

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134293.D
 Acq On : 14 Jul 2023 16:31
 Operator : CG\JU
 Sample : PB154177BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154177BL

Quant Time: Jul 15 00:46:49 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)

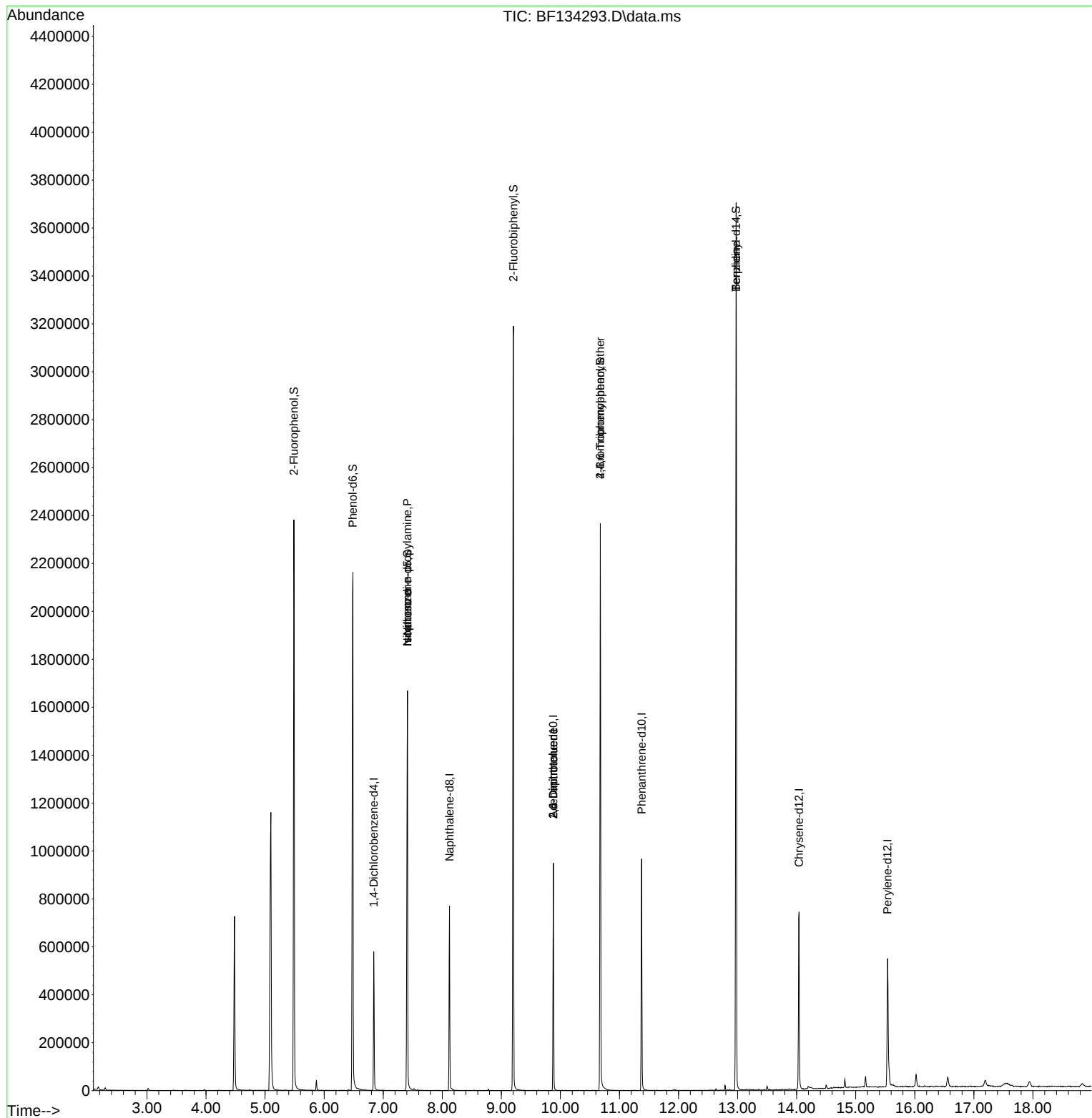
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	80581	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	317785	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	169033	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	355001	20.000	ng	0.00
76) Chrysene-d12	14.039	240	275758	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	262553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	644230	133.735	ng	0.02
7) Phenol-d6	6.487	99	761226	128.494	ng	0.00
23) Nitrobenzene-d5	7.410	82	527069	89.406	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	308148	145.398	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1036264	89.132	ng	0.00
79) Terphenyl-d14	12.974	244	1372627	80.111	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	1199	Below Cal		89
19) n-Nitroso-di-n-propyla...	7.410	70	74816	19.914 ng	#	74
25) Isophorone	7.410	82	527065	49.193 ng	#	64
51) 2,6-Dinitrotoluene	9.881	165	21511	8.140 ng	#	23
57) 2,4-Dinitrotoluene	9.881	165	21511	6.163 ng	#	22
67) 4-Bromophenyl-phenylether	10.675	248	18322	4.856 ng	#	1
77) Benizidine	12.974	184	19510	2.973 ng	#	94

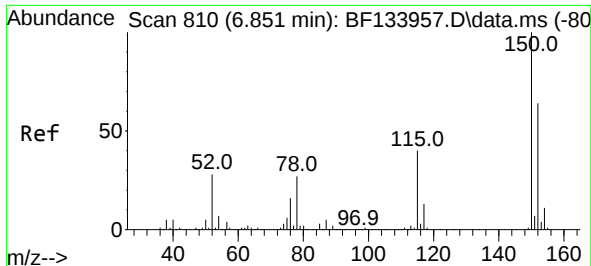
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134293.D
Acq On : 14 Jul 2023 16:31
Operator : CG\JU
Sample : PB154177BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB154177BL

