

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134063.D
 Acq On : 30 Jun 2023 21:15
 Operator : CG\JU
 Sample : 03360-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-91-062023

Quant Time: Jul 01 04:32:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

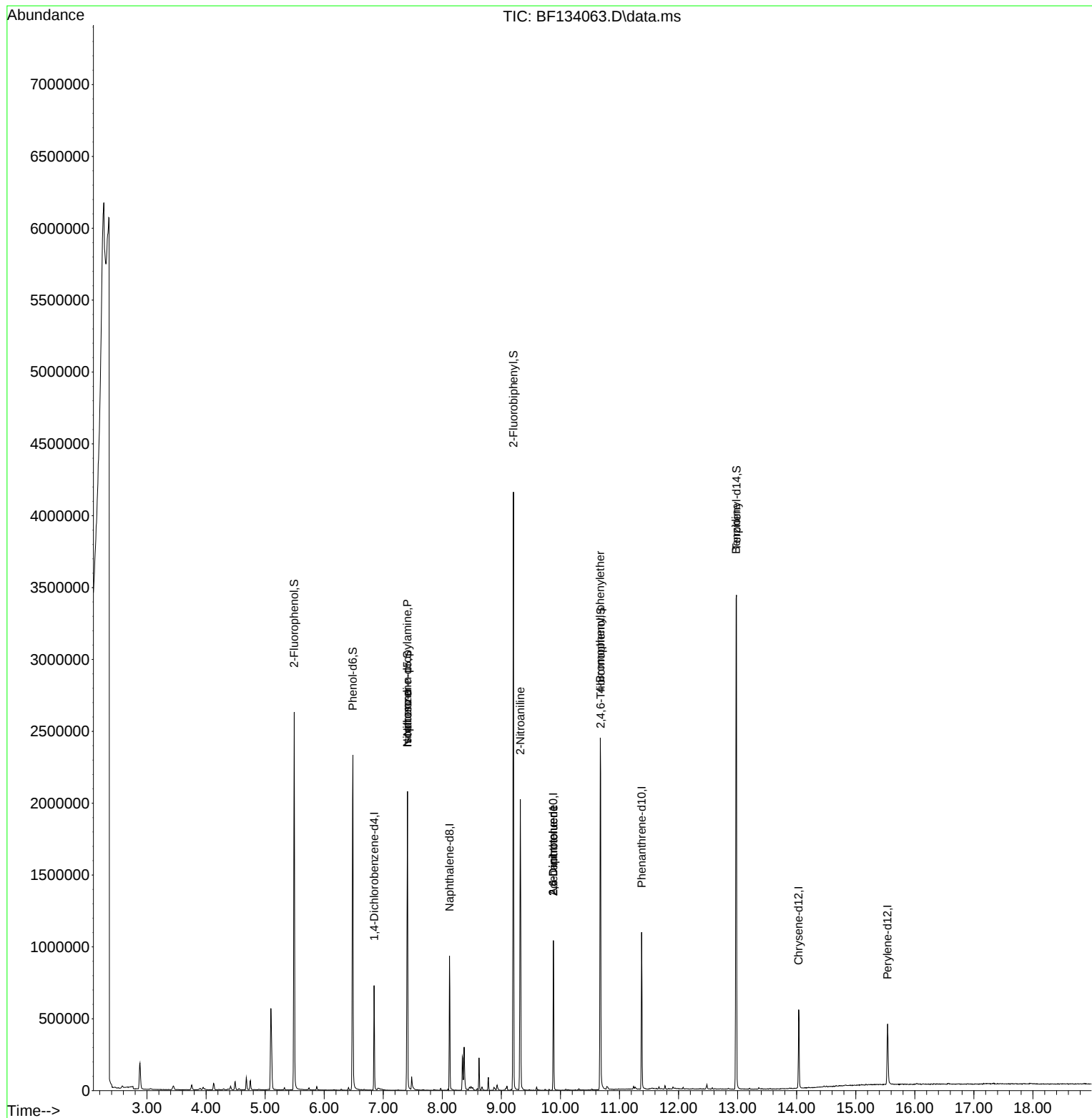
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	98788	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	382699	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	196732	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	387015	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	187893	20.000	ng	-0.02
86) Perylene-d12	15.539	264	205923	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	677623	114.741	ng	0.00
7) Phenol-d6	6.487	99	737445	101.537	ng	0.00
23) Nitrobenzene-d5	7.410	82	623414	87.811	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	322995	130.946	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1183072	87.432	ng	0.00
79) Terphenyl-d14	12.980	244	1368547	117.224	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.398	77	468	Below Cal	#	33
19) n-Nitroso-di-n-propyla...	7.410	70	86890	18.865	ng	# 81
25) Isophorone	7.410	82	623407	48.316	ng	# 64
48) 2-Nitroaniline	9.322	65	20725	4.925	ng	# 17
51) 2,6-Dinitrotoluene	9.880	165	24767	8.052	ng	# 24
57) 2,4-Dinitrotoluene	9.880	165	24767	6.097	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	19543	4.751	ng	# 1
77) Benzidine	12.974	184	19076	4.267	ng	# 91

