

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133973.D
 Acq On : 27 Jun 2023 04:44
 Operator : CG\JU
 Sample : 03365-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Jun 27 06:03:51 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)

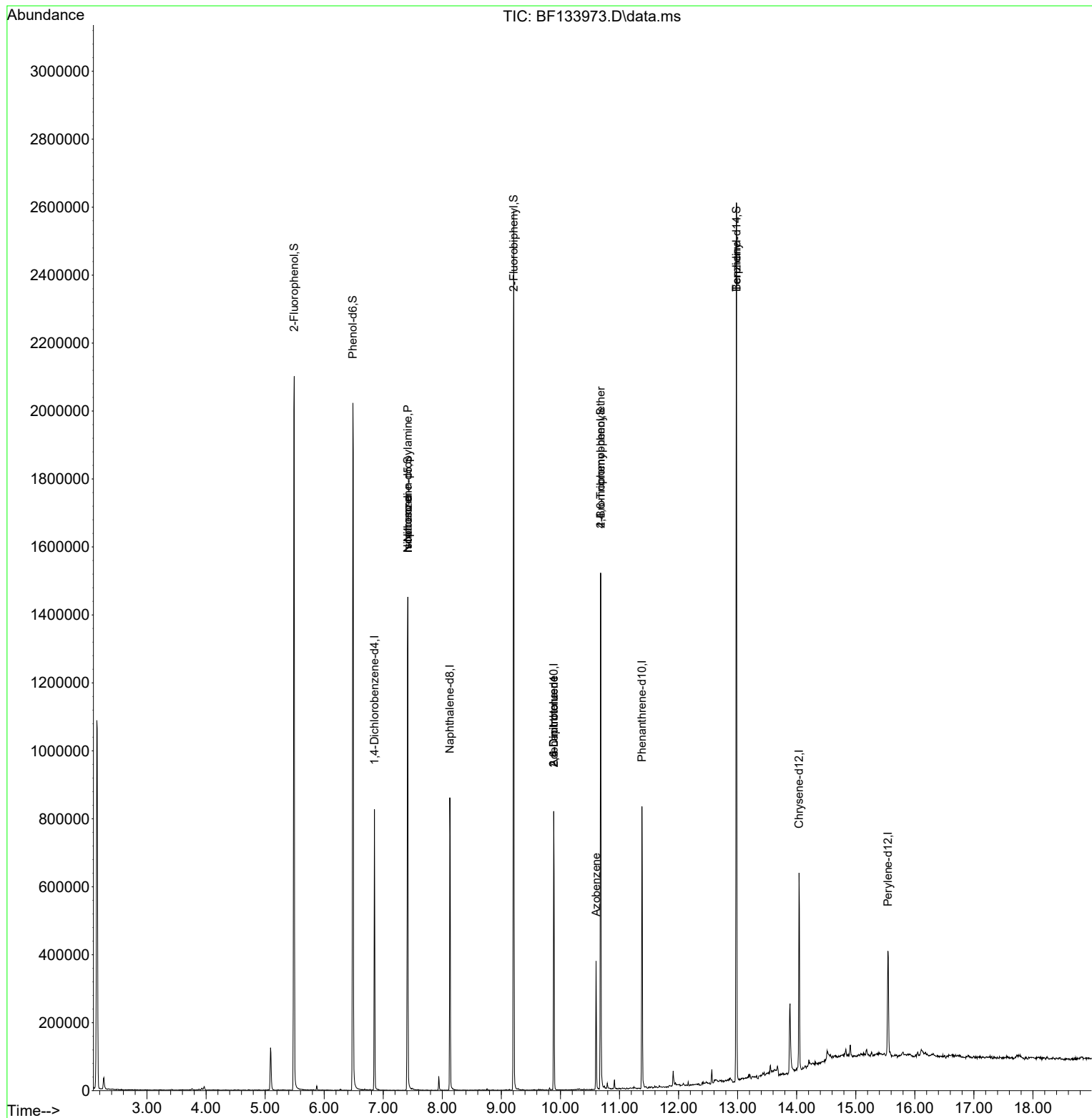
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	107488	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	367593	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	154321	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	301992	20.000	ng	0.00
76) Chrysene-d12	14.039	240	195525	20.000	ng	0.00
86) Perylene-d12	15.545	264	156138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	560245	87.187	ng	0.01
7) Phenol-d6	6.486	99	669518	84.723	ng	0.00
23) Nitrobenzene-d5	7.416	82	438629	64.322	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	168493	87.082	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	745210	70.208	ng	0.00
79) Terphenyl-d14	12.980	244	845891	69.628	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	1269	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	61301	12.232	ng	# 75
25) Isophorone	7.416	82	438625	35.392	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	19876	8.238	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	19876	6.238	ng	# 22
63) Azobenzene	10.604	77	57568	5.215	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	10095	3.145	ng	# 1
77) Benzidine	12.980	184	12005	2.580	ng	# 88