Quant Time: Jul 15 00:46:49 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

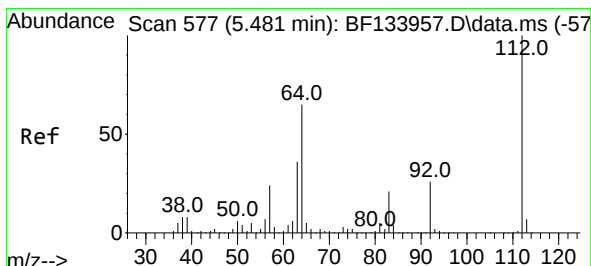
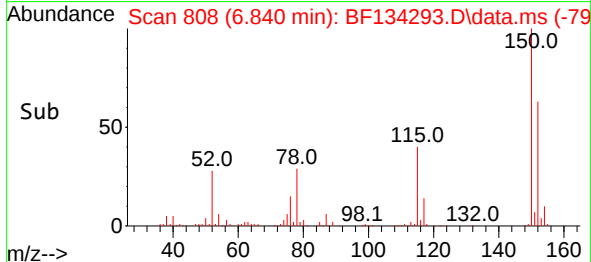
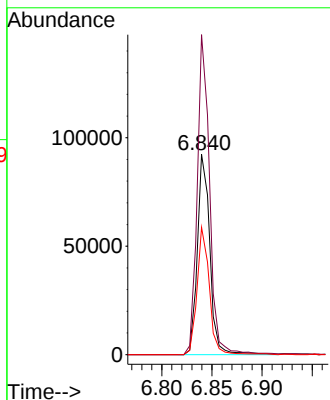
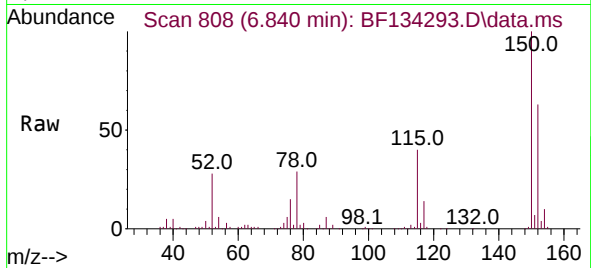




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134293.D
Acq: 14 Jul 2023 16:31

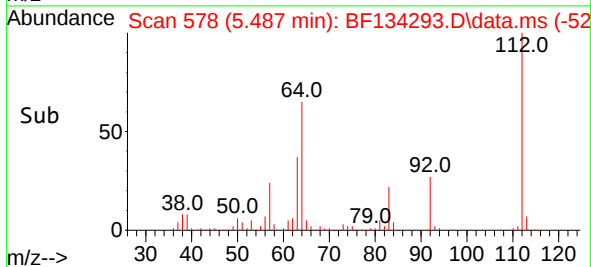
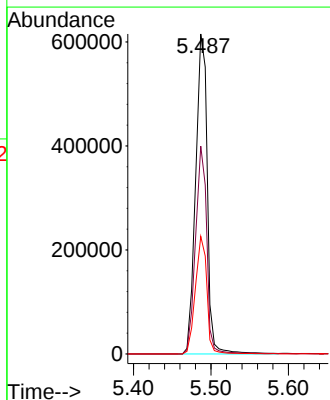
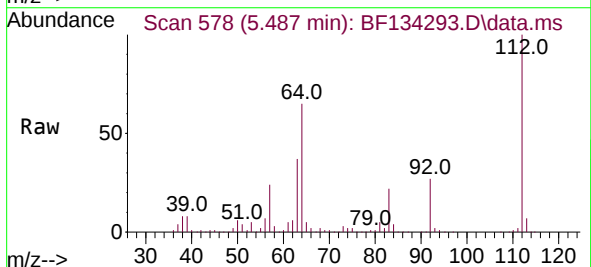
Instrument :
BNA_F
ClientSampleId :
PB154177BL

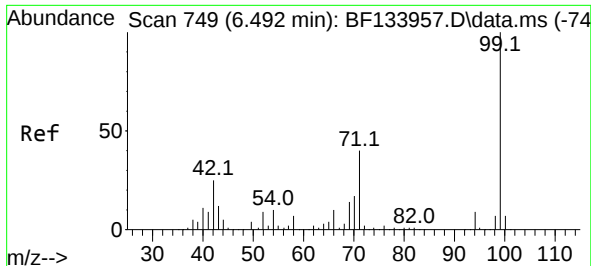
Tgt Ion:152 Resp: 80581
Ion Ratio Lower Upper
152 100
150 159.8 124.5 186.7
115 63.6 50.2 75.2



#5
2-Fluorophenol
Concen: 133.735 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.018 min
Lab File: BF134293.D
Acq: 14 Jul 2023 16:31

Tgt Ion:112 Resp: 644230
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 36.7 28.6 42.8

