

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133915.D
 Acq On : 22 Jun 2023 22:48
 Operator : CG\JU
 Sample : 03320-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A

Quant Time: Jun 23 05:05:24 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)

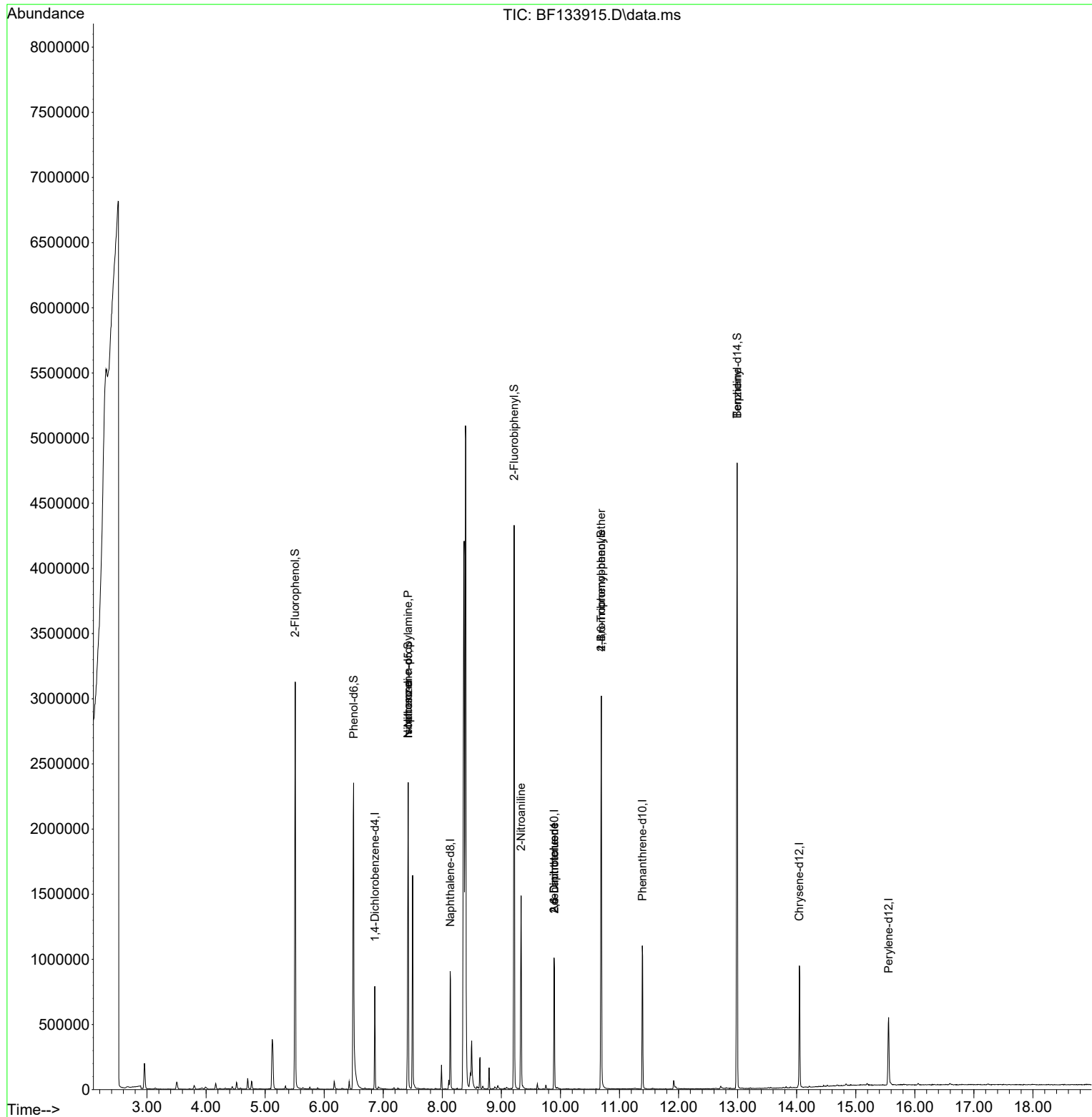
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	102790	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	401685	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	208698	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	429806	20.000	ng	0.00
76) Chrysene-d12	14.045	240	332831	20.000	ng	-0.01
86) Perylene-d12	15.556	264	260498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	812116	137.544	ng	0.02
7) Phenol-d6	6.498	99	953589	124.075	ng	0.00
23) Nitrobenzene-d5	7.422	82	721341	97.811	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	386423	146.276	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1323046	90.117	ng	0.00
79) Terphenyl-d14	12.992	244	1801939	83.773	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	102422	20.946	ng	# 78
25) Isophorone	7.422	82	721333	53.277	ng	# 65
48) 2-Nitroaniline	9.333	65	15181	3.438	ng	# 14
51) 2,6-Dinitrotoluene	9.892	165	26418	8.216	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	26418	6.460	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	23714	4.943	ng	# 1
77) Benzidine	12.992	184	26232	2.349	ng	# 94

