

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133545.D
 Acq On : 31 May 2023 18:21
 Operator : CG\JU
 Sample : 02957-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-0A

Quant Time: Jun 01 02:03:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

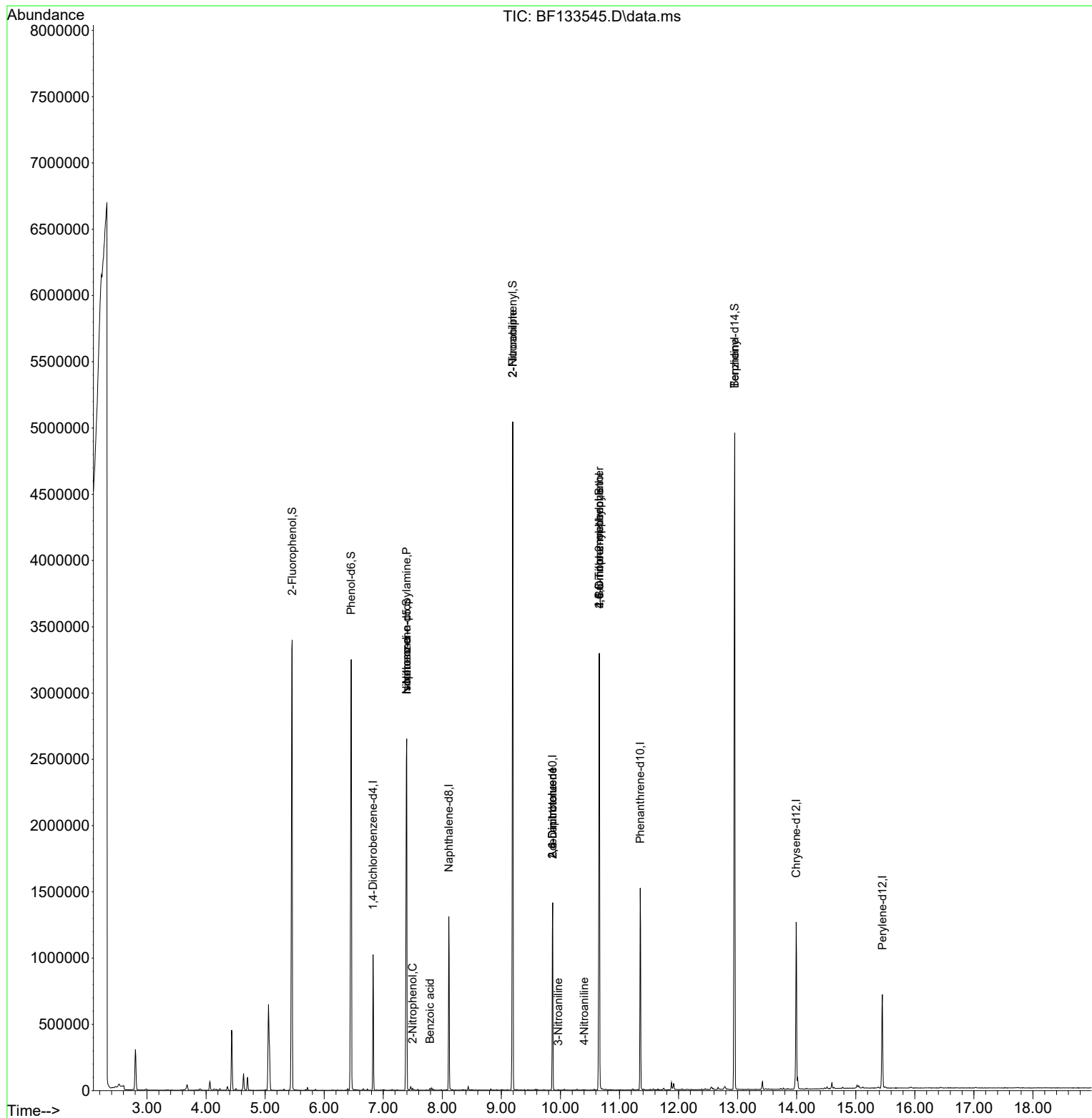
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	134004	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	534642	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	268901	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	534784	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	393021	20.000	ng	-0.01
86) Perylene-d12	15.451	264	304028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1051865	130.966	ng	0.02
7) Phenol-d6	6.457	99	1208016	122.183	ng	0.00
23) Nitrobenzene-d5	7.398	82	904740	112.988	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	430239	160.510	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1557686	89.408	ng	0.00
79) Terphenyl-d14	12.951	244	1936086	87.586	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	164	Below Cal	#	49
19) n-Nitroso-di-n-propyla...	7.398	70	126393	19.758	ng	# 76
25) Isophorone	7.398	82	903785	48.429	ng	# 65
26) 2-Nitrophenol	7.498	139	170	4.781	ng	# 33
32) Benzoic acid	7.792	122	3075	7.847	ng	# 93
48) 2-Nitroaniline	9.192	65	2780	4.492	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	35747	12.867	ng	# 18
53) 3-Nitroaniline	9.963	138	181	3.217	ng	# 1
57) 2,4-Dinitrotoluene	9.869	165	35747	11.969	ng	# 15
62) 4-Nitroaniline	10.404	138	154	3.017	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.657	198	968	9.074	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	27017	4.757	ng	# 1
77) Benzidine	12.951	184	26061	2.267	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
Data File : BF133545.D
Acq On : 31 May 2023 18:21
Operator : CG\JU
Sample : 02957-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10-0A