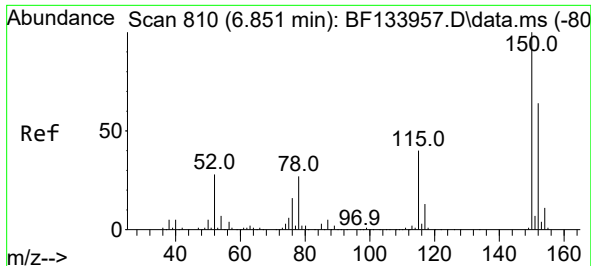
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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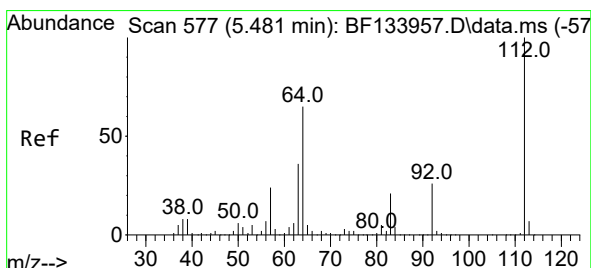
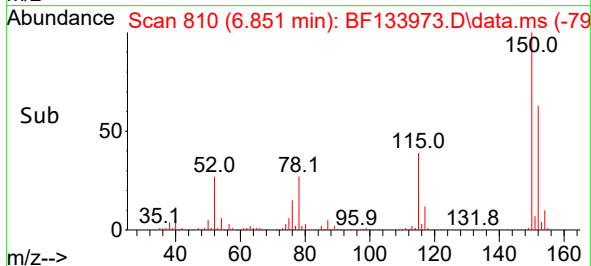
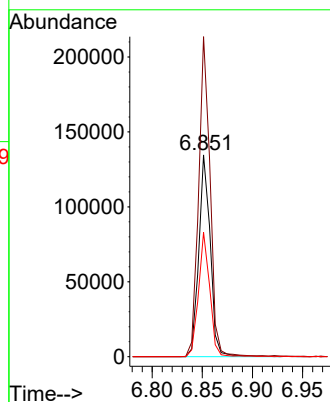
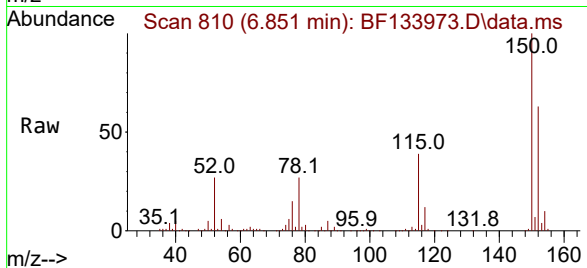




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

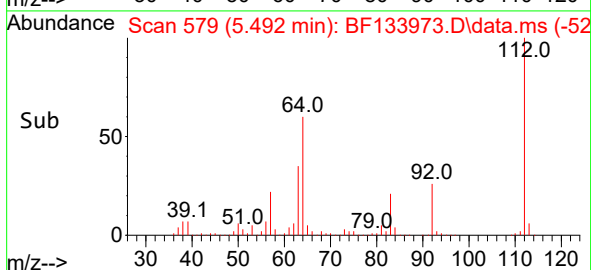
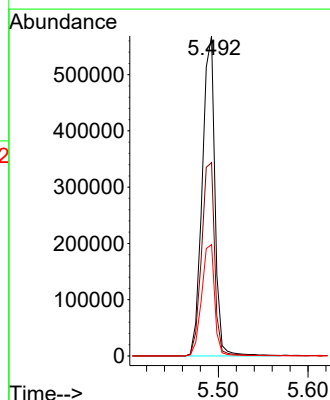
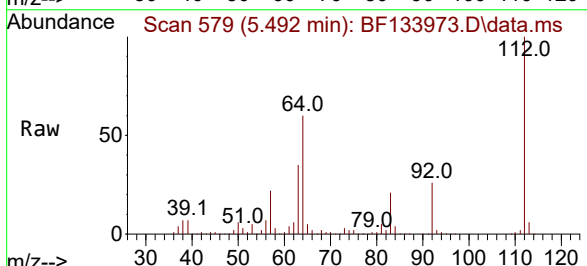
Instrument :
BNA_F
ClientSampleId :
TP2

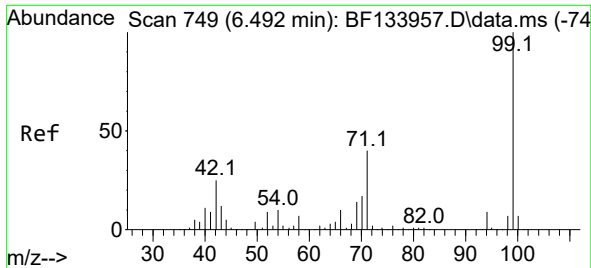
Tgt Ion:152 Resp: 107488
Ion Ratio Lower Upper
152 100
150 158.6 124.5 186.7
115 61.6 50.2 75.2



#5
2-Fluorophenol
Concen: 87.187 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

Tgt Ion:112 Resp: 560245
Ion Ratio Lower Upper
112 100
64 60.4 52.1 78.1
63 34.8 28.6 42.8

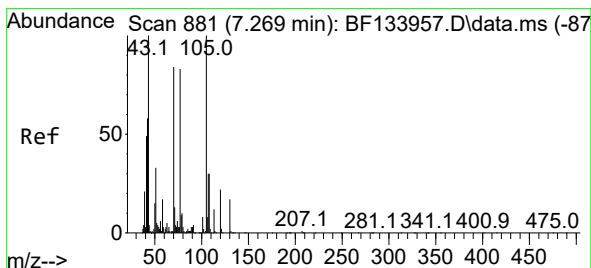
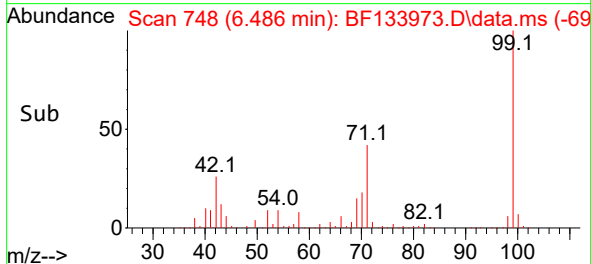
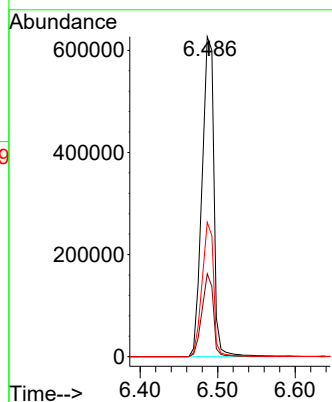
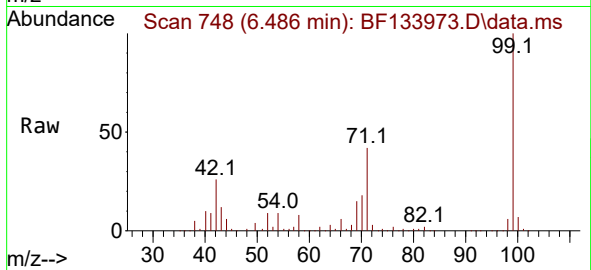




