

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133638.D
 Acq On : 08 Jun 2023 12:58
 Operator : CG\JU
 Sample : 03041-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Quant Time: Jun 08 13:50:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:43:32 2023
 Response via : Initial Calibration

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

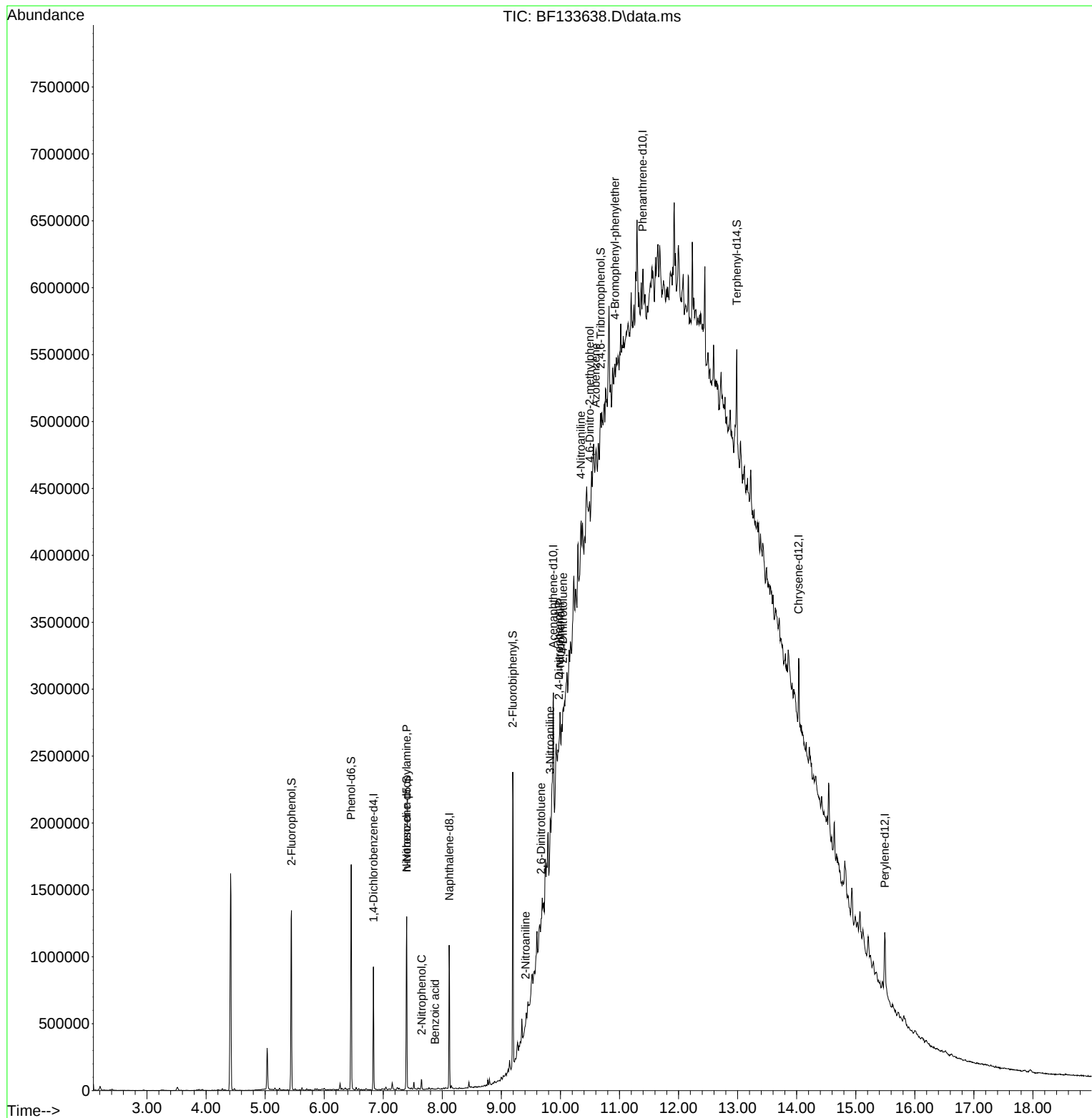
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	117236	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	436163	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	165629	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	166519	20.000	ng	# 0.02
76) Chrysene-d12	14.033	240	175803	20.000	ng	0.02
86) Perylene-d12	15.492	264	216944	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	359294	51.133	ng	0.00
7) Phenol-d6	6.457	99	514150	59.441	ng	-0.01
23) Nitrobenzene-d5	7.398	82	356736	54.610	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	64725	39.203	ng	0.01
45) 2-Fluorobiphenyl	9.192	172	670834	62.513	ng	0.00
79) Terphenyl-d14	12.986	244	388088	39.249	ng	0.03
Target Compounds						
						Qvalue
9) Benzaldehyde	6.381	77	1066	Below Cal		87
19) n-Nitroso-di-n-propyla...	7.398	70	51157	9.141 ng	#	75
26) 2-Nitrophenol	7.651	139	449	4.869 ng	#	19
32) Benzoic acid	7.875	122	115	7.372 ng	#	50
48) 2-Nitroaniline	9.410	65	1700	4.488 ng	#	72
51) 2,6-Dinitrotoluene	9.675	165	3126	4.986 ng	#	22
53) 3-Nitroaniline	9.828	138	6071	5.223 ng	#	11
54) 2,4-Dinitrophenol	9.975	184	67	6.591 ng	#	1
56) 4-Nitrophenol	9.998	139	5313	2.668 ng	#	1
57) 2,4-Dinitrotoluene	10.045	165	5976	6.706 ng	#	23
62) 4-Nitroaniline	10.345	138	22193	10.429 ng		82
63) Azobenzene	10.598	77	28875	2.387 ng	#	46
65) 4,6-Dinitro-2-methylph...	10.498	198	334	9.113 ng	#	1
67) 4-Bromophenyl-phenylether	10.922	248	5595	3.164 ng	#	46

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
Data File : BF133638.D
Acq On : 08 Jun 2023 12:58
Operator : CG\JU
Sample : 03041-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

Quant Time: Jun 08 13:50:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 11:43:32 2023
Response via : Initial Calibration

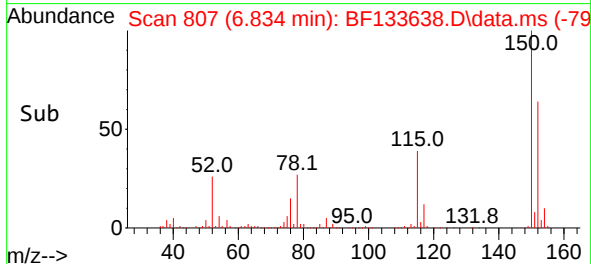
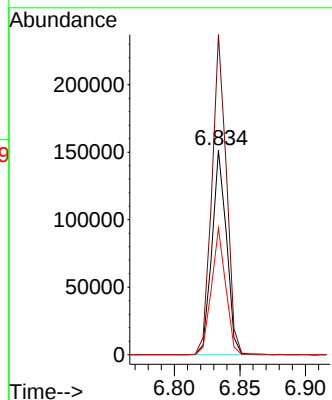
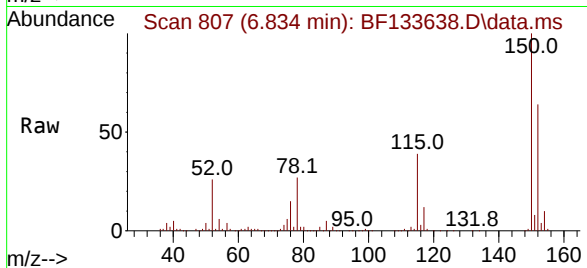




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 808
 Delta R.T. -0.005 min
 Lab File: BF133638.D
 Acq: 08 Jun 2023 12:58

