

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133974.D
 Acq On : 27 Jun 2023 05:16
 Operator : CG\JU
 Sample : 03337-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-18

Quant Time: Jun 27 06:04:04 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)

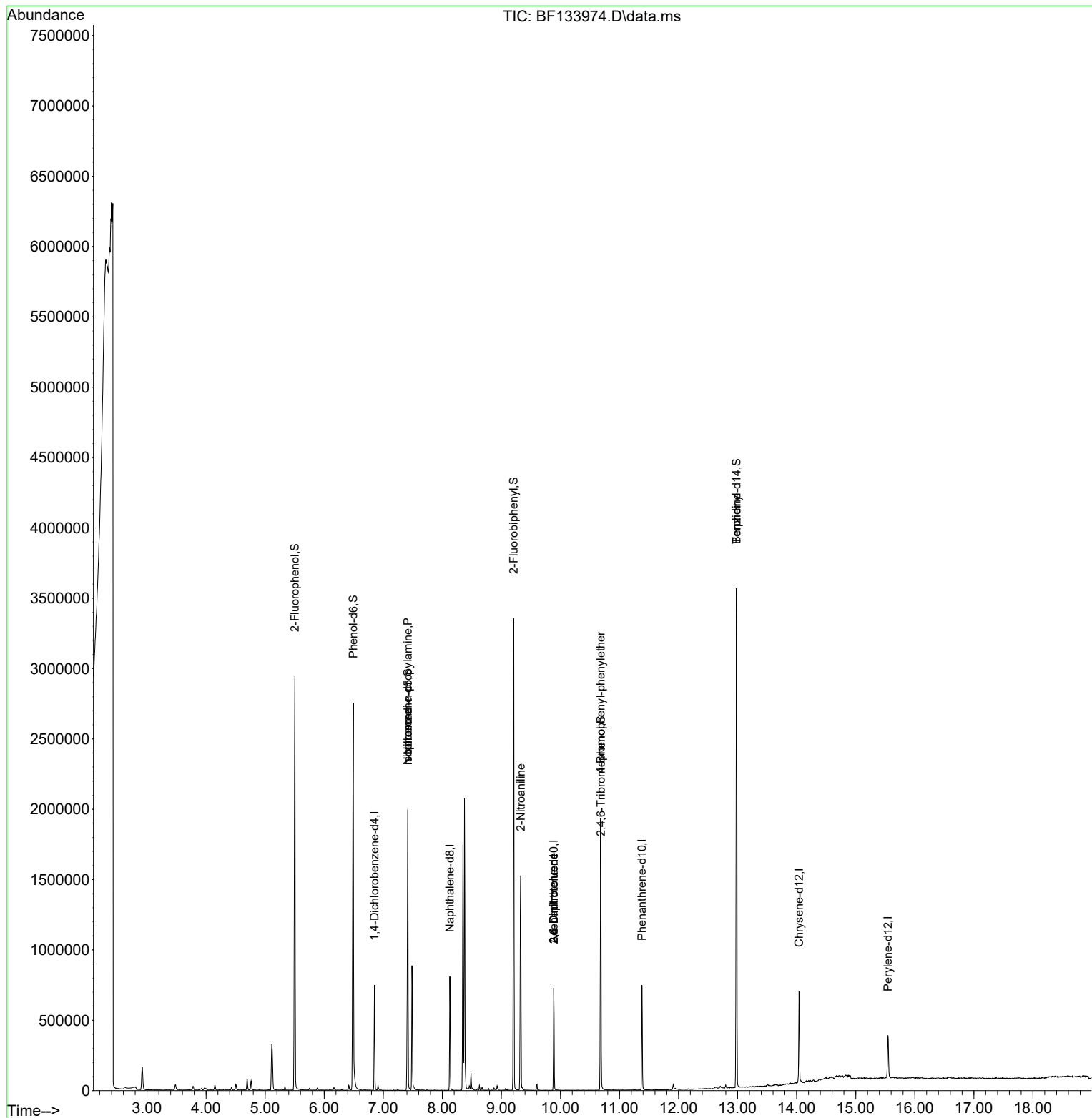
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	96097	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	318208	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	132057	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	263115	20.000	ng	0.00
76) Chrysene-d12	14.039	240	208585	20.000	ng	0.00
86) Perylene-d12	15.545	264	146073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	750802	130.693	ng	0.02
7) Phenol-d6	6.492	99	917929	129.927	ng	0.00
23) Nitrobenzene-d5	7.416	82	580429	98.326	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	229578	138.657	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	953279	104.952	ng	0.00
79) Terphenyl-d14	12.980	244	1320800	101.911	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	324	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	82170	18.340	ng	# 79
25) Isophorone	7.416	82	580416	54.101	ng	# 64
48) 2-Nitroaniline	9.328	65	15742	5.573	ng	# 17
51) 2,6-Dinitrotoluene	9.886	165	16394	7.940	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	16394	6.012	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	14465	5.172	ng	# 1
77) Benzidine	12.980	184	18067	3.640	ng	# 93

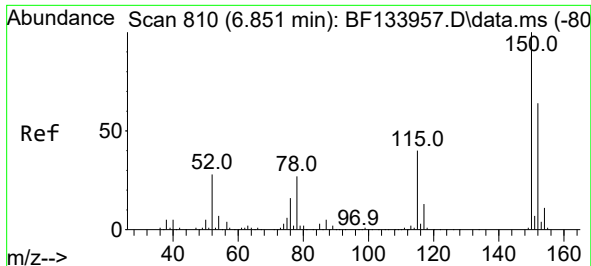
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
Data File : BF133974.D
Acq On : 27 Jun 2023 05:16
Operator : CG\JU
Sample : 03337-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-18

Quant Time: Jun 27 06:04:04 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

