

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133594.D
 Acq On : 06 Jun 2023 16:32
 Operator : CG\JU
 Sample : 02983-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC19

Quant Time: Jun 06 16:53:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

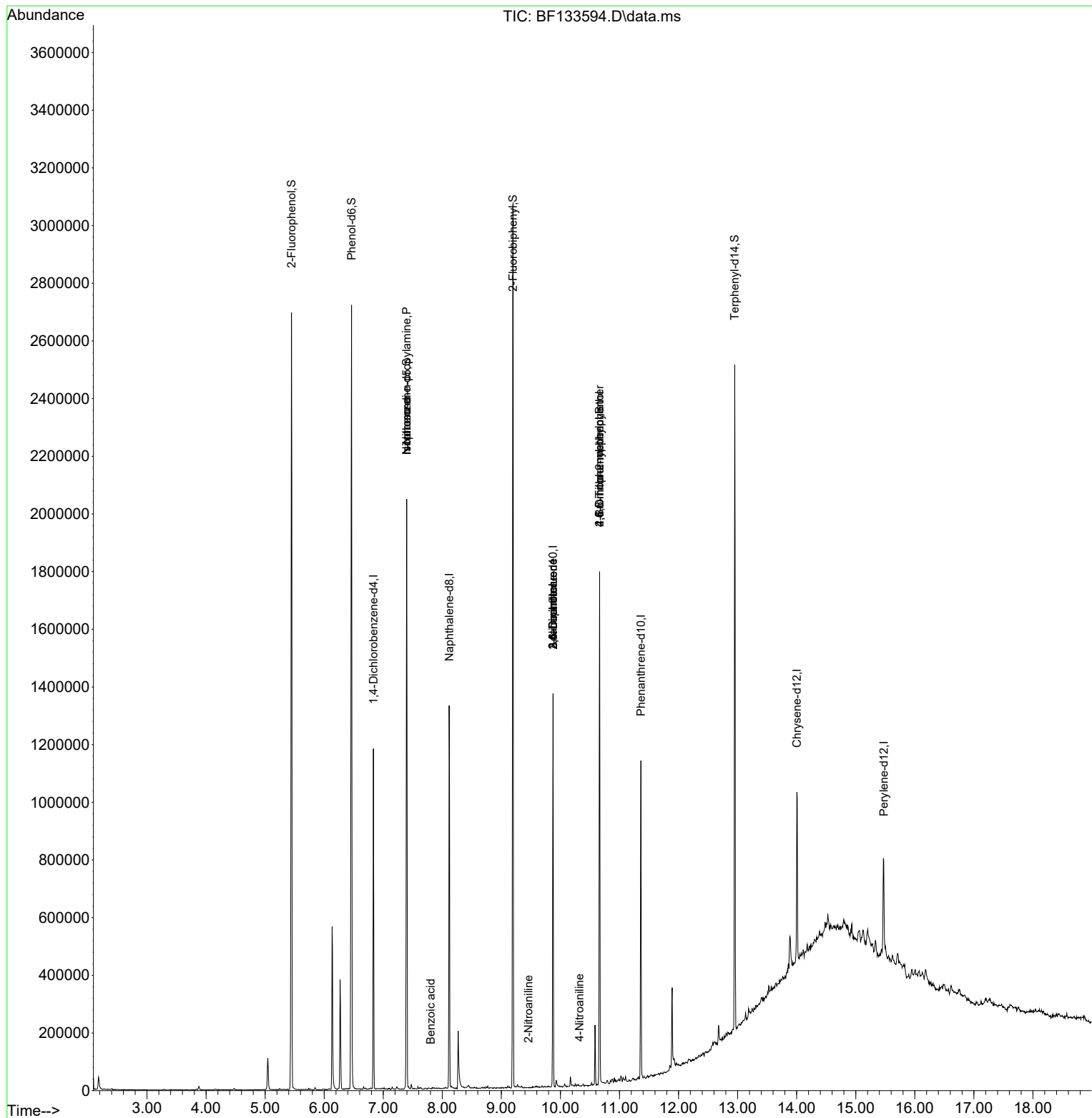
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	147505	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	542292	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	231899	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	374022	20.000	ng	0.00
76) Chrysene-d12	14.004	240	210853	20.000	ng	0.00
86) Perylene-d12	15.474	264	168531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	757449	85.677	ng	0.00
7) Phenol-d6	6.463	99	910662	83.677	ng	0.00
23) Nitrobenzene-d5	7.398	82	564265	69.474	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	197378	85.386	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	975519	64.927	ng	0.00
79) Terphenyl-d14	12.951	244	767068	64.682	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	739	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.398	70	79644	11.311	ng	# 76
25) Isophorone	7.398	82	564259	29.809	ng	# 65
32) Benzoic acid	7.804	122	157	7.374	ng	# 61
48) 2-Nitroaniline	9.457	65	128	4.017	ng	# 6
51) 2,6-Dinitrotoluene	9.875	165	29341	12.424	ng	# 18
53) 3-Nitroaniline	9.875	138	126	3.210	ng	# 1
57) 2,4-Dinitrotoluene	9.875	165	29341	11.620	ng	# 15
62) 4-Nitroaniline	10.322	138	78	3.004	ng	# 65
65) 4,6-Dinitro-2-methylph...	10.663	198	494	8.976	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	11967	3.013	ng	# 1

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

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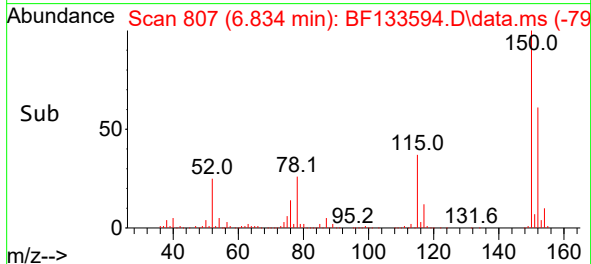
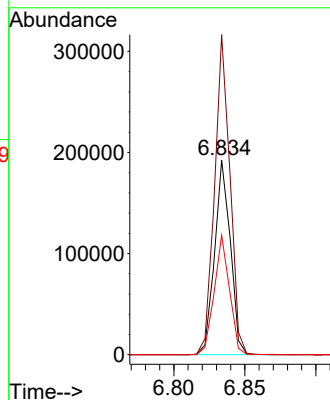
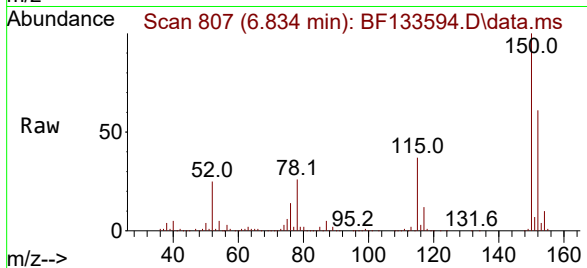




