

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134439.D
 Acq On : 24 Jul 2023 20:38
 Operator : CG\JU
 Sample : PB154372BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154372BL

Quant Time: Jul 25 02:53:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

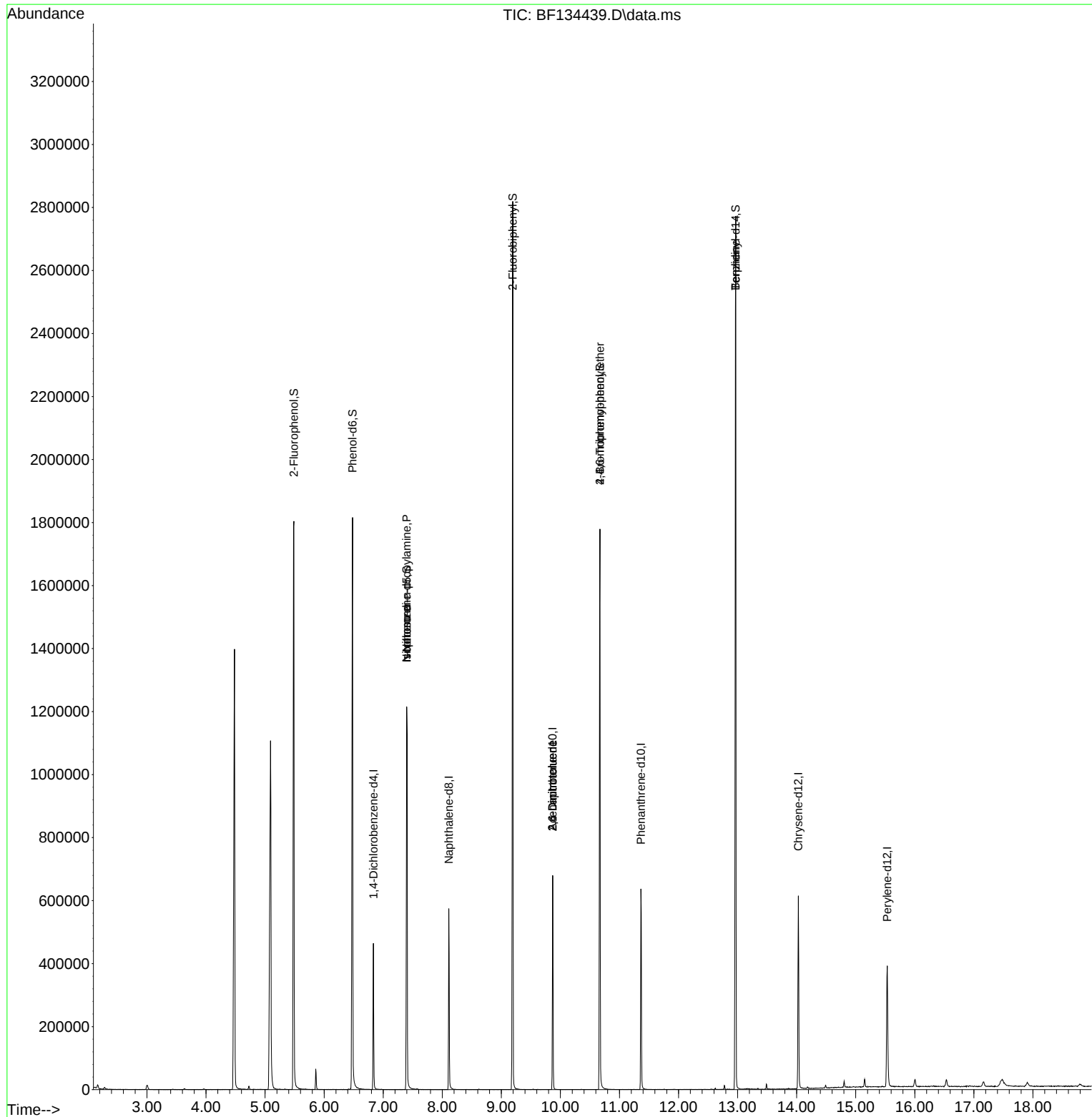
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	61457	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	240000	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	123151	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	248358	20.000	ng	0.00
76) Chrysene-d12	14.027	240	208300	20.000	ng	0.00
86) Perylene-d12	15.533	264	199114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	513016	137.918	ng	0.02
7) Phenol-d6	6.481	99	599225	131.484	ng	0.00
23) Nitrobenzene-d5	7.398	82	418014	88.122	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	230901	131.962	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	794248	84.667	ng	0.00
79) Terphenyl-d14	12.969	244	1018617	85.365	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	58724	20.699	ng	# 75
25) Isophorone	7.398	82	418014	52.875	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	16043	8.009	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	16043	5.963	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	13506	4.963	ng	# 1
77) Benzydine	12.969	184	14255	3.205	ng	# 95