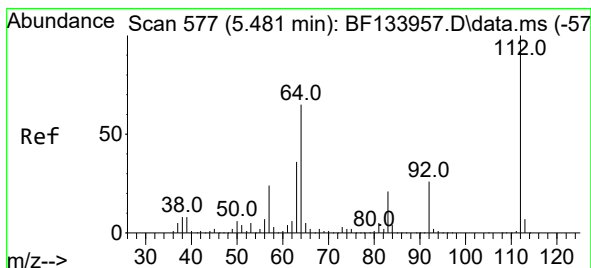
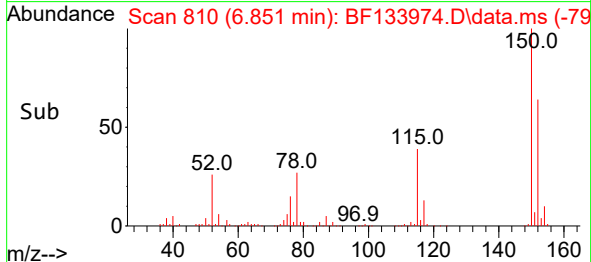
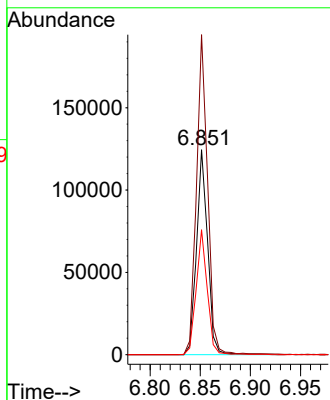
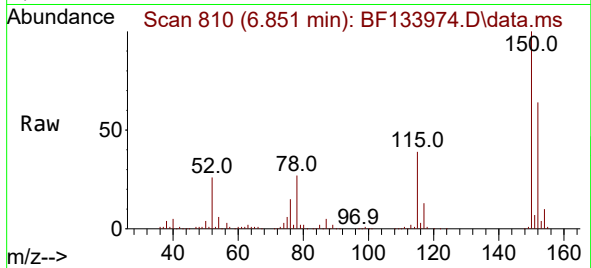




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

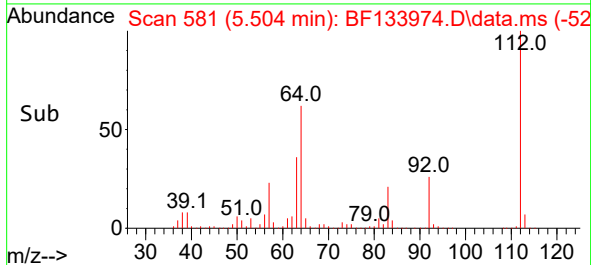
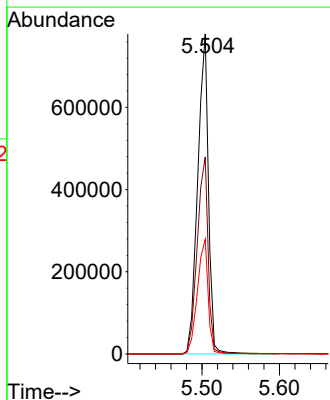
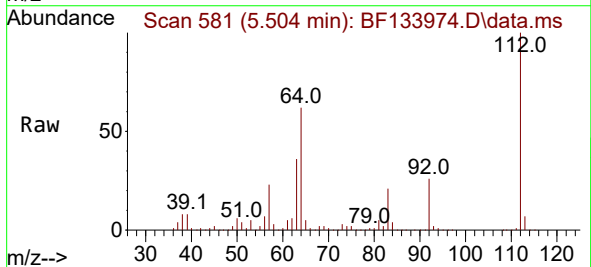
Instrument :
BNA_F
ClientSampleId :
WC-18

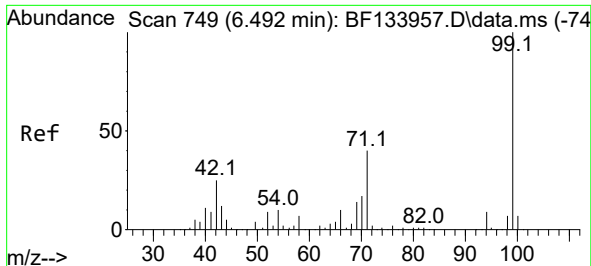
Tgt Ion:152 Resp: 96097
Ion Ratio Lower Upper
152 100
150 156.2 124.5 186.7
115 61.0 50.2 75.2



#5
2-Fluorophenol
Concen: 130.693 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

Tgt Ion:112 Resp: 750802
Ion Ratio Lower Upper
112 100
64 61.6 52.1 78.1
63 35.9 28.6 42.8

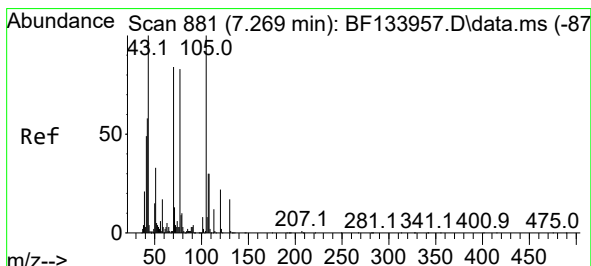
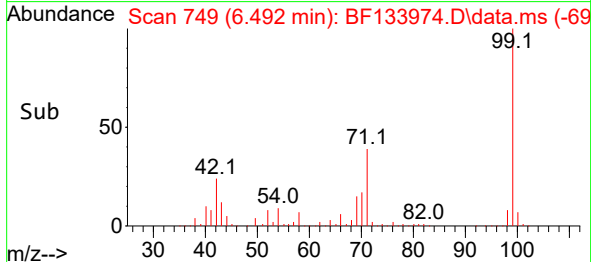
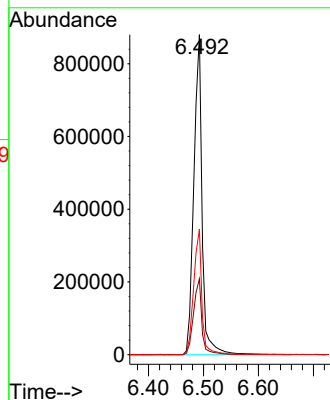
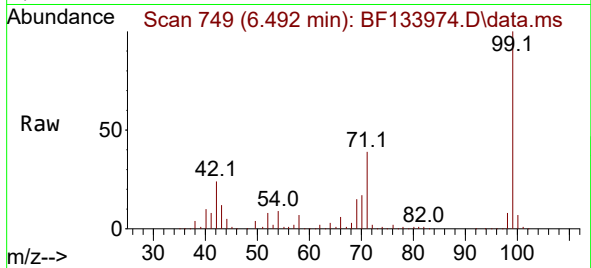




