

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134286.D
 Acq On : 14 Jul 2023 12:29
 Operator : CG\JU
 Sample : PB154085BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154085BL

Quant Time: Jul 15 00:23:40 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)

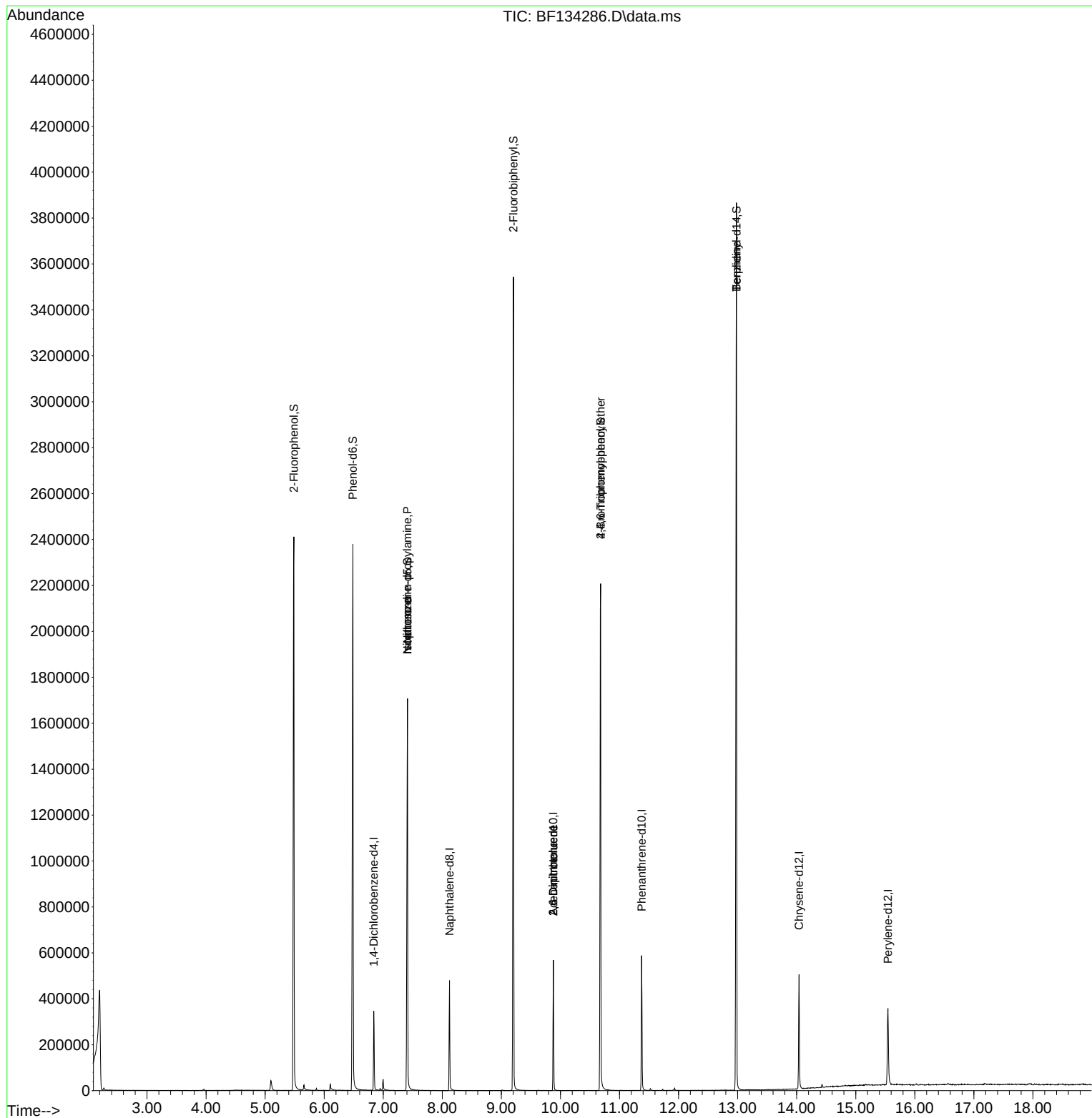
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	49252	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	196423	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	100596	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	213385	20.000	ng	0.00
76) Chrysene-d12	14.039	240	170028	20.000	ng	0.00
86) Perylene-d12	15.545	264	175802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	662828	225.119	ng	0.02
7) Phenol-d6	6.487	99	778919	215.114	ng	0.00
23) Nitrobenzene-d5	7.410	82	541176	148.518	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	306084	242.679	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1061291	153.386	ng	0.00
79) Terphenyl-d14	12.980	244	1399569	132.478	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	1427	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	76259	33.210	ng	# 75
25) Isophorone	7.410	82	541168	81.717	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	12868	8.182	ng	# 22
57) 2,4-Dinitrotoluene	9.880	165	12868	6.195	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	18785	8.283	ng	# 1
77) Benzydine	12.980	184	18920	4.677	ng	# 91

