

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134530.D
 Acq On : 28 Jul 2023 23:36
 Operator : CG\JU
 Sample : 03742-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P32B

Quant Time: Jul 29 01:29:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

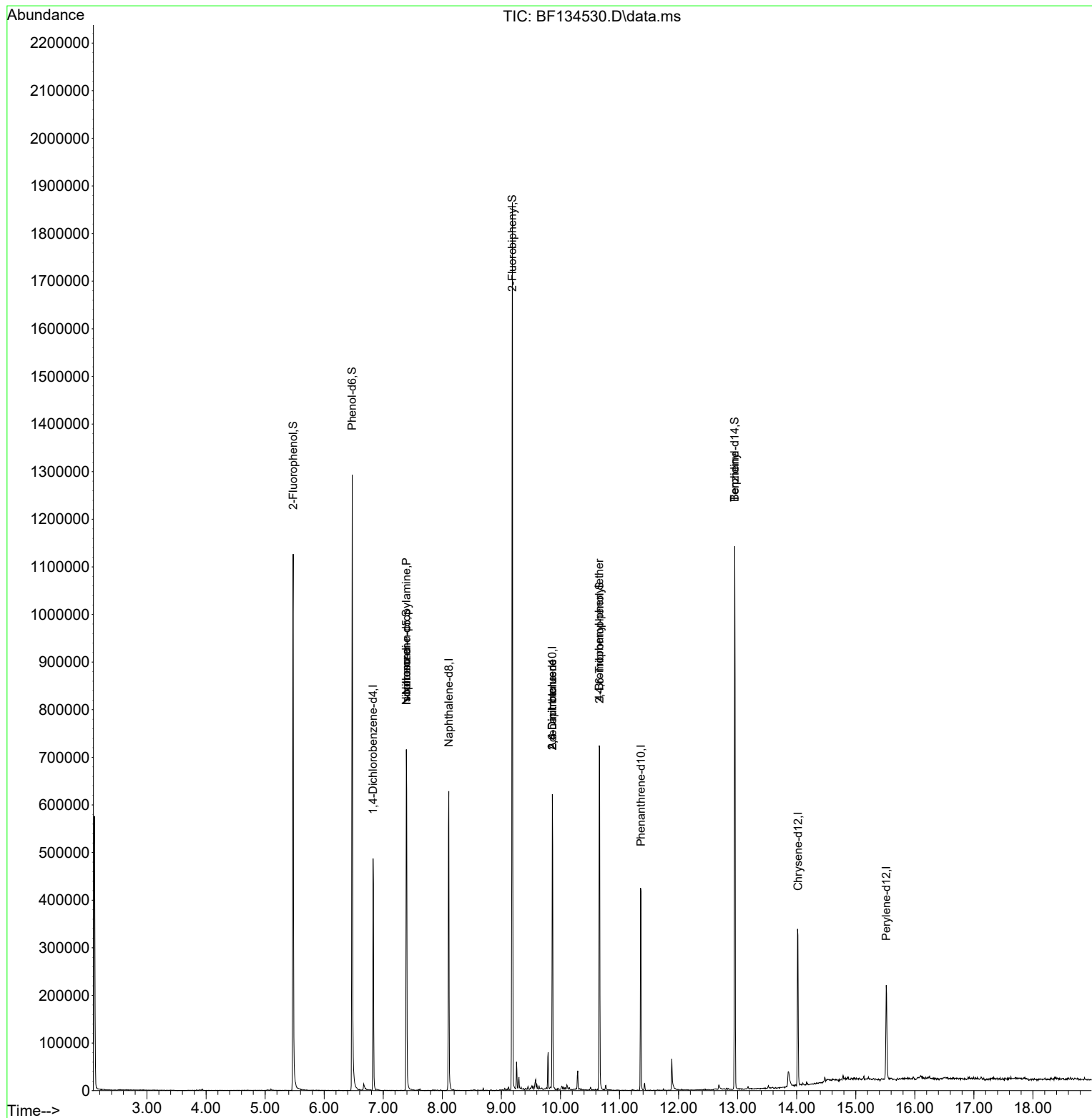
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	73838	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	278515	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	121936	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	169628	20.000	ng	0.00
76) Chrysene-d12	14.021	240	115026	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	95209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	306933	68.679	ng	0.01
7) Phenol-d6	6.475	99	404996	73.965	ng	0.00
23) Nitrobenzene-d5	7.392	82	235662	42.810	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	100832	58.201	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	535988	57.706	ng	0.00
79) Terphenyl-d14	12.951	244	394029	59.799	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	33282	9.764	ng	# 75
25) Isophorone	7.392	82	235656	25.686	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	15757	7.945	ng	# 18
57) 2,4-Dinitrotoluene	9.863	165	15757	5.915	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	5933	3.192	ng	# 1
77) Benzidine	12.951	184	5580	2.272	ng	# 88

