

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133967.D
 Acq On : 26 Jun 2023 23:16
 Operator : CG\JU
 Sample : 03365-33
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Jun 26 23:44:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

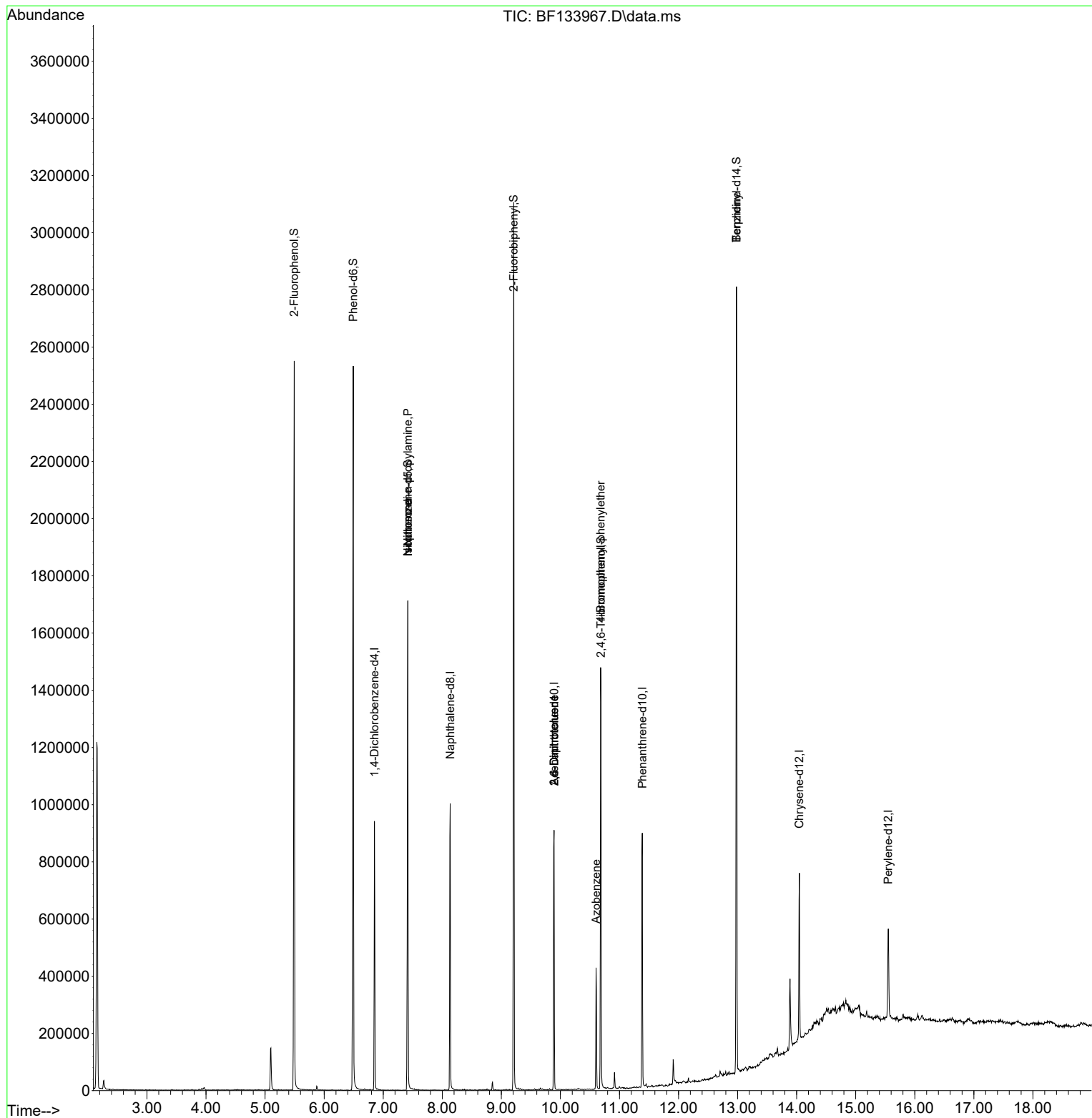
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	124298	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	431089	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	179848	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	335811	20.000	ng	0.00
76) Chrysene-d12	14.045	240	197161	20.000	ng	0.00
86) Perylene-d12	15.551	264	154486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	635120	85.473	ng	0.01
7) Phenol-d6	6.493	99	771974	84.477	ng	0.00
23) Nitrobenzene-d5	7.416	82	487665	60.980	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	180286	79.952	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	854377	69.068	ng	0.00
79) Terphenyl-d14	12.980	244	938901	76.642	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.416	77	58	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	68070	11.746	ng	# 77
25) Isophorone	7.416	82	487660	33.553	ng	# 64
51) 2,6-Dinitrotoluene	9.892	165	22839	8.122	ng	# 23
57) 2,4-Dinitrotoluene	9.892	165	22839	6.150	ng	# 22
63) Azobenzene	10.604	77	71594	5.565	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	11228	3.146	ng	# 1
77) Benzidine	12.980	184	14276	3.043	ng	# 89