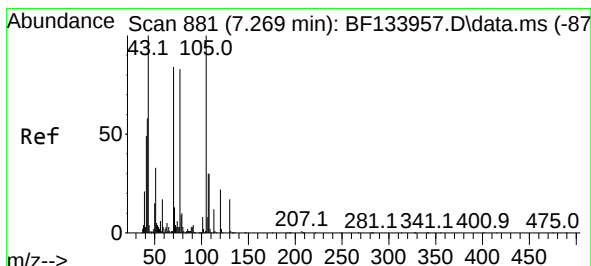
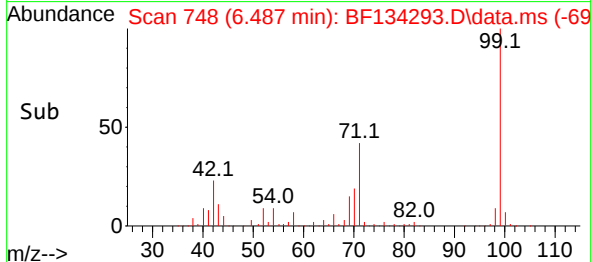
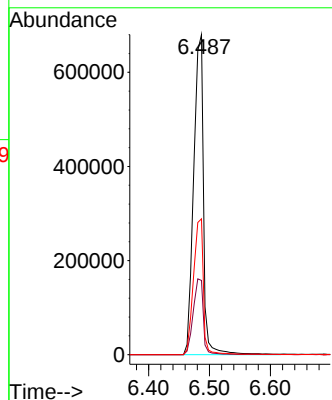
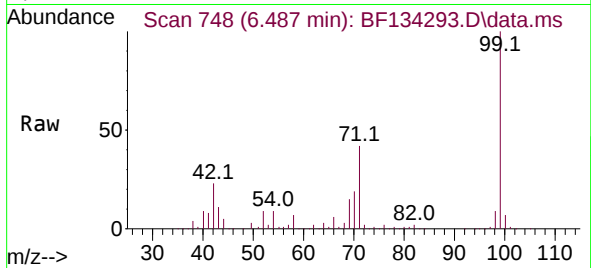




#7
Phenol-d6
Concen: 128.494 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134293.D
Acq: 14 Jul 2023 16:31

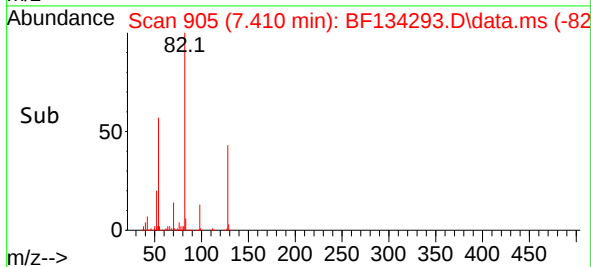
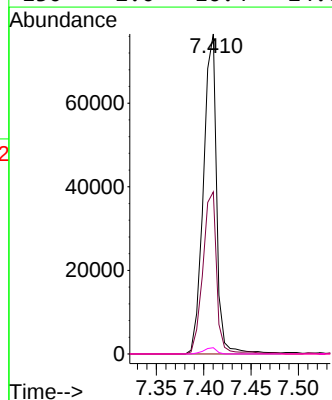
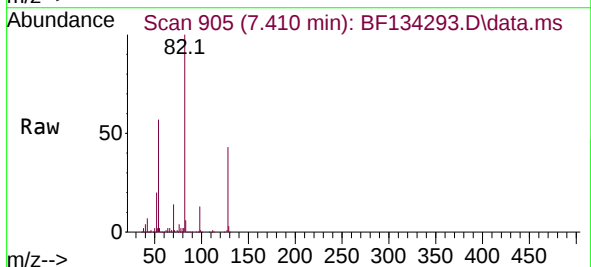
Instrument :
BNA_F
ClientSampleId :
PB154177BL

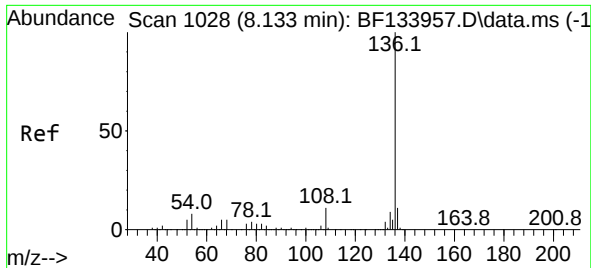
Tgt Ion: 99 Resp: 761226
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.6
71 42.5 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.914 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF134293.D
Acq: 14 Jul 2023 16:31

Tgt Ion: 70 Resp: 74816
Ion Ratio Lower Upper
70 100
42 50.7 54.7 82.1#
101 0.0 7.7 11.5#
130 2.0 16.4 24.6#

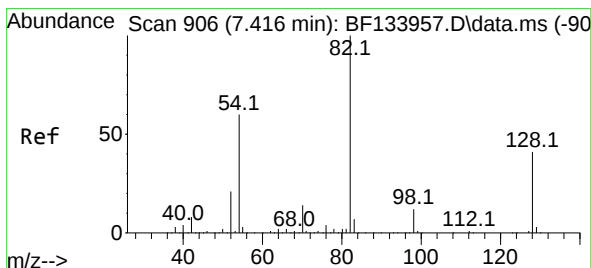
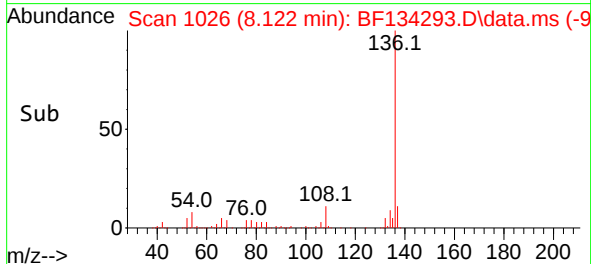
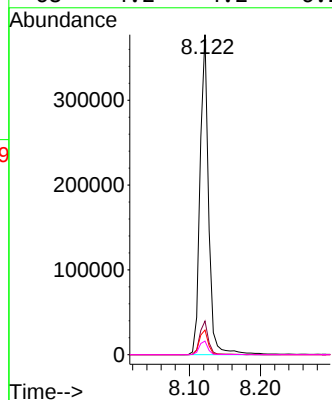
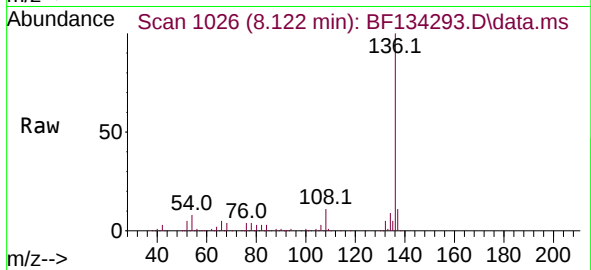




