

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133912.D
 Acq On : 22 Jun 2023 21:10
 Operator : CG\JU
 Sample : 03320-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-13

Quant Time: Jun 23 05:04:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

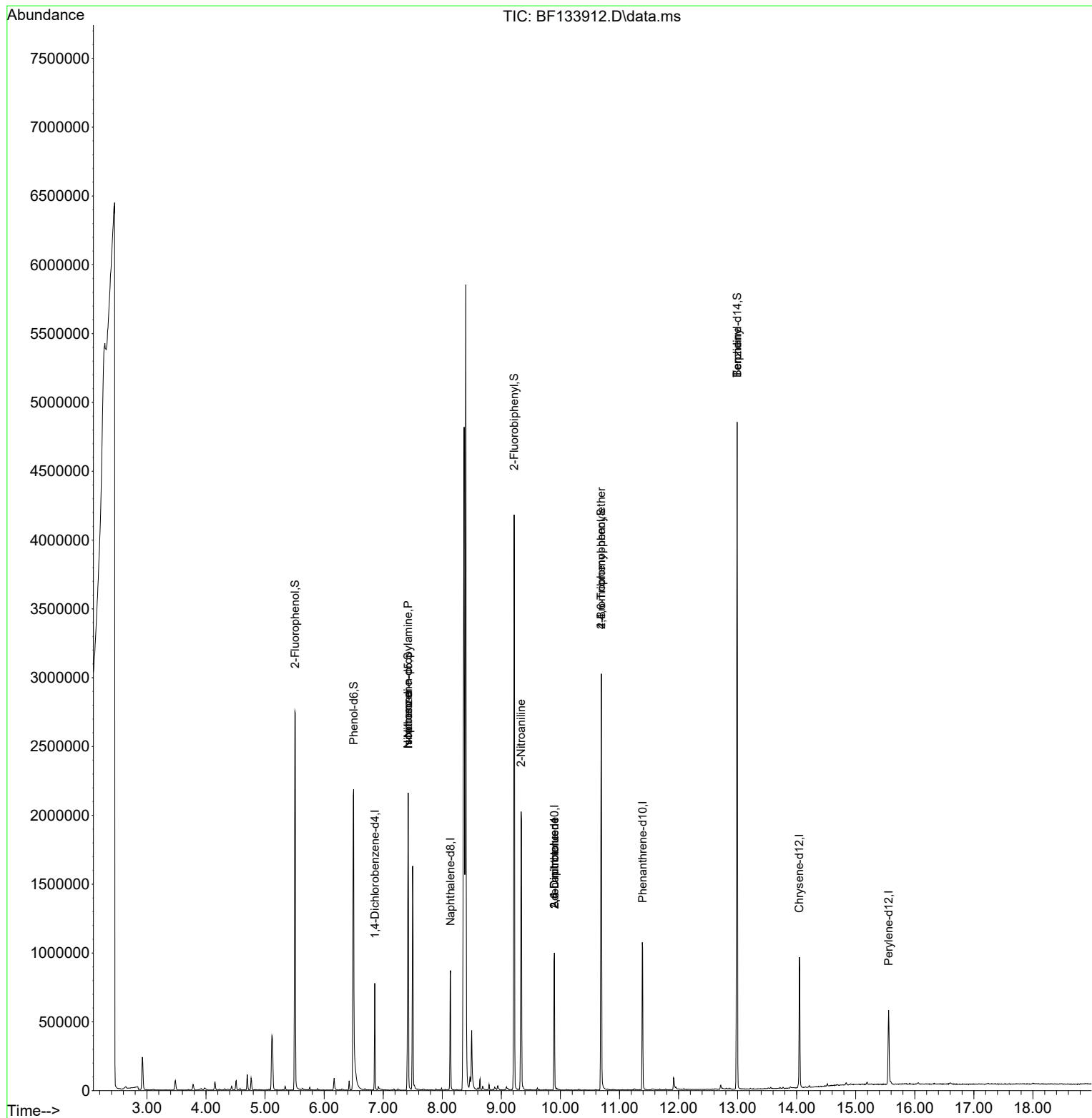
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	102221	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	396273	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	204083	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	423270	20.000	ng	0.00
76) Chrysene-d12	14.045	240	336761	20.000	ng	-0.01
86) Perylene-d12	15.557	264	264093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	790750	134.671	ng	0.02
7) Phenol-d6	6.498	99	948731	124.130	ng	0.00
23) Nitrobenzene-d5	7.422	82	708626	97.399	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	386478	149.605	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1296795	90.327	ng	0.00
79) Terphenyl-d14	12.992	244	1809922	83.162	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	99679	20.498	ng	# 80
25) Isophorone	7.422	82	705584	52.825	ng	# 65
48) 2-Nitroaniline	9.334	65	24264	5.619	ng	# 14
51) 2,6-Dinitrotoluene	9.898	165	26148	8.316	ng	# 29
57) 2,4-Dinitrotoluene	9.898	165	26148	6.539	ng	# 20
67) 4-Bromophenyl-phenylether	10.692	248	23674	5.011	ng	# 1
77) Benzidine	12.992	184	25832	2.286	ng	# 94

