

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133976.D
 Acq On : 27 Jun 2023 06:21
 Operator : CG\JU
 Sample : 03337-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-17

Quant Time: Jun 27 06:42:17 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)

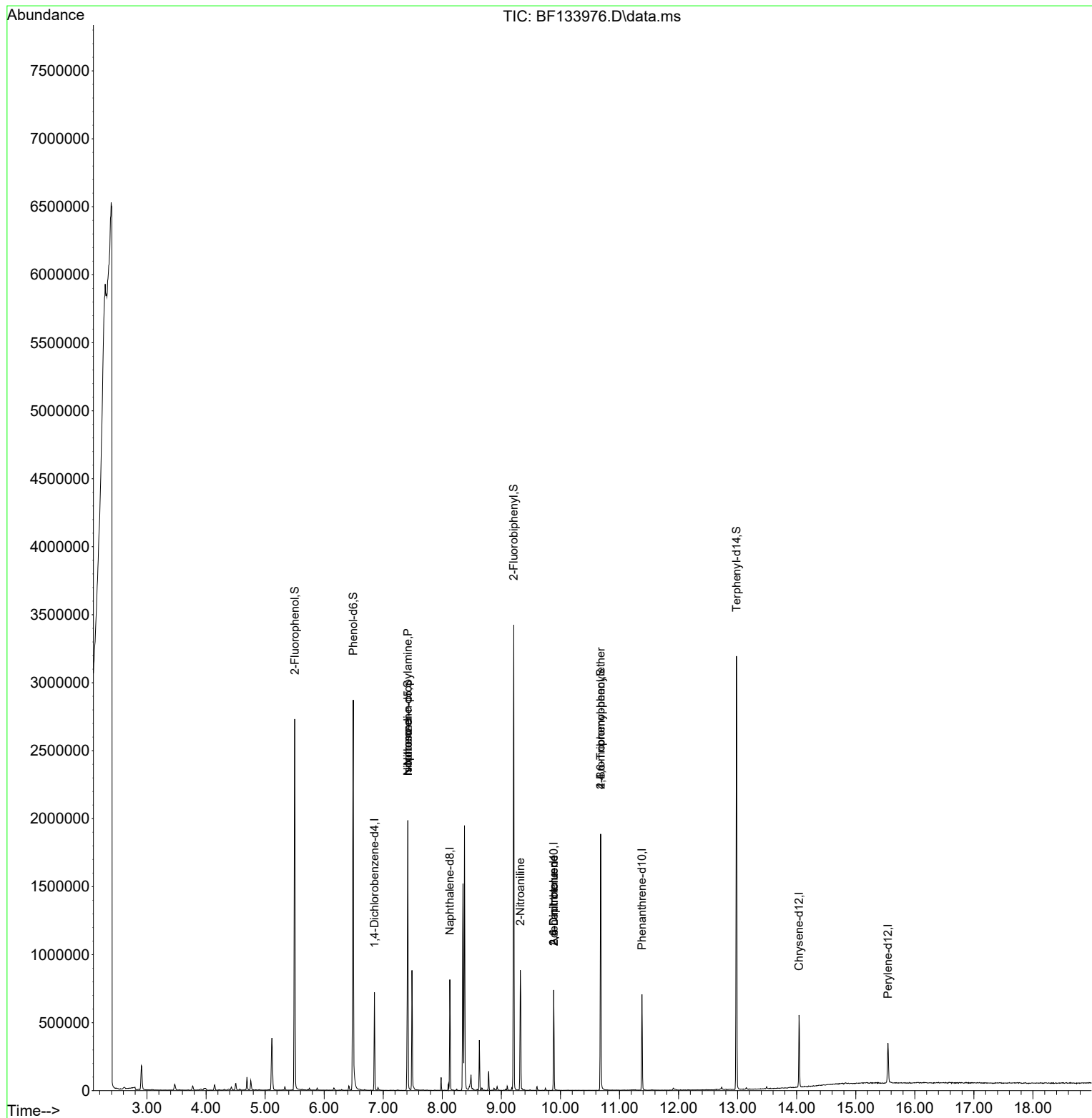
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	91822	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	317858	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	130348	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	245832	20.000	ng	0.00
76) Chrysene-d12	14.039	240	173127	20.000	ng	0.00
86) Perylene-d12	15.545	264	136863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	772195	140.675	ng	0.02
7) Phenol-d6	6.492	99	957930	141.902	ng	0.00
23) Nitrobenzene-d5	7.416	82	576120	97.704	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	215956	132.139	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	955054	106.526	ng	0.00
79) Terphenyl-d14	12.980	244	1131018	105.141	ng	0.00
Target Compounds						
9) Benzaldehyde	6.410	77	367	Below Cal		Qvalue 90
19) n-Nitroso-di-n-propyla...	7.416	70	81181	18.963	ng	# 80
25) Isophorone	7.416	82	576113	53.759	ng	# 64
48) 2-Nitroaniline	9.322	65	8827	3.166	ng	# 15
51) 2,6-Dinitrotoluene	9.886	165	16927	8.306	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	16927	6.289	ng	# 23
67) 4-Bromophenyl-phenylether	10.680	248	13403	5.130	ng	# 1

