

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131855.D
 Acq On : 28 Dec 2022 11:30
 Operator : CG\JU
 Sample : PB149838TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149838TB

Quant Time: Dec 29 00:51:32 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)

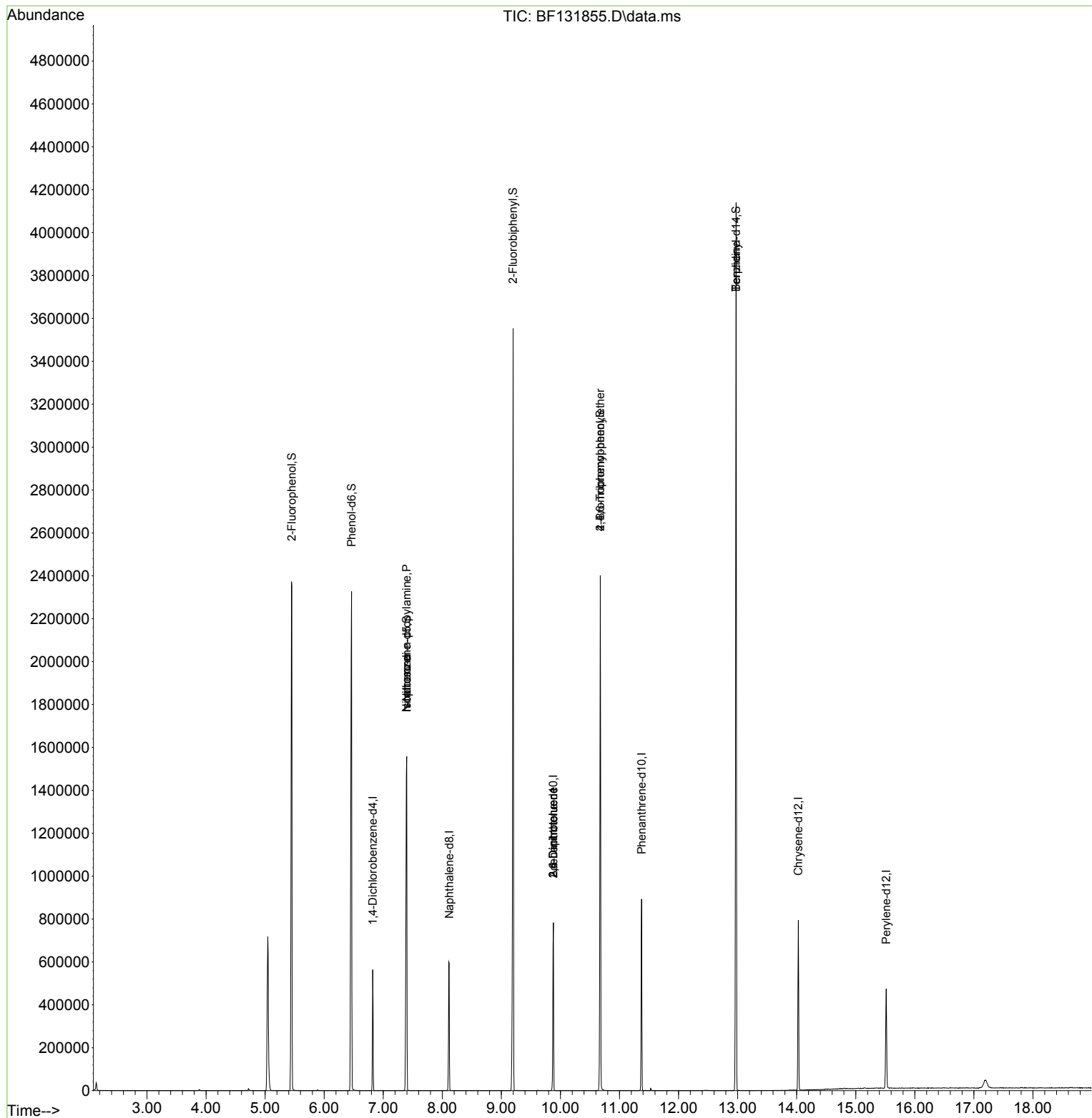
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	73985	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	271969	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	156612	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	314031	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	245697	20.000	ng	-0.01
86) Perylene-d12	15.515	264	207797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	691302	154.848	ng	0.01
7) Phenol-d6	6.463	99	892392	152.145	ng	0.00
23) Nitrobenzene-d5	7.398	82	631032	92.637	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	267156	157.003	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1092843	95.580	ng	-0.01
79) Terphenyl-d14	12.974	244	1425737	98.156	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	88114	21.271	ng	# 77
25) Isophorone	7.398	82	628003	56.453	ng	# 69
51) 2,6-Dinitrotoluene	9.880	165	19414	7.569	ng	# 17
57) 2,4-Dinitrotoluene	9.880	165	19414	5.535	ng	# 17
67) 4-Bromophenyl-phenylether	10.674	248	18215	5.005	ng	# 1
77) Benzidine	12.974	184	20696	5.126	ng	# 91