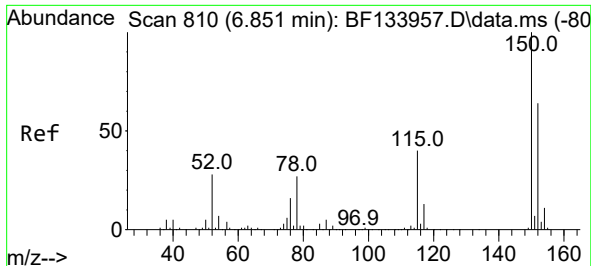
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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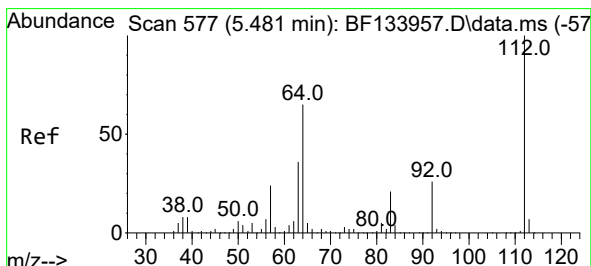
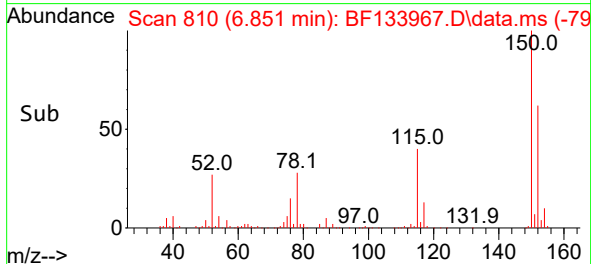
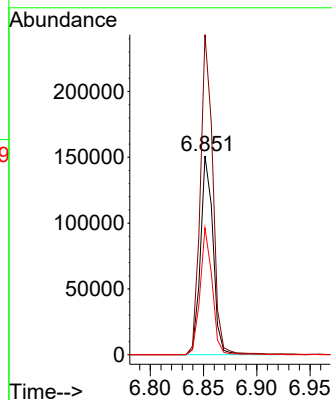
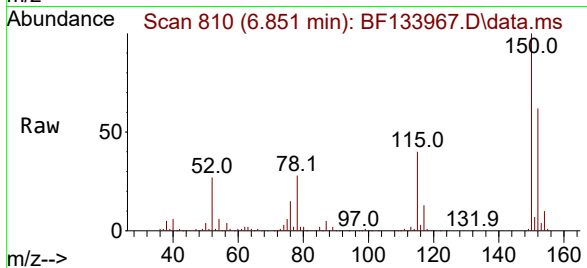




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

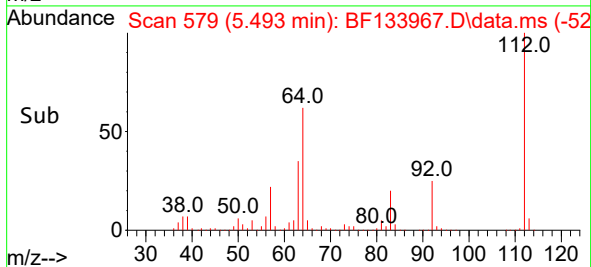
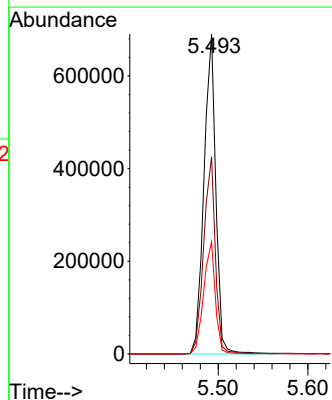
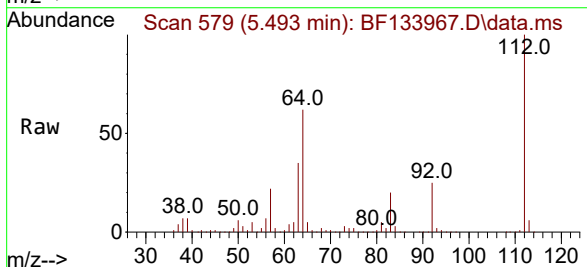
Instrument :
BNA_F
ClientSampleId :
TP3

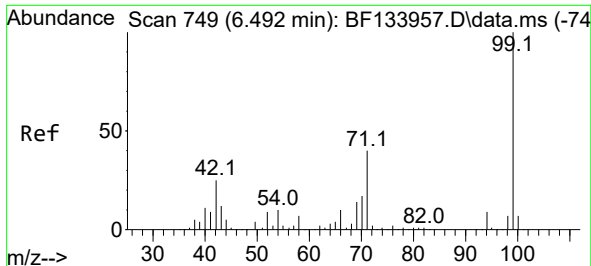
Tgt Ion:152 Resp: 124298
Ion Ratio Lower Upper
152 100
150 161.0 124.5 186.7
115 63.9 50.2 75.2



#5
2-Fluorophenol
Concen: 85.473 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

Tgt Ion:112 Resp: 635120
Ion Ratio Lower Upper
112 100
64 61.6 52.1 78.1
63 35.1 28.6 42.8

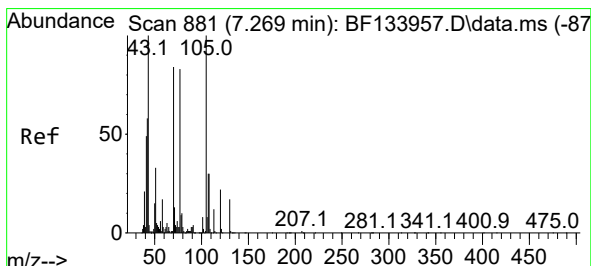
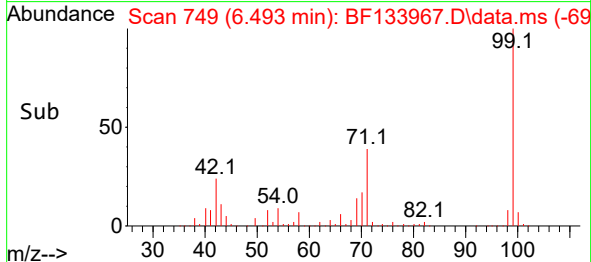
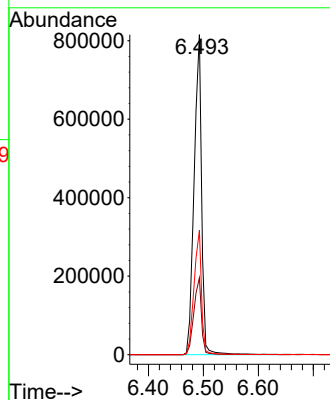
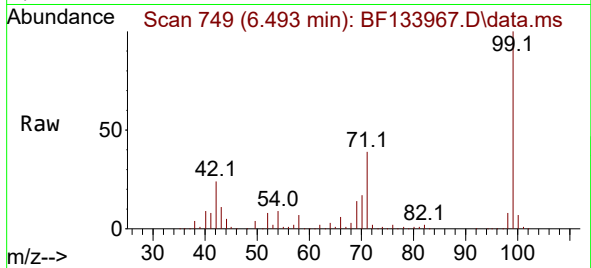