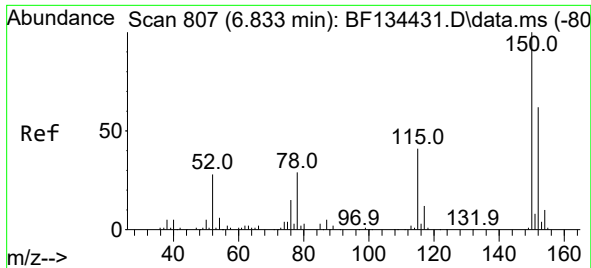
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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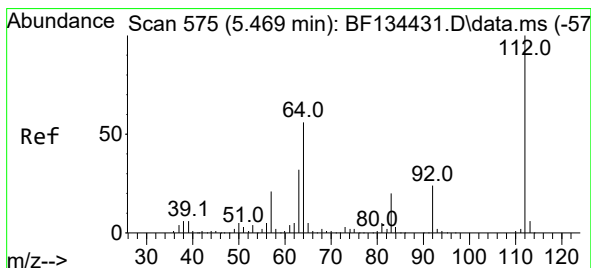
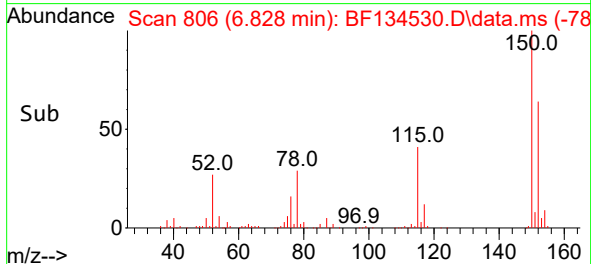
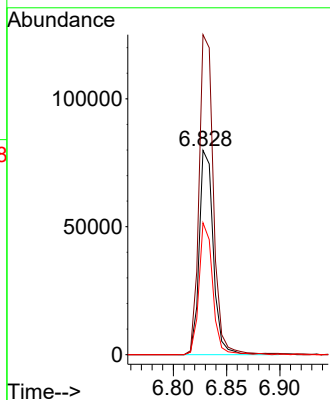
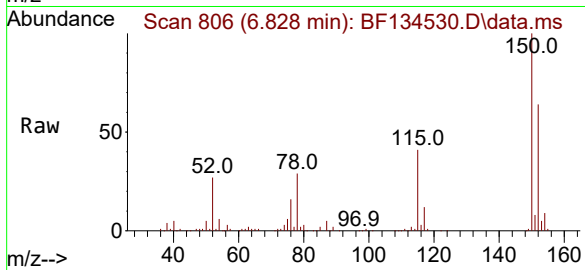




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 807
 Delta R.T. -0.000 min
 Lab File: BF134530.D
 Acq: 28 Jul 2023 23:36

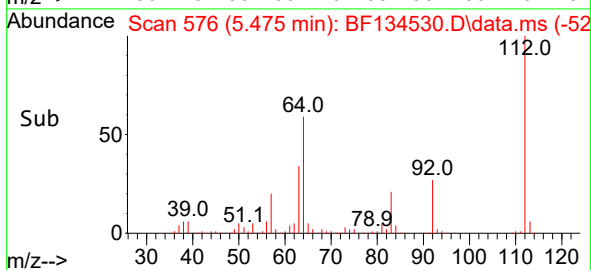
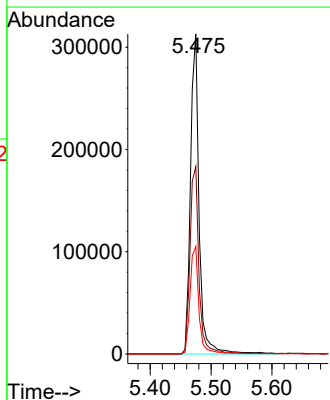
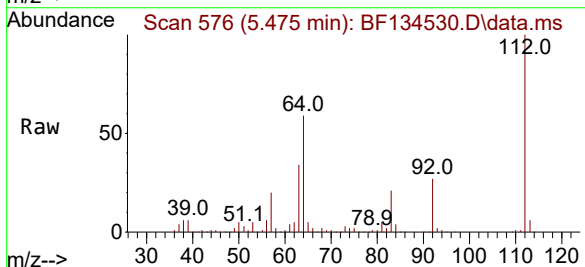
Instrument :
 BNA_F
 ClientSampleId :
 B-P32B

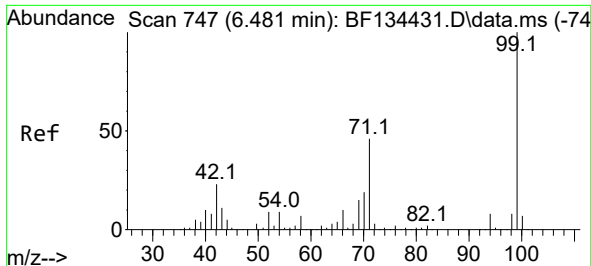
Tgt Ion:152 Resp: 73838
 Ion Ratio Lower Upper
 152 100
 150 156.6 128.3 192.5
 115 64.5 52.4 78.6



#5
 2-Fluorophenol
 Concen: 68.679 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.012 min
 Lab File: BF134530.D
 Acq: 28 Jul 2023 23:36

Tgt Ion:112 Resp: 306933
 Ion Ratio Lower Upper
 112 100
 64 58.6 44.9 67.3
 63 33.6 25.4 38.0

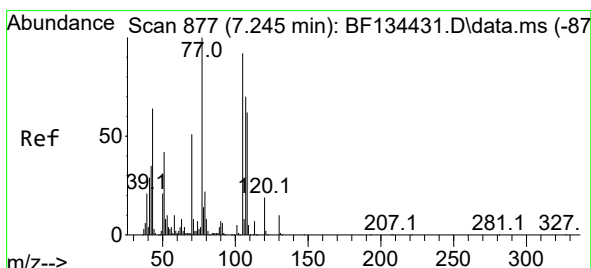
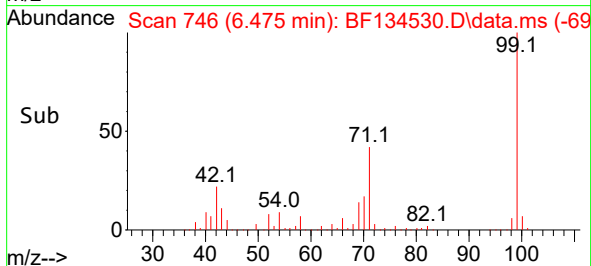
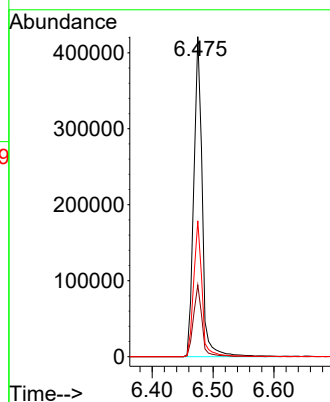
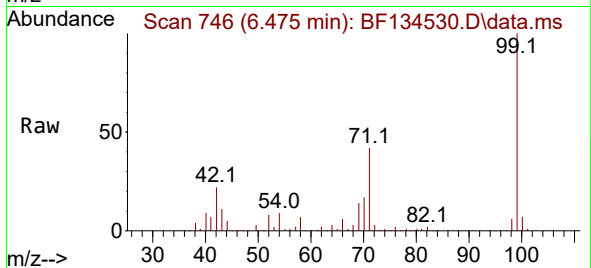




