

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133574.D
 Acq On : 05 Jun 2023 19:41
 Operator : CG\JU
 Sample : 02987-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLAST-WALL-23

Quant Time: Jun 06 01:06:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

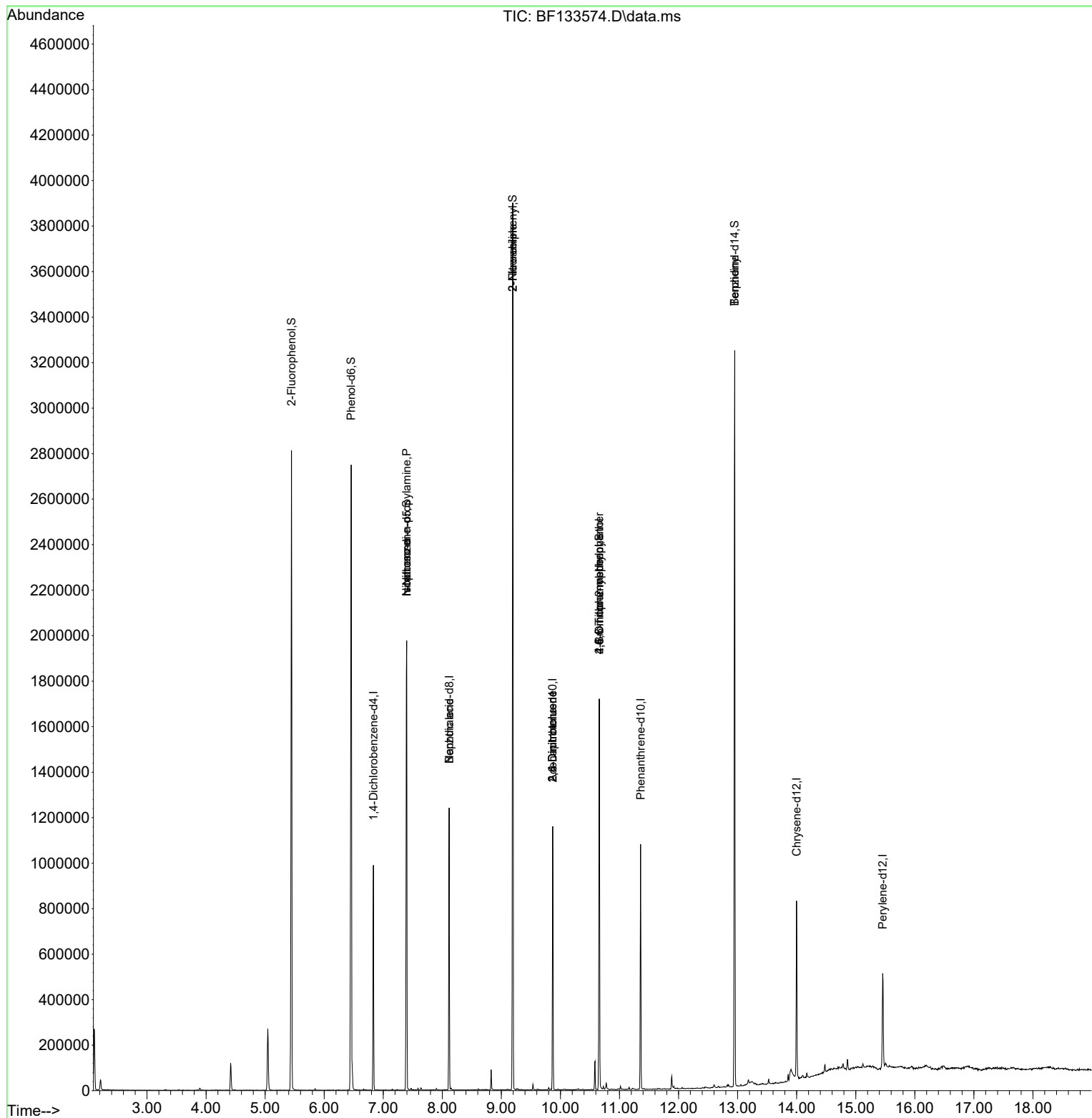
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	129629	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	467366	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	208024	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	356139	20.000	ng	0.00
76) Chrysene-d12	13.998	240	240322	20.000	ng	0.00
86) Perylene-d12	15.457	264	188859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	752139	96.808	ng	0.01
7) Phenol-d6	6.457	99	943579	98.658	ng	0.00
23) Nitrobenzene-d5	7.398	82	601071	85.870	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	191750	92.471	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1099171	81.553	ng	0.00
79) Terphenyl-d14	12.951	244	1101708	81.508	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.457	77	1575	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	82974	13.409	ng	# 75
25) Isophorone	7.398	82	601058	36.844	ng	# 65
32) Benzoic acid	8.116	122	151	7.377	ng	# 1
48) 2-Nitroaniline	9.192	65	1782	4.406	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	26132	12.362	ng	# 18
57) 2,4-Dinitrotoluene	9.869	165	26132	11.571	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.657	198	421	8.948	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	11628	3.074	ng	# 1
77) Benzidine	12.951	184	14879	2.117	ng	# 95

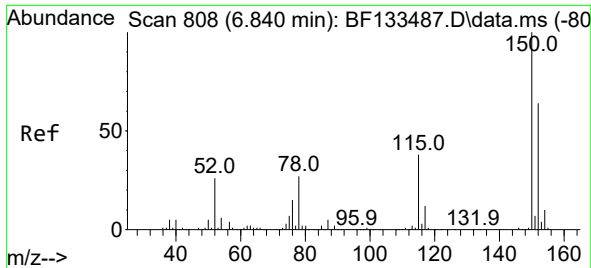
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
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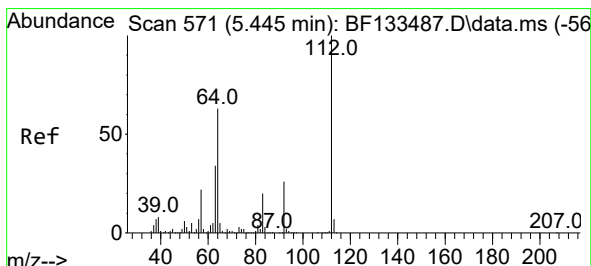
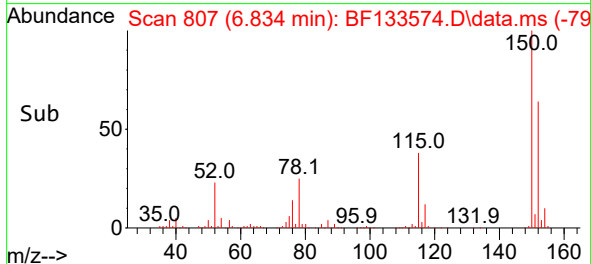
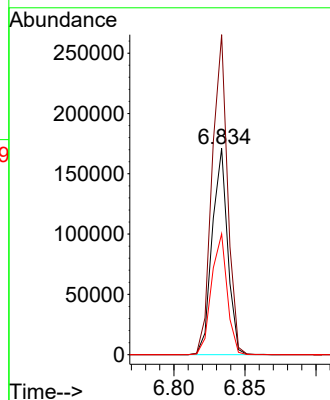
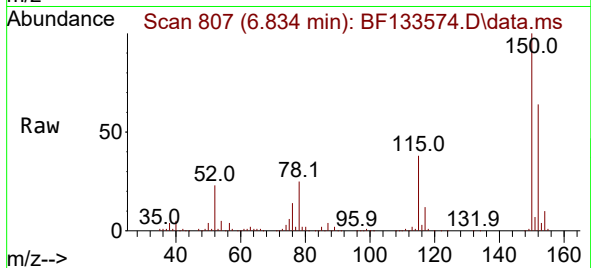