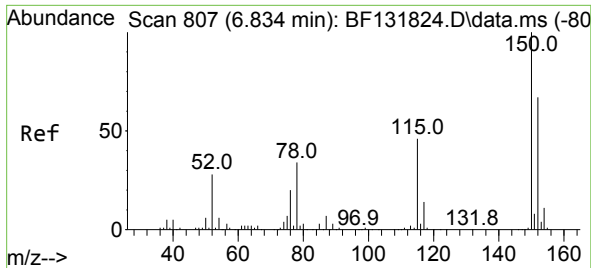
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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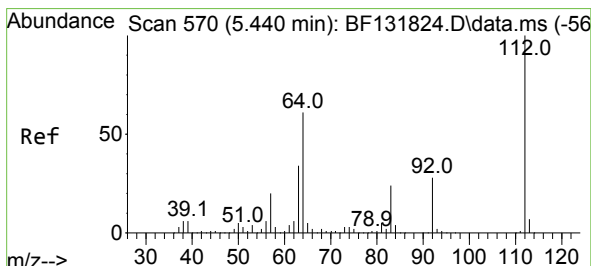
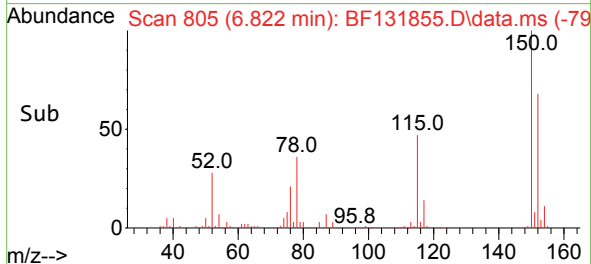
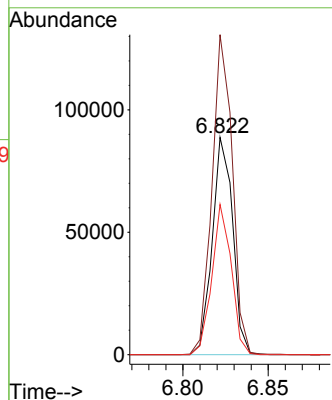
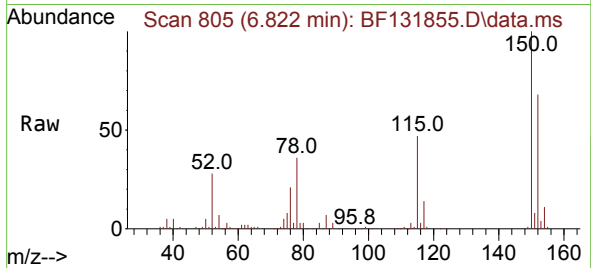




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

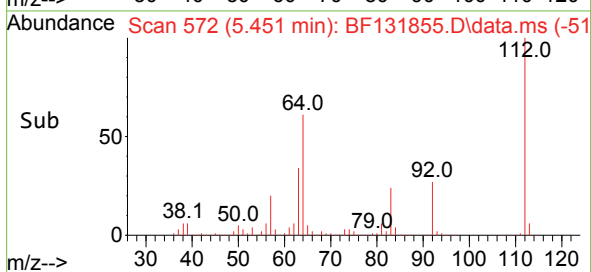
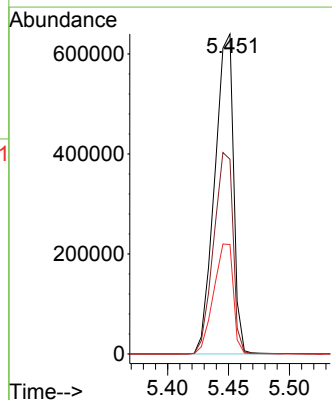
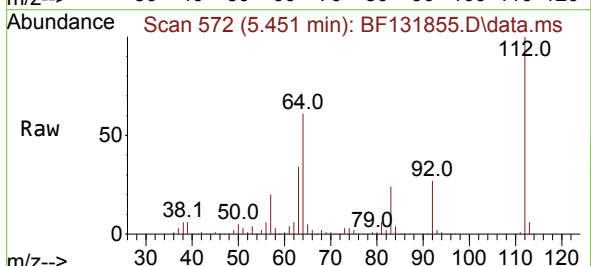
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BNA_F
ClientSampleId :
PB149838TB

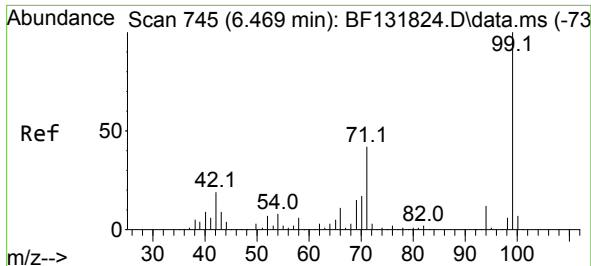
Tgt Ion:152 Resp: 73985
Ion Ratio Lower Upper
152 100
150 147.3 120.0 180.0
115 69.2 55.1 82.7



#5
2-Fluorophenol
Concen: 154.848 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

Tgt Ion:112 Resp: 691302
Ion Ratio Lower Upper
112 100
64 60.8 49.2 73.8
63 34.2 27.5 41.3

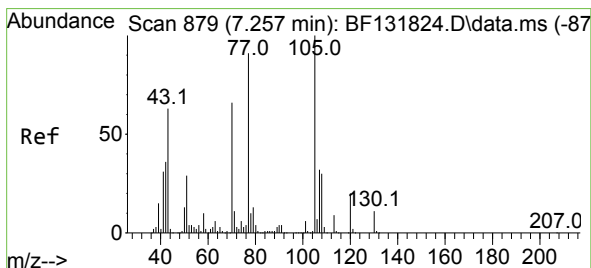
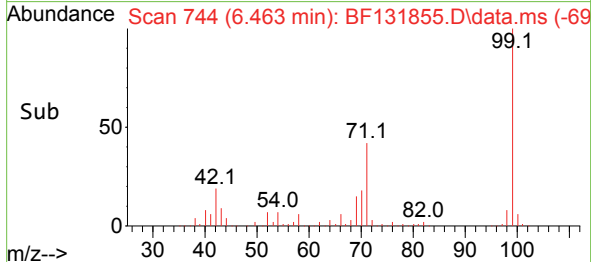
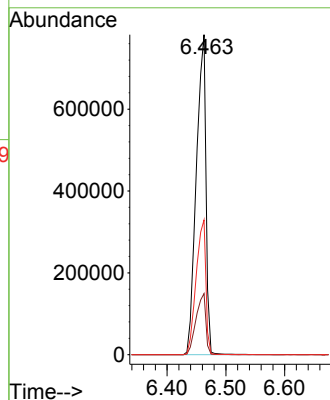
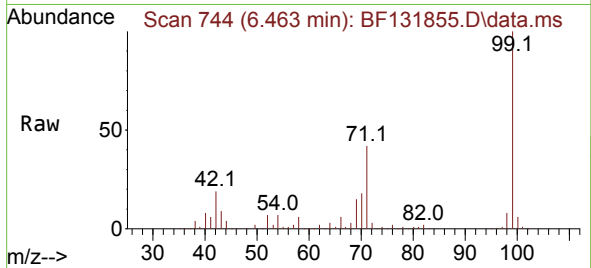