#7
Phenol-d6
Concen: 129.927 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

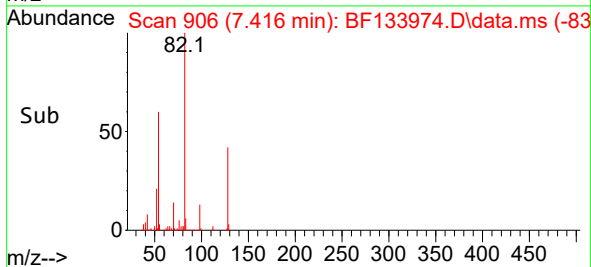
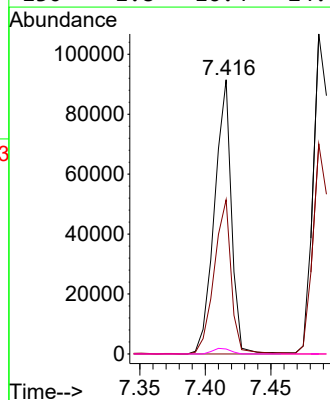
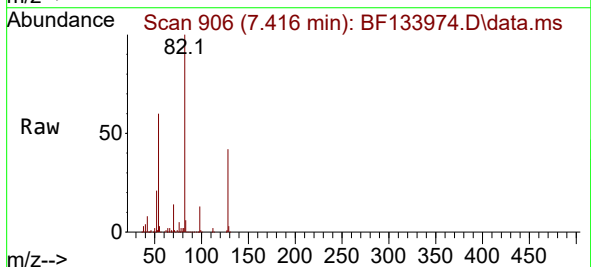
Instrument :
BNA_F
ClientSampleId :
WC-18

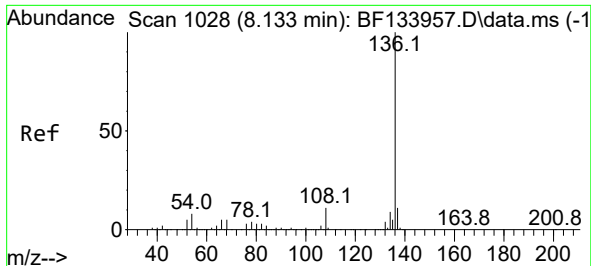
Tgt Ion: 99 Resp: 917929
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.6
71 39.2 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.340 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

Tgt Ion: 70 Resp: 82170
Ion Ratio Lower Upper
70 100
42 56.3 54.7 82.1
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#



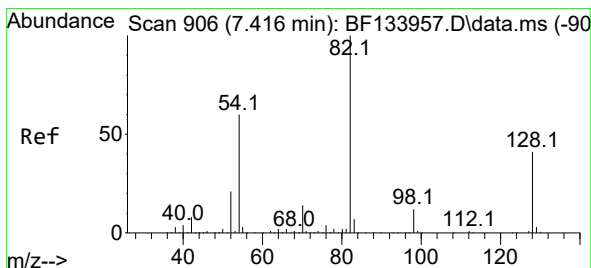
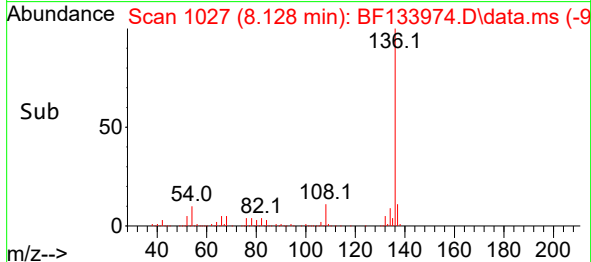
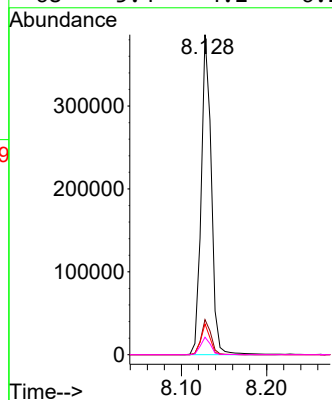
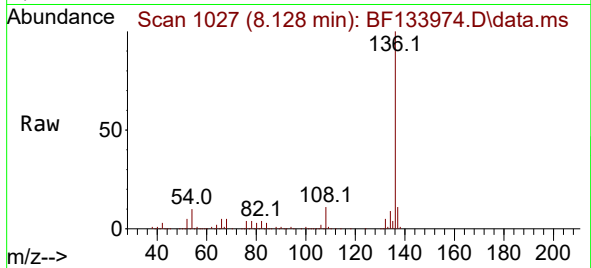