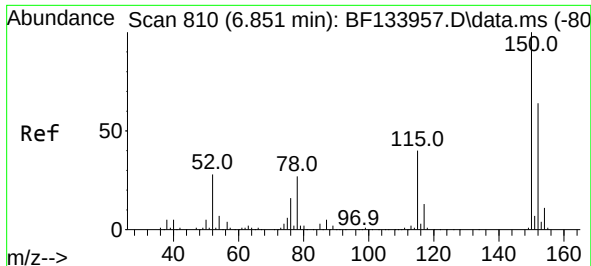
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
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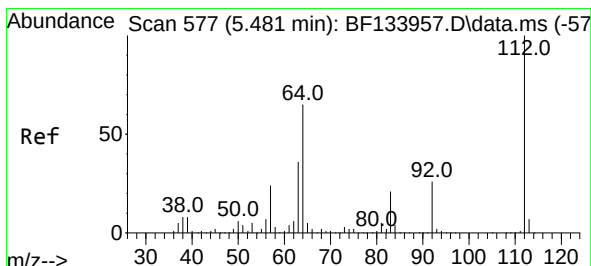
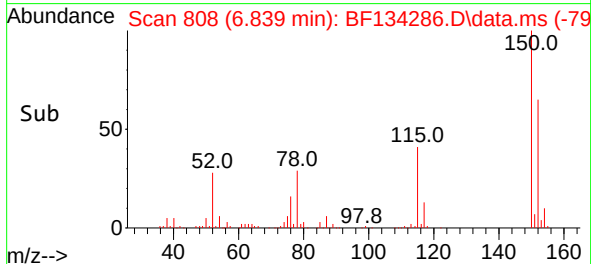
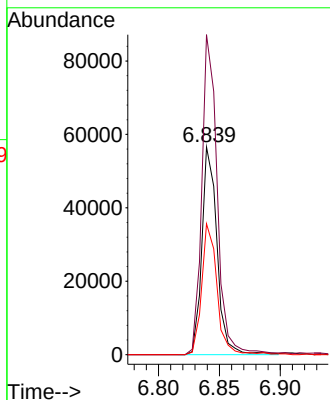
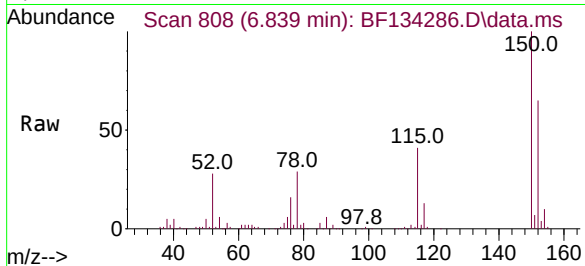




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

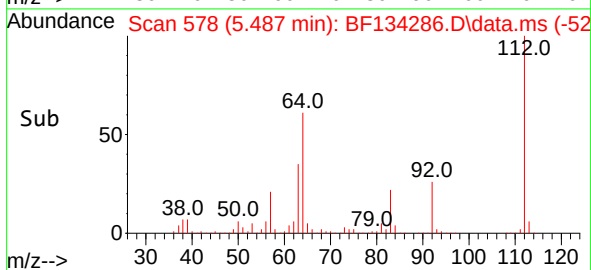
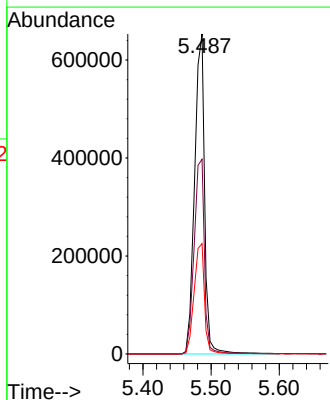
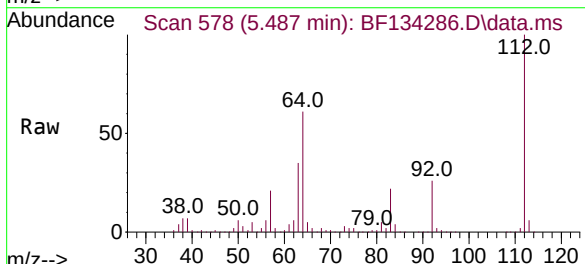
Instrument :
BNA_F
ClientSampleId :
PB154085BL

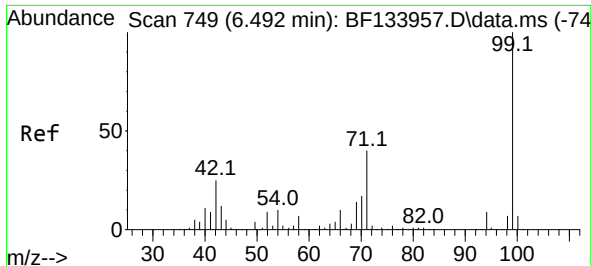
Tgt Ion:152 Resp: 49252
Ion Ratio Lower Upper
152 100
150 154.1 124.5 186.7
115 63.1 50.2 75.2



#5
2-Fluorophenol
Concen: 225.119 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.018 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

Tgt Ion:112 Resp: 662828
Ion Ratio Lower Upper
112 100
64 60.8 52.1 78.1
63 34.5 28.6 42.8

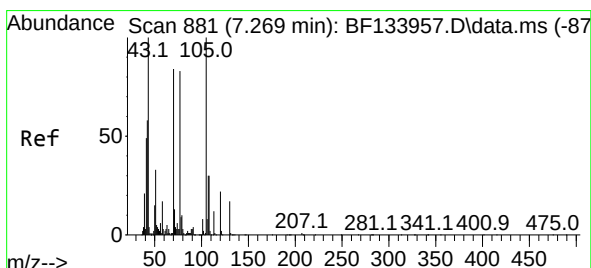
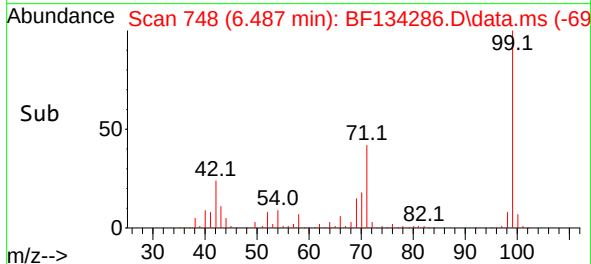
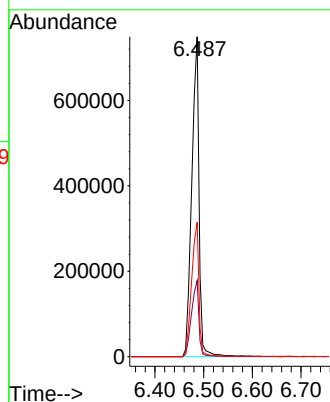
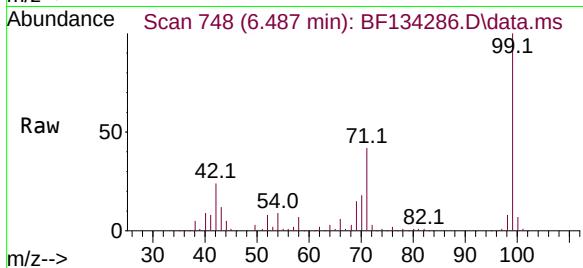