#7
Phenol-d6
Concen: 152.145 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

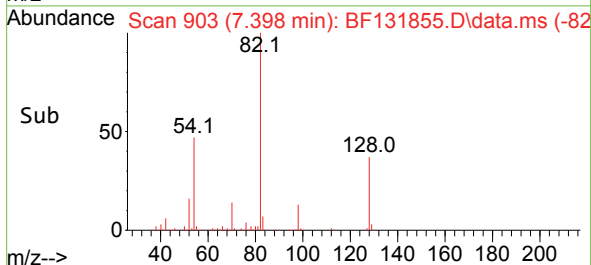
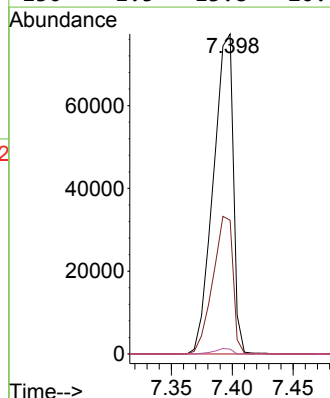
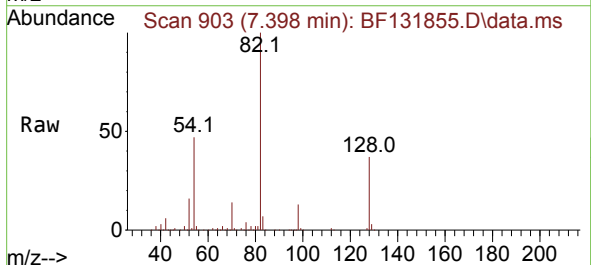
Instrument :
BNA_F
ClientSampleId :
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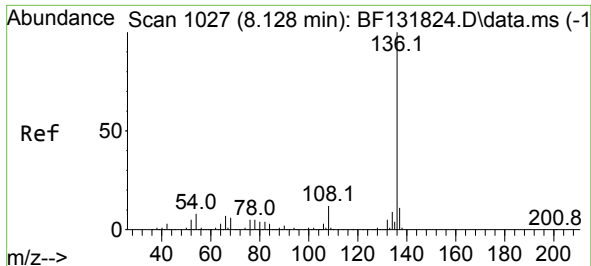
Tgt Ion: 99 Resp: 892392
Ion Ratio Lower Upper
99 100
42 19.1 15.3 22.9
71 42.1 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.271 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 70 Resp: 88114
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#

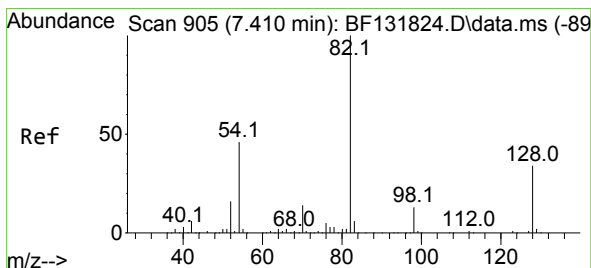
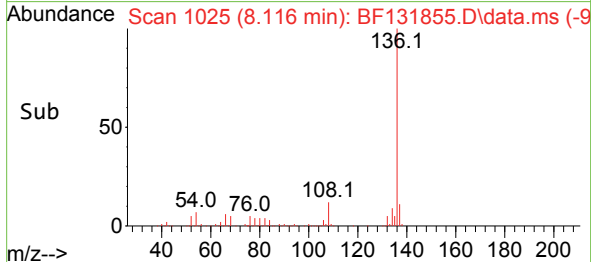
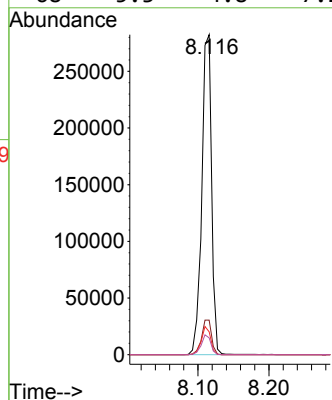
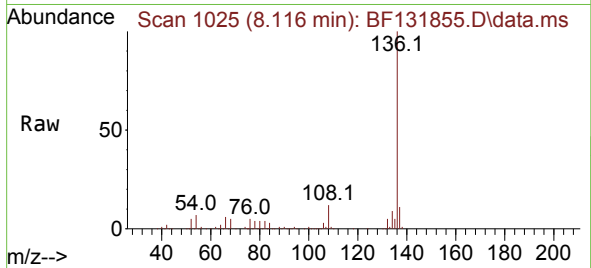