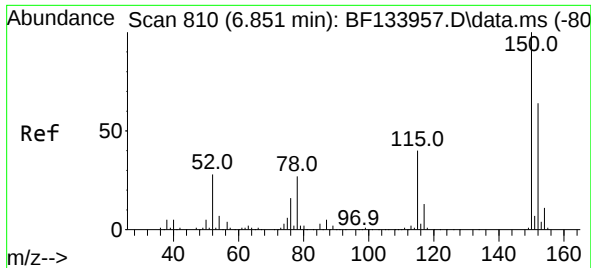
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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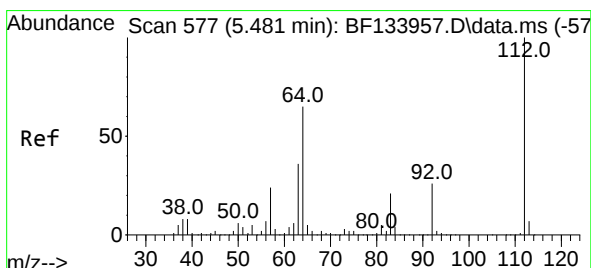
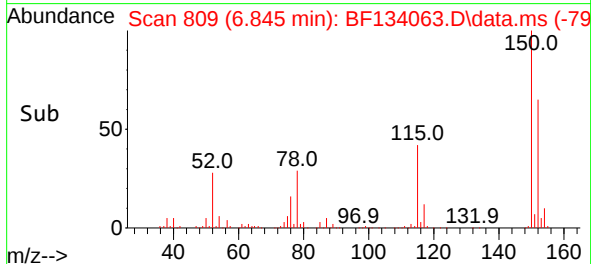
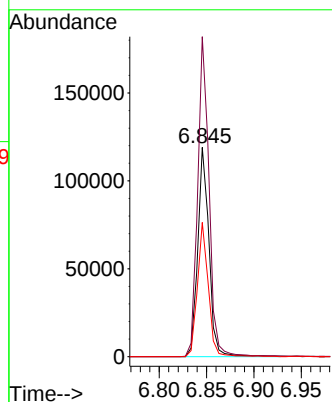
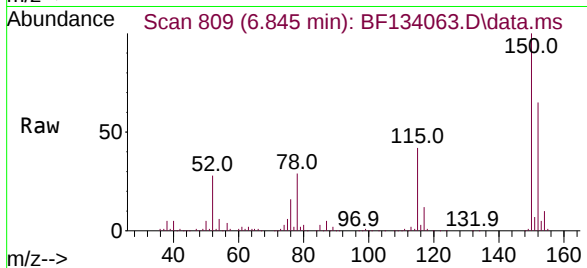




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

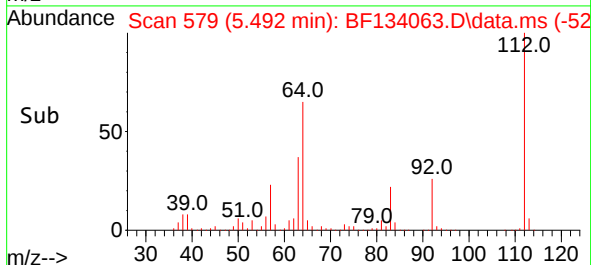
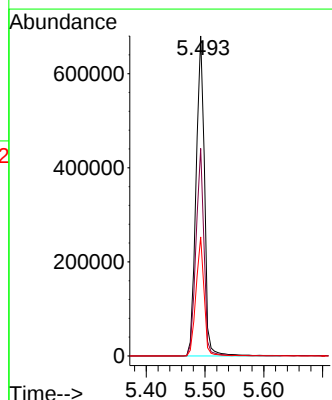
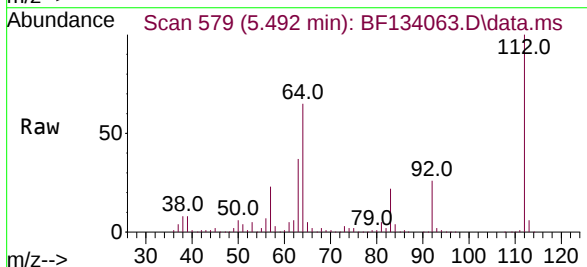
Instrument :
BNA_F
ClientSampleId :
CE-91-062023

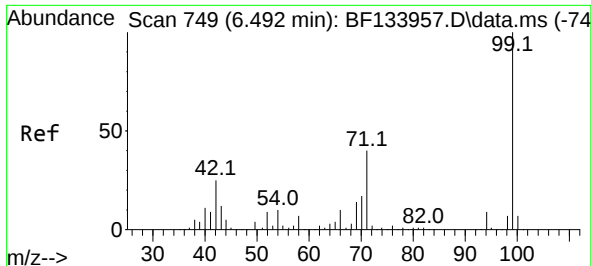
Tgt Ion:152 Resp: 98788
Ion Ratio Lower Upper
152 100
150 152.9 124.5 186.7
115 64.1 50.2 75.2



#5
2-Fluorophenol
Concen: 114.741 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

Tgt Ion:112 Resp: 677623
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 37.2 28.6 42.8

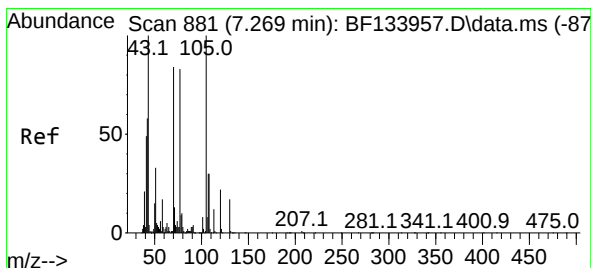
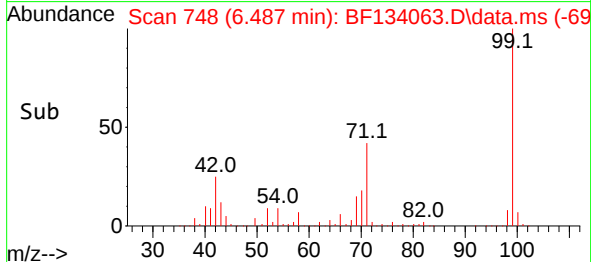
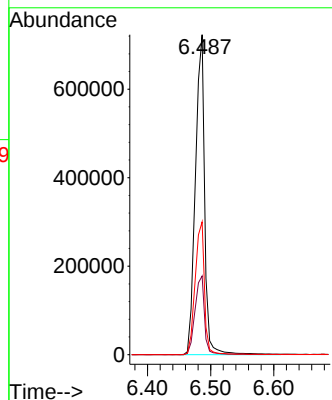
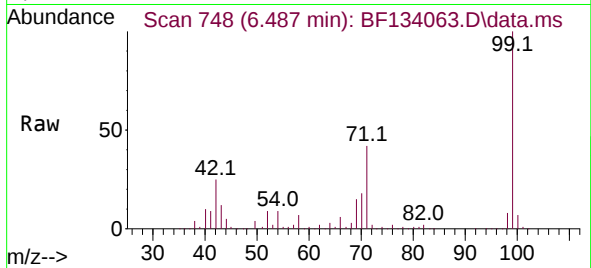