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

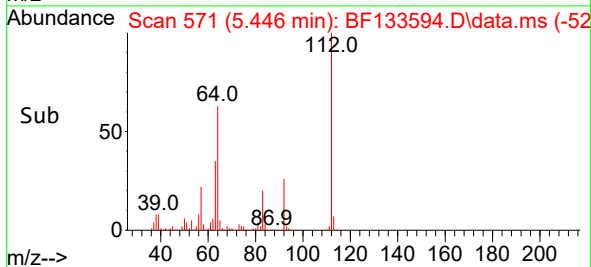
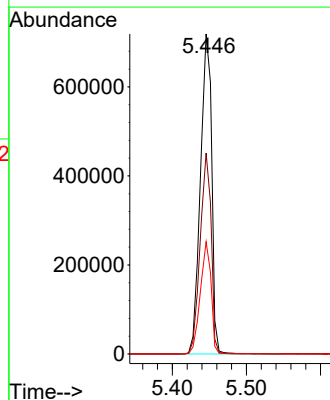
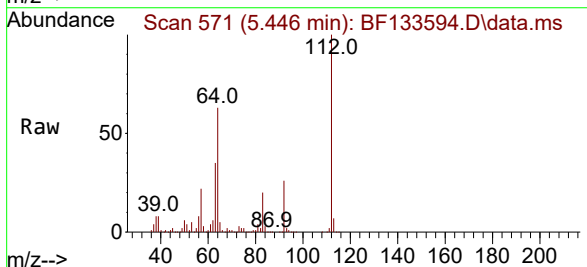
Instrument :
BNA_F
ClientSampleId :
WC19

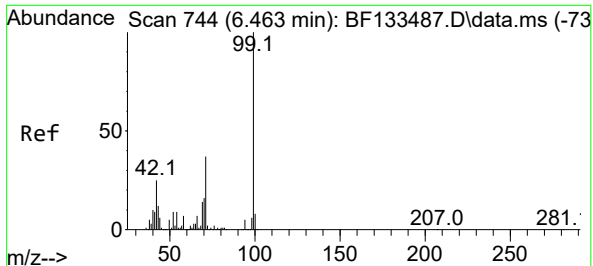
Tgt Ion:152 Resp: 147505
Ion Ratio Lower Upper
152 100
150 164.3 124.9 187.3
115 61.4 48.1 72.1



#5
2-Fluorophenol
Concen: 85.677 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

Tgt Ion:112 Resp: 757449
Ion Ratio Lower Upper
112 100
64 62.8 50.1 75.1
63 35.0 27.5 41.3

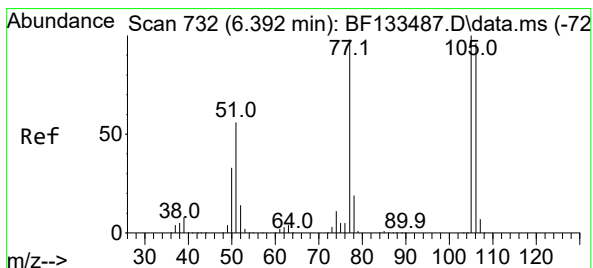
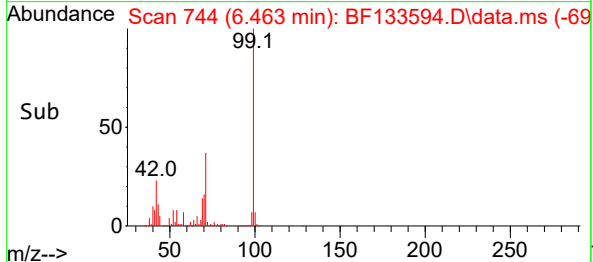
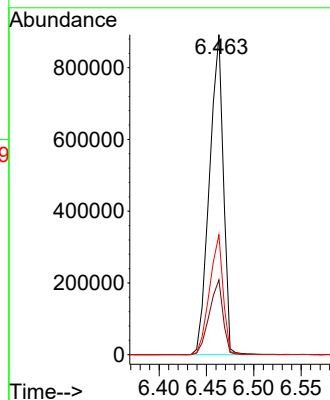
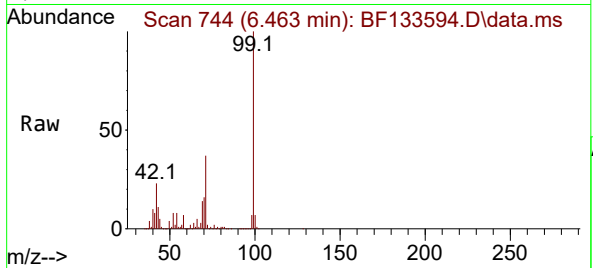




#7
Phenol-d6
Concen: 83.677 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

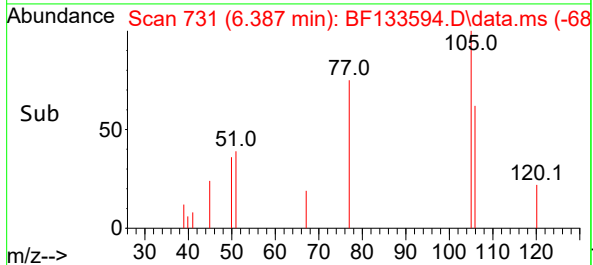
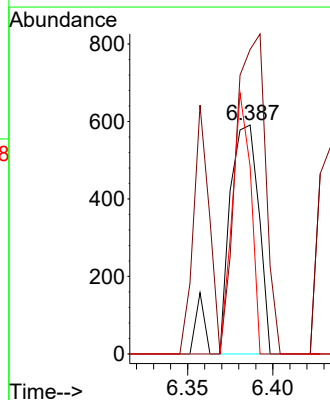
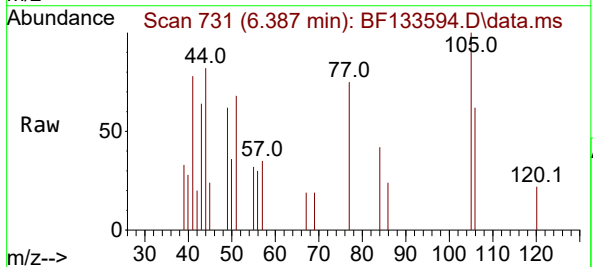
Instrument :
BNA_F
ClientSampleId :
WC19

Tgt Ion: 99 Resp: 910662
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 37.4 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

Tgt Ion: 77 Resp: 739
Ion Ratio Lower Upper
77 100
105 133.0 81.9 121.9#
106 81.9 77.8 117.8