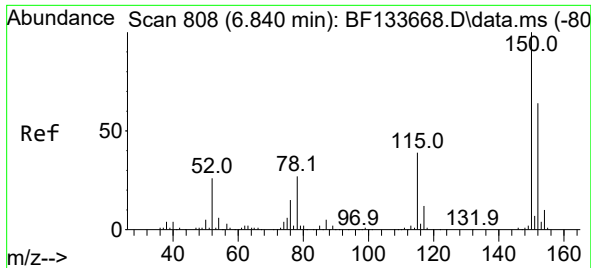
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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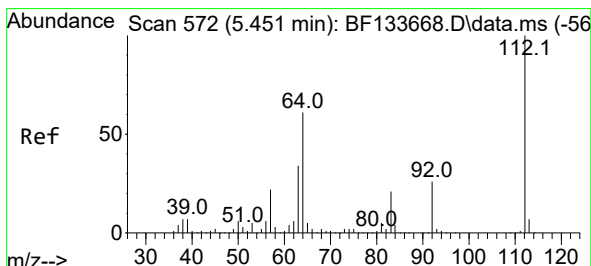
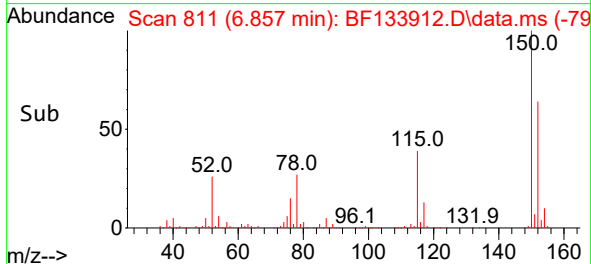
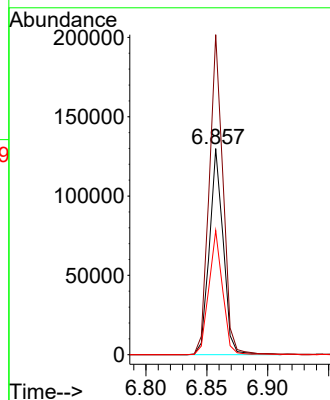
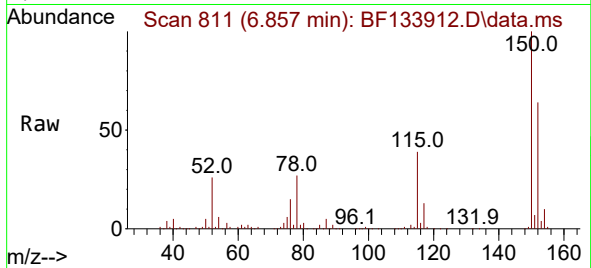




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

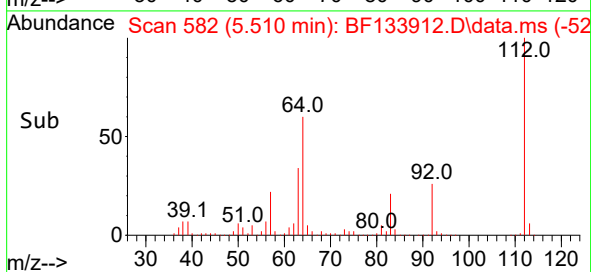
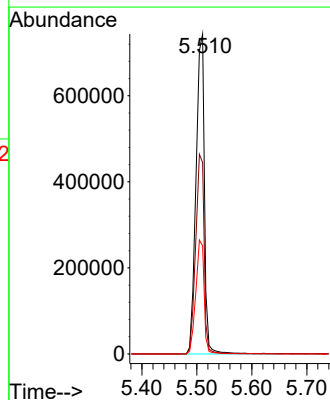
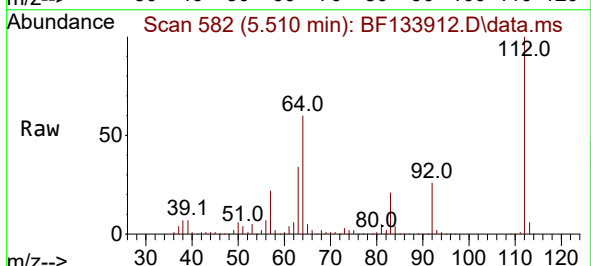
Instrument :
BNA_F
ClientSampleId :
WC-13

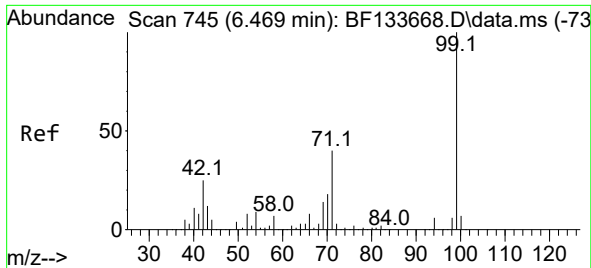
Tgt Ion:152 Resp: 102221
Ion Ratio Lower Upper
152 100
150 155.3 124.3 186.5
115 60.2 48.5 72.7



#5
2-Fluorophenol
Concen: 134.671 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

Tgt Ion:112 Resp: 790750
Ion Ratio Lower Upper
112 100
64 59.8 49.0 73.4
63 33.8 26.8 40.2

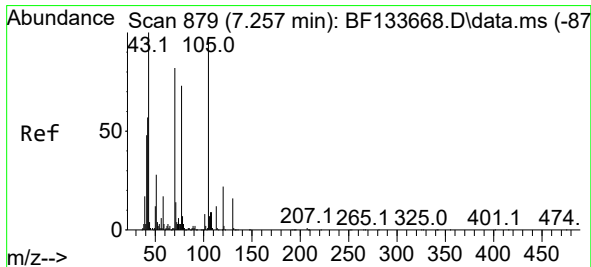
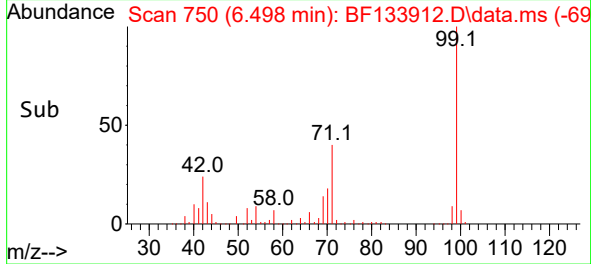
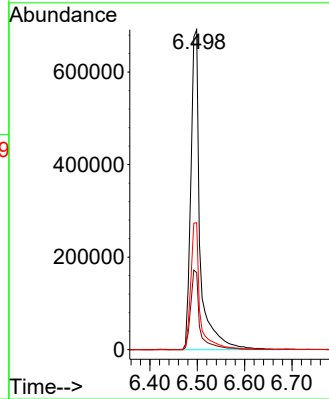
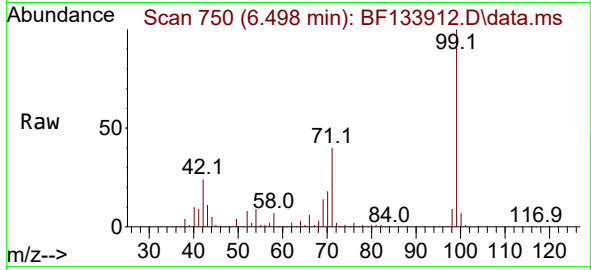