#7
Phenol-d6
Concen: 101.537 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

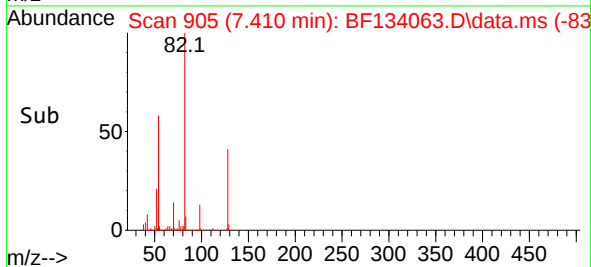
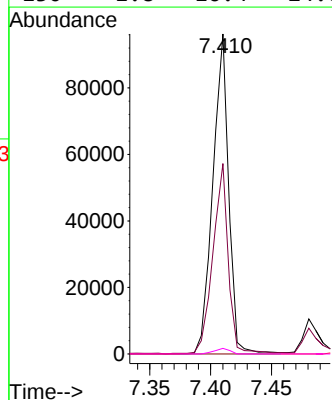
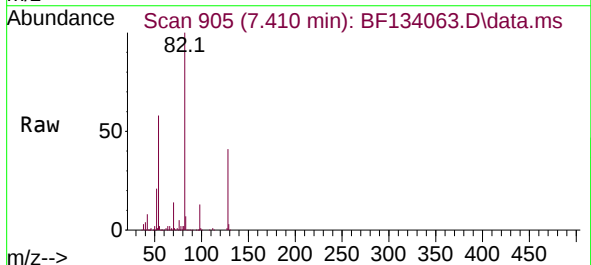
Instrument :
BNA_F
ClientSampleId :
CE-91-062023

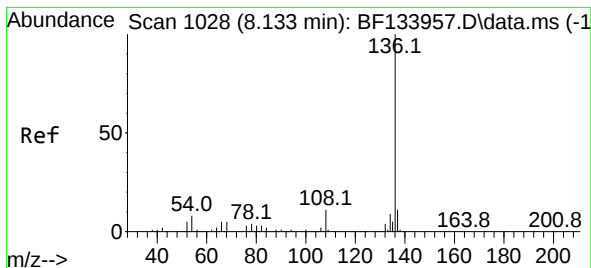
Tgt Ion: 99 Resp: 737445
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 41.5 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.865 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

Tgt Ion: 70 Resp: 86890
Ion Ratio Lower Upper
70 100
42 59.5 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: 8.122 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134063.D

Acq: 30 Jun 2023 21:15

Instrument :

BNA_F

ClientSampleId :

CE-91-062023

Tgt Ion:136 Resp: 382699

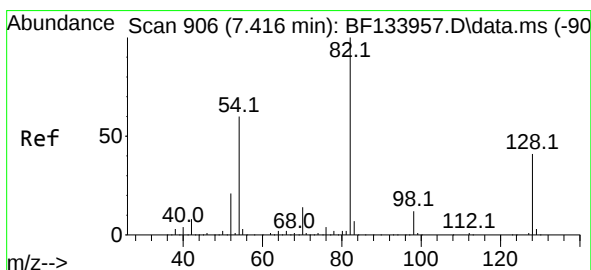
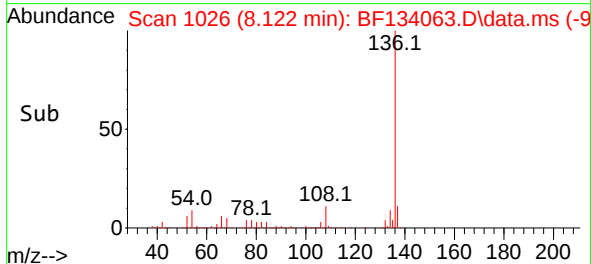
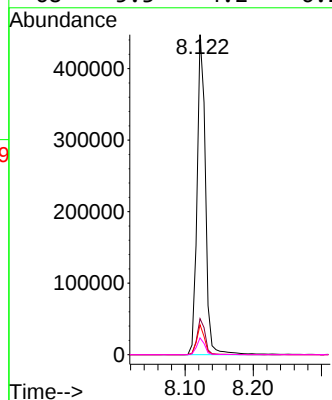
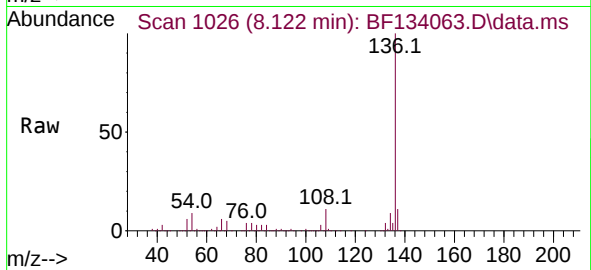
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 9.3 6.5 9.7

