

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133916.D
 Acq On : 22 Jun 2023 23:20
 Operator : CG\JU
 Sample : 03321-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-25

Quant Time: Jun 23 05:05:37 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)

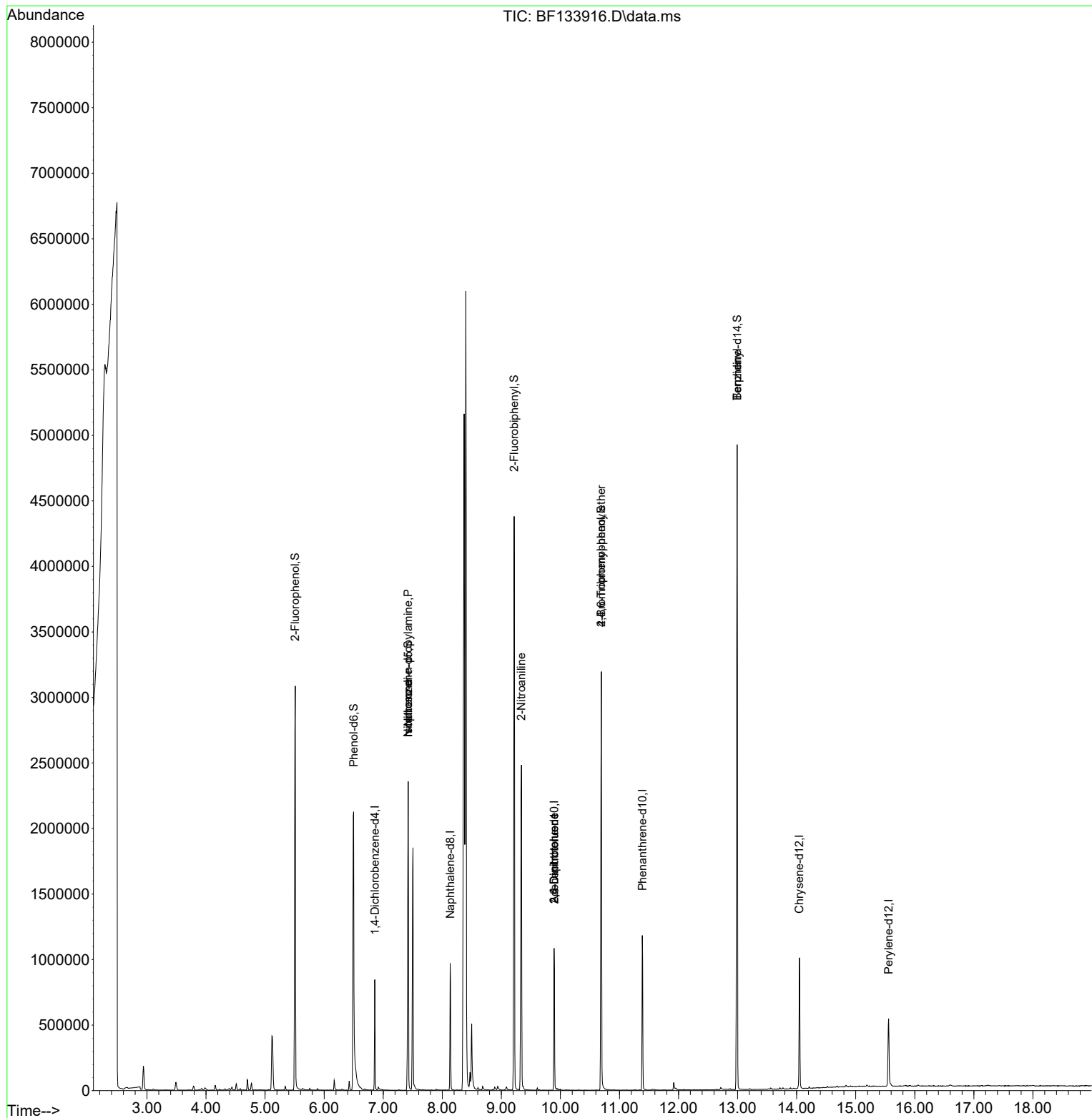
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	108712	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	415659	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	216010	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	448517	20.000	ng	0.00
76) Chrysene-d12	14.045	240	341394	20.000	ng	-0.01
86) Perylene-d12	15.557	264	259679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	839196	134.388	ng	0.02
7) Phenol-d6	6.498	99	994893	122.398	ng	0.00
23) Nitrobenzene-d5	7.422	82	759506	99.523	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	413073	151.071	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1383337	91.034	ng	0.00
79) Terphenyl-d14	12.992	244	1930782	87.511	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	106970	20.684	ng	# 78
25) Isophorone	7.422	82	759624	54.219	ng	# 65
48) 2-Nitroaniline	9.339	65	29258	6.402	ng	# 13
51) 2,6-Dinitrotoluene	9.892	165	27233	8.183	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	27233	6.434	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	25076	5.009	ng	# 1
77) Benzidine	12.992	184	27506	2.401	ng	# 95

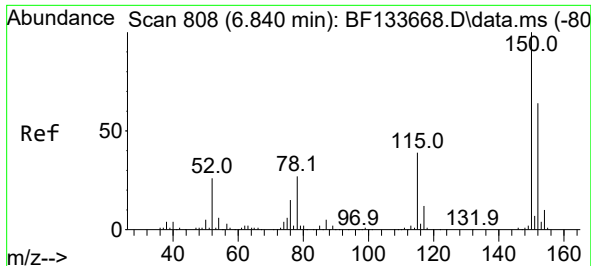
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133916.D
Acq On : 22 Jun 2023 23:20
Operator : CG\JU
Sample : 03321-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-25

Quant Time: Jun 23 05:05:37 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

