

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
 Data File : BF134416.D
 Acq On : 22 Jul 2023 11:46
 Operator : CG\JU
 Sample : PB154316BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154316BL

Quant Time: Jul 22 13:54:48 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)

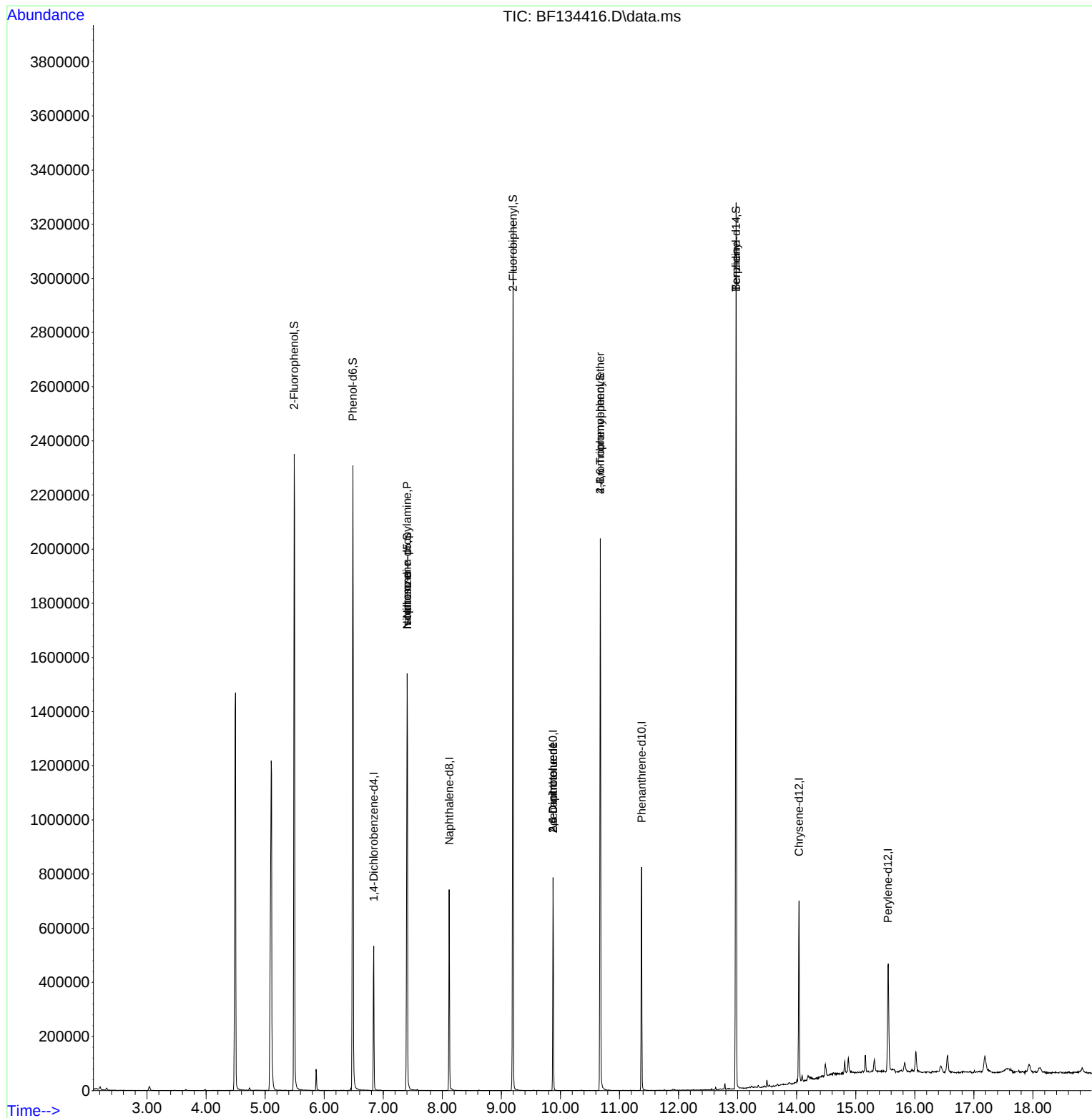
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	75224	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	298263	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	146093	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	301047	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	226063	20.000	ng	0.00
86) Perylene-d12	15.545	264	199400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	673070	149.672	ng	0.02
7) Phenol-d6	6.487	99	809981	146.460	ng	0.00
23) Nitrobenzene-d5	7.404	82	535172	96.722	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	279217	152.435	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	926650	92.219	ng	0.00
79) Terphenyl-d14	12.974	244	1199652	85.407	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.416	77	204	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	74584	21.266	ng	# 76
25) Isophorone	7.404	82	535166	53.219	ng	# 64
51) 2,6-Dinitrotoluene	9.875	165	18809	8.235	ng	# 23
57) 2,4-Dinitrotoluene	9.875	165	18809	6.235	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	16838	5.262	ng	# 1
77) Benizidine	12.974	184	16033	2.981	ng	# 89