#7
Phenol-d6
Concen: 215.114 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

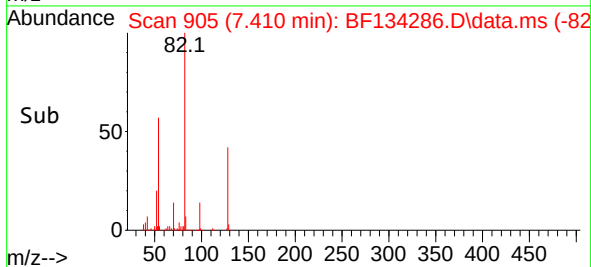
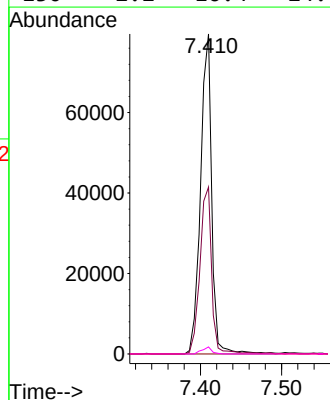
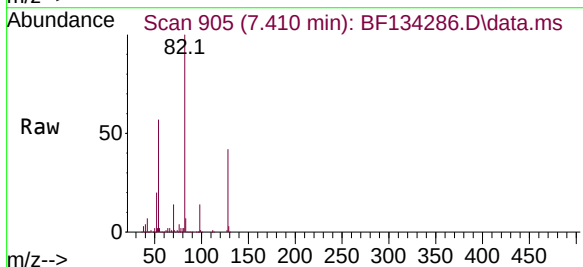
Instrument :
BNA_F
ClientSampleId :
PB154085BL

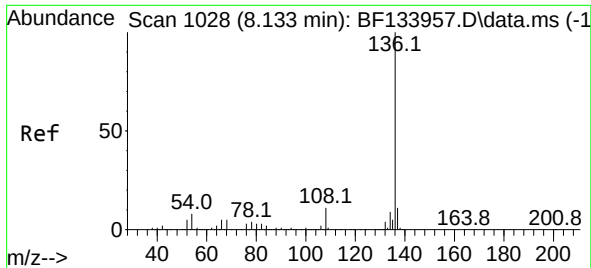
Tgt Ion: 99 Resp: 778919
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.6
71 42.0 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 33.210 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

Tgt Ion: 70 Resp: 76259
Ion Ratio Lower Upper
70 100
42 52.2 54.7 82.1#
101 0.0 7.7 11.5#
130 2.2 16.4 24.6#

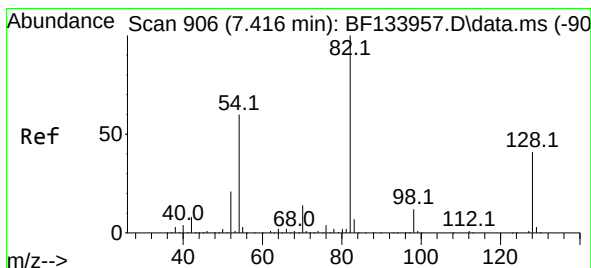
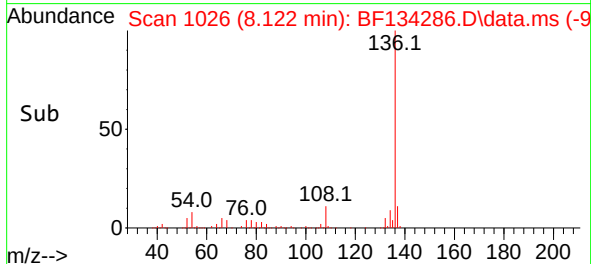
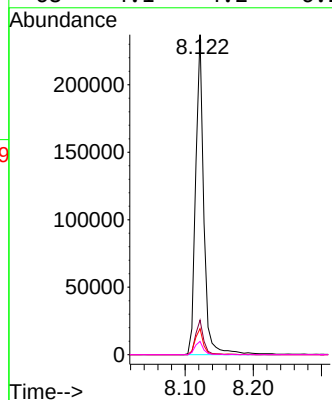
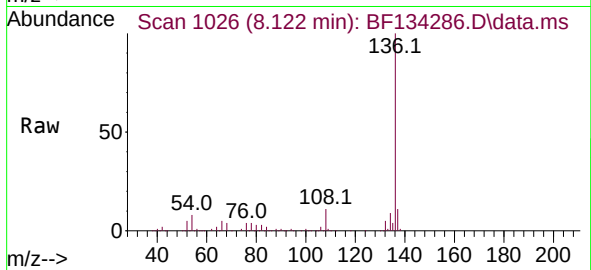