#7
Phenol-d6
Concen: 84.477 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

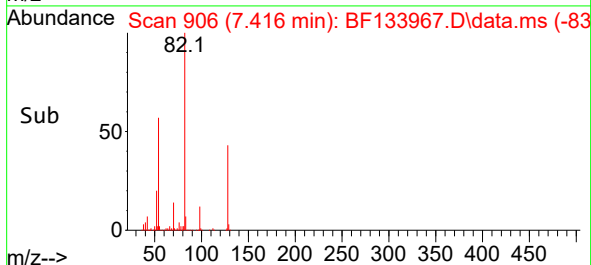
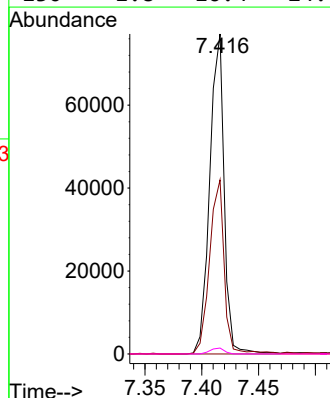
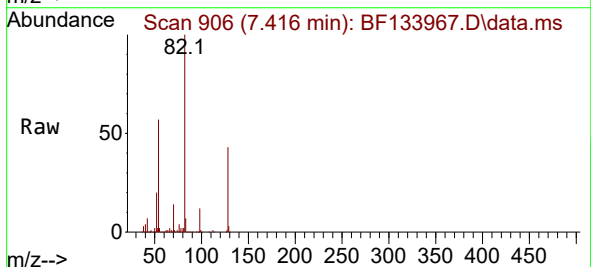
Instrument :
BNA_F
ClientSampleId :
TP3

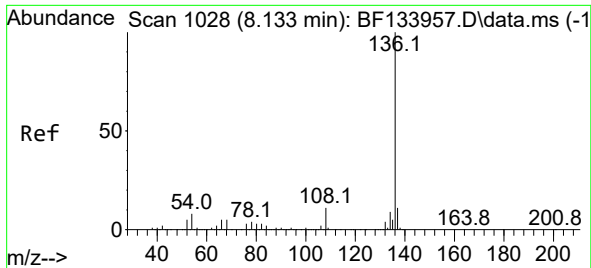
Tgt Ion: 99 Resp: 771974
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 38.9 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.746 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

Tgt Ion: 70 Resp: 68070
Ion Ratio Lower Upper
70 100
42 54.4 54.7 82.1#
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#



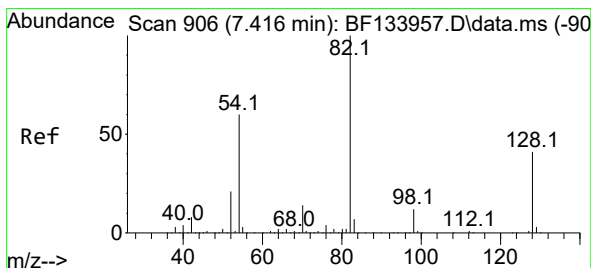
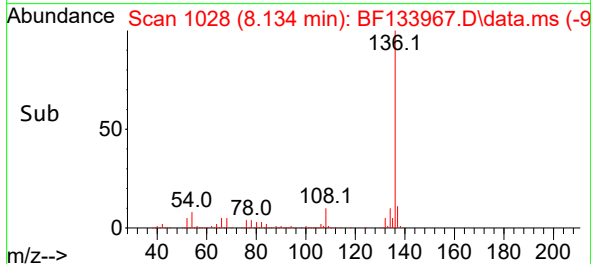
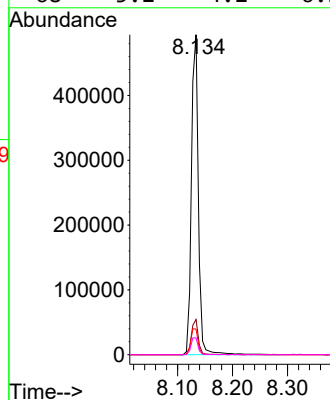
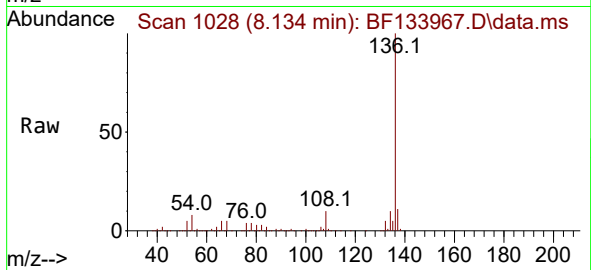