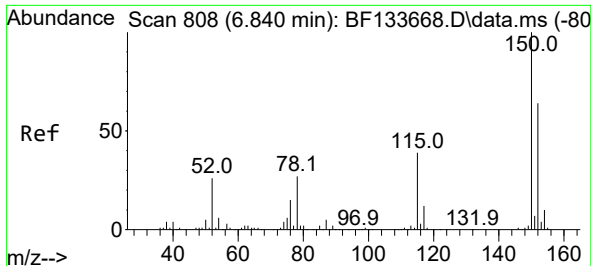
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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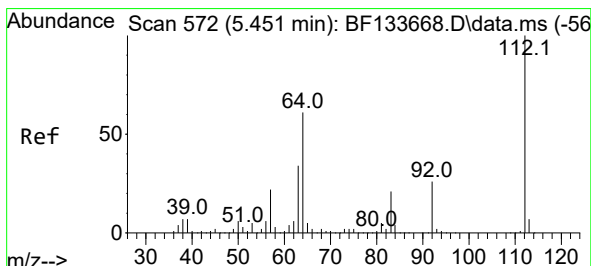
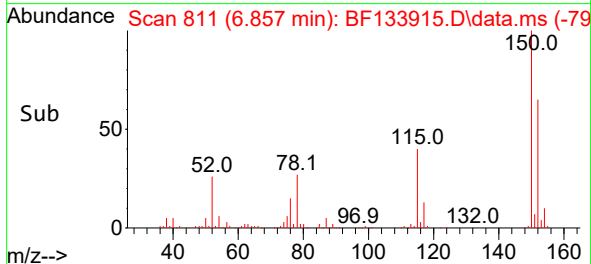
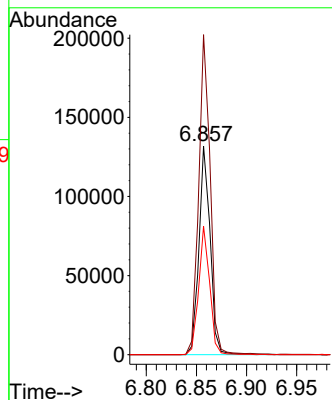
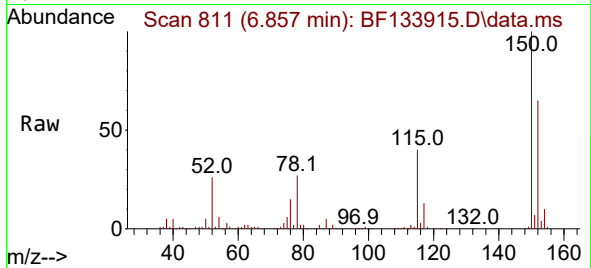




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

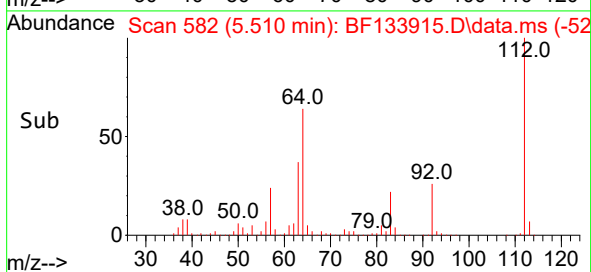
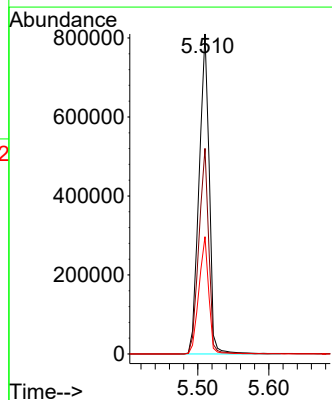
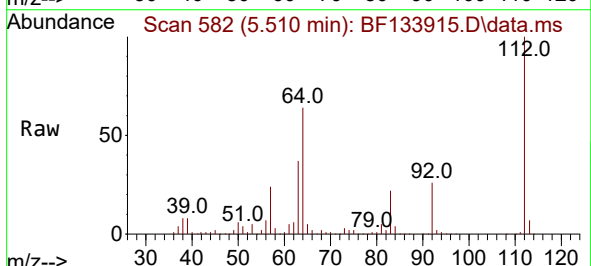
Instrument :
BNA_F
ClientSampleId :
WC-14A

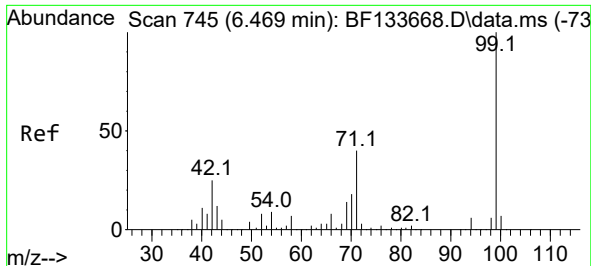
Tgt Ion:152 Resp: 102790
Ion Ratio Lower Upper
152 100
150 153.3 124.3 186.5
115 61.6 48.5 72.7



#5
2-Fluorophenol
Concen: 137.544 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

Tgt Ion:112 Resp: 812116
Ion Ratio Lower Upper
112 100
64 64.2 49.0 73.4
63 36.7 26.8 40.2

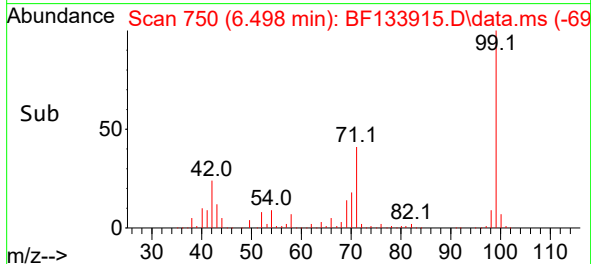
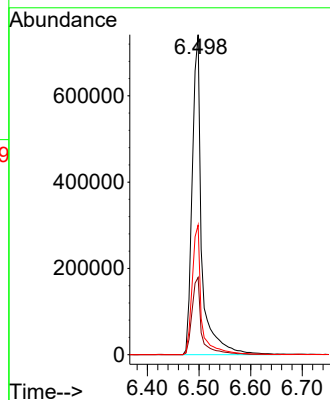
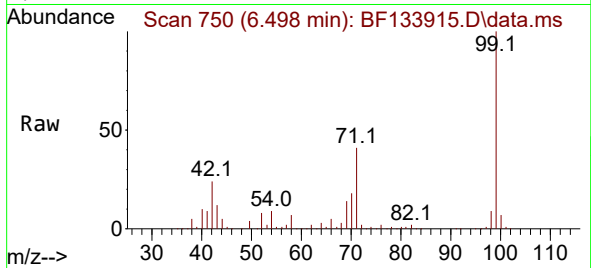