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

Instrument :
BNA_F
ClientSampleId :
WC-18

Tgt Ion:136 Resp: 318208

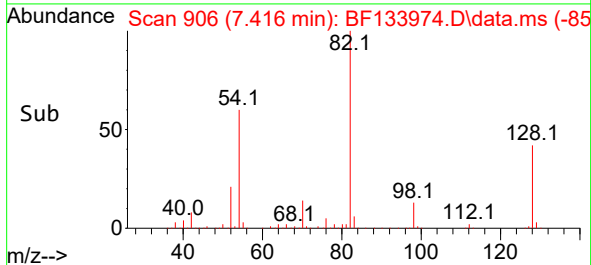
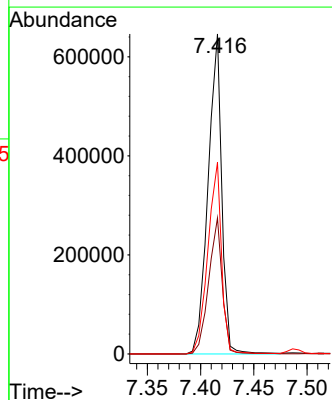
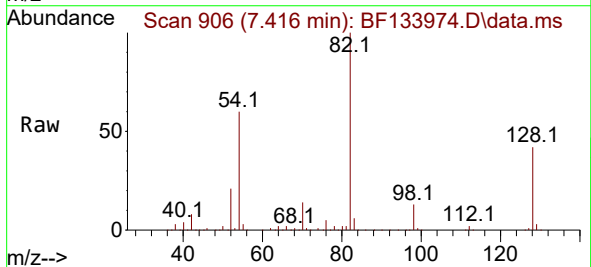
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.6	6.5	9.7
68	5.4	4.2	6.2

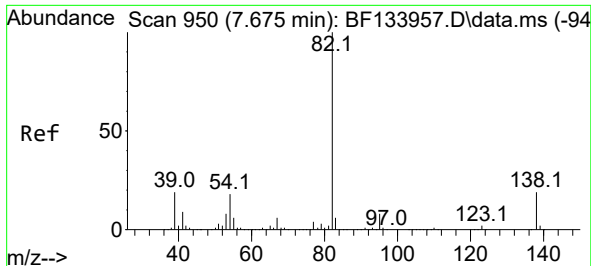


#23
Nitrobenzene-d5
Concen: 98.326 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

Tgt Ion: 82 Resp: 580429

Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.5	48.7
54	59.8	48.2	72.2

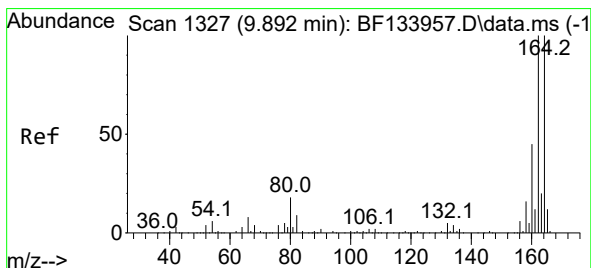
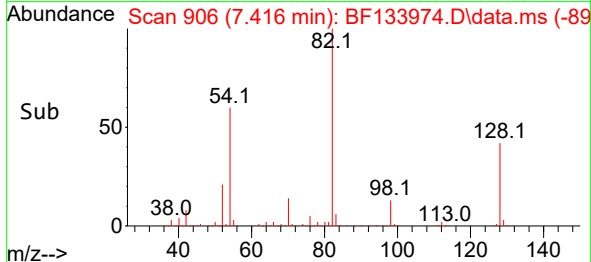
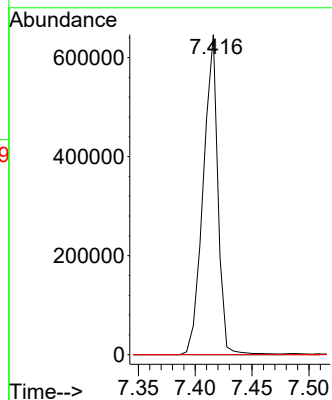
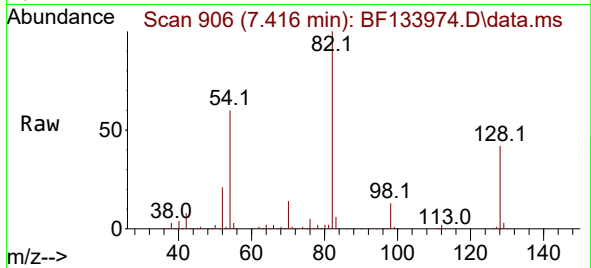




#25
Isophorone
Concen: 54.101 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

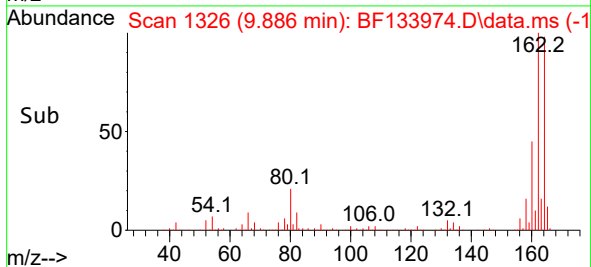
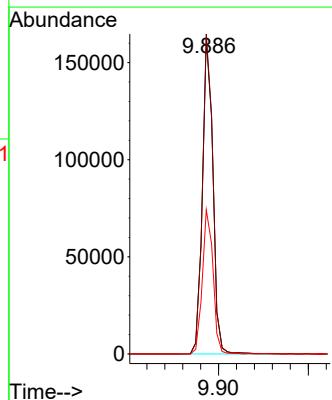
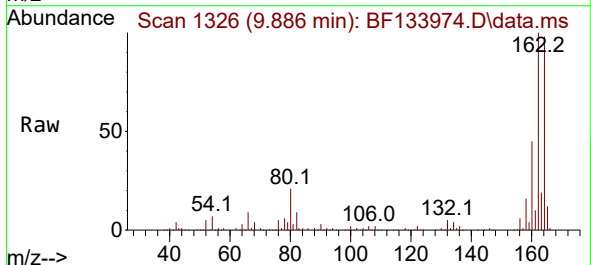
Instrument :
BNA_F
ClientSampleId :
WC-18

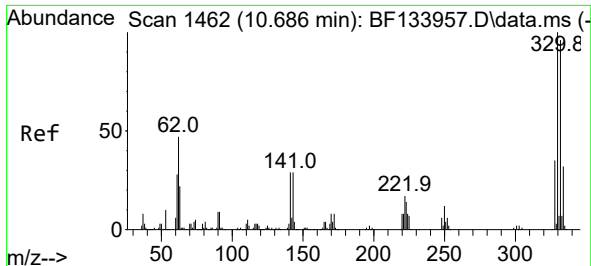
Tgt Ion: 82 Resp: 580416
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