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41

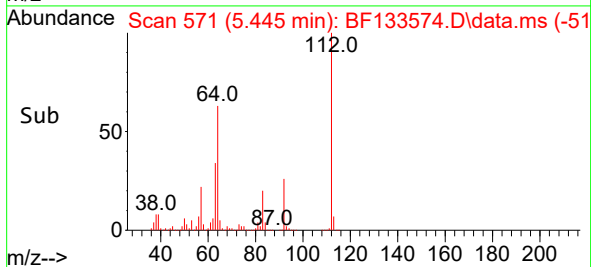
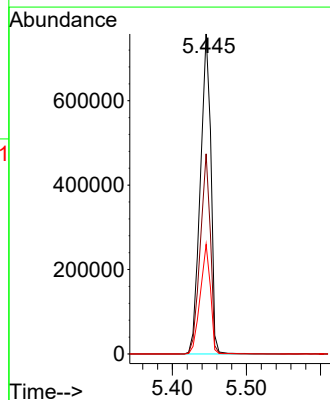
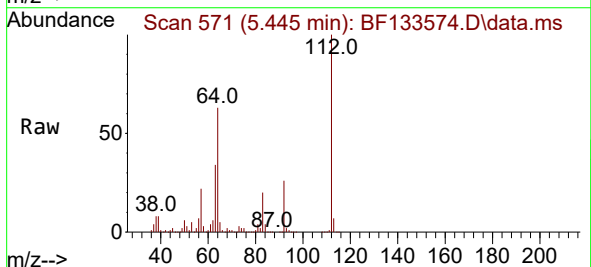
Instrument :
BNA_F
ClientSampleId :
BLAST-WALL-23

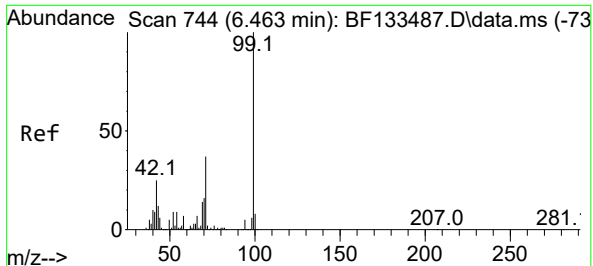
Tgt Ion:152 Resp: 129629
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 58.5 48.1 72.1



#5
2-Fluorophenol
Concen: 96.808 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41

Tgt Ion:112 Resp: 752139
Ion Ratio Lower Upper
112 100
64 62.6 50.1 75.1
63 34.3 27.5 41.3

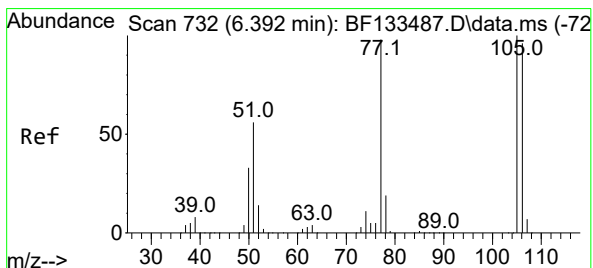
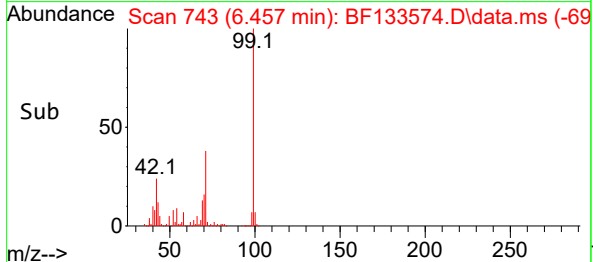
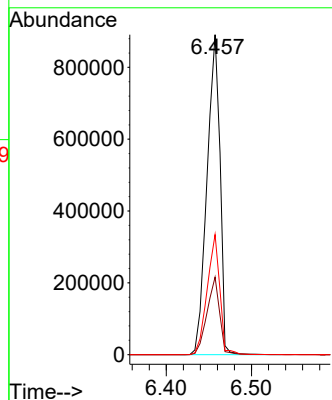
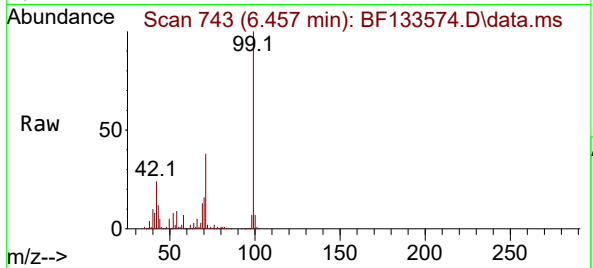




#7
Phenol-d6
Concen: 98.658 ng
RT: 6.457 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41

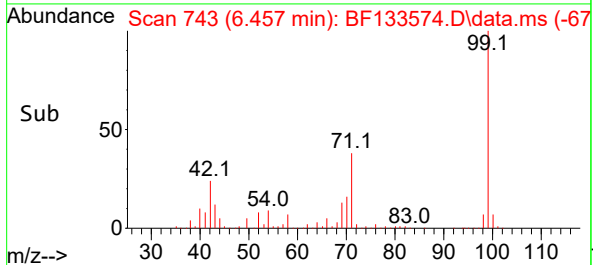
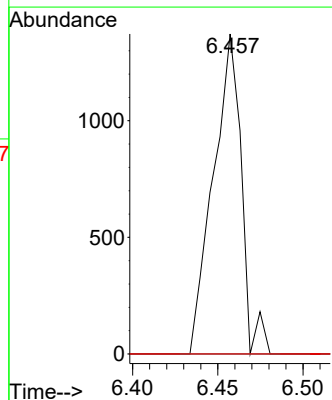
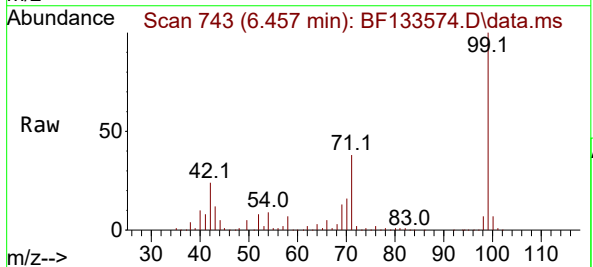
Instrument :
BNA_F
ClientSampleId :
BLAST-WALL-23

