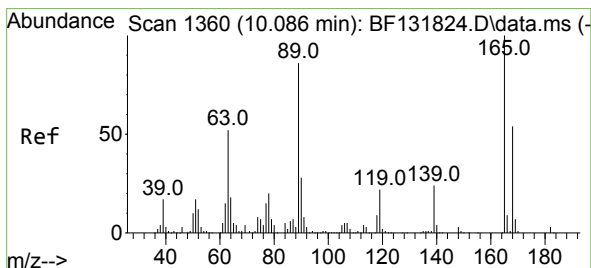
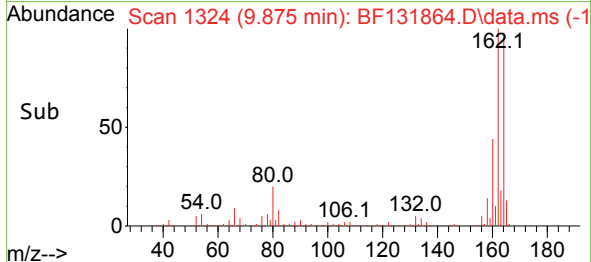
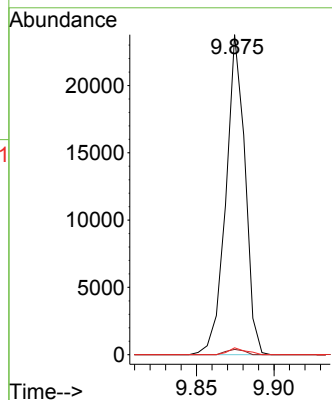
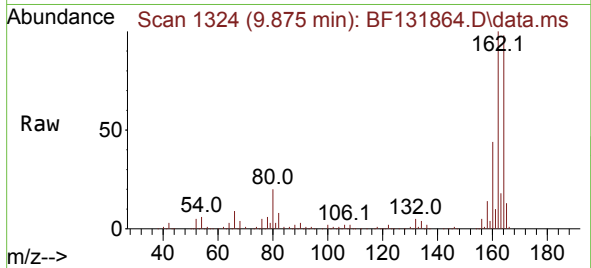




#51
2,6-Dinitrotoluene
Concen: 7.880 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF131864.D
Acq: 28 Dec 2022 17:00

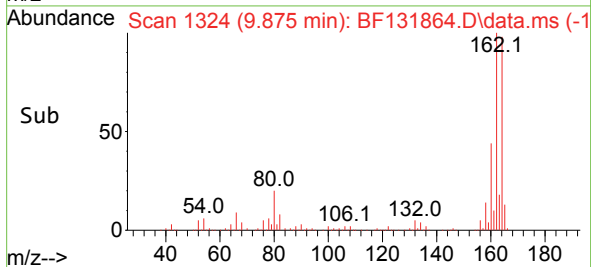
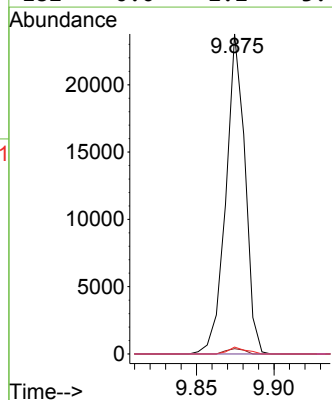
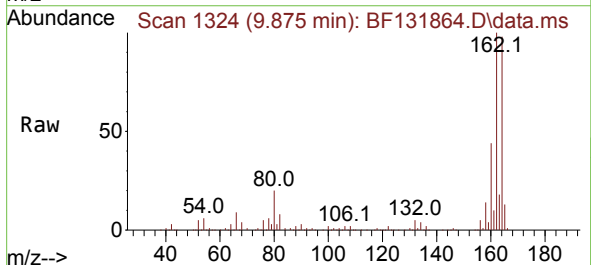
Instrument :
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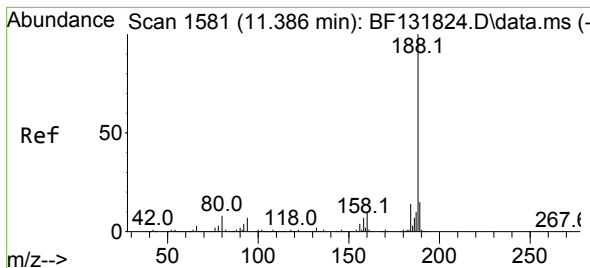
Tgt Ion:165 Resp: 20402
Ion Ratio Lower Upper
165 100
63 1.6 55.1 82.7#
89 2.2 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.762 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.212 min
Lab File: BF131864.D
Acq: 28 Dec 2022 17:00