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion:136 Resp: 431089

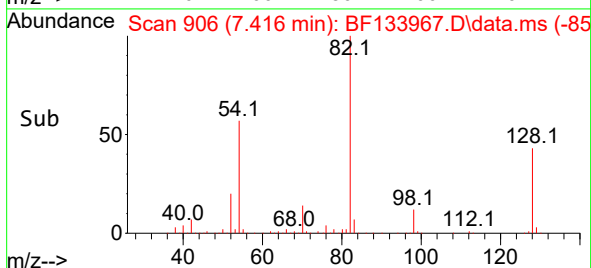
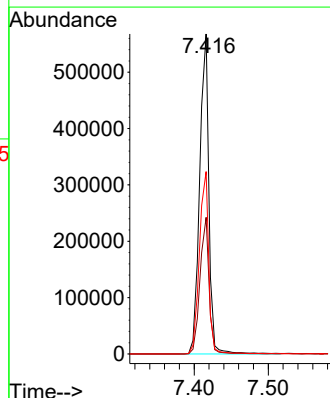
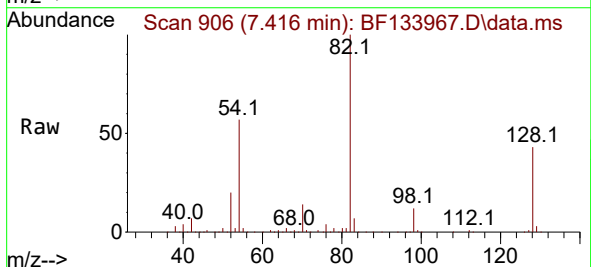
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.0	6.5	9.7
68	5.2	4.2	6.2



#23
Nitrobenzene-d5
Concen: 60.980 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

Tgt Ion: 82 Resp: 487665

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.5	48.7
54	57.0	48.2	72.2

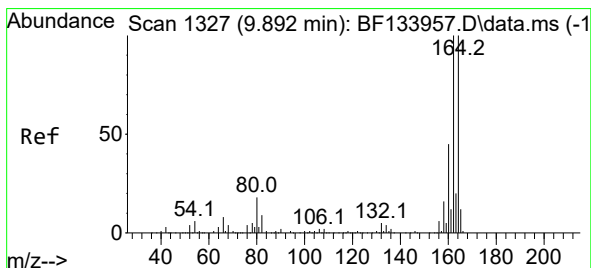
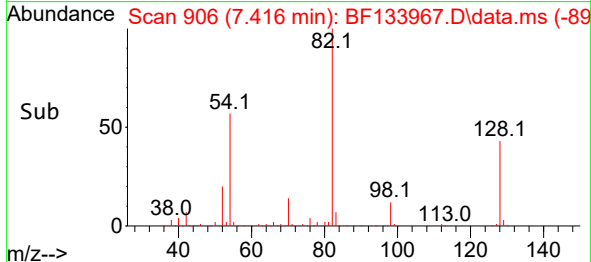
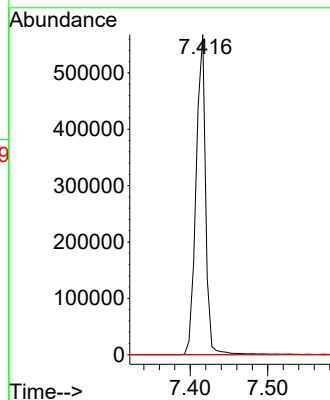
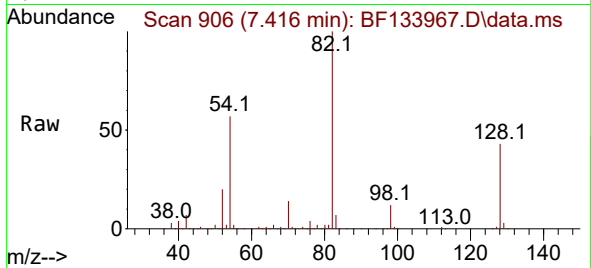




#25
Isophorone
Concen: 33.553 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.259 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

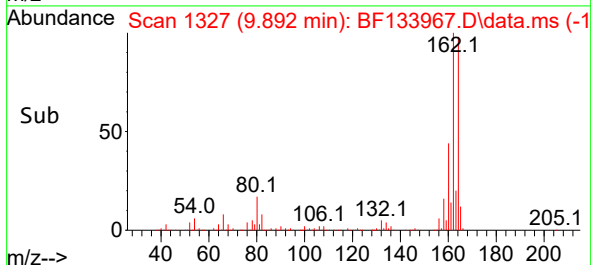
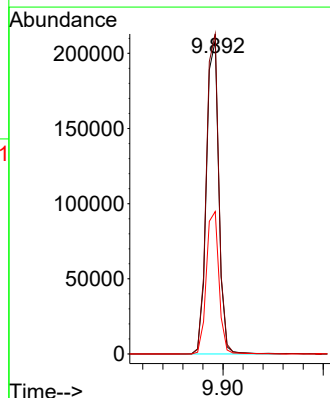
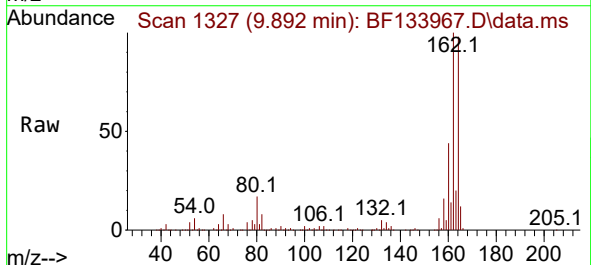
Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion: 82 Resp: 487660
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: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

Tgt Ion:164 Resp: 179848
Ion Ratio Lower Upper
164 100
162 102.1 80.0 120.0
160 45.4 35.9 53.9