#7
Phenol-d6
Concen: 73.965 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134530.D
Acq: 28 Jul 2023 23:36

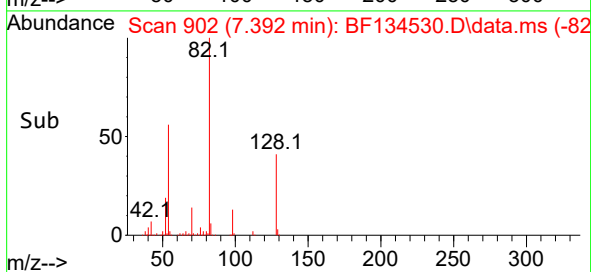
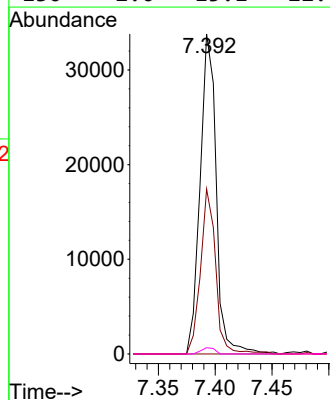
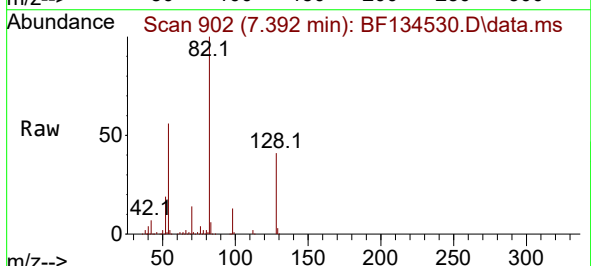
Instrument :
BNA_F
ClientSampleId :
B-P32B

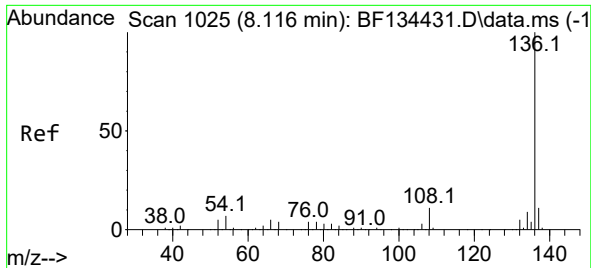
Tgt Ion: 99 Resp: 404996
Ion Ratio Lower Upper
99 100
42 22.4 18.7 28.1
71 42.5 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.764 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.153 min
Lab File: BF134530.D
Acq: 28 Jul 2023 23:36

Tgt Ion: 70 Resp: 33282
Ion Ratio Lower Upper
70 100
42 51.6 54.7 82.1#
101 0.0 8.2 12.2#
130 2.0 15.1 22.7#

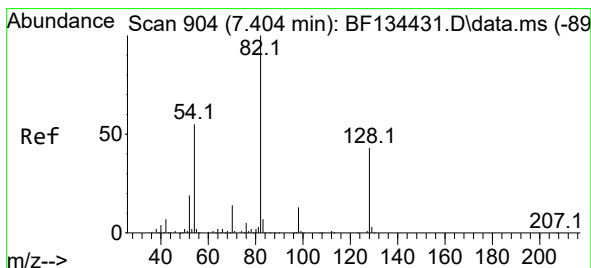
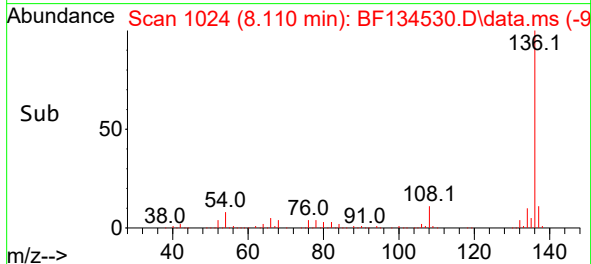
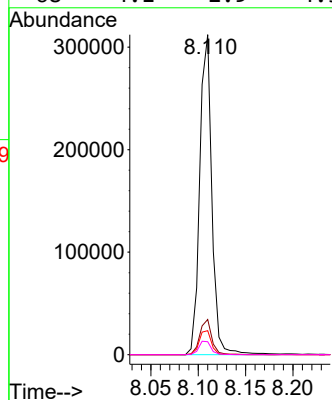
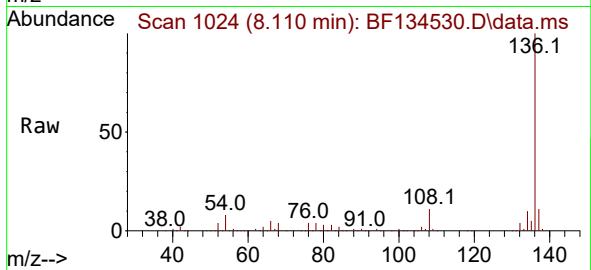