Tgt Ion: 99 Resp: 943579
Ion Ratio Lower Upper
99 100
42 24.2 19.7 29.5
71 37.6 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.457 min Scan# 743
Delta R.T. 0.077 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41

Tgt Ion: 77 Resp: 1575
Ion Ratio Lower Upper
77 100
105 0.0 81.9 121.9#
106 0.0 77.8 117.8#

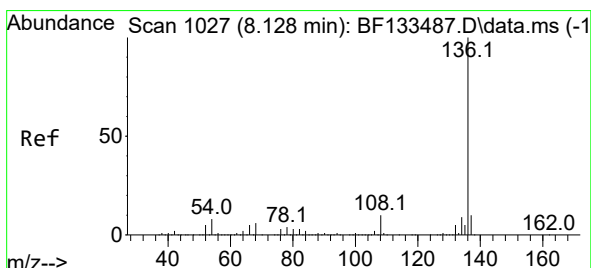
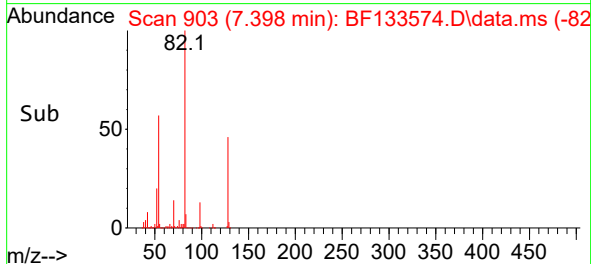
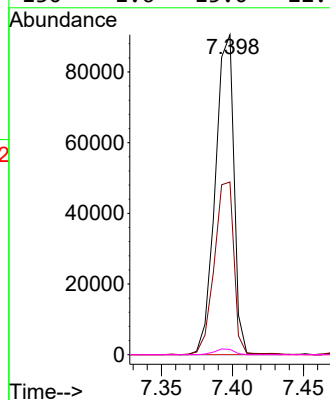
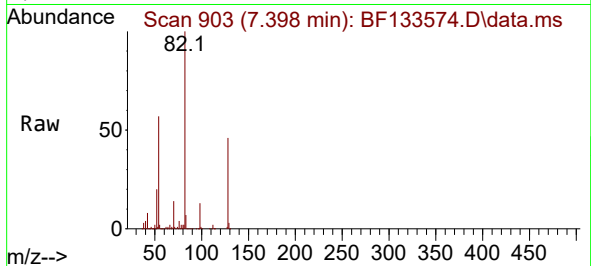




#19
n-Nitroso-di-n-propylamine
Concen: 13.409 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41

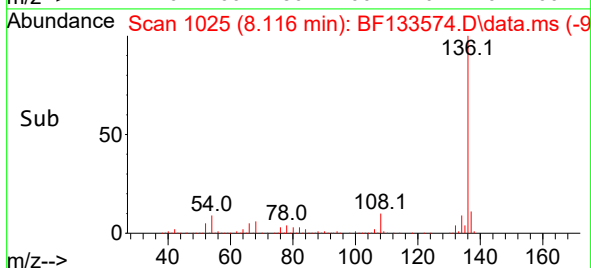
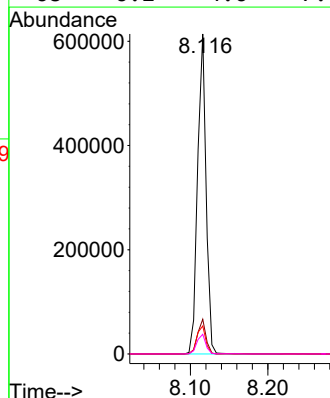
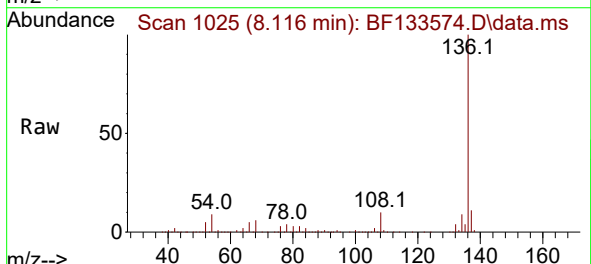
Instrument :
BNA_F
ClientSampleId :
BLAST-WALL-23

Tgt Ion: 70 Resp: 82974
Ion Ratio Lower Upper
70 100
42 53.9 57.2 85.8#
101 0.0 7.3 10.9#
130 1.6 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41

Tgt Ion:136 Resp: 467366
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 8.8 6.6 10.0
68 6.2 4.6 7.0





#23

Nitrobenzene-d5

Concen: 85.870 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF133574.D

Acq: 05 Jun 2023 19:41

Instrument :

BNA_F

ClientSampleId :

BLAST-WALL-23

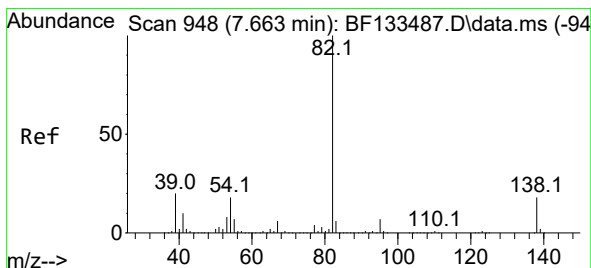
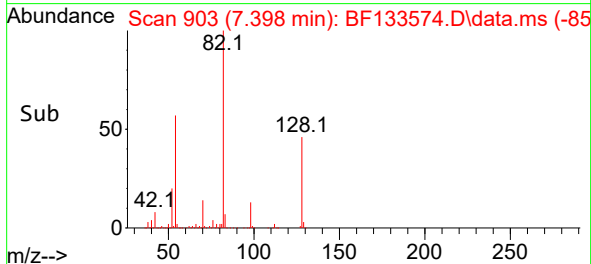
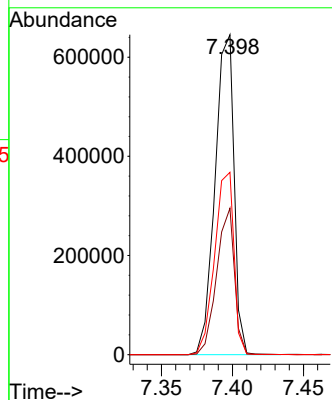
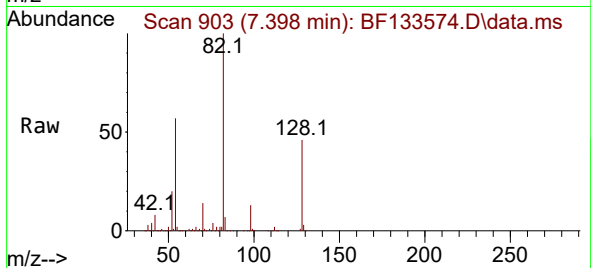
Tgt Ion: 82 Resp: 601071