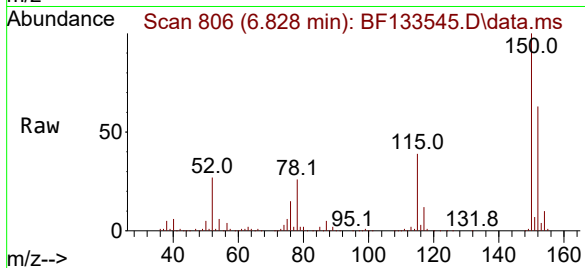
Quant Time: Jun 01 02:03:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 30 12:58:40 2023
Response via : Initial Calibration



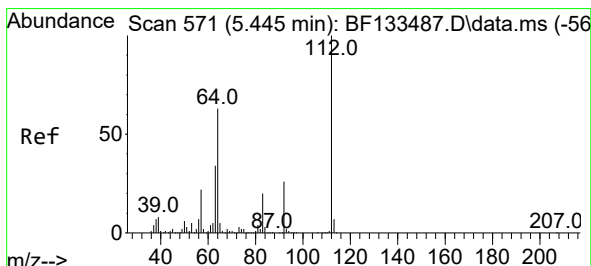
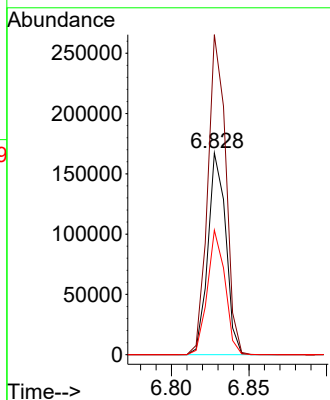
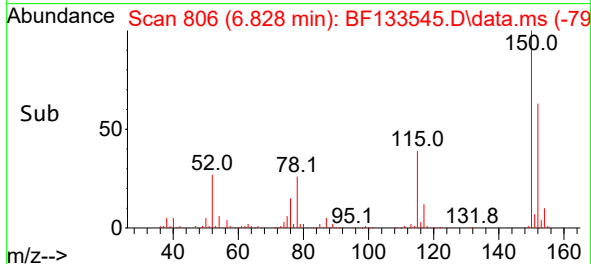


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

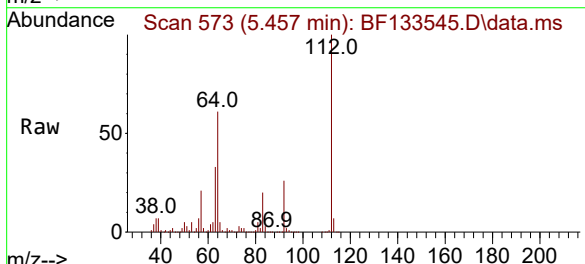
Instrument :
BNA_F
ClientSampleId :
TP-10-0A