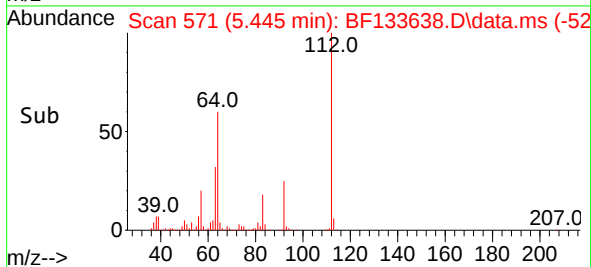
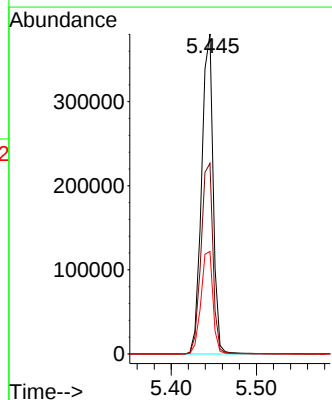
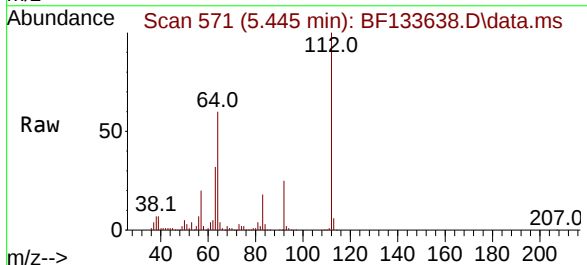
Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Tgt Ion:152 Resp: 117236
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.9 187.3
 115 61.7 48.1 72.1



#5
 2-Fluorophenol
 Concen: 51.133 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: BF133638.D
 Acq: 08 Jun 2023 12:58

Tgt Ion:112 Resp: 359294
 Ion Ratio Lower Upper
 112 100
 64 59.5 50.1 75.1
 63 32.1 27.5 41.3

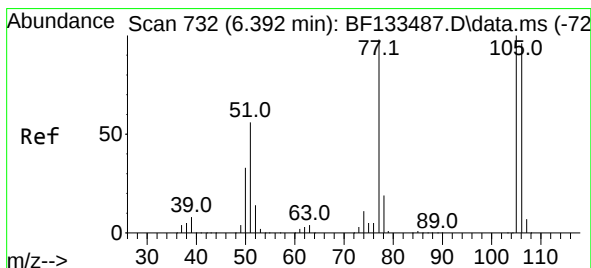
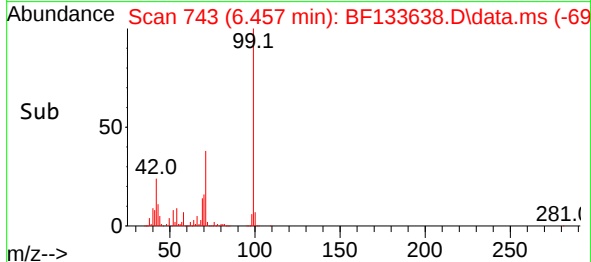
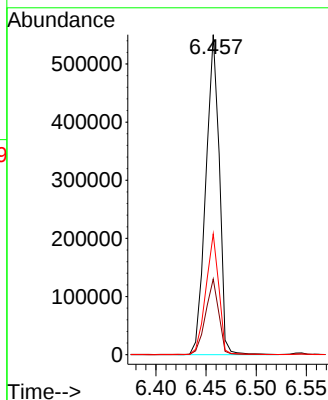
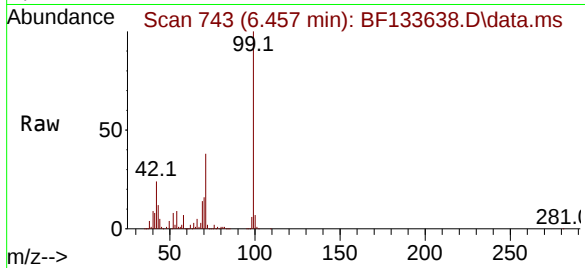




#7
Phenol-d6
Concen: 59.441 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

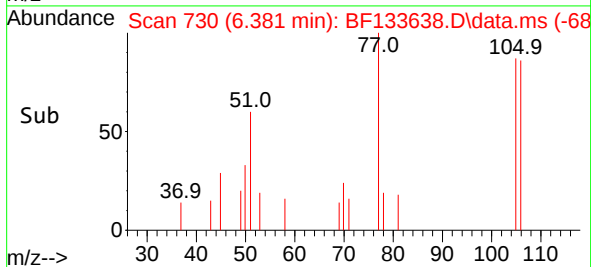
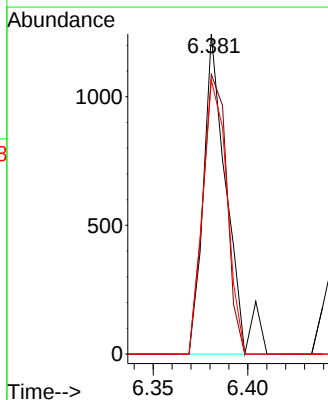
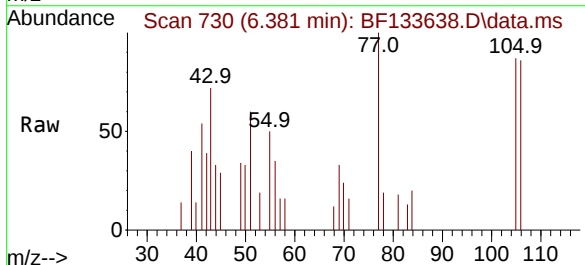
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

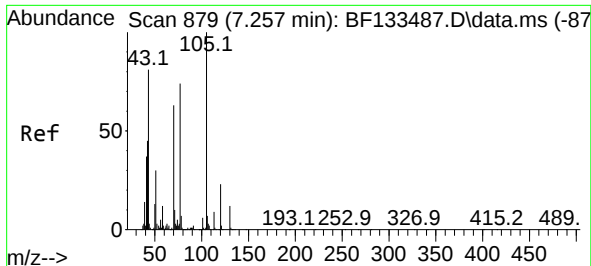
Tgt Ion: 99 Resp: 514150
Ion Ratio Lower Upper
99 100
42 23.6 19.7 29.5
71 37.8 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

Tgt Ion: 77 Resp: 1066
Ion Ratio Lower Upper
77 100
105 87.4 81.9 121.9
106 85.5 77.8 117.8



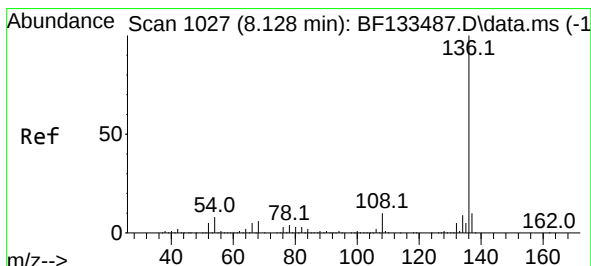
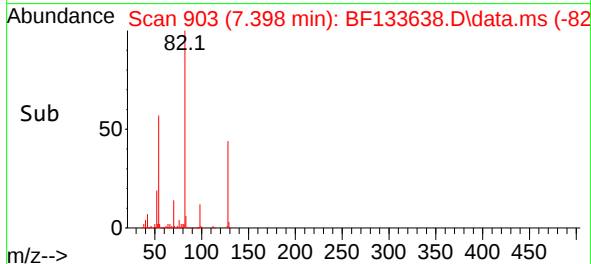
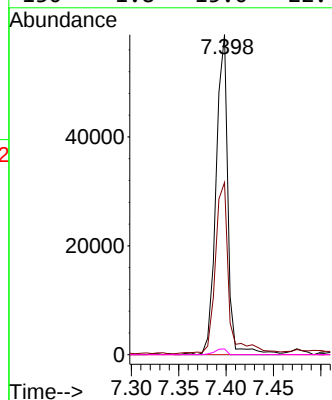
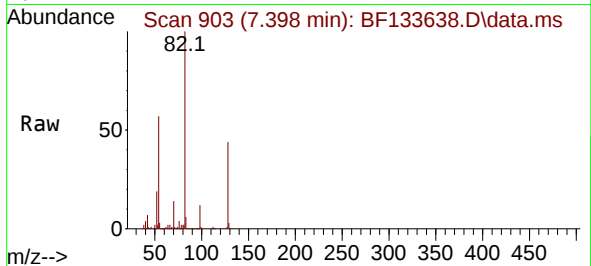