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

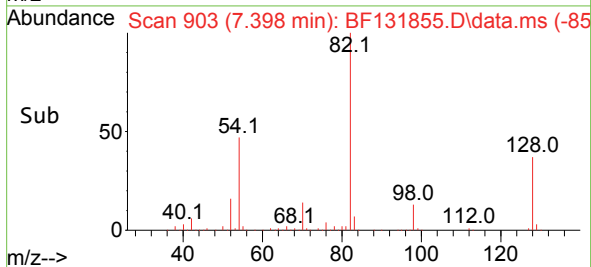
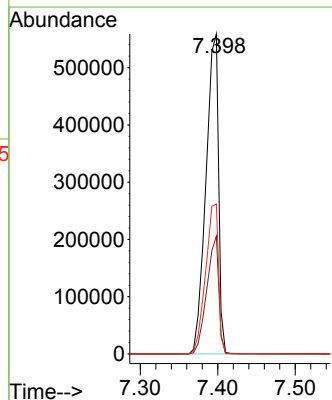
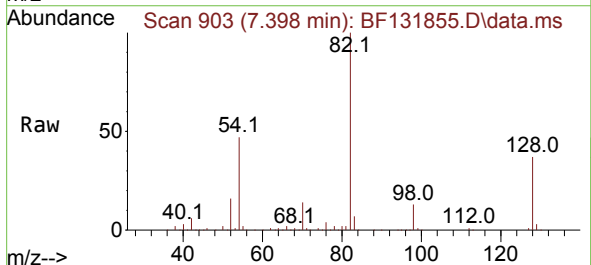
Instrument :
BNA_F
ClientSampleId :
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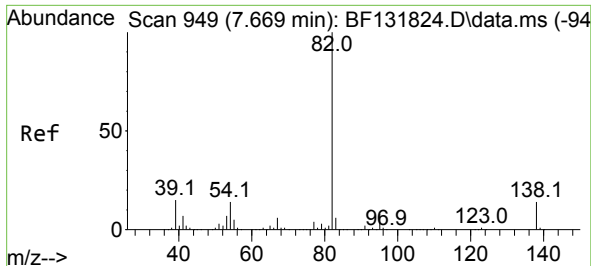
Tgt Ion:136 Resp: 271969
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.2 6.7 10.1
68 5.3 4.8 7.2



#23
Nitrobenzene-d5
Concen: 92.637 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 82 Resp: 631032
Ion Ratio Lower Upper
82 100
128 36.8 27.1 40.7
54 46.9 37.0 55.6

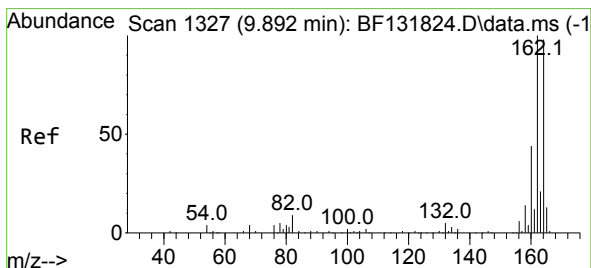
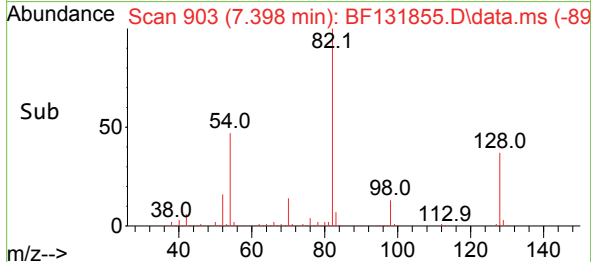
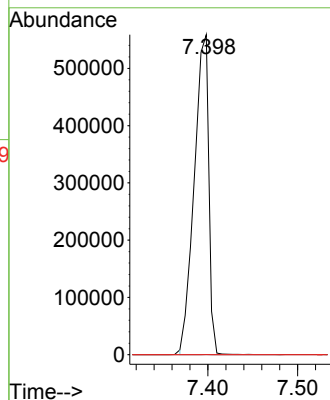
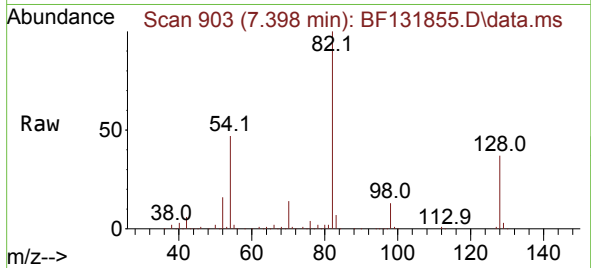




#25
Isophorone
Concen: 56.453 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