#7
Phenol-d6
Concen: 84.723 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

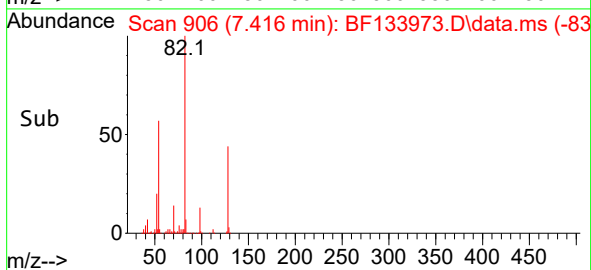
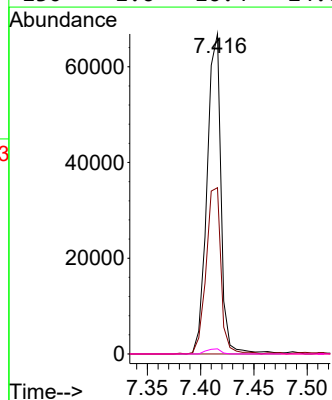
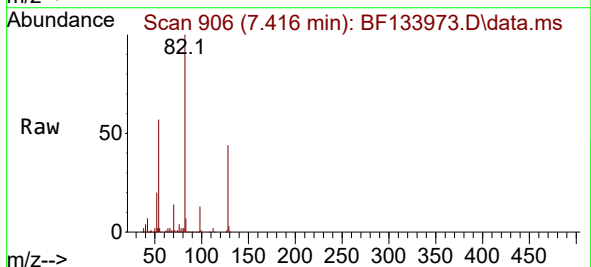
Instrument :
BNA_F
ClientSampleId :
TP2

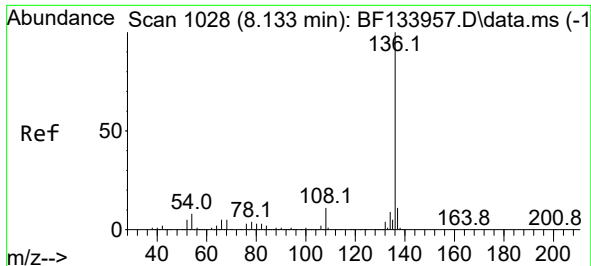
Tgt Ion: 99 Resp: 669518
Ion Ratio Lower Upper
99 100
42 25.9 19.8 29.6
71 42.0 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.232 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

Tgt Ion: 70 Resp: 61301
Ion Ratio Lower Upper
70 100
42 52.0 54.7 82.1#
101 0.0 7.7 11.5#
130 1.6 16.4 24.6#

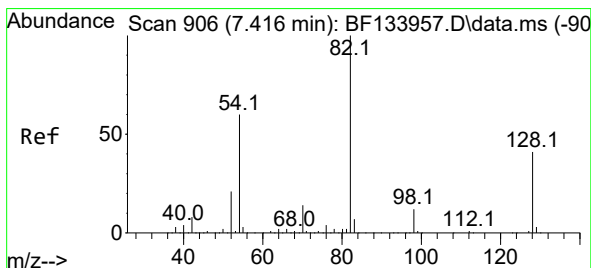
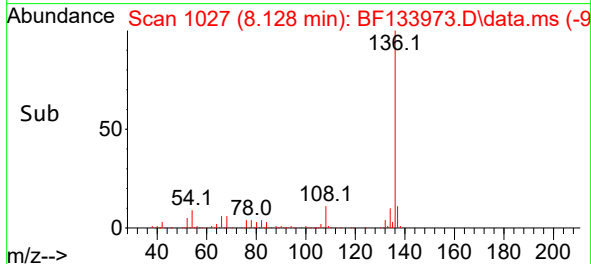
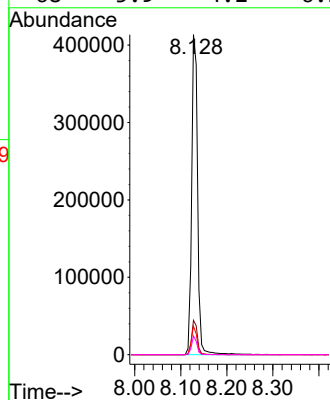
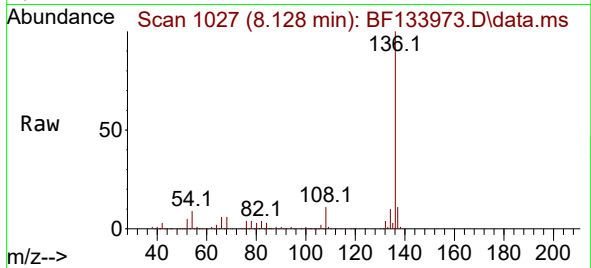