68 5.3 4.2 6.2



#23

Nitrobenzene-d5

Concen: 87.811 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF134063.D

Acq: 30 Jun 2023 21:15

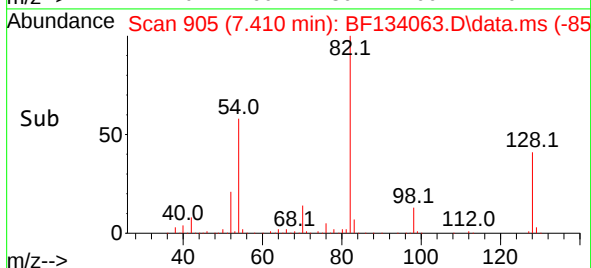
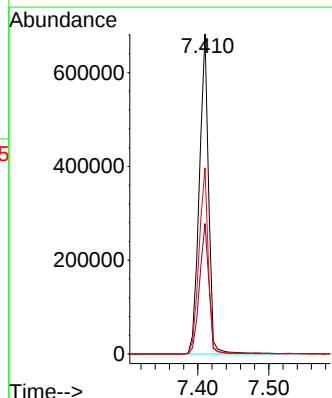
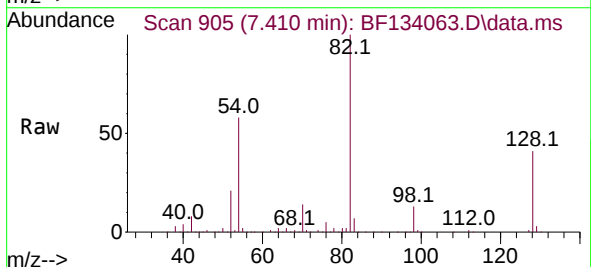
Tgt Ion: 82 Resp: 623414

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

54 58.2 48.2 72.2

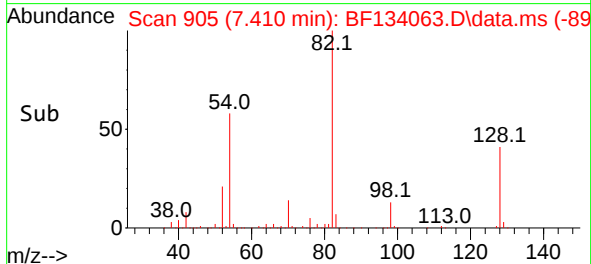
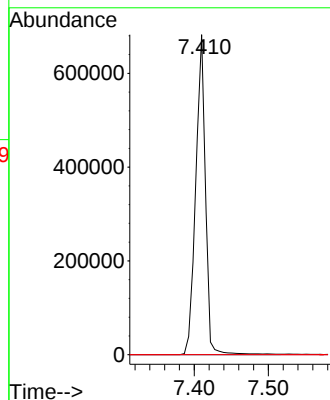
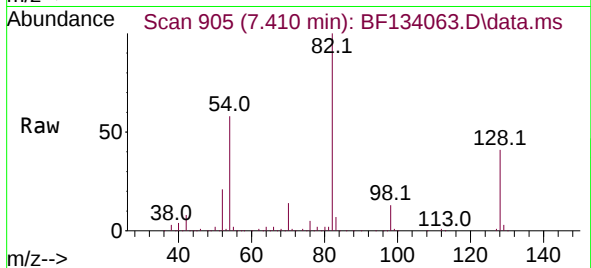




#25
Isophorone
Concen: 48.316 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

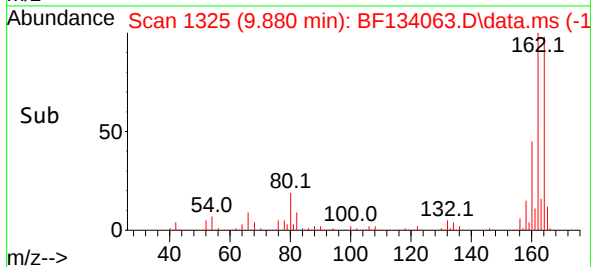
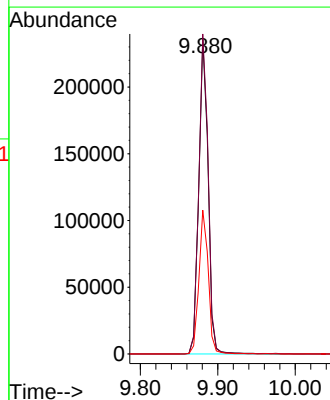
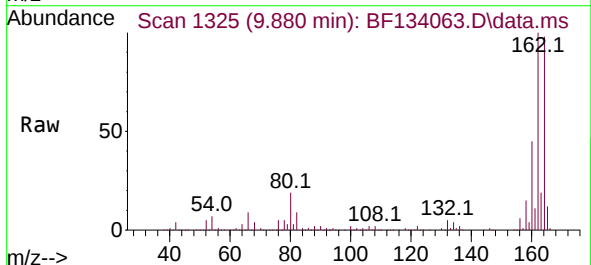
Instrument :
BNA_F
ClientSampleId :
CE-91-062023

Tgt Ion: 82 Resp: 623407
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: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

Tgt Ion:164 Resp: 196732
Ion Ratio Lower Upper
164 100
162 101.8 80.0 120.0
160 45.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 130.946 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF134063.D

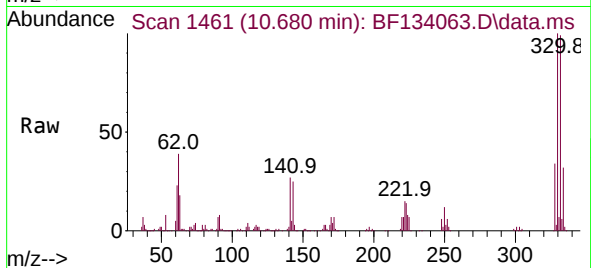
Acq: 30 Jun 2023 21:15

Instrument :

BNA_F

ClientSampleId :