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

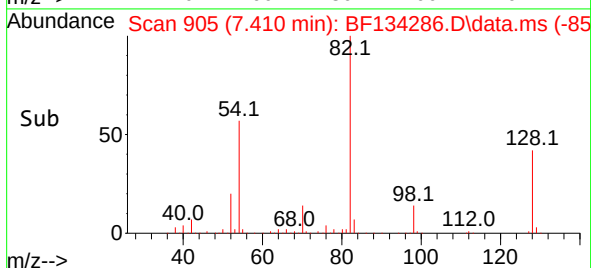
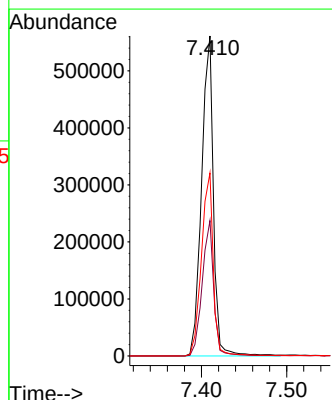
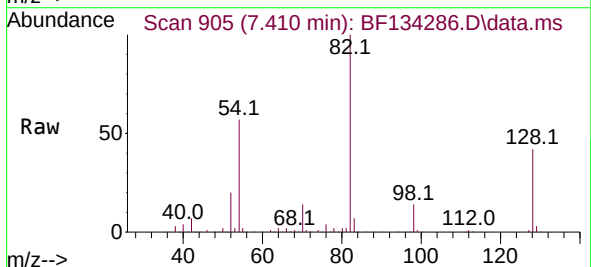
Instrument :
BNA_F
ClientSampleId :
PB154085BL

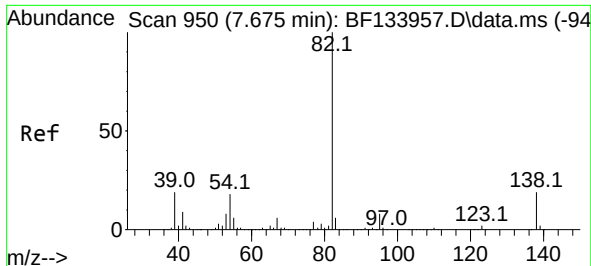
Tgt Ion:136 Resp: 196423
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.1 6.5 9.7
68 4.1 4.2 6.2#



#23
Nitrobenzene-d5
Concen: 148.518 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

Tgt Ion: 82 Resp: 541176
Ion Ratio Lower Upper
82 100
128 42.3 32.5 48.7
54 57.2 48.2 72.2

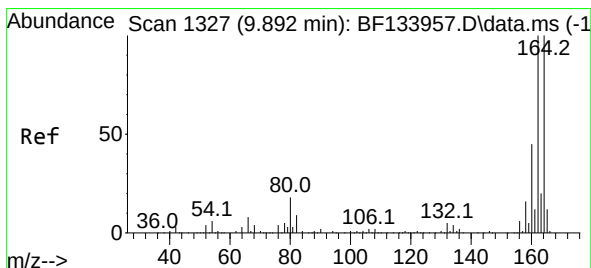
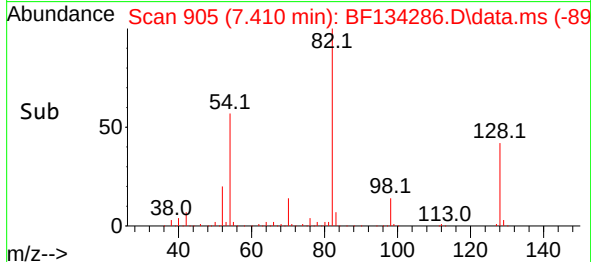
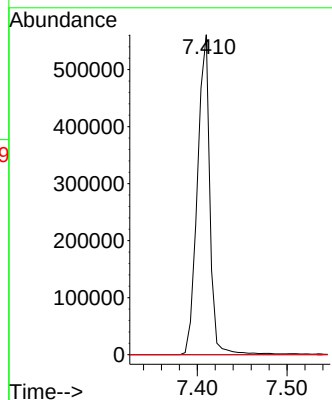
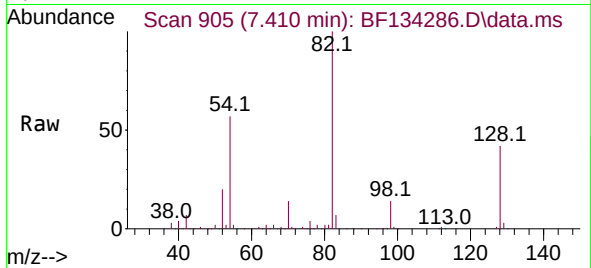




#25
Isophorone
Concen: 81.717 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

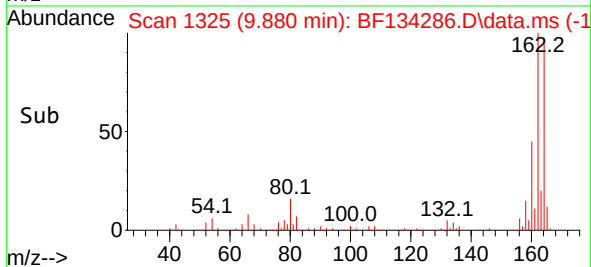
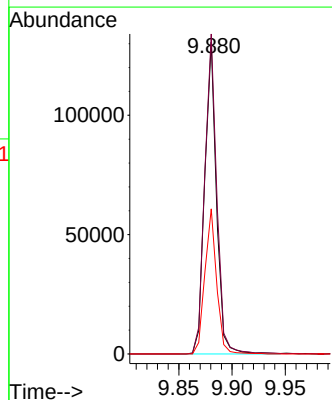
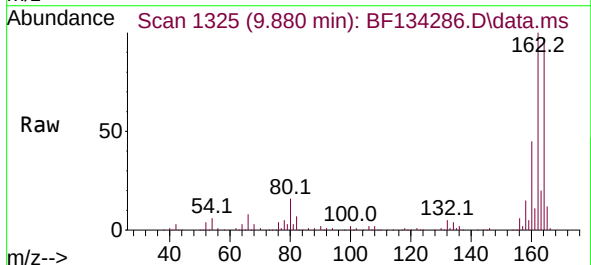
Instrument :
BNA_F
ClientSampleId :
PB154085BL