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

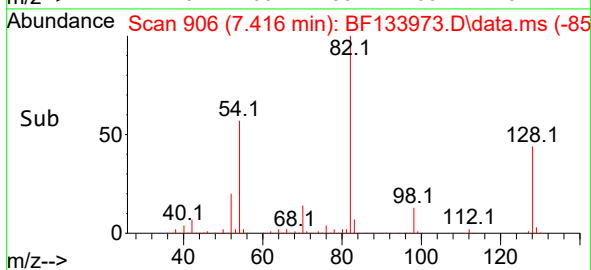
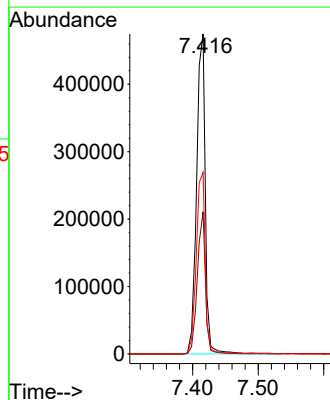
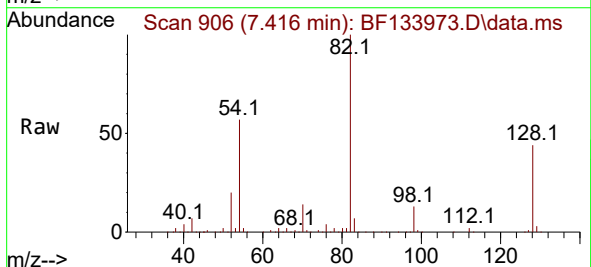
Instrument :
BNA_F
ClientSampleId :
TP2

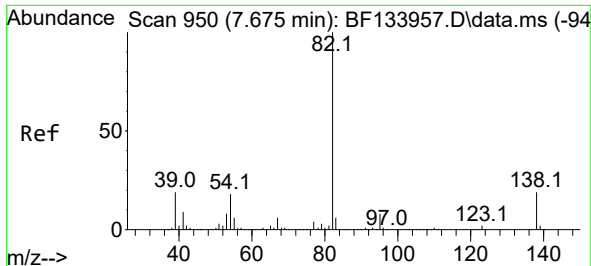
Tgt Ion:136 Resp: 367593
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.9 6.5 9.7
68 5.9 4.2 6.2



#23
Nitrobenzene-d5
Concen: 64.322 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

Tgt Ion: 82 Resp: 438629
Ion Ratio Lower Upper
82 100
128 44.4 32.5 48.7
54 56.7 48.2 72.2

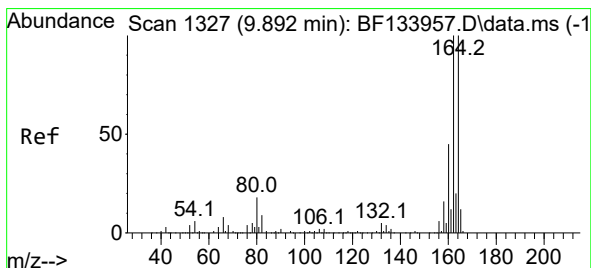
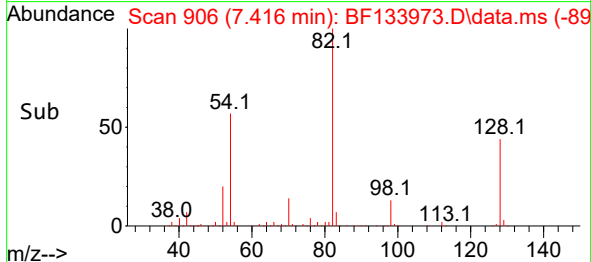
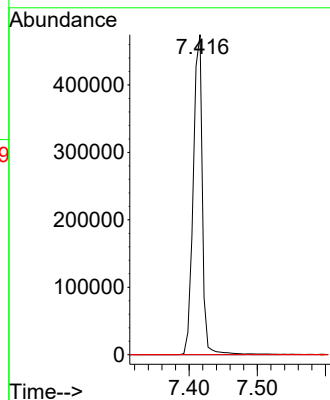
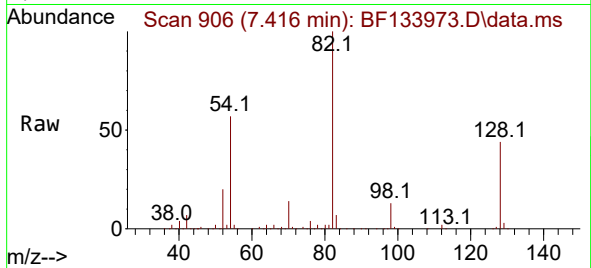




#25
Isophorone
Concen: 35.392 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

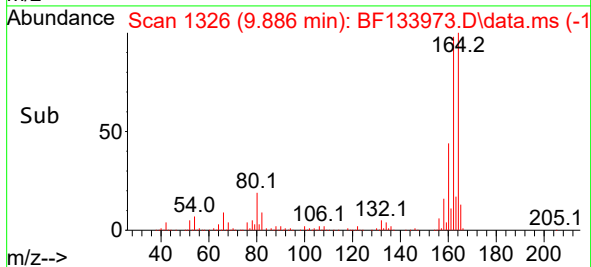
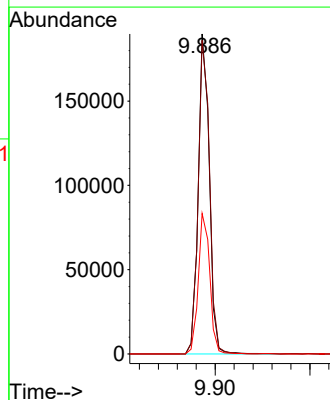
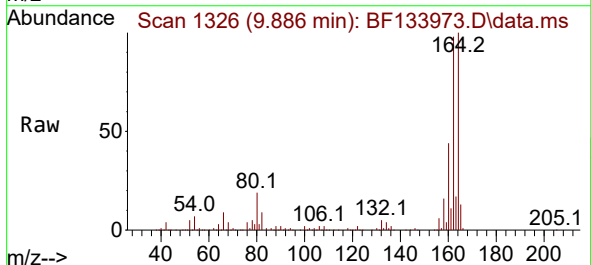
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion: 82 Resp: 438625
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: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