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134293.D
Acq: 14 Jul 2023 16:31

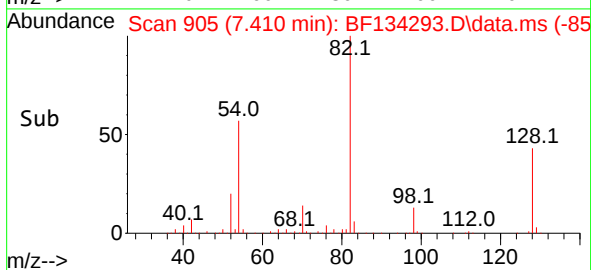
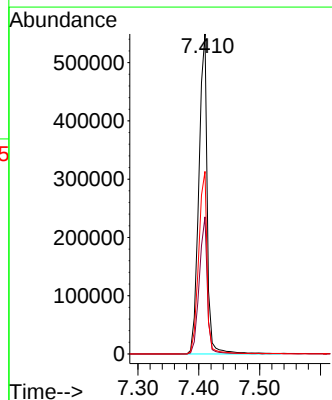
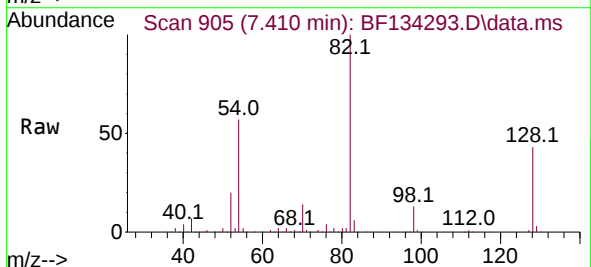
Instrument :
BNA_F
ClientSampleId :
PB154177BL

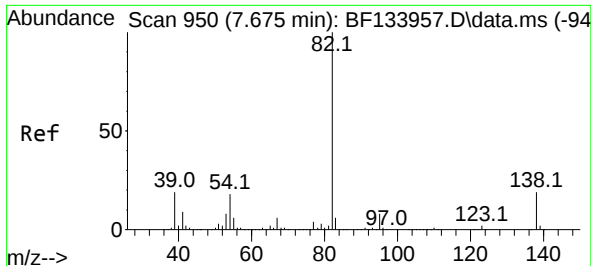
Tgt Ion:136 Resp: 317785
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.7 6.5 9.7
68 4.2 4.2 6.2



#23
Nitrobenzene-d5
Concen: 89.406 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF134293.D
Acq: 14 Jul 2023 16:31

Tgt Ion: 82 Resp: 527069
Ion Ratio Lower Upper
82 100
128 42.9 32.5 48.7
54 57.0 48.2 72.2

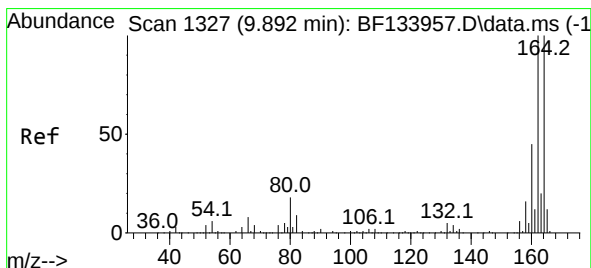
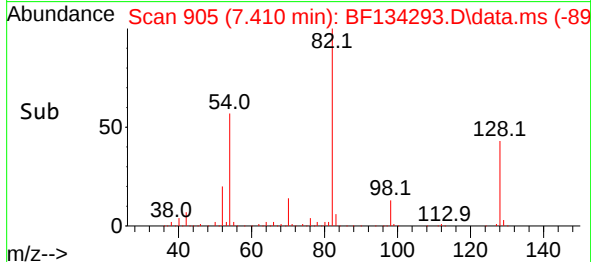
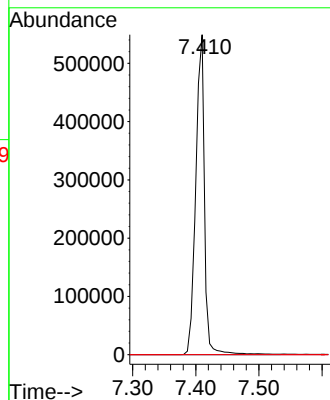
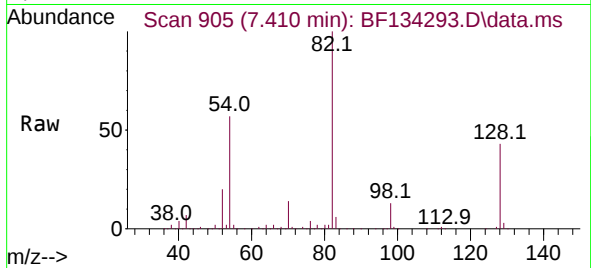




#25
Isophorone
Concen: 49.193 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134293.D
Acq: 14 Jul 2023 16:31