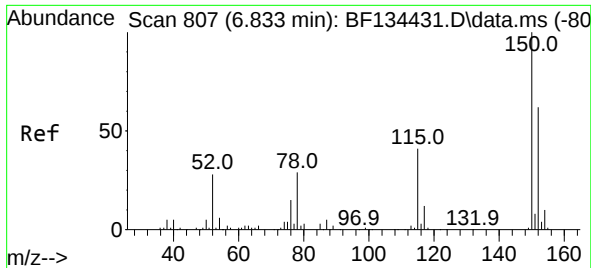
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134439.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
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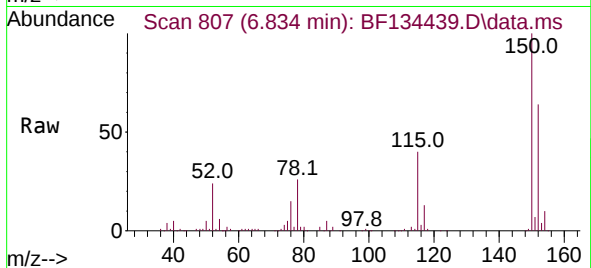
Quant Time: Jul 25 02:53:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
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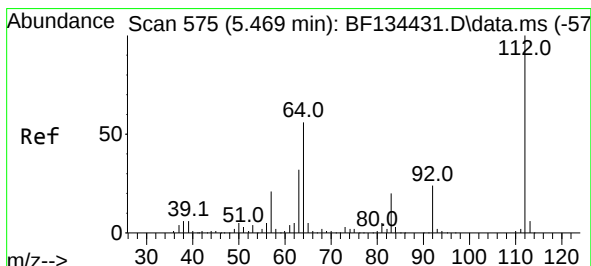
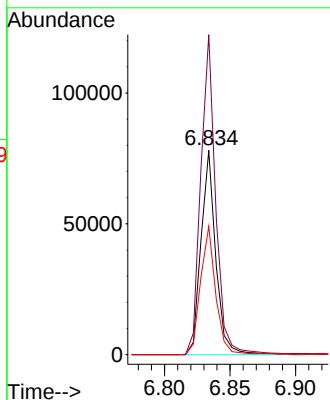
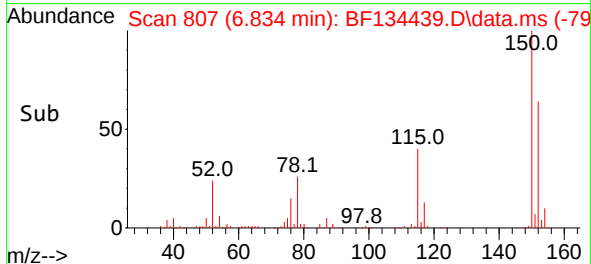


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38

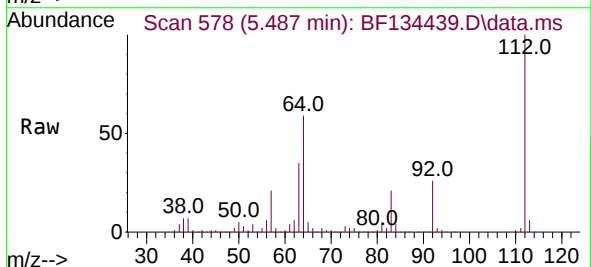
Instrument :
BNA_F
ClientSampleId :
PB154372BL



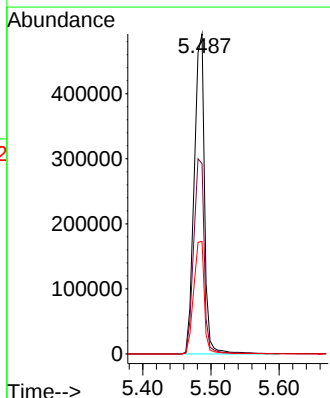
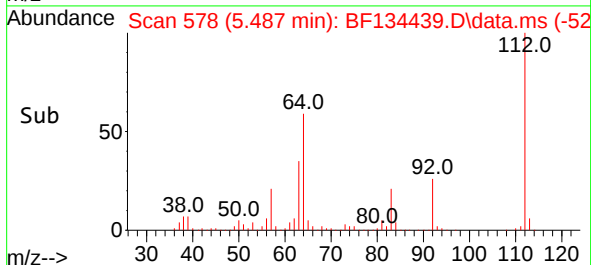
Tgt Ion:152 Resp: 61457
Ion Ratio Lower Upper
152 100
150 156.6 128.3 192.5
115 62.8 52.4 78.6

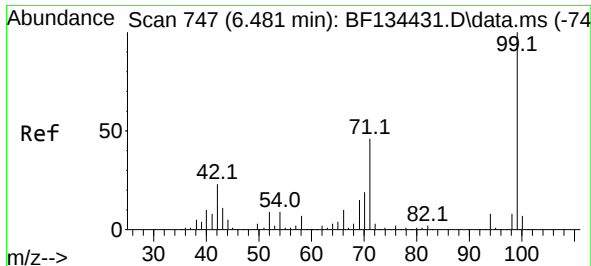


#5
2-Fluorophenol
Concen: 137.918 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.018 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38



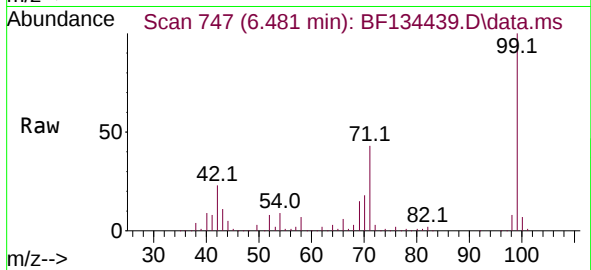
Tgt Ion:112 Resp: 513016
Ion Ratio Lower Upper
112 100
64 59.4 44.9 67.3
63 35.2 25.4 38.0