#19
n-Nitroso-di-n-propylamine
Concen: 9.141 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

Tgt Ion: 70 Resp: 51157

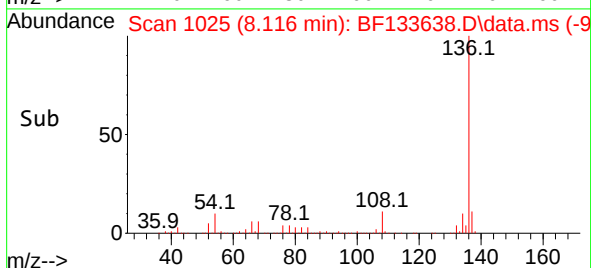
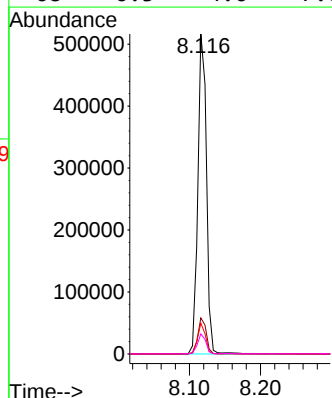
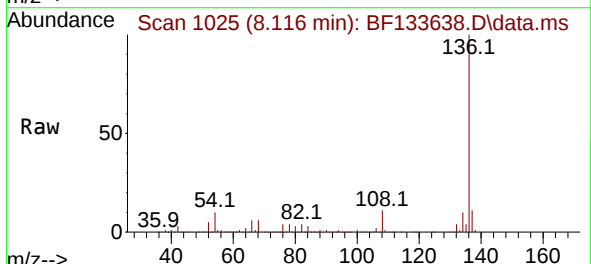
Ion	Ratio	Lower	Upper
70	100		
42	53.8	57.2	85.8#
101	0.0	7.3	10.9#
130	1.8	15.0	22.4#

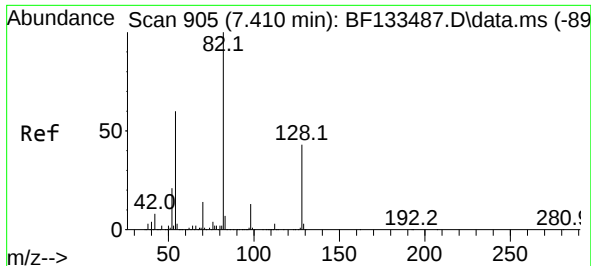


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

Tgt Ion: 136 Resp: 436163

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	9.6	6.6	10.0
68	6.3	4.6	7.0





#23

Nitrobenzene-d5

Concen: 54.610 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133638.D

Acq: 08 Jun 2023 12:58

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

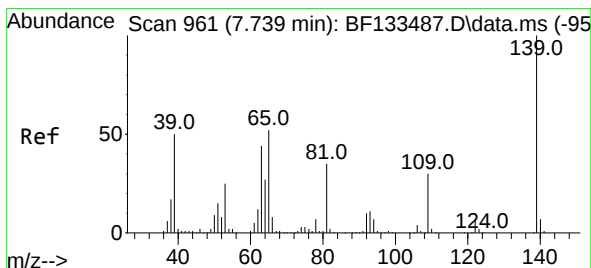
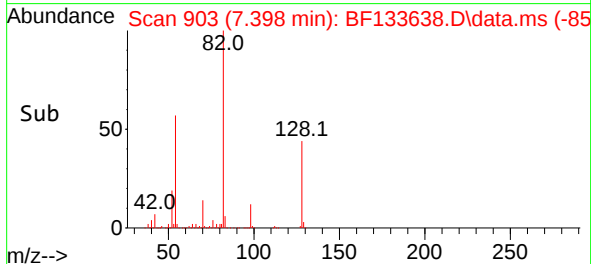
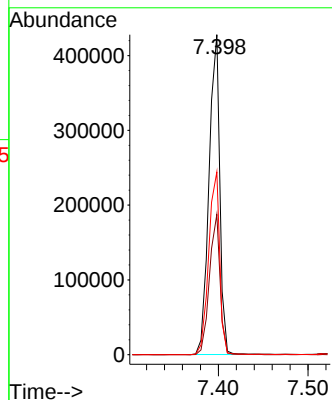
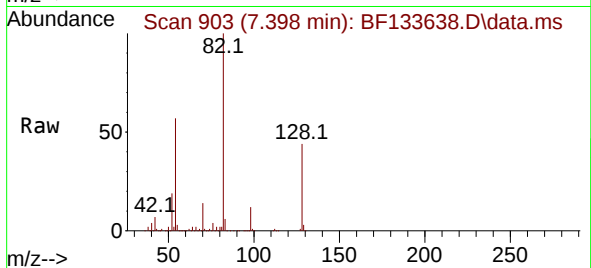
Tgt Ion: 82 Resp: 356736

Ion Ratio Lower Upper

82 100

128 43.9 34.2 51.4

54 57.1 48.2 72.4



#26

2-Nitrophenol

Concen: 4.869 ng

RT: 7.651 min Scan# 946

Delta R.T. -0.088 min

Lab File: BF133638.D

Acq: 08 Jun 2023 12:58

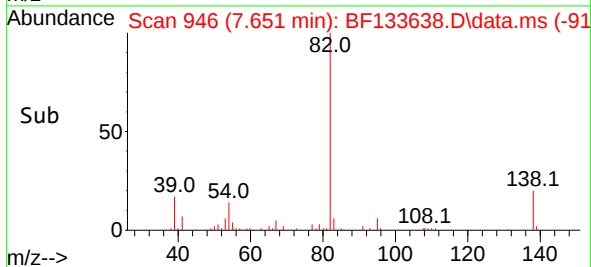
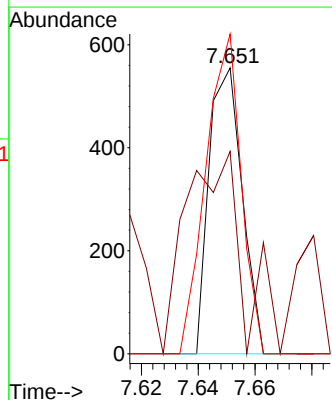
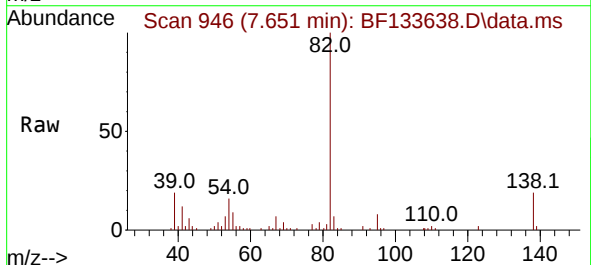
Tgt Ion:139 Resp: 449