#7
Phenol-d6
Concen: 124.130 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

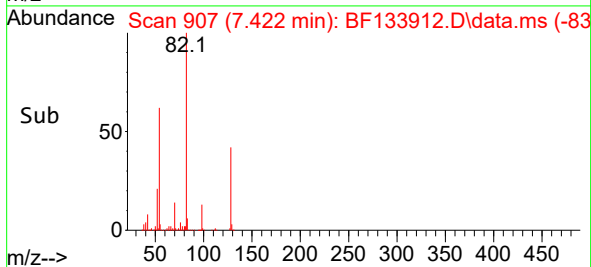
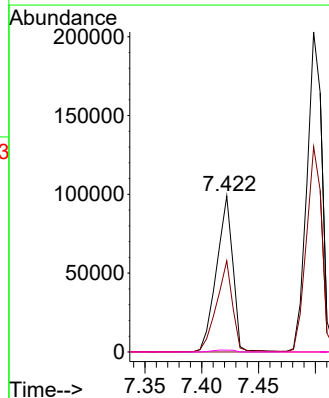
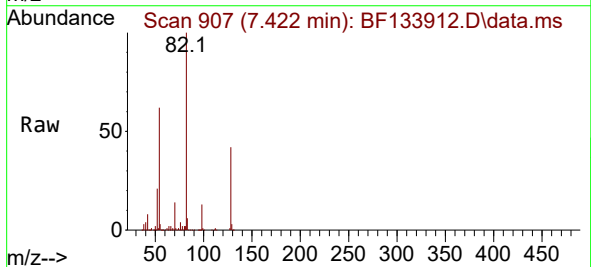
Instrument :
BNA_F
ClientSampleId :
WC-13

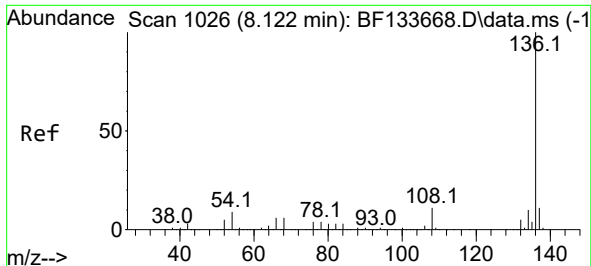
Tgt Ion: 99 Resp: 948731
Ion Ratio Lower Upper
99 100
42 24.1 19.9 29.9
71 39.6 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.498 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

Tgt Ion: 70 Resp: 99679
Ion Ratio Lower Upper
70 100
42 58.5 55.8 83.8
101 0.0 8.1 12.1#
130 1.2 15.7 23.5#

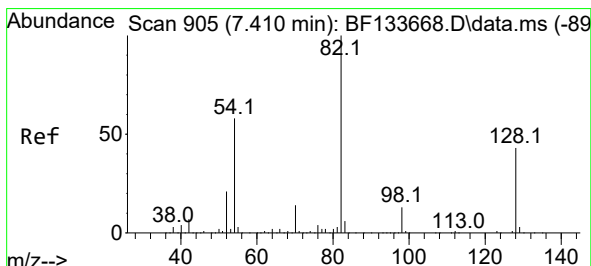
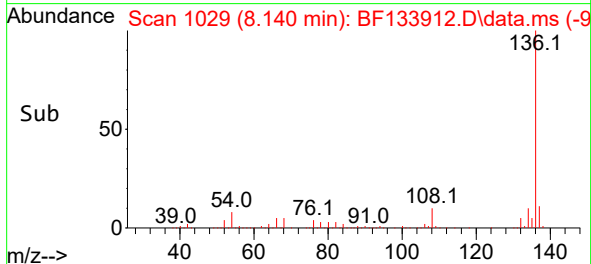
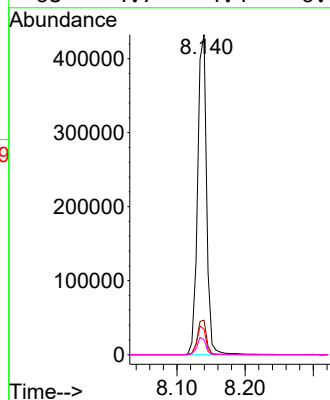
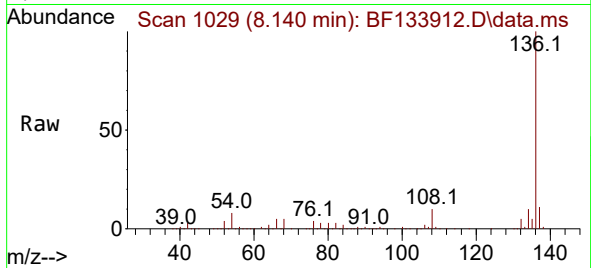