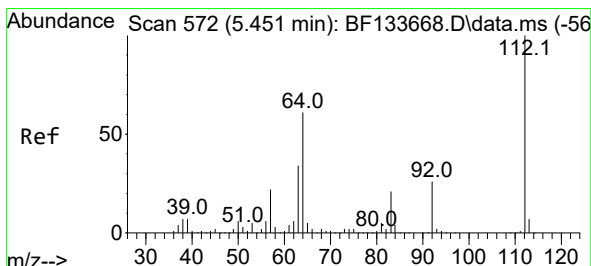
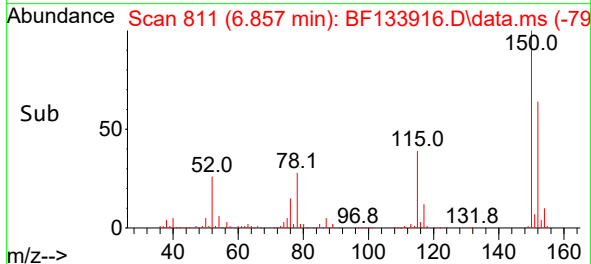
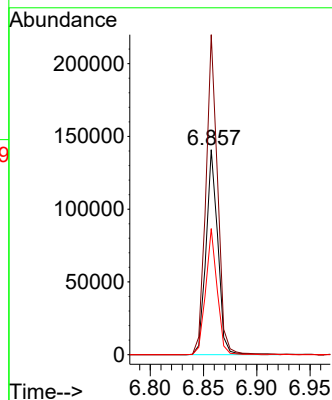
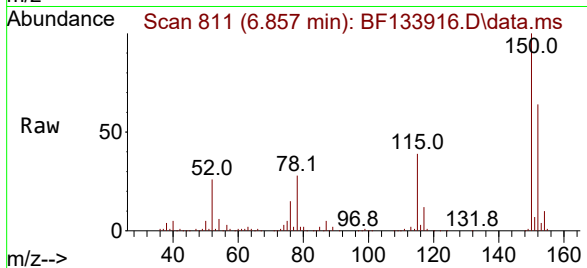




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

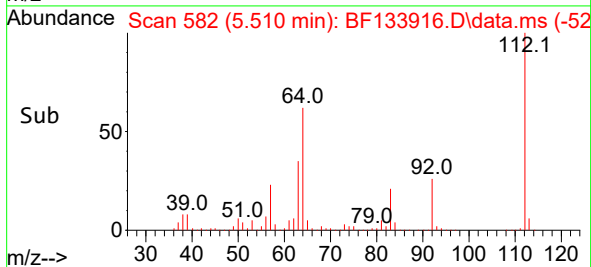
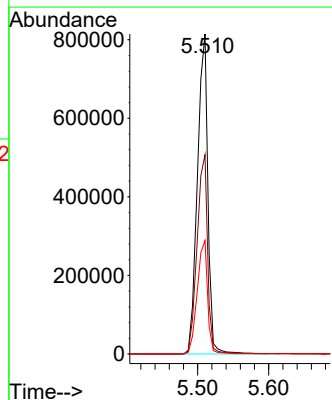
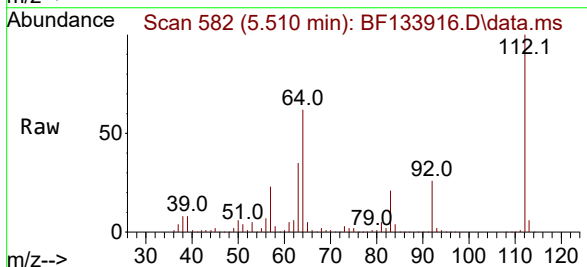
Instrument :
BNA_F
ClientSampleId :
WC-25

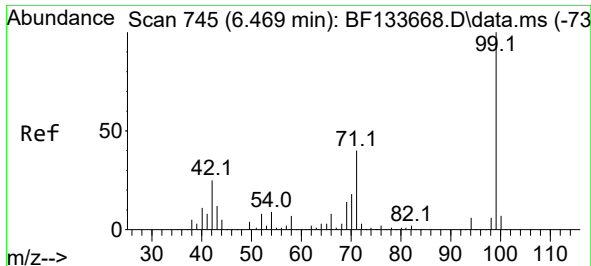
Tgt Ion:152 Resp: 108712
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 61.6 48.5 72.7



#5
2-Fluorophenol
Concen: 134.388 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

Tgt Ion:112 Resp: 839196
Ion Ratio Lower Upper
112 100
64 62.3 49.0 73.4
63 35.5 26.8 40.2

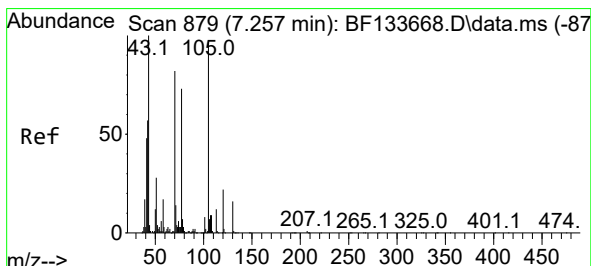
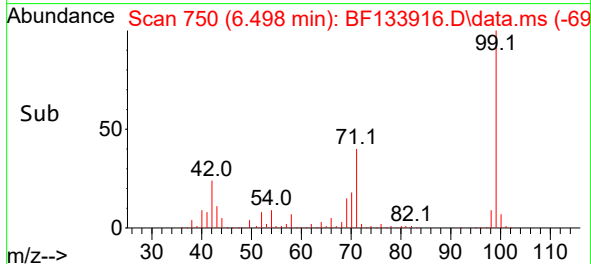
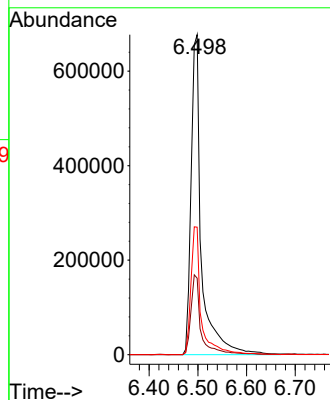
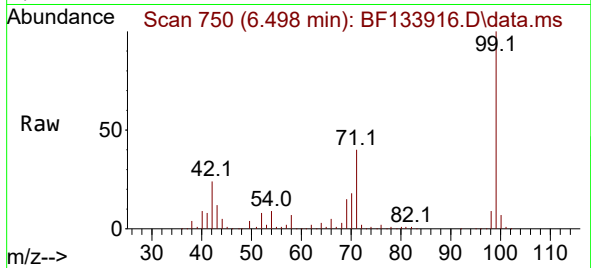