#7
Phenol-d6
Concen: 124.075 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

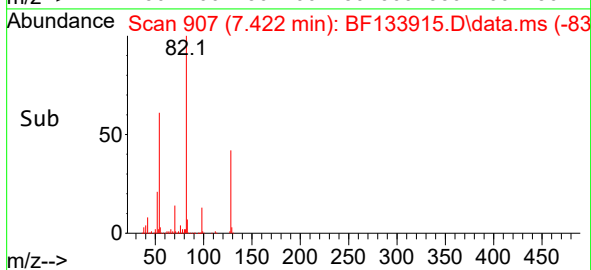
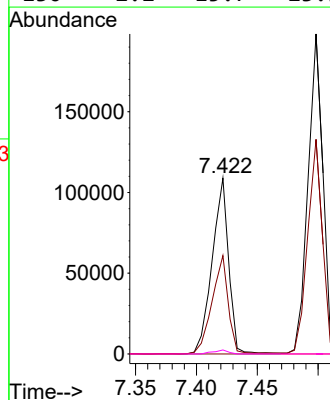
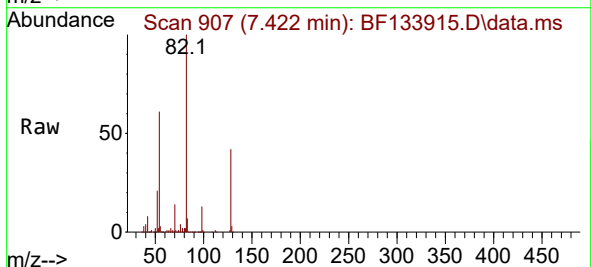
Instrument :
BNA_F
ClientSampleId :
WC-14A

Tgt Ion: 99 Resp: 953589
Ion Ratio Lower Upper
99 100
42 24.2 19.9 29.9
71 40.5 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.946 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

Tgt Ion: 70 Resp: 102422
Ion Ratio Lower Upper
70 100
42 56.0 55.8 83.8
101 0.0 8.1 12.1#
130 2.2 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133915.D

Acq: 22 Jun 2023 22:48

Instrument :

BNA_F

ClientSampleId :

WC-14A

Tgt Ion:136 Resp: 401685

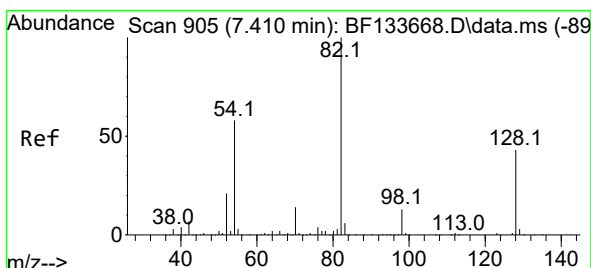
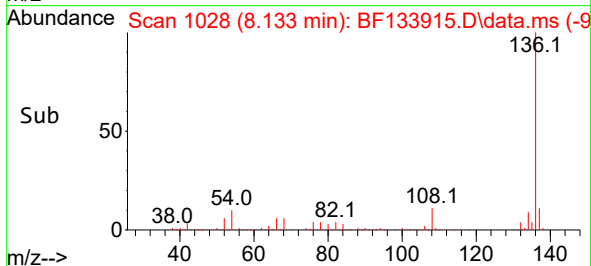
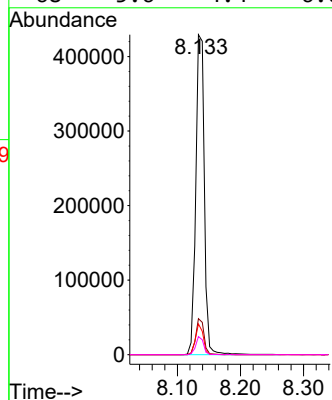
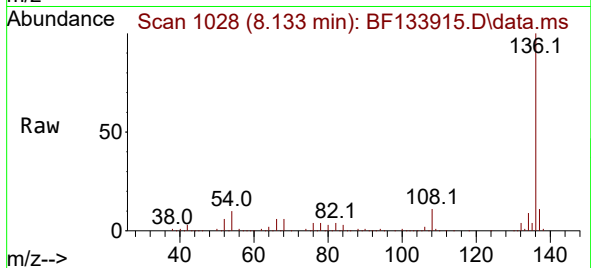
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.6 7.4 11.0

68 5.6 4.4 6.6



#23

Nitrobenzene-d5

Concen: 97.811 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF133915.D

Acq: 22 Jun 2023 22:48

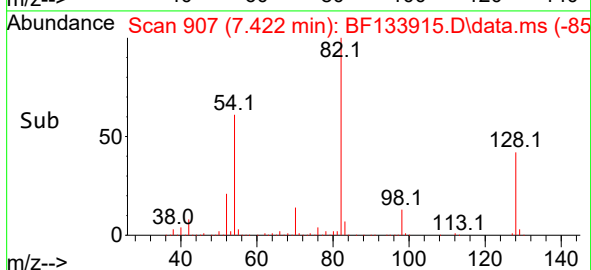
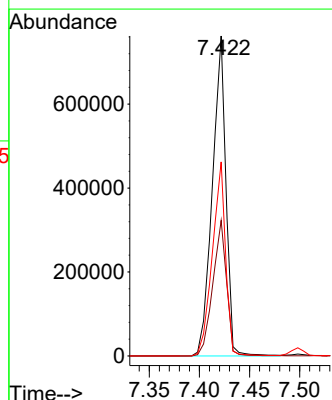
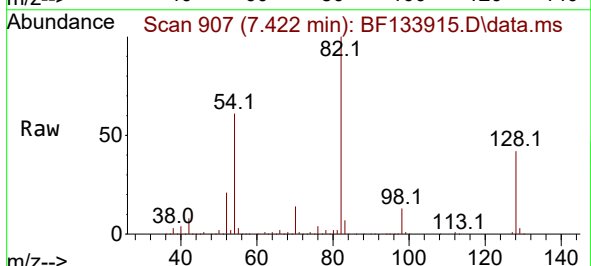
Tgt Ion: 82 Resp: 721341