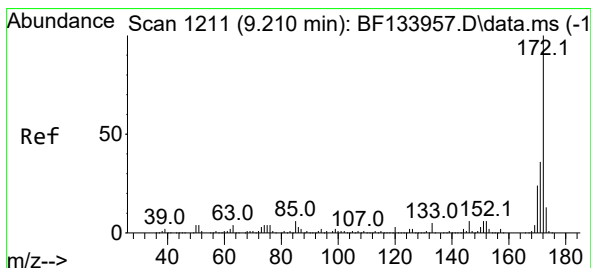
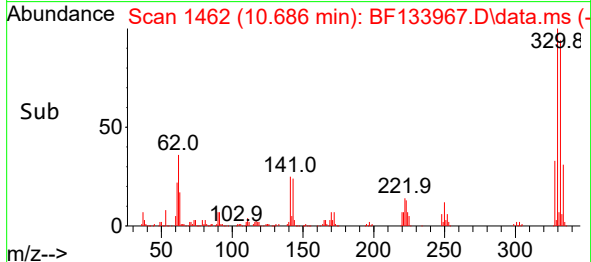
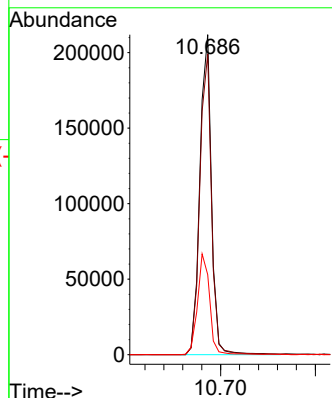
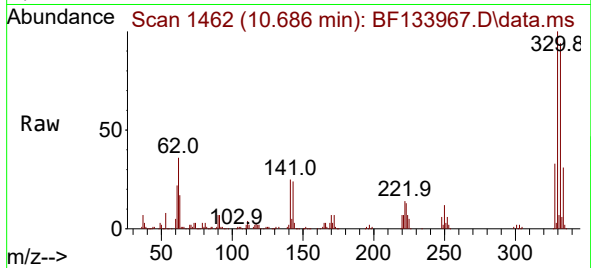




#42
2,4,6-Tribromophenol
Concen: 79.952 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

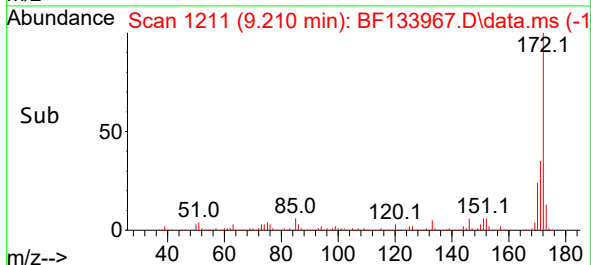
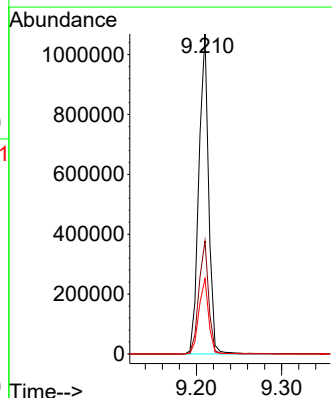
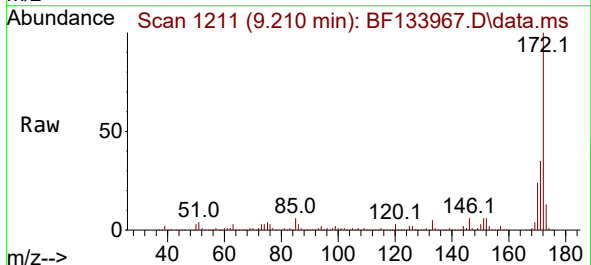
Instrument :
BNA_F
ClientSampleId :
TP3

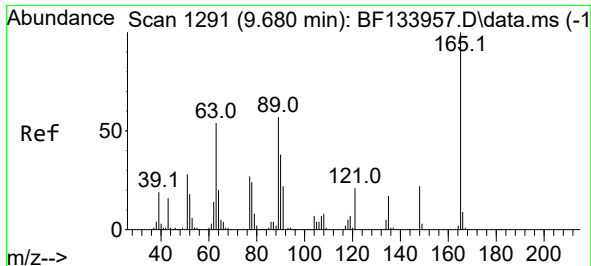
Tgt Ion:330 Resp: 180286
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 32.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 69.068 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

Tgt Ion:172 Resp: 854377
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.6 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.122 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.212 min

Lab File: BF133967.D

Acq: 26 Jun 2023 23:16

Instrument :

BNA_F

ClientSampleId :

TP3

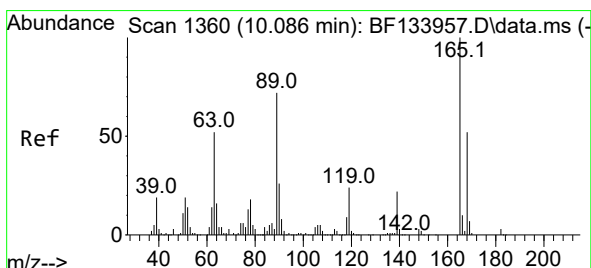
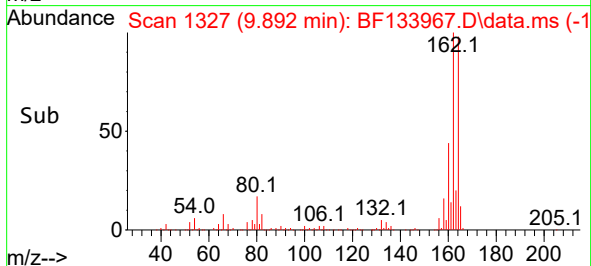
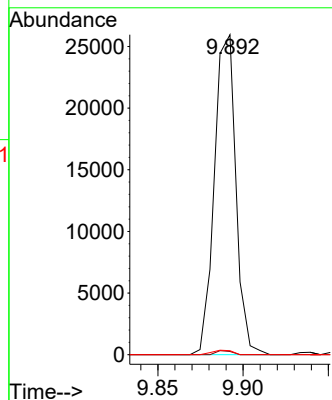
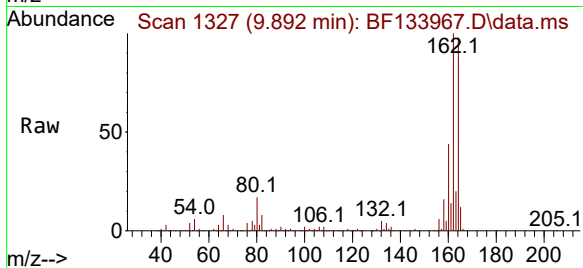
Tgt Ion:165 Resp: 22839