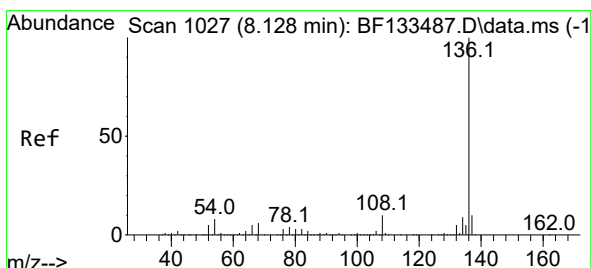
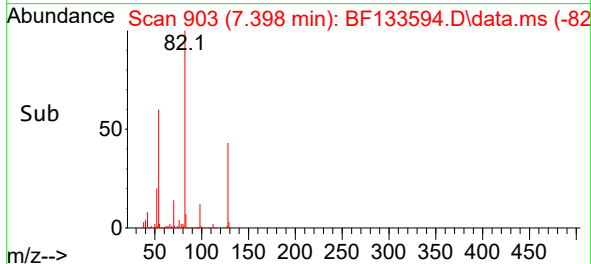
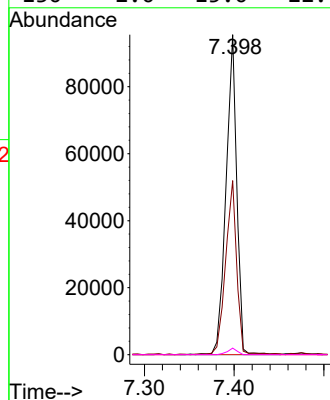
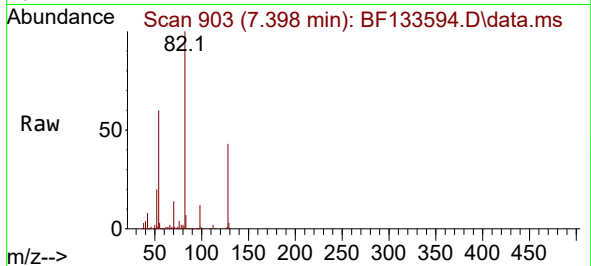




#19
n-Nitroso-di-n-propylamine
Concen: 11.311 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

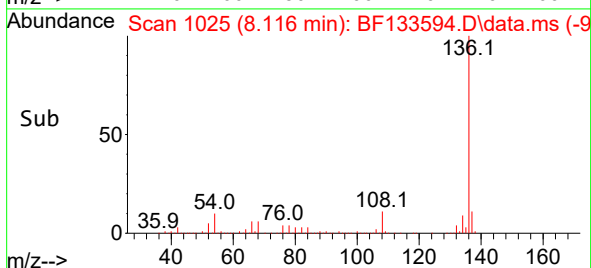
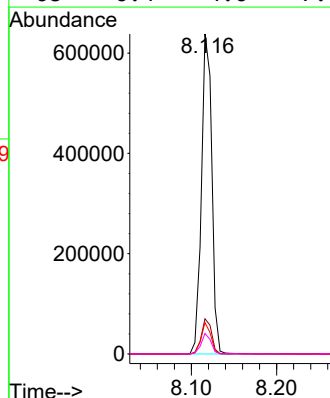
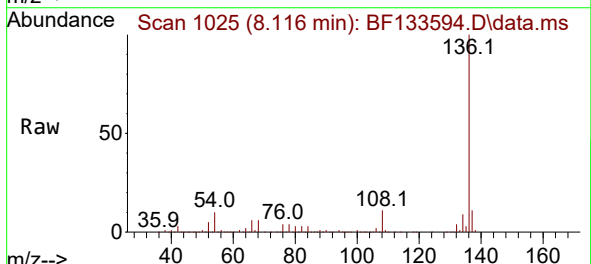
Instrument :
BNA_F
ClientSampleId :
WC19

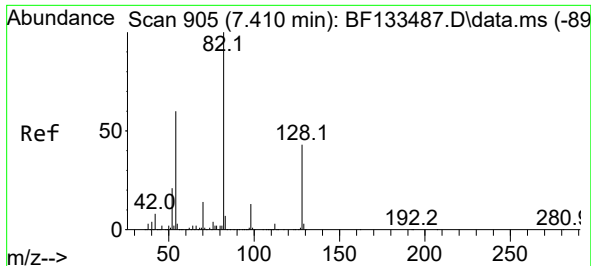
Tgt Ion: 70 Resp: 79644
Ion Ratio Lower Upper
70 100
42 54.4 57.2 85.8#
101 0.0 7.3 10.9#
130 2.0 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

Tgt Ion: 136 Resp: 542292
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 9.8 6.6 10.0
68 6.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 69.474 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF133594.D

Acq: 06 Jun 2023 16:32

Instrument :

BNA_F

ClientSampleId :

WC19

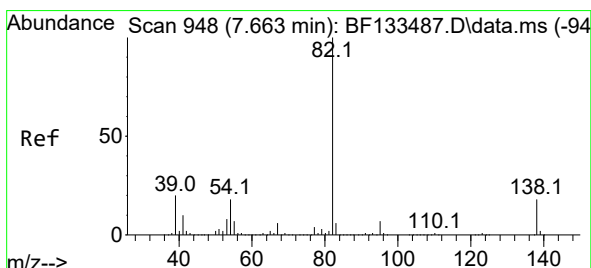
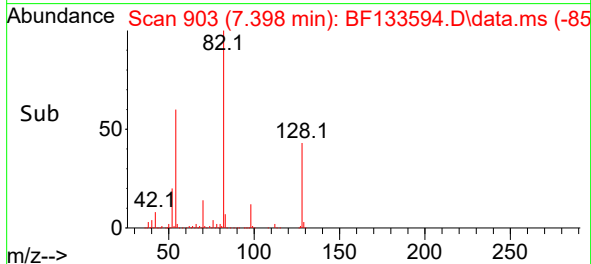
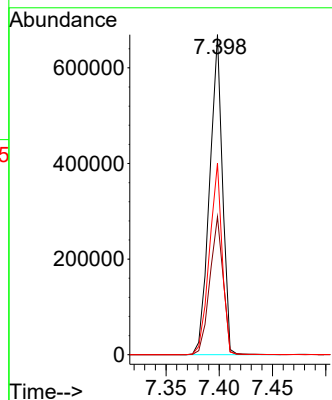
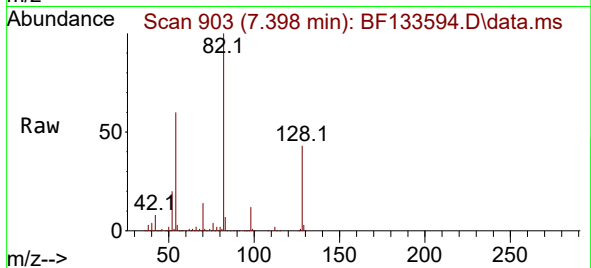
Tgt Ion: 82 Resp: 564265