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

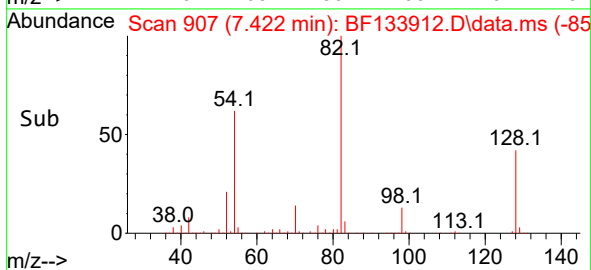
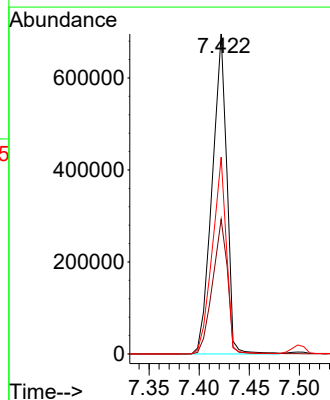
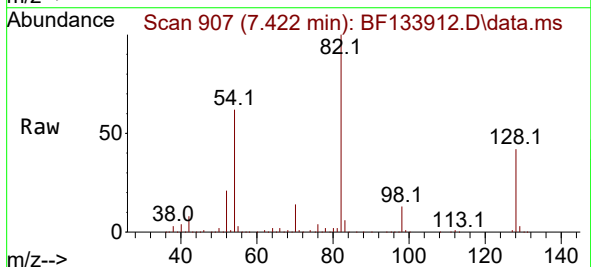
Instrument :
BNA_F
ClientSampleId :
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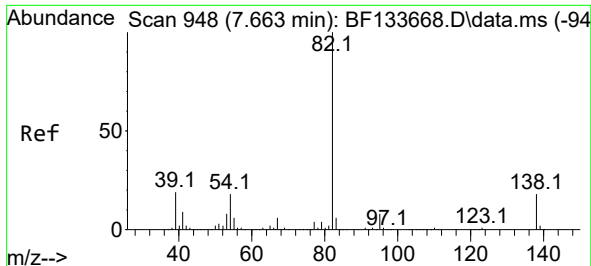
Tgt Ion:136 Resp: 396273
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 7.4 11.0
68 4.7 4.4 6.6



#23
Nitrobenzene-d5
Concen: 97.399 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

Tgt Ion: 82 Resp: 708626
Ion Ratio Lower Upper
82 100
128 42.1 34.2 51.2
54 61.5 46.5 69.7

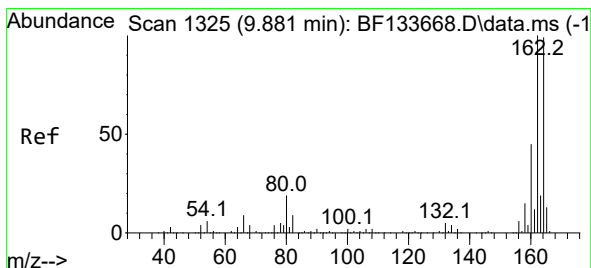
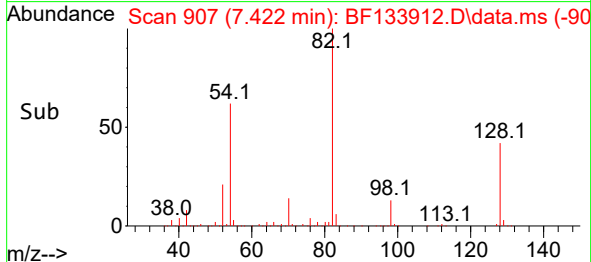
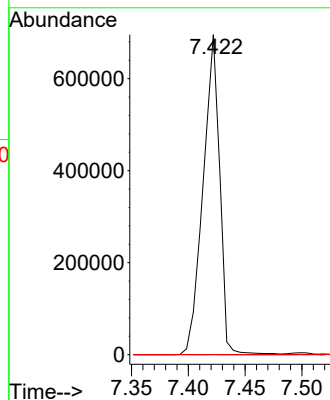
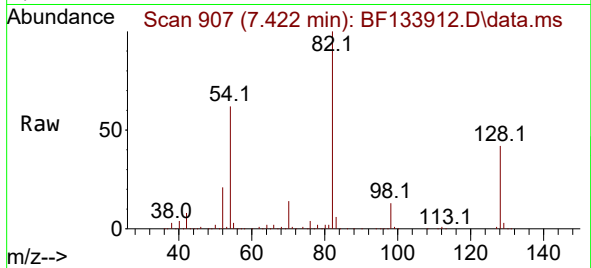




#25
Isophorone
Concen: 52.825 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

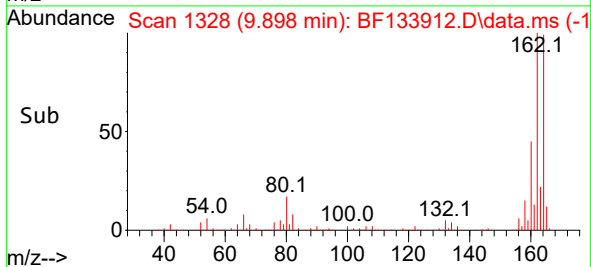
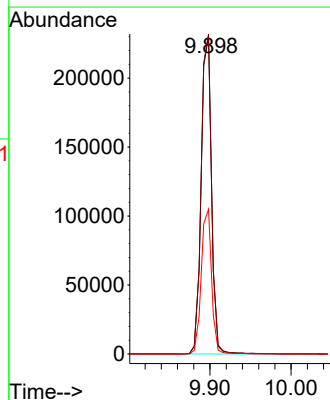
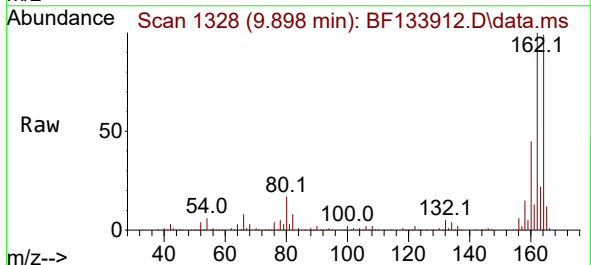
Instrument :
BNA_F
ClientSampleId :
WC-13