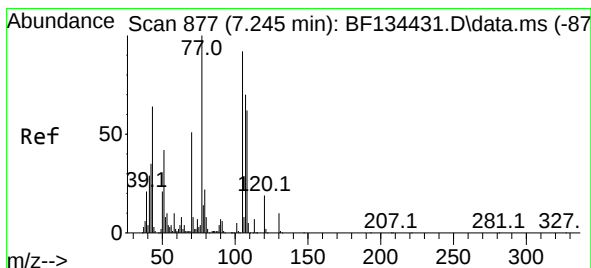
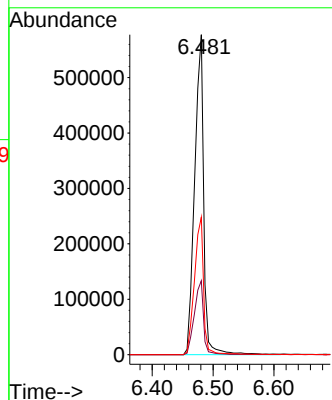
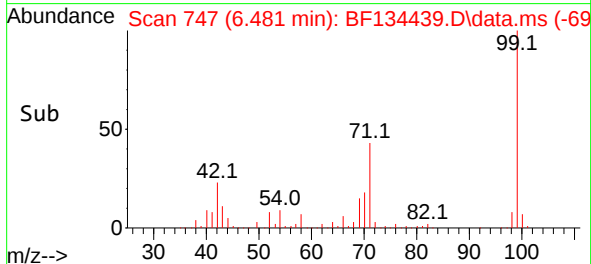


#7
Phenol-d6
Concen: 131.484 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38

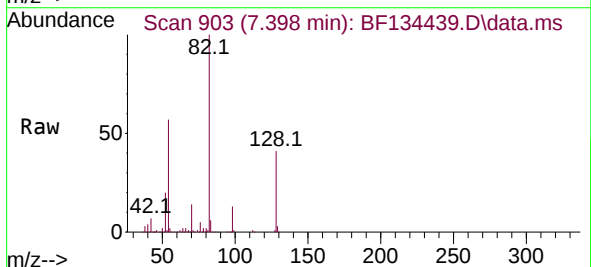
Instrument :
BNA_F
ClientSampleId :
PB154372BL



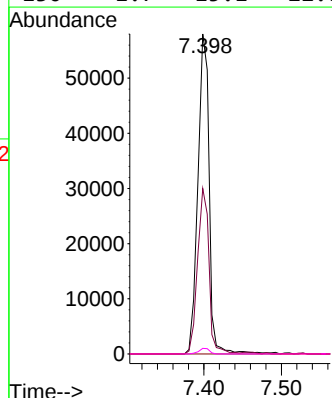
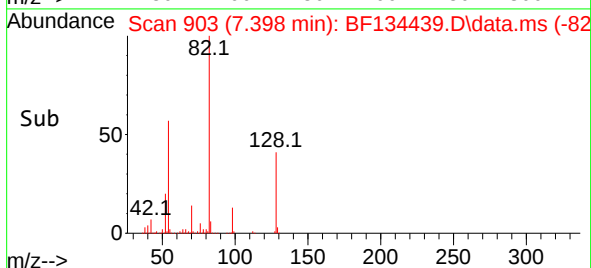
Tgt Ion: 99 Resp: 599225
Ion Ratio Lower Upper
99 100
42 23.1 18.7 28.1
71 42.9 36.4 54.6

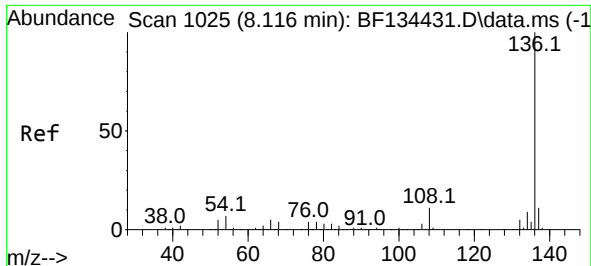


#19
n-Nitroso-di-n-propylamine
Concen: 20.699 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.153 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38



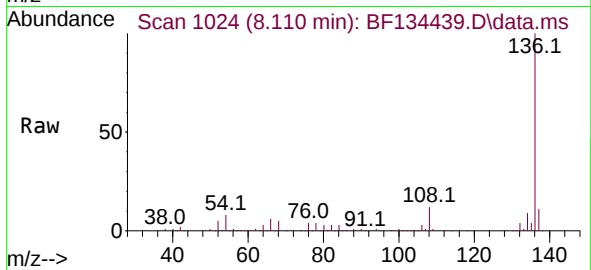
Tgt Ion: 70 Resp: 58724
Ion Ratio Lower Upper
70 100
42 51.7 54.7 82.1#
101 0.0 8.2 12.2#
130 1.7 15.1 22.7#



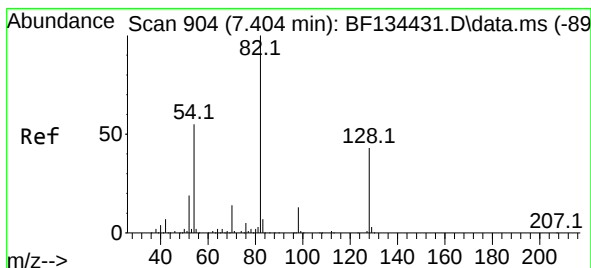
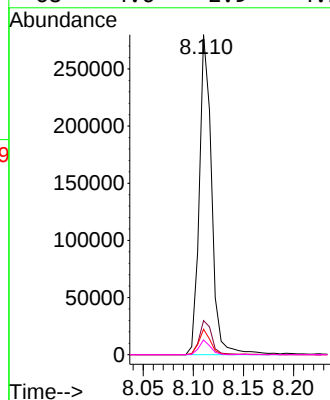
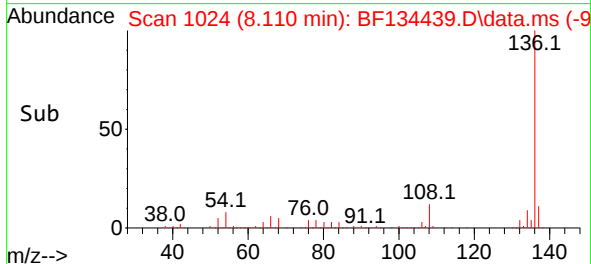