#7
Phenol-d6
Concen: 122.398 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

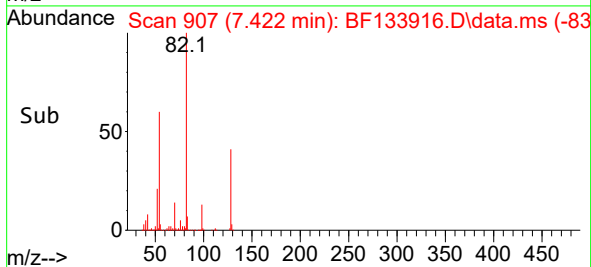
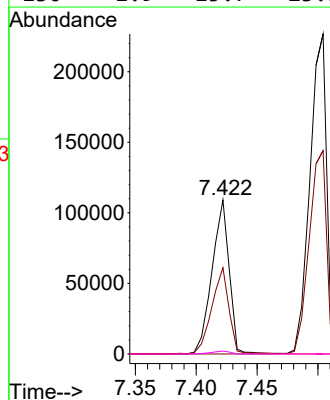
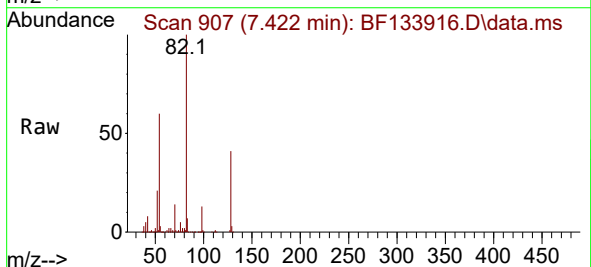
Instrument :
BNA_F
ClientSampleId :
WC-25

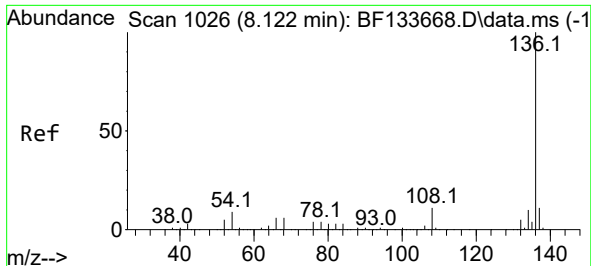
Tgt Ion: 99 Resp: 994893
Ion Ratio Lower Upper
99 100
42 23.9 19.9 29.9
71 39.8 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.684 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

Tgt Ion: 70 Resp: 106970
Ion Ratio Lower Upper
70 100
42 56.0 55.8 83.8
101 0.0 8.1 12.1#
130 1.9 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.134 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133916.D

Acq: 22 Jun 2023 23:20

Instrument :

BNA_F

ClientSampleId :

WC-25

Tgt Ion:136 Resp: 415659

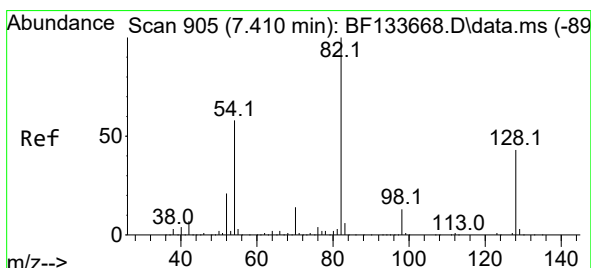
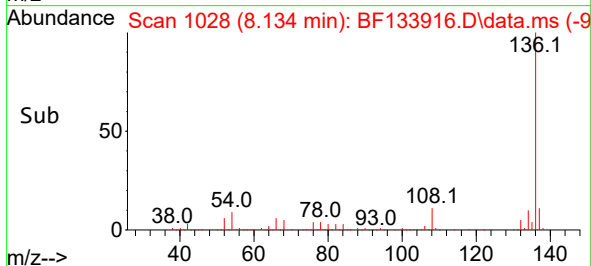
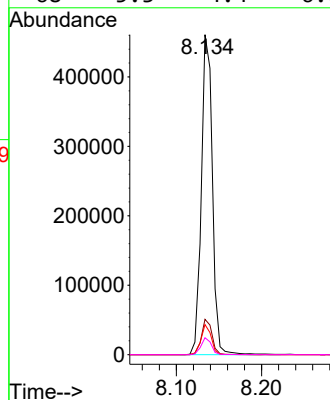
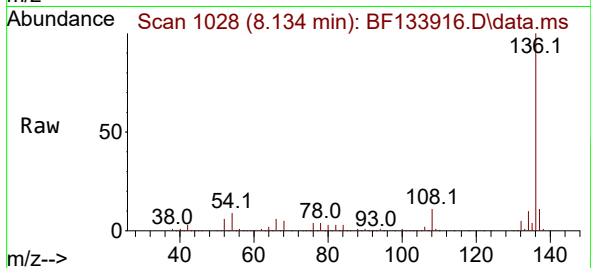
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.4 7.4 11.0