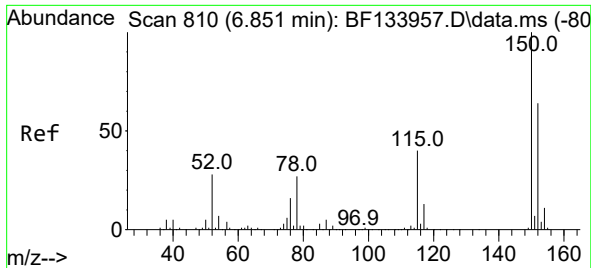
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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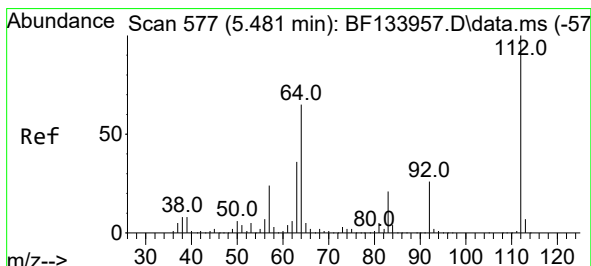
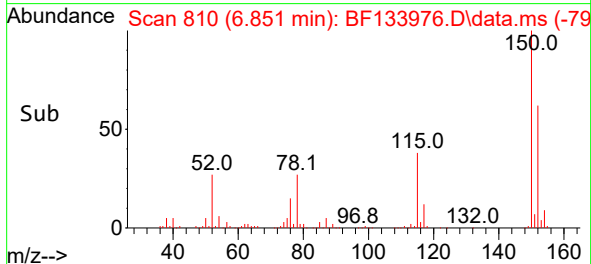
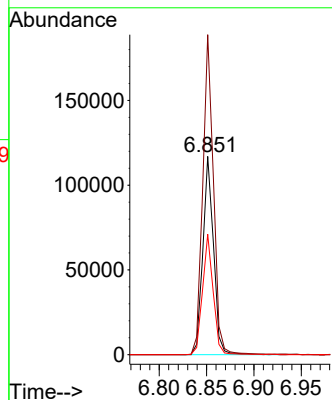
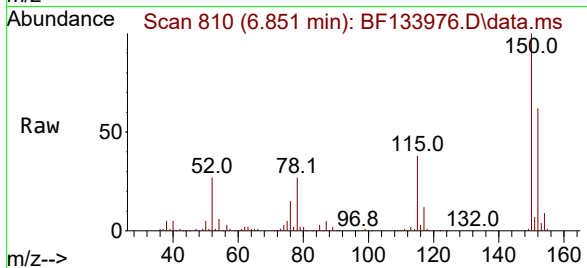




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

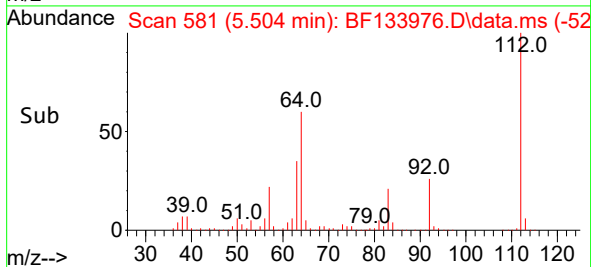
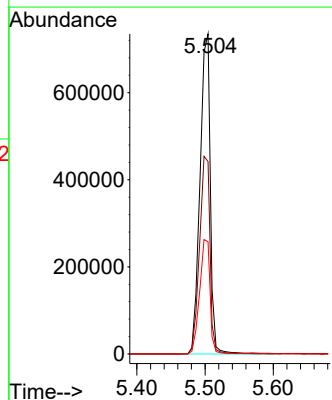
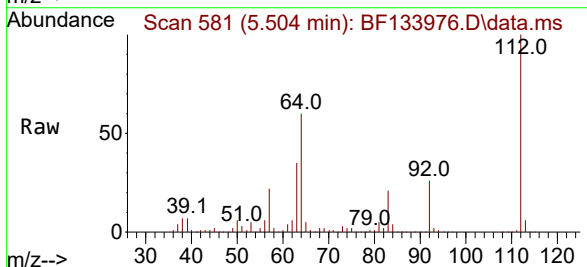
Instrument :
BNA_F
ClientSampleId :
WC-17

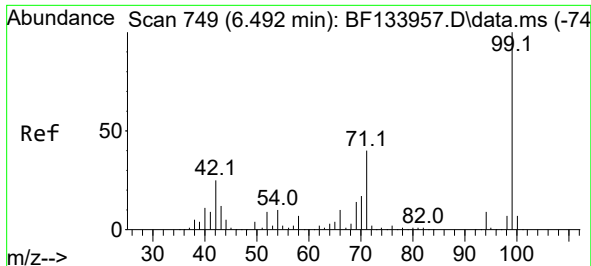
Tgt Ion:152 Resp: 91822
Ion Ratio Lower Upper
152 100
150 161.4 124.5 186.7
115 60.8 50.2 75.2



#5
2-Fluorophenol
Concen: 140.675 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

Tgt Ion:112 Resp: 772195
Ion Ratio Lower Upper
112 100
64 60.2 52.1 78.1
63 35.1 28.6 42.8