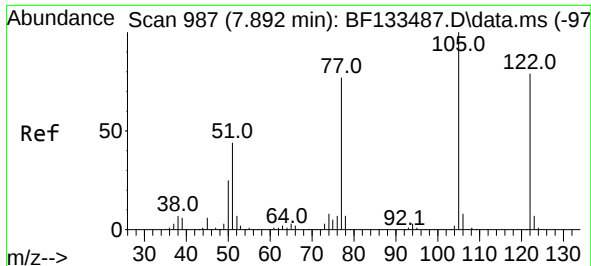
Ion Ratio Lower Upper

139 100

109 70.8 24.0 36.0#

65 111.9 41.7 62.5#

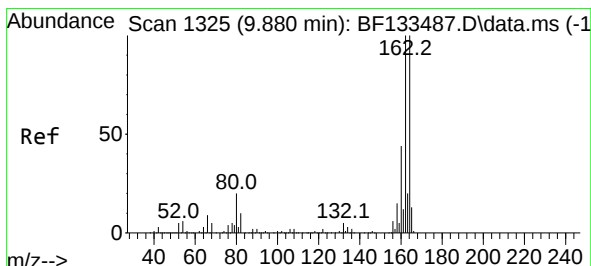
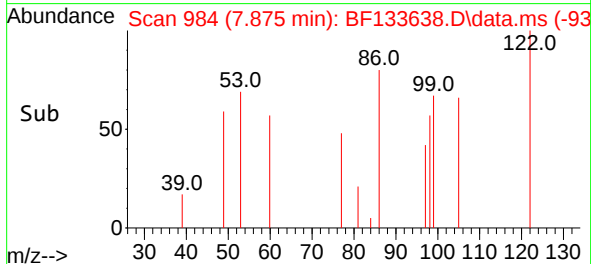
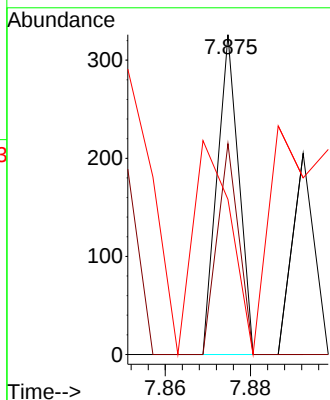
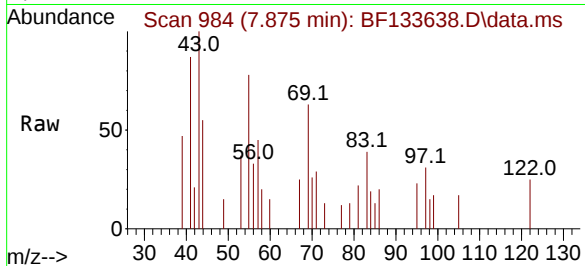




#32
Benzoic acid
Concen: 7.372 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.012 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

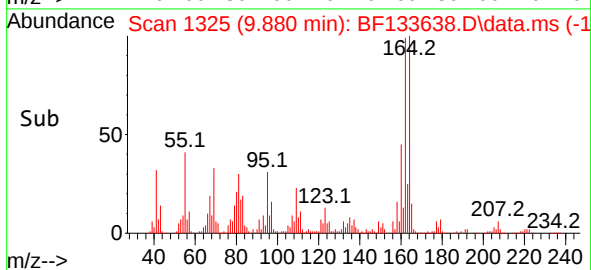
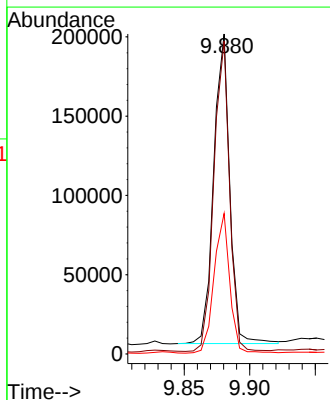
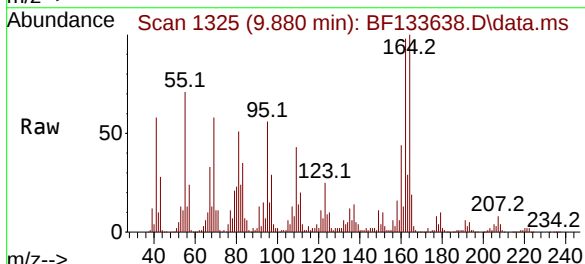
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

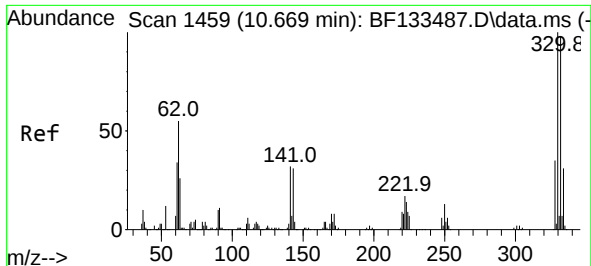
Tgt Ion:122 Resp: 115
Ion Ratio Lower Upper
122 100
105 66.0 103.3 143.3#
77 48.5 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

Tgt Ion:164 Resp: 165629
Ion Ratio Lower Upper
164 100
162 97.8 79.7 119.5
160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 39.203 ng

RT: 10.680 min Scan# 1459

Delta R.T. 0.012 min

Lab File: BF133638.D

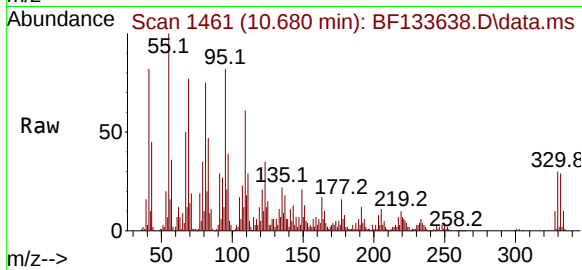
Acq: 08 Jun 2023 12:58

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1



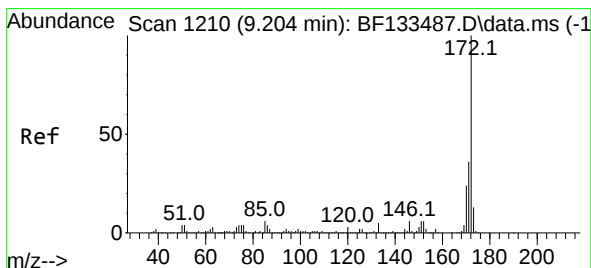
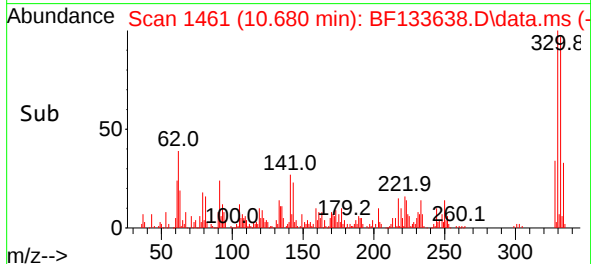
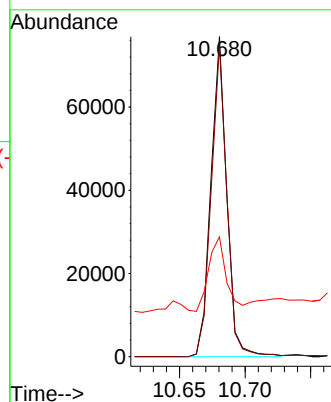
Tgt Ion:330 Resp: 64725

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.6

141 25.9 26.6 40.0#



#45

2-Fluorobiphenyl

Concen: 62.513 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133638.D

Acq: 08 Jun 2023 12:58

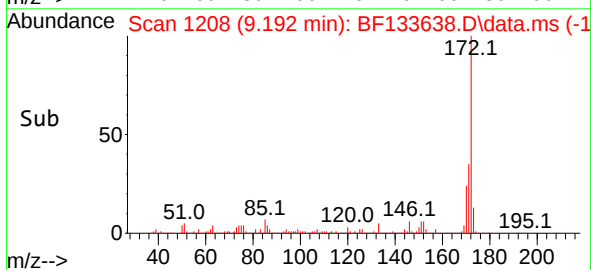
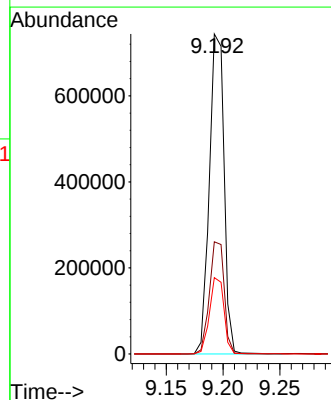
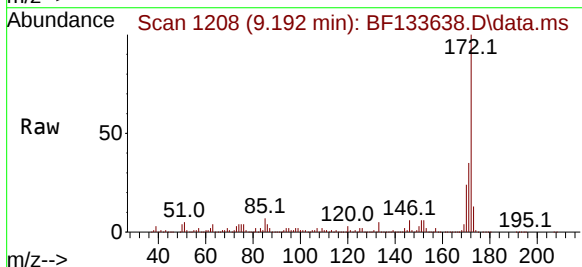
Tgt Ion:172 Resp: 670834