Ion Ratio Lower Upper

165 100

63 1.0 48.5 72.7#

89 1.2 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.150 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.194 min

Lab File: BF133967.D

Acq: 26 Jun 2023 23:16

Tgt Ion:165 Resp: 22839

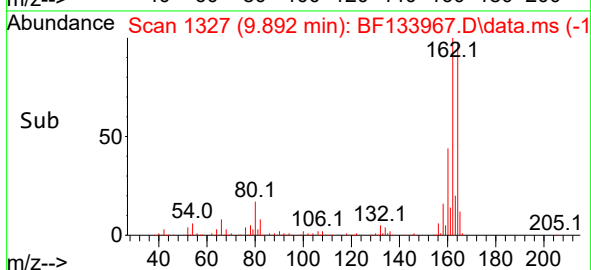
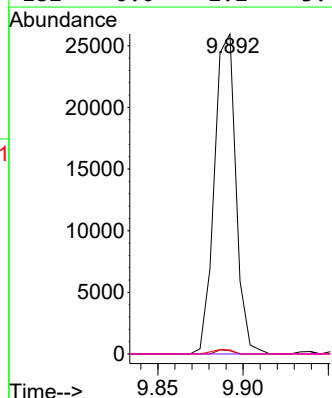
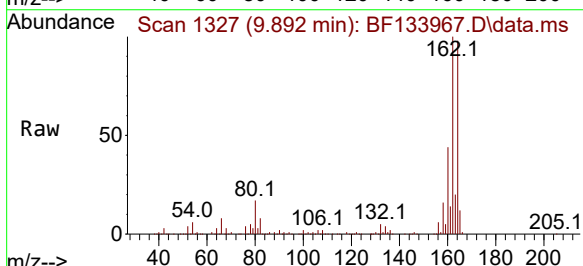
Ion Ratio Lower Upper

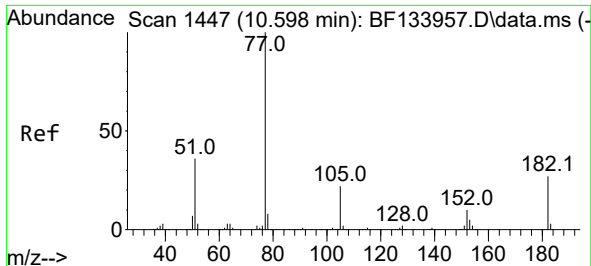
165 100

63 1.0 42.2 63.2#

89 1.2 57.4 86.2#

182 0.0 2.2 3.4#

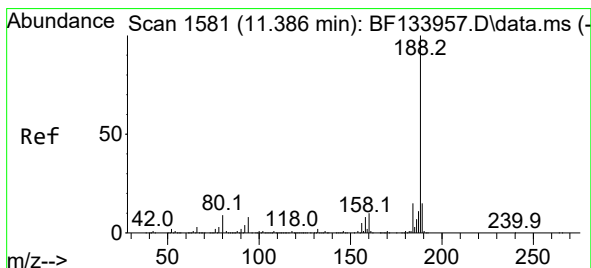
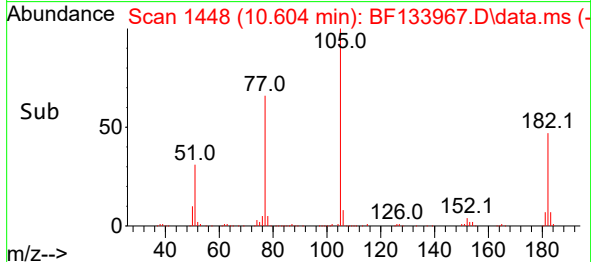
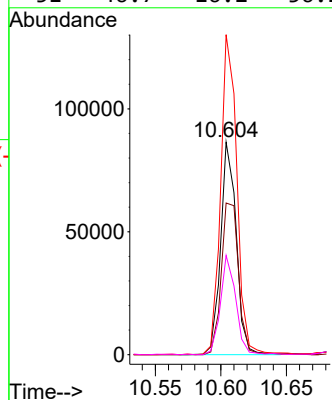
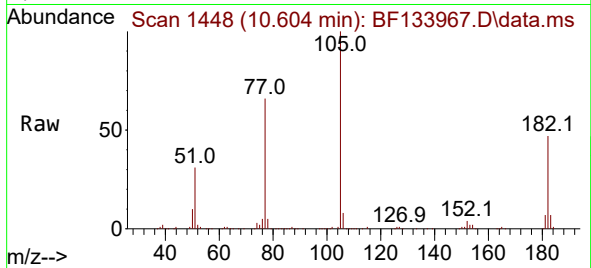




#63
Azobenzene
Concen: 5.565 ng
RT: 10.604 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