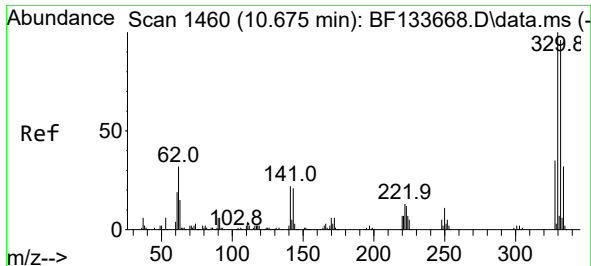
Tgt Ion: 82 Resp: 705584
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

Tgt Ion: 164 Resp: 204083
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 45.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 149.605 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133912.D

Acq: 22 Jun 2023 21:10

Instrument :

BNA_F

ClientSampleId :

WC-13

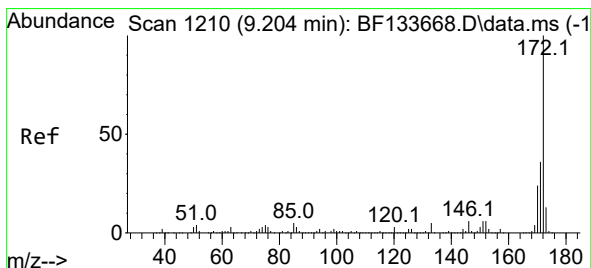
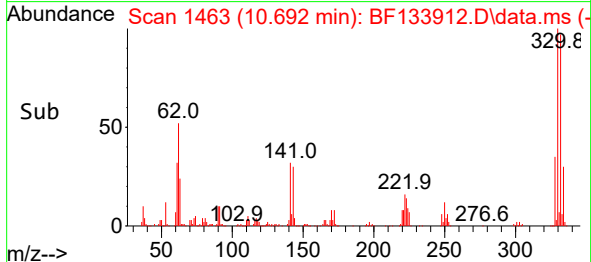
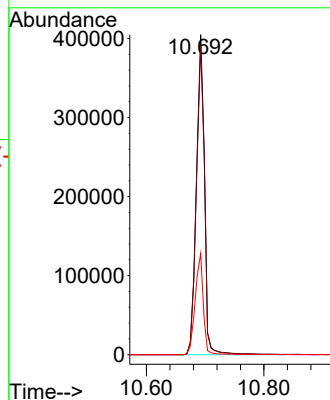
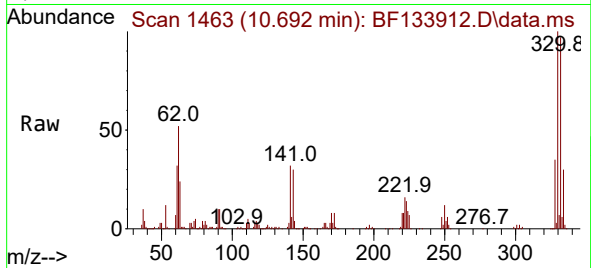
Tgt Ion:330 Resp: 386478

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 31.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 90.327 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133912.D

Acq: 22 Jun 2023 21:10

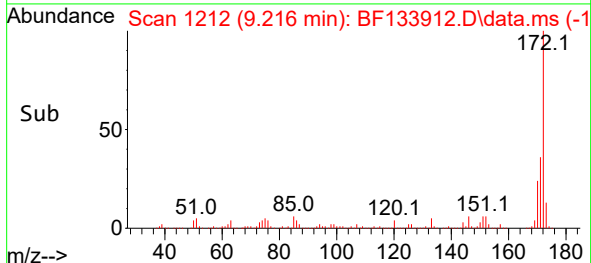
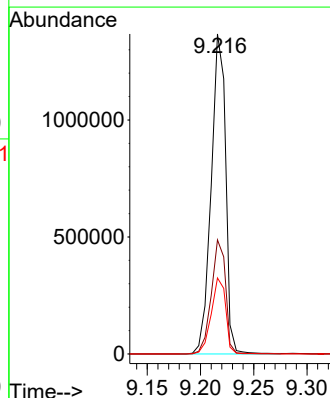
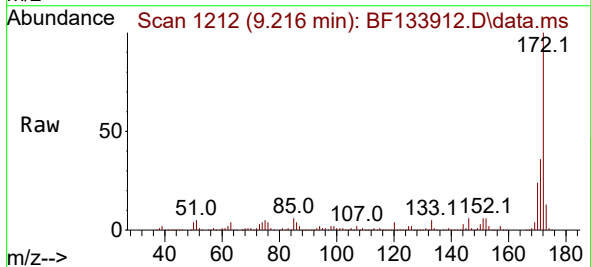
Tgt Ion:172 Resp: 1296795

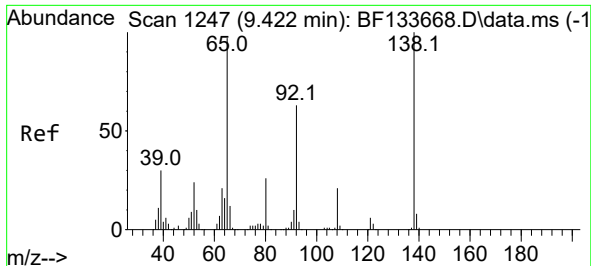
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.8 19.1 28.7