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BF134530.D
Acq: 28 Jul 2023 23:36

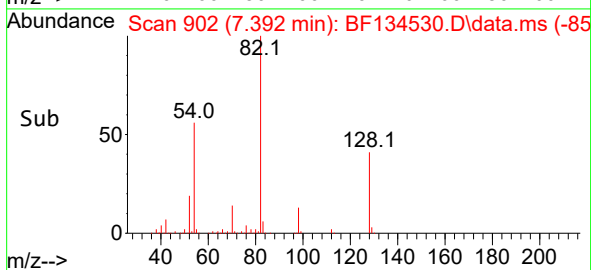
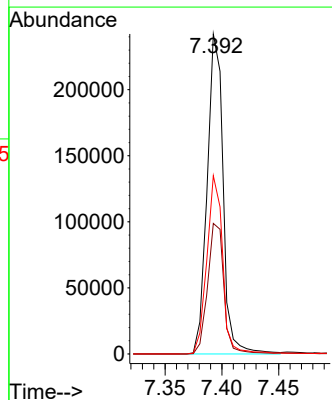
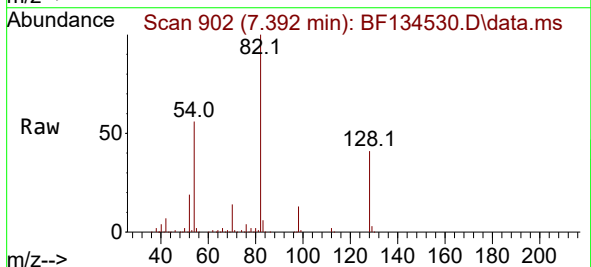
Instrument :
BNA_F
ClientSampleId :
B-P32B

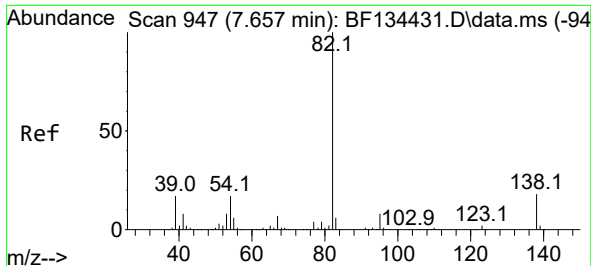
Tgt Ion:136 Resp: 278515
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.5 5.2 7.8
68 4.1 2.9 4.3



#23
Nitrobenzene-d5
Concen: 42.810 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF134530.D
Acq: 28 Jul 2023 23:36

Tgt Ion: 82 Resp: 235662
Ion Ratio Lower Upper
82 100
128 40.8 34.3 51.5
54 55.7 43.8 65.6

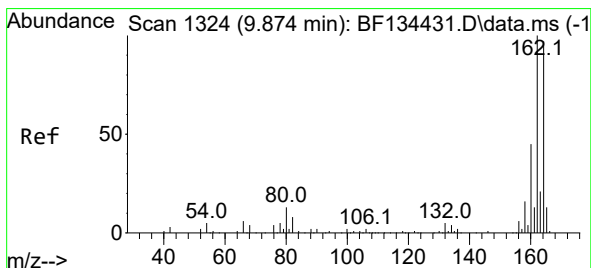
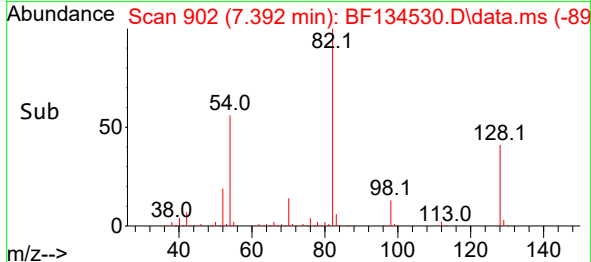
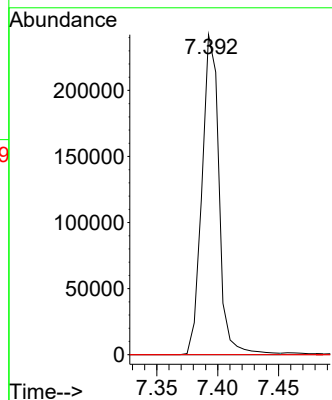
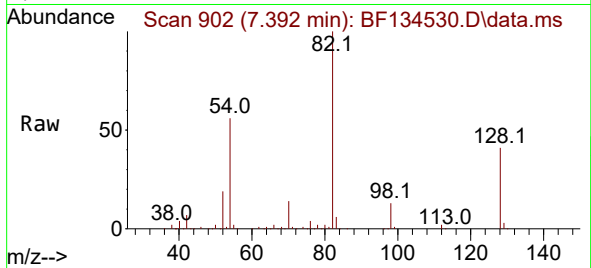




#25
Isophorone
Concen: 25.686 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134530.D
Acq: 28 Jul 2023 23:36

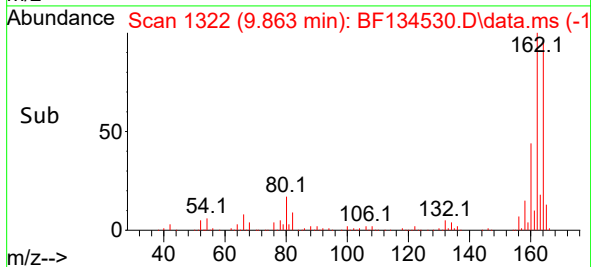
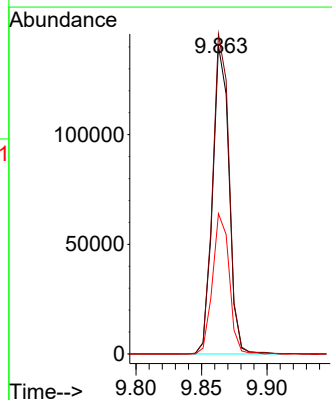
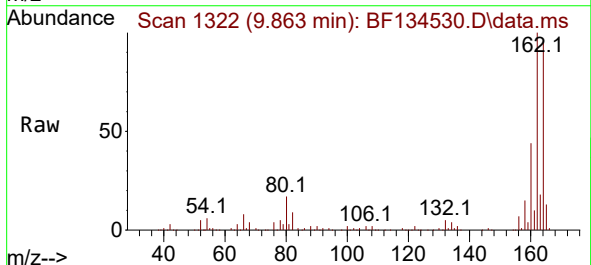
Instrument :
BNA_F
ClientSampleId :
B-P32B