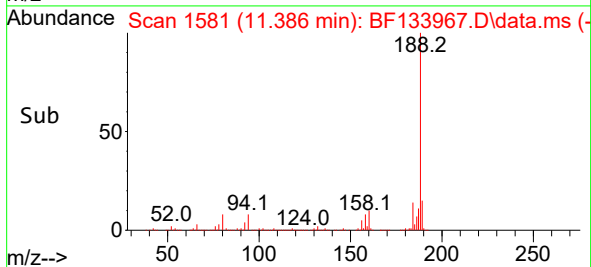
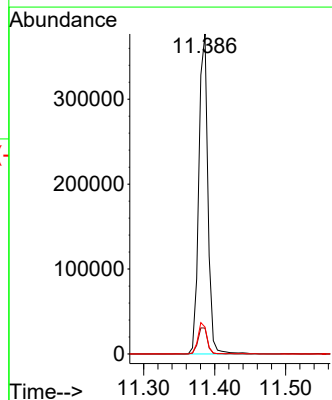
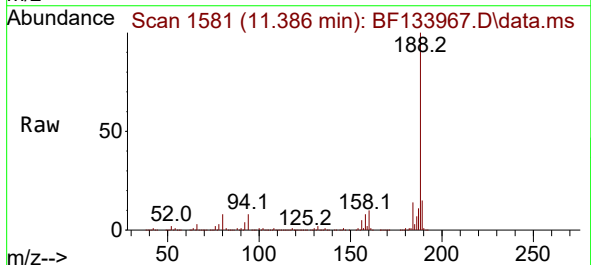
Instrument :
BNA_F
ClientSampleId :
TP3

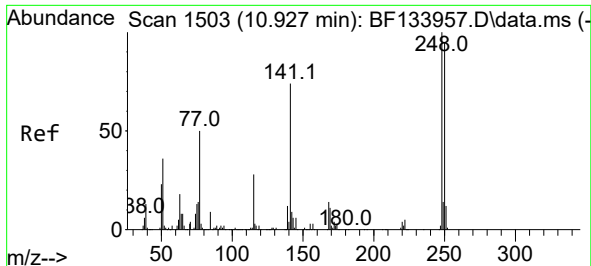
Tgt Ion: 77 Resp: 71594
Ion Ratio Lower Upper
77 100
182 71.4 6.8 46.8#
105 150.6 2.3 42.3#
51 46.7 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

Tgt Ion: 188 Resp: 335811
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.4 7.3 10.9

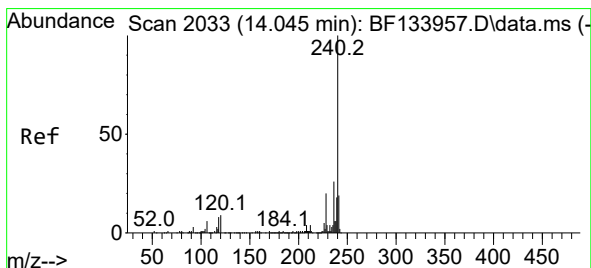
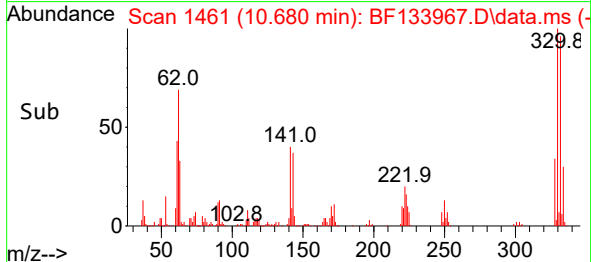
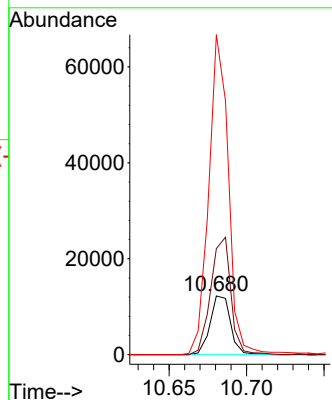
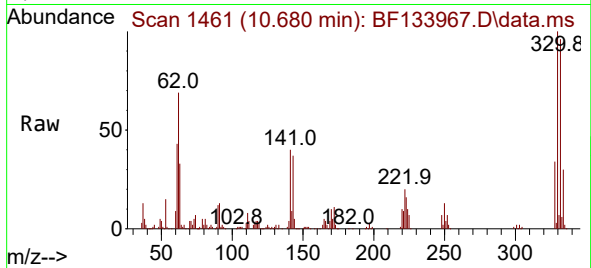




#67
4-Bromophenyl-phenylether
Concen: 3.146 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

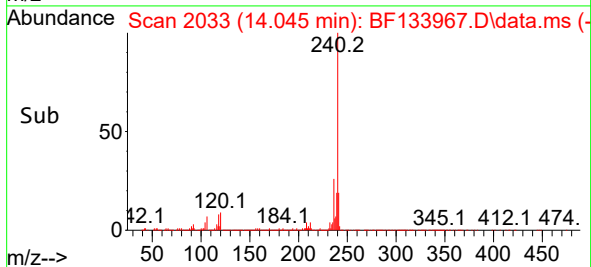
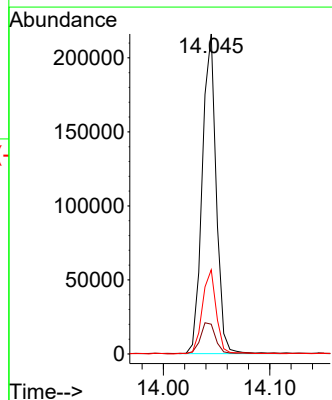
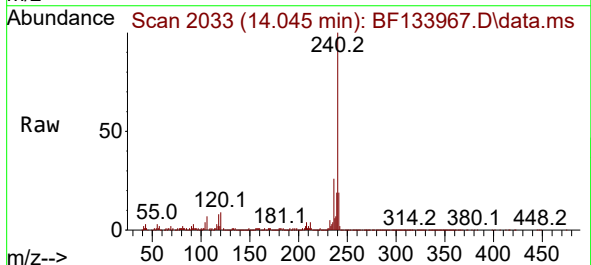
Instrument :
BNA_F
ClientSampleId :
TP3