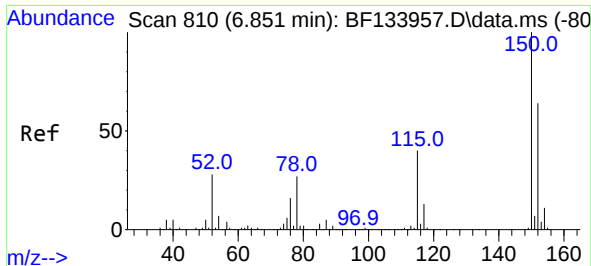
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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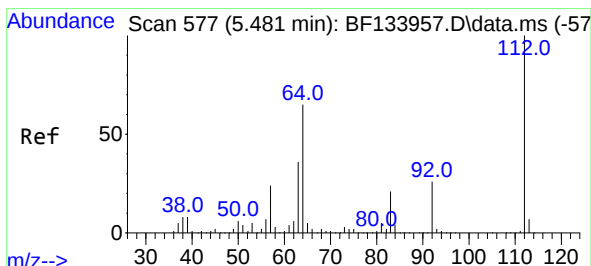
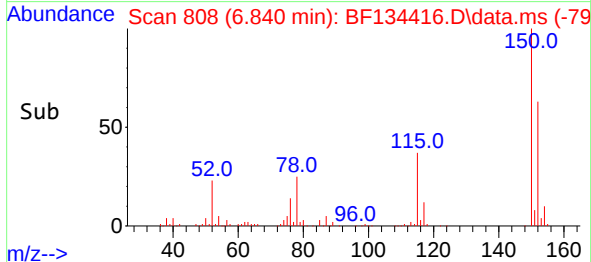
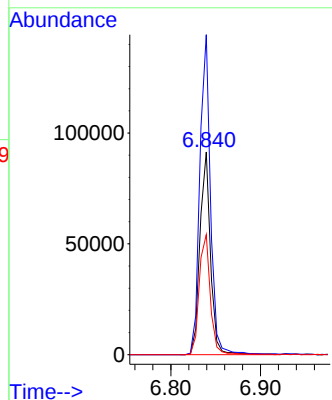
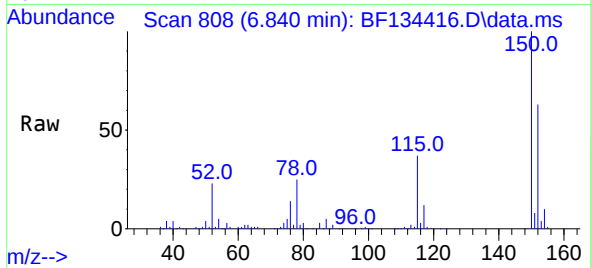




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

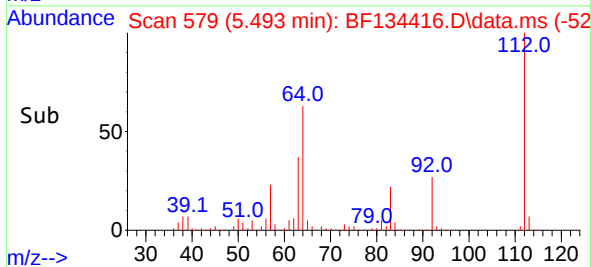
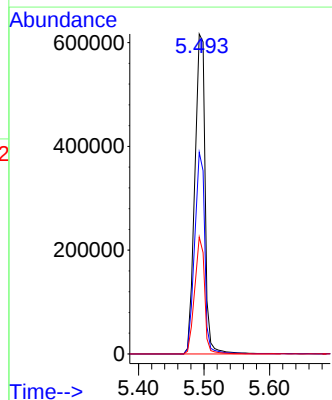
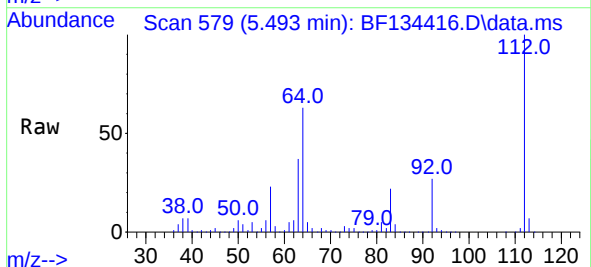
Instrument :
BNA_F
ClientSampleId :
PB154316BL

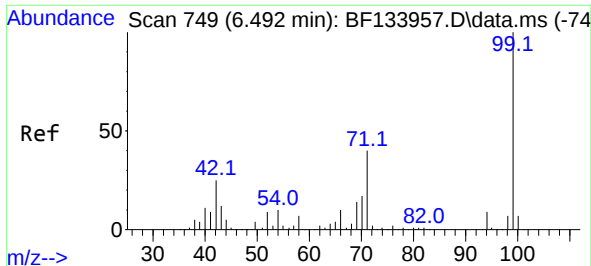
Tgt Ion:152 Resp: 75224
Ion Ratio Lower Upper
152 100
150 157.9 124.5 186.7
115 59.2 50.2 75.2



#5
2-Fluorophenol
Concen: 149.672 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.024 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

Tgt Ion:112 Resp: 673070
Ion Ratio Lower Upper
112 100
64 63.0 52.1 78.1
63 36.6 28.6 42.8