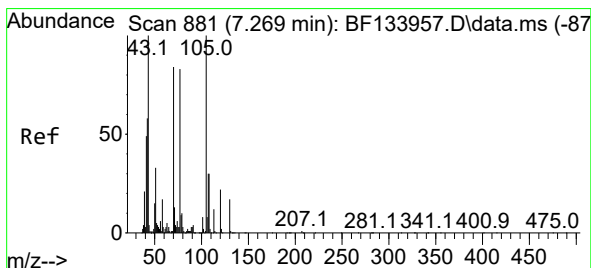
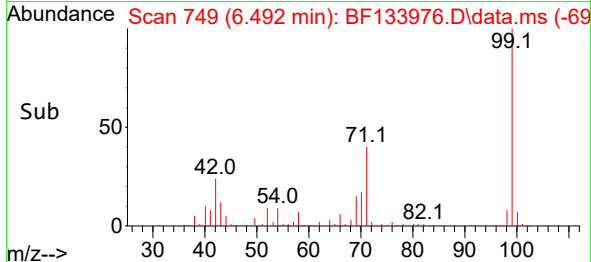
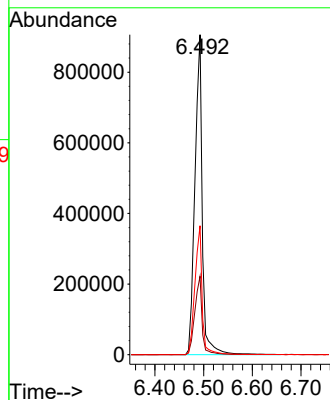
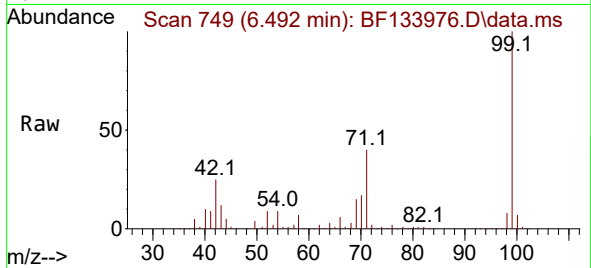




#7
Phenol-d6
Concen: 141.902 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

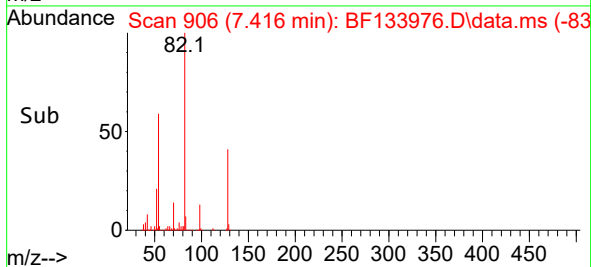
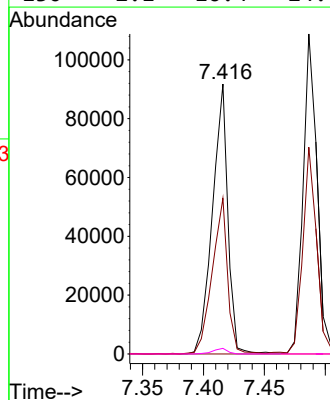
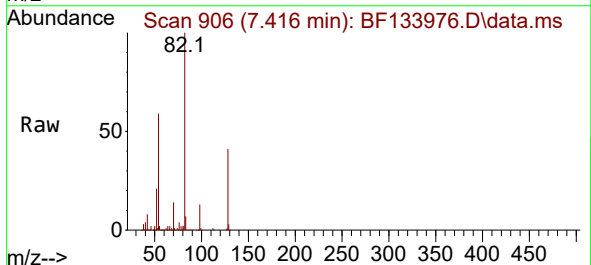
Instrument :
BNA_F
ClientSampleId :
WC-17

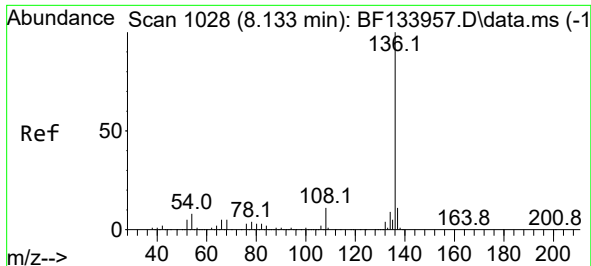
Tgt Ion: 99 Resp: 957930
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.6
71 40.3 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.963 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

Tgt Ion: 70 Resp: 81181
Ion Ratio Lower Upper
70 100
42 57.7 54.7 82.1
101 0.0 7.7 11.5#
130 2.1 16.4 24.6#



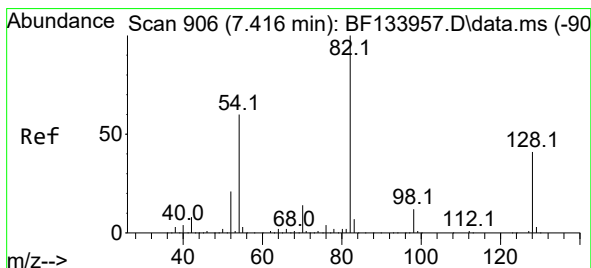
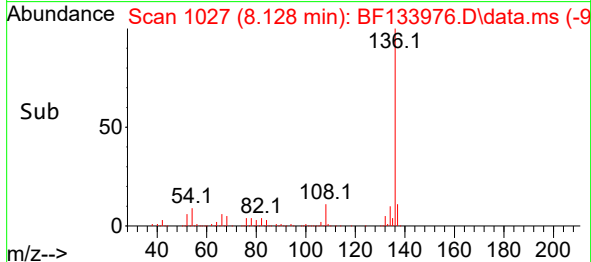
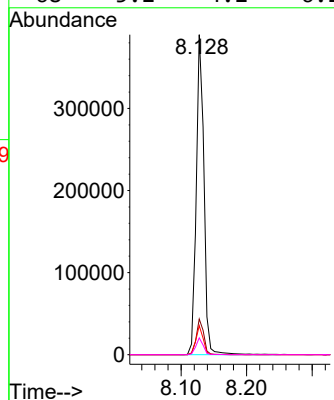
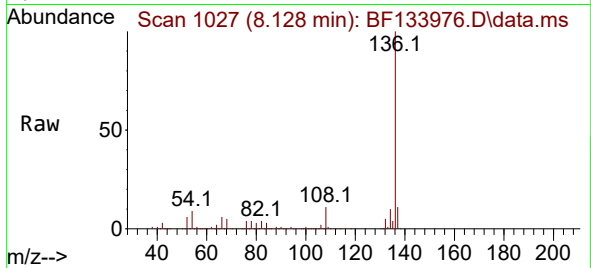