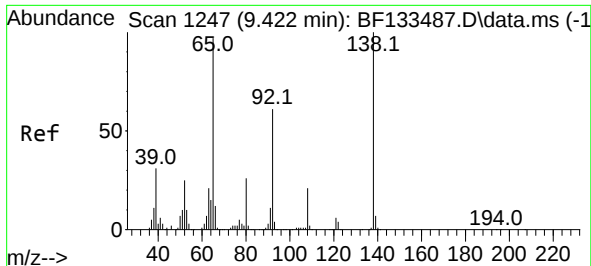
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.9 19.3 28.9

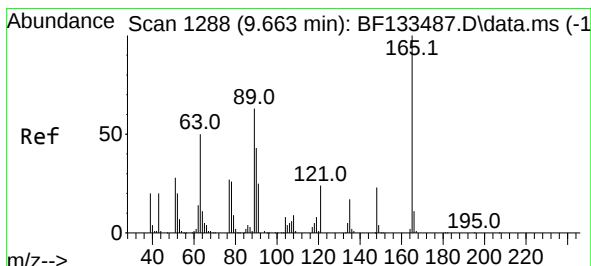
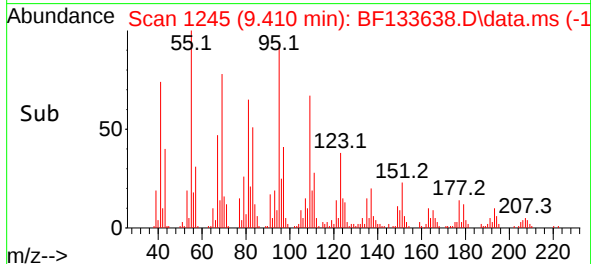
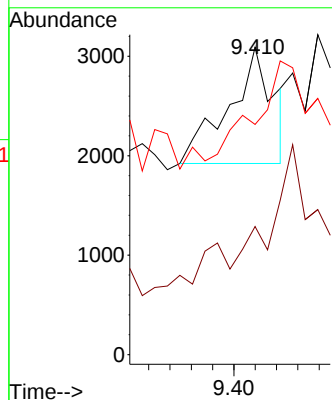
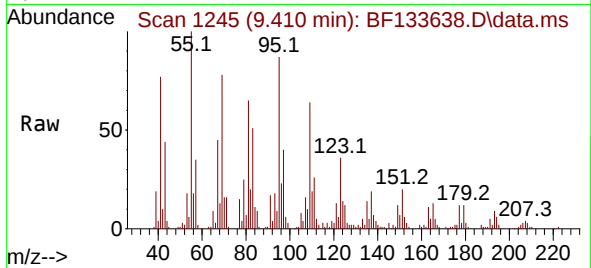




#48
2-Nitroaniline
Concen: 4.488 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

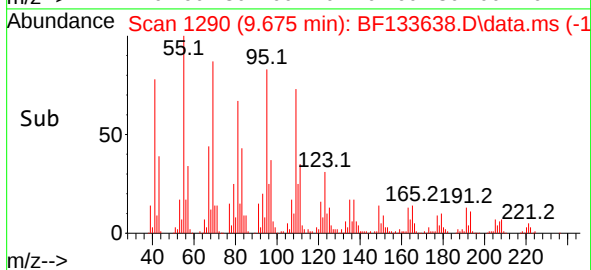
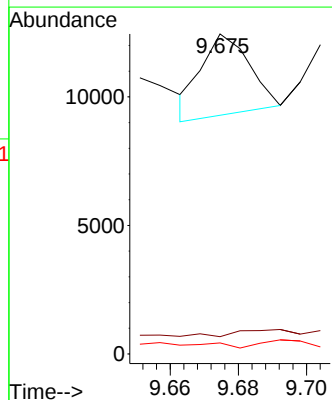
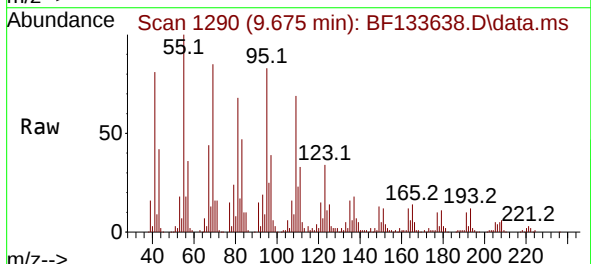
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

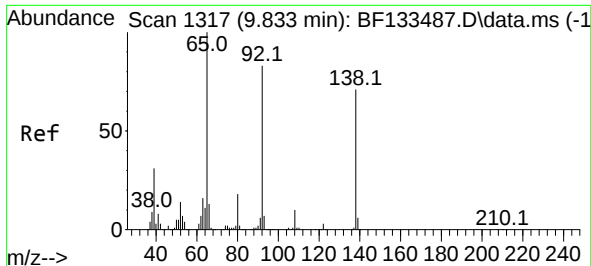
Tgt Ion: 65 Resp: 1700
Ion Ratio Lower Upper
65 100
92 41.7 50.8 76.2#
138 74.8 82.6 124.0#



#51
2,6-Dinitrotoluene
Concen: 4.986 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.012 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

Tgt Ion: 165 Resp: 3126
Ion Ratio Lower Upper
165 100
63 5.4 57.0 85.4#
89 3.5 50.8 76.2#

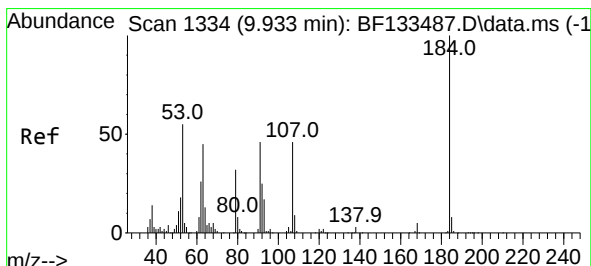
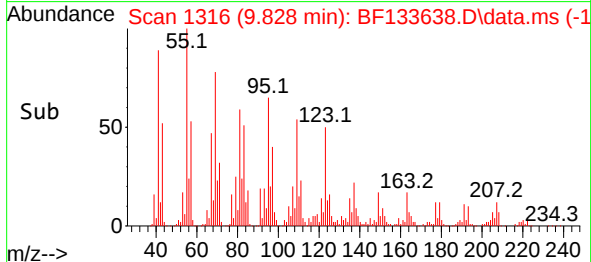
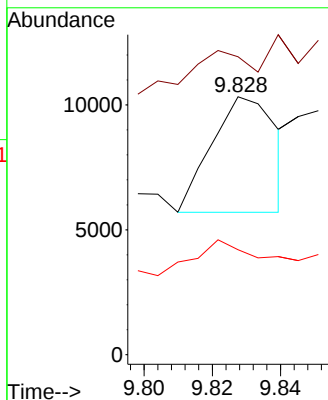
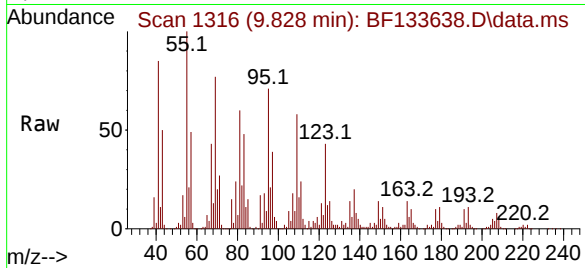