Tgt Ion:165 Resp: 20402
Ion Ratio Lower Upper
165 100
63 1.6 42.1 63.1#
89 2.2 69.1 103.7#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF131864.D

Acq: 28 Dec 2022 17:00

Instrument :

BNA_F

ClientSampleId :

TR-604-COMP-1

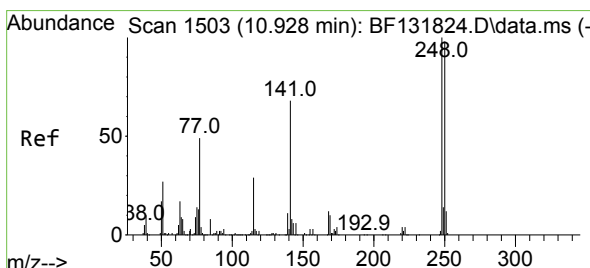
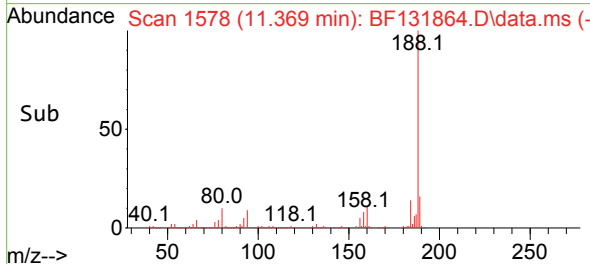
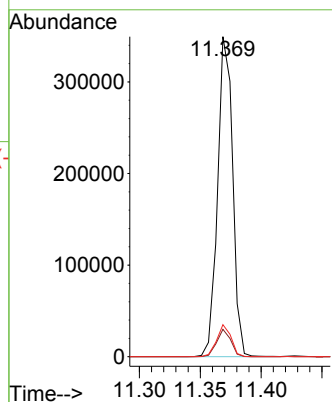
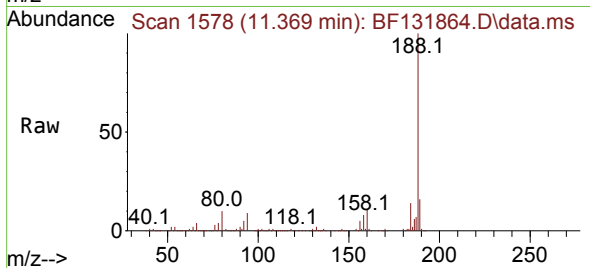
Tgt Ion:188 Resp: 301418

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.6

80 10.0 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 5.588 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF131864.D

Acq: 28 Dec 2022 17:00

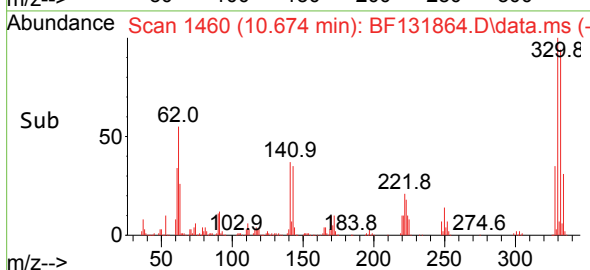
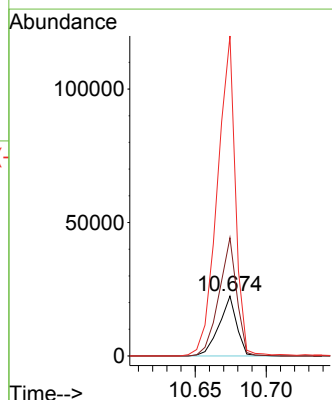
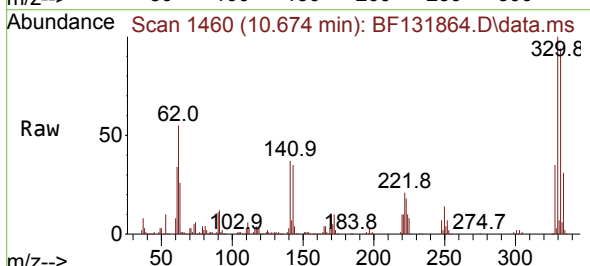
Tgt Ion:248 Resp: 19520