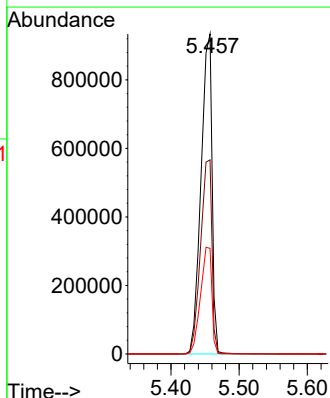
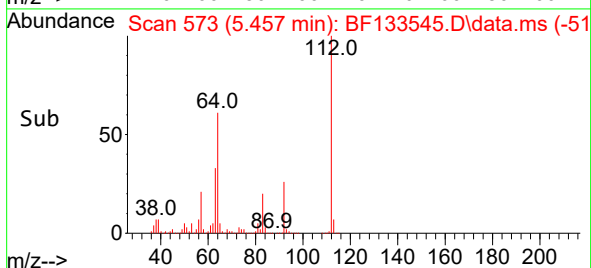
Tgt Ion:152 Resp: 134004
Ion Ratio Lower Upper
152 100
150 158.6 124.9 187.3
115 61.7 48.1 72.1

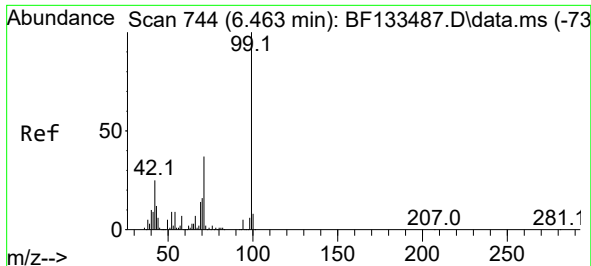


#5
2-Fluorophenol
Concen: 130.966 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.017 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21



Tgt Ion:112 Resp: 1051865
Ion Ratio Lower Upper
112 100
64 60.6 50.1 75.1
63 33.0 27.5 41.3

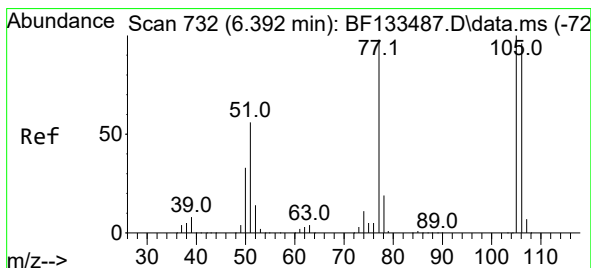
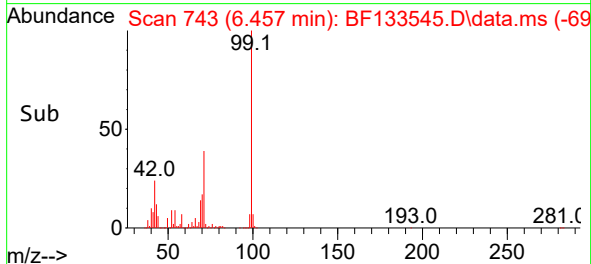
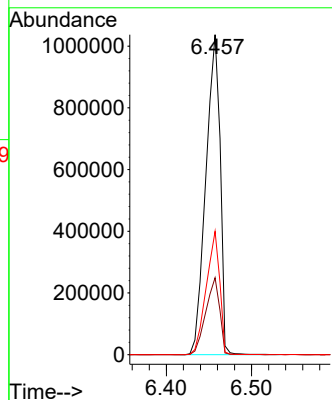
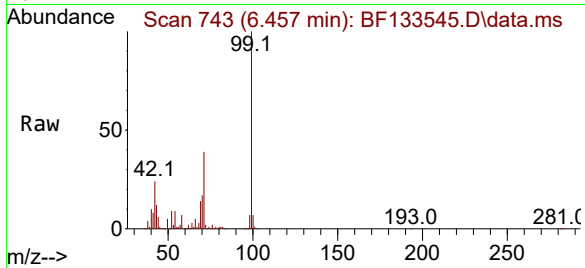




#7
Phenol-d6
Concen: 122.183 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