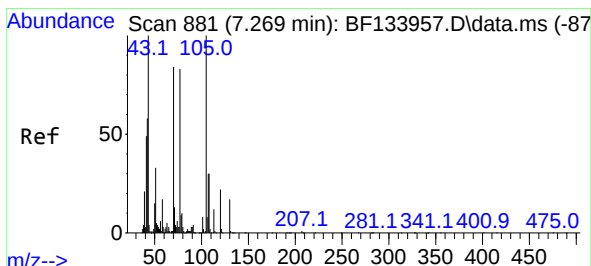
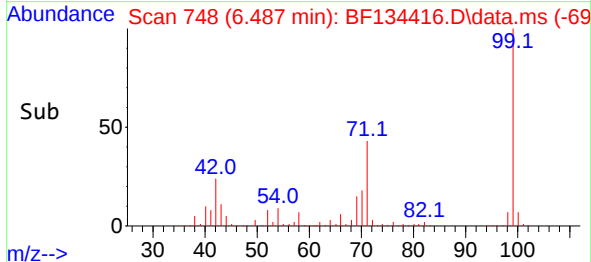
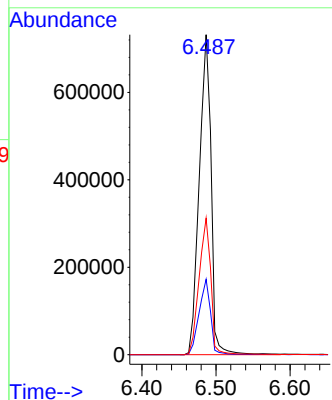
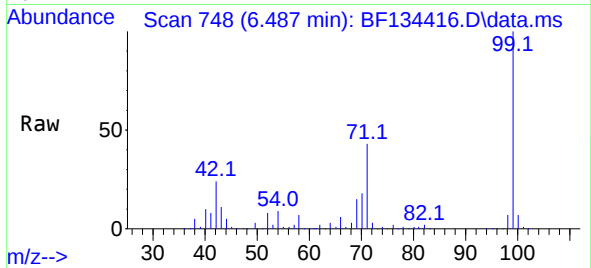




#7
Phenol-d6
Concen: 146.460 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

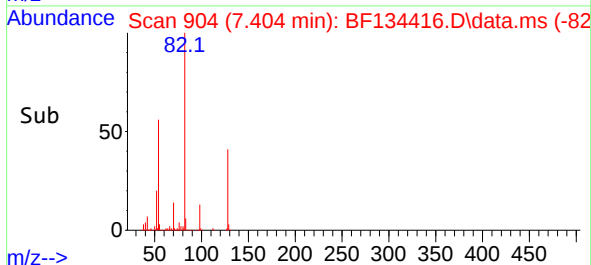
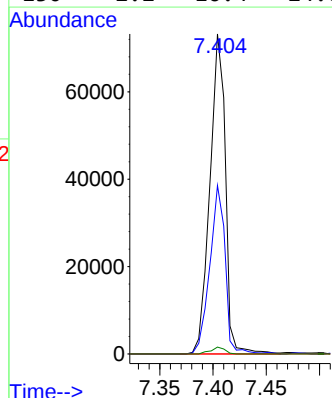
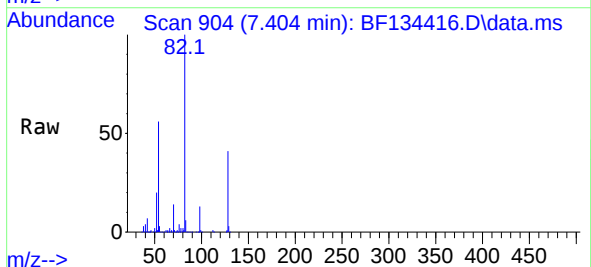
Instrument :
BNA_F
ClientSampleId :
PB154316BL

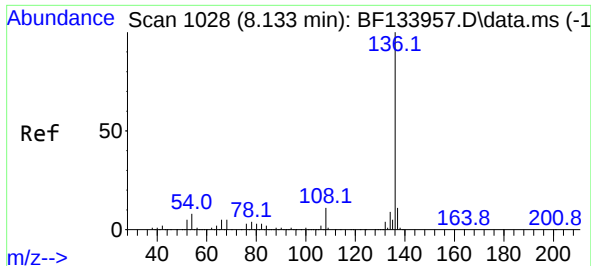
Tgt Ion: 99 Resp: 809981
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.6
71 42.6 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.266 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

Tgt Ion: 70 Resp: 74584
Ion Ratio Lower Upper
70 100
42 52.7 54.7 82.1#
101 0.0 7.7 11.5#
130 2.2 16.4 24.6#



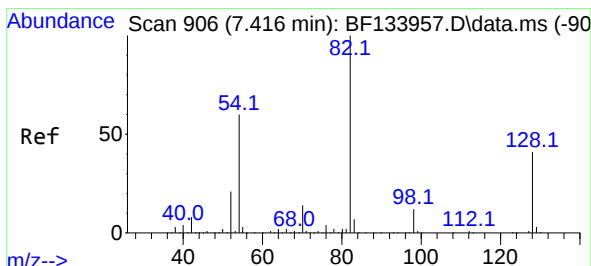
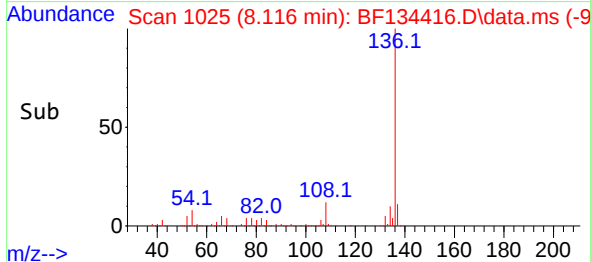
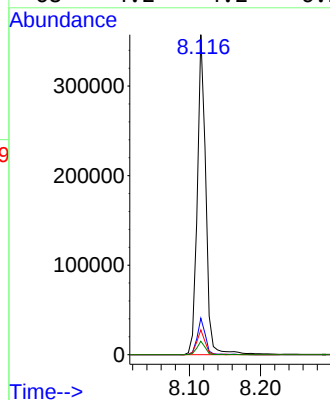
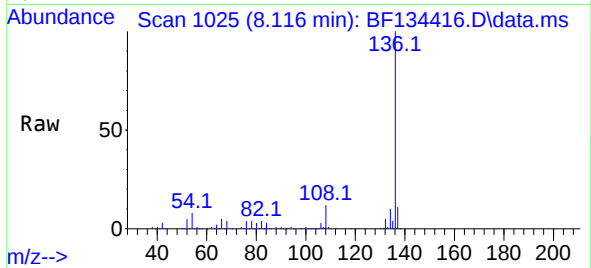