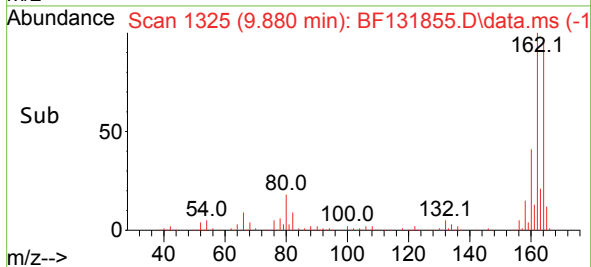
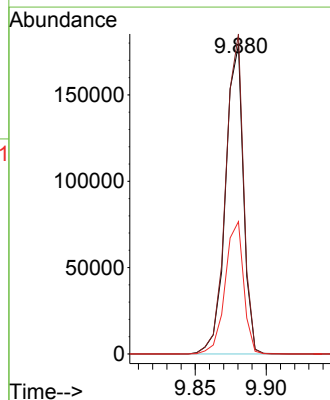
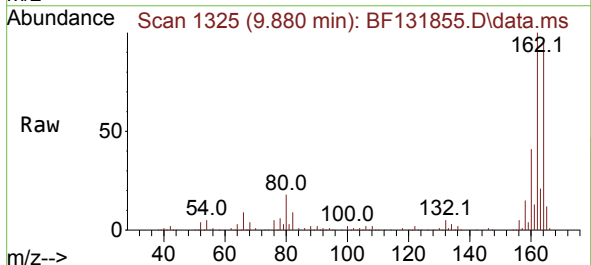
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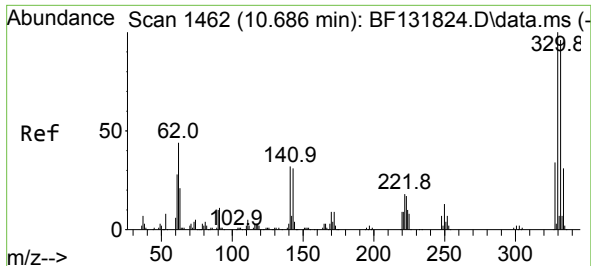
Tgt Ion: 82 Resp: 628003
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

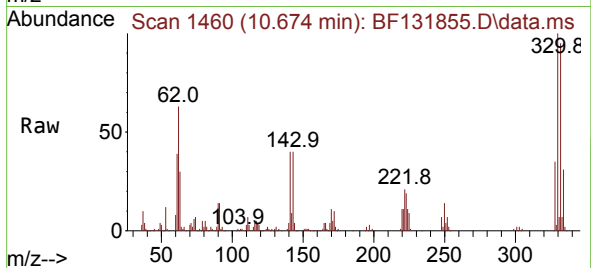
Tgt Ion: 164 Resp: 156612
Ion Ratio Lower Upper
164 100
162 103.6 81.8 122.6
160 42.8 35.7 53.5



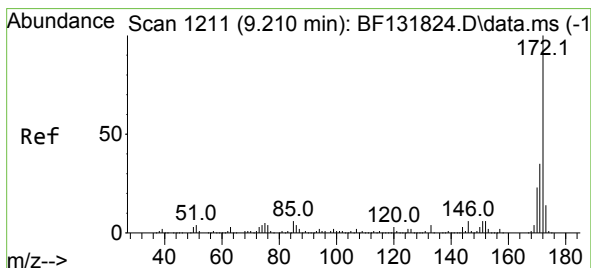
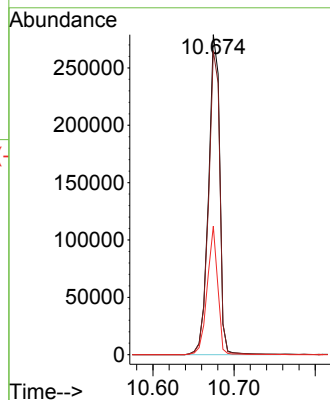
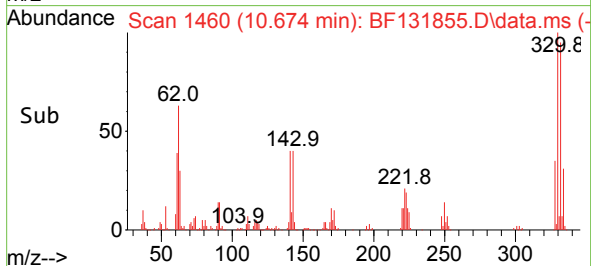


#42
 2,4,6-Tribromophenol
 Concen: 157.003 ng
 RT: 10.674 min Scan# 1460
 Delta R.T. -0.012 min
 Lab File: BF131855.D
 Acq: 28 Dec 2022 11:30

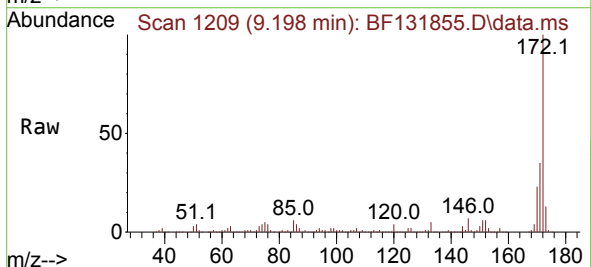
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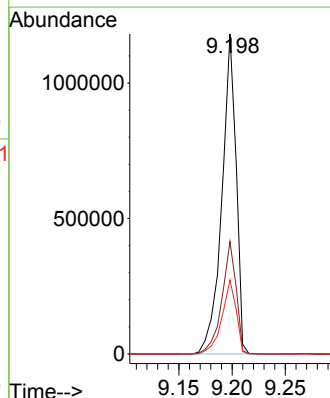
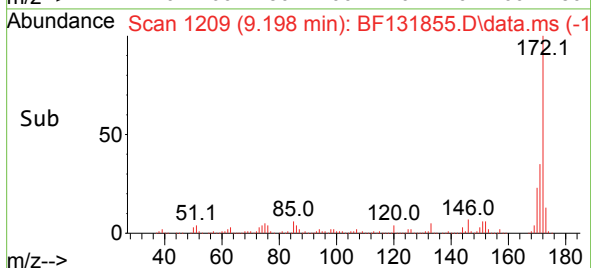
Tgt Ion:330 Resp: 267156
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.4
 141 37.5 31.0 46.4