#53
3-Nitroaniline
Concen: 5.223 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

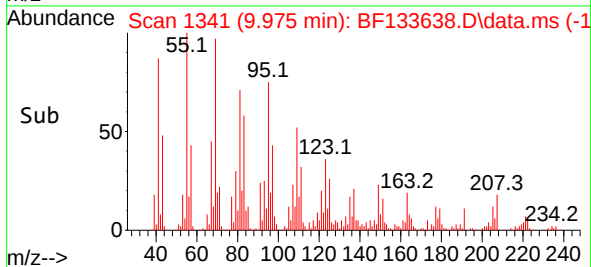
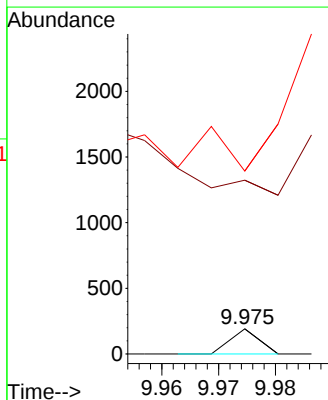
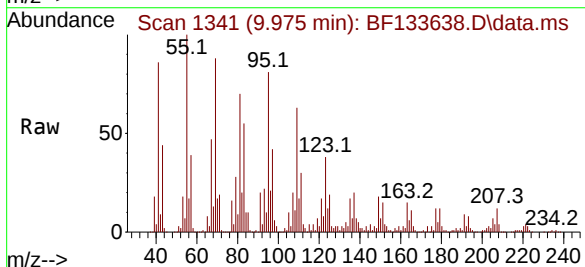
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

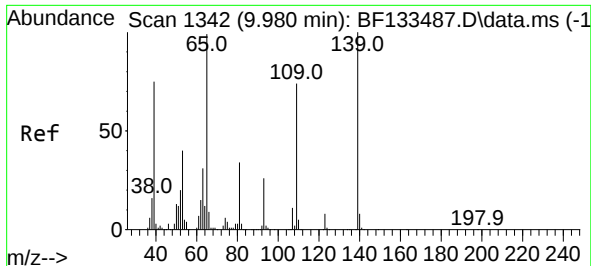
Tgt Ion:138 Resp: 6071
Ion Ratio Lower Upper
138 100
108 115.6 11.9 17.9#
92 40.7 93.1 139.7#



#54
2,4-Dinitrophenol
Concen: 6.591 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.035 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 692.7 55.7 83.5#
154 729.3 49.3 73.9#

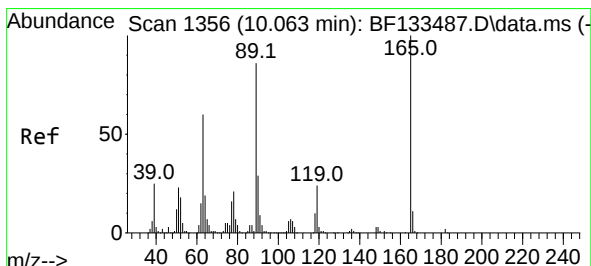
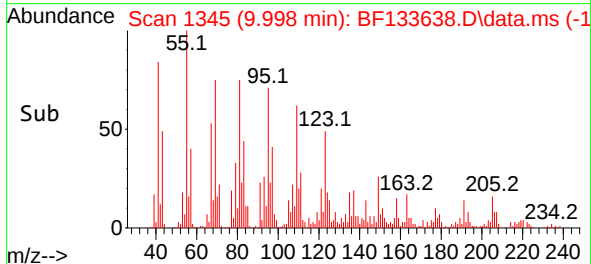
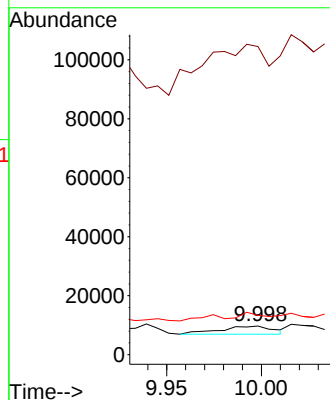
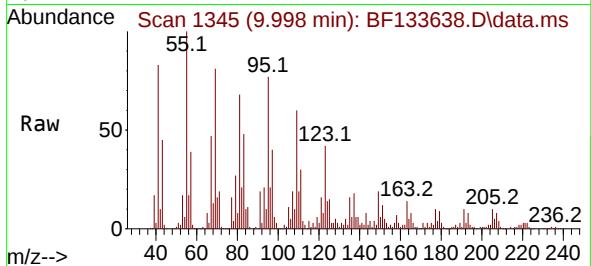




#56
4-Nitrophenol
Concen: 2.668 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

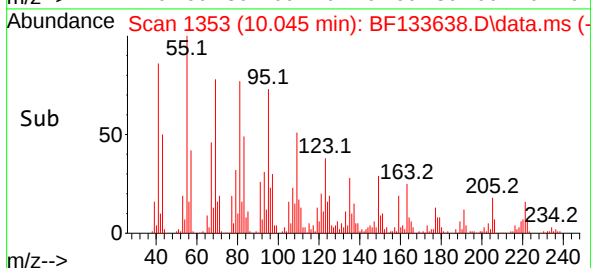
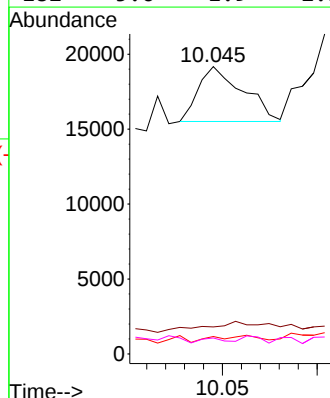
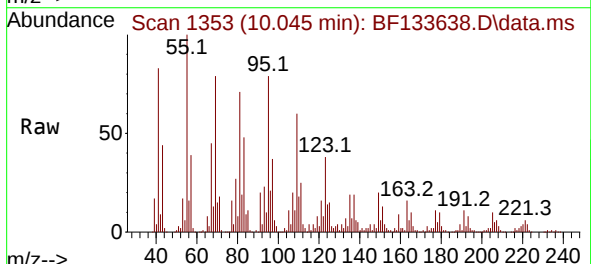
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

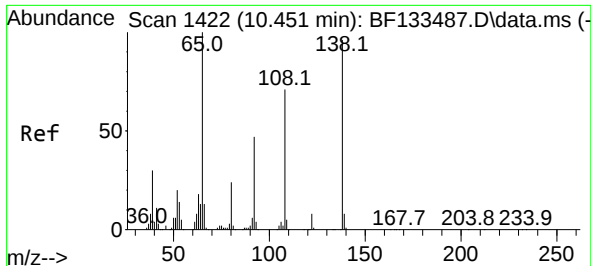
Tgt Ion:139 Resp: 5313
Ion Ratio Lower Upper
139 100
109 1076.3 54.5 94.5#
65 137.4 79.5 119.5#



#57
2,4-Dinitrotoluene
Concen: 6.706 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.023 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

Tgt Ion:165 Resp: 5976
Ion Ratio Lower Upper
165 100
63 9.4 48.1 72.1#
89 6.1 68.4 102.6#
182 5.6 1.9 2.9#