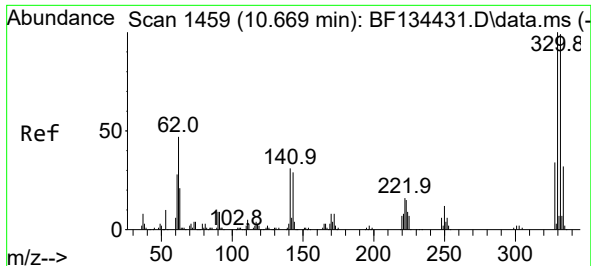
Tgt Ion: 82 Resp: 235656
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF134530.D
Acq: 28 Jul 2023 23:36

Tgt Ion:164 Resp: 121936
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 45.5 37.2 55.8

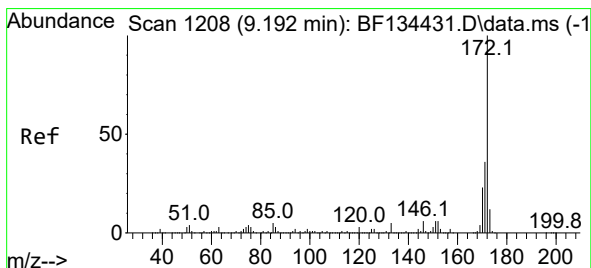
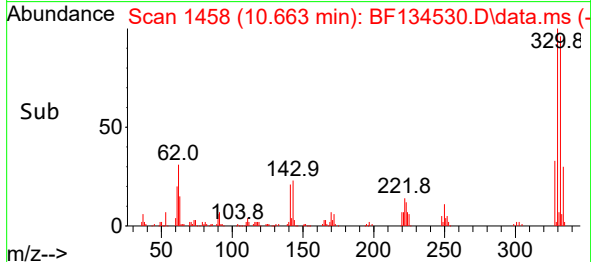
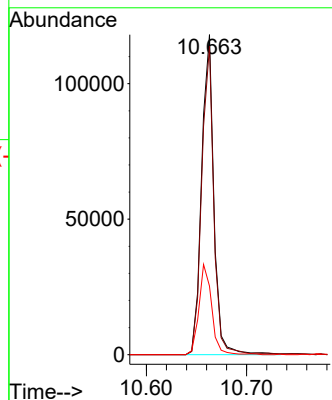
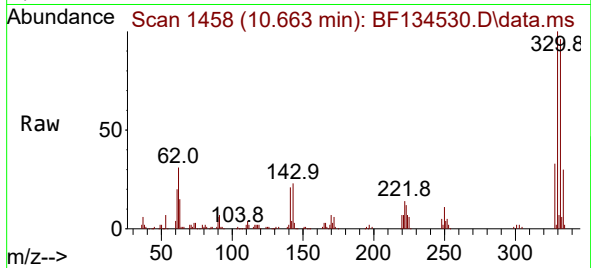




#42
2,4,6-Tribromophenol
Concen: 58.201 ng
RT: 10.663 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134530.D
Acq: 28 Jul 2023 23:36

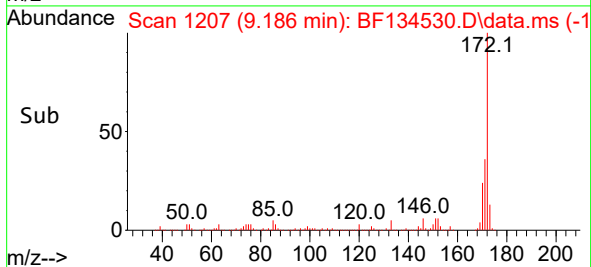
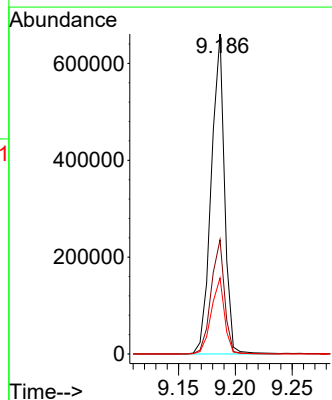
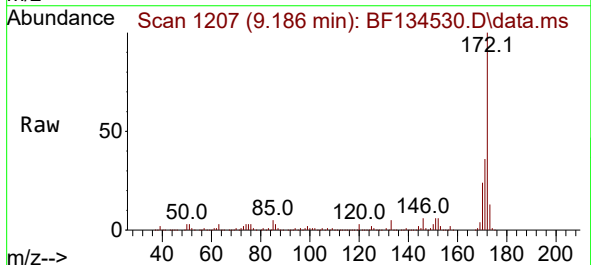
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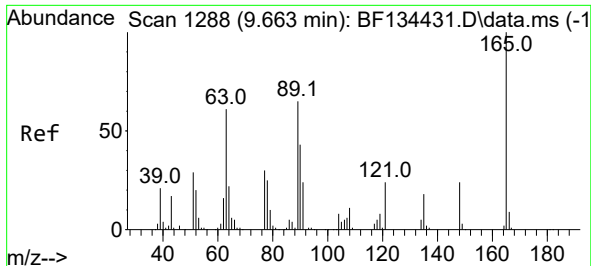
Tgt Ion:330 Resp: 100832
Ion Ratio Lower Upper
330 100
332 95.2 78.8 118.2
141 29.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 57.706 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF134530.D
Acq: 28 Jul 2023 23:36