Ion Ratio Lower Upper

82 100

128 45.8 34.2 51.4

54 57.0 48.2 72.4



#25

Isophorone

Concen: 36.844 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.259 min

Lab File: BF133574.D

Acq: 05 Jun 2023 19:41

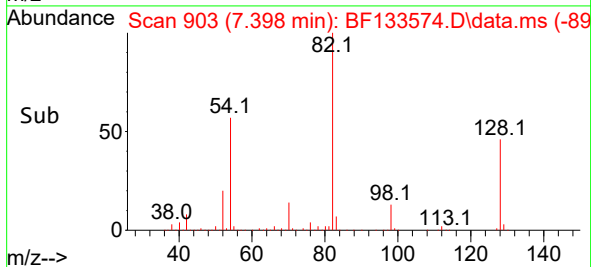
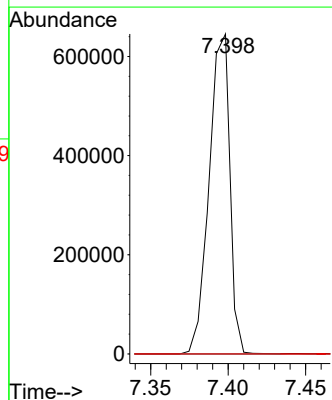
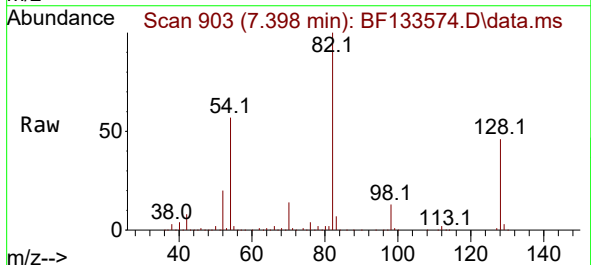
Tgt Ion: 82 Resp: 601058

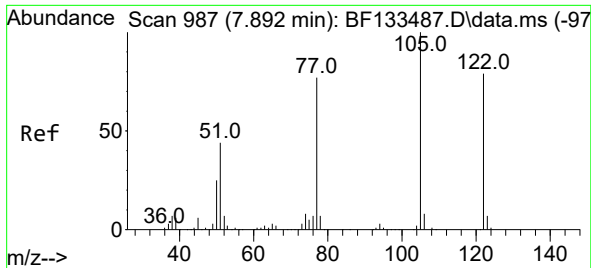
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

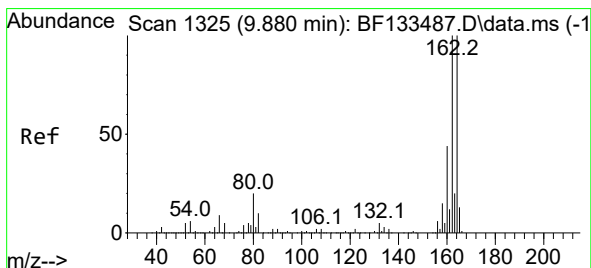
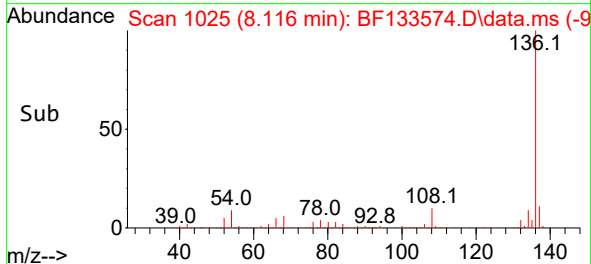
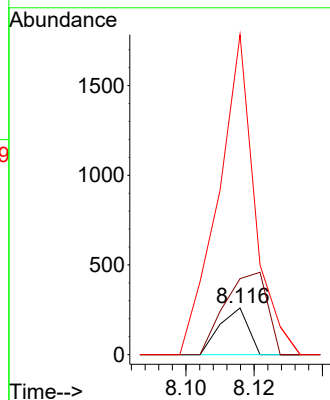
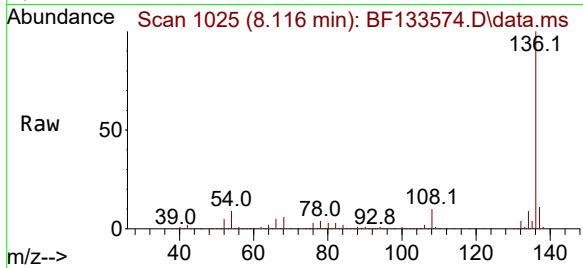




#32
Benzoic acid
Concen: 7.377 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.253 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41

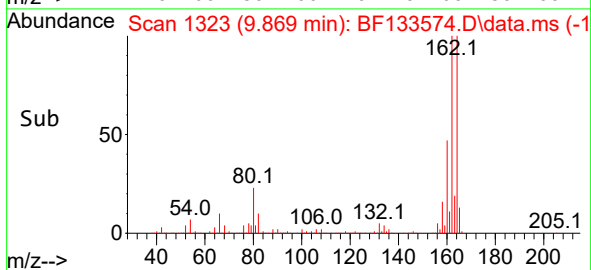
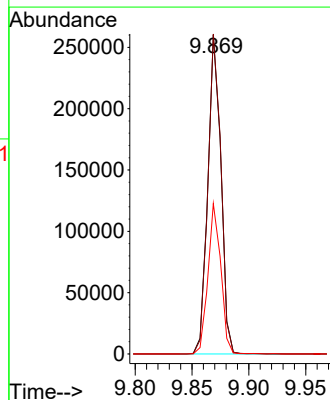
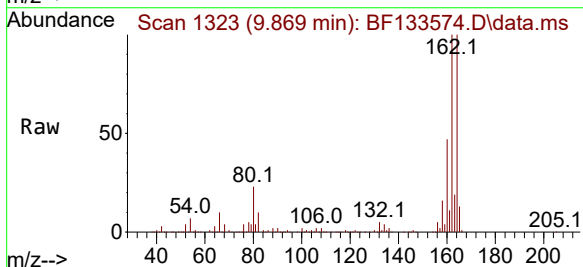
Instrument :
BNA_F
ClientSampleId :
BLAST-WALL-23