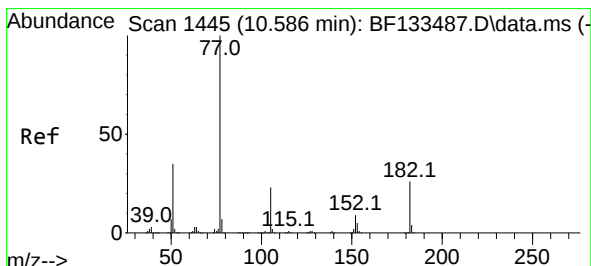
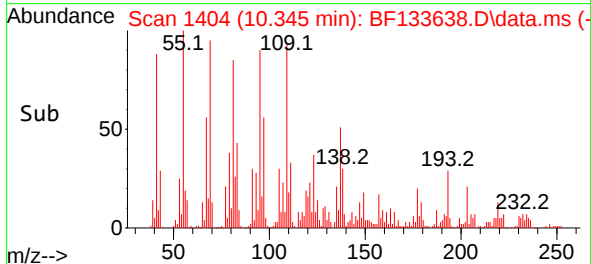
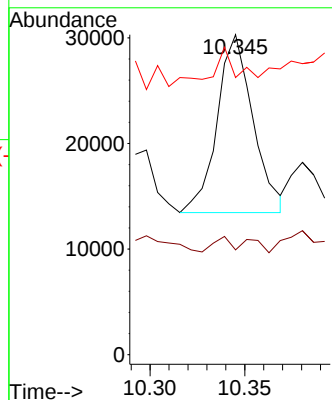
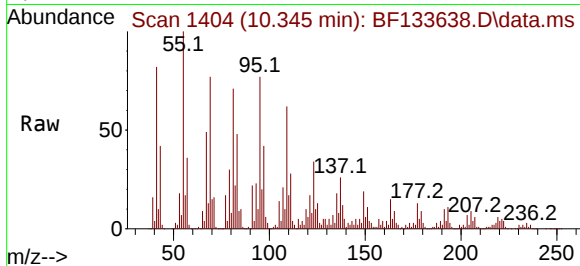




#62
4-Nitroaniline
Concen: 10.429 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.106 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

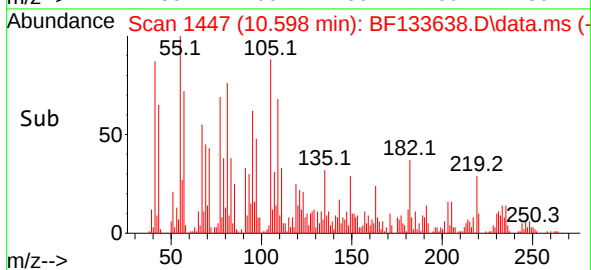
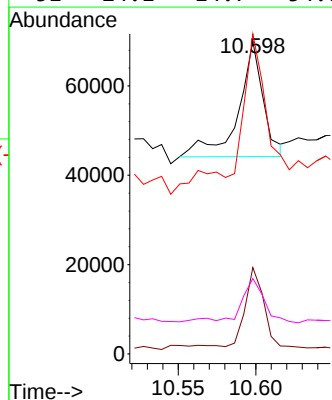
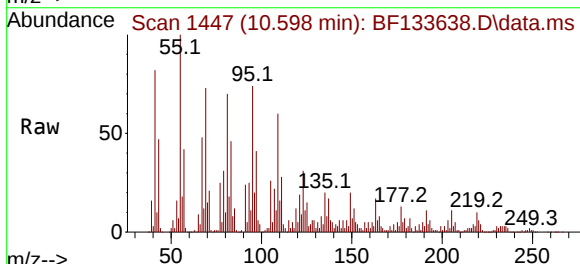
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

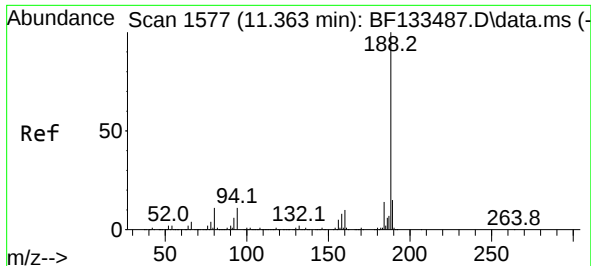
Tgt Ion:138 Resp: 22193
Ion Ratio Lower Upper
138 100
92 32.7 28.4 68.4
108 86.6 54.2 94.2



#63
Azobenzene
Concen: 2.387 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.018 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

Tgt Ion: 77 Resp: 28875
Ion Ratio Lower Upper
77 100
182 27.6 5.6 45.6
105 102.3 2.6 42.6#
51 24.1 14.7 54.7

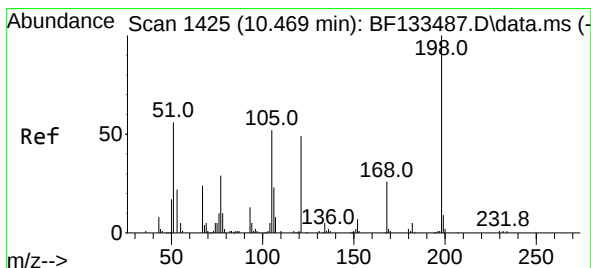
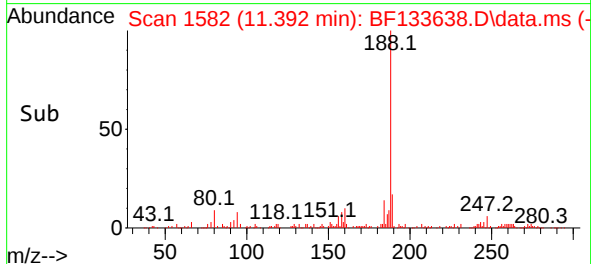
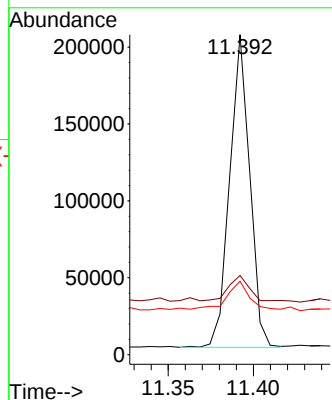
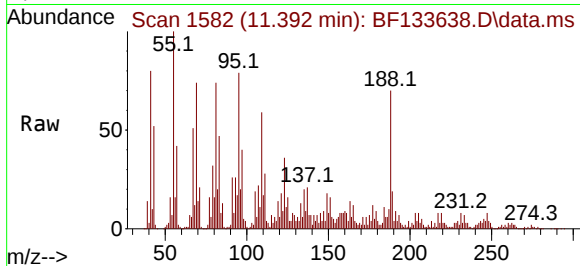




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

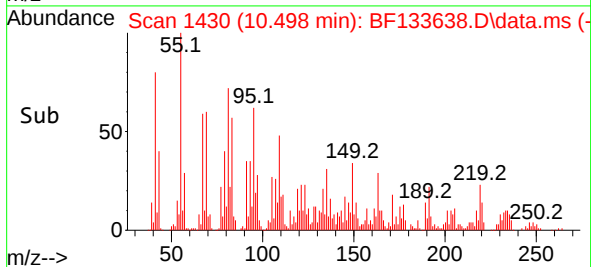
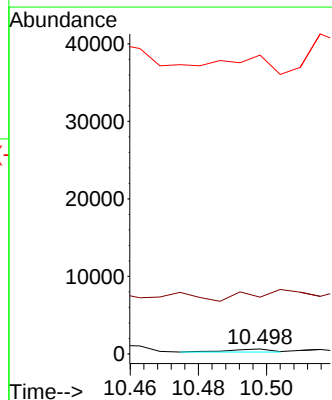
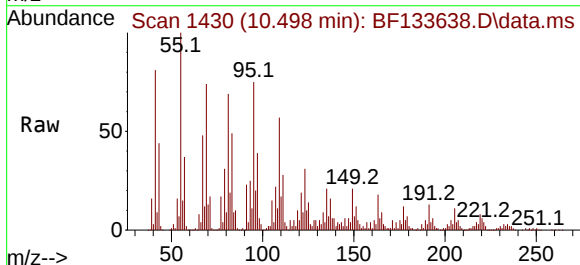
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