CE-91-062023



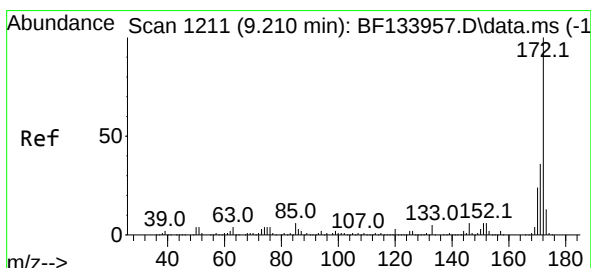
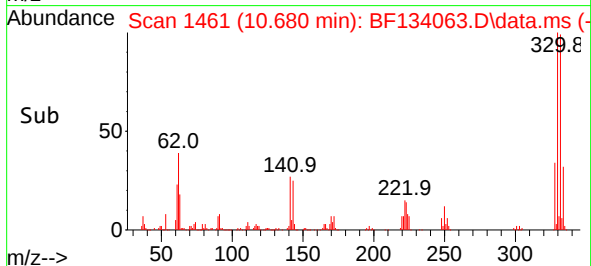
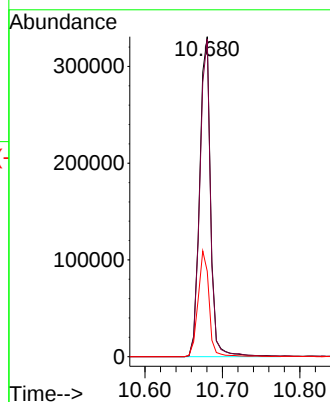
Tgt Ion:330 Resp: 322995

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

141 33.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 87.432 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134063.D

Acq: 30 Jun 2023 21:15

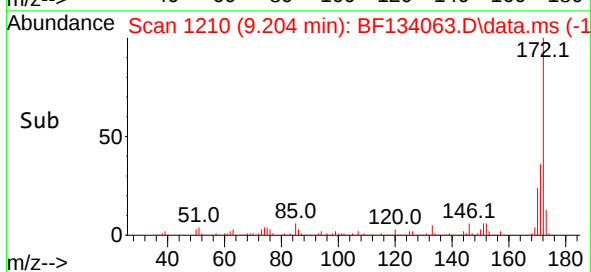
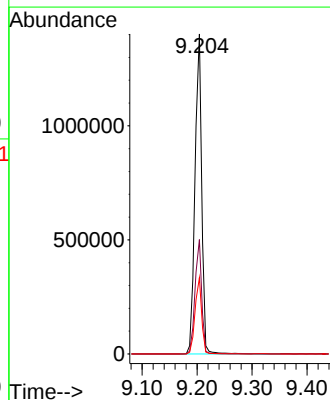
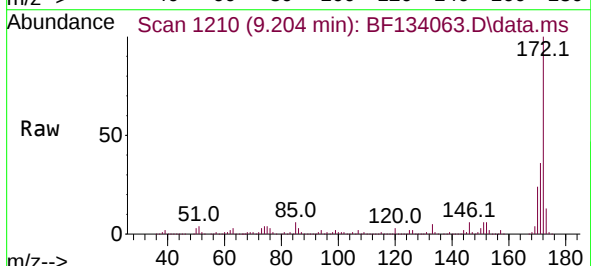
Tgt Ion:172 Resp: 1183072

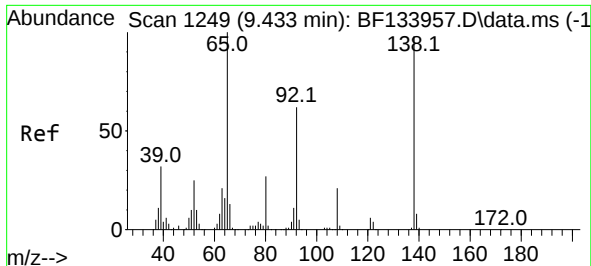
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.8 19.4 29.0

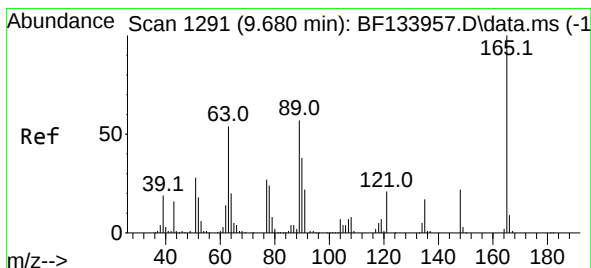
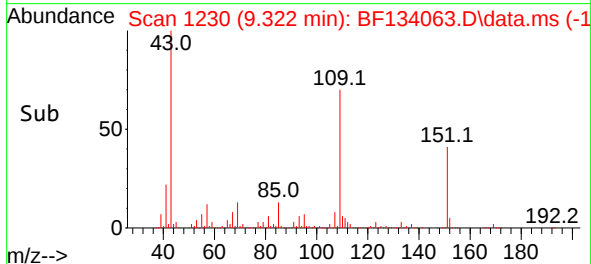
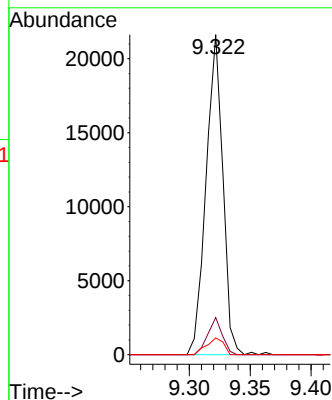
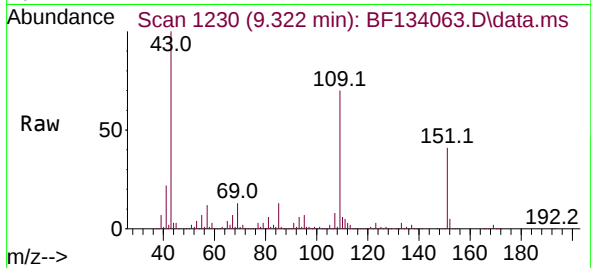