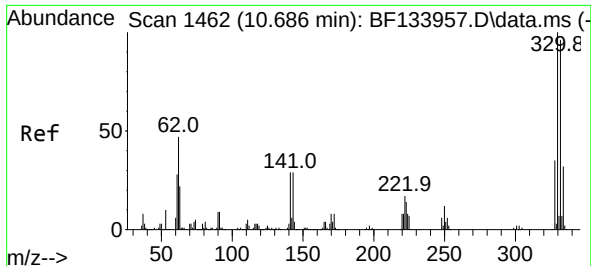
Tgt Ion: 82 Resp: 541168
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

Tgt Ion: 164 Resp: 100596
Ion Ratio Lower Upper
164 100
162 102.6 80.0 120.0
160 46.5 35.9 53.9

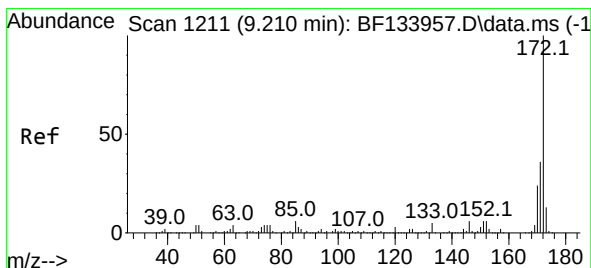
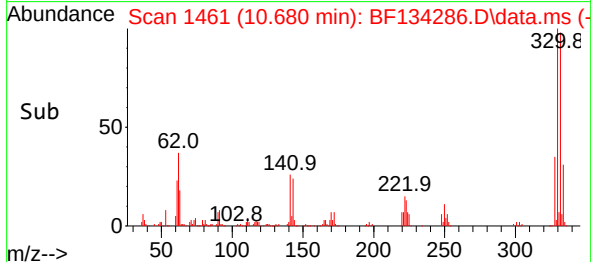
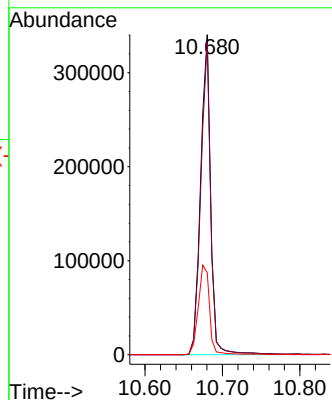
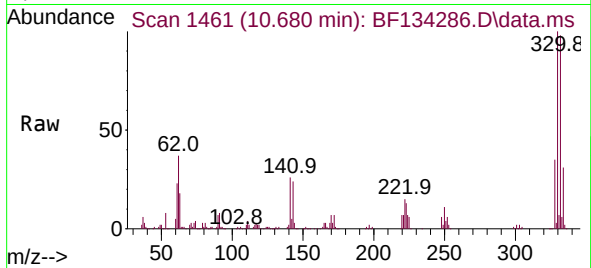




#42
2,4,6-Tribromophenol
Concen: 242.679 ng
RT: 10.680 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

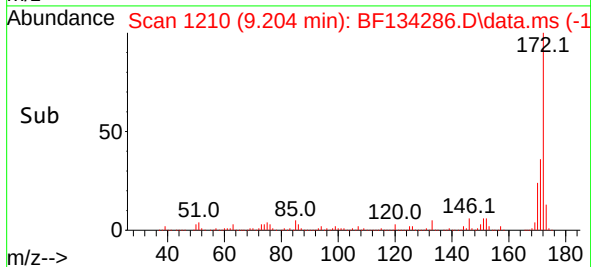
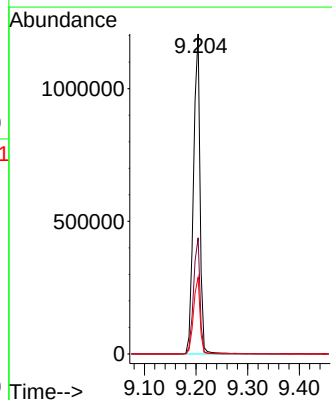
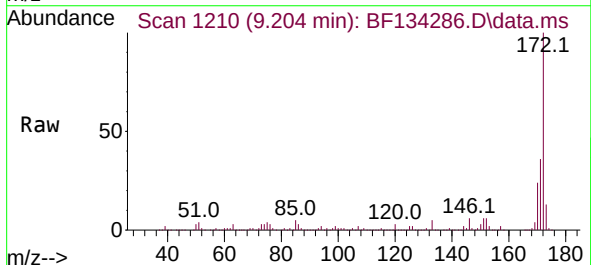
Instrument :
BNA_F
ClientSampleId :
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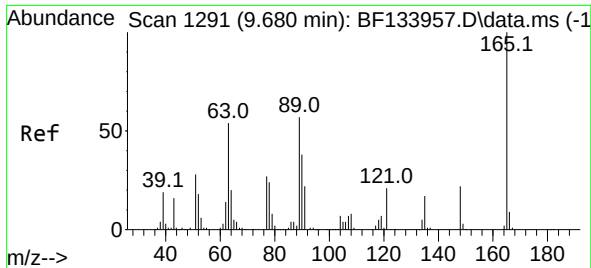
Tgt Ion:330 Resp: 306084
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 31.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 153.386 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