Tgt Ion:164 Resp: 154321
Ion Ratio Lower Upper
164 100
162 98.0 80.0 120.0
160 43.9 35.9 53.9

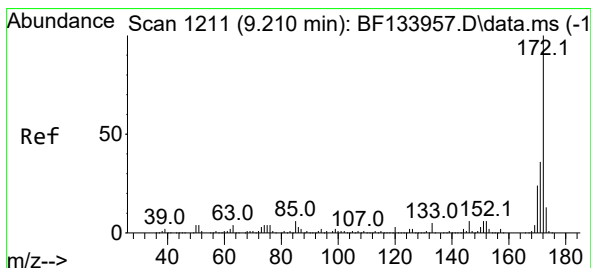
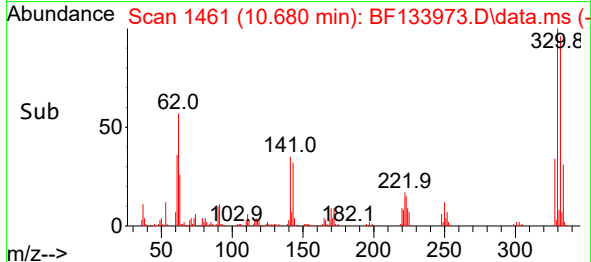
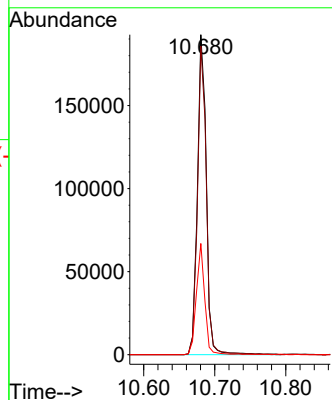
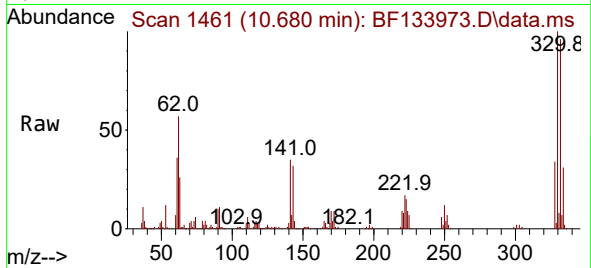




#42
2,4,6-Tribromophenol
Concen: 87.082 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

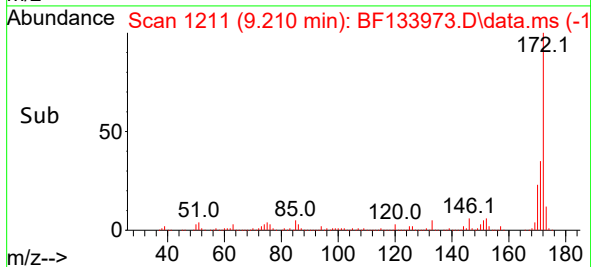
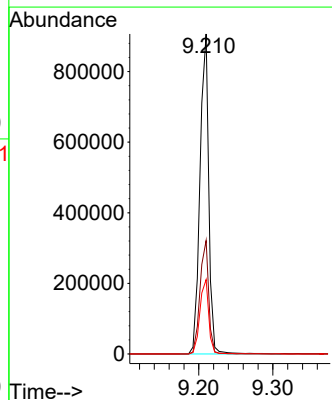
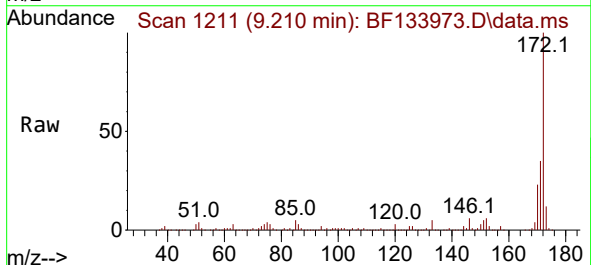
Instrument :
BNA_F
ClientSampleId :
TP2

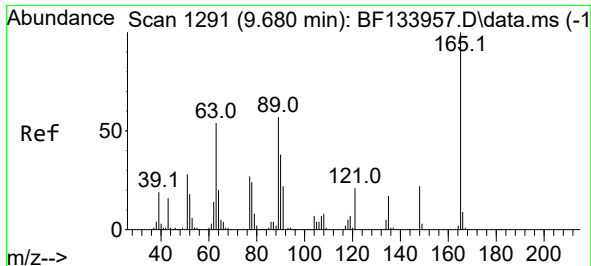
Tgt Ion:330 Resp: 168493
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 32.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 70.208 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

Tgt Ion:172 Resp: 745210
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.2 19.4 29.0

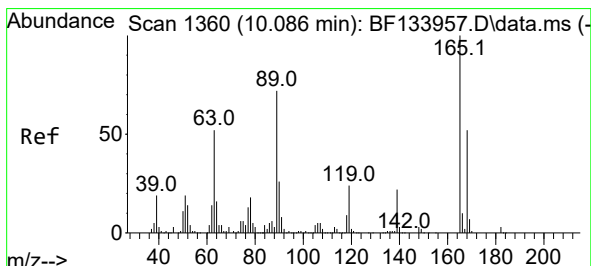
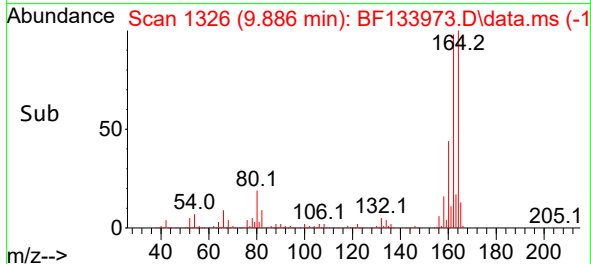
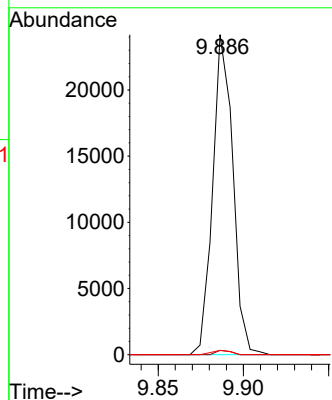
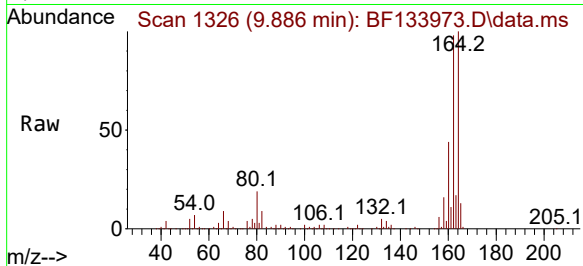