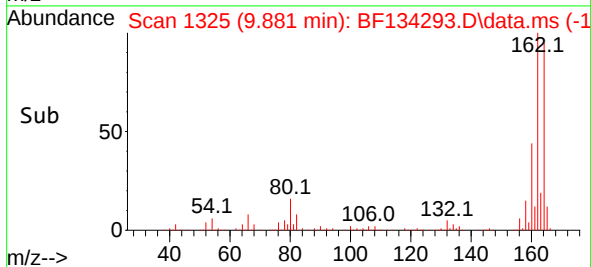
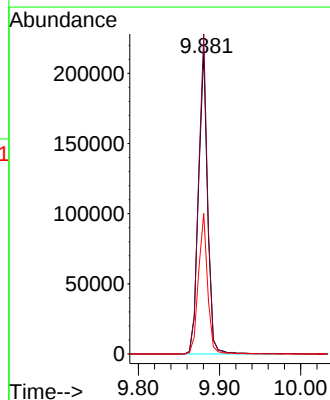
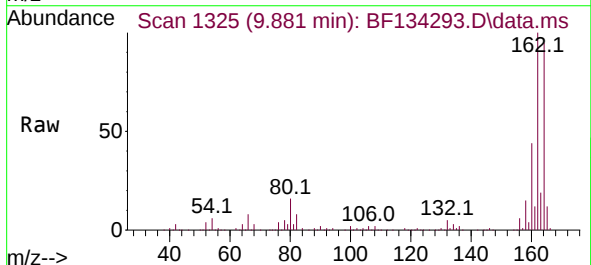
Instrument :
BNA_F
ClientSampleId :
PB154177BL

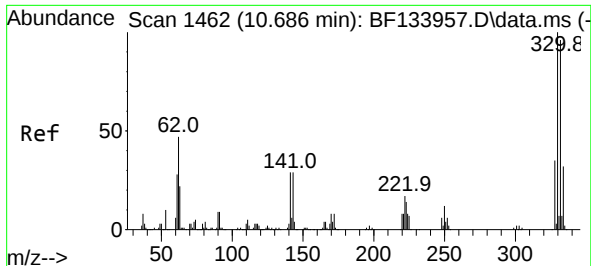
Tgt Ion: 82 Resp: 527065
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF134293.D
Acq: 14 Jul 2023 16:31

Tgt Ion: 164 Resp: 169033
Ion Ratio Lower Upper
164 100
162 105.7 80.0 120.0
160 46.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 145.398 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134293.D

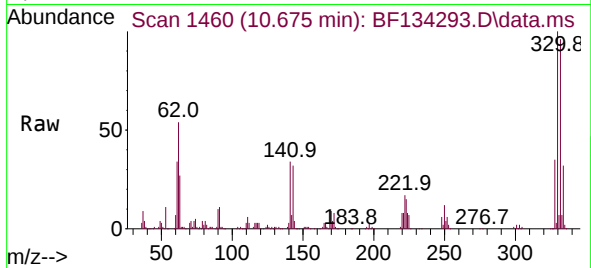
Acq: 14 Jul 2023 16:31

Instrument :

BNA_F

ClientSampleId :

PB154177BL



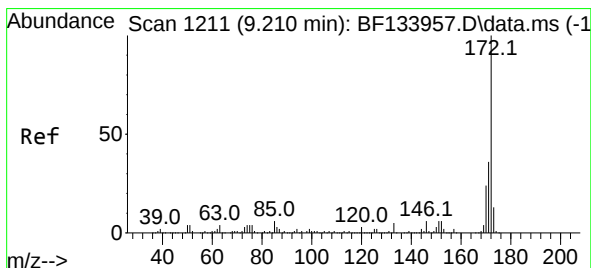
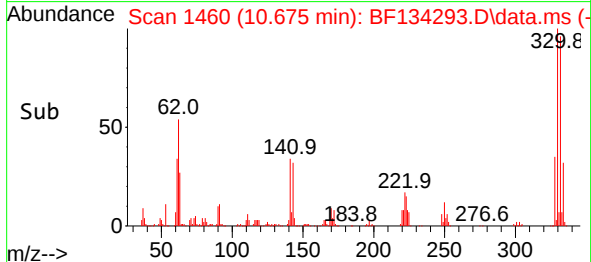
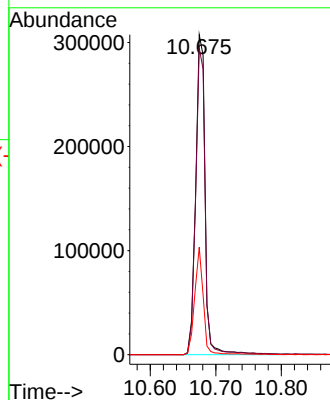
Tgt Ion:330 Resp: 308148

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

141 30.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 89.132 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF134293.D

Acq: 14 Jul 2023 16:31

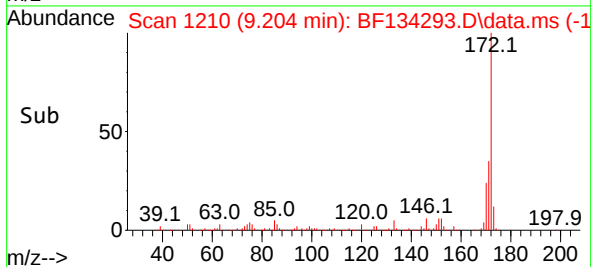
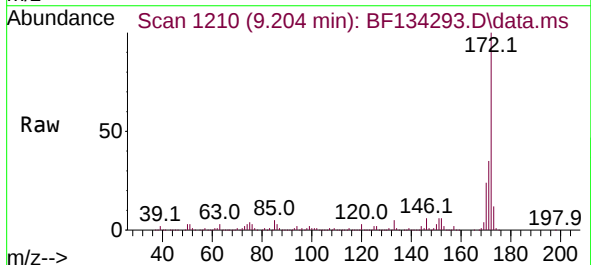
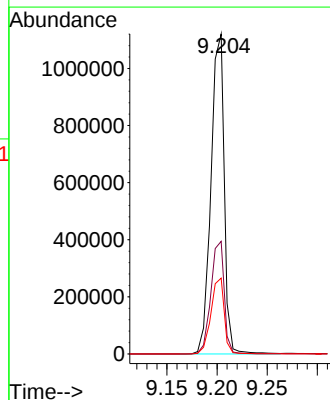
Tgt Ion:172 Resp: 1036264