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

Instrument :
BNA_F
ClientSampleId :
WC-17

Tgt Ion:136 Resp: 317858

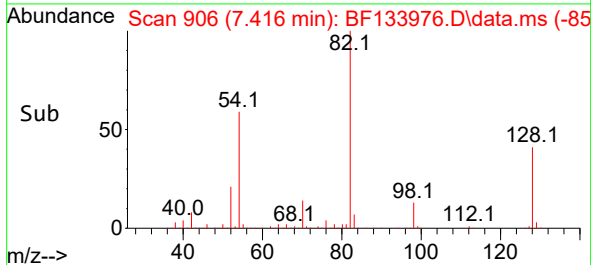
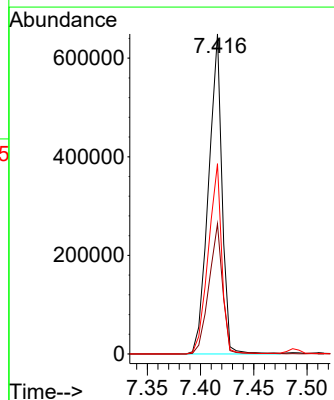
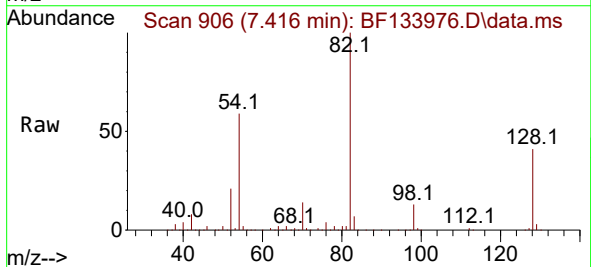
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.0	6.5	9.7
68	5.2	4.2	6.2

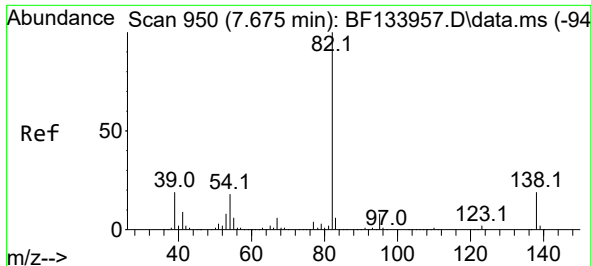


#23
Nitrobenzene-d5
Concen: 97.704 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

Tgt Ion: 82 Resp: 576120

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.5	48.7
54	59.4	48.2	72.2

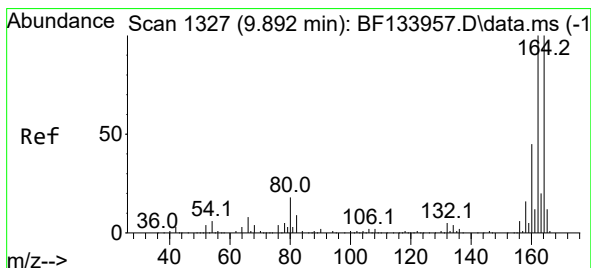
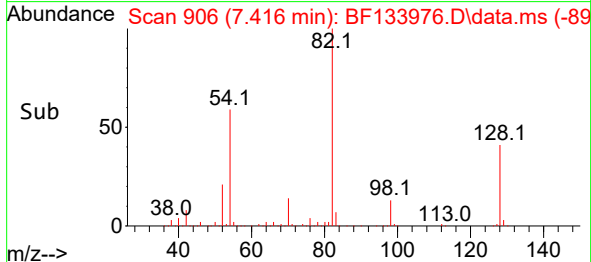
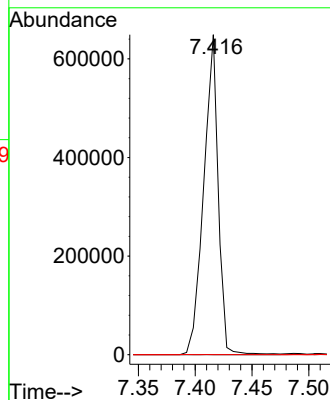
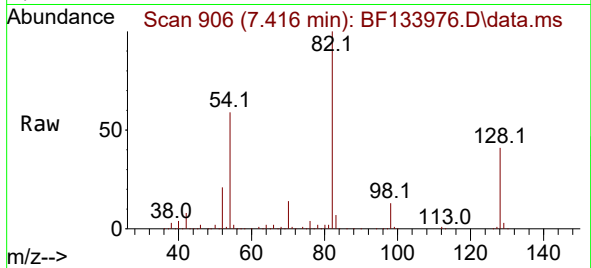




#25
Isophorone
Concen: 53.759 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