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

Instrument :
BNA_F
ClientSampleId :
PB154316BL

Tgt Ion:136 Resp: 298263

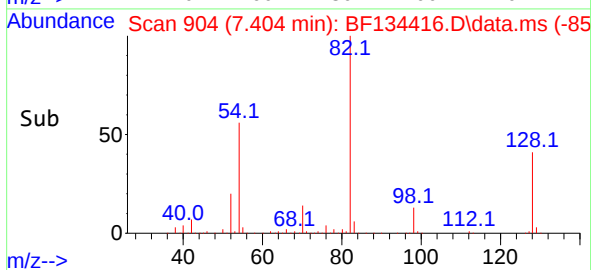
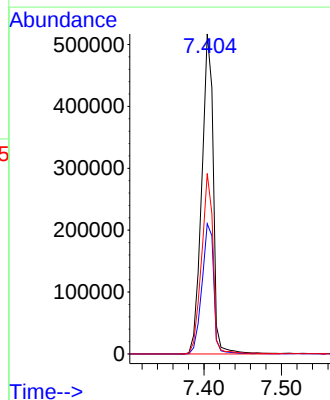
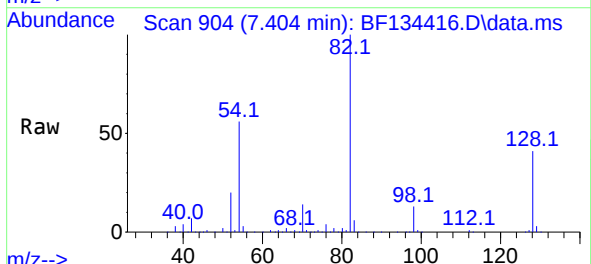
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	7.8	6.5	9.7
68	4.2	4.2	6.2

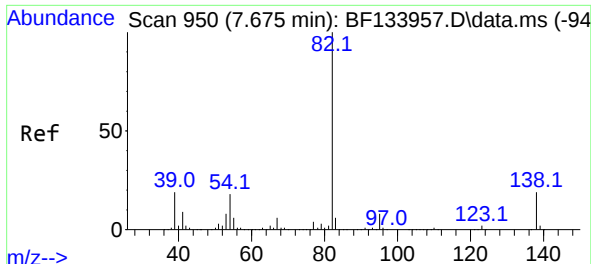


#23
Nitrobenzene-d5
Concen: 96.722 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

Tgt Ion: 82 Resp: 535172

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.5	48.7
54	56.4	48.2	72.2

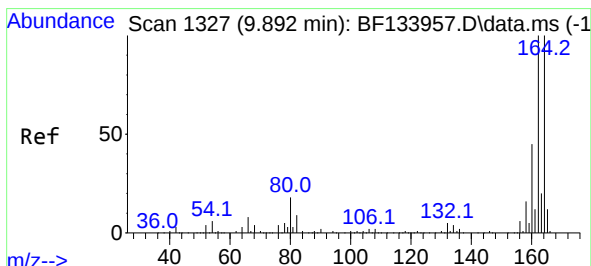
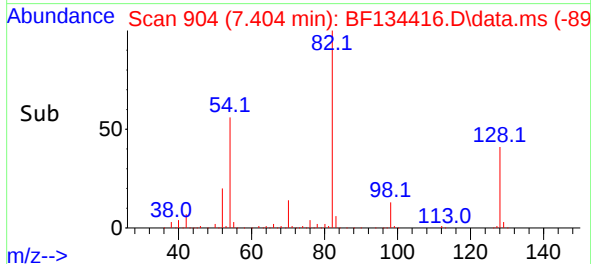
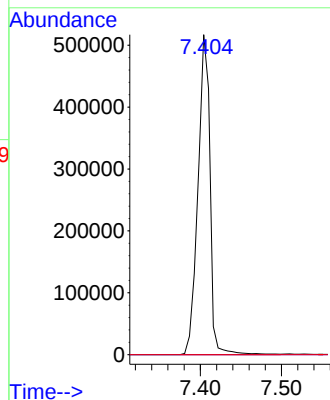
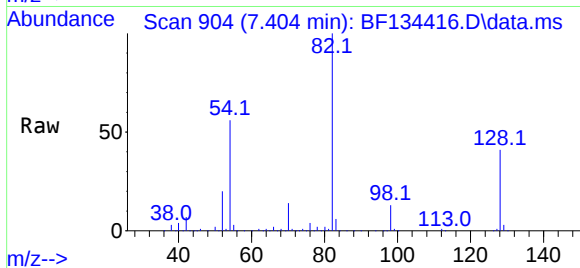




#25
Isophorone
Concen: 53.219 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

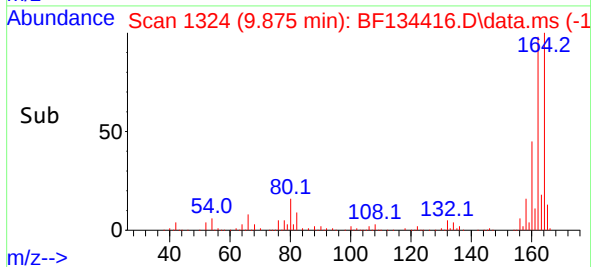
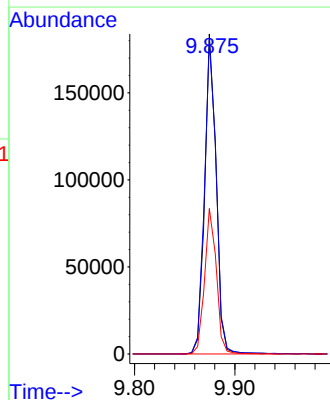
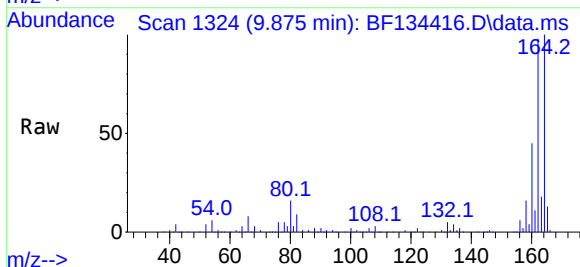
Instrument :
BNA_F
ClientSampleId :
PB154316BL