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38

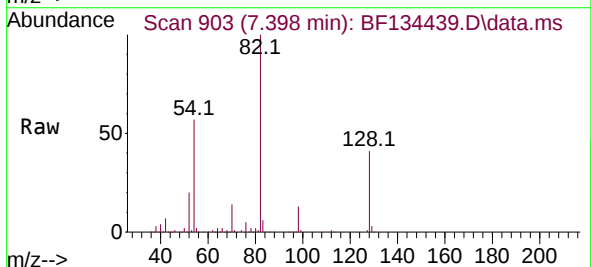
Instrument :
BNA_F
ClientSampleId :
PB154372BL



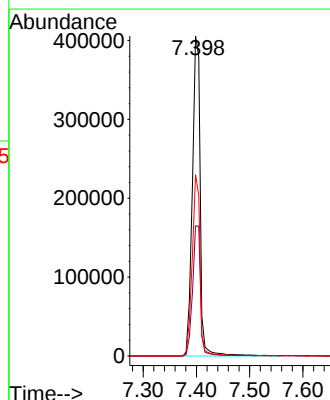
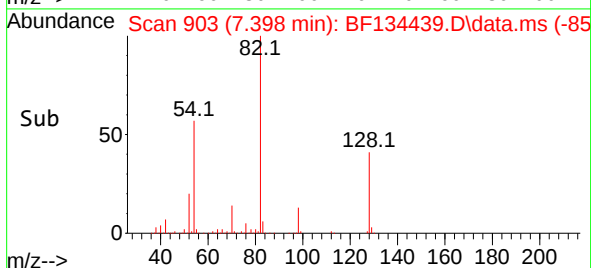
Tgt Ion:136 Resp: 240000
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 8.0 5.2 7.8#
68 4.6 2.9 4.3#

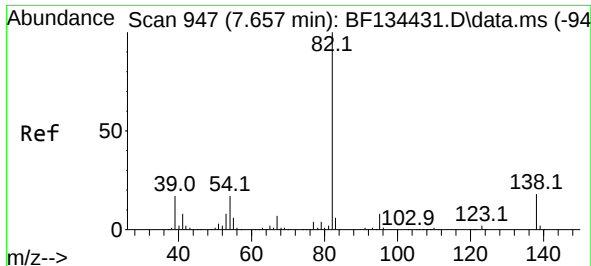


#23
Nitrobenzene-d5
Concen: 88.122 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38



Tgt Ion: 82 Resp: 418014
Ion Ratio Lower Upper
82 100
128 40.7 34.3 51.5
54 56.6 43.8 65.6

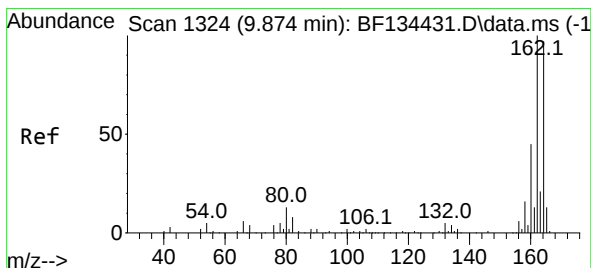
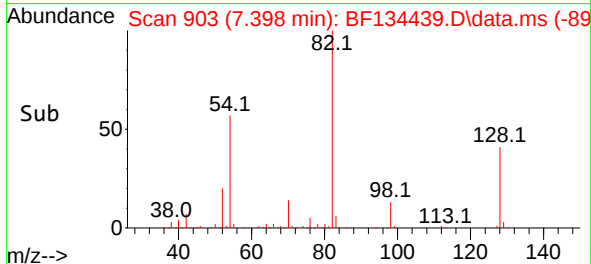
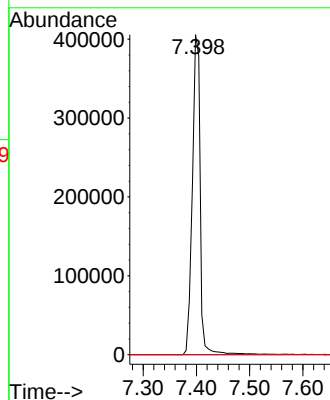
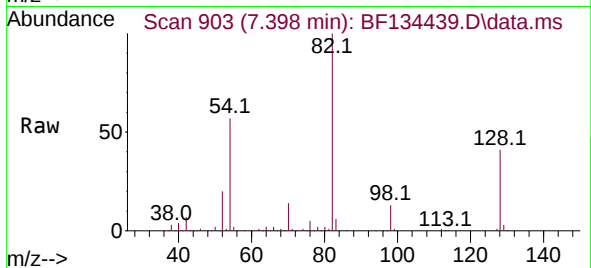




#25
Isophorone
Concen: 52.875 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38