Tgt Ion:172 Resp: 1061291
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 23.9 19.4 29.0

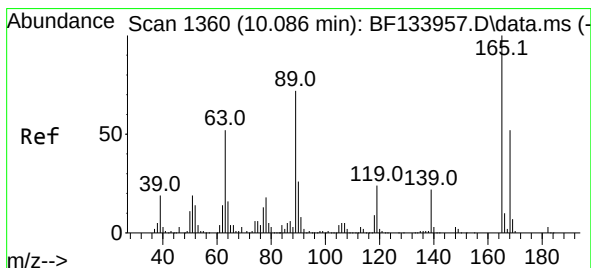
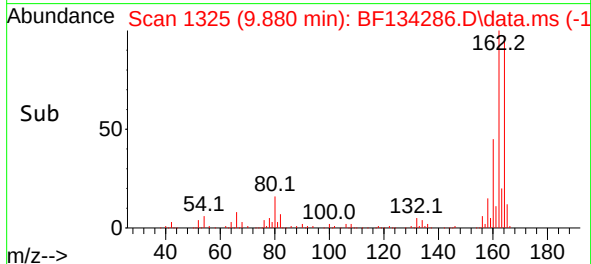
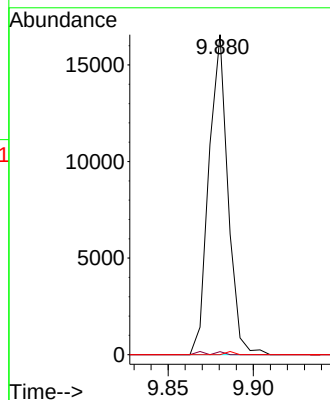
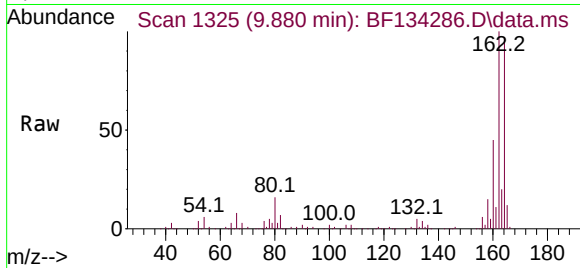




#51
2,6-Dinitrotoluene
Concen: 8.182 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

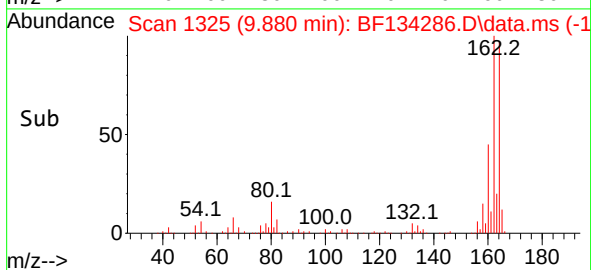
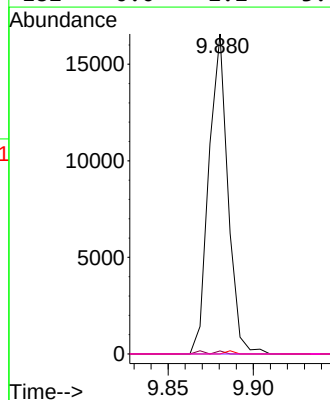
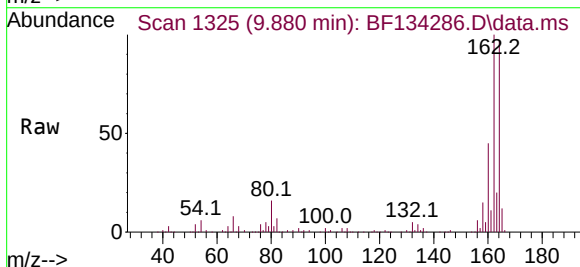
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PB154085BL

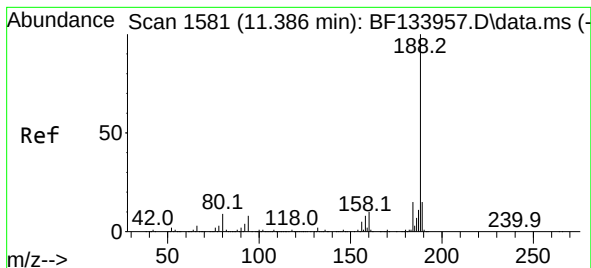
Tgt Ion:165 Resp: 12868
Ion Ratio Lower Upper
165 100
63 1.0 48.5 72.7#
89 0.0 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.195 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

Tgt Ion:165 Resp: 12868
Ion Ratio Lower Upper
165 100
63 1.0 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: 11.374 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134286.D