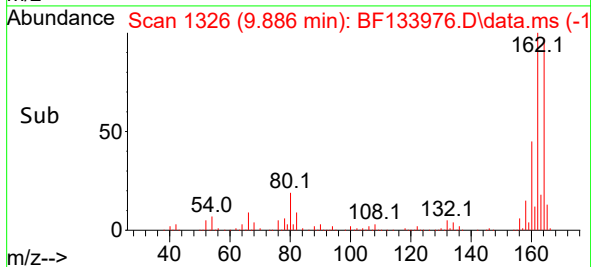
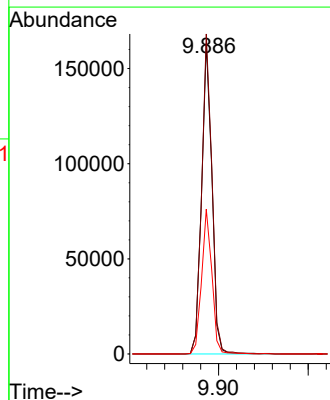
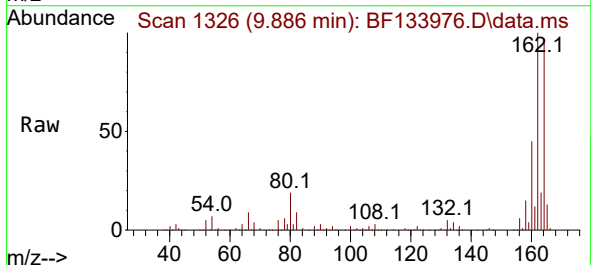
Instrument :
BNA_F
ClientSampleId :
WC-17

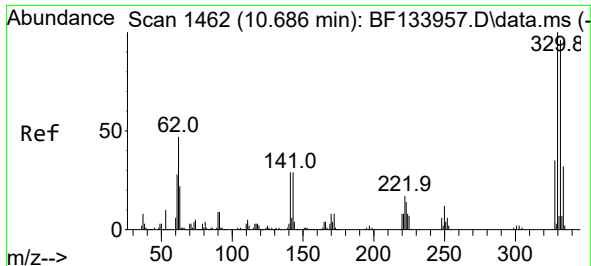
Tgt Ion: 82 Resp: 576113
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

Tgt Ion:164 Resp: 130348
Ion Ratio Lower Upper
164 100
162 103.1 80.0 120.0
160 46.6 35.9 53.9

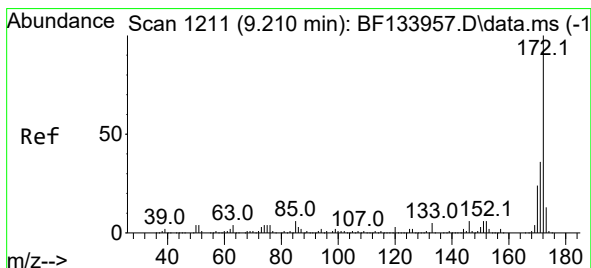
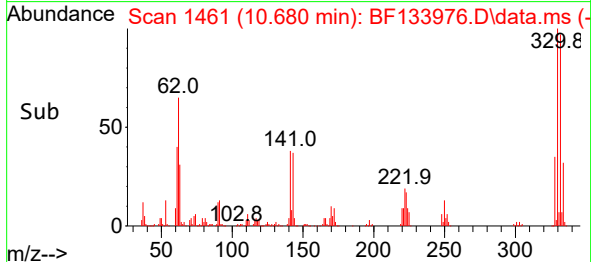
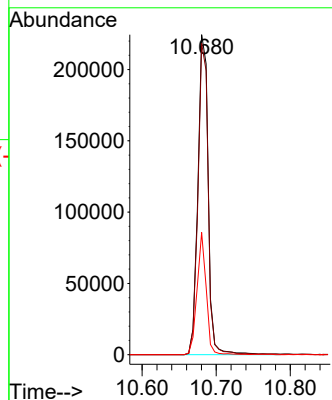
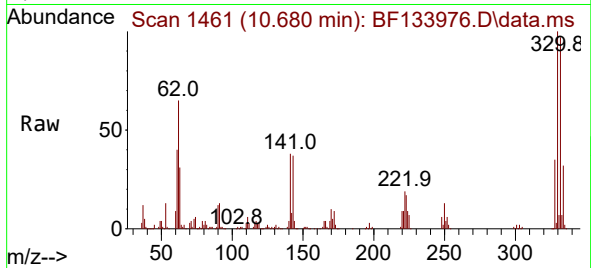




#42
2,4,6-Tribromophenol
Concen: 132.139 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

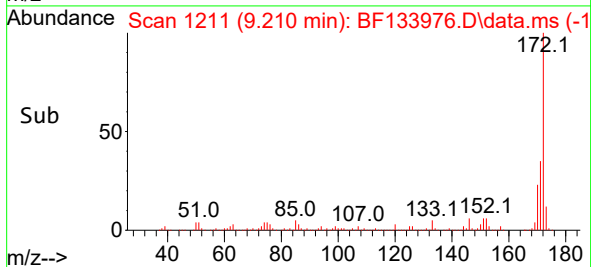
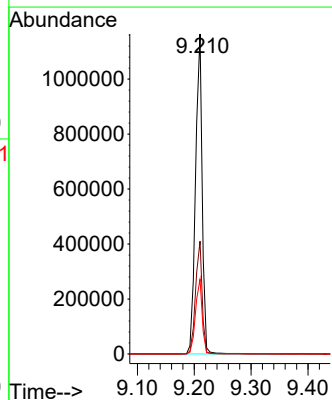
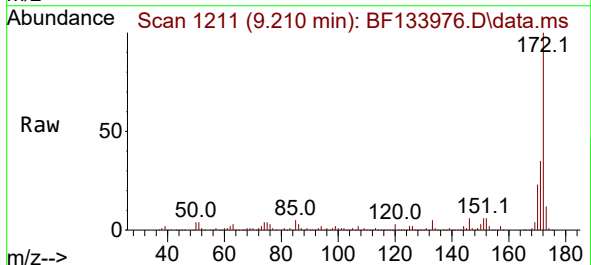
Instrument :
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ClientSampleId :
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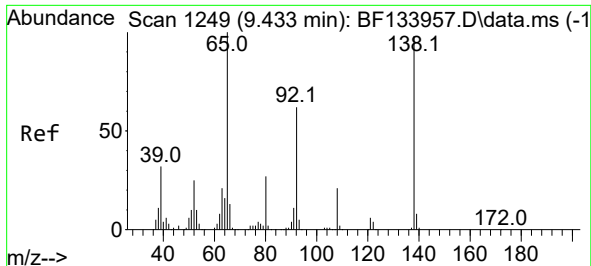
Tgt Ion:330 Resp: 215956
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 34.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 106.526 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