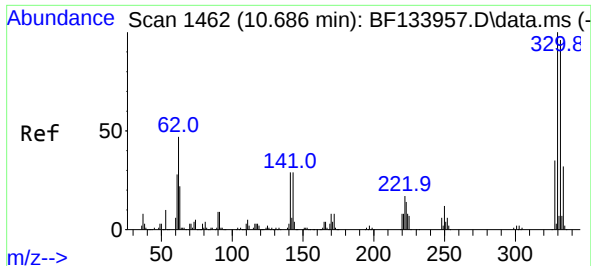
Tgt Ion: 82 Resp: 535166
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

Tgt Ion:164 Resp: 146093
Ion Ratio Lower Upper
164 100
162 98.1 80.0 120.0
160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 152.435 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134416.D

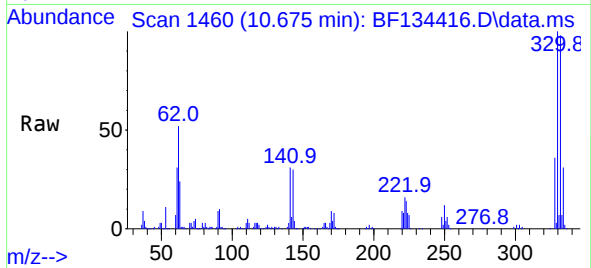
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Instrument :

BNA_F

ClientSampleId :

PB154316BL



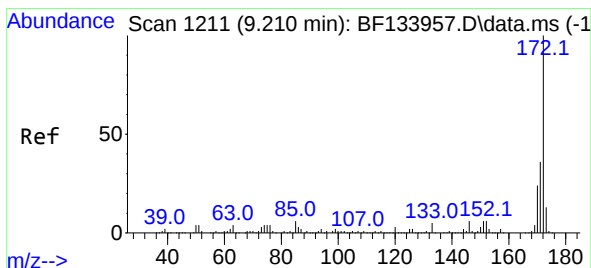
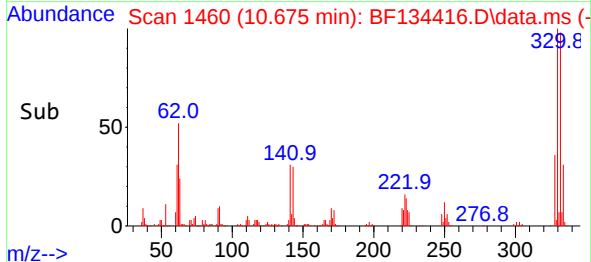
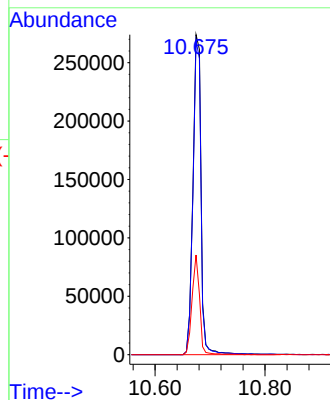
Tgt Ion:330 Resp: 279217

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

141 29.2 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 92.219 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134416.D

Acq: 22 Jul 2023 11:46

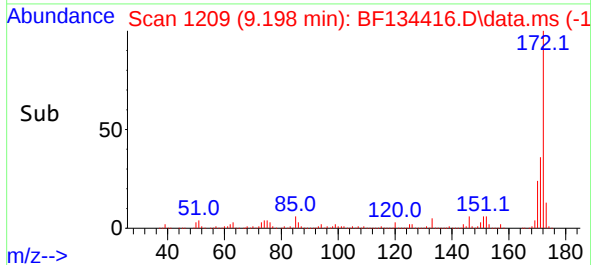
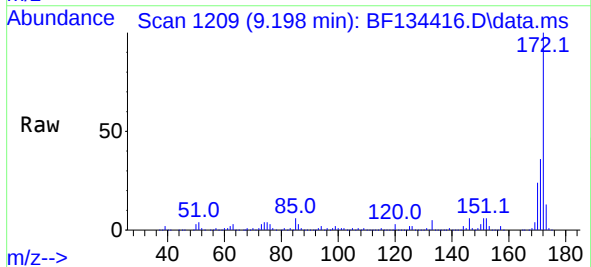
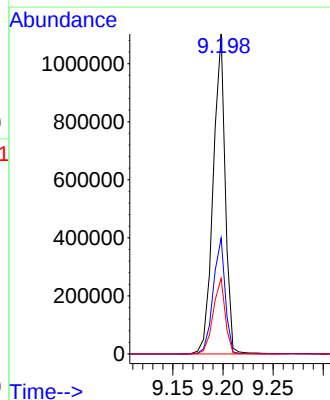
Tgt Ion:172 Resp: 926650