#51
2,6-Dinitrotoluene
Concen: 8.238 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

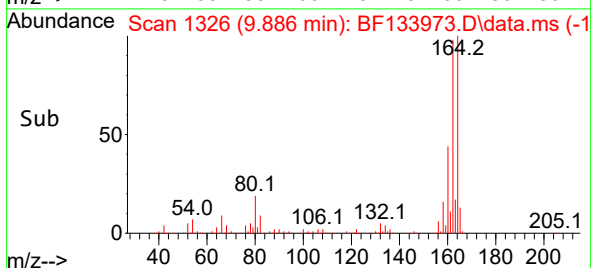
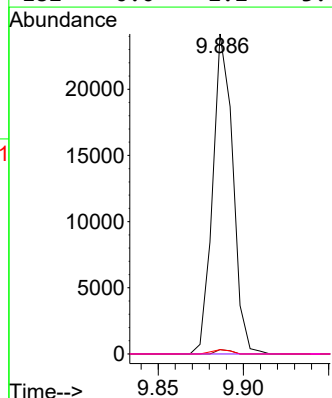
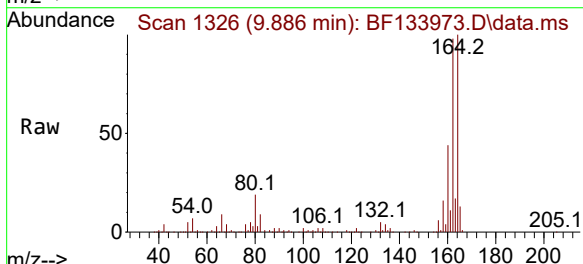
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ClientSampleId :
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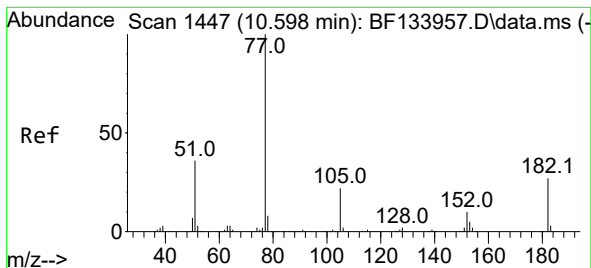
Tgt Ion:165 Resp: 19876
Ion Ratio Lower Upper
165 100
63 1.3 48.5 72.7#
89 1.3 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.238 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

Tgt Ion:165 Resp: 19876
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 1.3 57.4 86.2#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 5.215 ng

RT: 10.604 min Scan# 1447

Delta R.T. 0.006 min

Lab File: BF133973.D

Acq: 27 Jun 2023 04:44

Instrument :

BNA_F

ClientSampleId :

TP2

Tgt Ion: 77 Resp: 57568

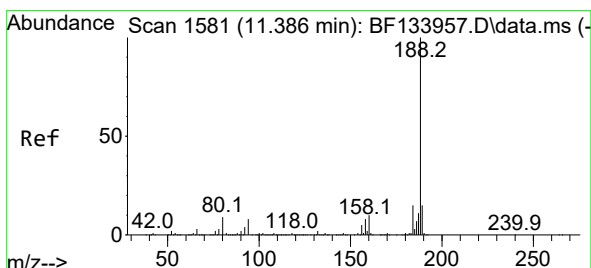
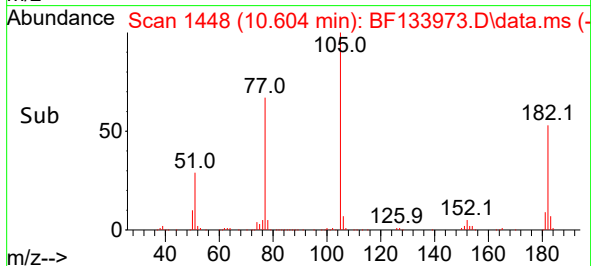
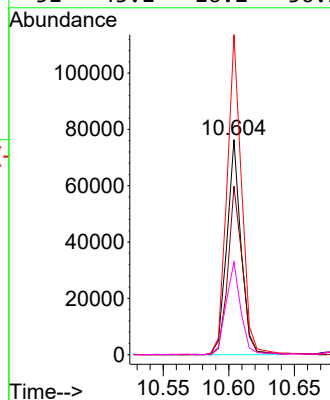
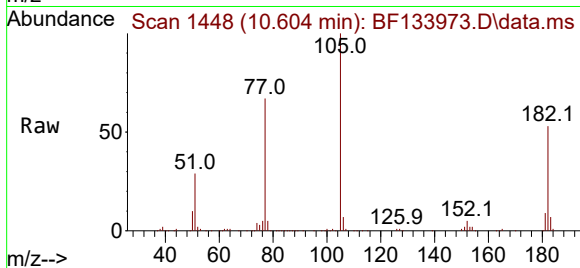
Ion Ratio Lower Upper

