

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134371.D
 Acq On : 19 Jul 2023 21:57
 Operator : CG\JU
 Sample : 03639-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 00:46:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

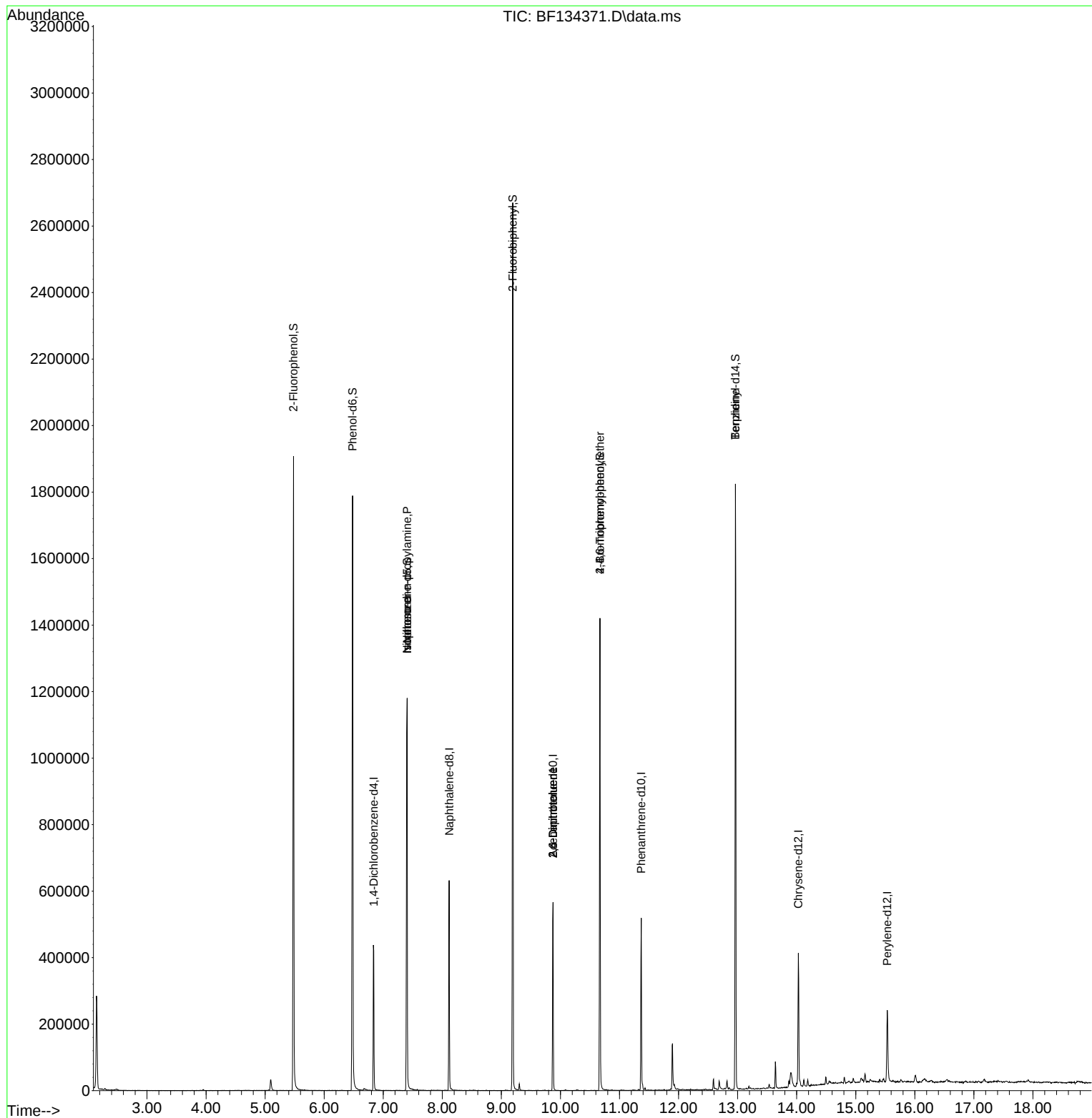
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	67847	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	247022	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	111640	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	186168	20.000	ng	0.00
76) Chrysene-d12	14.027	240	136267	20.000	ng	-0.01
86) Perylene-d12	15.533	264	106779	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	478996	118.097	ng	0.01
7) Phenol-d6	6.481	99	575929	115.462	ng	0.00
23) Nitrobenzene-d5	7.404	82	378570	82.612	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	166253	118.774	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	710824	92.571	ng	-0.01
79) Terphenyl-d14	12.963	244	638617	75.426	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	1210	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	53003	16.756	ng	# 74
25) Isophorone	7.404	82	378564	45.455	ng	# 64
51) 2,6-Dinitrotoluene	9.875	165	14026	8.036	ng	# 22
57) 2,4-Dinitrotoluene	9.875	165	14026	6.085	ng	# 21
67) 4-Bromophenyl-phenylether	10.669	248	10428	5.270	ng	# 1
77) Benzydine	12.963	184	8985	2.771	ng	# 87