Ion Ratio Lower Upper

82 100

128 43.1 34.2 51.4

54 59.9 48.2 72.4



#25

Isophorone

Concen: 29.809 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.259 min

Lab File: BF133594.D

Acq: 06 Jun 2023 16:32

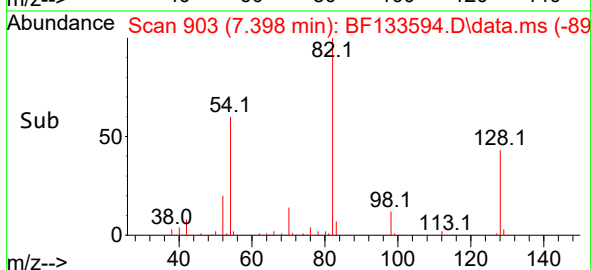
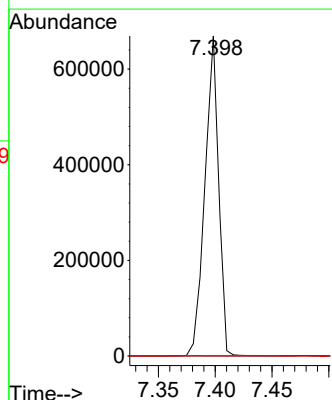
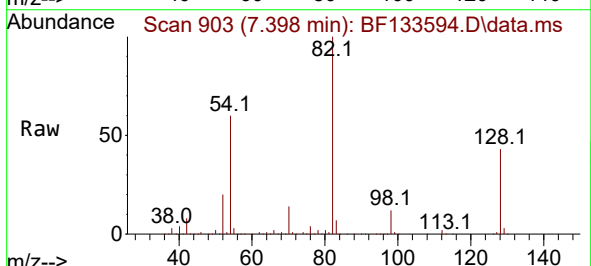
Tgt Ion: 82 Resp: 564259

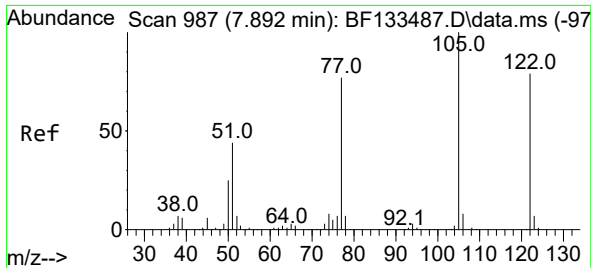
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

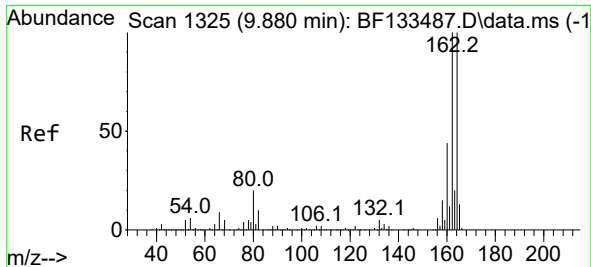
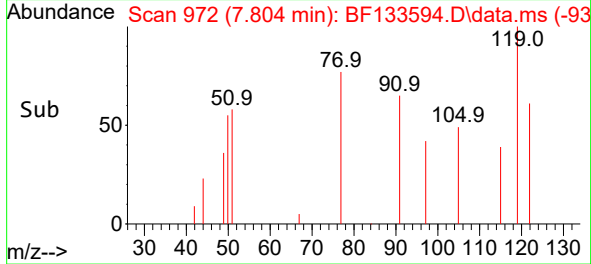
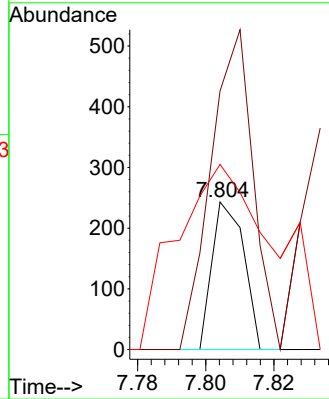
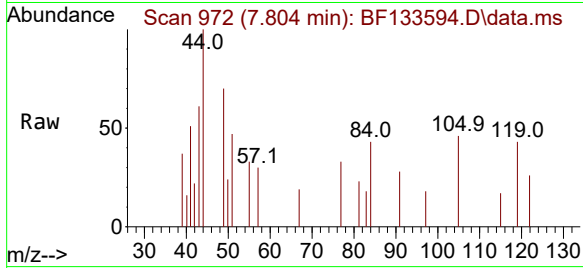




#32
Benzoic acid
Concen: 7.374 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.082 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

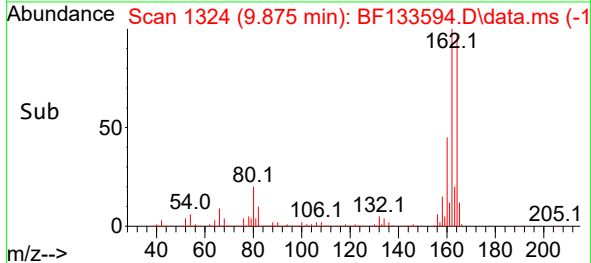
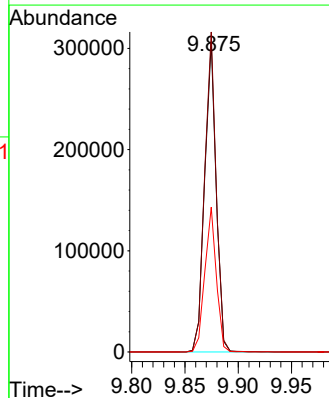
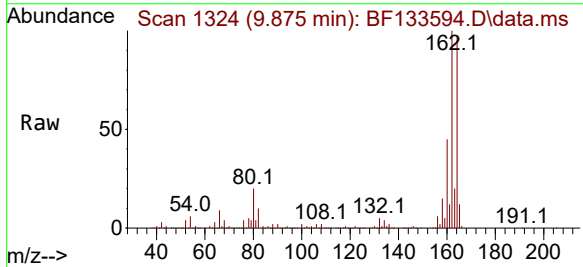
Instrument :
BNA_F
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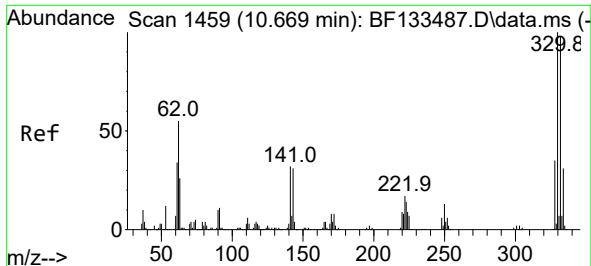
Tgt Ion:122 Resp: 157
Ion Ratio Lower Upper
122 100
105 175.3 103.3 143.3#
77 125.5 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

Tgt Ion:164 Resp: 231899
Ion Ratio Lower Upper
164 100
162 103.2 79.7 119.5
160 46.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 85.386 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133594.D

Acq: 06 Jun 2023 16:32

Instrument :

BNA_F

ClientSampleId :