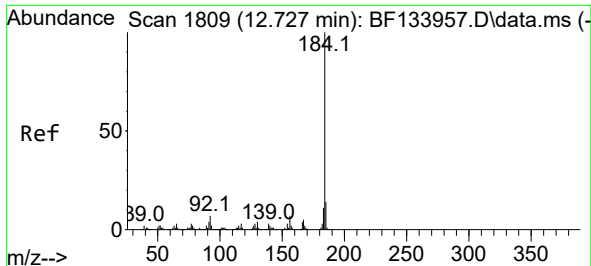
Tgt Ion:248 Resp: 11228
Ion Ratio Lower Upper
248 100
250 180.6 76.2 114.4#
141 544.7 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

Tgt Ion:240 Resp: 197161
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 26.3 21.0 31.6

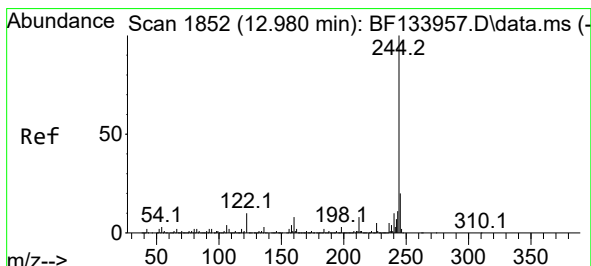
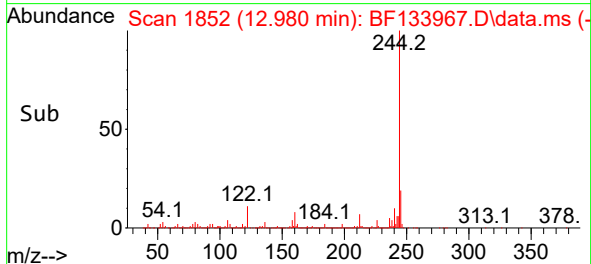
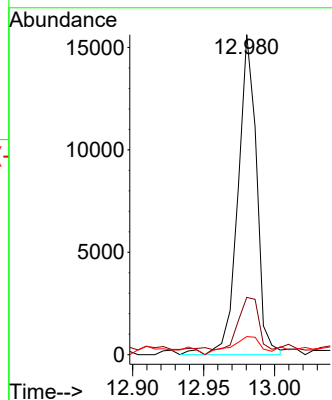
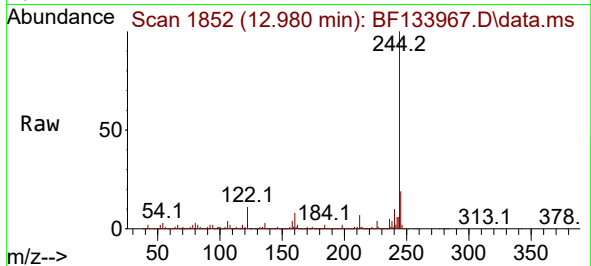




#77
Benzidine
Concen: 3.043 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

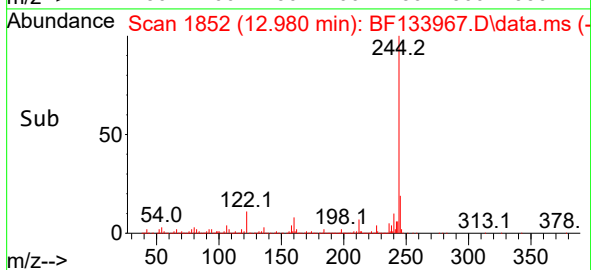
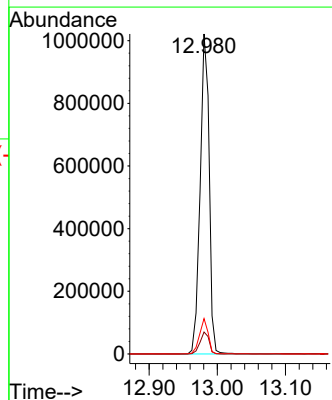
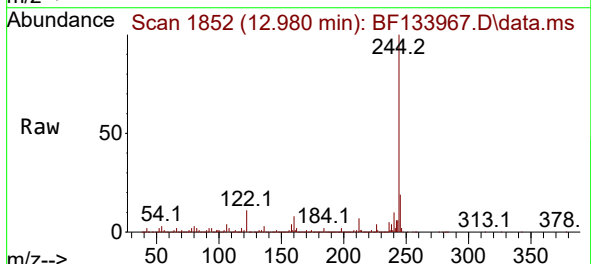
Instrument :
BNA_F
ClientSampleId :
TP3

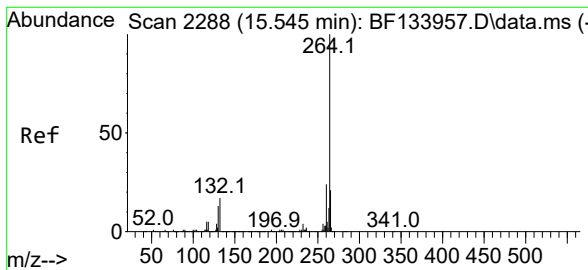
Tgt Ion:184 Resp: 14276
Ion Ratio Lower Upper
184 100
185 17.9 11.6 17.4#
183 5.6 8.8 13.2#



#79
Terphenyl-d14
Concen: 76.642 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

Tgt Ion:244 Resp: 938901
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 11.1 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion:	264	Resp:	154486
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.9	16.6	25.0