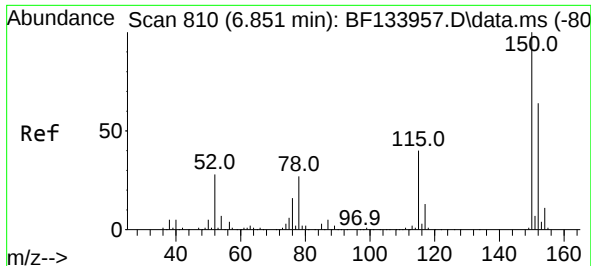
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
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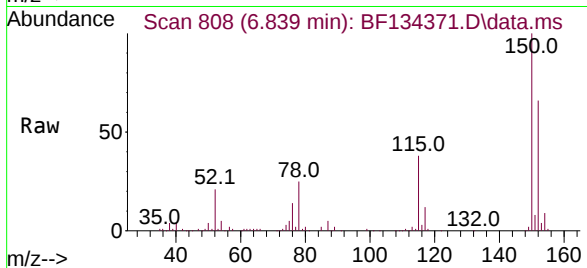
Quant Time: Jul 20 00:46:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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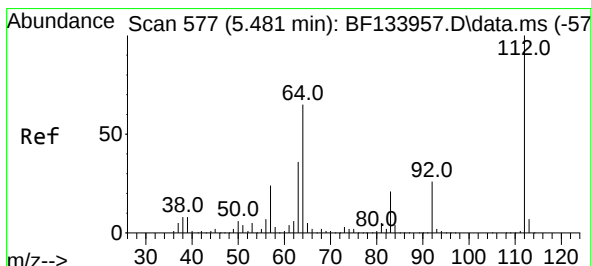
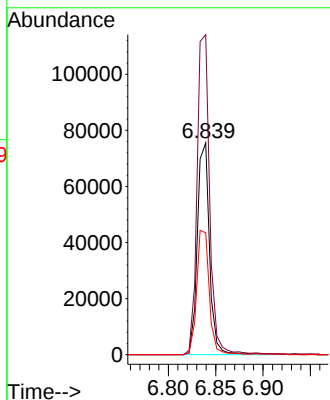
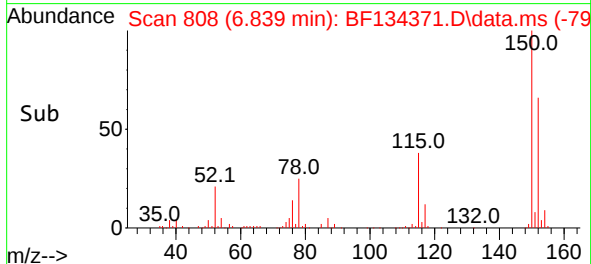


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF134371.D
Acq: 19 Jul 2023 21:57

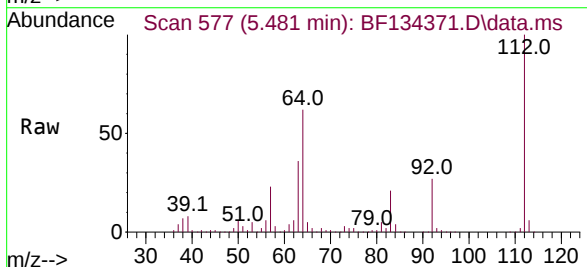
Instrument :
BNA_F
ClientSampleId :



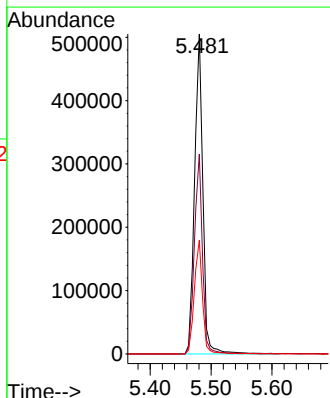
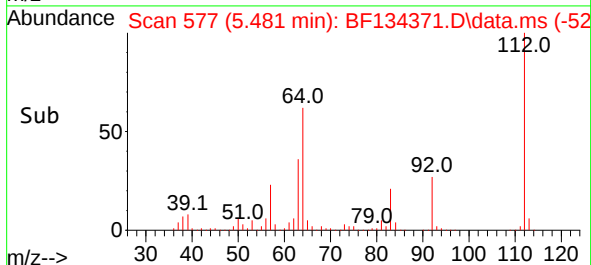
Tgt Ion:152 Resp: 67847
Ion Ratio Lower Upper
152 100
150 151.1 124.5 186.7
115 57.6 50.2 75.2

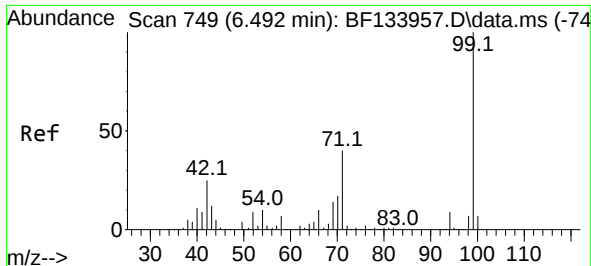


#5
2-Fluorophenol
Concen: 118.097 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF134371.D
Acq: 19 Jul 2023 21:57



Tgt Ion:112 Resp: 478996
Ion Ratio Lower Upper
112 100
64 62.5 52.1 78.1
63 35.5 28.6 42.8





#7

Phenol-d6

Concen: 115.462 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF134371.D

Acq: 19 Jul 2023 21:57

Instrument :

BNA_F

ClientSampleId :