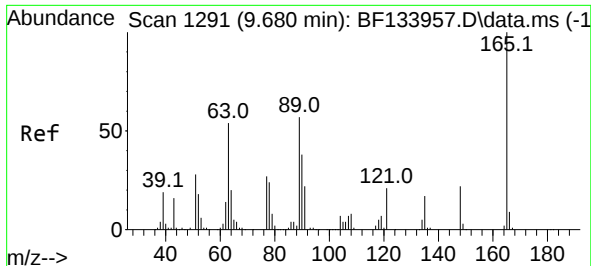
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.7 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.140 ng

RT: 9.881 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134293.D

Acq: 14 Jul 2023 16:31

Instrument :

BNA_F

ClientSampleId :

PB154177BL

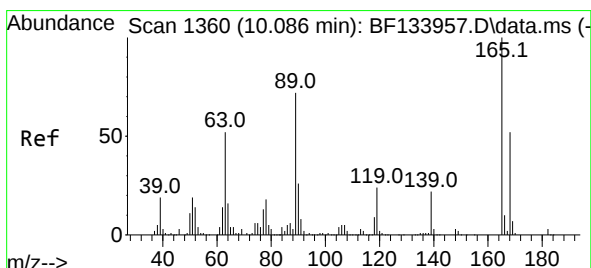
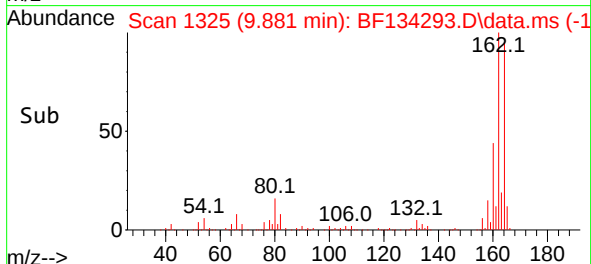
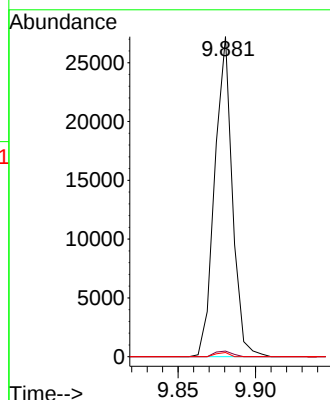
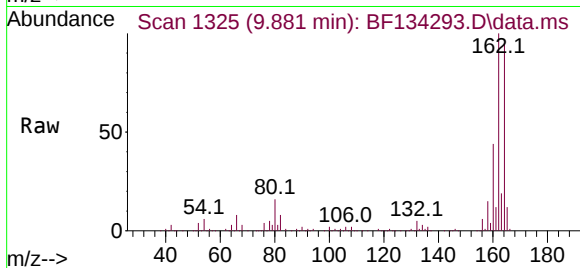
Tgt Ion:165 Resp: 21511

Ion Ratio Lower Upper

165 100

63 1.8 48.5 72.7#

89 1.3 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.163 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.200 min

Lab File: BF134293.D

Acq: 14 Jul 2023 16:31

Tgt Ion:165 Resp: 21511

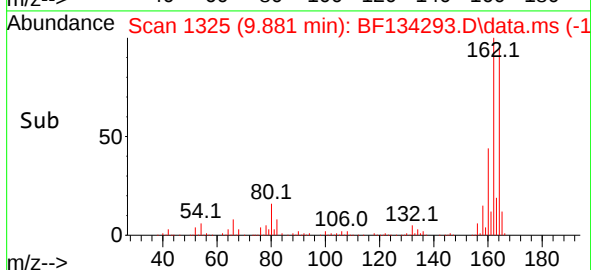
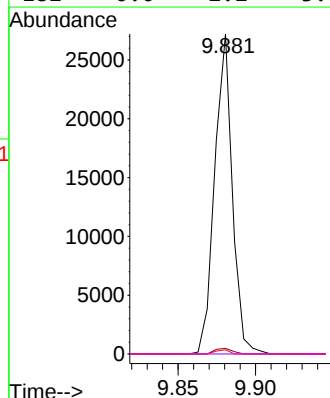
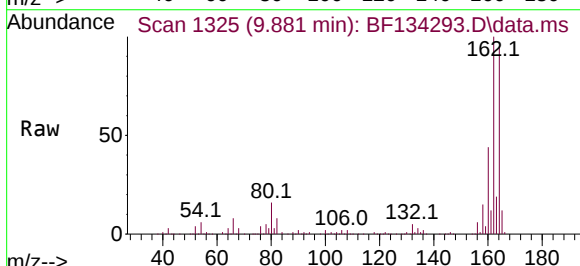
Ion Ratio Lower Upper

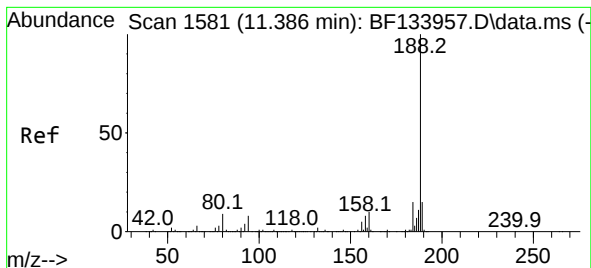
165 100

63 1.8 42.2 63.2#

89 1.3 57.4 86.2#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134293.D

Acq: 14 Jul 2023 16:31

Instrument :

BNA_F

ClientSampleId :