Acq: 14 Jul 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB154085BL

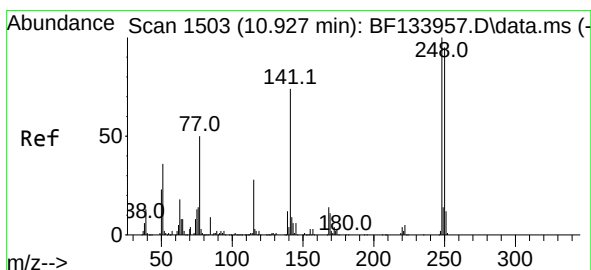
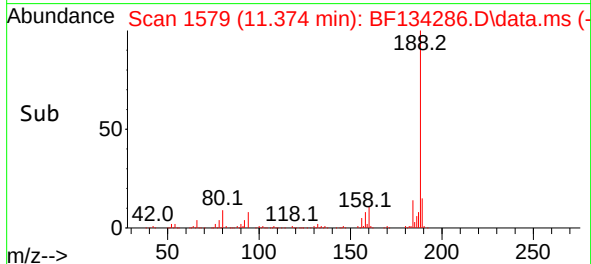
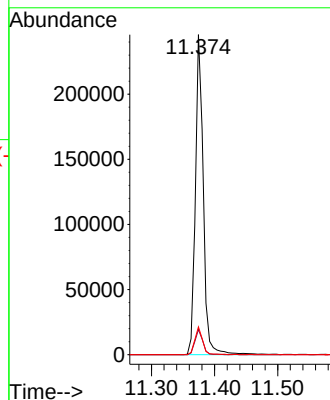
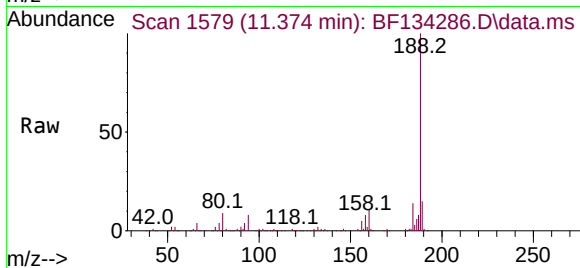
Tgt Ion:188 Resp: 213385

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.7 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 8.283 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.235 min

Lab File: BF134286.D

Acq: 14 Jul 2023 12:29

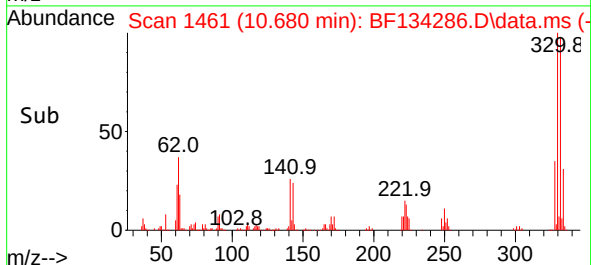
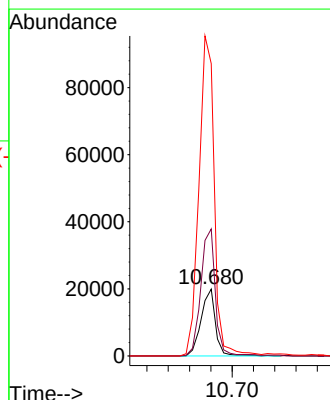
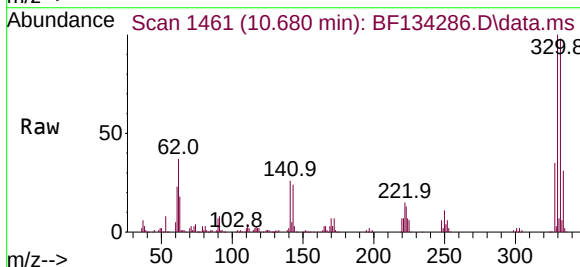
Tgt Ion:248 Resp: 18785

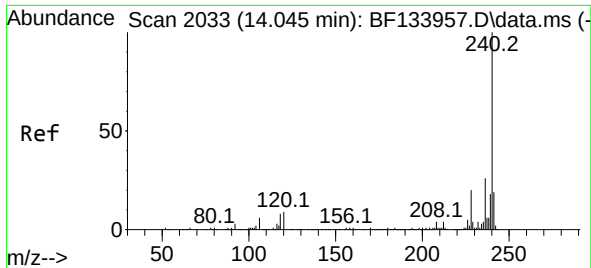
Ion Ratio Lower Upper

248 100

250 190.0 76.2 114.4#

141 436.9 59.0 88.4#

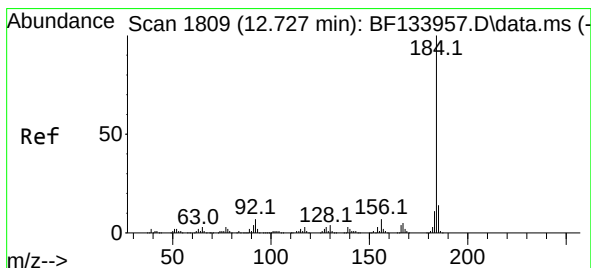
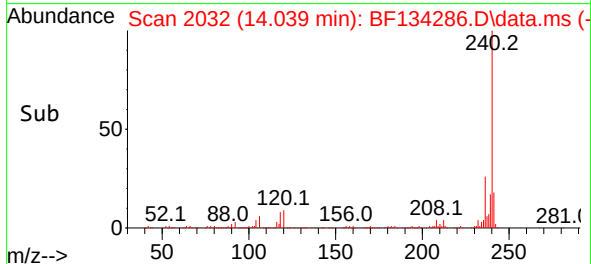
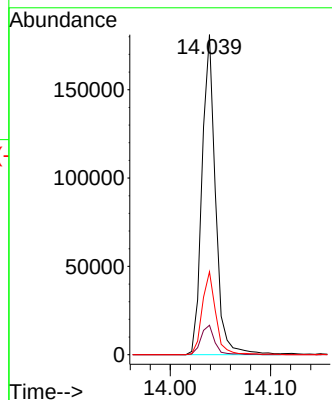
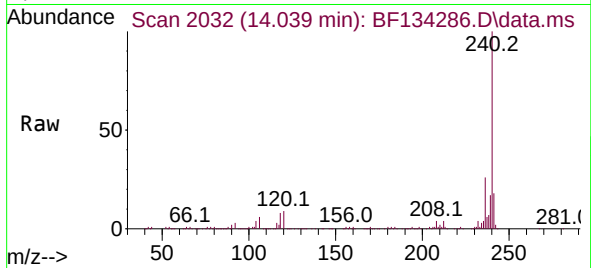