Ion Ratio Lower Upper

82 100

128 42.3 34.2 51.2

54 60.6 46.5 69.7

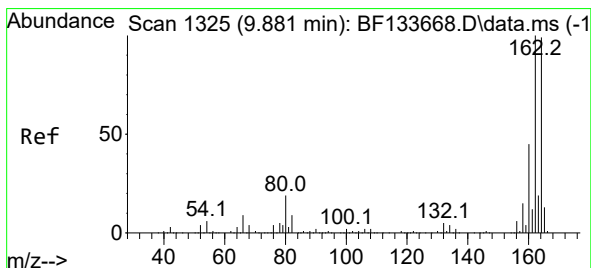
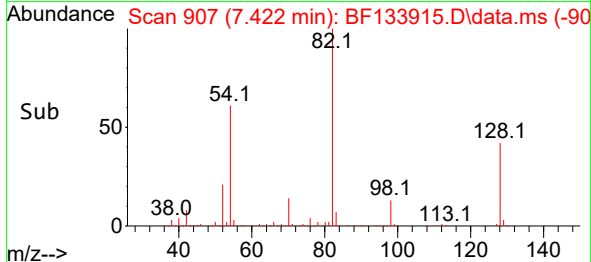
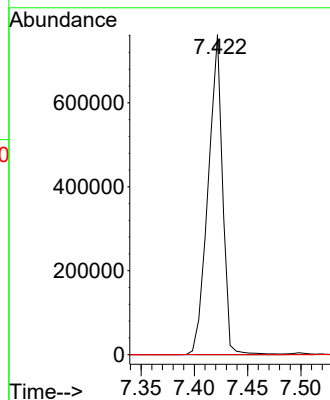
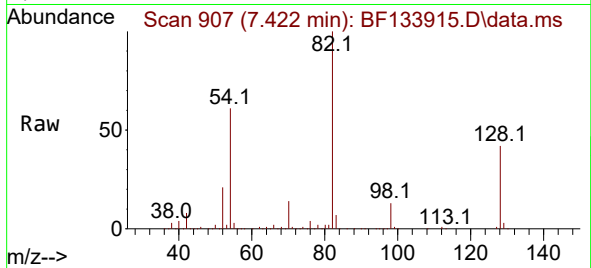




#25
Isophorone
Concen: 53.277 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

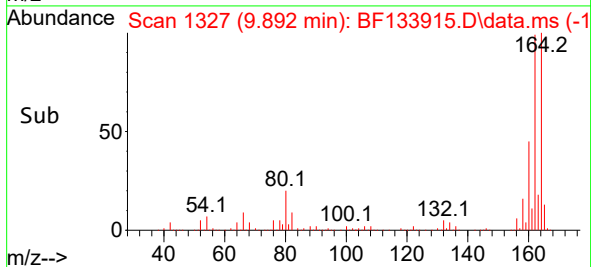
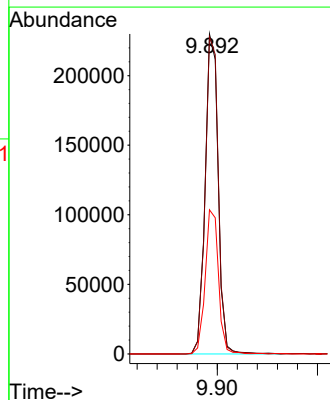
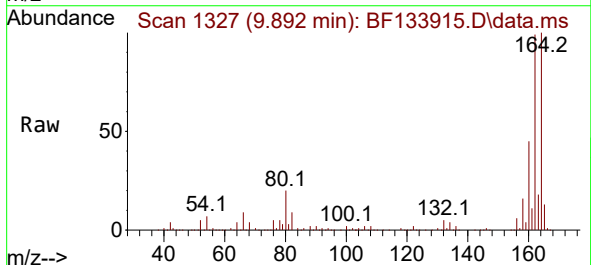
Instrument :
BNA_F
ClientSampleId :
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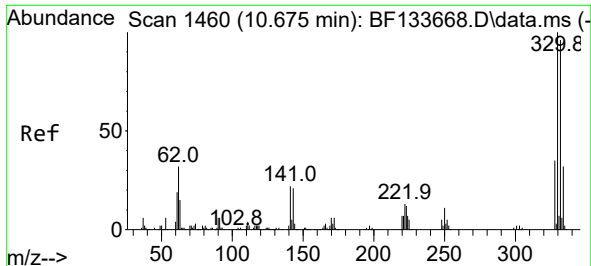
Tgt Ion: 82 Resp: 721333
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

Tgt Ion:164 Resp: 208698
Ion Ratio Lower Upper
164 100
162 99.2 80.8 121.2
160 45.1 36.7 55.1