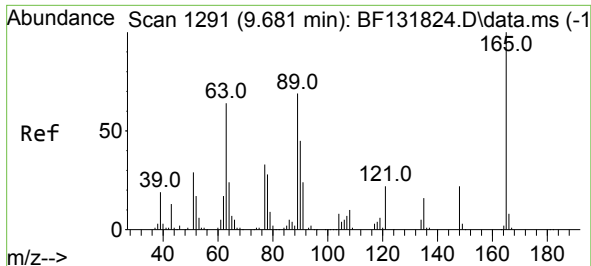


#45
 2-Fluorobiphenyl
 Concen: 95.580 ng
 RT: 9.198 min Scan# 1209
 Delta R.T. -0.012 min
 Lab File: BF131855.D
 Acq: 28 Dec 2022 11:30



Tgt Ion:172 Resp: 1092843
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.9 41.9
 170 23.1 18.7 28.1

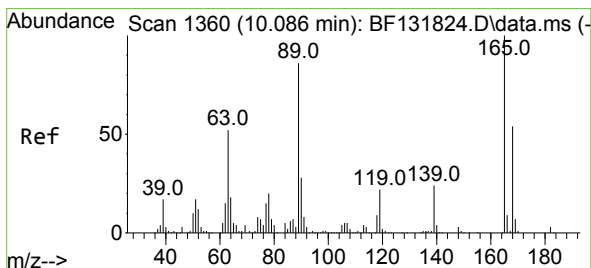
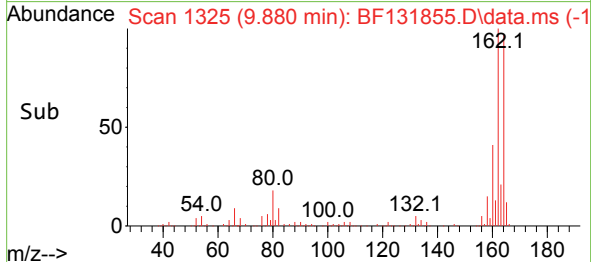
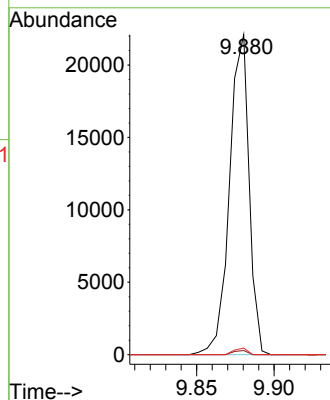
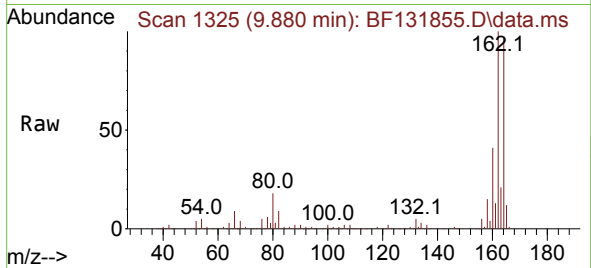




#51
2,6-Dinitrotoluene
Concen: 7.569 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

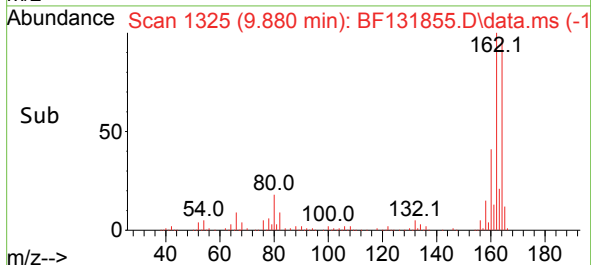
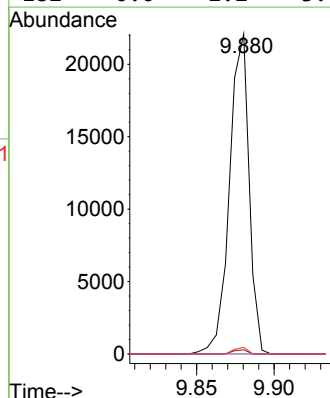
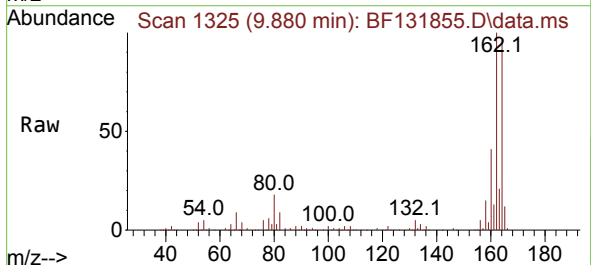
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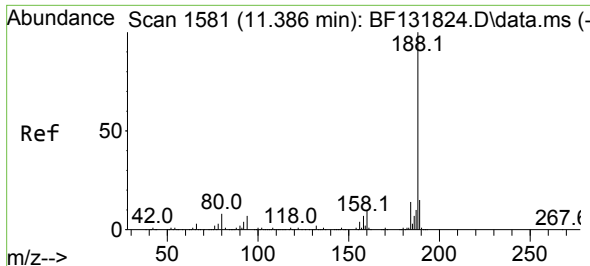
Tgt Ion:165 Resp: 19414
Ion Ratio Lower Upper
165 100
63 1.3 55.1 82.7#
89 2.1 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.535 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

Tgt Ion:165 Resp: 19414
Ion Ratio Lower Upper
165 100
63 1.3 42.1 63.1#
89 2.1 69.1 103.7#
182 0.0 2.2 3.4#