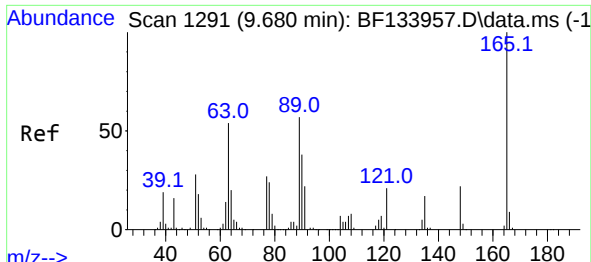
Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 23.6 19.4 29.0

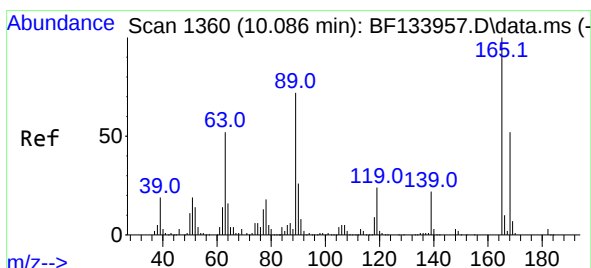
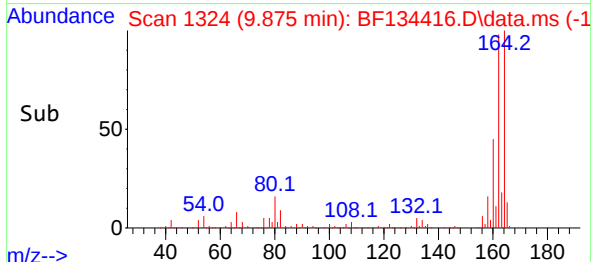
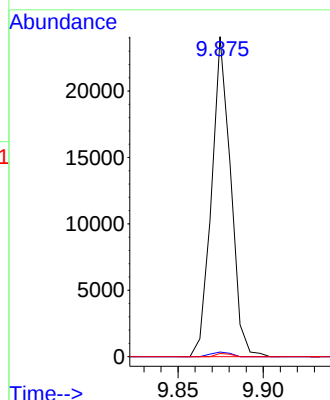
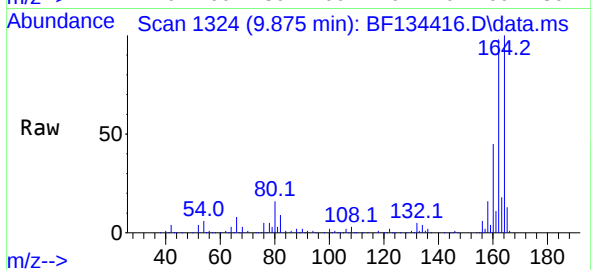




#51
2,6-Dinitrotoluene
Concen: 8.235 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

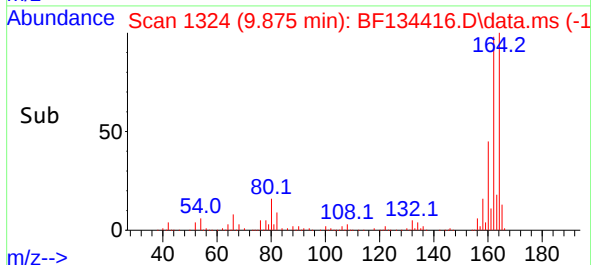
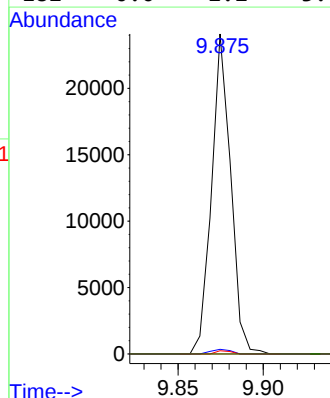
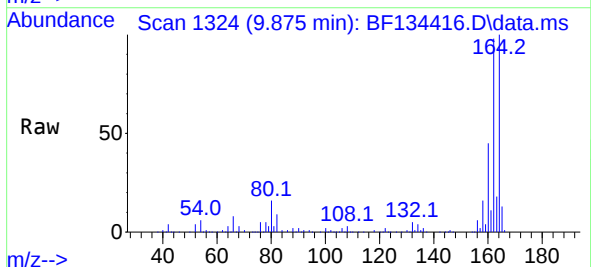
Instrument :
BNA_F
ClientSampleId :
PB154316BL

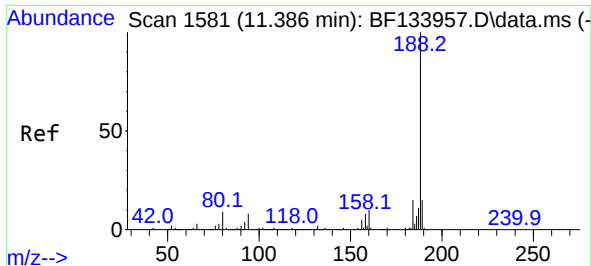
Tgt Ion:165 Resp: 18809
Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 1.0 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.235 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

Tgt Ion:165 Resp: 18809
Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 1.0 57.4 86.2#
182 0.0 2.2 3.4#