Tgt Ion:172 Resp: 955054
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.4 19.4 29.0

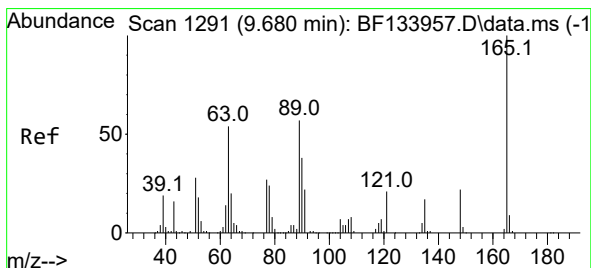
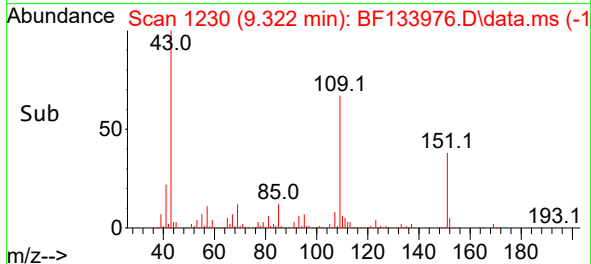
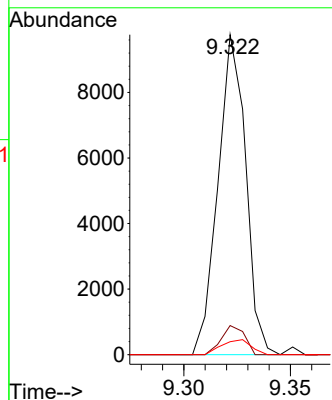
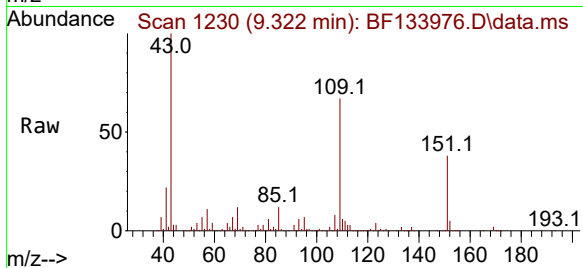




#48
2-Nitroaniline
Concen: 3.166 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.111 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

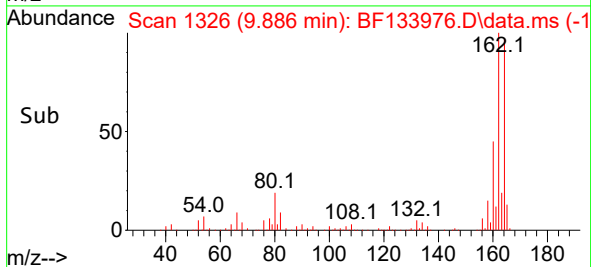
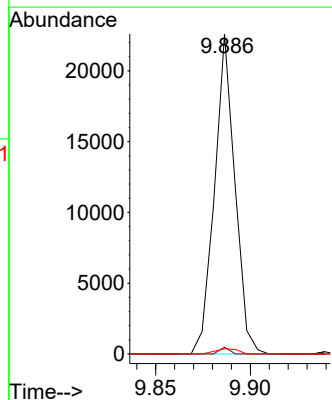
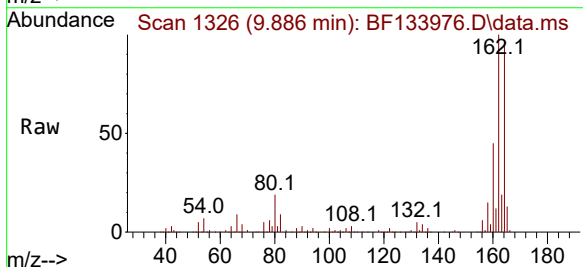
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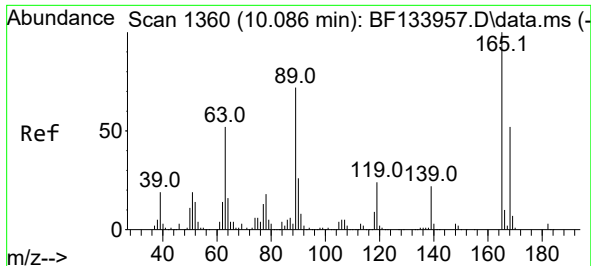
Tgt Ion: 65 Resp: 8827
Ion Ratio Lower Upper
65 100
92 9.1 49.5 74.3#
138 4.1 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 8.306 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

Tgt Ion: 165 Resp: 16927
Ion Ratio Lower Upper
165 100
63 2.1 48.5 72.7#
89 1.6 45.5 68.3#