Tgt Ion:164 Resp: 132057
Ion Ratio Lower Upper
164 100
162 101.5 80.0 120.0
160 45.8 35.9 53.9

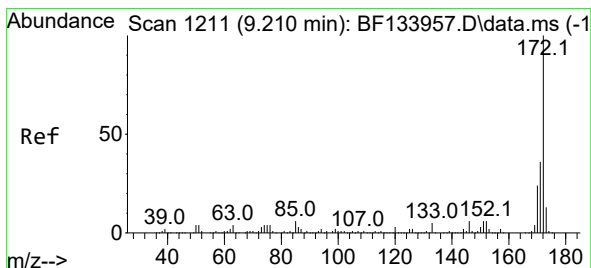
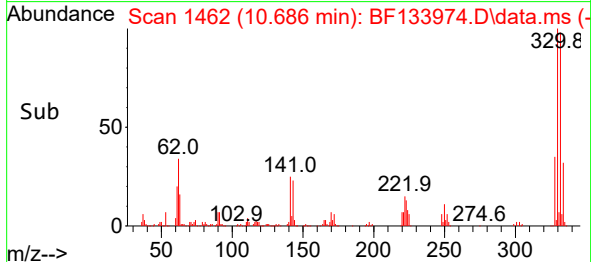
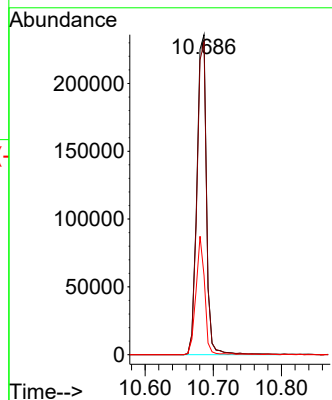
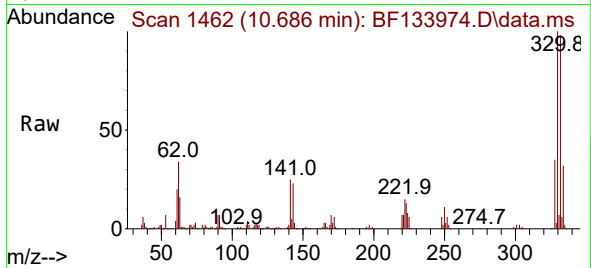




#42
2,4,6-Tribromophenol
Concen: 138.657 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

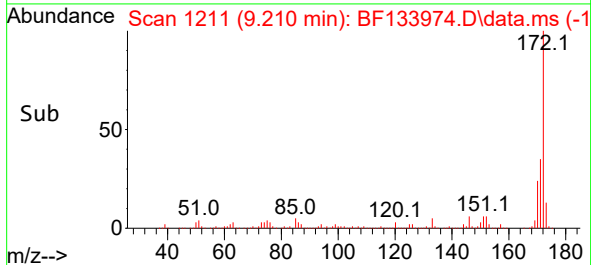
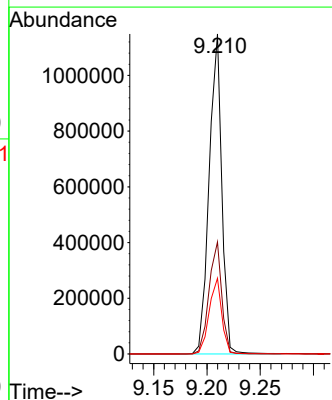
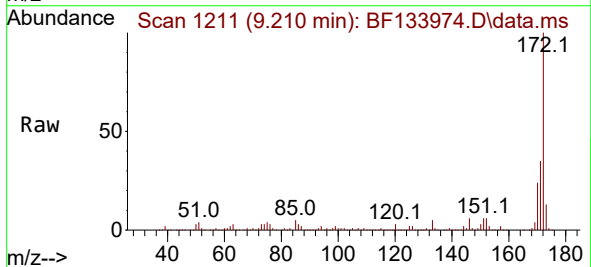
Instrument :
BNA_F
ClientSampleId :
WC-18

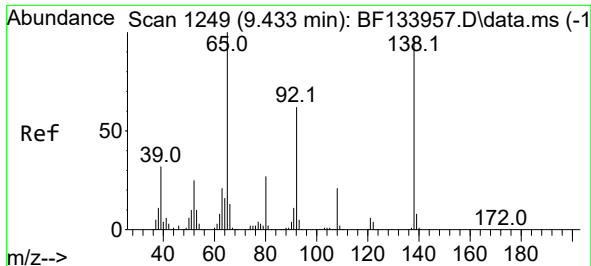
Tgt Ion:330 Resp: 229578
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 34.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 104.952 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

Tgt Ion:172 Resp: 953279
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.6 19.4 29.0