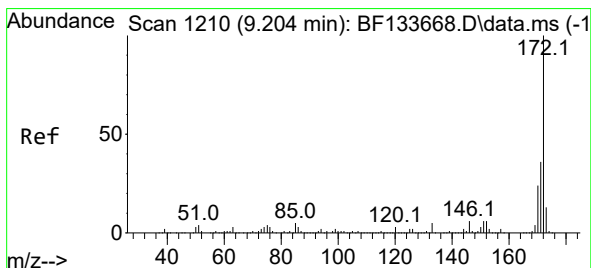
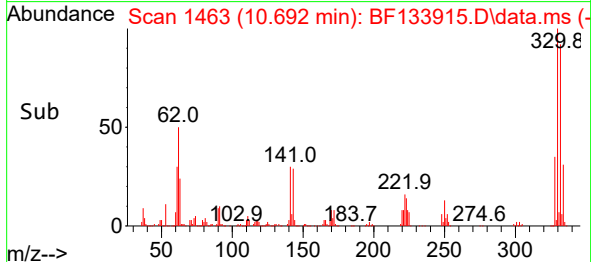
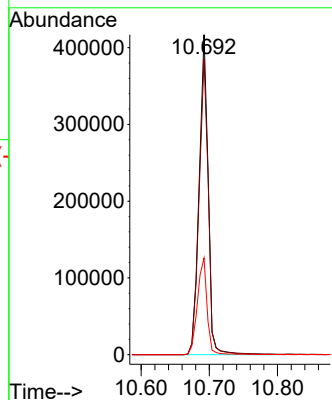
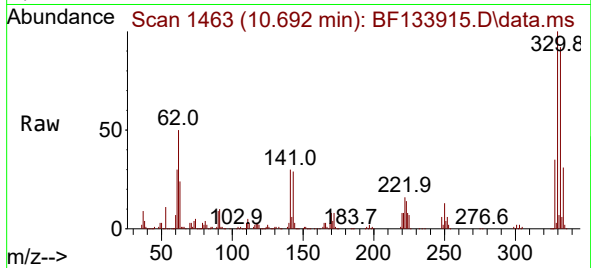




#42
2,4,6-Tribromophenol
Concen: 146.276 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

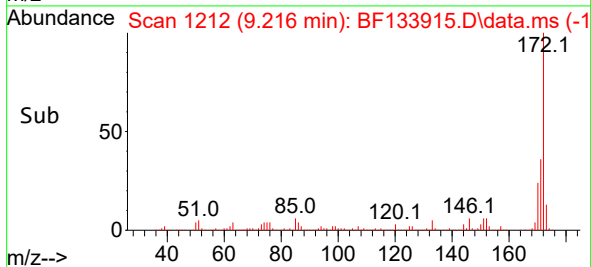
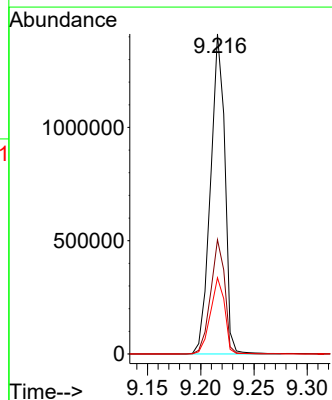
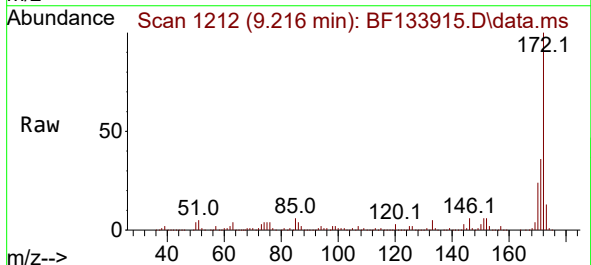
Instrument :
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ClientSampleId :
WC-14A

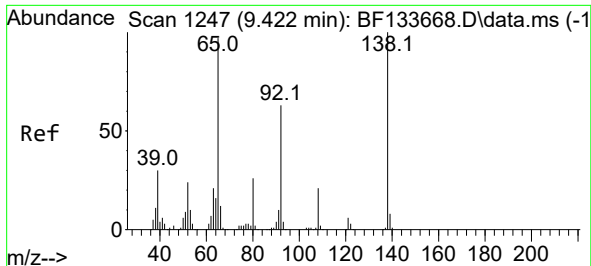
Tgt Ion:330 Resp: 386423
Ion Ratio Lower Upper
330 100
332 94.4 77.2 115.8
141 32.2 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 90.117 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

Tgt Ion:172 Resp: 1323046
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.8 19.1 28.7

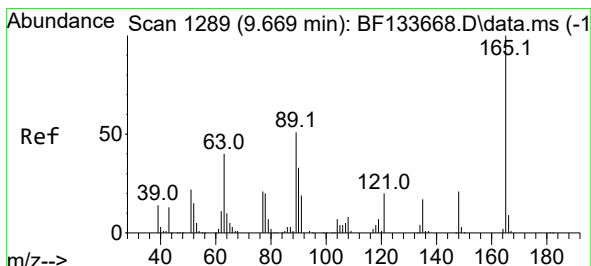
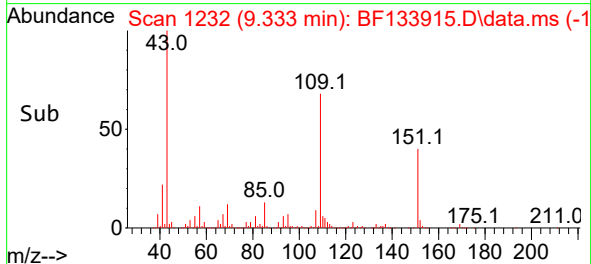
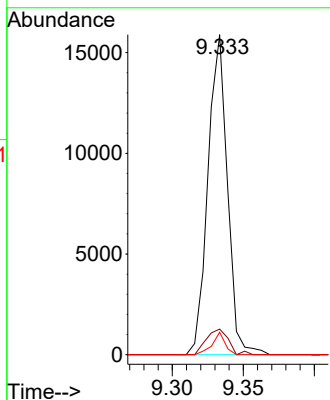
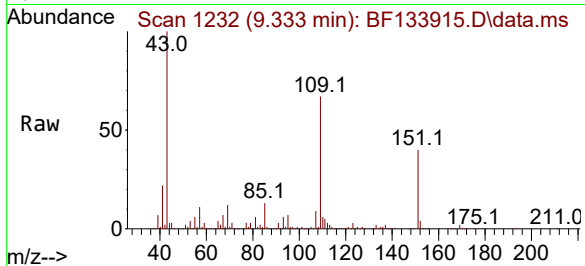