77 100

182 78.3 6.8 46.8#

105 148.8 2.3 42.3#

51 43.1 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF133973.D

Acq: 27 Jun 2023 04:44

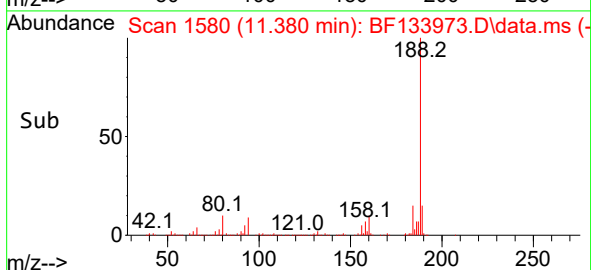
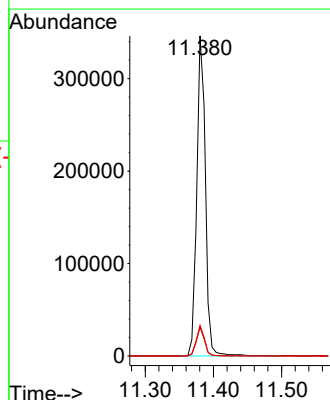
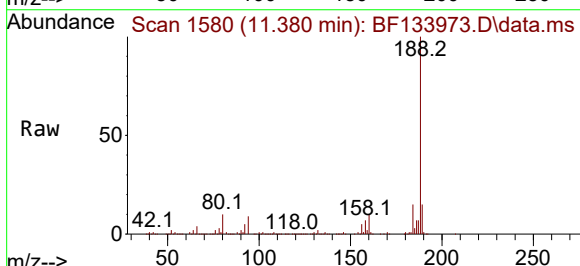
Tgt Ion:188 Resp: 301992

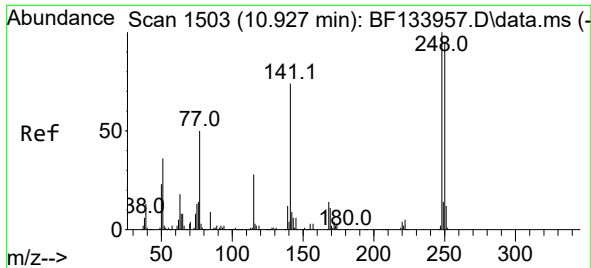
Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 9.6 7.3 10.9

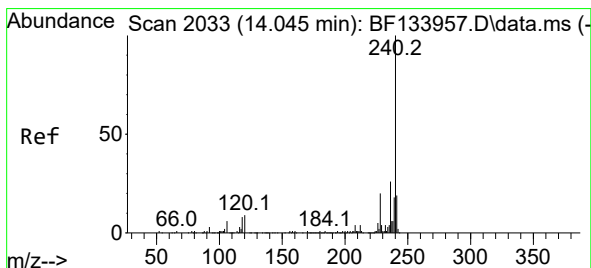
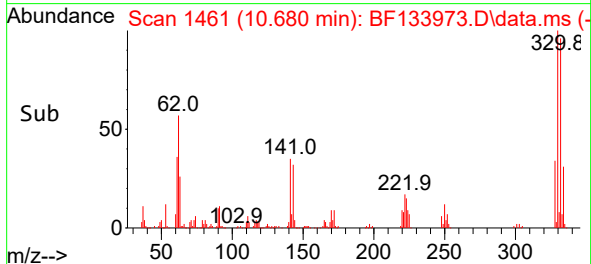
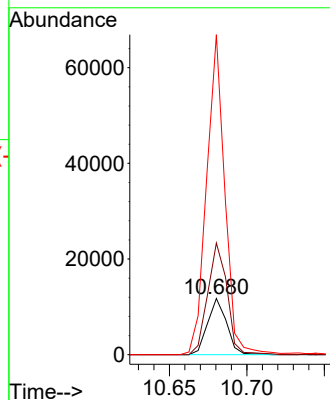
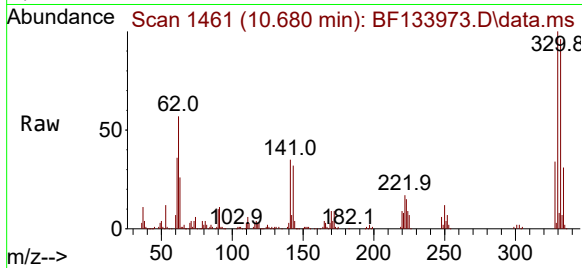




#67
4-Bromophenyl-phenylether
Concen: 3.145 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

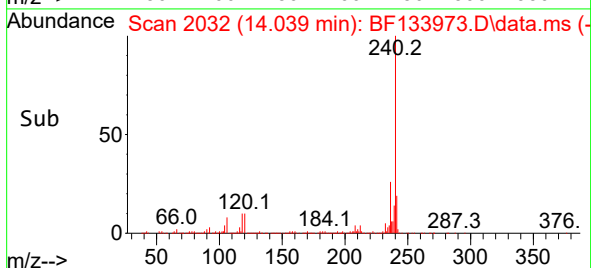
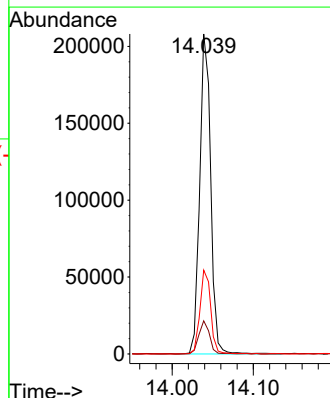
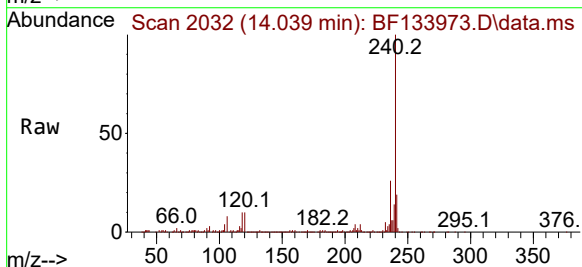
Instrument :
BNA_F
ClientSampleId :
TP2