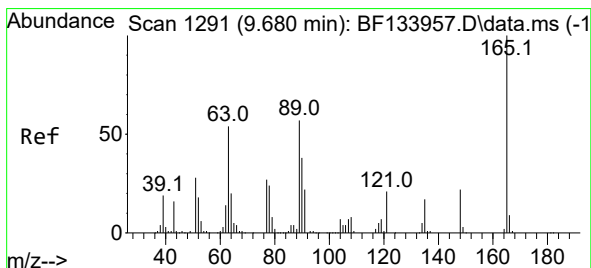
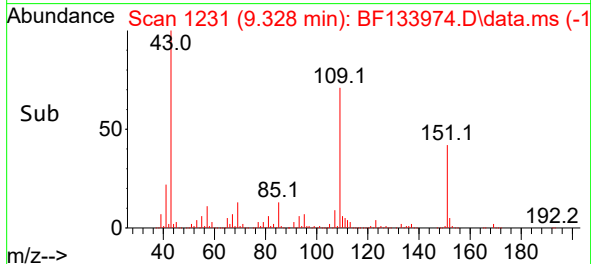
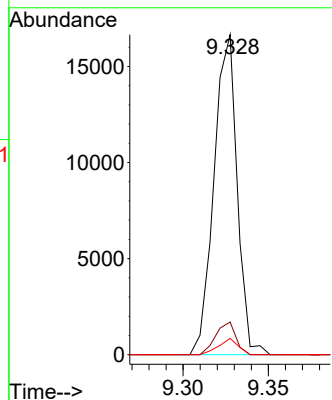
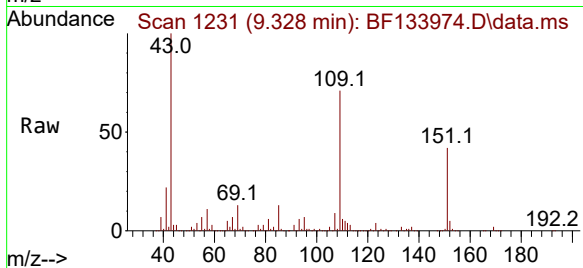




#48
2-Nitroaniline
Concen: 5.573 ng
RT: 9.328 min Scan# 11
Delta R.T. -0.105 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

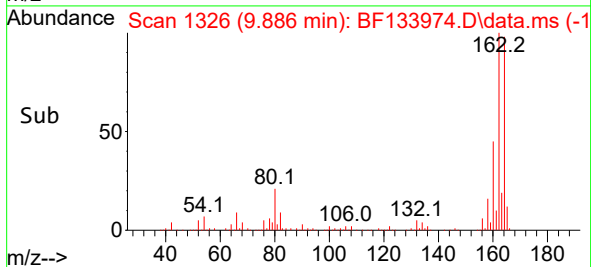
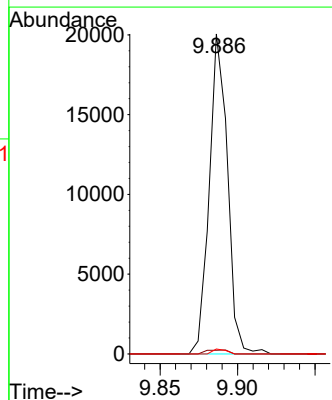
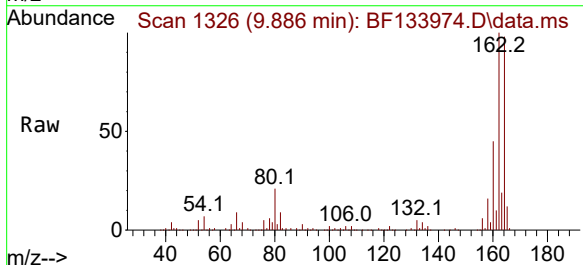
Instrument :
BNA_F
ClientSampleId :
WC-18

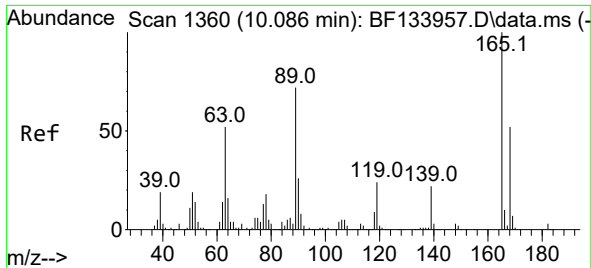
Tgt Ion: 65 Resp: 15742
Ion Ratio Lower Upper
65 100
92 10.2 49.5 74.3#
138 5.1 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 7.940 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

Tgt Ion:165 Resp: 16394
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 1.5 45.5 68.3#

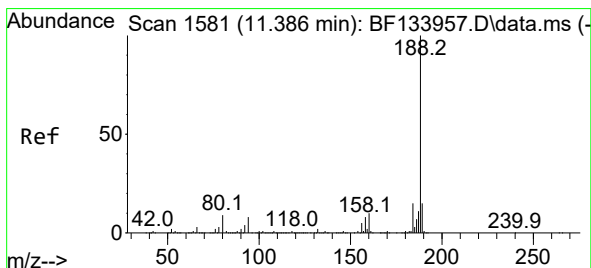
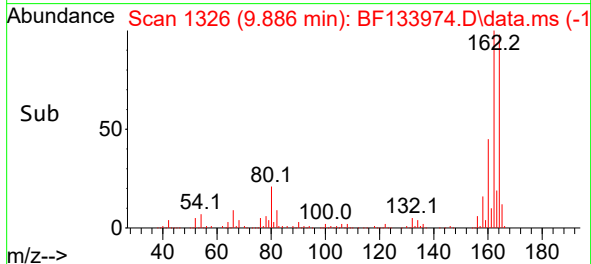
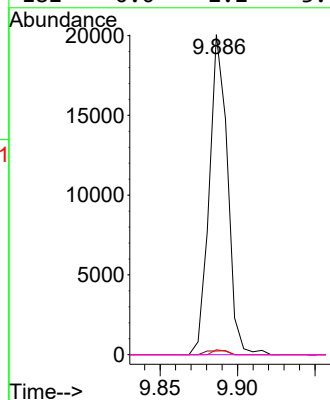
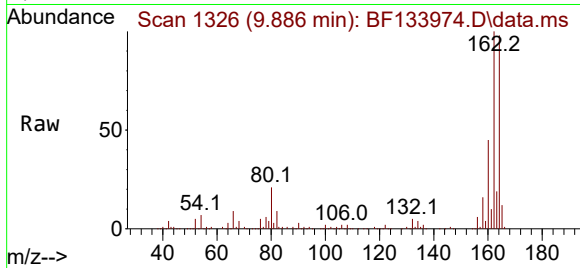




#57
2,4-Dinitrotoluene
Concen: 6.012 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