68 5.3 4.4 6.6



#23

Nitrobenzene-d5

Concen: 99.523 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF133916.D

Acq: 22 Jun 2023 23:20

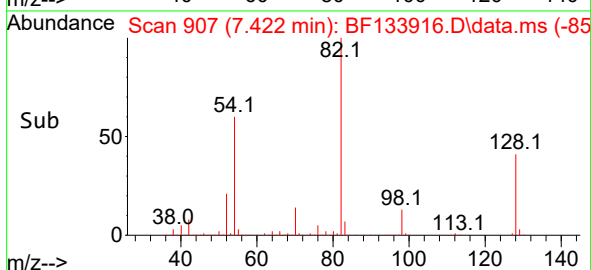
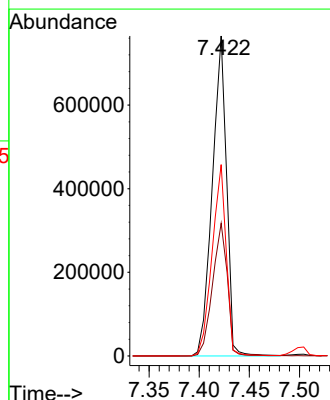
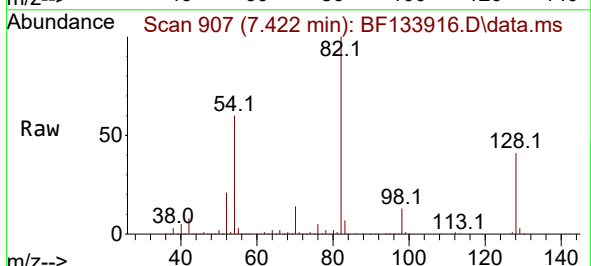
Tgt Ion: 82 Resp: 759506

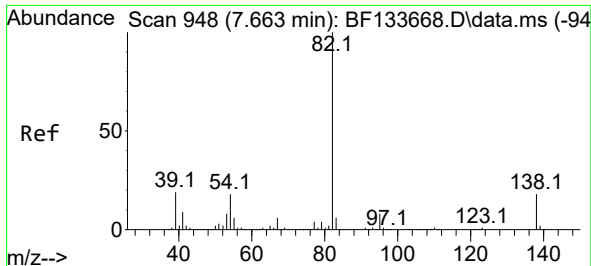
Ion Ratio Lower Upper

82 100

128 41.5 34.2 51.2

54 59.8 46.5 69.7

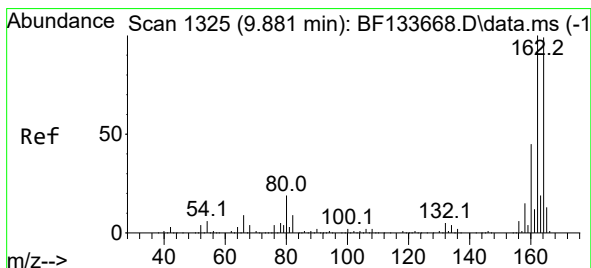
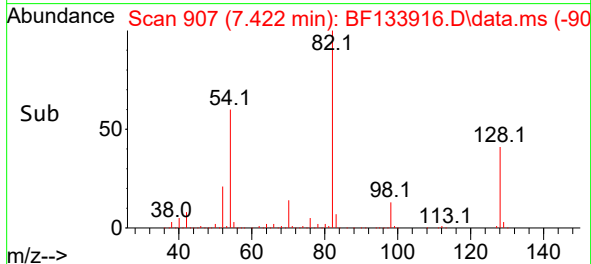
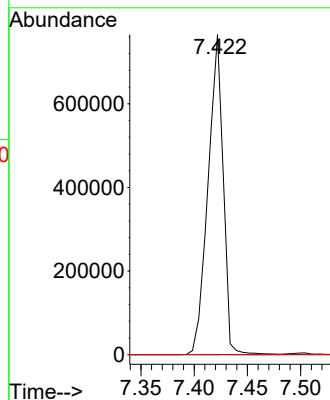
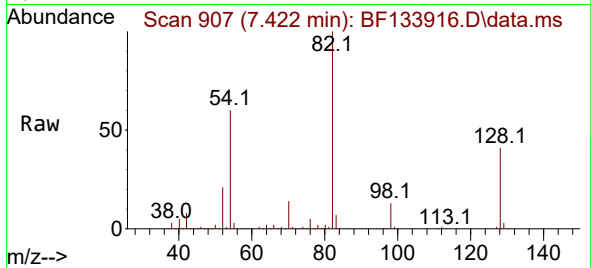




#25
Isophorone
Concen: 54.219 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

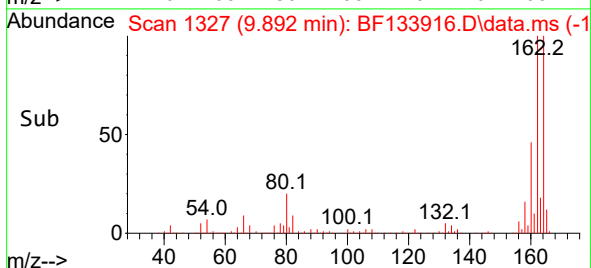
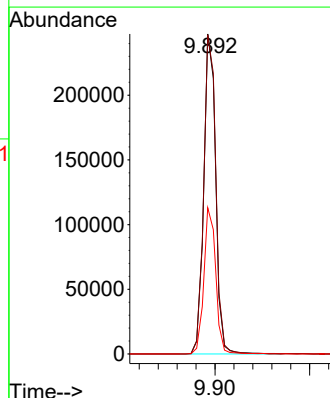
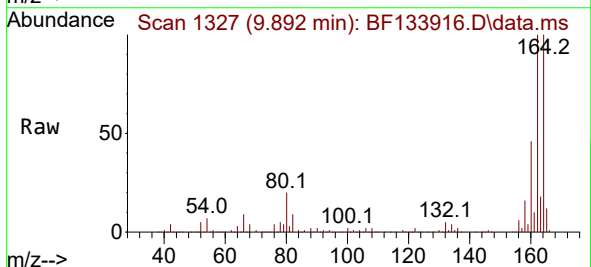
Instrument :
BNA_F
ClientSampleId :
WC-25

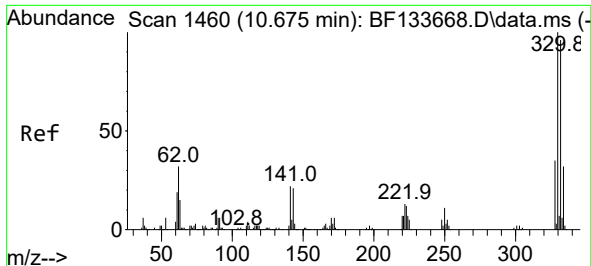
Tgt Ion: 82 Resp: 759624
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