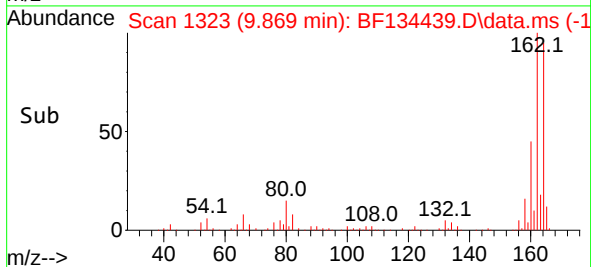
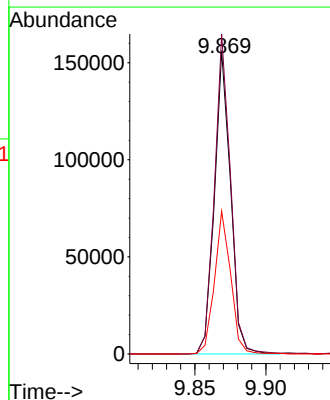
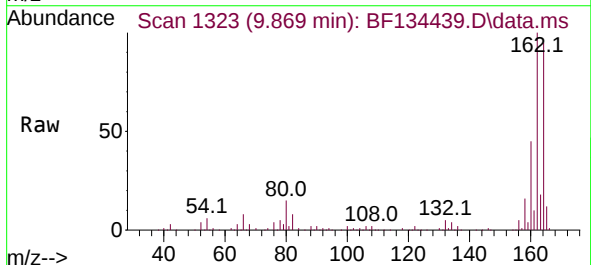
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ClientSampleId :
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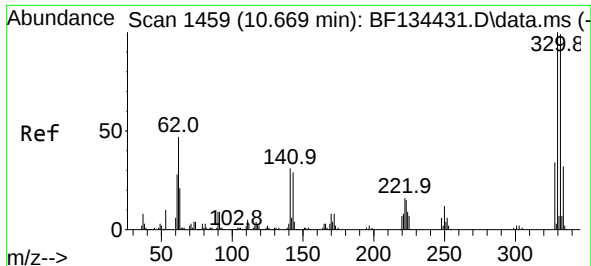
Tgt Ion: 82 Resp: 418014
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38

Tgt Ion:164 Resp: 123151
Ion Ratio Lower Upper
164 100
162 105.5 82.6 123.8
160 47.1 37.2 55.8

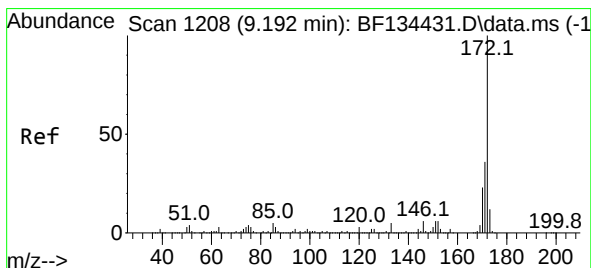
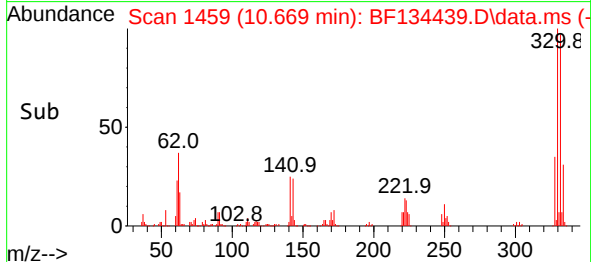
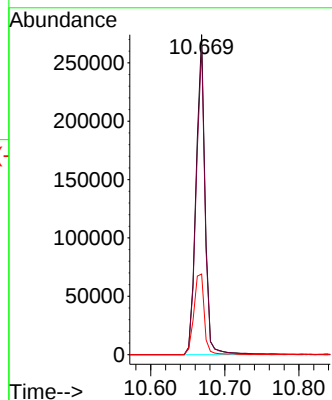
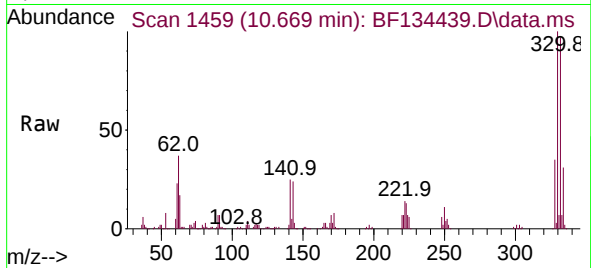




#42
2,4,6-Tribromophenol
Concen: 131.962 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38

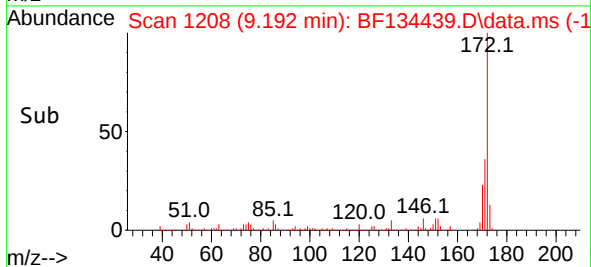
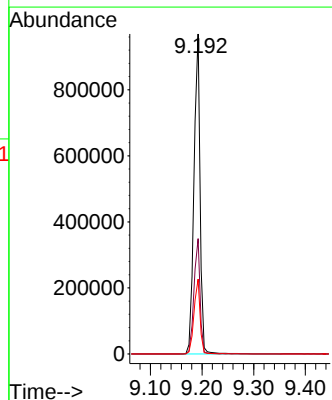
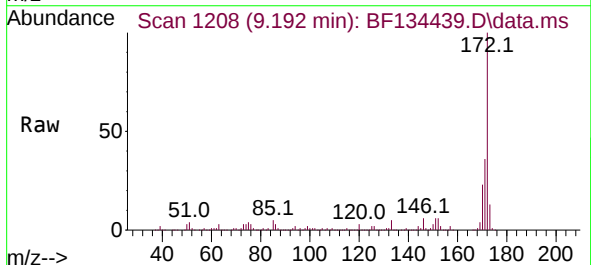
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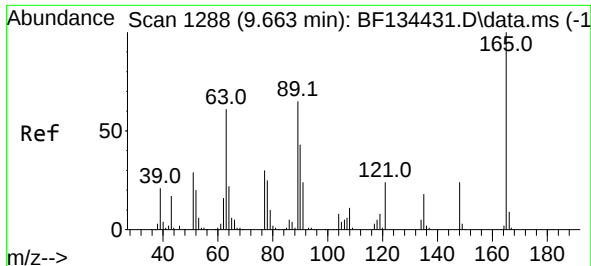
Tgt Ion:330 Resp: 230901
Ion Ratio Lower Upper
330 100
332 95.5 78.8 118.2
141 29.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 84.667 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38