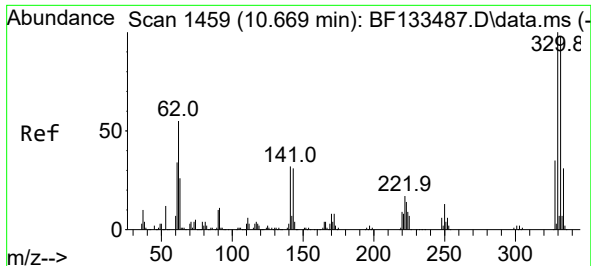
Tgt Ion:122 Resp: 151
Ion Ratio Lower Upper
122 100
105 162.7 103.3 143.3#
77 686.2 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41

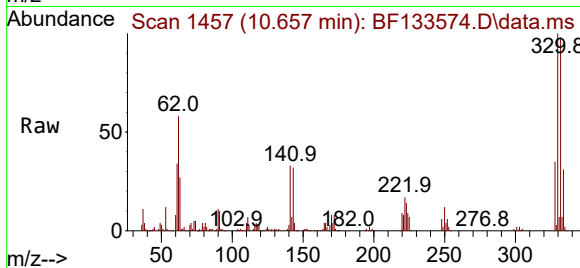
Tgt Ion:164 Resp: 208024
Ion Ratio Lower Upper
164 100
162 100.3 79.7 119.5
160 47.2 35.4 53.0



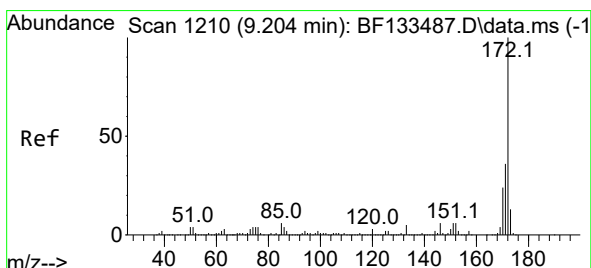
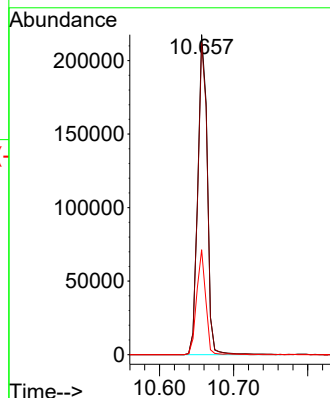
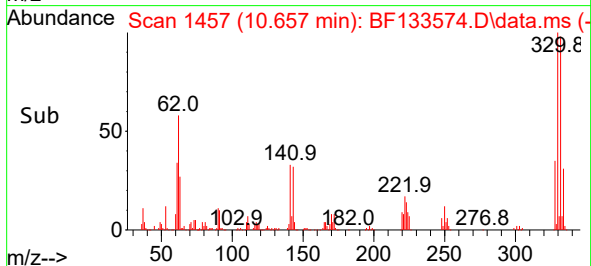


#42
2,4,6-Tribromophenol
Concen: 92.471 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41

Instrument :
BNA_F
ClientSampleId :
BLAST-WALL-23

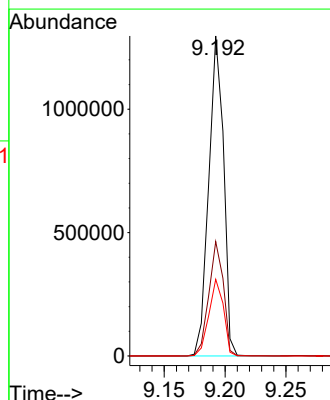
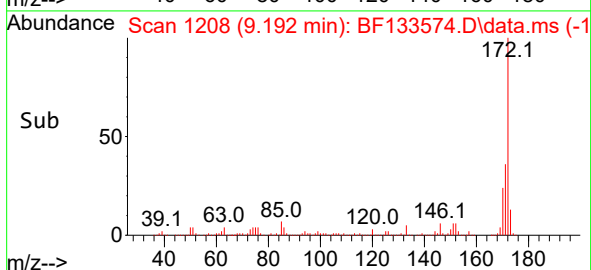
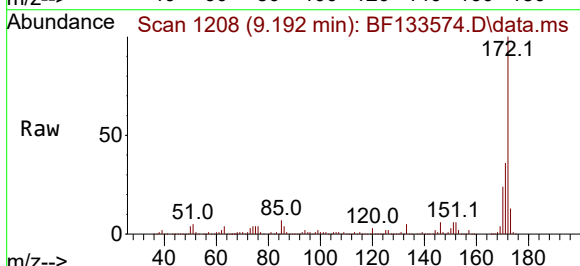


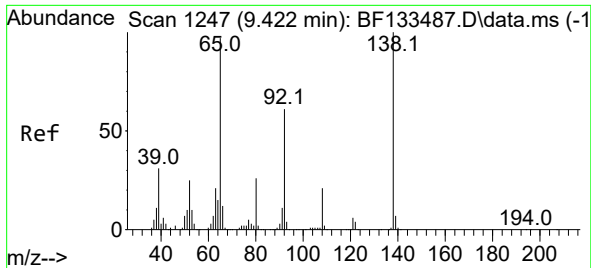
Tgt Ion:330 Resp: 191750
Ion Ratio Lower Upper
330 100
332 98.4 77.8 116.6
141 31.3 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 81.553 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41

Tgt Ion:172 Resp: 1099171
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.0 19.3 28.9

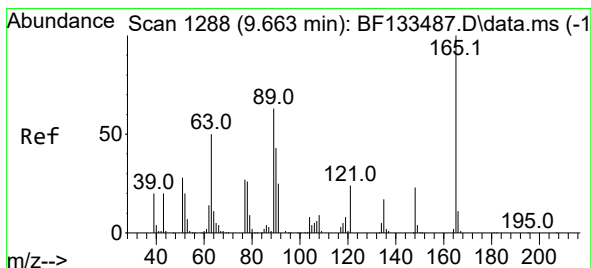
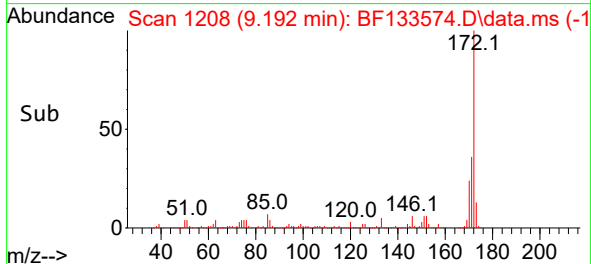
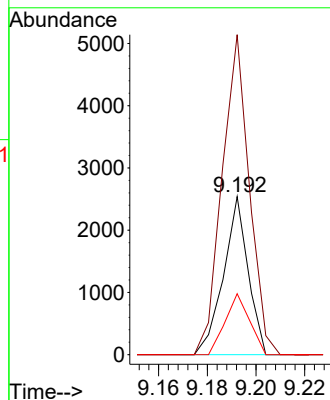
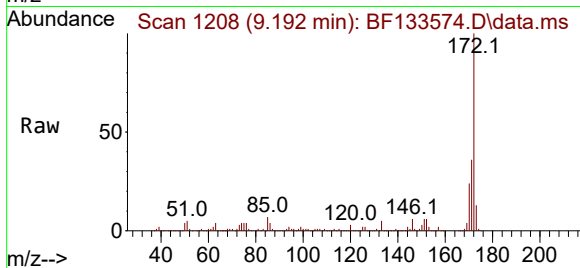