Tgt Ion: 164 Resp: 216010
Ion Ratio Lower Upper
164 100
162 99.8 80.8 121.2
160 45.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 151.071 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133916.D

Acq: 22 Jun 2023 23:20

Instrument :

BNA_F

ClientSampleId :

WC-25

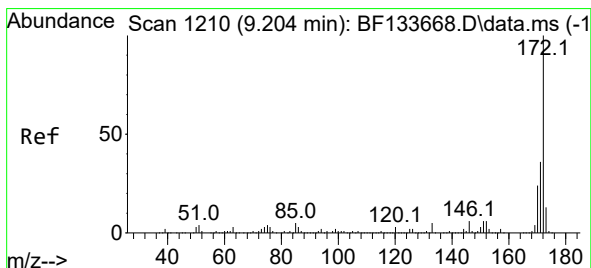
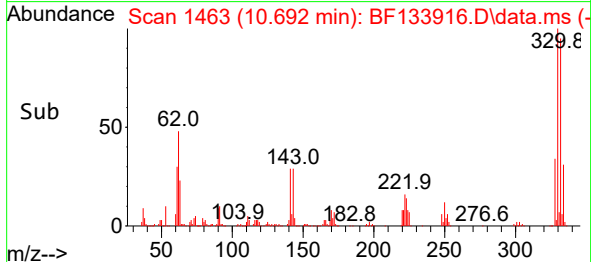
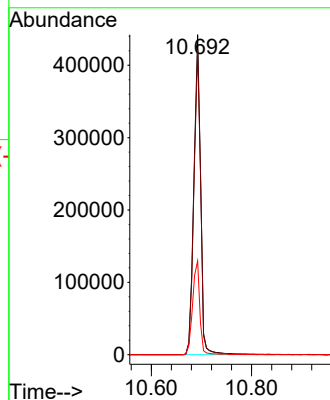
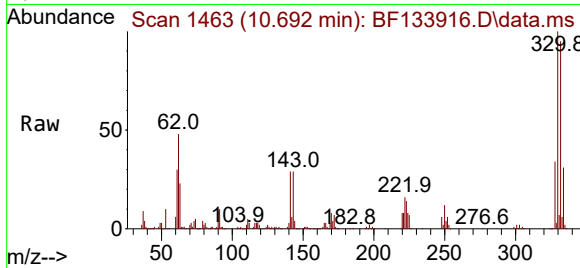
Tgt Ion:330 Resp: 413073

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 31.3 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 91.034 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133916.D

Acq: 22 Jun 2023 23:20

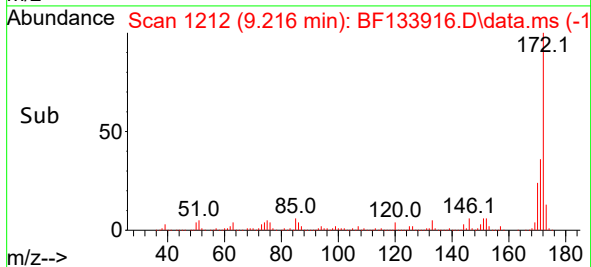
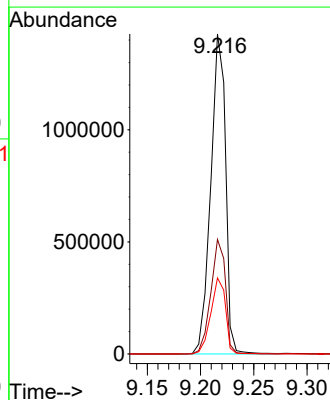
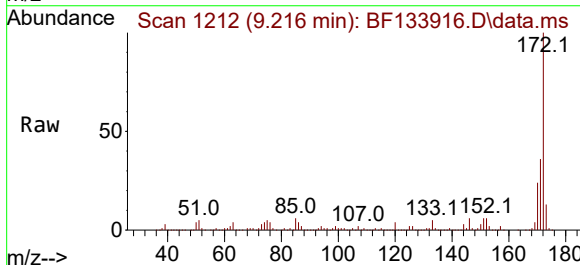
Tgt Ion:172 Resp: 1383337

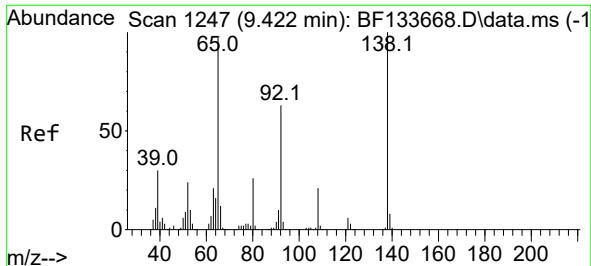
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.8 19.1 28.7