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

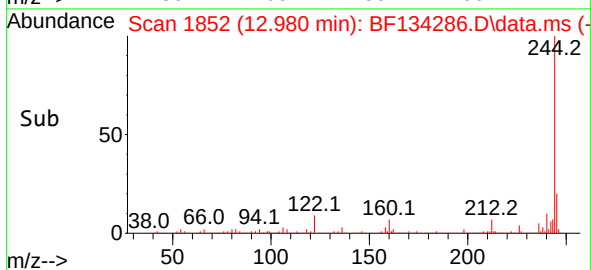
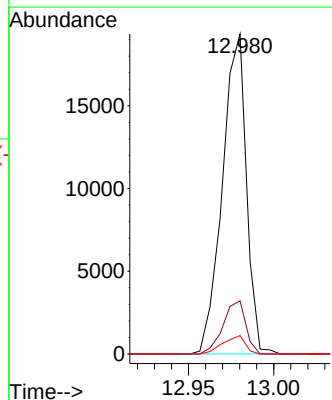
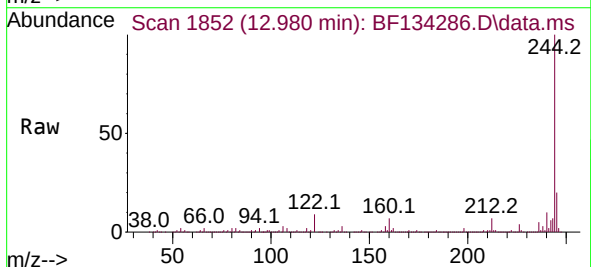
Instrument :
BNA_F
ClientSampleId :
PB154085BL

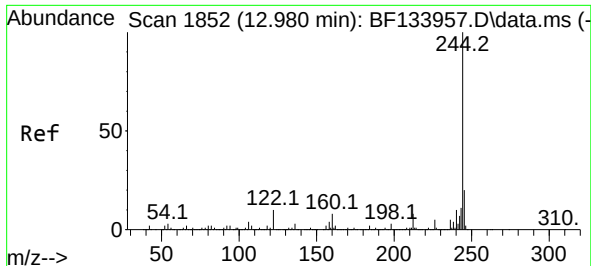
Tgt Ion:240 Resp: 170028
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 25.9 21.0 31.6



#77
Benzidine
Concen: 4.677 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF134286.D
Acq: 14 Jul 2023 12:29

Tgt Ion:184 Resp: 18920
Ion Ratio Lower Upper
184 100
185 16.6 11.6 17.4
183 5.8 8.8 13.2#

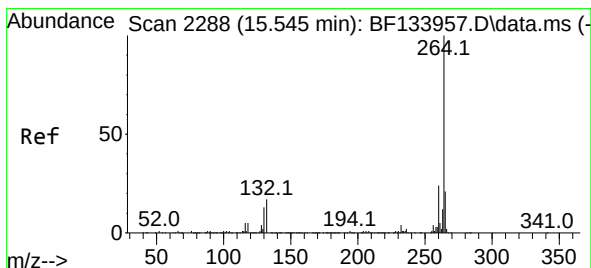
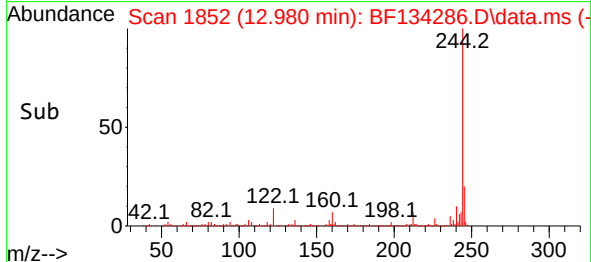
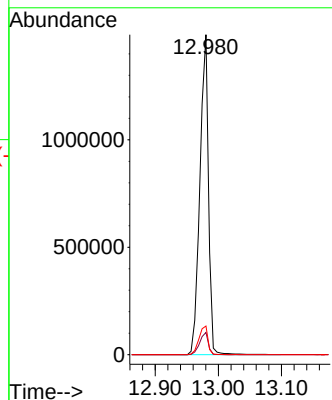
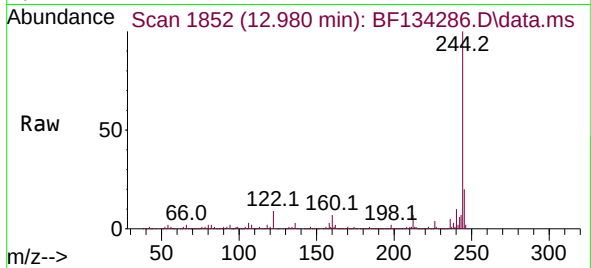




#79
 Terphenyl-d14
 Concen: 132.478 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF134286.D
 Acq: 14 Jul 2023 12:29

Instrument :
 BNA_F
 ClientSampleId :
 PB154085BL

Tgt Ion:244 Resp: 1399569
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF134286.D
 Acq: 14 Jul 2023 12:29

Tgt Ion:264 Resp: 175802
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.1 16.6 25.0