Tgt Ion:172 Resp: 794248
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.4 18.7 28.1

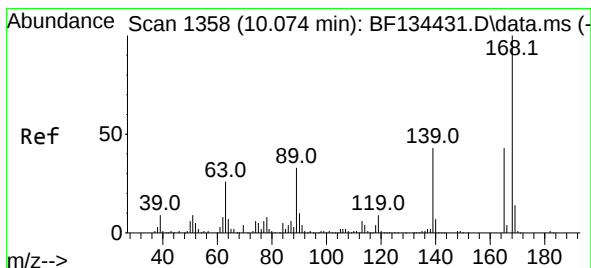
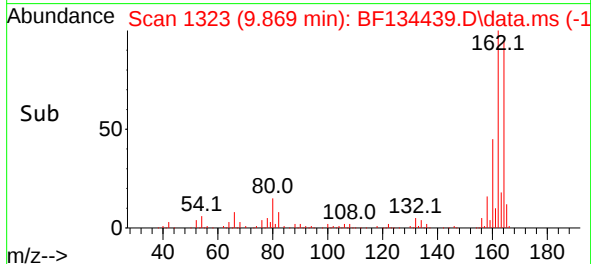
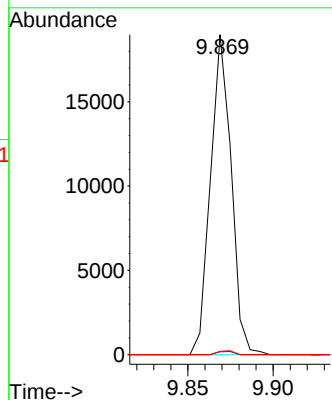
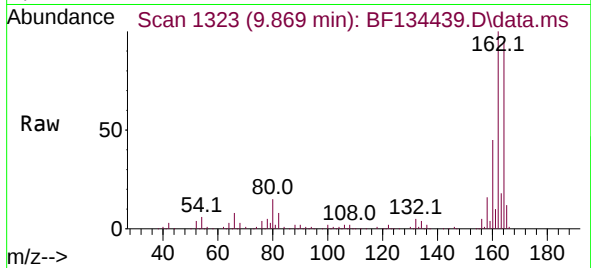




#51
2,6-Dinitrotoluene
Concen: 8.009 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38

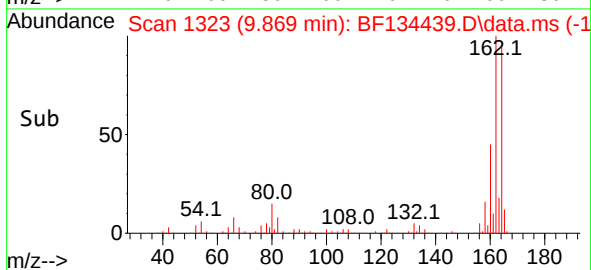
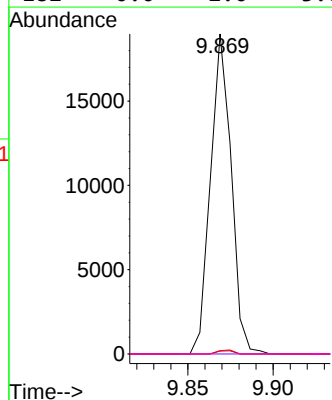
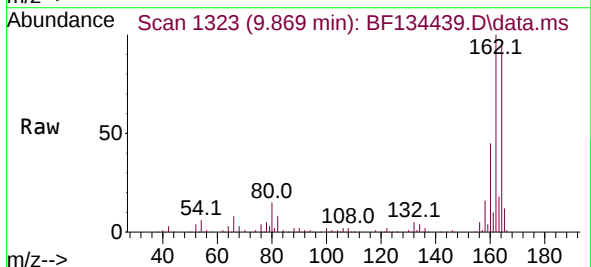
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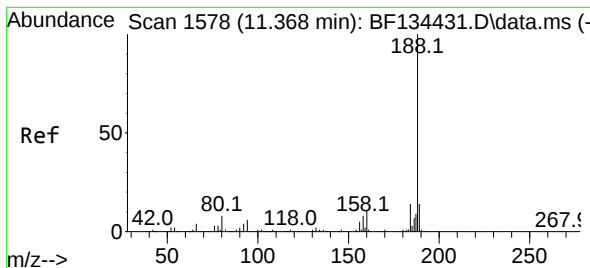
Tgt Ion:165 Resp: 16043
Ion Ratio Lower Upper
165 100
63 0.9 57.8 86.6#
89 1.0 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 5.963 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.206 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38

Tgt Ion:165 Resp: 16043
Ion Ratio Lower Upper
165 100
63 0.9 48.9 73.3#
89 1.0 61.7 92.5#
182 0.0 2.0 3.0#