#48
2-Nitroaniline
Concen: 4.925 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.118 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

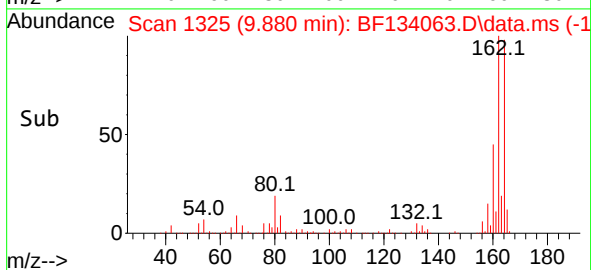
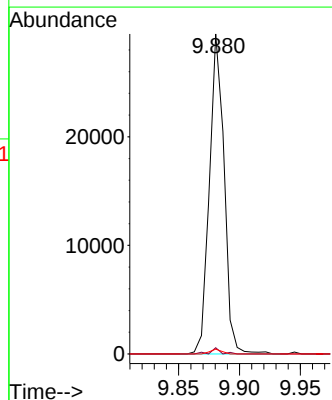
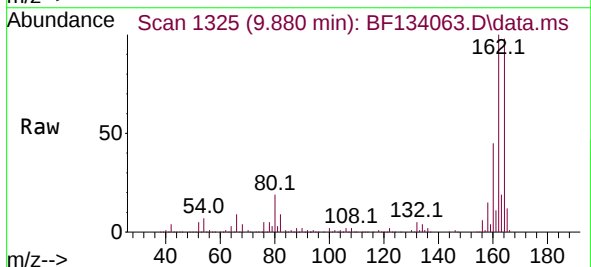
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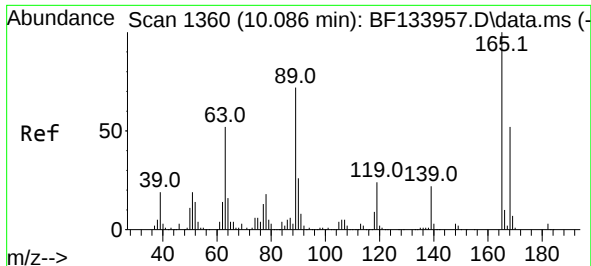
Tgt Ion: 65 Resp: 20725
Ion Ratio Lower Upper
65 100
92 11.6 49.5 74.3#
138 5.3 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 8.052 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

Tgt Ion: 165 Resp: 24767
Ion Ratio Lower Upper
165 100
63 1.9 48.5 72.7#
89 1.5 45.5 68.3#





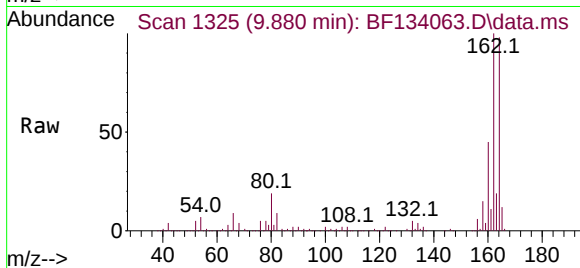
#57
2,4-Dinitrotoluene
Concen: 6.097 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

Instrument :

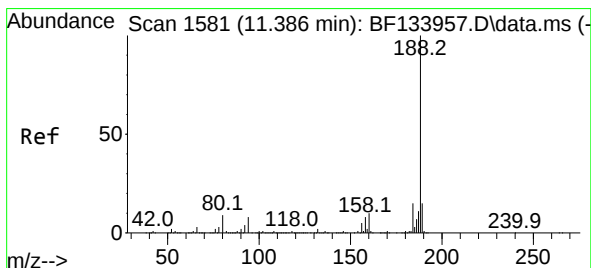
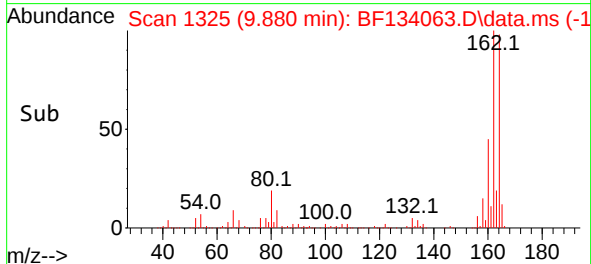
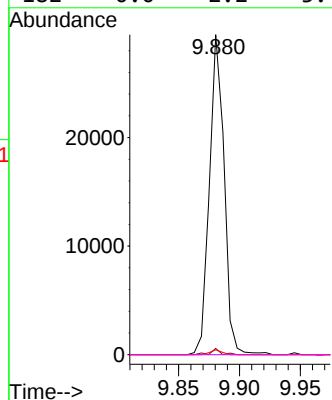
BNA_F

ClientSampleId :