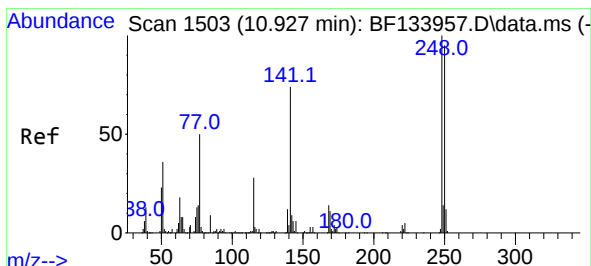
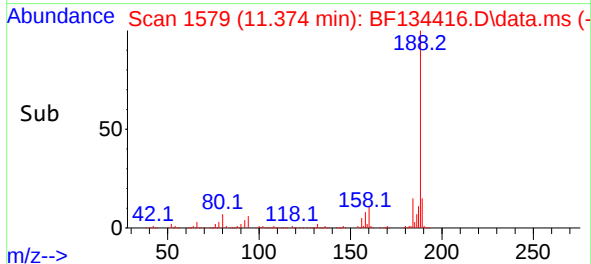
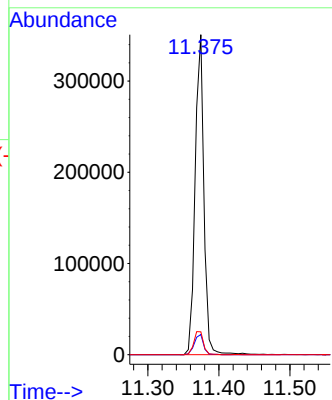
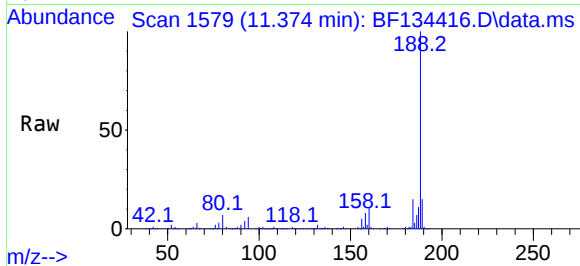




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

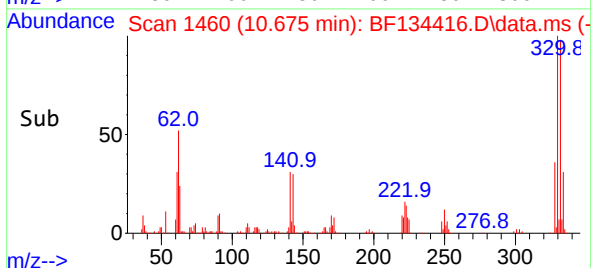
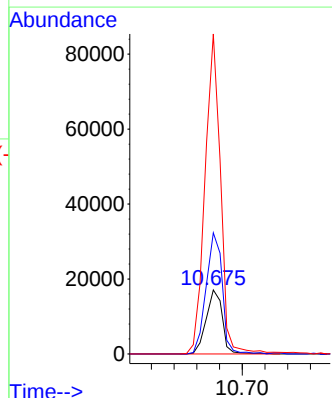
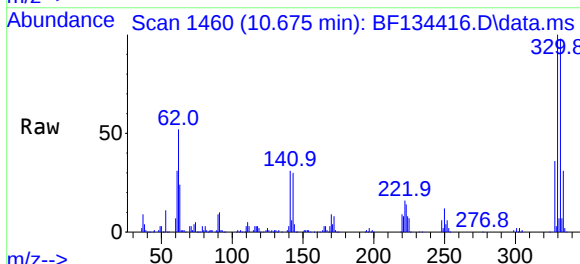
Instrument :
BNA_F
ClientSampleId :
PB154316BL

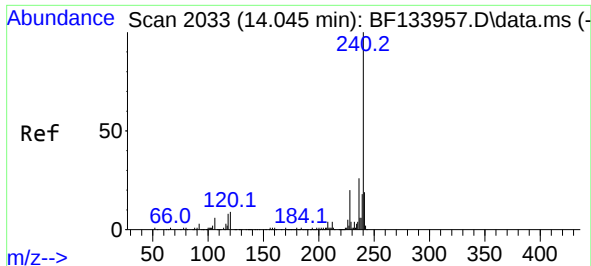
Tgt Ion:188 Resp: 301047
Ion Ratio Lower Upper
188 100
94 6.3 6.4 9.6#
80 7.1 7.3 10.9#



#67
4-Bromophenyl-phenylether
Concen: 5.262 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.241 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

Tgt Ion:248 Resp: 16838
Ion Ratio Lower Upper
248 100
250 189.2 76.2 114.4#
141 500.0 59.0 88.4#

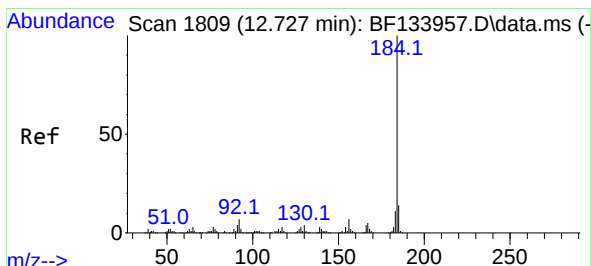
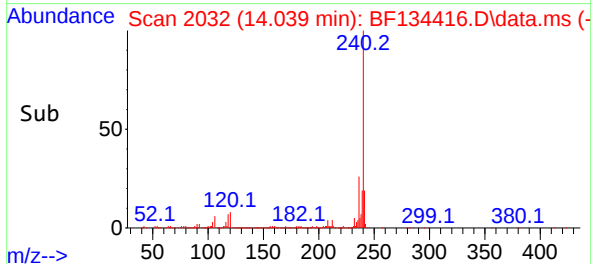
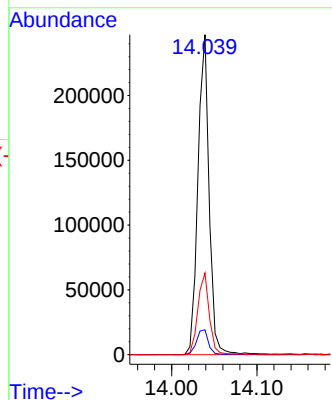
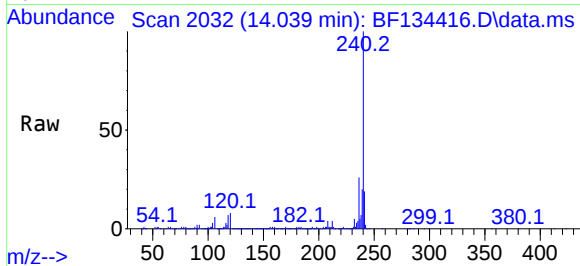