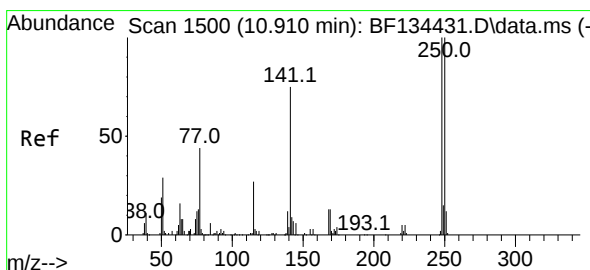
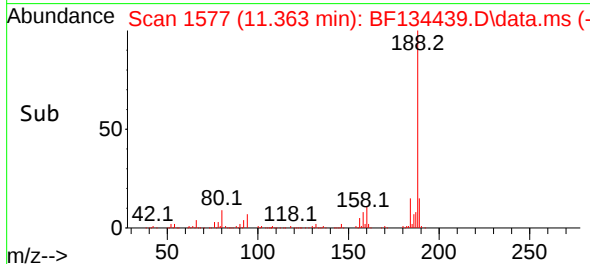
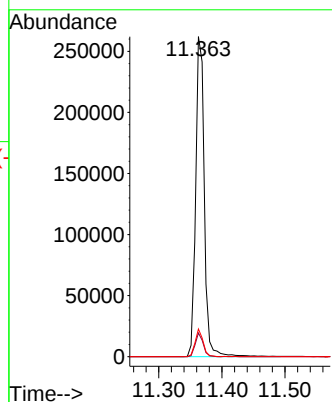
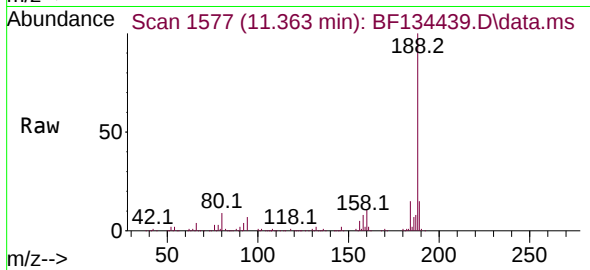




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38

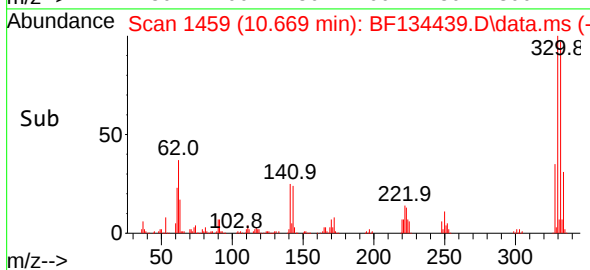
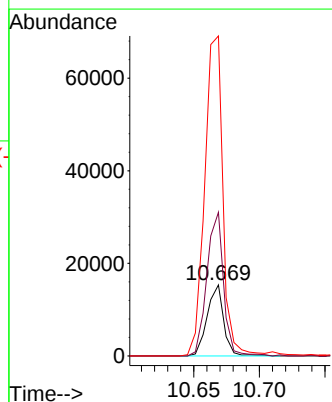
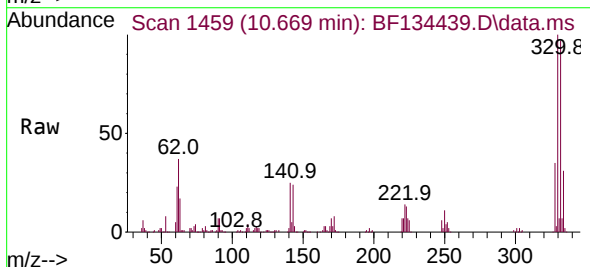
Instrument :
BNA_F
ClientSampleId :
PB154372BL

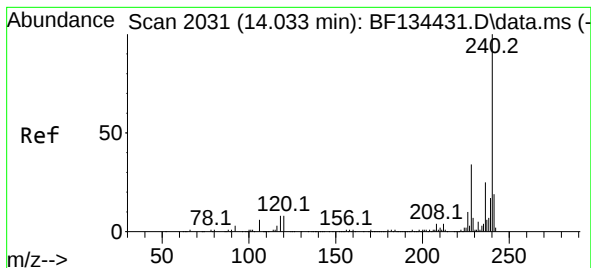
Tgt Ion:188 Resp: 248358
Ion Ratio Lower Upper
188 100
94 7.4 5.1 7.7
80 8.7 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 4.963 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF134439.D
Acq: 24 Jul 2023 20:38

Tgt Ion:248 Resp: 13506
Ion Ratio Lower Upper
248 100
250 202.2 79.6 119.4#
141 450.0 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134439.D

Acq: 24 Jul 2023 20:38

Instrument :

BNA_F

ClientSampleId :

PB154372BL

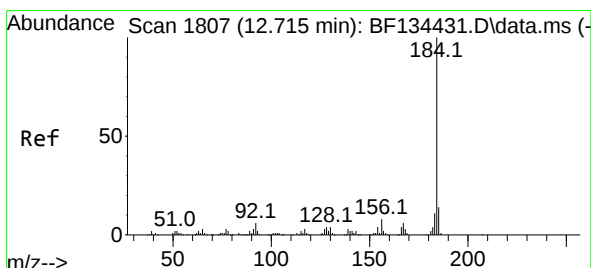
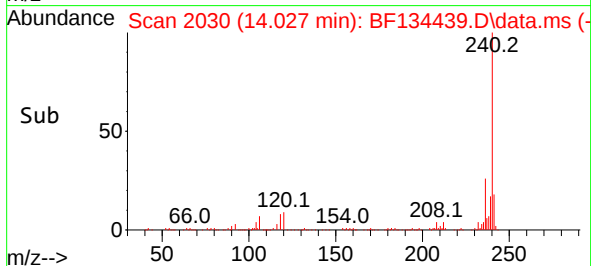
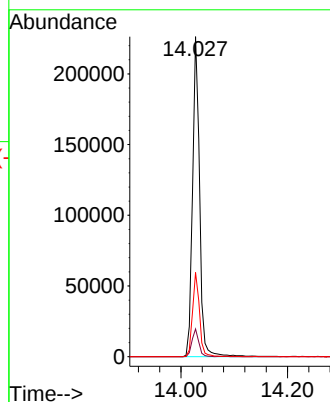
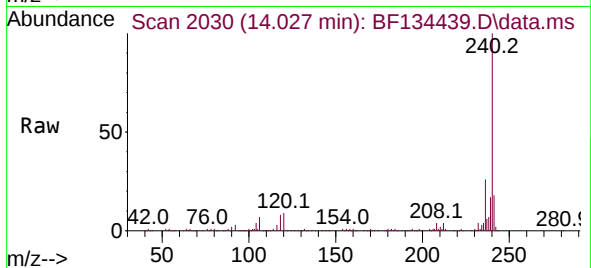
Tgt Ion:240 Resp: 208300

Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

236 26.3 20.2 30.2



#77

Benzidine

Concen: 3.205 ng

RT: 12.969 min Scan# 1850

Delta R.T. 0.254 min

Lab File: BF134439.D

Acq: 24 Jul 2023 20:38

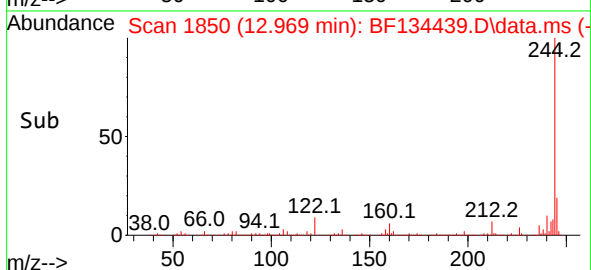
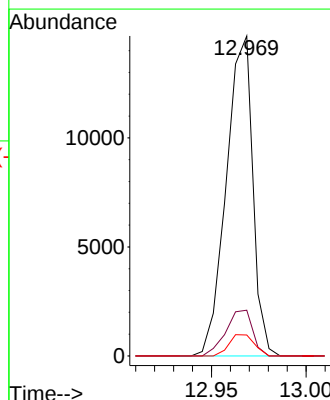
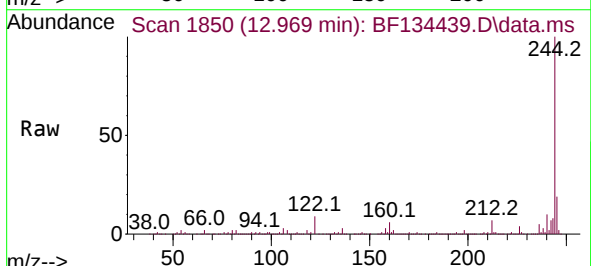
Tgt Ion:184 Resp: 14255

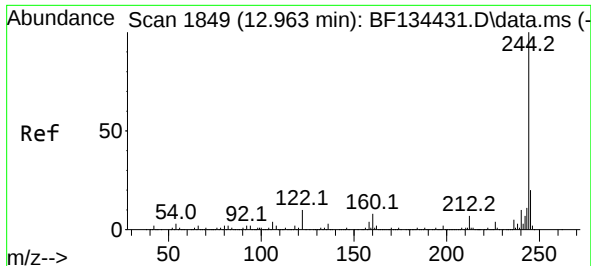
Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 6.6 8.6 13.0#

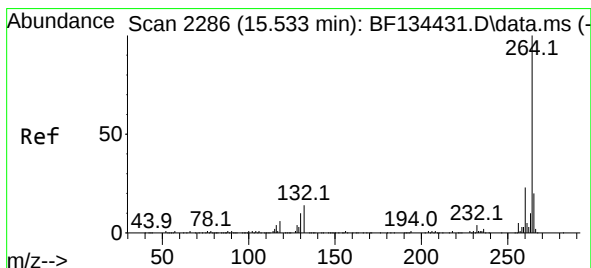
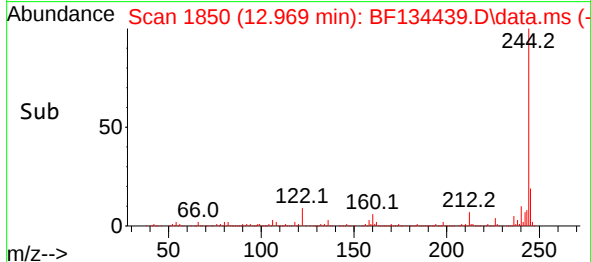
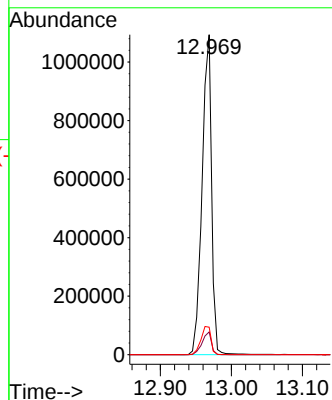
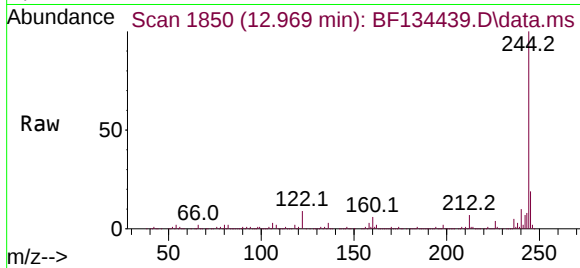




#79
 Terphenyl-d14
 Concen: 85.365 ng
 RT: 12.969 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF134439.D
 Acq: 24 Jul 2023 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB154372BL

Tgt Ion:244 Resp: 1018617
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 8.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: BF134439.D
 Acq: 24 Jul 2023 20:38

Tgt Ion:264 Resp: 199114
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.3 15.8 23.8