Tgt Ion:172 Resp: 535988
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.8 18.7 28.1

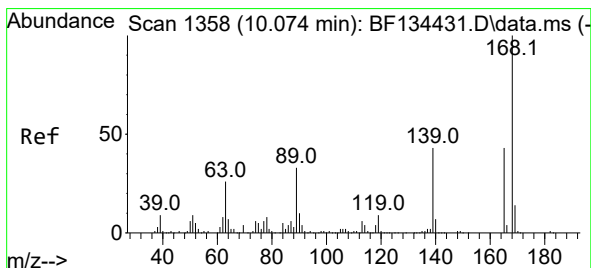
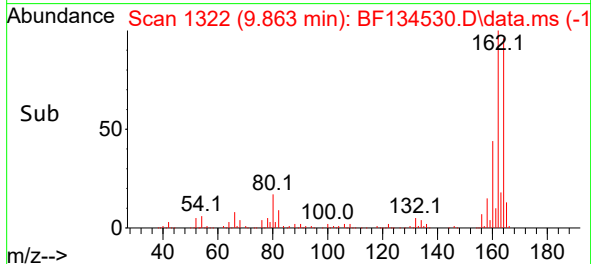
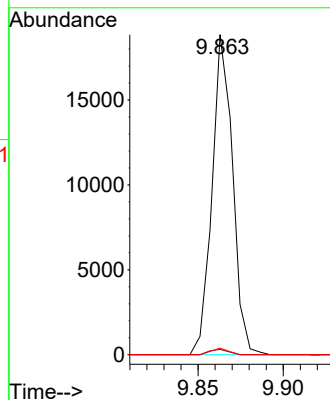
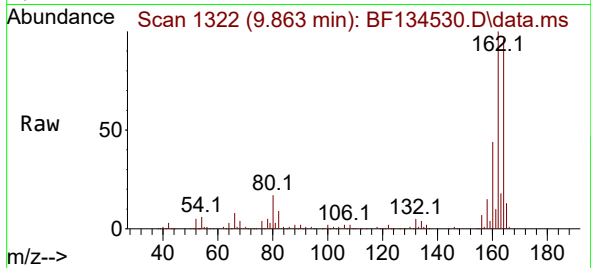




#51
2,6-Dinitrotoluene
Concen: 7.945 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134530.D
Acq: 28 Jul 2023 23:36

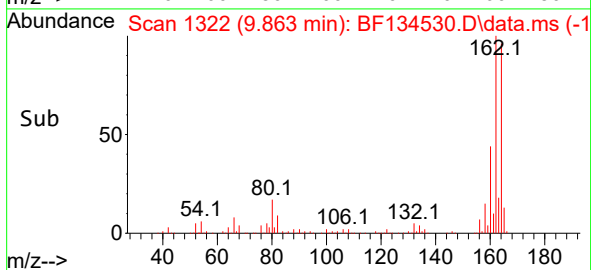
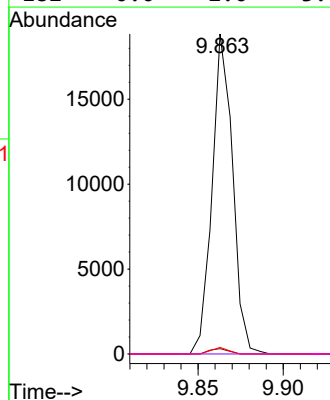
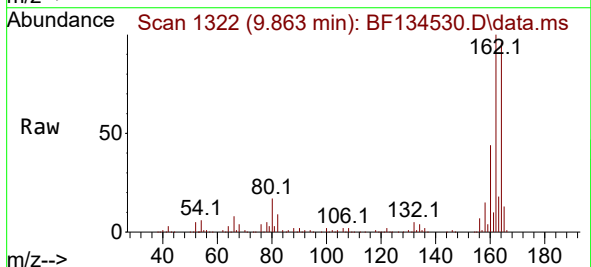
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ClientSampleId :
B-P32B

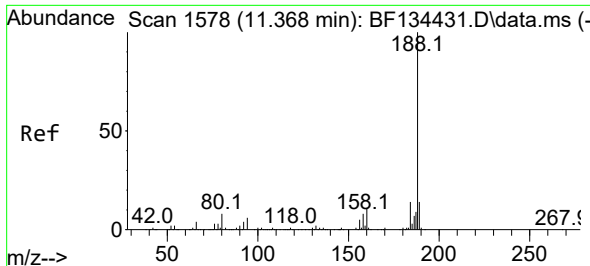
Tgt Ion:165 Resp: 15757
Ion Ratio Lower Upper
165 100
63 1.6 57.8 86.6#
89 2.1 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 5.915 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.206 min
Lab File: BF134530.D
Acq: 28 Jul 2023 23:36

Tgt Ion:165 Resp: 15757
Ion Ratio Lower Upper
165 100
63 1.6 48.9 73.3#
89 2.1 61.7 92.5#
182 0.0 2.0 3.0#