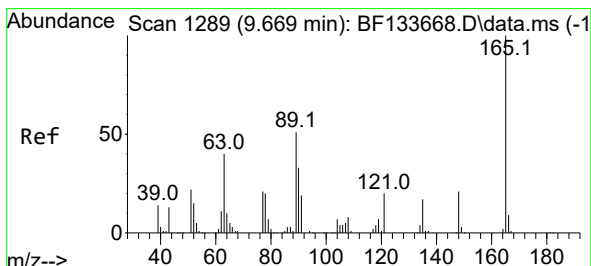
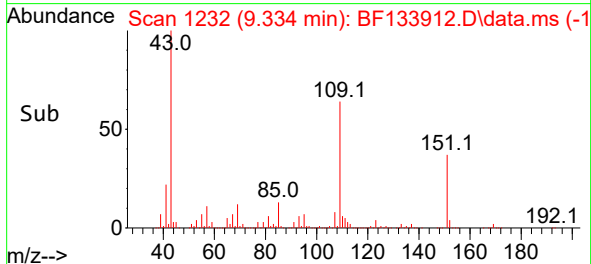
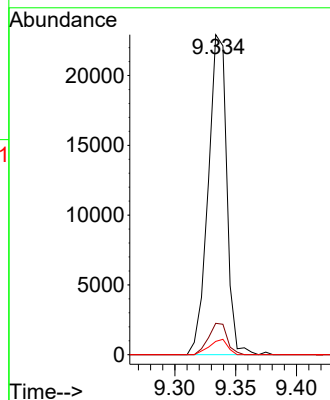
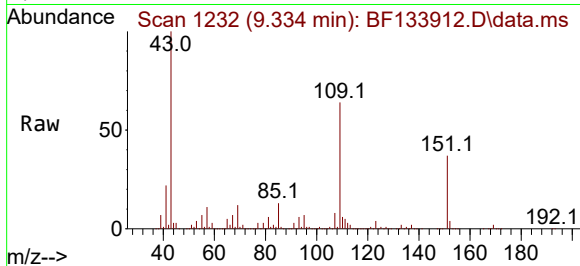




#48
2-Nitroaniline
Concen: 5.619 ng
RT: 9.334 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

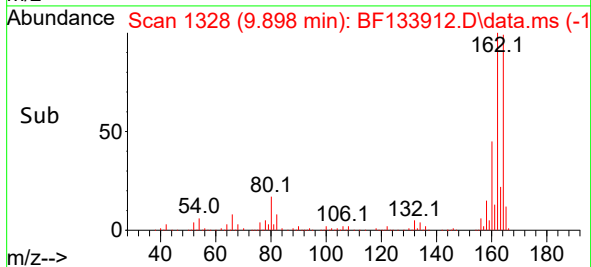
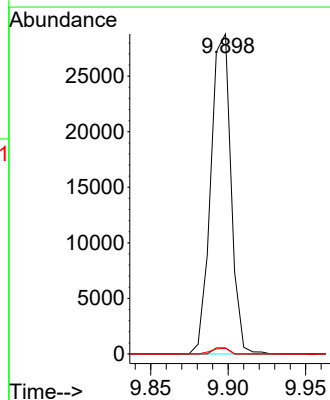
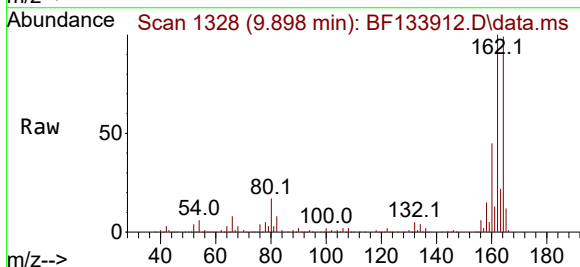
Instrument :
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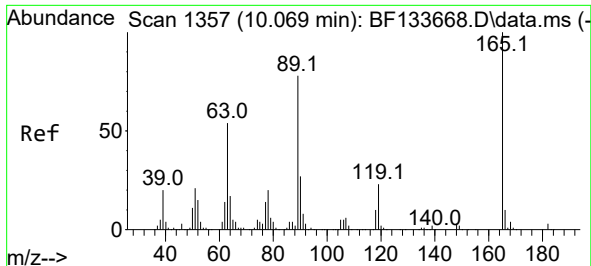
Tgt Ion: 65 Resp: 24264
Ion Ratio Lower Upper
65 100
92 9.8 51.8 77.6#
138 4.1 82.1 123.1#



#51
2,6-Dinitrotoluene
Concen: 8.316 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

Tgt Ion: 165 Resp: 26148
Ion Ratio Lower Upper
165 100
63 1.9 42.1 63.1#
89 1.8 40.9 61.3#

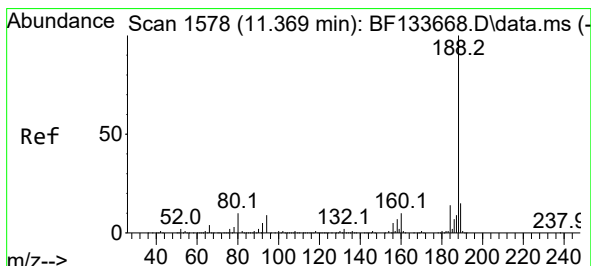
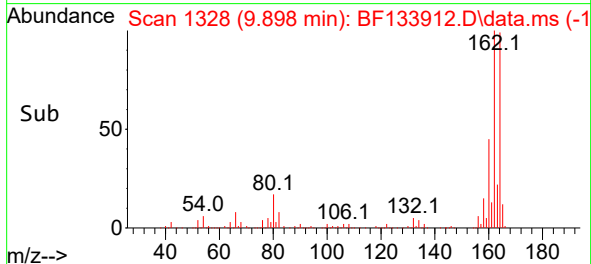
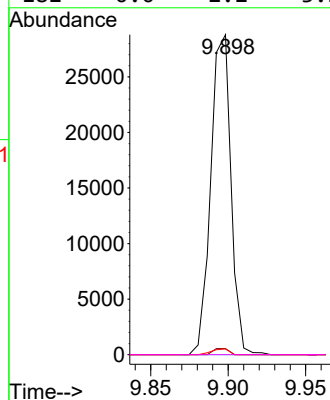
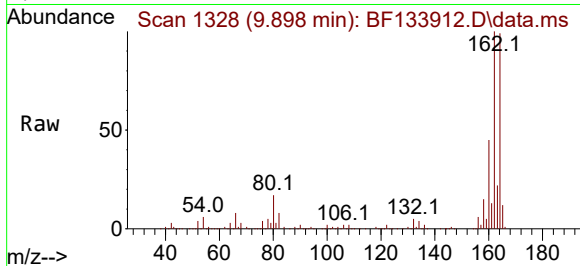