WC19

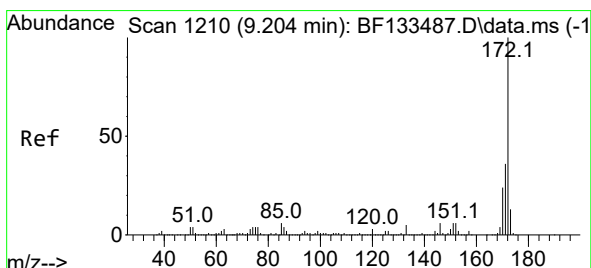
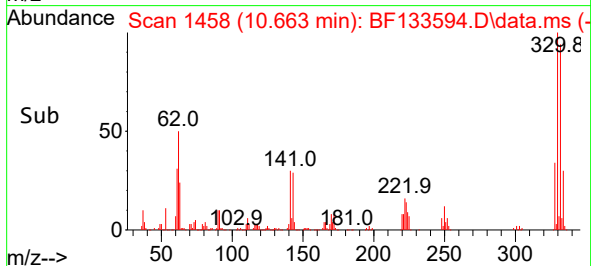
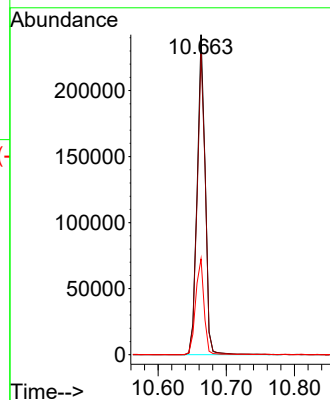
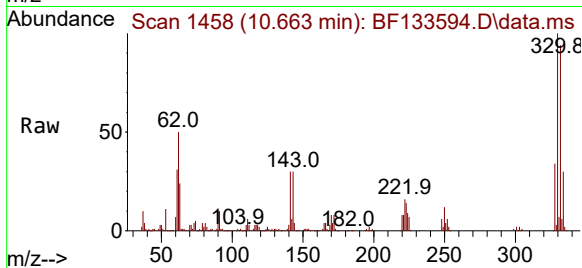
Tgt Ion:330 Resp: 197378

Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.6

141 31.5 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 64.927 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133594.D

Acq: 06 Jun 2023 16:32

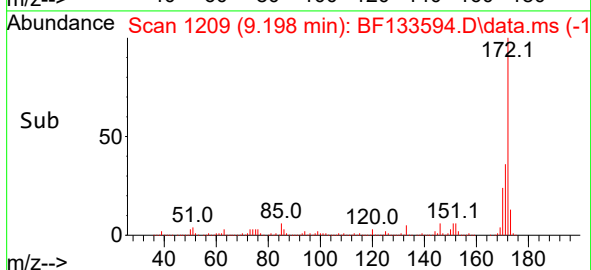
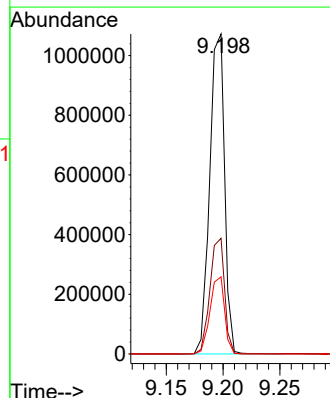
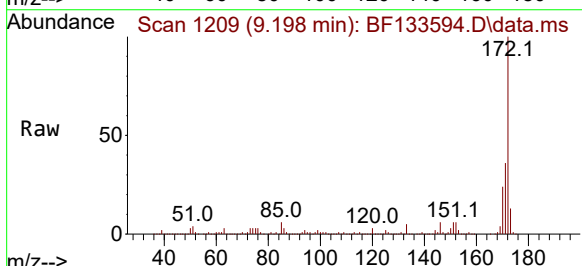
Tgt Ion:172 Resp: 975519

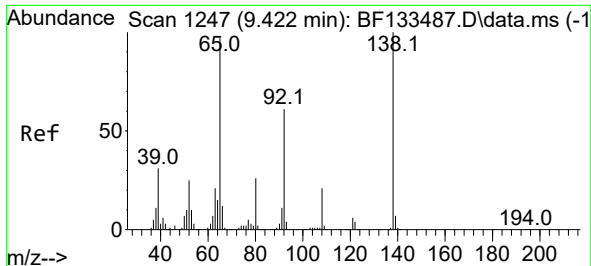
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.1 19.3 28.9

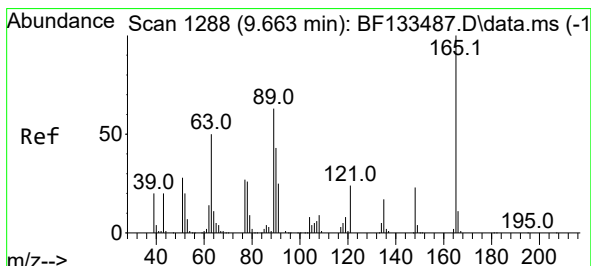
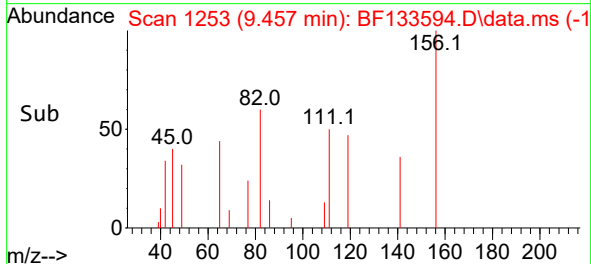
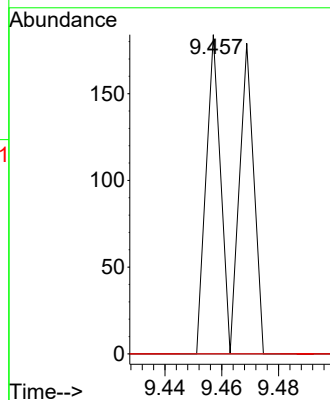
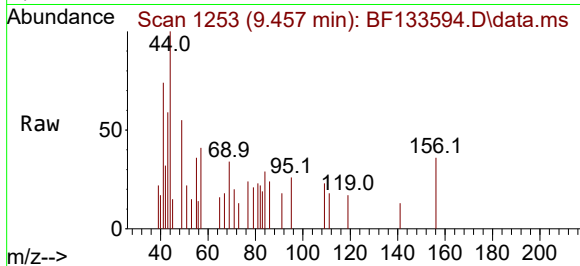




#48
2-Nitroaniline
Concen: 4.017 ng
RT: 9.457 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