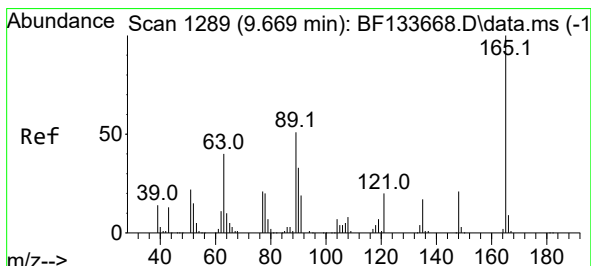
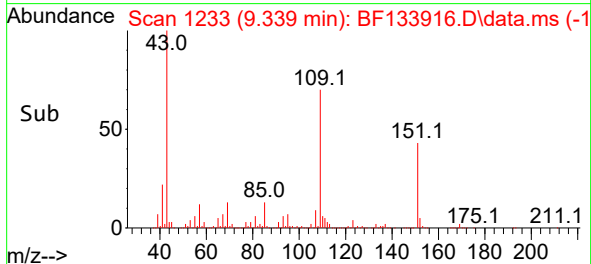
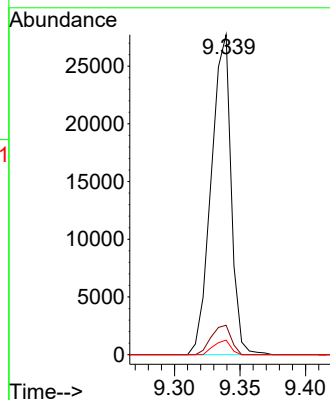
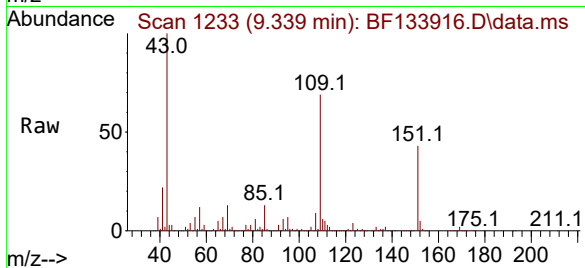




#48
2-Nitroaniline
Concen: 6.402 ng
RT: 9.339 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

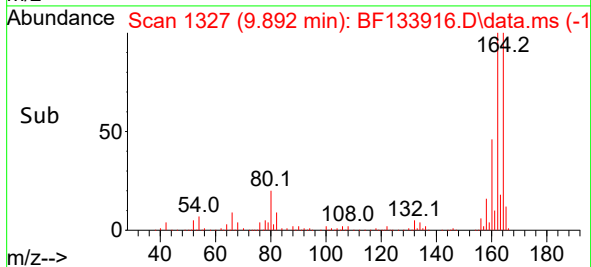
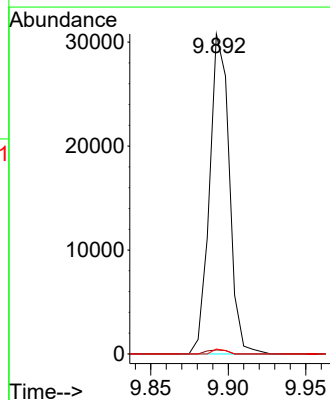
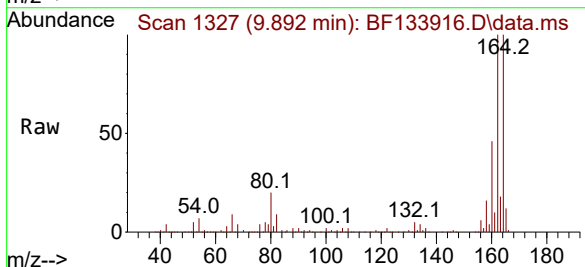
Instrument :
BNA_F
ClientSampleId :
WC-25

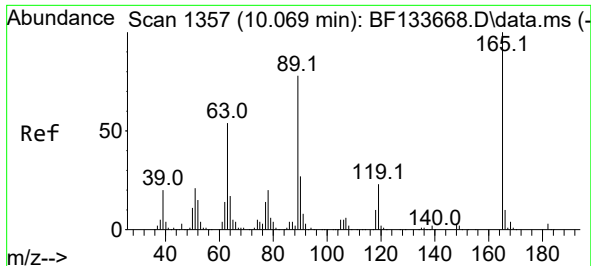
Tgt Ion: 65 Resp: 29258
Ion Ratio Lower Upper
65 100
92 9.2 51.8 77.6#
138 4.6 82.1 123.1#



#51
2,6-Dinitrotoluene
Concen: 8.183 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

Tgt Ion: 165 Resp: 27233
Ion Ratio Lower Upper
165 100
63 1.2 42.1 63.1#
89 1.6 40.9 61.3#

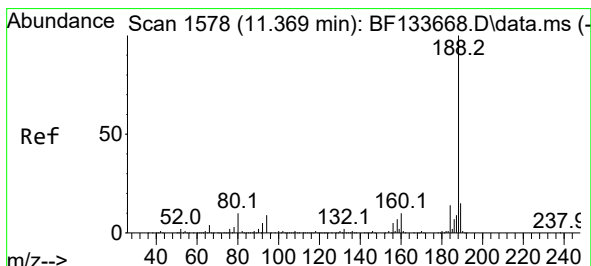
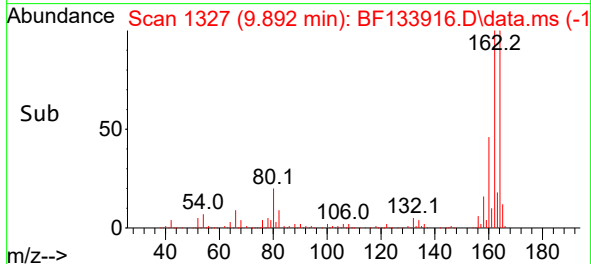
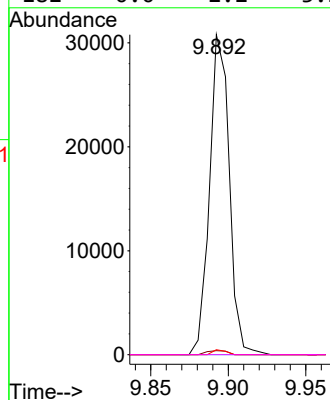
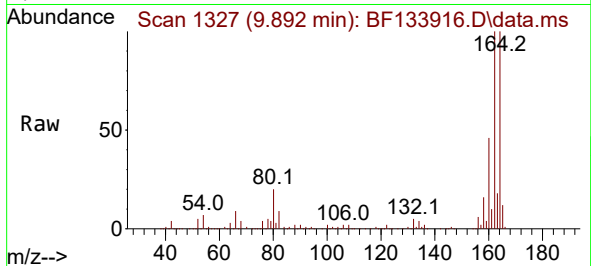




#57
2,4-Dinitrotoluene
Concen: 6.434 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