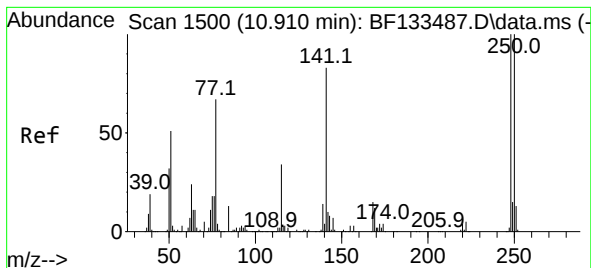
Tgt Ion:188 Resp: 166519
Ion Ratio Lower Upper
188 100
94 24.8 8.6 12.8#
80 22.9 9.2 13.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 9.113 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.018 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

Tgt Ion:198 Resp: 334
Ion Ratio Lower Upper
198 100
51 1155.1 53.6 93.6#
105 6069.9 35.9 75.9#

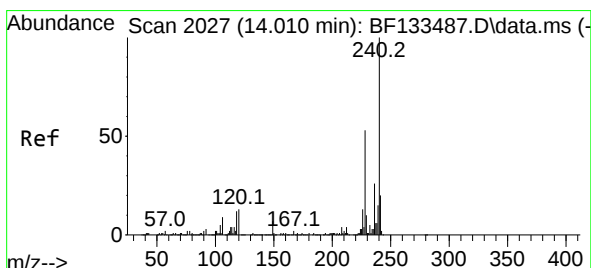
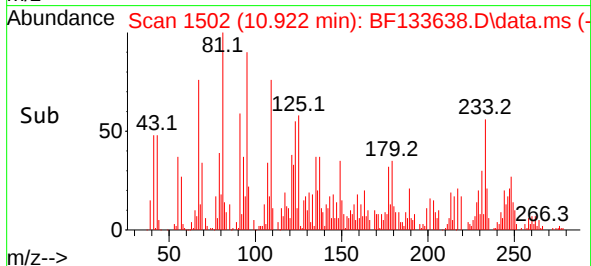
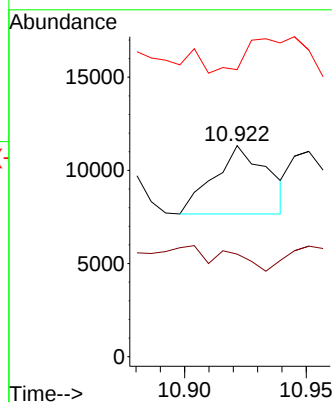
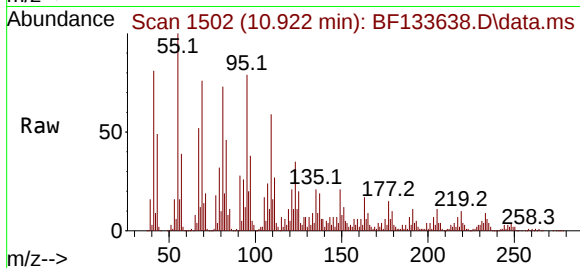




#67
4-Bromophenyl-phenylether
Concen: 3.164 ng
RT: 10.922 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

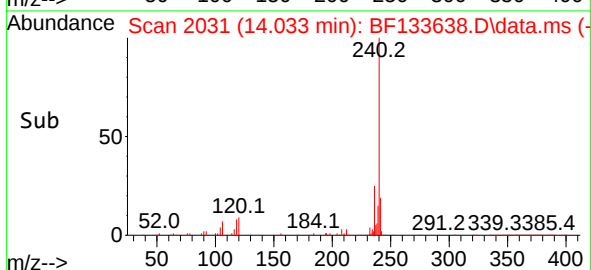
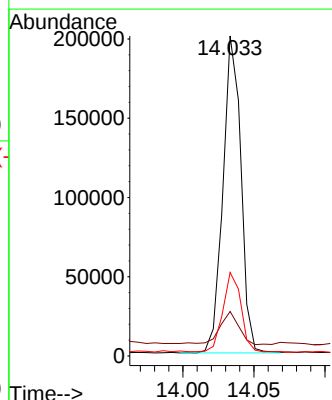
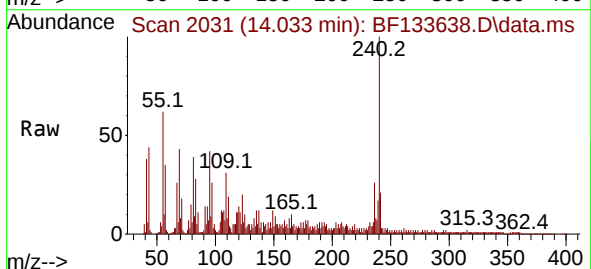
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

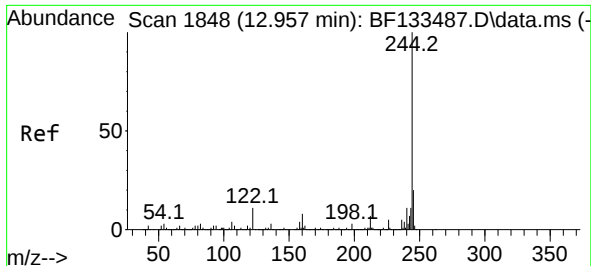
Tgt Ion:248 Resp: 5595
Ion Ratio Lower Upper
248 100
250 48.6 79.7 119.5#
141 136.0 66.6 100.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.018 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

Tgt Ion:240 Resp: 175803
Ion Ratio Lower Upper
240 100
120 13.9 10.3 15.5
236 26.1 20.5 30.7

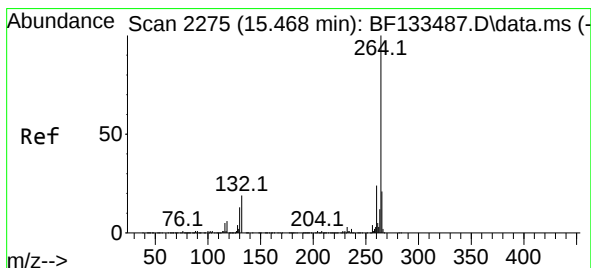
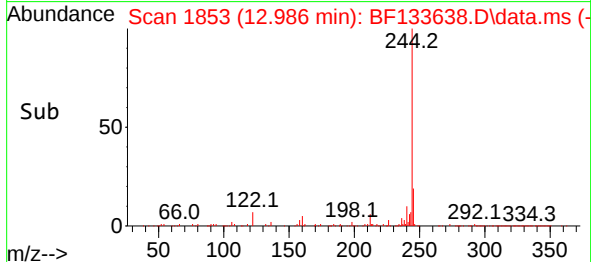
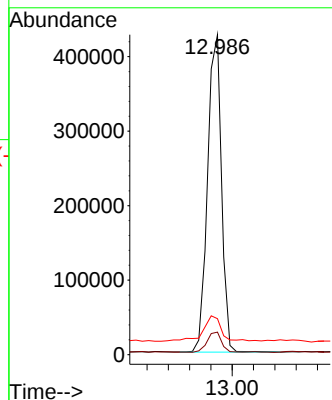
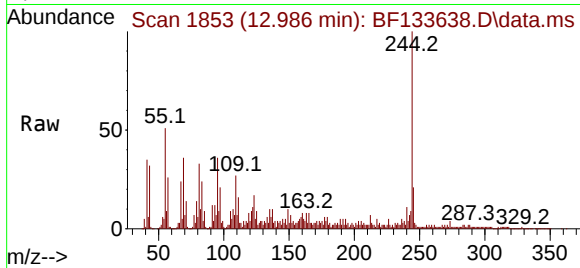




#79
 Terphenyl-d14
 Concen: 39.249 ng
 RT: 12.986 min Scan# 1848
 Delta R.T. 0.029 min
 Lab File: BF133638.D
 Acq: 08 Jun 2023 12:58

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Tgt Ion:244 Resp: 388088
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.012 min
 Lab File: BF133638.D
 Acq: 08 Jun 2023 12:58

Tgt Ion:264 Resp: 216944
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 22.0 16.8 25.2