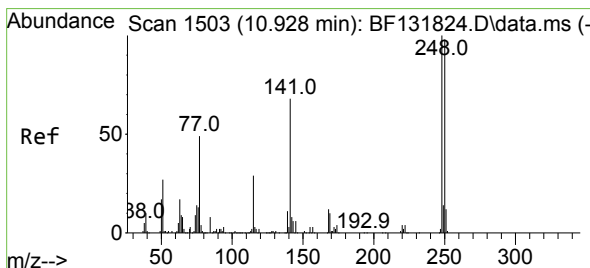
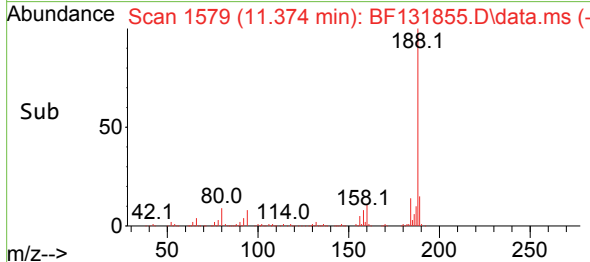
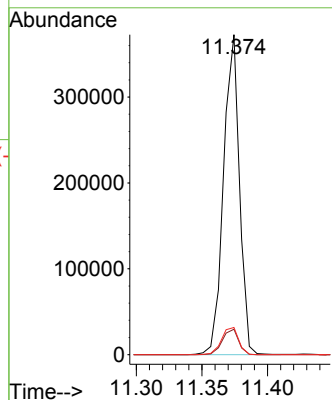
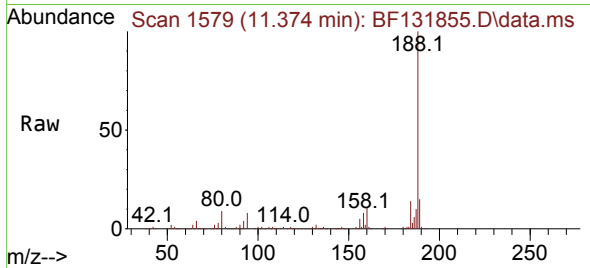




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

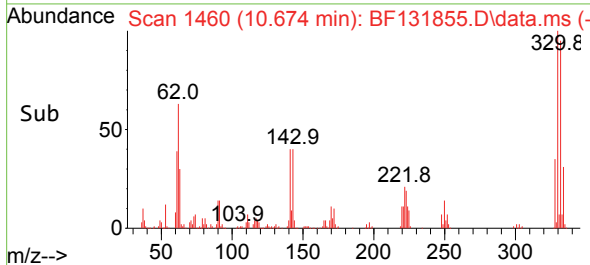
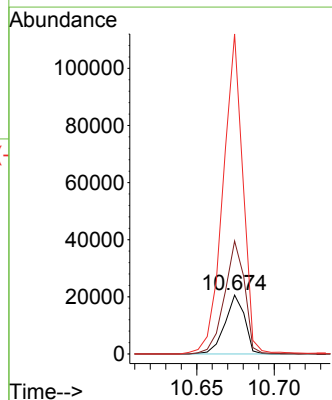
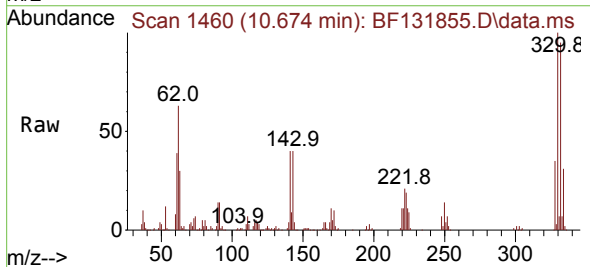
Instrument :
BNA_F
ClientSampleId :
PB149838TB

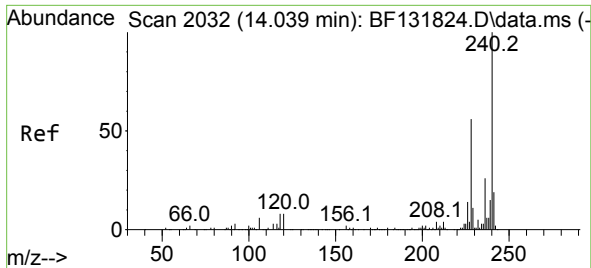
Tgt Ion:188 Resp: 314031
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.6
80 8.5 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 5.005 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.253 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

Tgt Ion:248 Resp: 18215
Ion Ratio Lower Upper
248 100
250 191.7 78.0 117.0#
141 543.0 54.8 82.2#

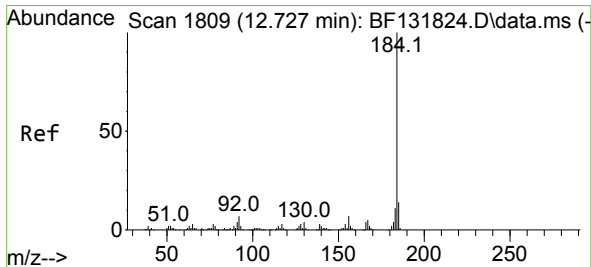
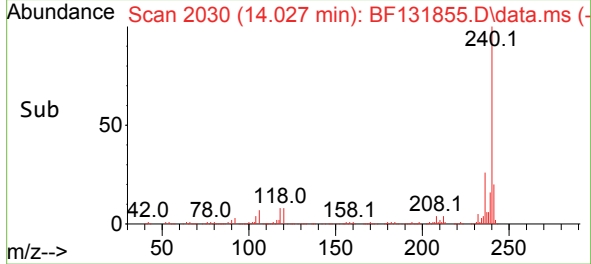
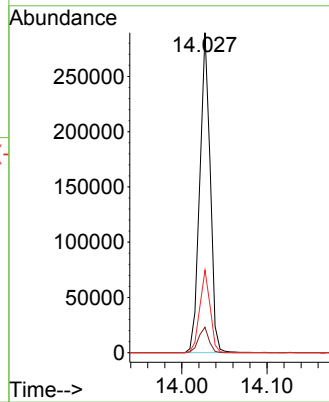
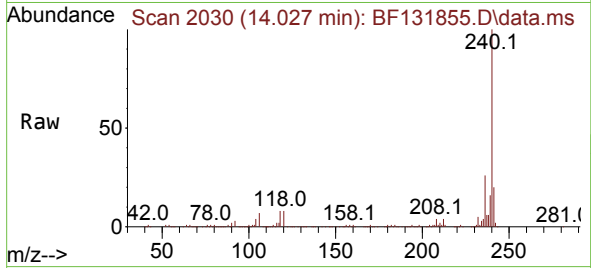