#48
2-Nitroaniline
Concen: 3.438 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

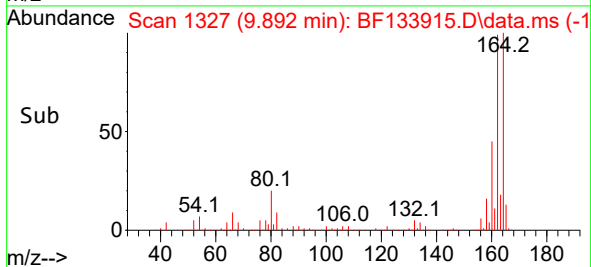
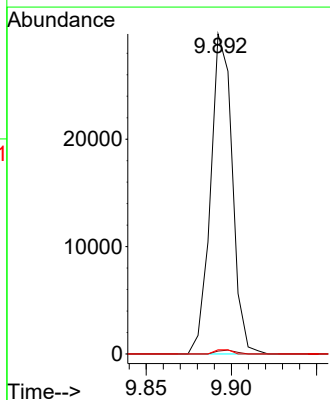
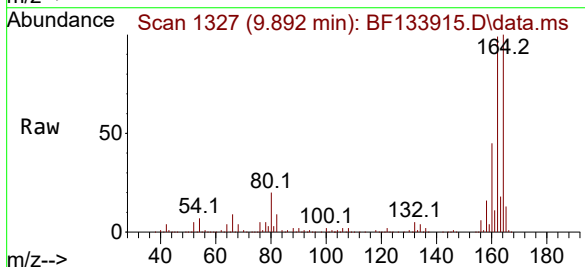
Instrument :
BNA_F
ClientSampleId :
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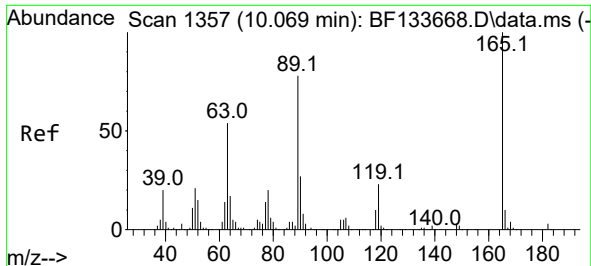
Tgt Ion: 65 Resp: 15181
Ion Ratio Lower Upper
65 100
92 8.0 51.8 77.6#
138 7.0 82.1 123.1#



#51
2,6-Dinitrotoluene
Concen: 8.216 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

Tgt Ion: 165 Resp: 26418
Ion Ratio Lower Upper
165 100
63 0.9 42.1 63.1#
89 1.3 40.9 61.3#

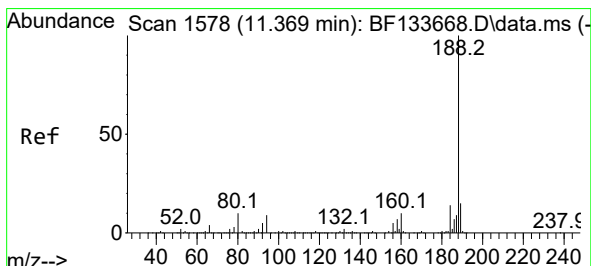
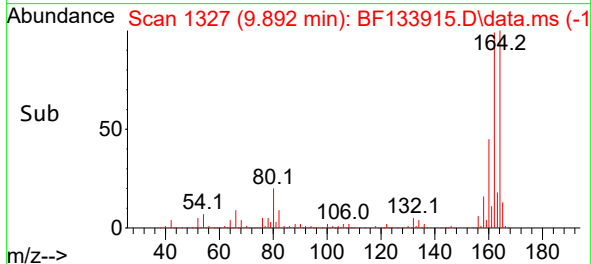
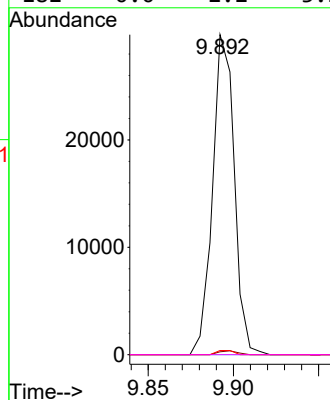
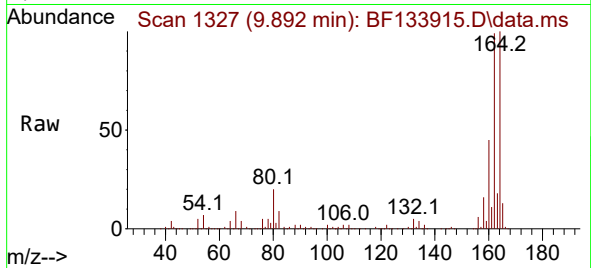




#57
2,4-Dinitrotoluene
Concen: 6.460 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