CE-91-062023

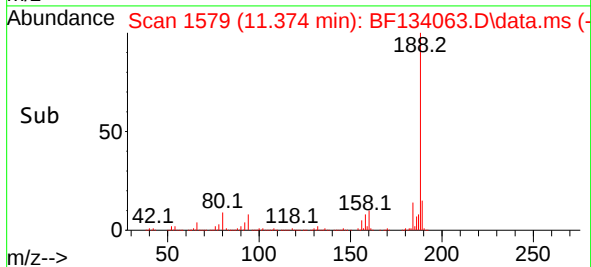
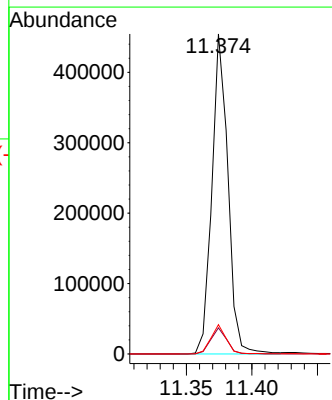
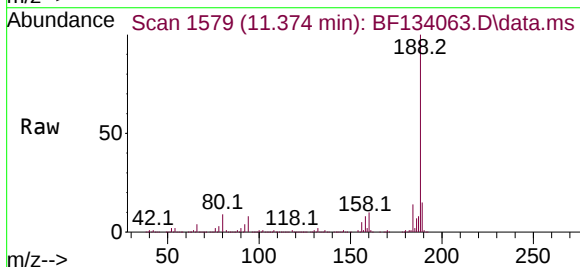


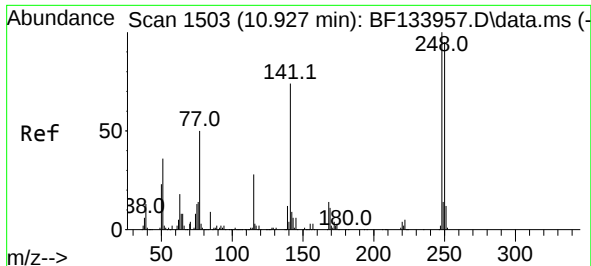
Tgt Ion:	165	Resp:	24767
Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.2	63.2#
89	1.5	57.4	86.2#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

Tgt Ion:	188	Resp:	387015
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.4	9.6
80	9.1	7.3	10.9

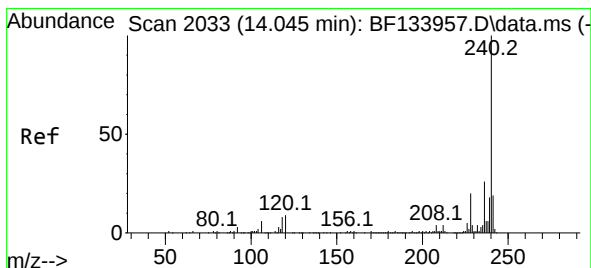
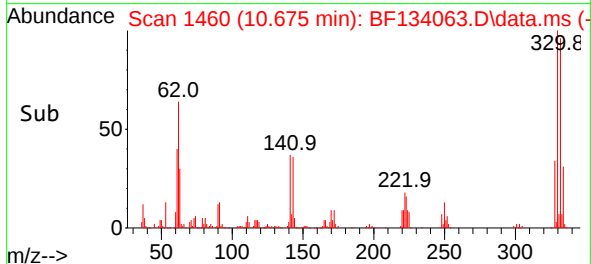
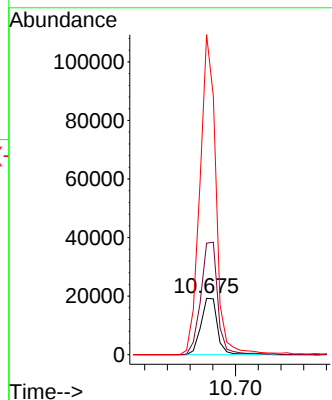
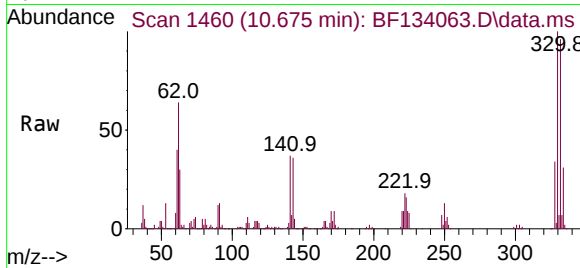




#67
4-Bromophenyl-phenylether
Concen: 4.751 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

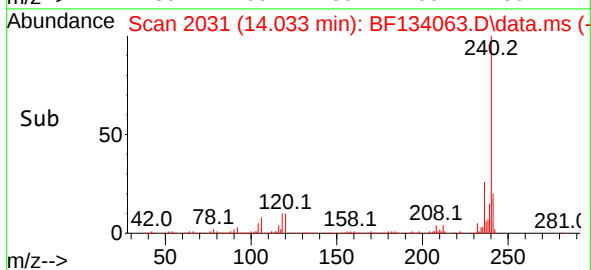
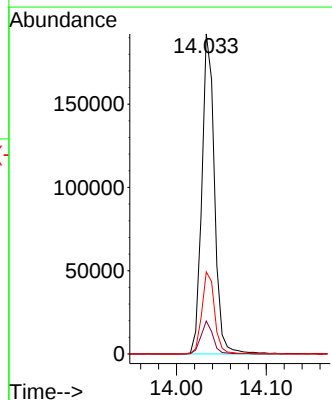
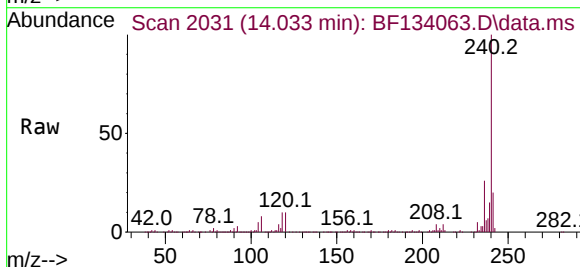
Instrument :
BNA_F
ClientSampleId :
CE-91-062023

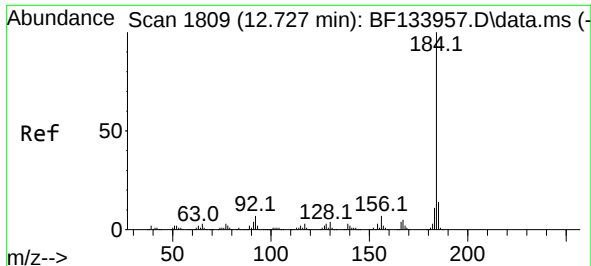
Tgt Ion:248 Resp: 19543
Ion Ratio Lower Upper
248 100
250 197.8 76.2 114.4#
141 567.8 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