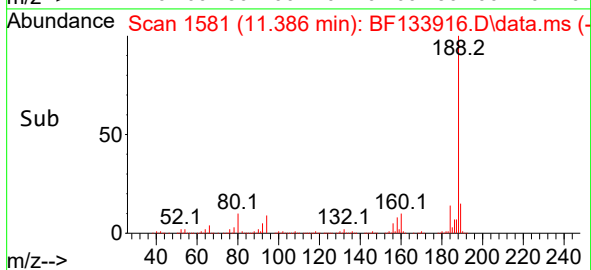
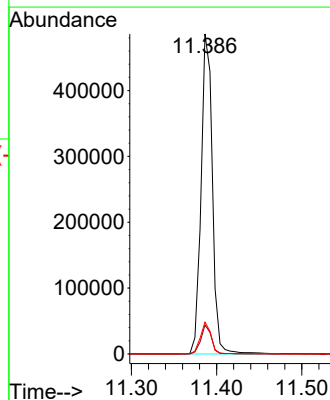
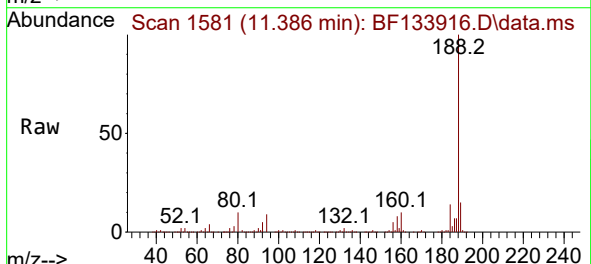
Instrument :
BNA_F
ClientSampleId :
WC-25

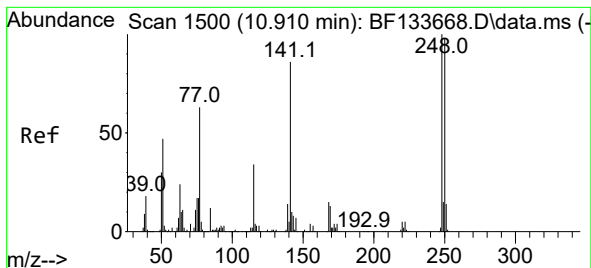
Tgt Ion:165 Resp: 27233
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.6 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

Tgt Ion:188 Resp: 448517
Ion Ratio Lower Upper
188 100
94 9.0 6.8 10.2
80 10.0 7.8 11.6

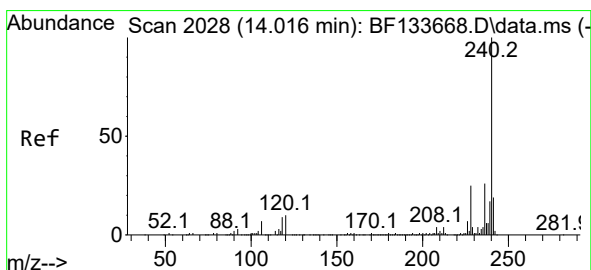
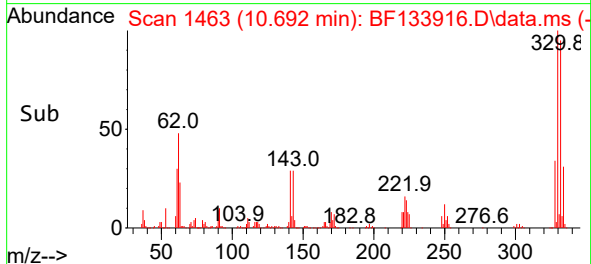
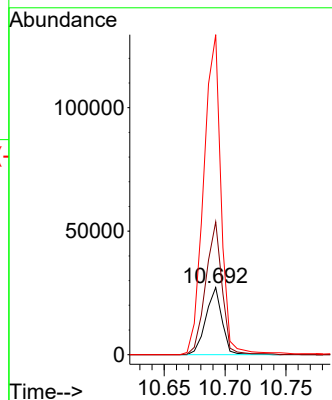
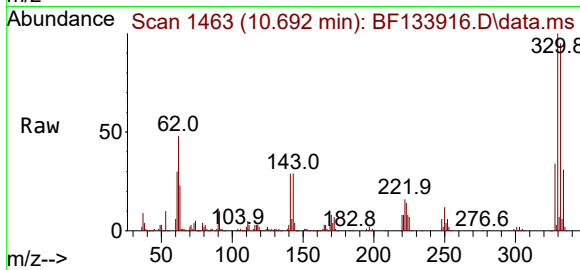




#67
4-Bromophenyl-phenylether
Concen: 5.009 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

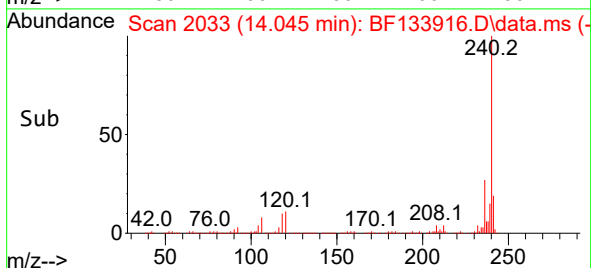
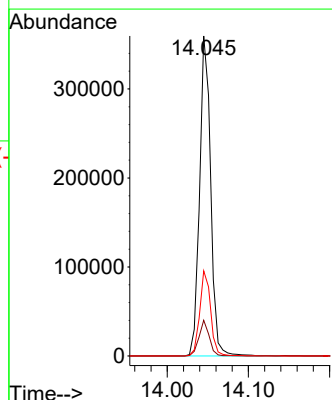
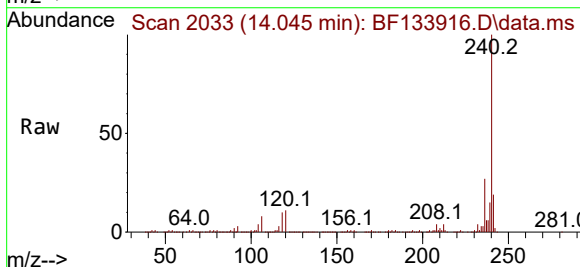
Instrument :
BNA_F
ClientSampleId :
WC-25