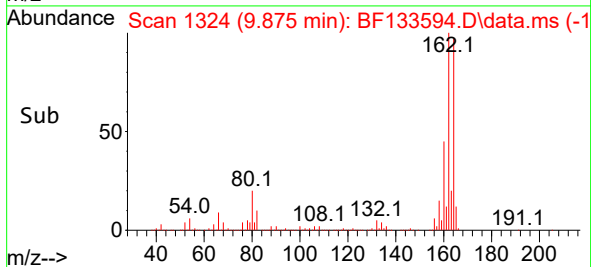
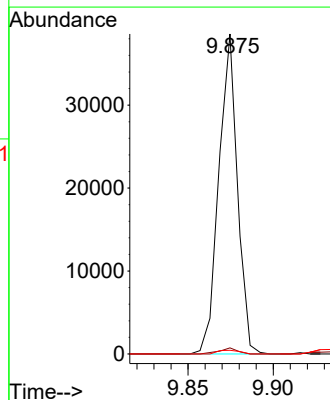
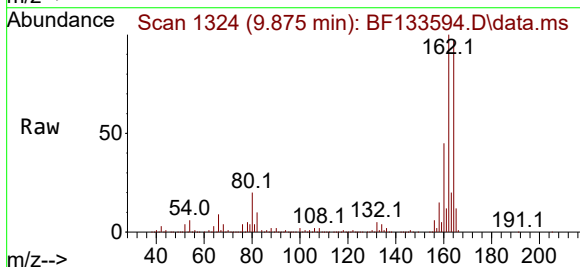
Instrument :
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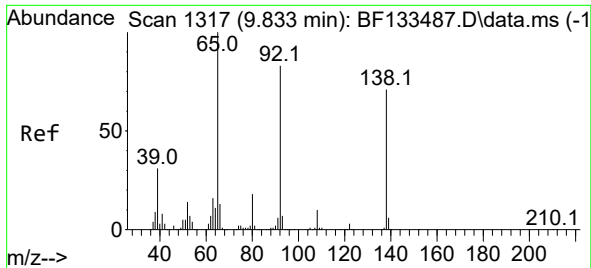
Tgt Ion: 65 Resp: 128
Ion Ratio Lower Upper
65 100
92 0.0 50.8 76.2#
138 0.0 82.6 124.0#



#51
2,6-Dinitrotoluene
Concen: 12.424 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

Tgt Ion: 165 Resp: 29341
Ion Ratio Lower Upper
165 100
63 1.9 57.0 85.4#
89 1.1 50.8 76.2#

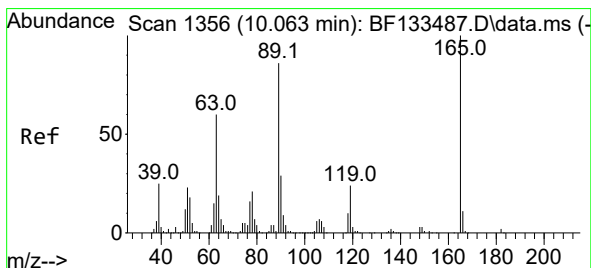
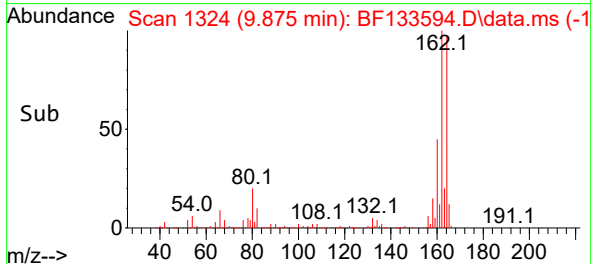
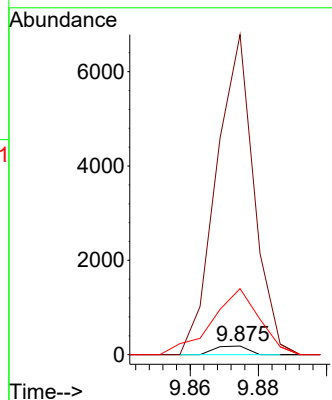
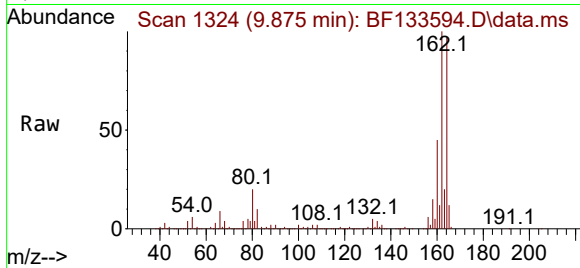




#53
3-Nitroaniline
Concen: 3.210 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

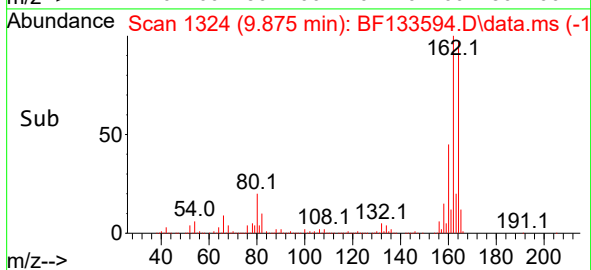
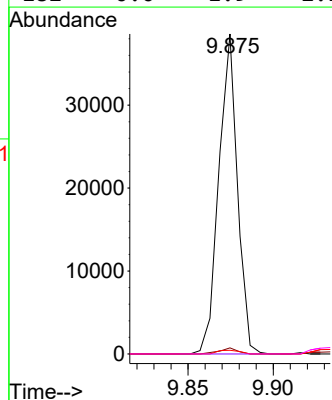
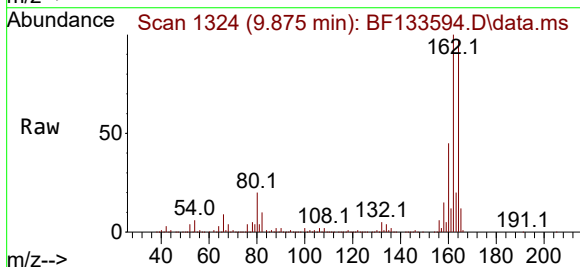
Instrument :
BNA_F
ClientSampleId :
WC19

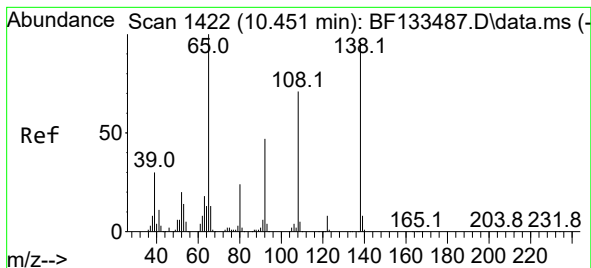
Tgt Ion:138 Resp: 126
Ion Ratio Lower Upper
138 100
108 3666.5 11.9 17.9#
92 756.8 93.1 139.7#



#57
2,4-Dinitrotoluene
Concen: 11.620 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

Tgt Ion:165 Resp: 29341
Ion Ratio Lower Upper
165 100
63 1.9 48.1 72.1#
89 1.1 68.4 102.6#
182 0.0 1.9 2.9#