Tgt Ion:240 Resp: 187893
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.0
236 25.7 21.0 31.6

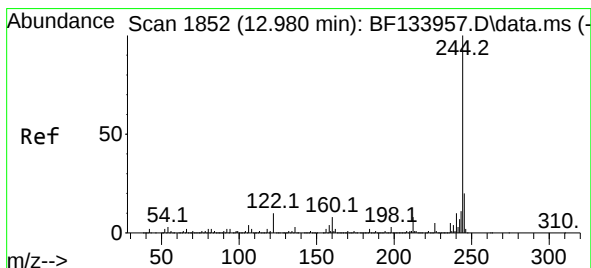
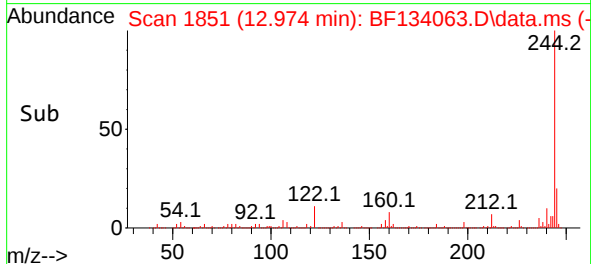
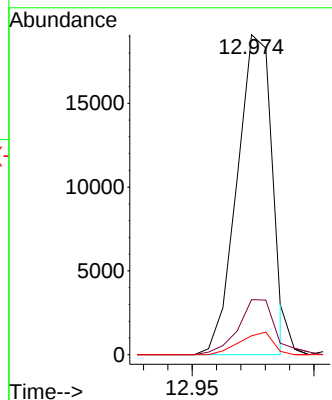
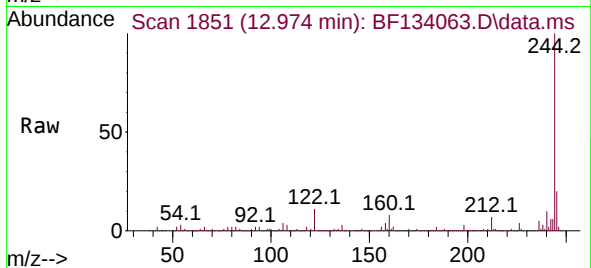




#77
Benzidine
Concen: 4.267 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

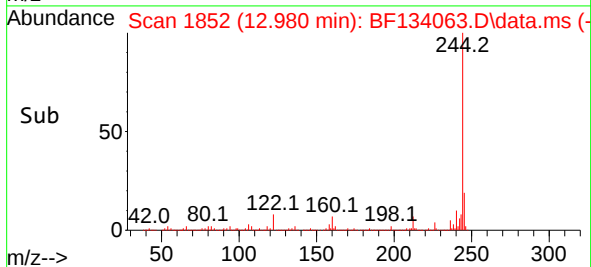
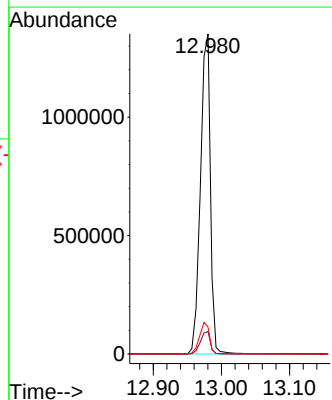
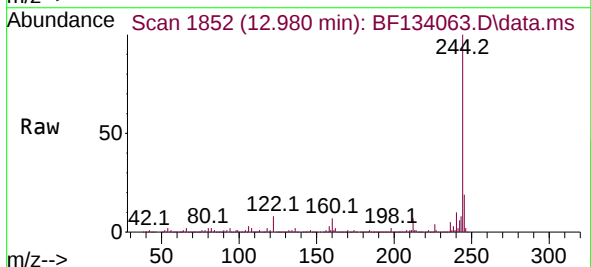
Instrument :
BNA_F
ClientSampleId :
CE-91-062023

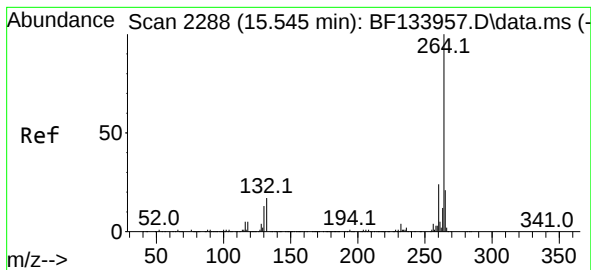
Tgt Ion:184 Resp: 19076
Ion Ratio Lower Upper
184 100
185 17.2 11.6 17.4
183 5.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 117.224 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF134063.D
Acq: 30 Jun 2023 21:15

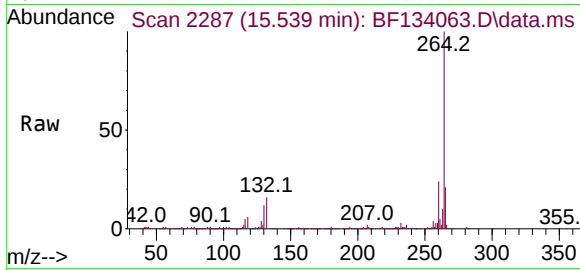
Tgt Ion:244 Resp: 1368547
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 8.3 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF134063.D
 Acq: 30 Jun 2023 21:15

Instrument :
 BNA_F
 ClientSampleId :
 CE-91-062023



Tgt Ion:264 Resp: 205923
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 20.9 16.6 25.0