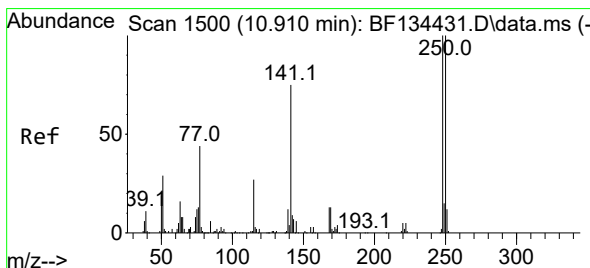
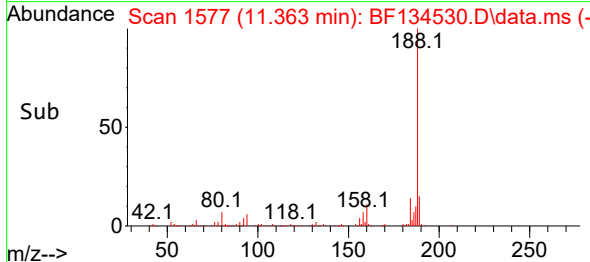
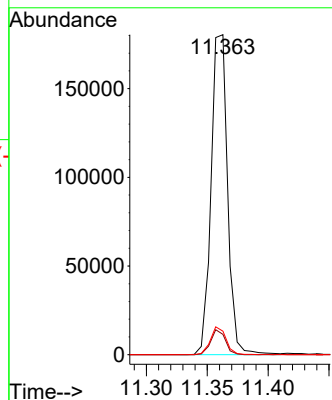
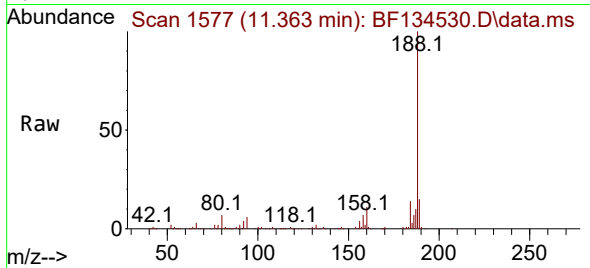




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134530.D
Acq: 28 Jul 2023 23:36

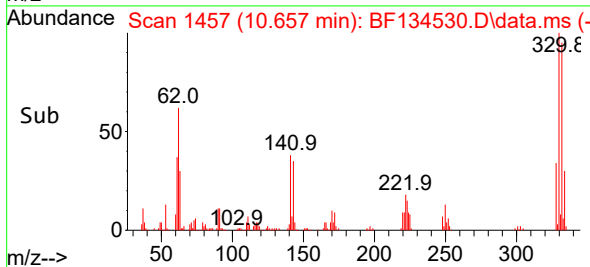
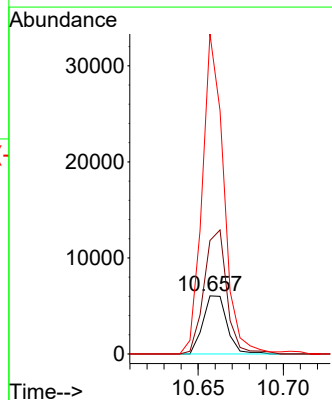
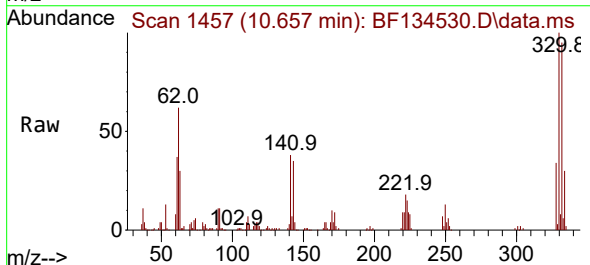
Instrument :
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ClientSampleId :
B-P32B

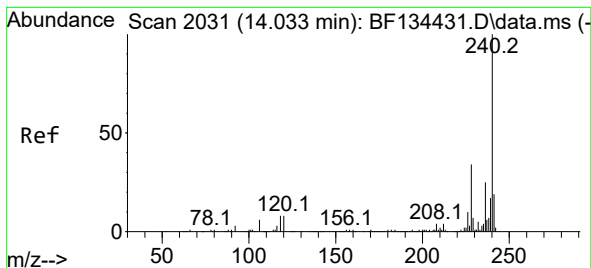
Tgt Ion:188 Resp: 169628
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 7.4 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 3.192 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.241 min
Lab File: BF134530.D
Acq: 28 Jul 2023 23:36

Tgt Ion:248 Resp: 5933
Ion Ratio Lower Upper
248 100
250 195.2 79.6 119.4#
141 550.4 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134530.D

Acq: 28 Jul 2023 23:36

Instrument :

BNA_F

ClientSampleId :

B-P32B

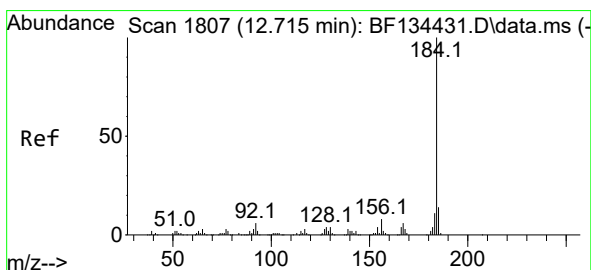
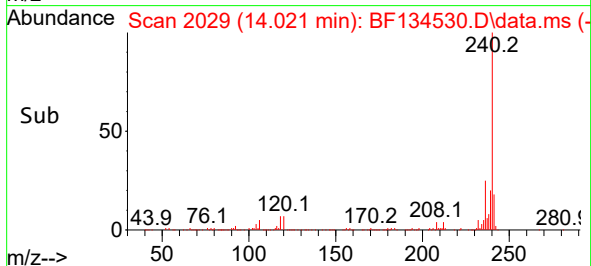
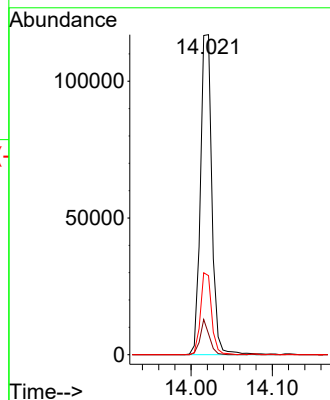
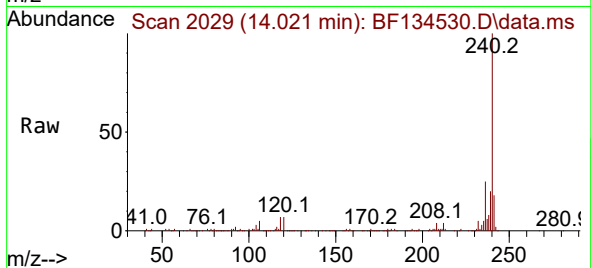
Tgt Ion:240 Resp: 115026