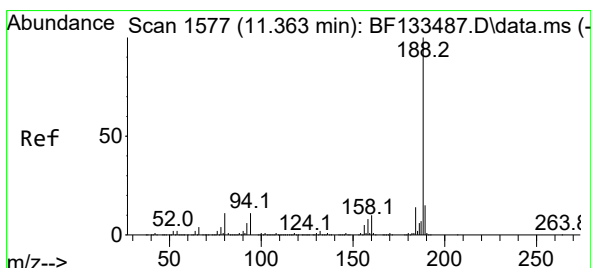
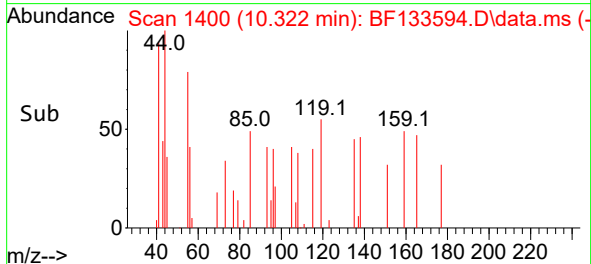
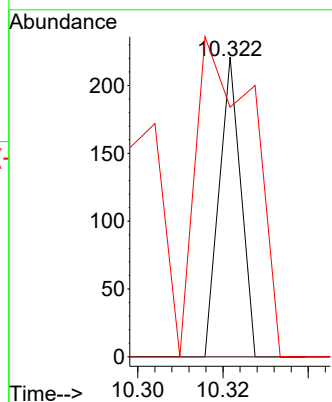
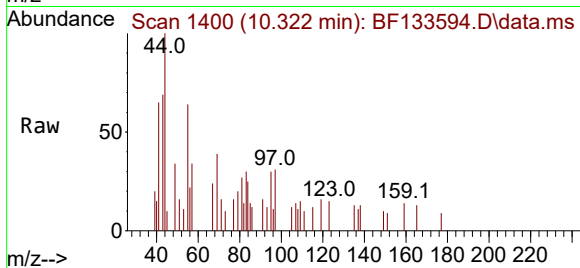




#62
4-Nitroaniline
Concen: 3.004 ng
RT: 10.322 min Scan# 14
Delta R.T. -0.123 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

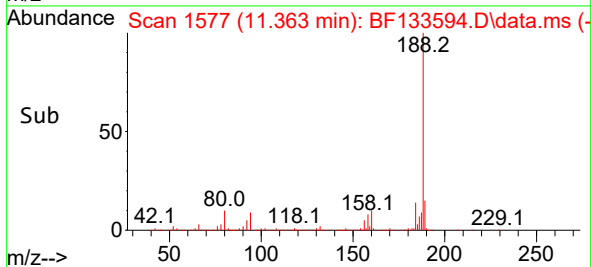
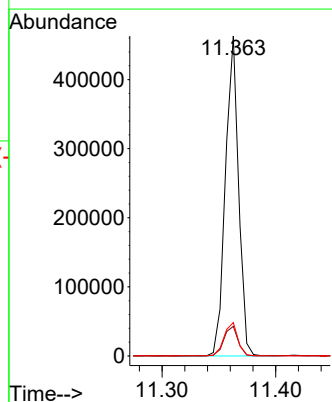
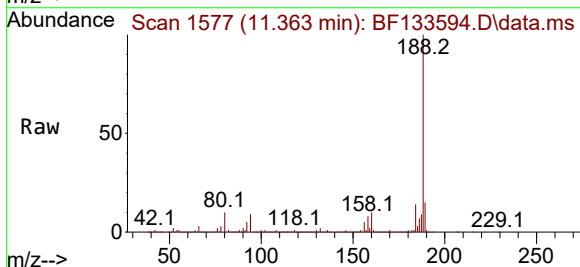
Instrument :
BNA_F
ClientSampleId :
WC19

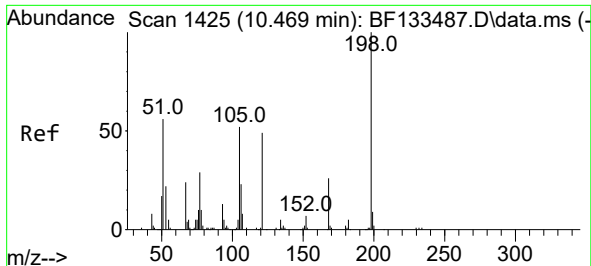
Tgt Ion:138 Resp: 78
Ion Ratio Lower Upper
138 100
92 0.0 28.4 68.4#
108 83.3 54.2 94.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

Tgt Ion:188 Resp: 374022
Ion Ratio Lower Upper
188 100
94 9.2 8.6 12.8
80 10.5 9.2 13.8

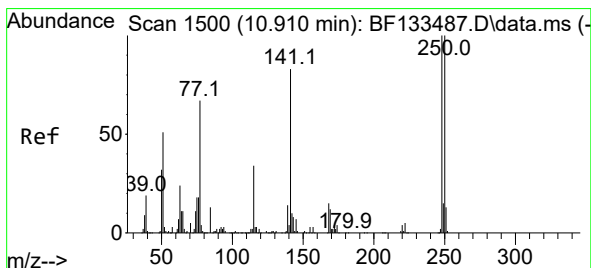
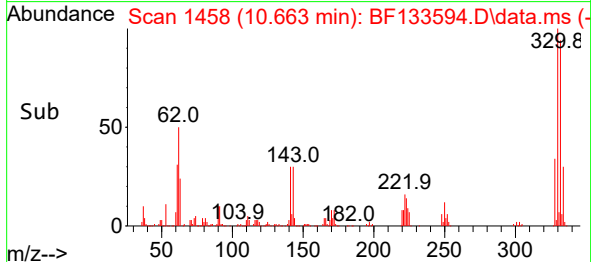
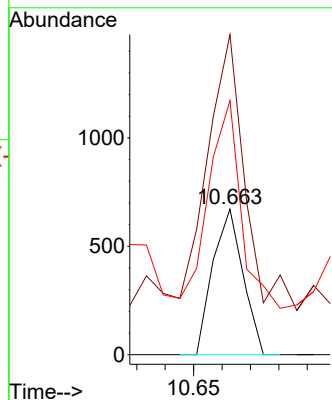
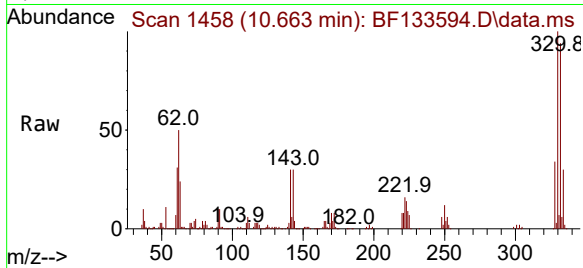




#65
4,6-Dinitro-2-methylphenol
Concen: 8.976 ng
RT: 10.663 min Scan# 1425
Delta R.T. 0.188 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

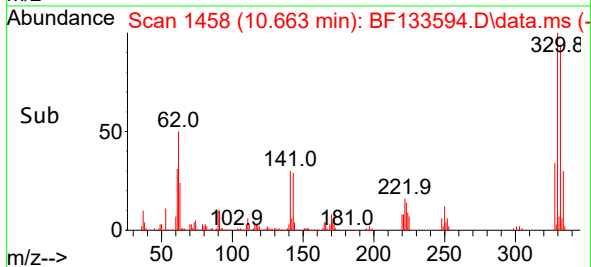
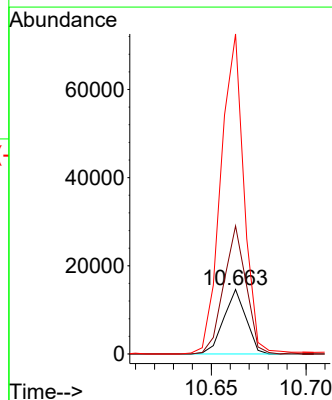
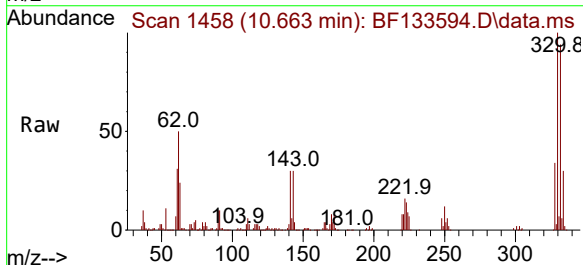
Instrument :
BNA_F
ClientSampleId :
WC19