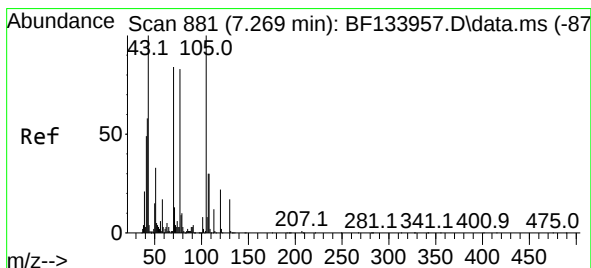
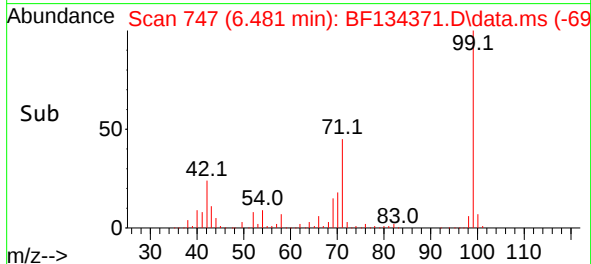
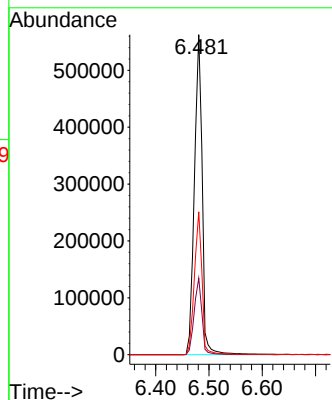
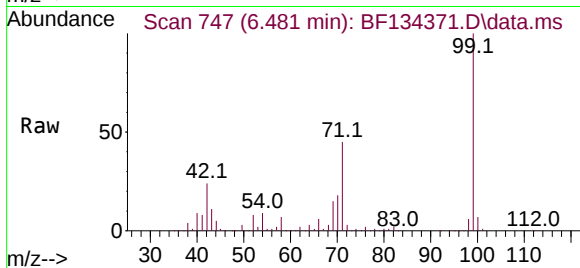
Tgt Ion: 99 Resp: 575929

Ion Ratio Lower Upper

99 100

42 23.9 19.8 29.6

71 44.6 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 16.756 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.147 min

Lab File: BF134371.D

Acq: 19 Jul 2023 21:57

Tgt Ion: 70 Resp: 53003

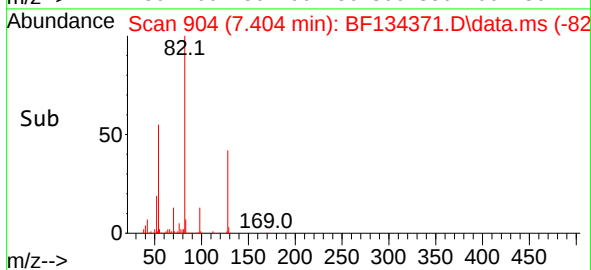
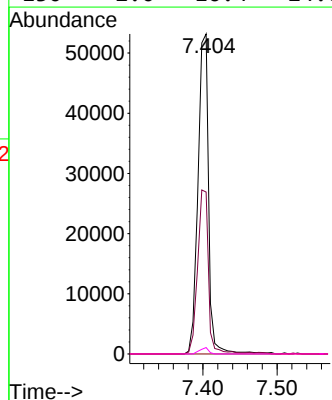
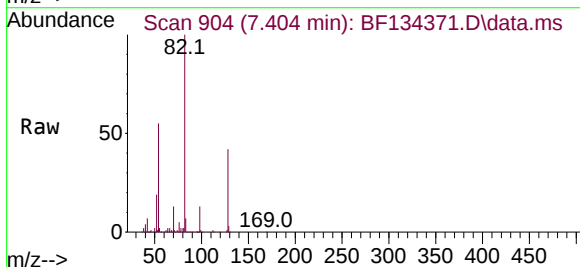
Ion Ratio Lower Upper

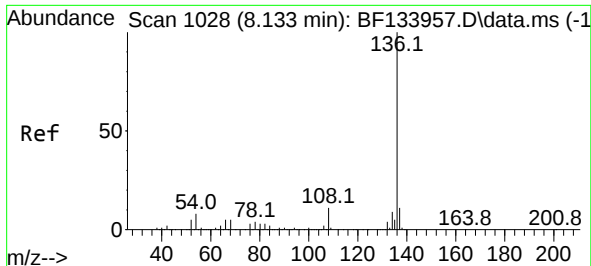
70 100

42 50.6 54.7 82.1#

101 0.0 7.7 11.5#

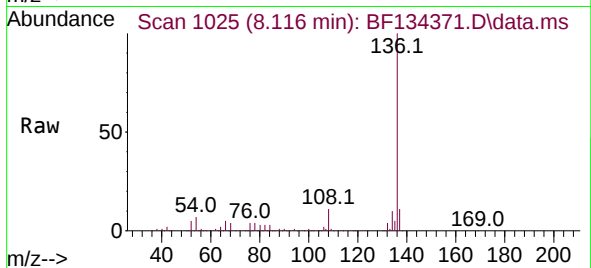
130 2.0 16.4 24.6#



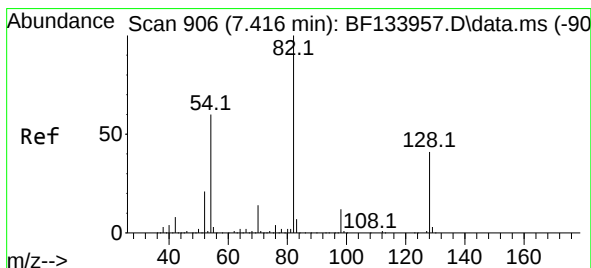
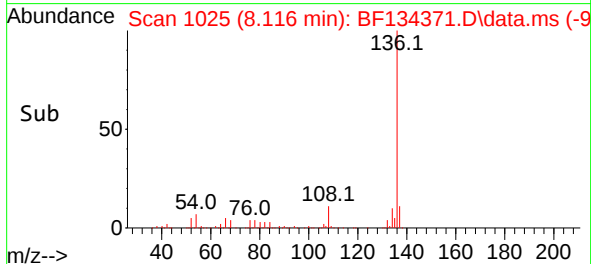
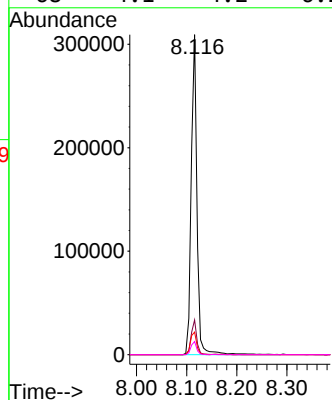