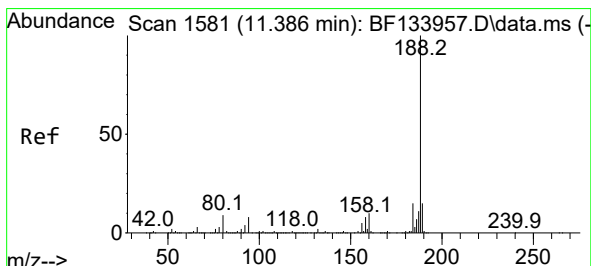
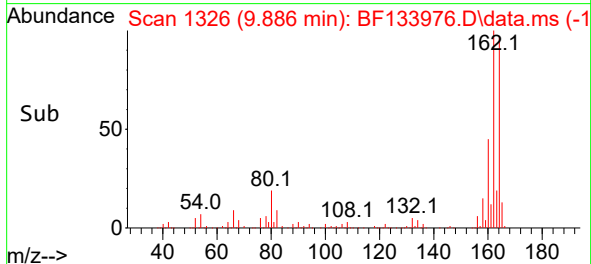
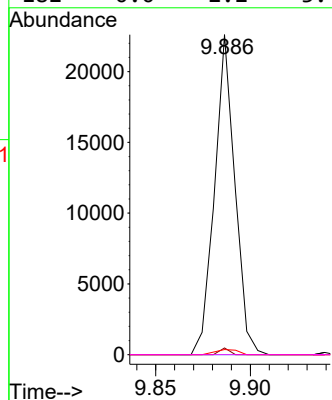
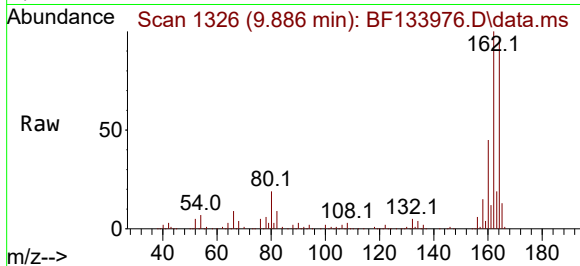




#57
2,4-Dinitrotoluene
Concen: 6.289 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

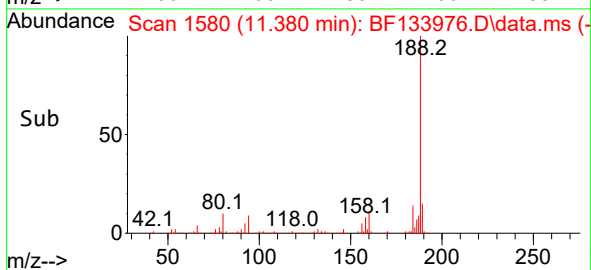
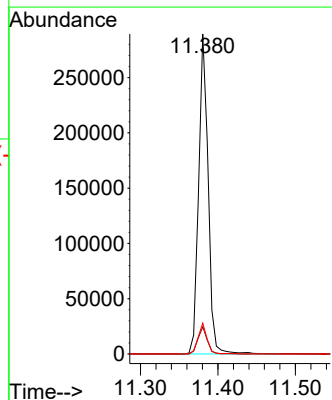
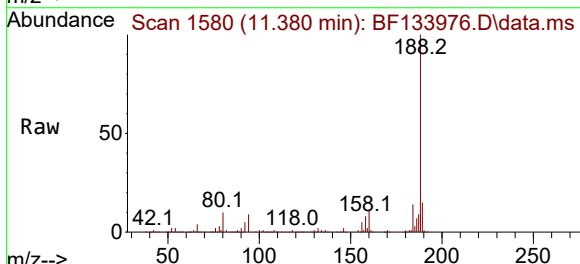
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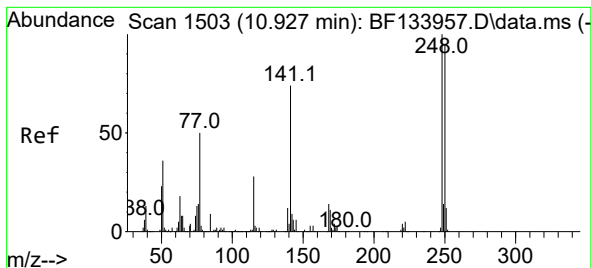
Tgt Ion:165 Resp: 16927
Ion Ratio Lower Upper
165 100
63 2.1 42.2 63.2#
89 1.6 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

Tgt Ion:188 Resp: 245832
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.6 7.3 10.9

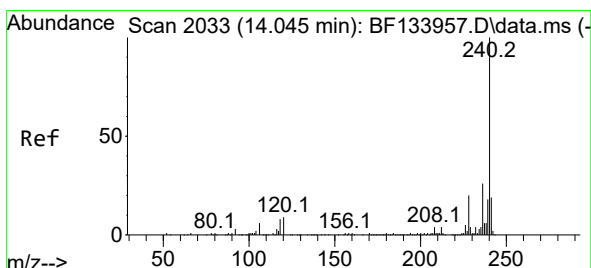
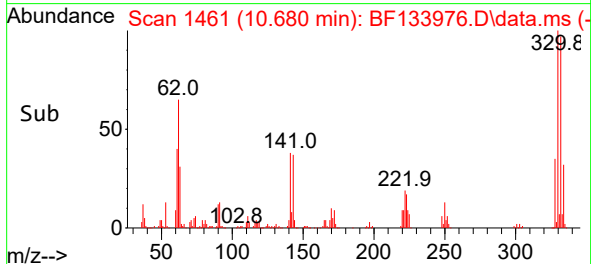
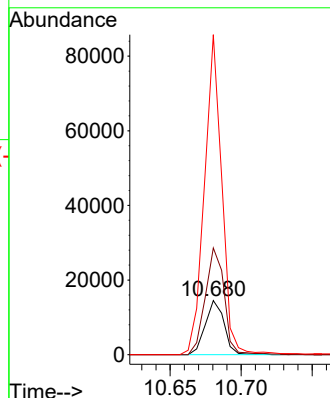
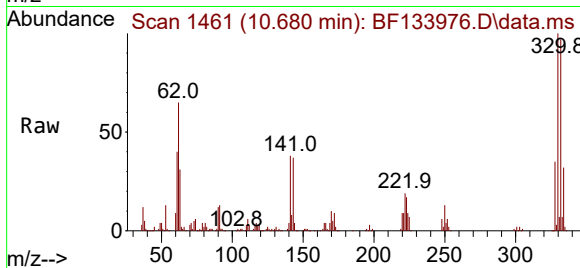