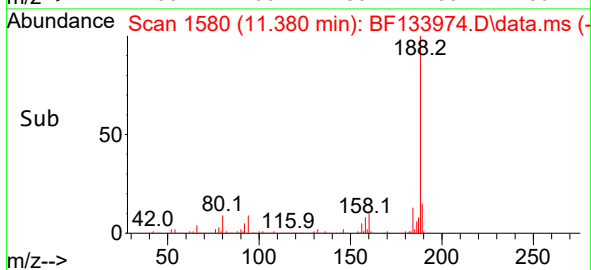
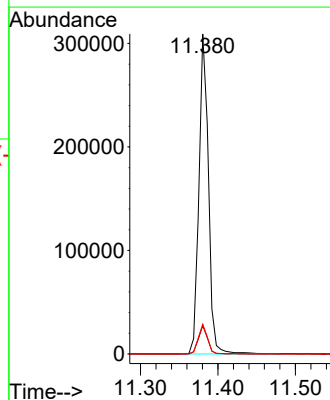
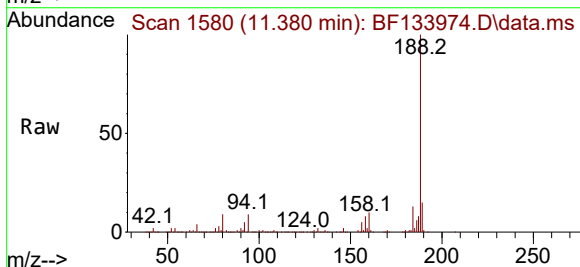
Instrument :
BNA_F
ClientSampleId :
WC-18

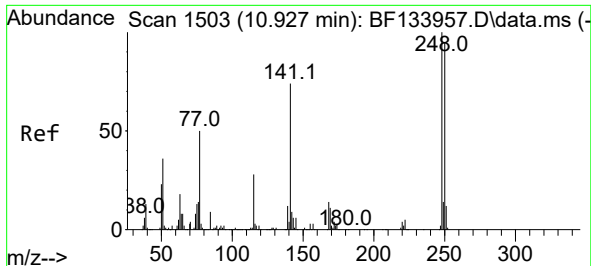
Tgt Ion:165 Resp: 16394
Ion Ratio Lower Upper
165 100
63 1.2 42.2 63.2#
89 1.5 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

Tgt Ion:188 Resp: 263115
Ion Ratio Lower Upper
188 100
94 8.8 6.4 9.6
80 9.4 7.3 10.9

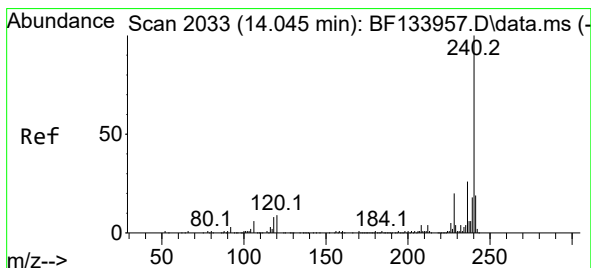
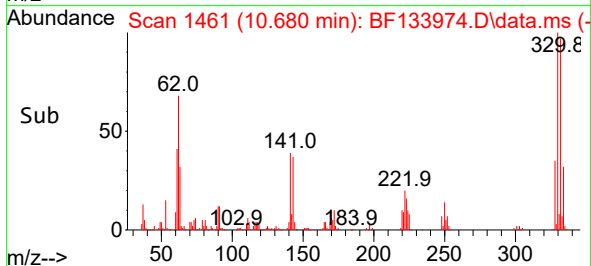
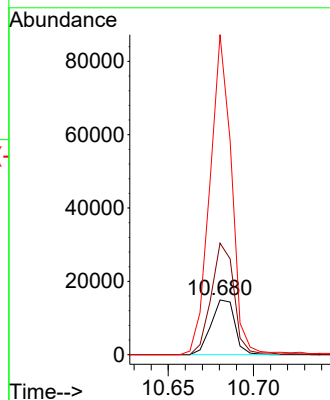
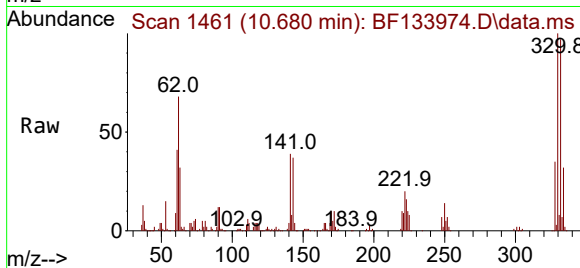




#67
4-Bromophenyl-phenylether
Concen: 5.172 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

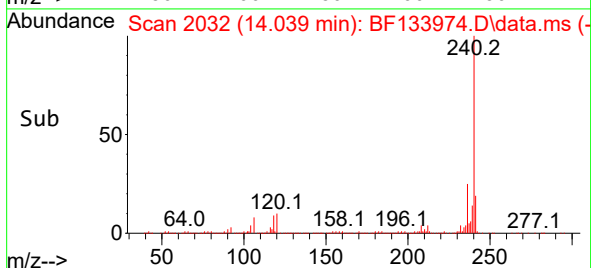
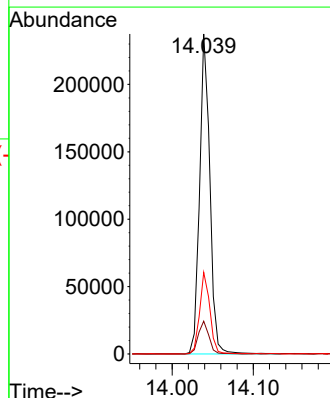
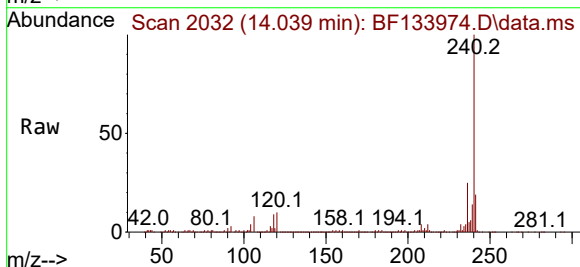
Instrument :
BNA_F
ClientSampleId :
WC-18