#57
2,4-Dinitrotoluene
Concen: 6.539 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

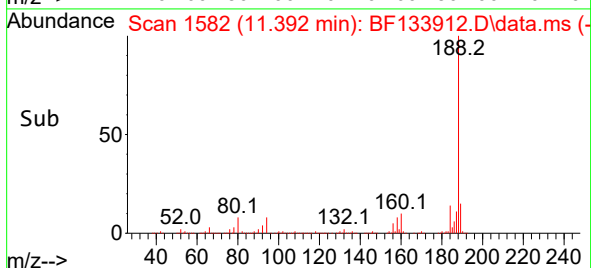
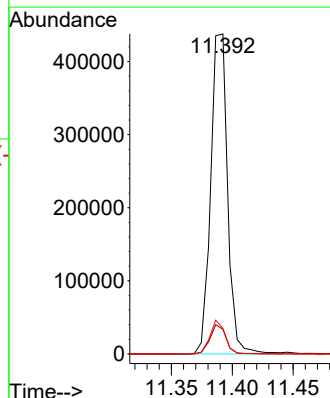
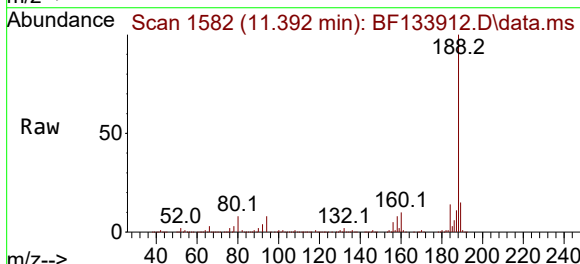
Instrument :
BNA_F
ClientSampleId :
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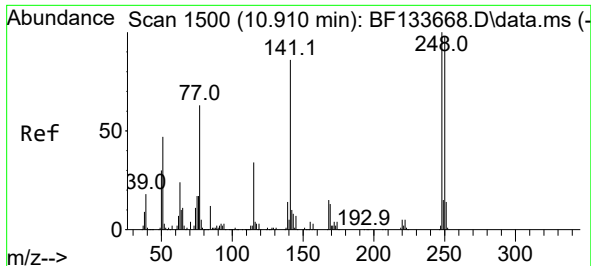
Tgt Ion:165 Resp: 26148
Ion Ratio Lower Upper
165 100
63 1.9 43.0 64.6#
89 1.8 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

Tgt Ion:188 Resp: 423270
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.0 7.8 11.6

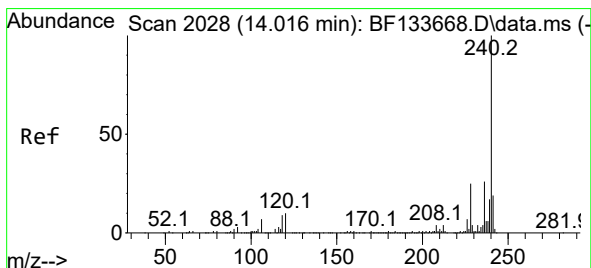
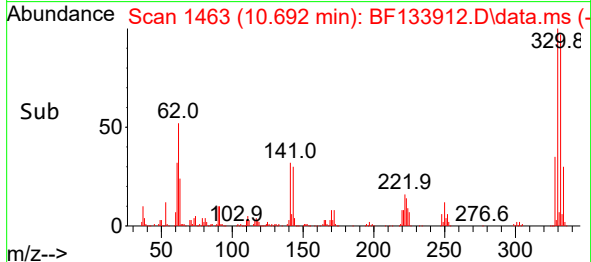
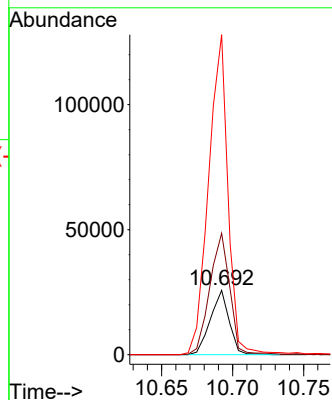
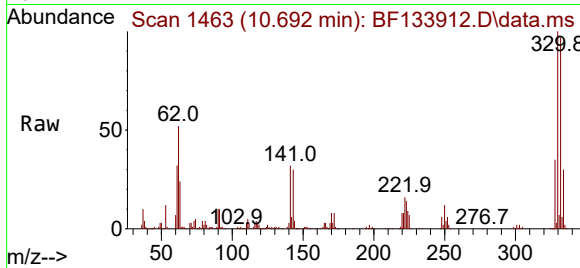




#67
4-Bromophenyl-phenylether
Concen: 5.011 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

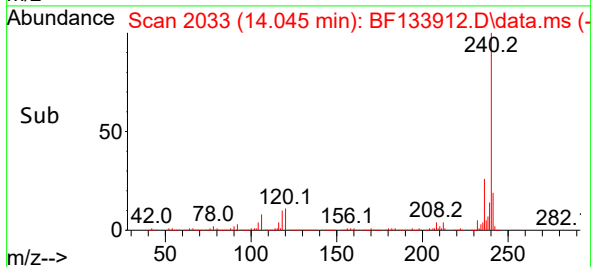
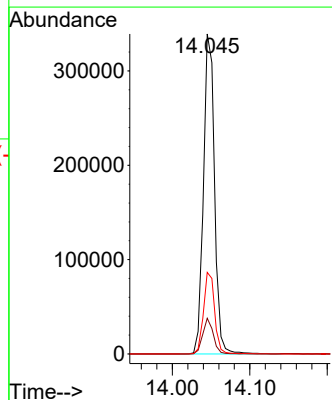
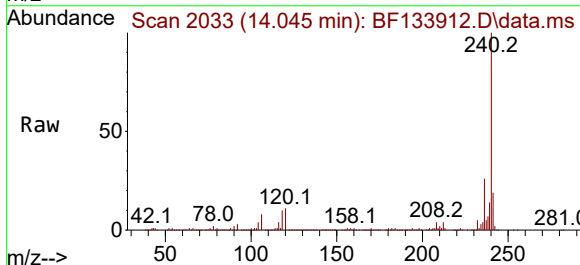
Instrument :
BNA_F
ClientSampleId :
WC-13