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

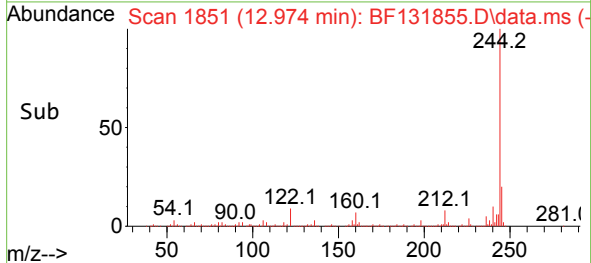
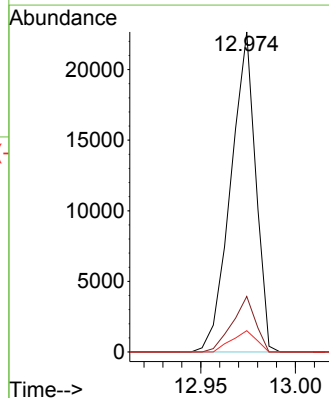
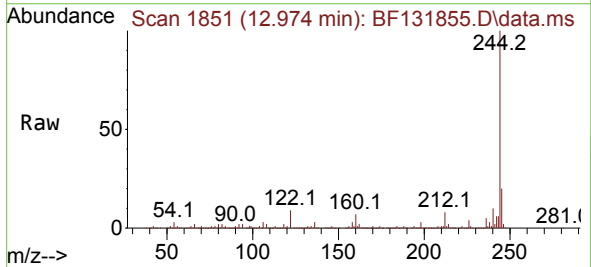
Instrument :
BNA_F
ClientSampleId :
PB149838TB

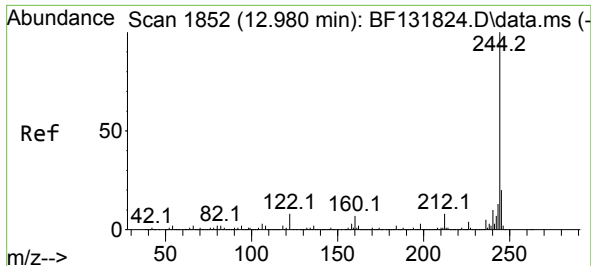
Tgt Ion:240 Resp: 245697
Ion Ratio Lower Upper
240 100
120 8.0 6.7 10.1
236 25.8 20.6 31.0



#77
Benzidine
Concen: 5.126 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF131855.D
Acq: 28 Dec 2022 11:30

Tgt Ion:184 Resp: 20696
Ion Ratio Lower Upper
184 100
185 17.3 11.6 17.4
183 6.7 9.0 13.4#

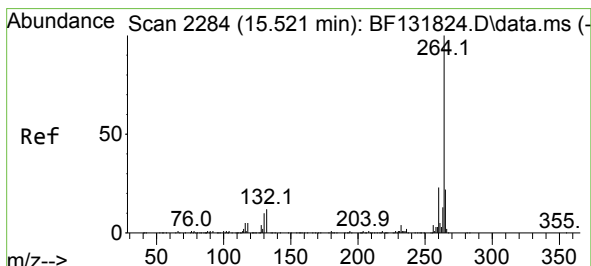
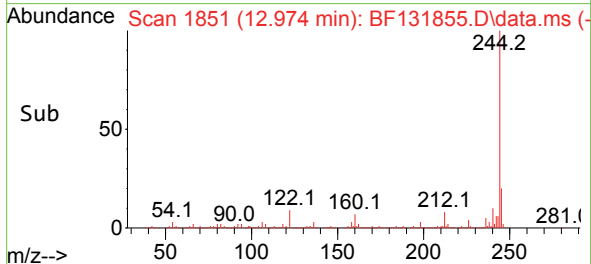
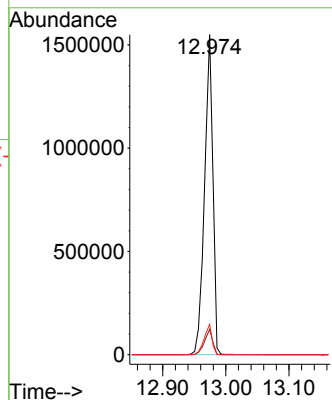
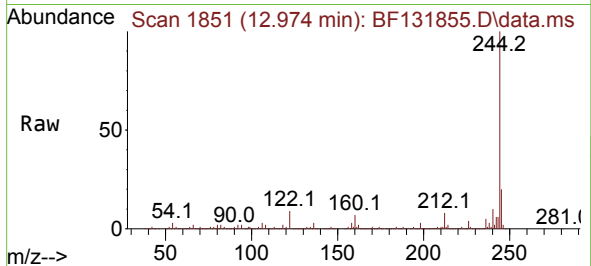




#79
 Terphenyl-d14
 Concen: 98.156 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131855.D
 Acq: 28 Dec 2022 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB149838TB

Tgt Ion:244 Resp: 1425737
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 9.5 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF131855.D
 Acq: 28 Dec 2022 11:30

Tgt Ion:264 Resp: 207797
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.5 17.4 26.0