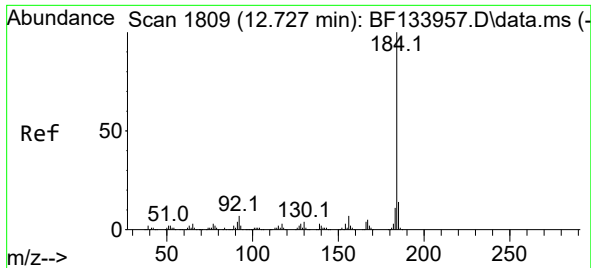
Tgt Ion:248 Resp: 14465
Ion Ratio Lower Upper
248 100
250 204.1 76.2 114.4#
141 585.2 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

Tgt Ion:240 Resp: 208585
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.0
236 25.5 21.0 31.6

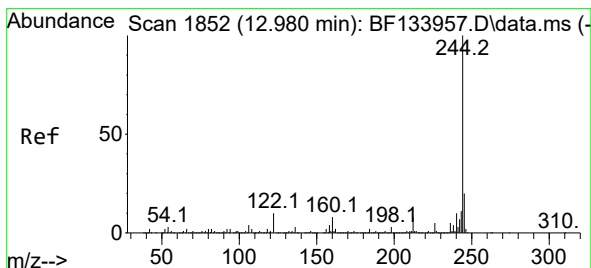
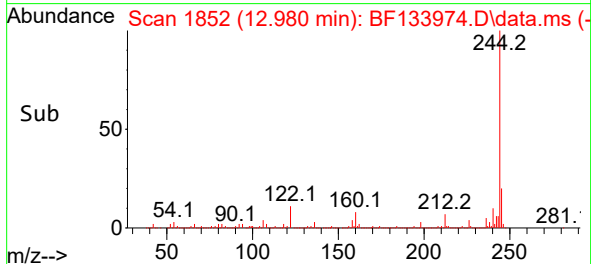
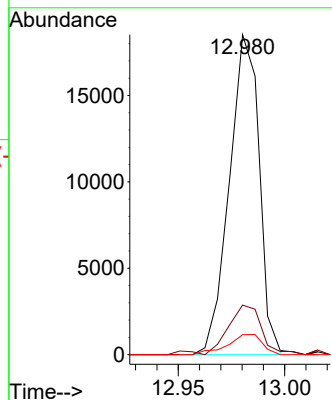
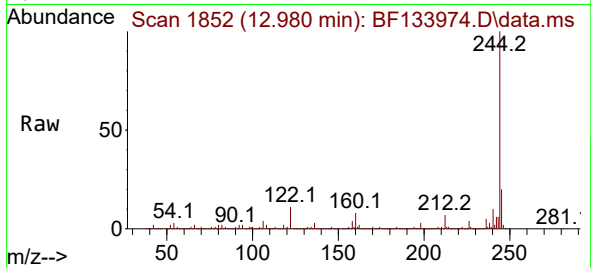




#77
Benzidine
Concen: 3.640 ng
RT: 12.980 min Scan# 1809
Delta R.T. 0.253 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

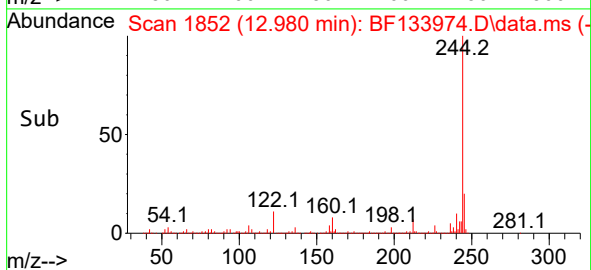
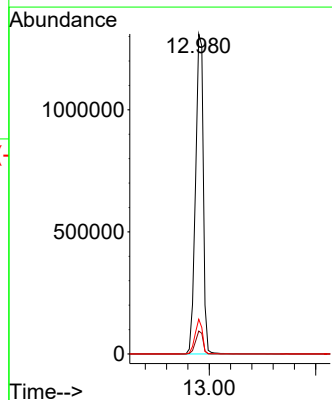
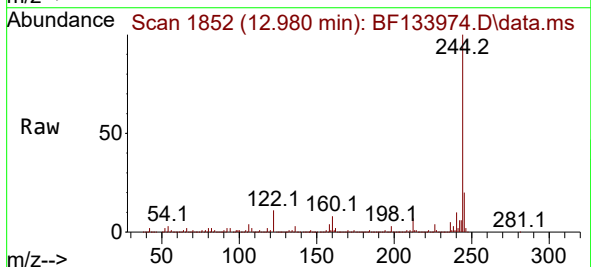
Instrument :
BNA_F
ClientSampleId :
WC-18

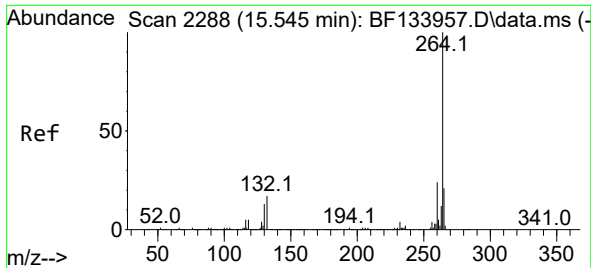
Tgt Ion:184 Resp: 18067
Ion Ratio Lower Upper
184 100
185 15.5 11.6 17.4
183 6.2 8.8 13.2#



#79
Terphenyl-d14
Concen: 101.911 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF133974.D
Acq: 27 Jun 2023 05:16

Tgt Ion:244 Resp: 1320800
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.8 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: BF133974.D
Acq: 27 Jun 2023 05:16

Instrument :
BNA_F
ClientSampleId :
WC-18

Tgt Ion:264 Resp: 146073
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.0 16.6 25.0