#48
2-Nitroaniline
Concen: 4.406 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41

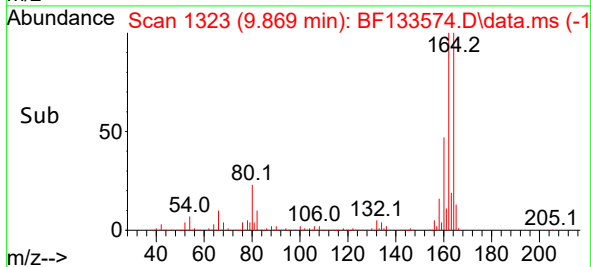
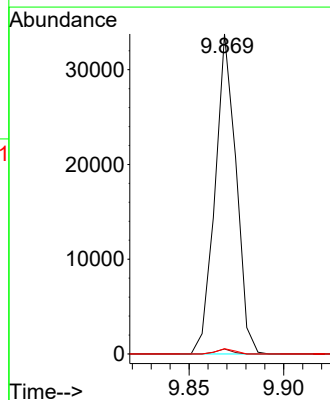
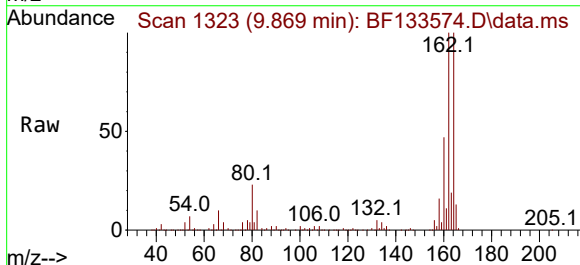
Instrument :
BNA_F
ClientSampleId :
BLAST-WALL-23

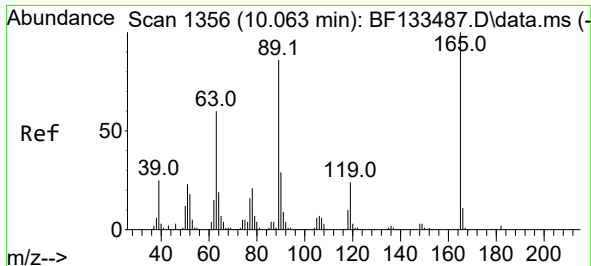
Tgt Ion: 65 Resp: 1782
Ion Ratio Lower Upper
65 100
92 202.5 50.8 76.2#
138 38.6 82.6 124.0#



#51
2,6-Dinitrotoluene
Concen: 12.362 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.212 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41

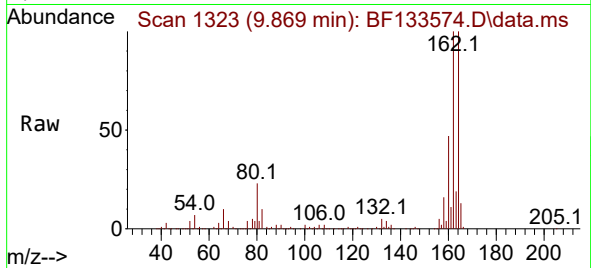
Tgt Ion: 165 Resp: 26132
Ion Ratio Lower Upper
165 100
63 1.6 57.0 85.4#
89 1.6 50.8 76.2#



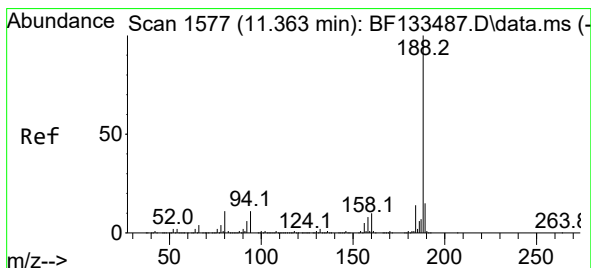
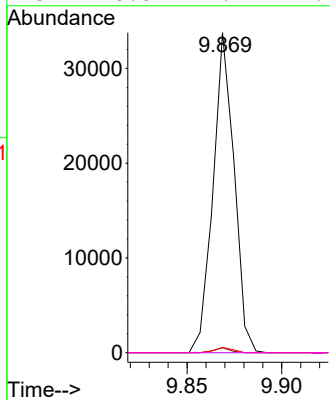
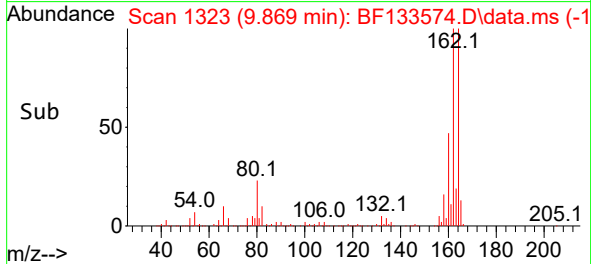


#57
2,4-Dinitrotoluene
Concen: 11.571 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41

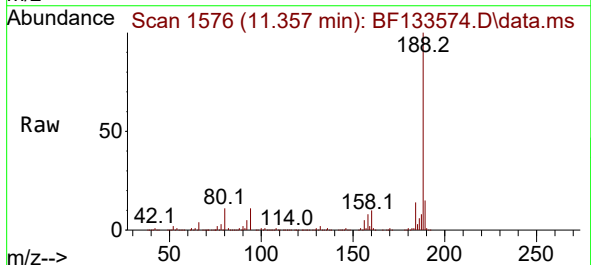
Instrument :
BNA_F
ClientSampleId :
BLAST-WALL-23