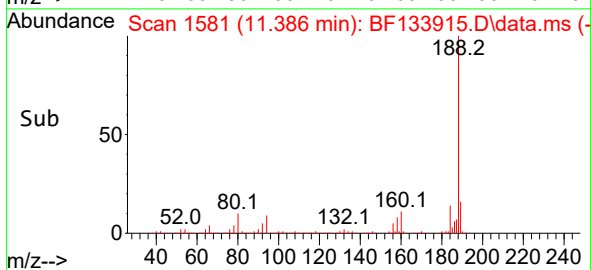
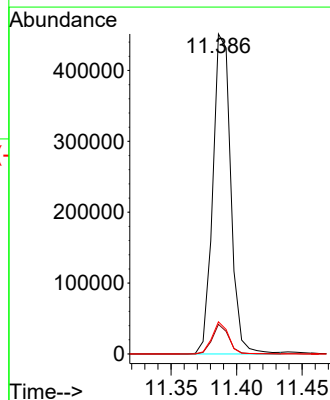
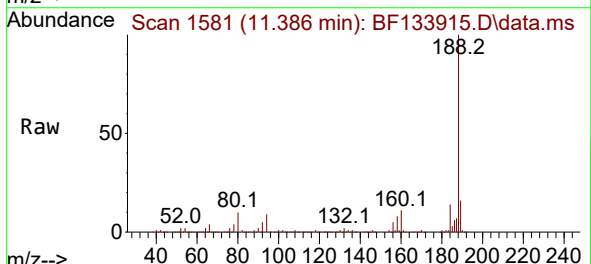
Instrument :
BNA_F
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WC-14A

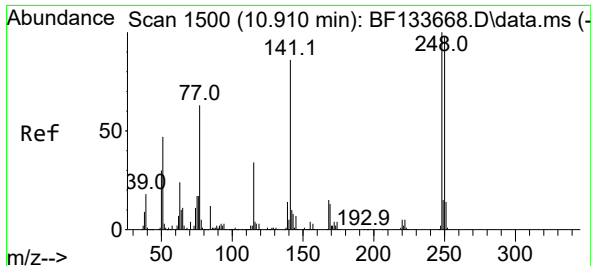
Tgt Ion:165 Resp: 26418
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.3 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

Tgt Ion:188 Resp: 429806
Ion Ratio Lower Upper
188 100
94 9.3 6.8 10.2
80 10.1 7.8 11.6

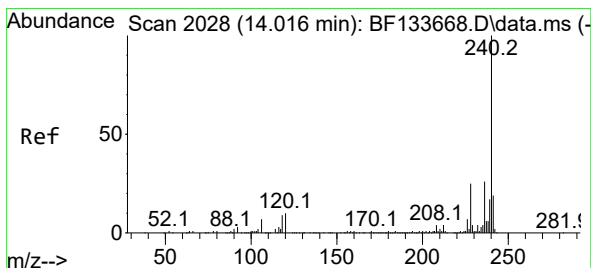
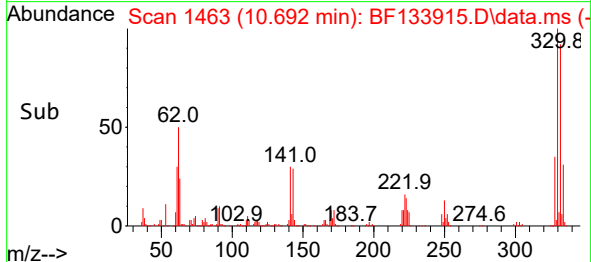
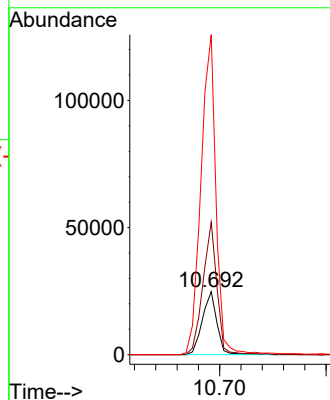
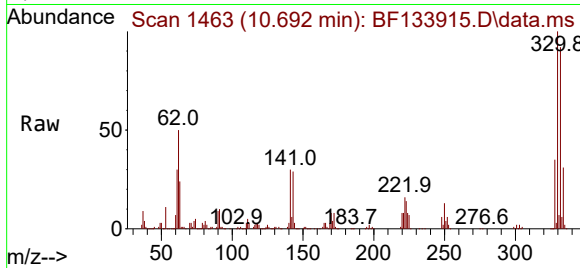




#67
4-Bromophenyl-phenylether
Concen: 4.943 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

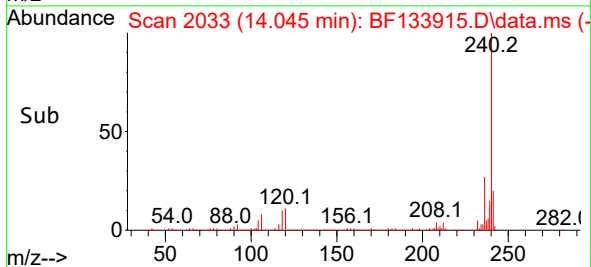
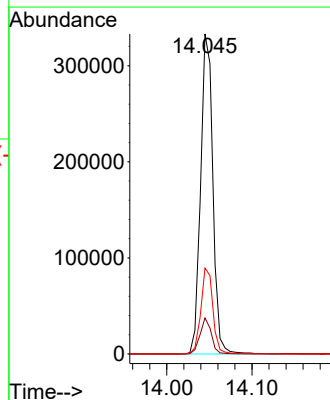
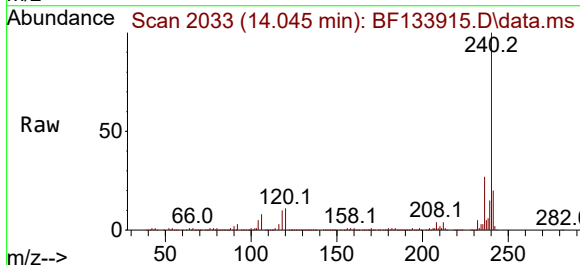
Instrument :
BNA_F
ClientSampleId :
WC-14A