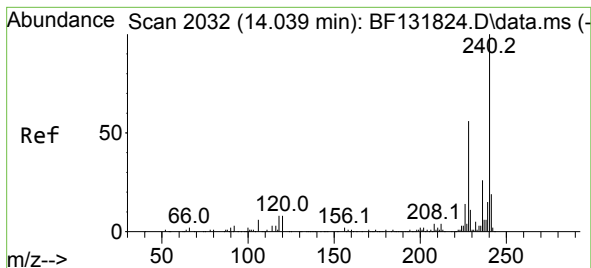
Ion Ratio Lower Upper

248 100

250 197.6 78.0 117.0#

141 535.0 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: BF131864.D

Acq: 28 Dec 2022 17:00

Instrument :

BNA_F

ClientSampleId :

TR-604-COMP-1

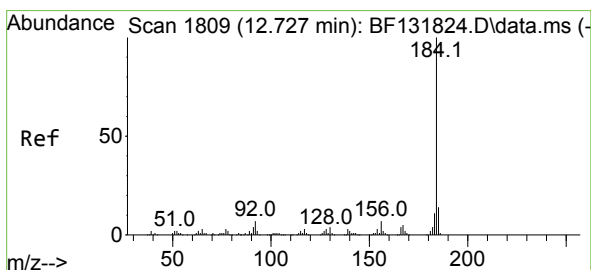
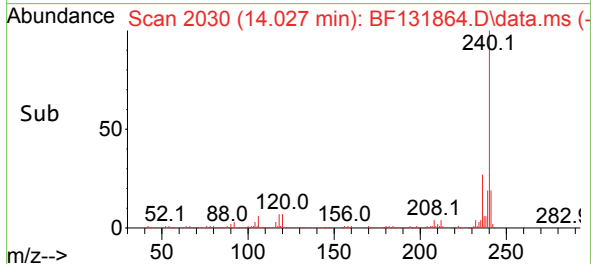
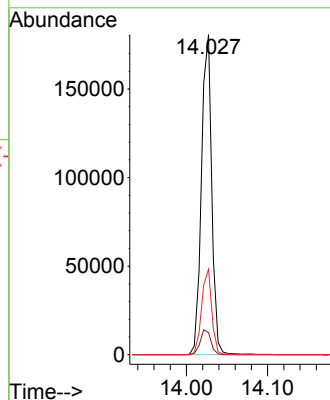
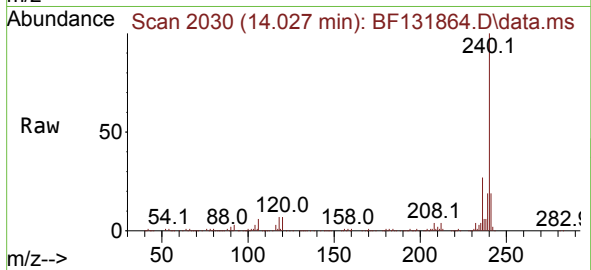
Tgt Ion:240 Resp: 159758