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134371.D
Acq: 19 Jul 2023 21:57

Instrument :
BNA_F
ClientSampleId :

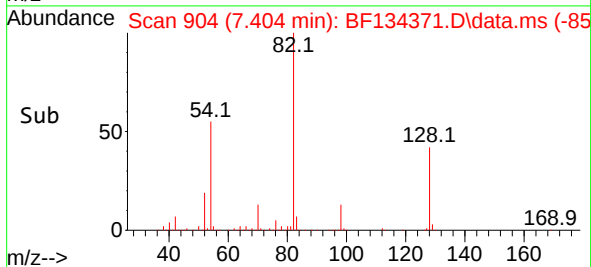
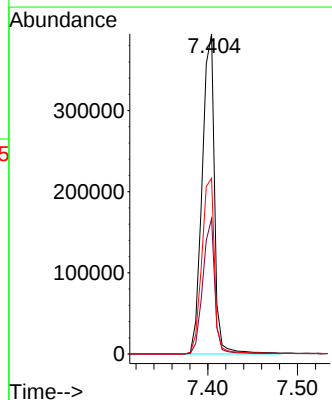
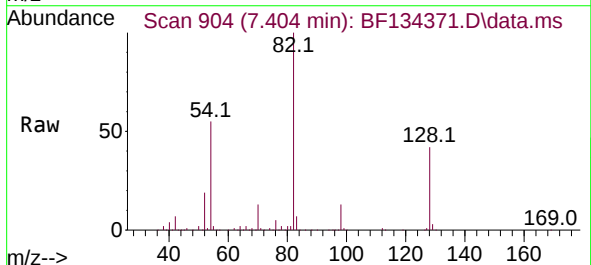


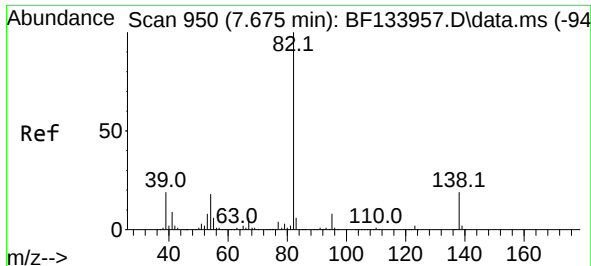
Tgt Ion:136 Resp: 247022
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.1 6.5 9.7
68 4.1 4.2 6.2#



#23
Nitrobenzene-d5
Concen: 82.612 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134371.D
Acq: 19 Jul 2023 21:57

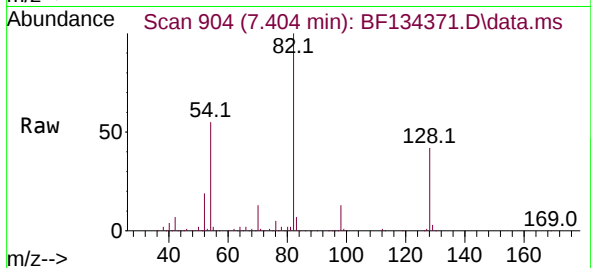
Tgt Ion: 82 Resp: 378570
Ion Ratio Lower Upper
82 100
128 42.3 32.5 48.7
54 54.9 48.2 72.2



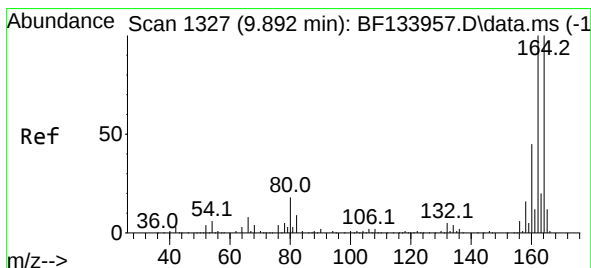
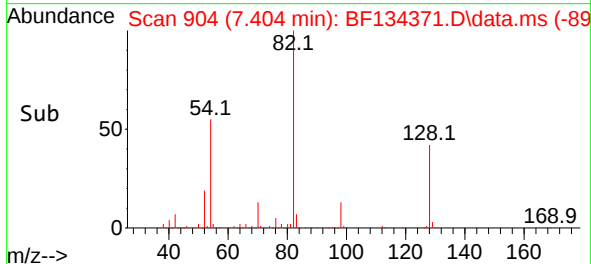
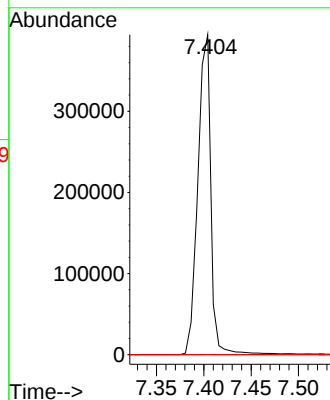


#25
Isophorone
Concen: 45.455 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134371.D
Acq: 19 Jul 2023 21:57

Instrument :
BNA_F
ClientSampleId :