PB154177BL

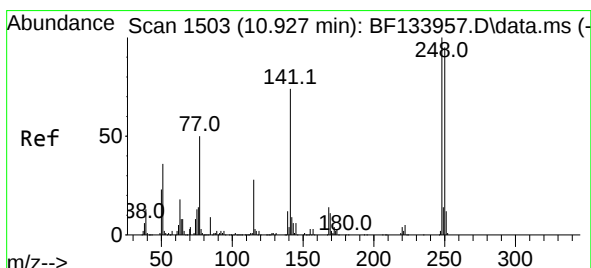
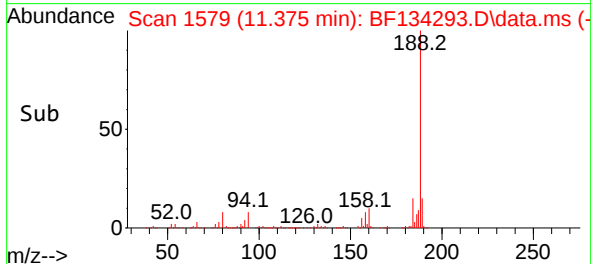
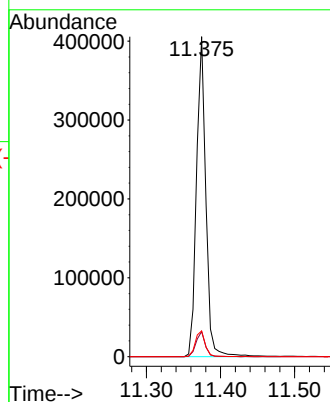
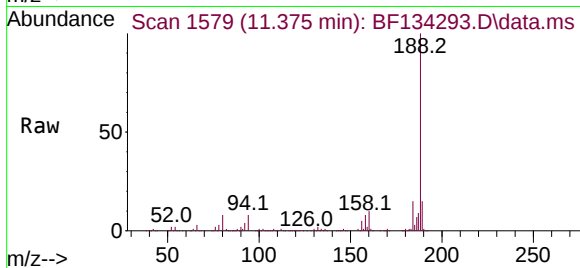
Tgt Ion:188 Resp: 355001

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.0 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.856 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.241 min

Lab File: BF134293.D

Acq: 14 Jul 2023 16:31

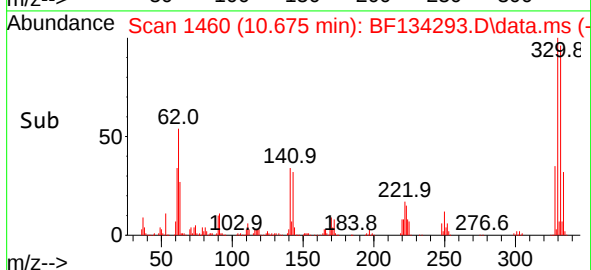
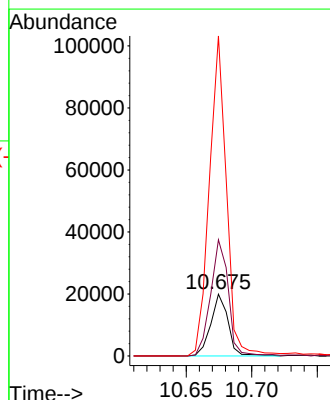
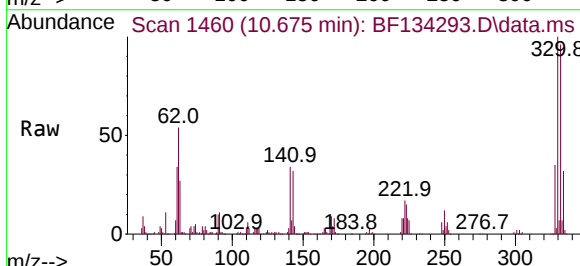
Tgt Ion:248 Resp: 18322

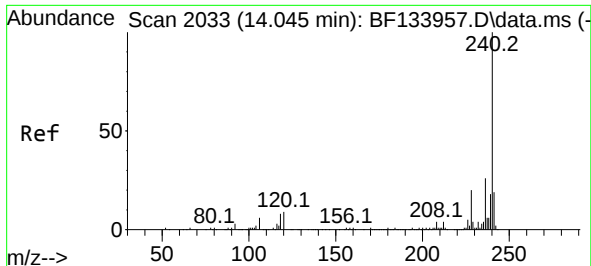
Ion Ratio Lower Upper

248 100

250 188.0 76.2 114.4#

141 517.6 59.0 88.4#

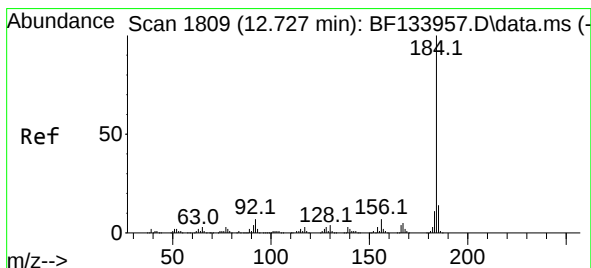
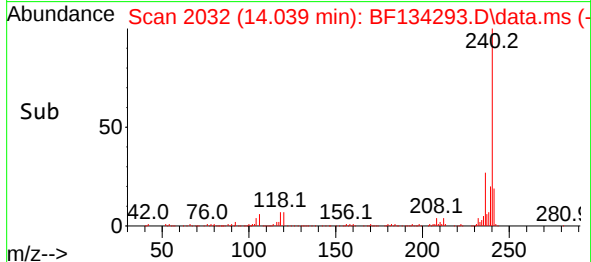
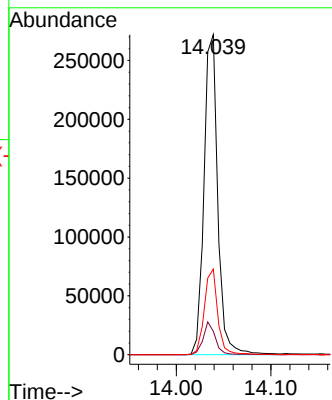
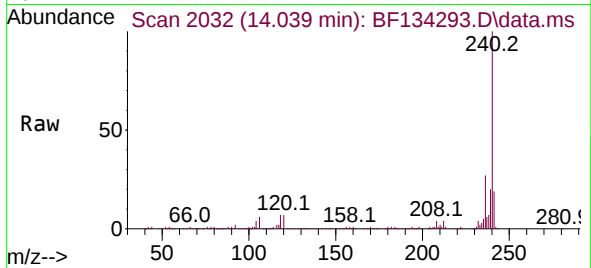