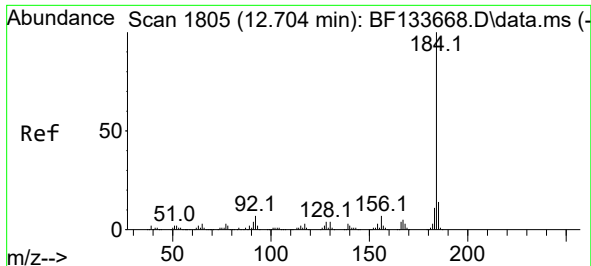
Tgt Ion:248 Resp: 25076
Ion Ratio Lower Upper
248 100
250 197.9 78.3 117.5#
141 476.6 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

Tgt Ion:240 Resp: 341394
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.6 20.5 30.7

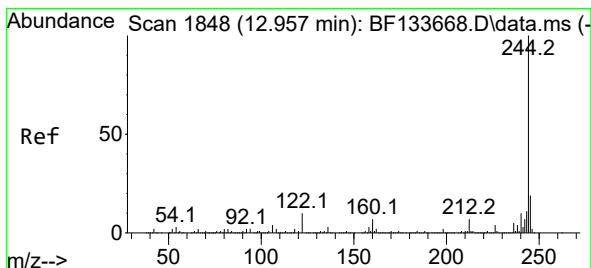
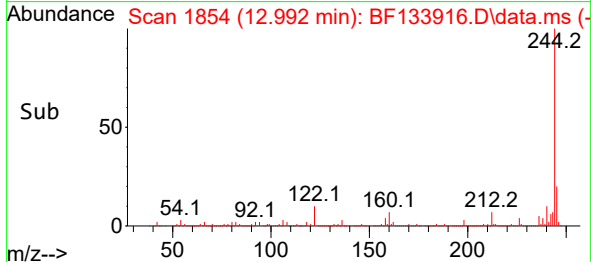
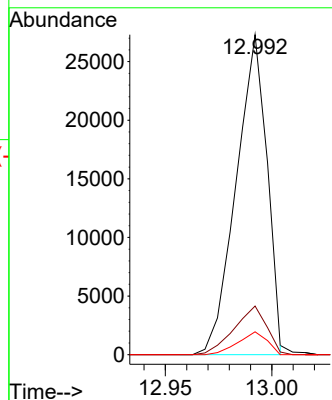
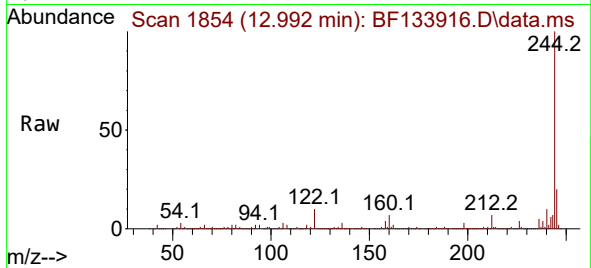




#77
Benzidine
Concen: 2.401 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

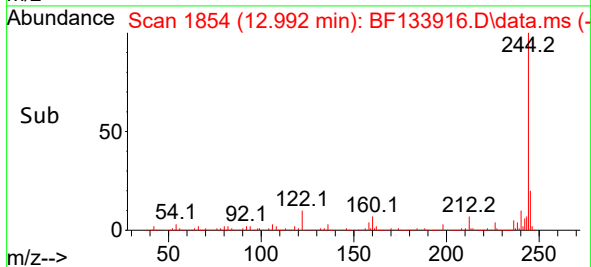
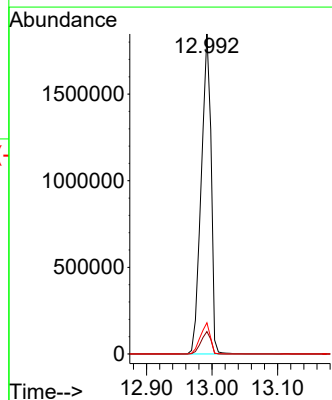
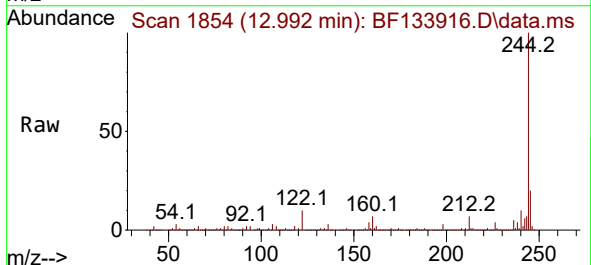
Instrument :
BNA_F
ClientSampleId :
WC-25

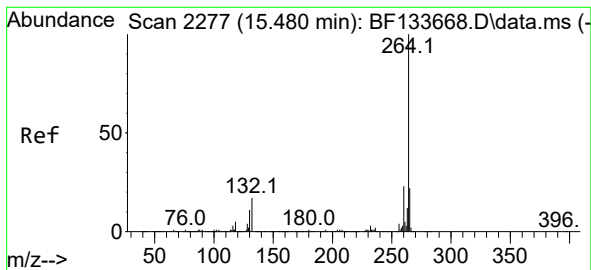
Tgt Ion:184 Resp: 27506
Ion Ratio Lower Upper
184 100
185 15.2 11.6 17.4
183 7.2 8.4 12.6#



#79
Terphenyl-d14
Concen: 87.511 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF133916.D
Acq: 22 Jun 2023 23:20

Tgt Ion:244 Resp: 1930782
Ion Ratio Lower Upper
244 100
212 7.0 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: BF133916.D
 Acq: 22 Jun 2023 23:20

Instrument :
 BNA_F
 ClientSampleId :
 WC-25

Tgt Ion:264 Resp: 259679
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.2 27.2
 265 20.9 17.8 26.6