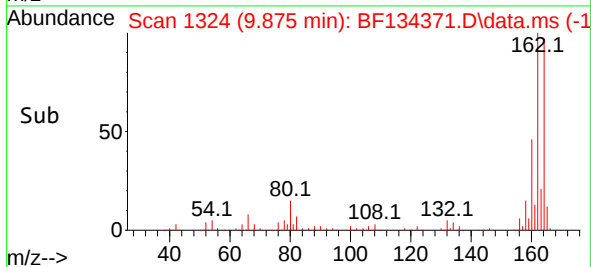
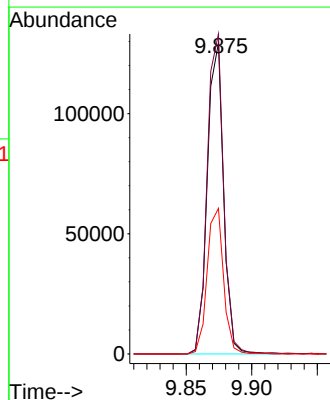
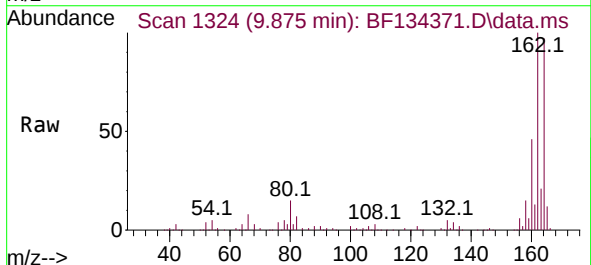


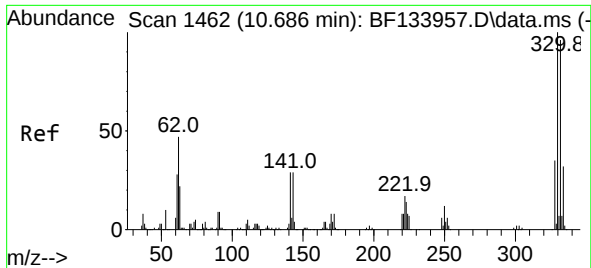
Tgt Ion: 82 Resp: 378564
Ion Ratio Lower Upper
82 100
95 0.1 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134371.D
Acq: 19 Jul 2023 21:57

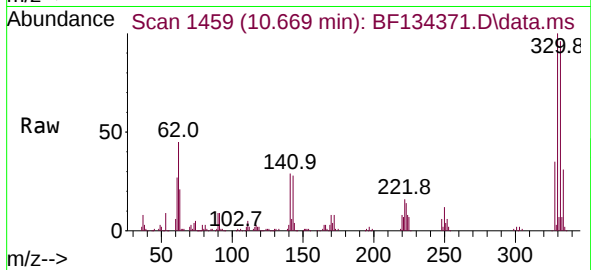
Tgt Ion: 164 Resp: 111640
Ion Ratio Lower Upper
164 100
162 102.9 80.0 120.0
160 46.8 35.9 53.9



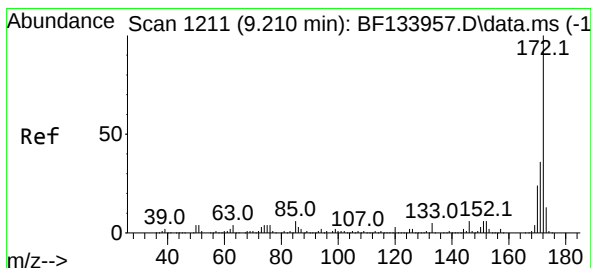
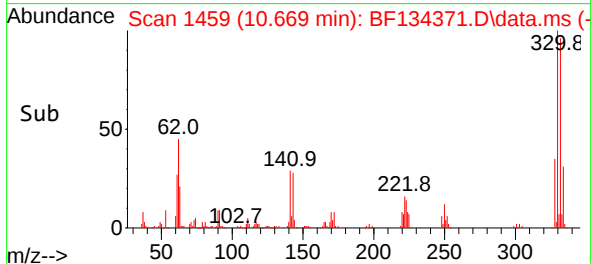
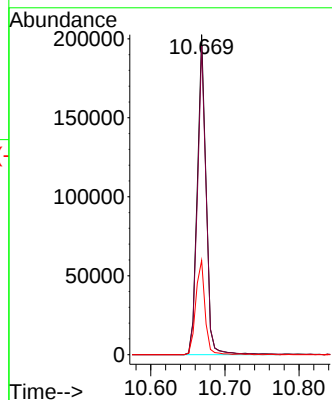


#42
2,4,6-Tribromophenol
Concen: 118.774 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134371.D
Acq: 19 Jul 2023 21:57

Instrument :
BNA_F
ClientSampleId :

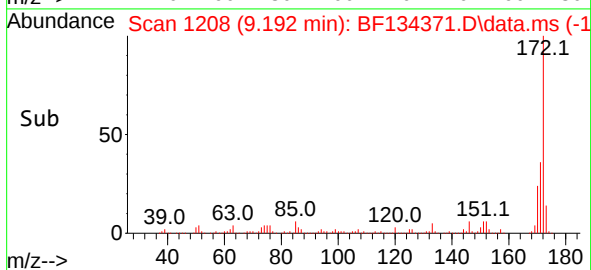
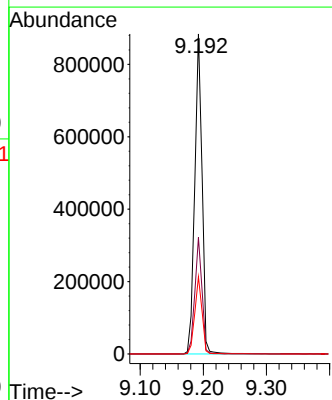
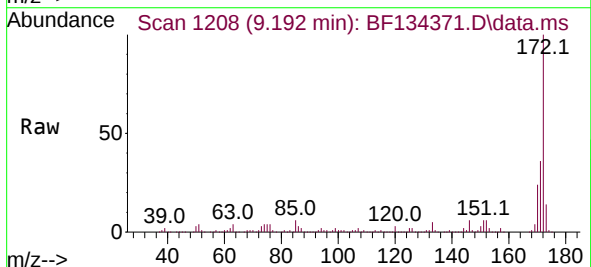