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

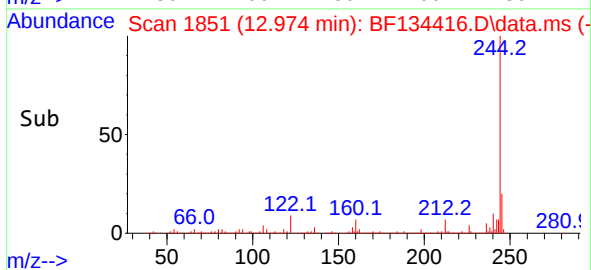
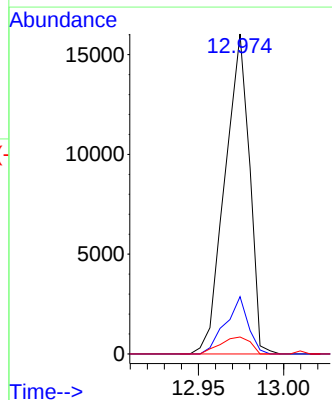
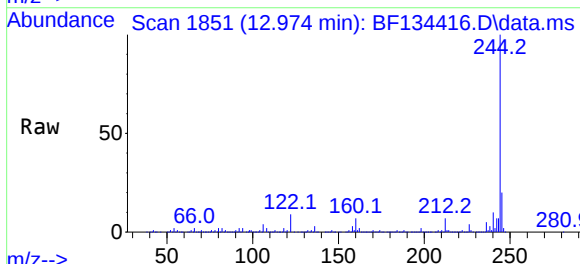
Instrument :
BNA_F
ClientSampleId :
PB154316BL

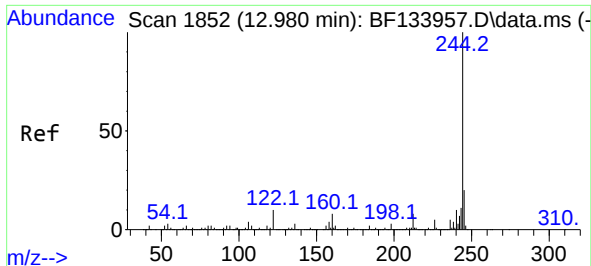
Tgt Ion:240 Resp: 226063
Ion Ratio Lower Upper
240 100
120 7.7 7.4 11.0
236 25.5 21.0 31.6



#77
Benzidine
Concen: 2.981 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

Tgt Ion:184 Resp: 16033
Ion Ratio Lower Upper
184 100
185 17.9 11.6 17.4#
183 5.3 8.8 13.2#

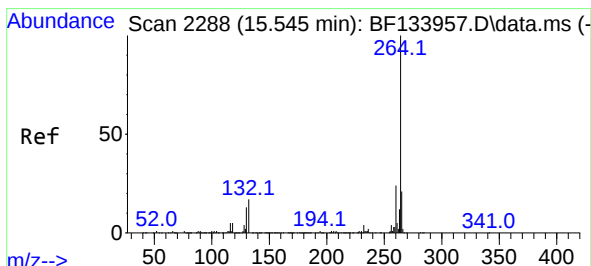
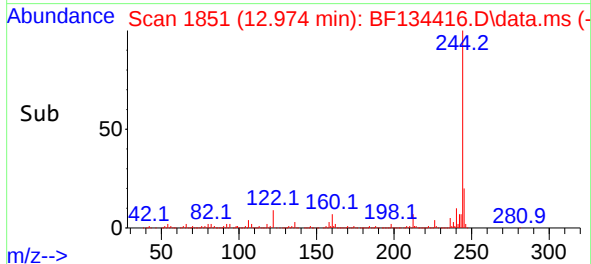
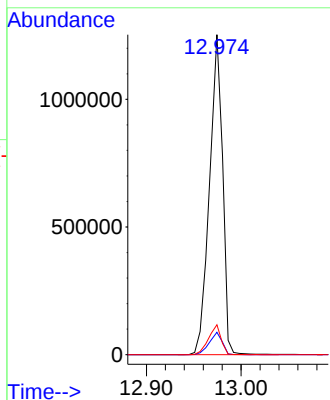
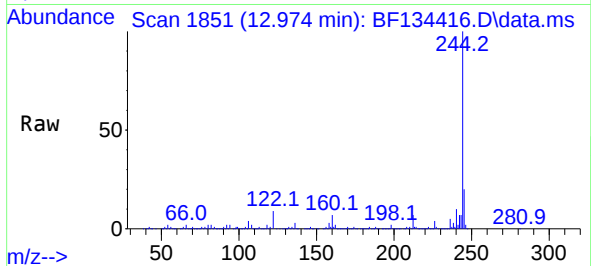




#79
 Terphenyl-d14
 Concen: 85.407 ng
 RT: 12.974 min Scan# 1199652
 Delta R.T. 0.000 min
 Lab File: BF134416.D
 Acq: 22 Jul 2023 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB154316BL

Tgt Ion:244 Resp: 1199652
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.4 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: BF134416.D
 Acq: 22 Jul 2023 11:46

Tgt Ion:264 Resp: 199400
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.2 16.6 25.0