Ion Ratio Lower Upper

240 100

120 6.9 6.7 10.1

236 26.7 20.6 31.0



#77

Benzdine

Concen: 7.491 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF131864.D

Acq: 28 Dec 2022 17:00

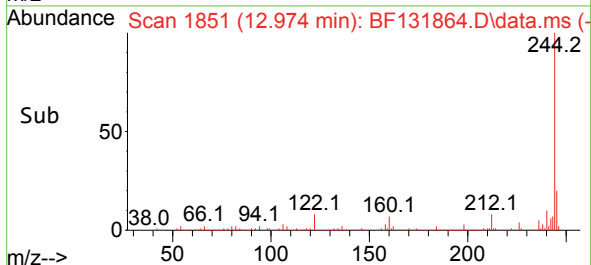
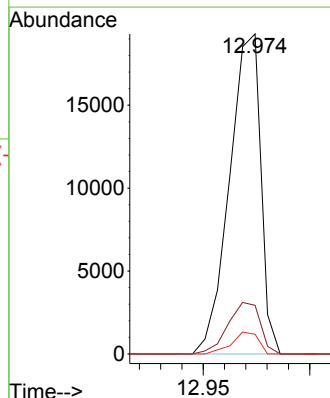
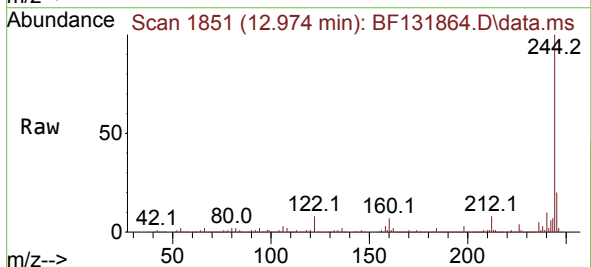
Tgt Ion:184 Resp: 19667

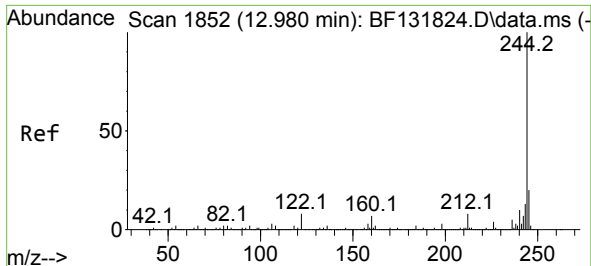
Ion Ratio Lower Upper

184 100

185 15.2 11.6 17.4

183 6.1 9.0 13.4#

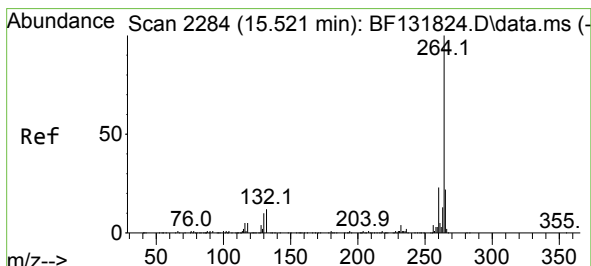
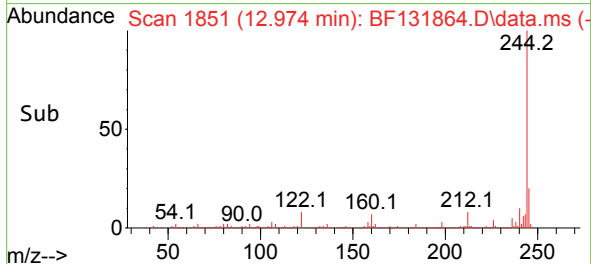
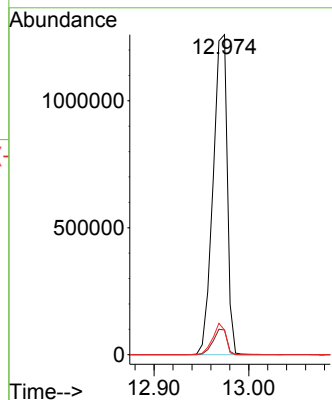
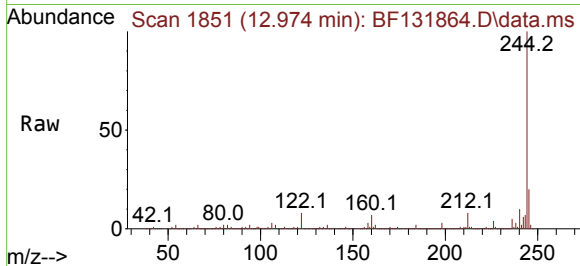




#79
 Terphenyl-d14
 Concen: 138.140 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131864.D
 Acq: 28 Dec 2022 17:00

Instrument :
 BNA_F
 ClientSampleId :
 TR-604-COMP-1

Tgt Ion:244 Resp: 1304682
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 7.7 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF131864.D
 Acq: 28 Dec 2022 17:00

Tgt Ion:264 Resp: 147787
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.9 17.4 26.0