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134293.D
Acq: 14 Jul 2023 16:31

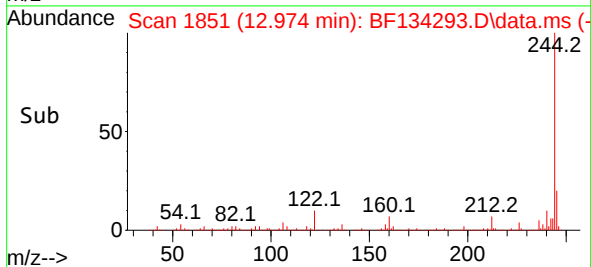
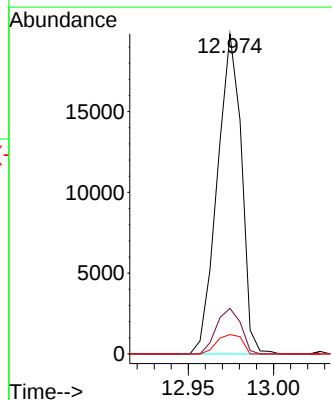
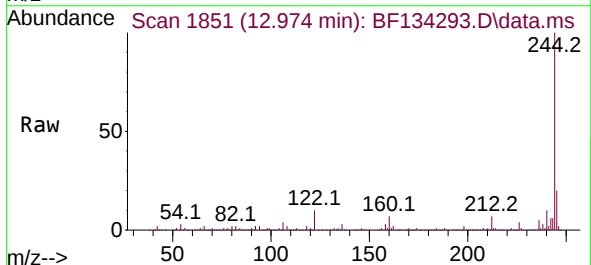
Instrument :
BNA_F
ClientSampleId :
PB154177BL

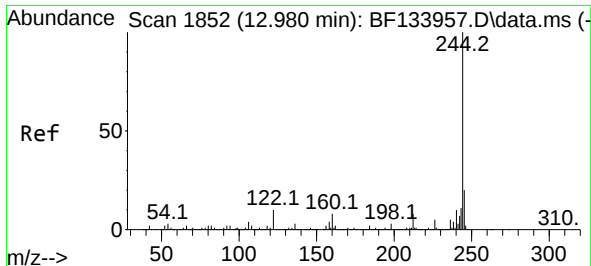
Tgt Ion:240 Resp: 275758
Ion Ratio Lower Upper
240 100
120 7.3 7.4 11.0#
236 26.7 21.0 31.6



#77
Benzidine
Concen: 2.973 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134293.D
Acq: 14 Jul 2023 16:31

Tgt Ion:184 Resp: 19510
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 6.0 8.8 13.2#

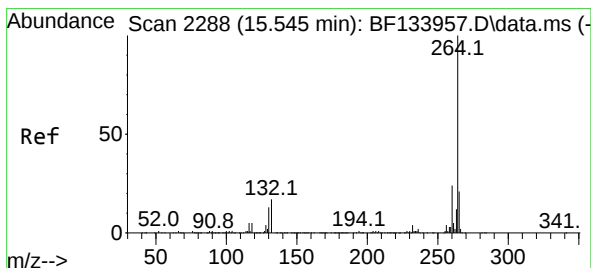
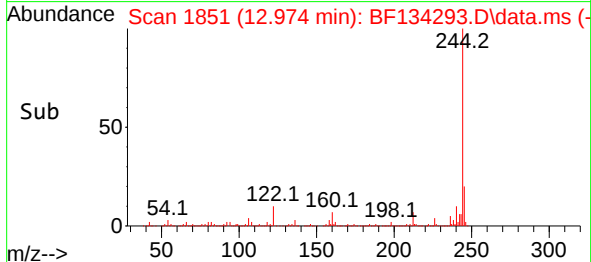
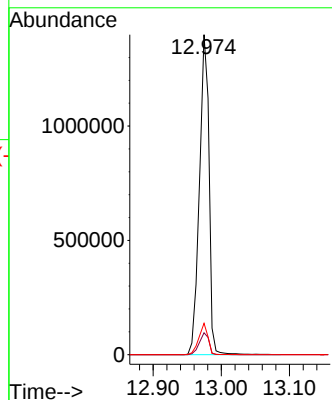
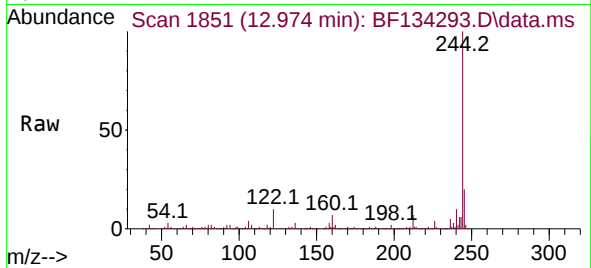




#79
 Terphenyl-d14
 Concen: 80.111 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134293.D
 Acq: 14 Jul 2023 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB154177BL

Tgt Ion:244 Resp: 1372627
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134293.D
 Acq: 14 Jul 2023 16:31

Tgt Ion:264 Resp: 262553
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 20.4 16.6 25.0