#67
4-Bromophenyl-phenylether
Concen: 5.130 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

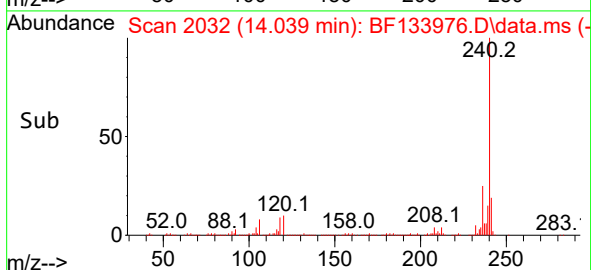
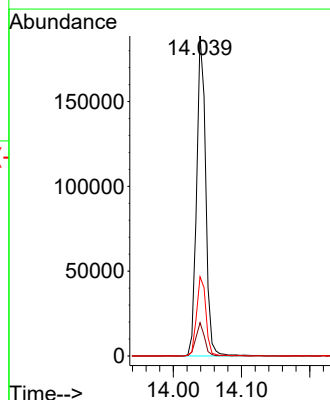
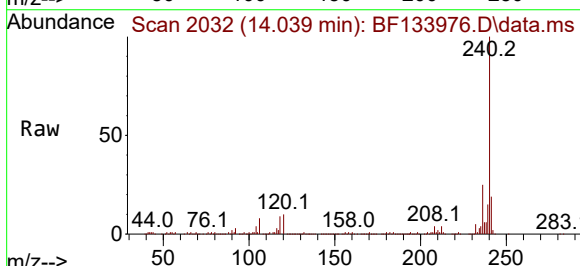
Instrument :
BNA_F
ClientSampleId :
WC-17

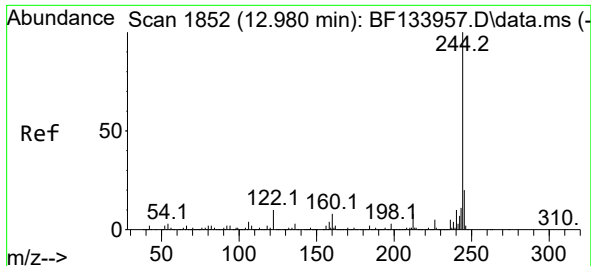
Tgt Ion:248 Resp: 13403
Ion Ratio Lower Upper
248 100
250 197.3 76.2 114.4#
141 591.3 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

Tgt Ion:240 Resp: 173127
Ion Ratio Lower Upper
240 100
120 10.4 7.4 11.0
236 24.7 21.0 31.6

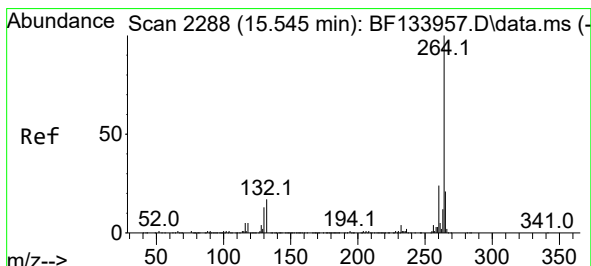
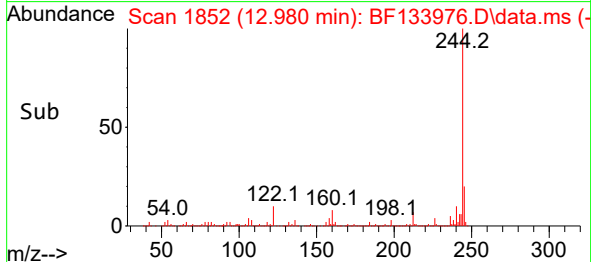
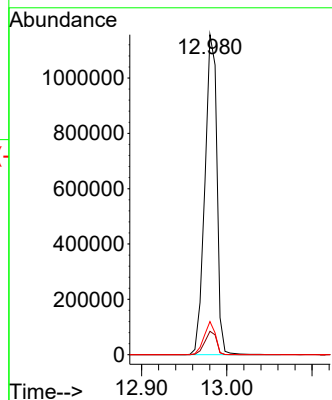
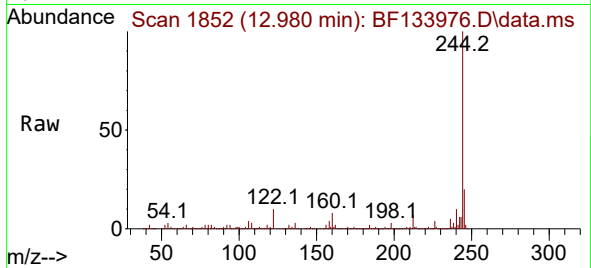




#79
 Terphenyl-d14
 Concen: 105.141 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133976.D
 Acq: 27 Jun 2023 06:21

Instrument :
 BNA_F
 ClientSampleId :
 WC-17

Tgt Ion:244 Resp: 1131018
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.4 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: BF133976.D
 Acq: 27 Jun 2023 06:21

Tgt Ion:264 Resp: 136863
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 23.0 16.6 25.0