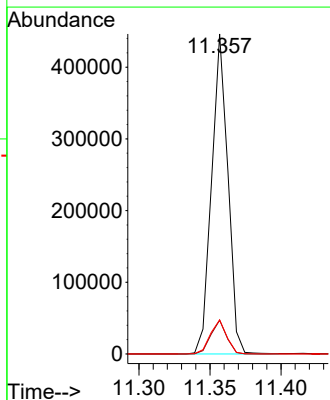
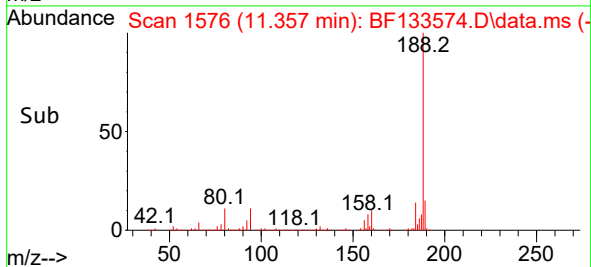
Tgt Ion:165 Resp: 26132
Ion Ratio Lower Upper
165 100
63 1.6 48.1 72.1#
89 1.6 68.4 102.6#
182 0.0 1.9 2.9#

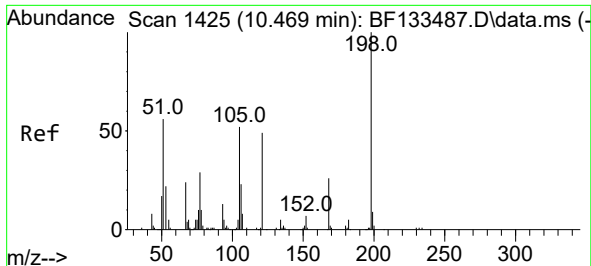


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF133574.D
Acq: 05 Jun 2023 19:41



Tgt Ion:188 Resp: 356139
Ion Ratio Lower Upper
188 100
94 10.5 8.6 12.8
80 10.7 9.2 13.8

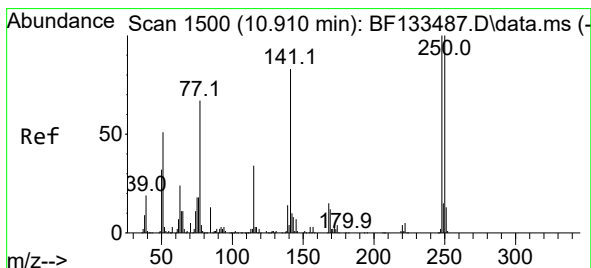
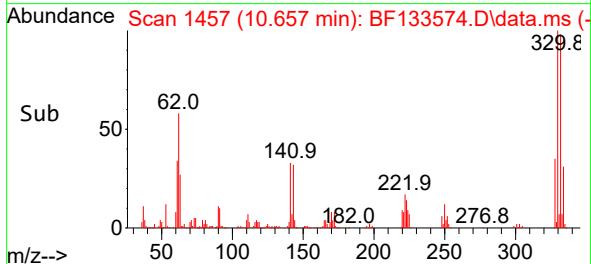
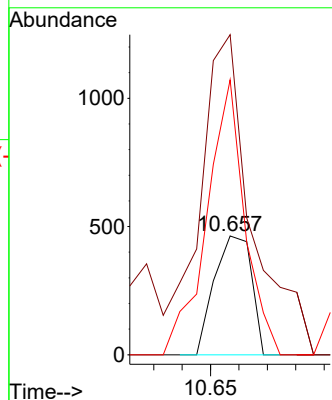
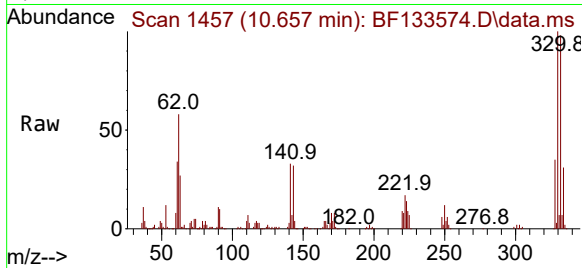




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.948 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. 0.194 min
 Lab File: BF133574.D
 Acq: 05 Jun 2023 19:41

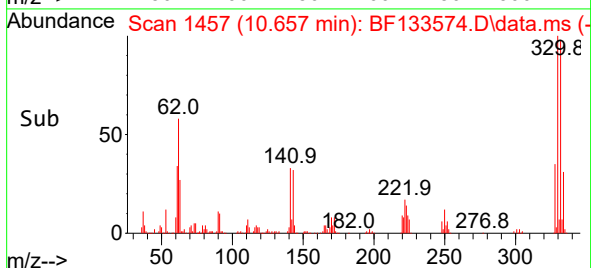
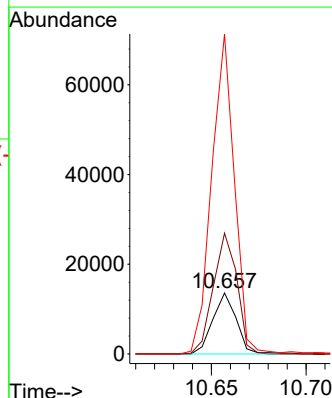
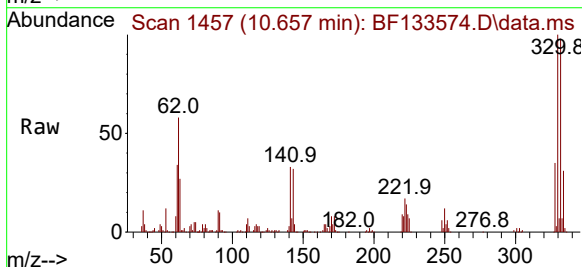
Instrument :
 BNA_F
 ClientSampleId :
 BLAST-WALL-23

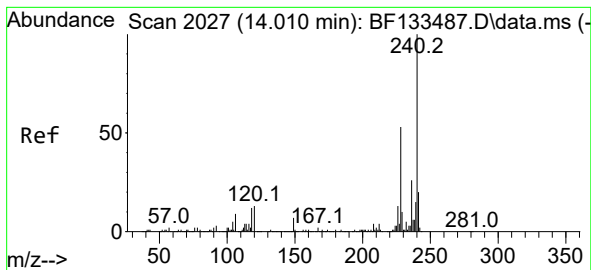
Tgt Ion:198 Resp: 421
 Ion Ratio Lower Upper
 198 100
 51 269.5 53.6 93.6#
 105 231.5 35.9 75.9#



#67
 4-Bromophenyl-phenylether
 Concen: 3.074 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. -0.247 min
 Lab File: BF133574.D
 Acq: 05 Jun 2023 19:41

Tgt Ion:248 Resp: 11628
 Ion Ratio Lower Upper
 248 100
 250 198.4 79.7 119.5#
 141 525.4 66.6 100.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133574.D

Acq: 05 Jun 2023 19:41

Instrument :

BNA_F

ClientSampleId :