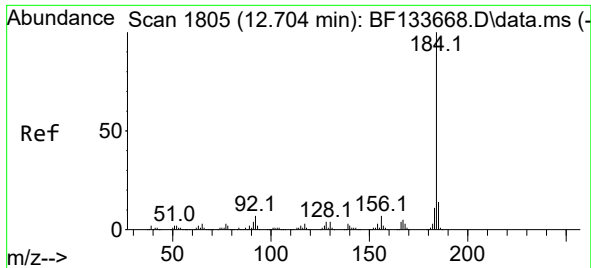
Tgt Ion:248 Resp: 23674
Ion Ratio Lower Upper
248 100
250 188.8 78.3 117.5#
141 497.1 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

Tgt Ion:240 Resp: 336761
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 25.5 20.5 30.7

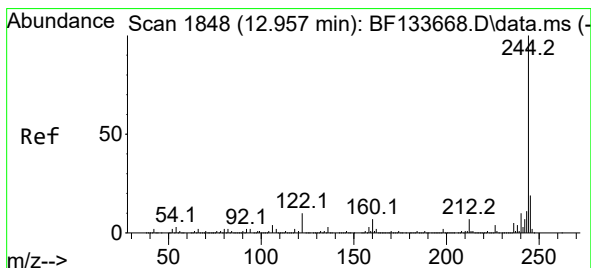
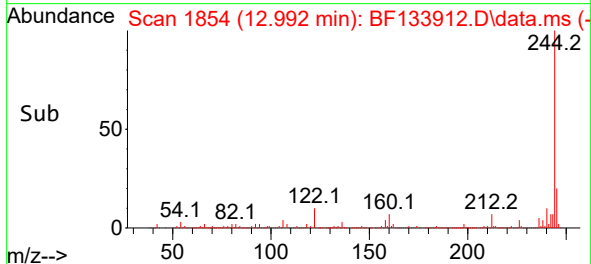
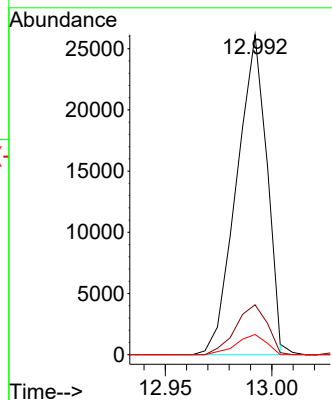
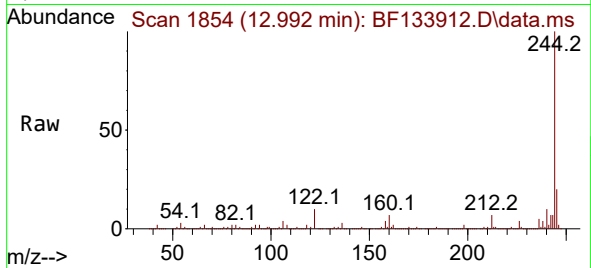




#77
Benzidine
Concen: 2.286 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

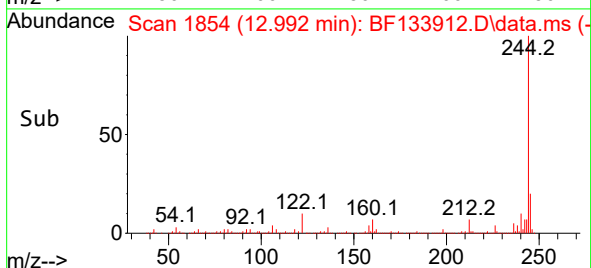
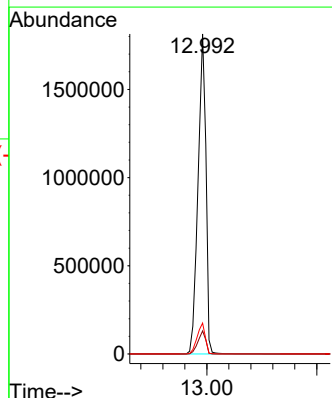
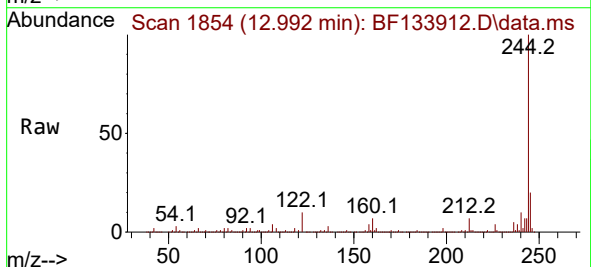
Instrument :
BNA_F
ClientSampleId :
WC-13

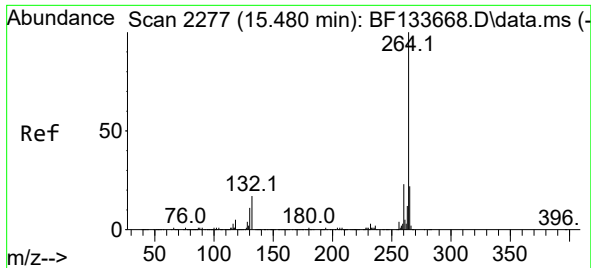
Tgt Ion:184 Resp: 25832
Ion Ratio Lower Upper
184 100
185 15.6 11.6 17.4
183 6.3 8.4 12.6#



#79
Terphenyl-d14
Concen: 83.162 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF133912.D
Acq: 22 Jun 2023 21:10

Tgt Ion:244 Resp: 1809922
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.7 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133912.D
 Acq: 22 Jun 2023 21:10

Instrument :
 BNA_F
 ClientSampleId :
 WC-13

Tgt Ion:264 Resp: 264093
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 21.5 17.8 26.6