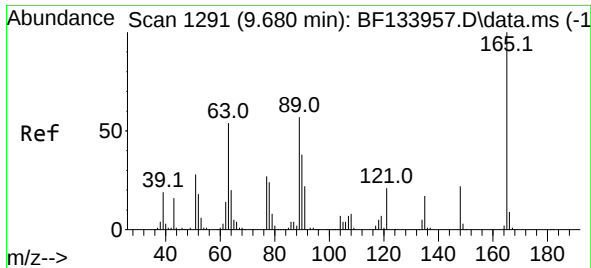
Tgt Ion:330 Resp: 166253
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 31.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 92.571 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134371.D
Acq: 19 Jul 2023 21:57

Tgt Ion:172 Resp: 710824
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.1 19.4 29.0

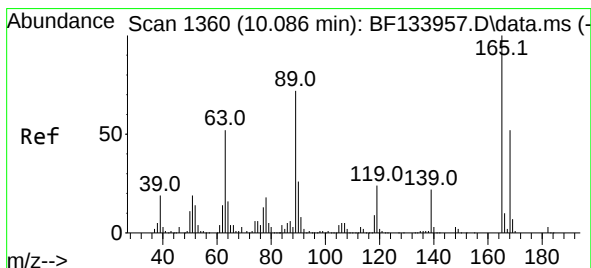
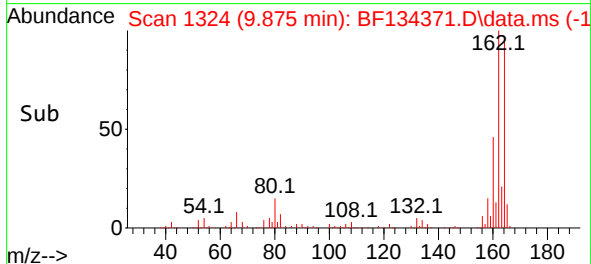
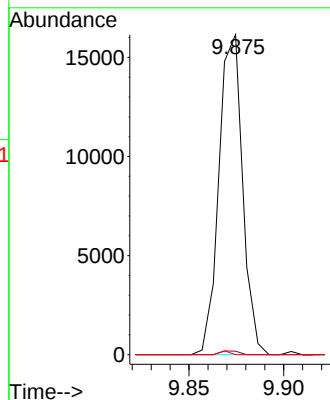
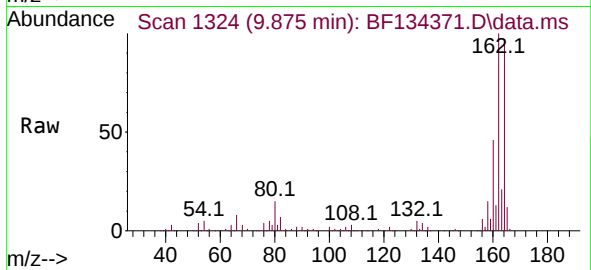




#51
2,6-Dinitrotoluene
Concen: 8.036 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134371.D
Acq: 19 Jul 2023 21:57

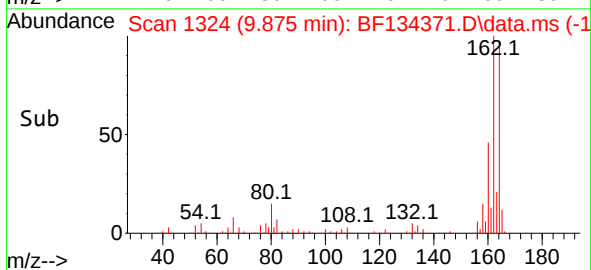
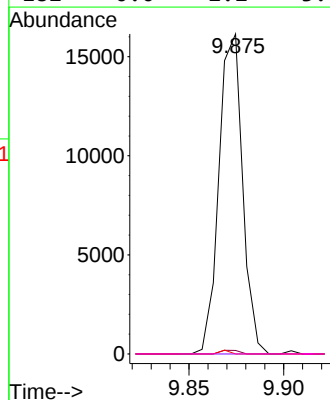
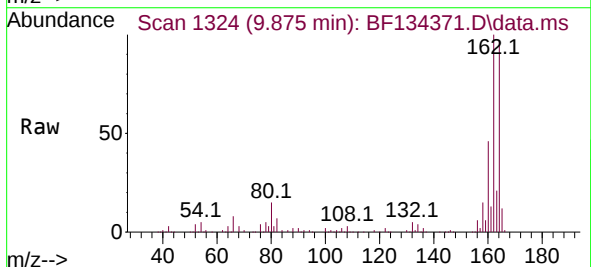
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BNA_F
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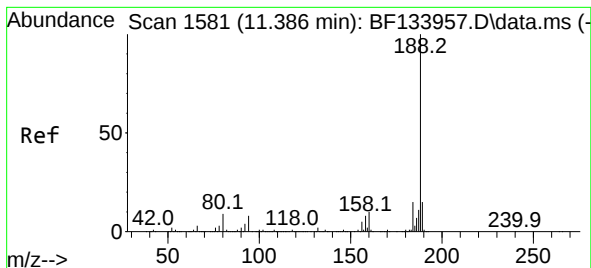
Tgt Ion:165 Resp: 14026
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 0.0 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.085 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF134371.D
Acq: 19 Jul 2023 21:57

Tgt Ion:165 Resp: 14026
Ion Ratio Lower Upper
165 100
63 1.1 42.2 63.2#
89 0.0 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134371.D

Acq: 19 Jul 2023 21:57

Instrument :

BNA_F

ClientSampleId :