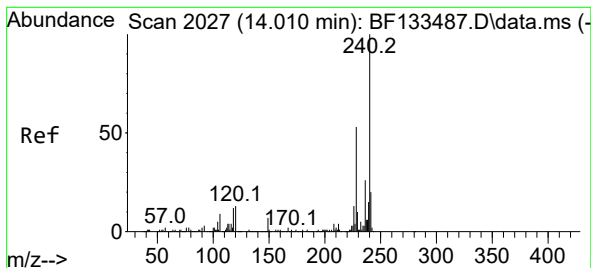
Tgt Ion:198 Resp: 494
Ion Ratio Lower Upper
198 100
51 219.6 53.6 93.6#
105 174.4 35.9 75.9#



#67
4-Bromophenyl-phenylether
Concen: 3.013 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

Tgt Ion:248 Resp: 11967
Ion Ratio Lower Upper
248 100
250 198.3 79.7 119.5#
141 495.7 66.6 100.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF133594.D

Acq: 06 Jun 2023 16:32

Instrument :

BNA_F

ClientSampleId :

WC19

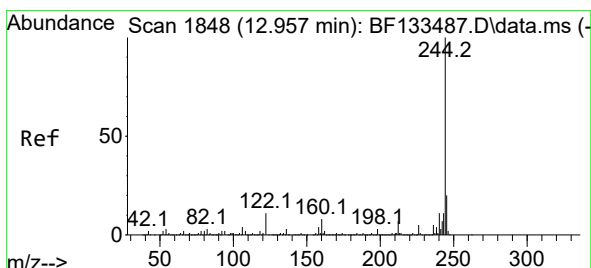
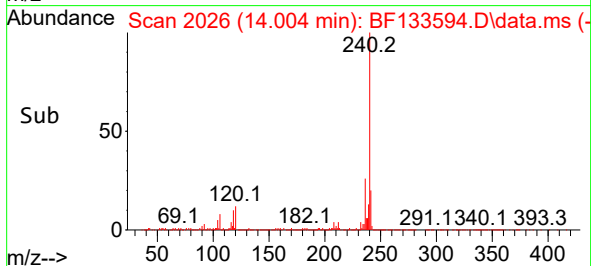
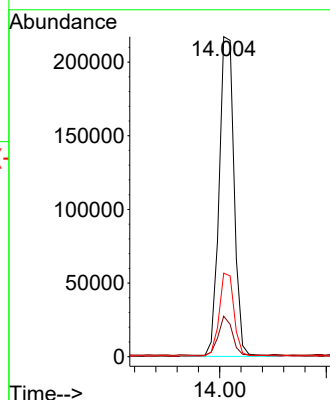
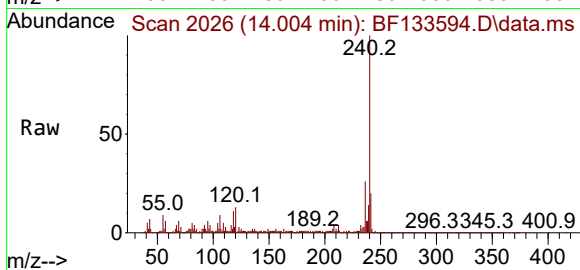
Tgt Ion:240 Resp: 210853

Ion Ratio Lower Upper

240 100

120 12.7 10.3 15.5

236 26.1 20.5 30.7



#79

Terphenyl-d14

Concen: 64.682 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF133594.D

Acq: 06 Jun 2023 16:32

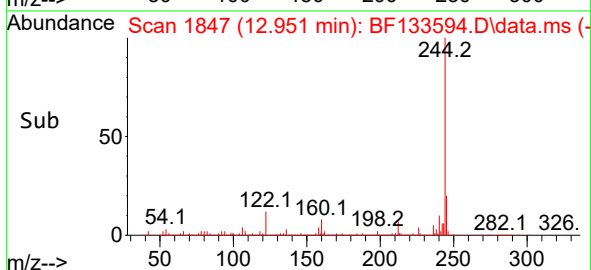
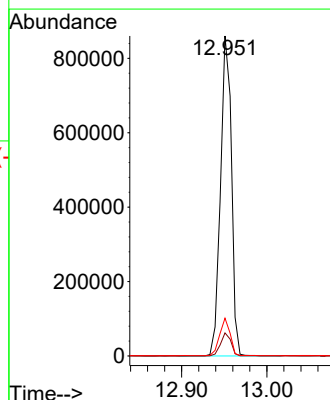
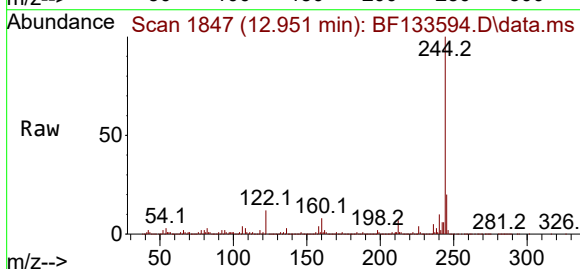
Tgt Ion:244 Resp: 767068

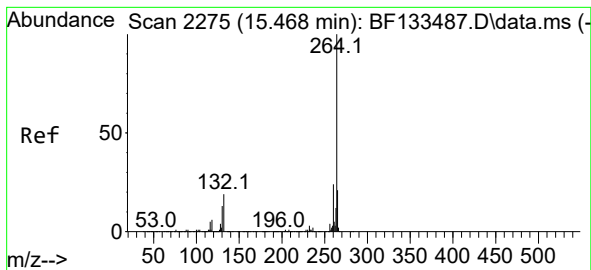
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 11.8 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133594.D

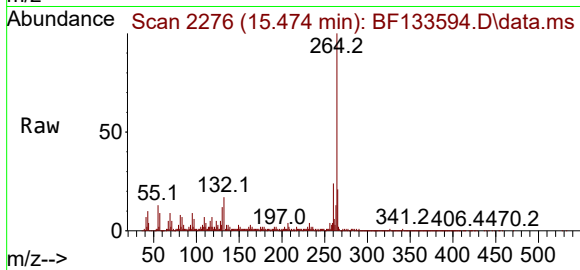
Acq: 06 Jun 2023 16:32

Instrument :

BNA_F

ClientSampleId :

WC19



Tgt Ion:264 Resp: 168531

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 20.8 16.8 25.2