Ion Ratio Lower Upper

240 100

120 6.5 6.6 10.0#

236 24.7 20.2 30.2



#77

Benzidine

Concen: 2.272 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.247 min

Lab File: BF134530.D

Acq: 28 Jul 2023 23:36

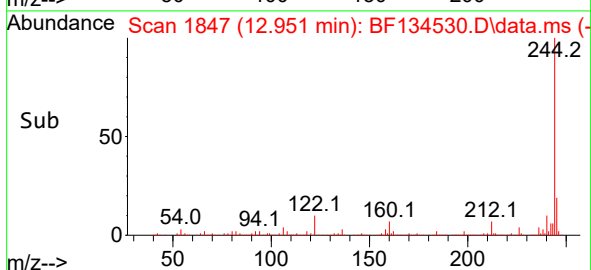
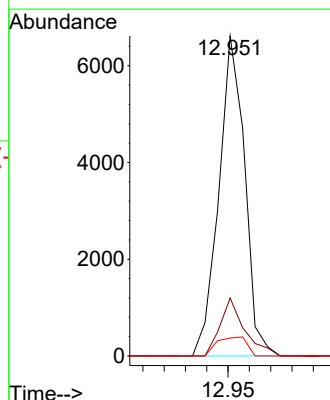
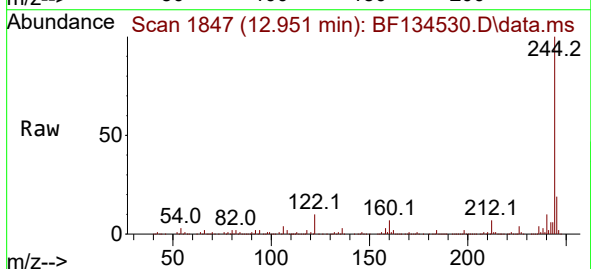
Tgt Ion:184 Resp: 5580

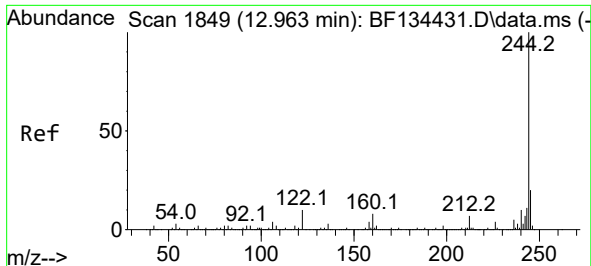
Ion Ratio Lower Upper

184 100

185 18.1 11.2 16.8#

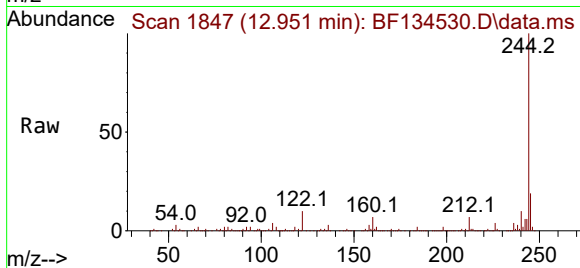
183 5.6 8.6 13.0#



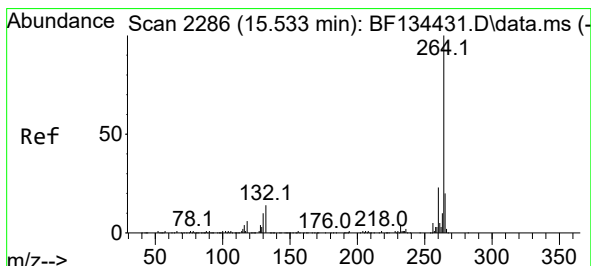
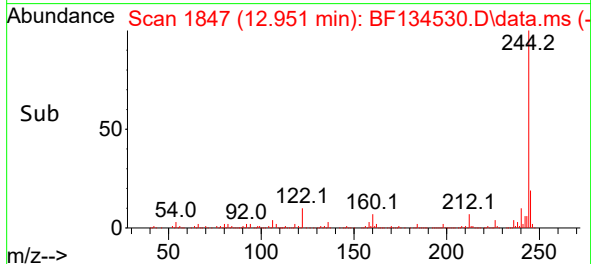
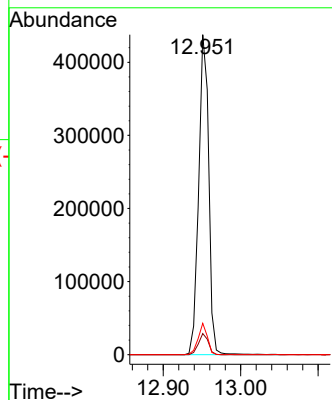


#79
 Terphenyl-d14
 Concen: 59.799 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: BF134530.D
 Acq: 28 Jul 2023 23:36

Instrument :
 BNA_F
 ClientSampleId :
 B-P32B



Tgt Ion:244 Resp: 394029
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.8 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF134530.D
 Acq: 28 Jul 2023 23:36

Tgt Ion:264 Resp: 95209
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.4 27.6
 265 21.3 15.8 23.8