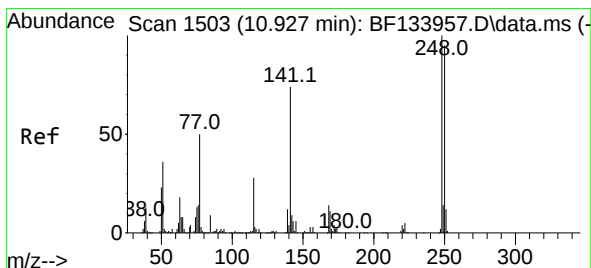
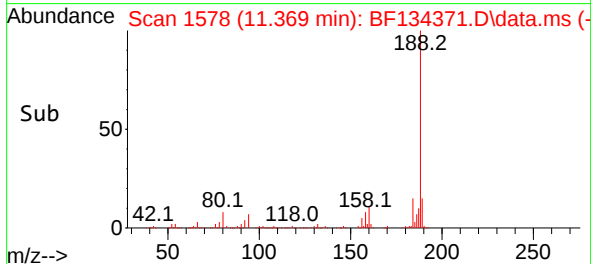
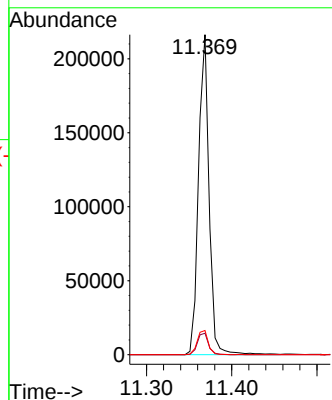
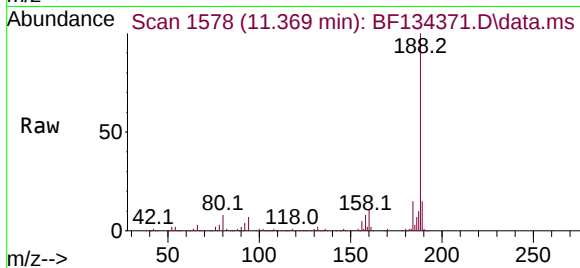
Tgt Ion:188 Resp: 186168

Ion Ratio Lower Upper

188 100

94 6.7 6.4 9.6

80 7.5 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 5.270 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.247 min

Lab File: BF134371.D

Acq: 19 Jul 2023 21:57

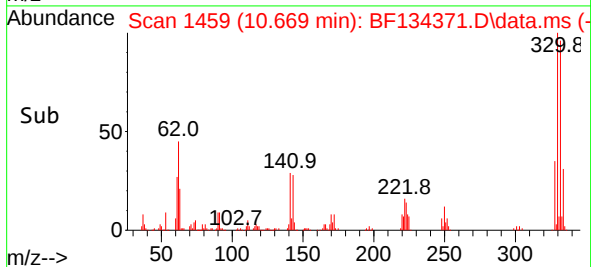
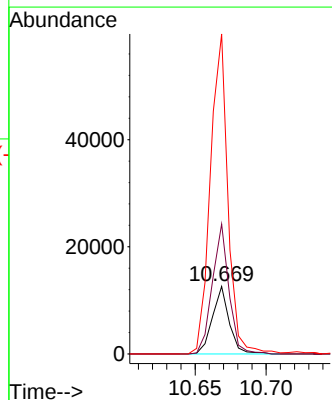
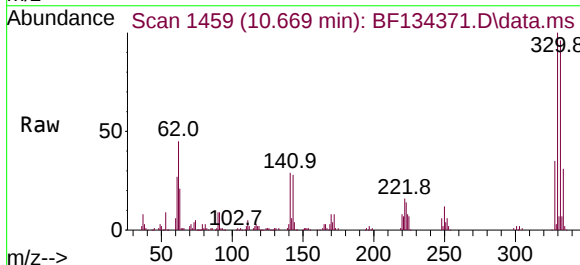
Tgt Ion:248 Resp: 10428

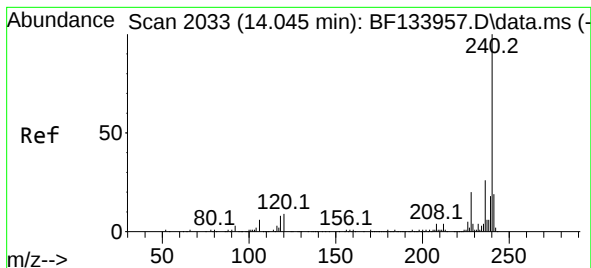
Ion Ratio Lower Upper

248 100

250 192.1 76.2 114.4#

141 473.3 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2033

Delta R.T. -0.012 min

Lab File: BF134371.D

Acq: 19 Jul 2023 21:57

Instrument :

BNA_F

ClientSampleId :

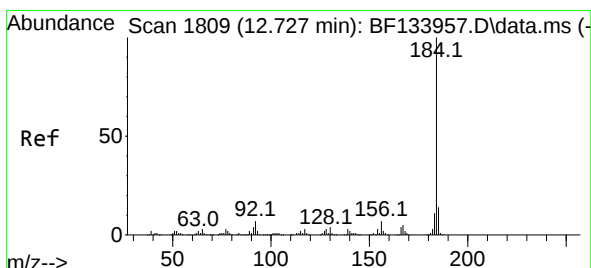
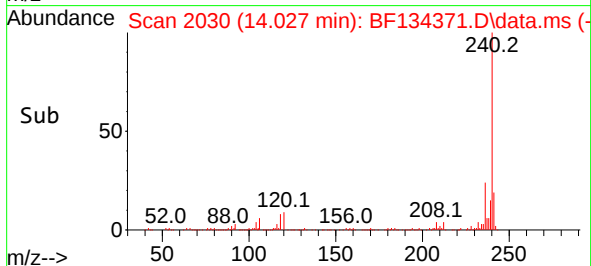
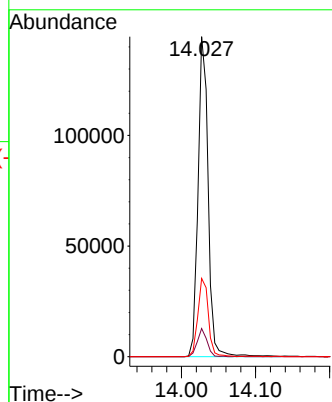
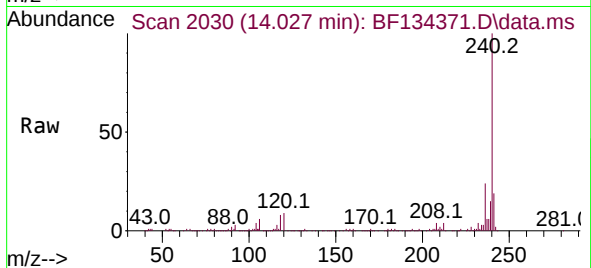
Tgt Ion:240 Resp: 136267

Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.0

236 24.4 21.0 31.6



#77

Benzidine

Concen: 2.771 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.235 min

Lab File: BF134371.D

Acq: 19 Jul 2023 21:57

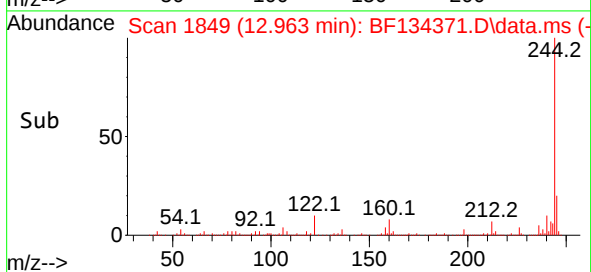
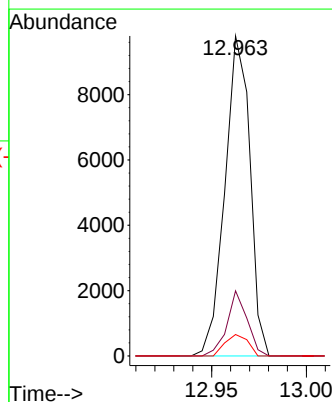
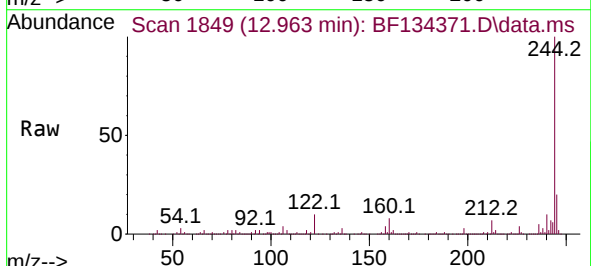
Tgt Ion:184 Resp: 8985

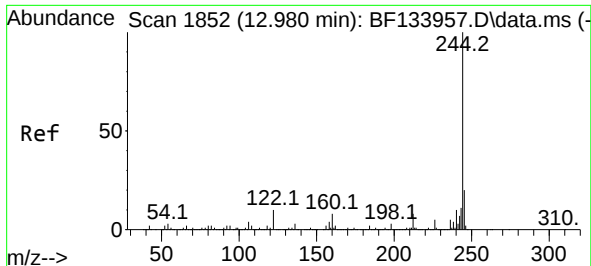
Ion Ratio Lower Upper

184 100

185 20.3 11.6 17.4#

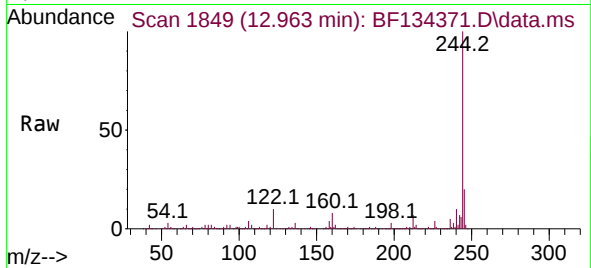
183 6.7 8.8 13.2#



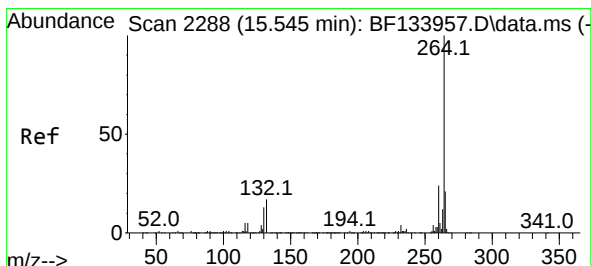
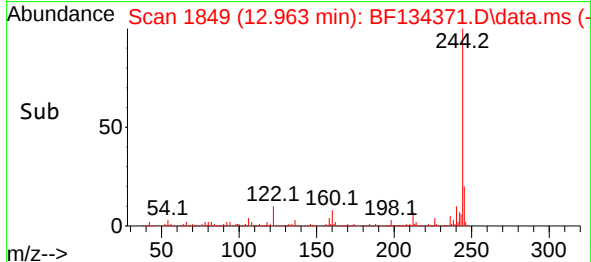
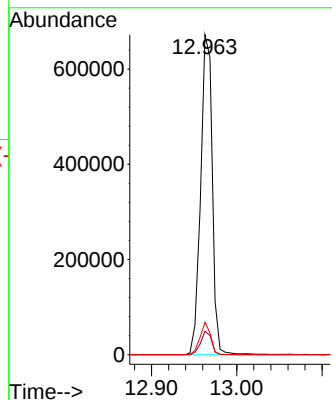


#79
 Terphenyl-d14
 Concen: 75.426 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF134371.D
 Acq: 19 Jul 2023 21:57

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 638617
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.012 min
 Lab File: BF134371.D
 Acq: 19 Jul 2023 21:57

Tgt Ion:264 Resp: 106779
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.1 16.6 25.0