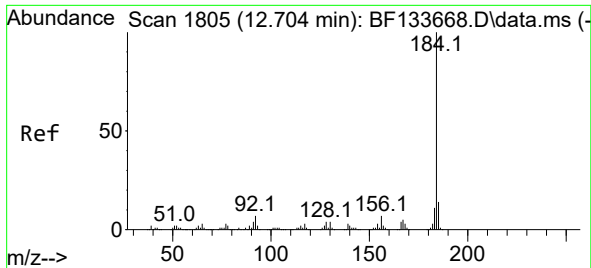
Tgt Ion:248 Resp: 23714
Ion Ratio Lower Upper
248 100
250 210.5 78.3 117.5#
141 508.0 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

Tgt Ion:240 Resp: 332831
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 26.9 20.5 30.7

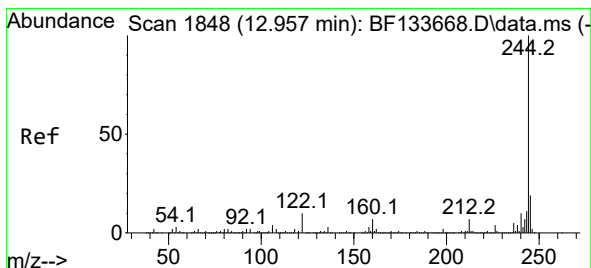
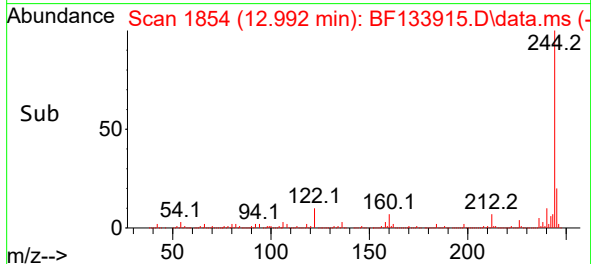
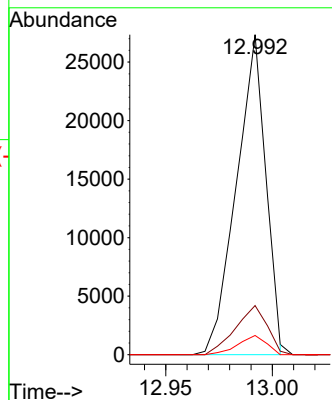
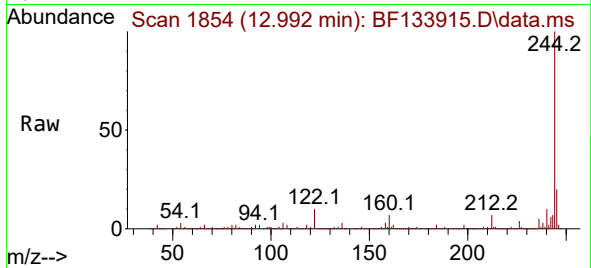




#77
Benzidine
Concen: 2.349 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

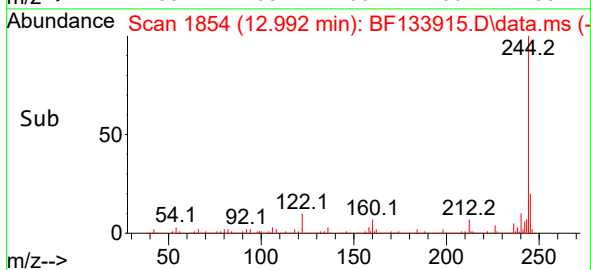
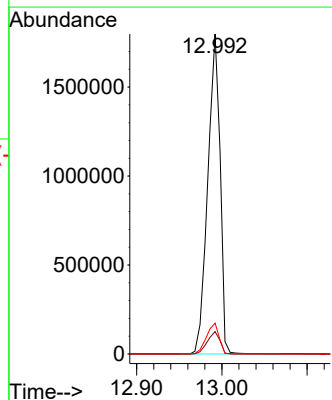
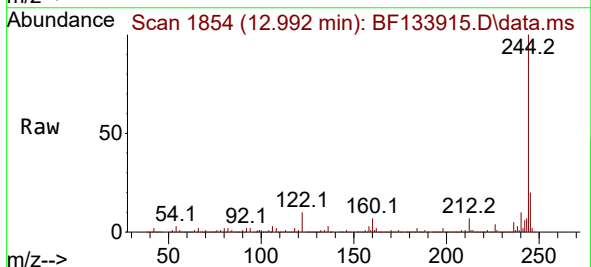
Instrument :
BNA_F
ClientSampleId :
WC-14A

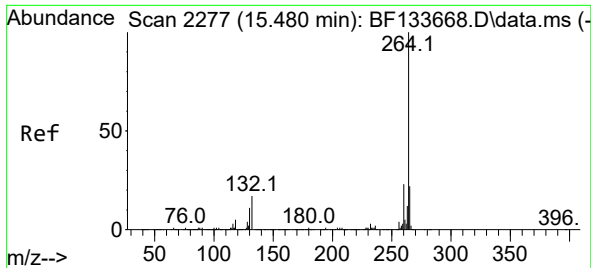
Tgt Ion:184 Resp: 26232
Ion Ratio Lower Upper
184 100
185 15.4 11.6 17.4
183 6.0 8.4 12.6#



#79
Terphenyl-d14
Concen: 83.773 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

Tgt Ion:244 Resp: 1801939
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.6 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133915.D
Acq: 22 Jun 2023 22:48

Instrument :
BNA_F
ClientSampleId :
WC-14A

Tgt Ion:264 Resp: 260498
Ion Ratio Lower Upper
264 100
260 23.5 18.2 27.2
265 20.5 17.8 26.6