BLAST-WALL-23

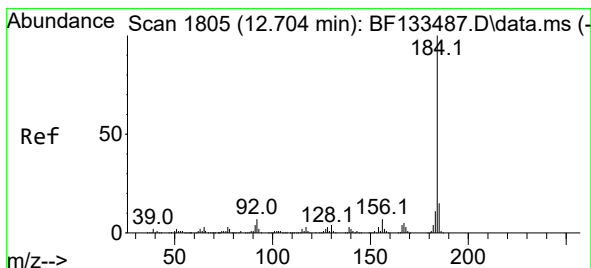
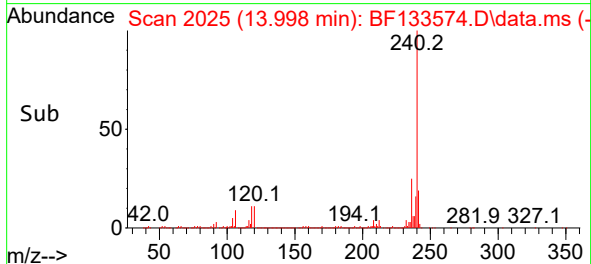
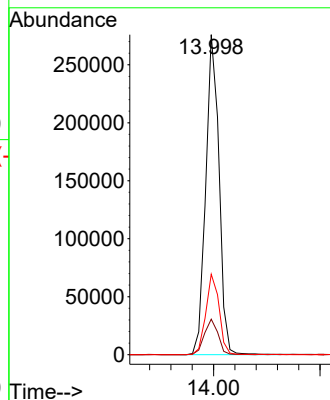
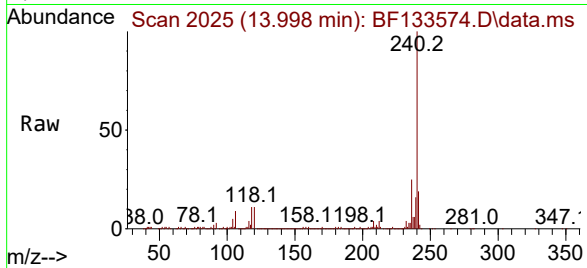
Tgt Ion:240 Resp: 240322

Ion Ratio Lower Upper

240 100

120 11.1 10.3 15.5

236 25.1 20.5 30.7



#77

Benzdine

Concen: 2.117 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.259 min

Lab File: BF133574.D

Acq: 05 Jun 2023 19:41

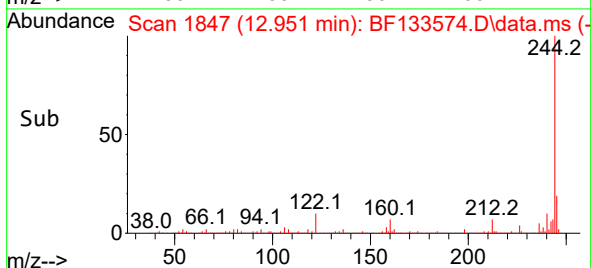
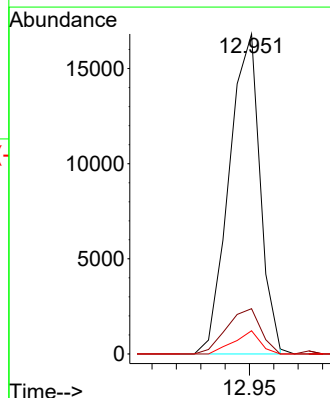
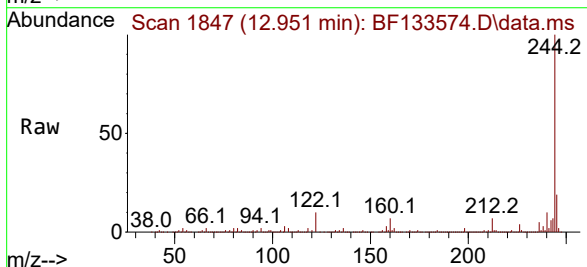
Tgt Ion:184 Resp: 14879

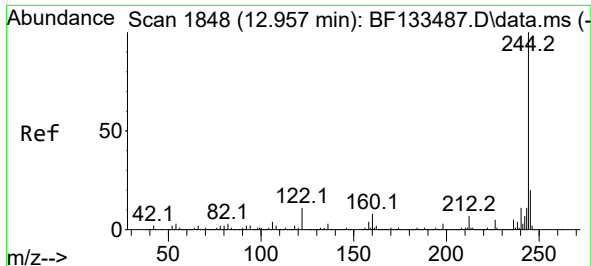
Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

183 7.3 8.7 13.1#

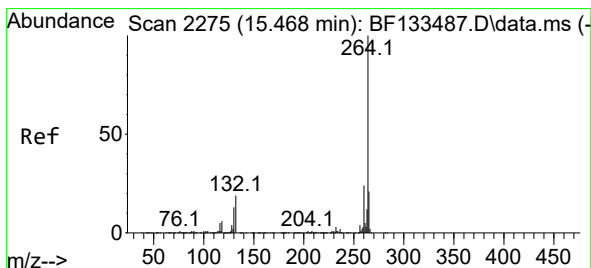
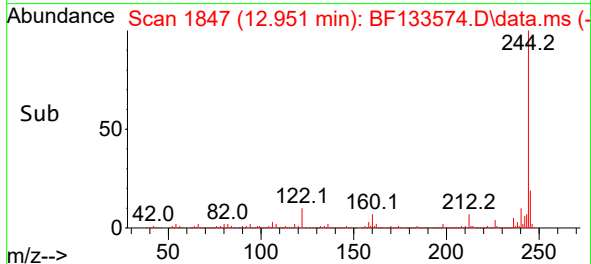
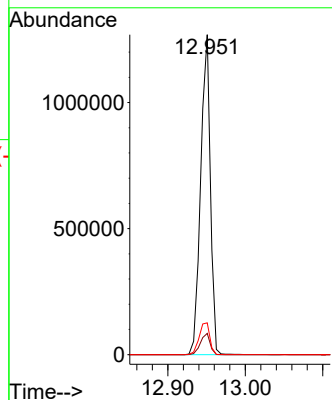
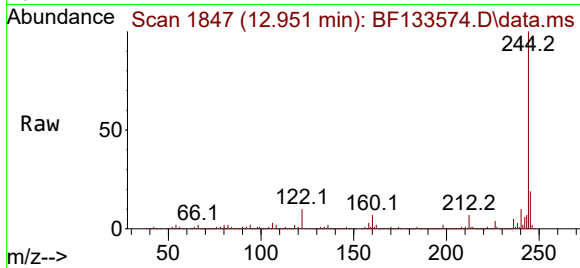




#79
 Terphenyl-d14
 Concen: 81.508 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133574.D
 Acq: 05 Jun 2023 19:41

Instrument :
 BNA_F
 ClientSampleId :
 BLAST-WALL-23

Tgt Ion:244 Resp: 1101708
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 9.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF133574.D
 Acq: 05 Jun 2023 19:41

Tgt Ion:264 Resp: 188859
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.6 16.8 25.2