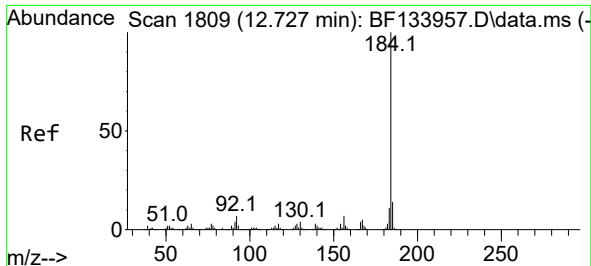
Tgt Ion:248 Resp: 10095
Ion Ratio Lower Upper
248 100
250 198.5 76.2 114.4#
141 569.2 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

Tgt Ion:240 Resp: 195525
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.0
236 26.2 21.0 31.6

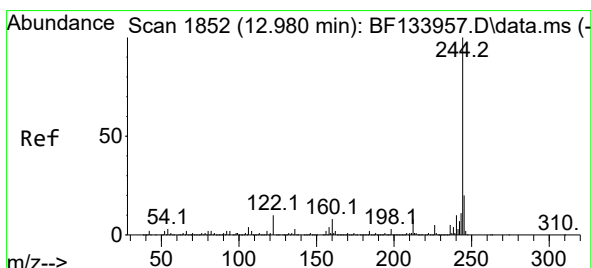
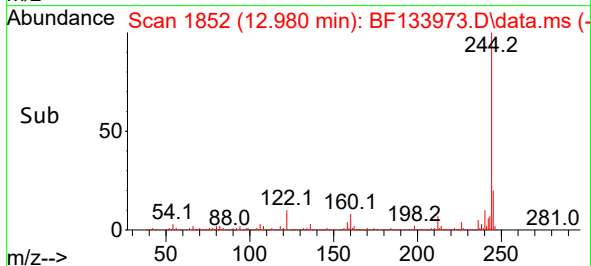
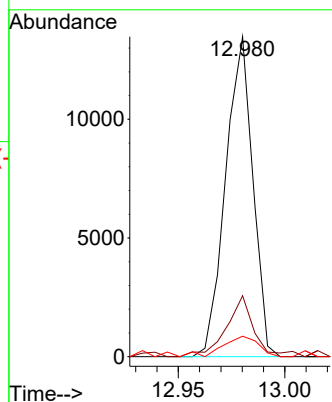
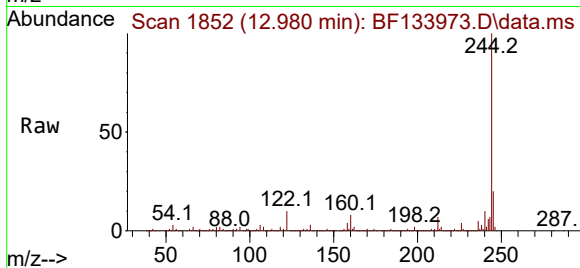




#77
Benzidine
Concen: 2.580 ng
RT: 12.980 min Scan# 1809
Delta R.T. 0.253 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

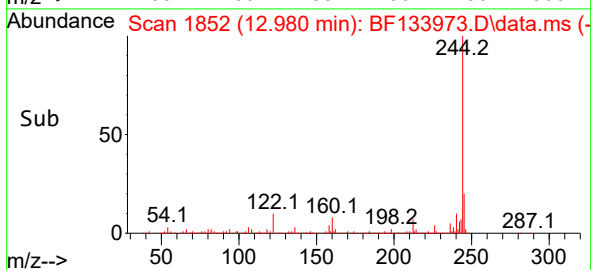
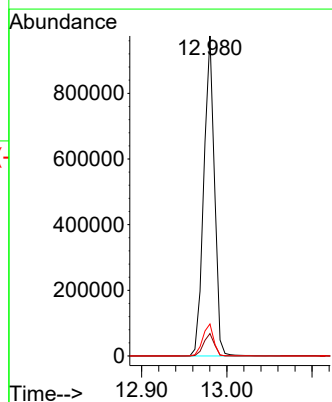
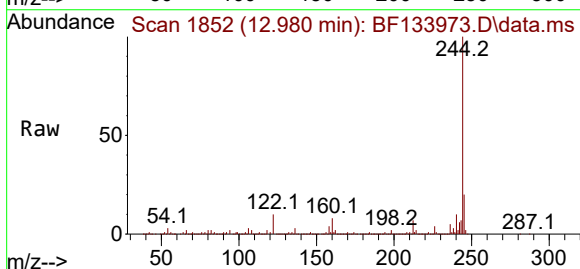
Instrument :
BNA_F
ClientSampleId :
TP2

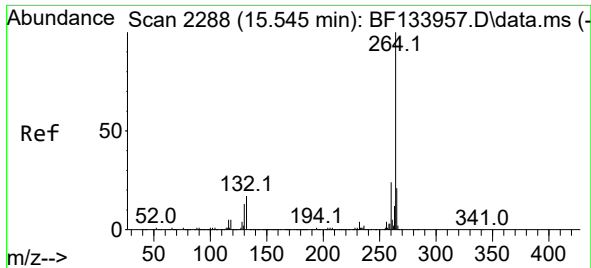
Tgt Ion:184 Resp: 12005
Ion Ratio Lower Upper
184 100
185 19.1 11.6 17.4#
183 6.4 8.8 13.2#



#79
Terphenyl-d14
Concen: 69.628 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

Tgt Ion:244 Resp: 845891
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 10.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF133973.D
 Acq: 27 Jun 2023 04:44

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Tgt Ion:264 Resp: 156138
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 20.2 16.6 25.0