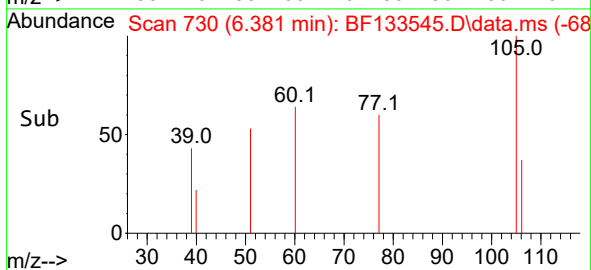
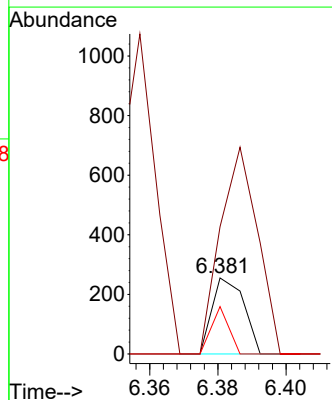
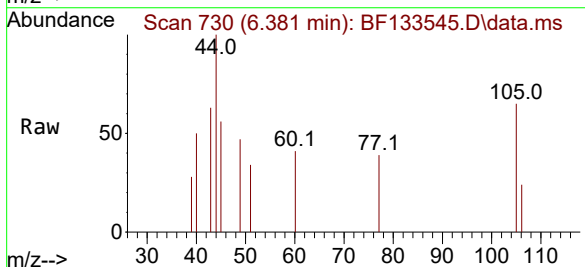
Instrument :
BNA_F
ClientSampleId :
TP-10-0A

Tgt Ion: 99 Resp: 1208016
Ion Ratio Lower Upper
99 100
42 24.0 19.7 29.5
71 38.6 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

Tgt Ion: 77 Resp: 164
Ion Ratio Lower Upper
77 100
105 167.5 81.9 121.9#
106 62.4 77.8 117.8#

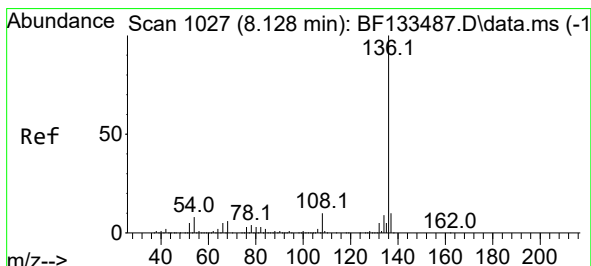
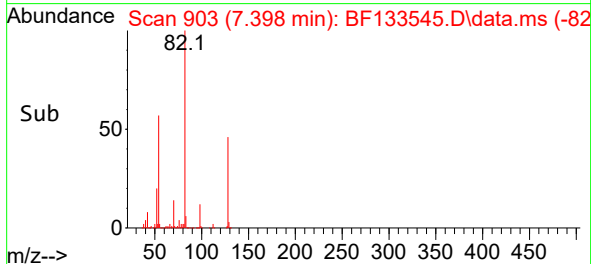
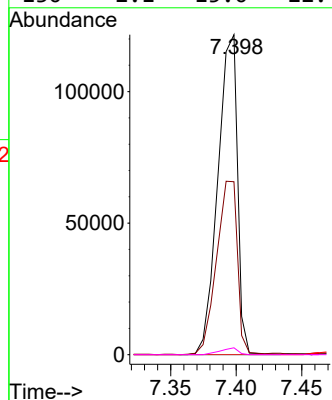
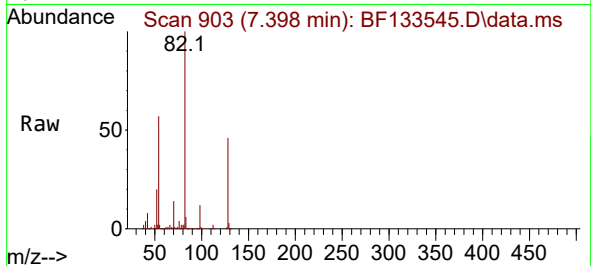




#19
n-Nitroso-di-n-propylamine
Concen: 19.758 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

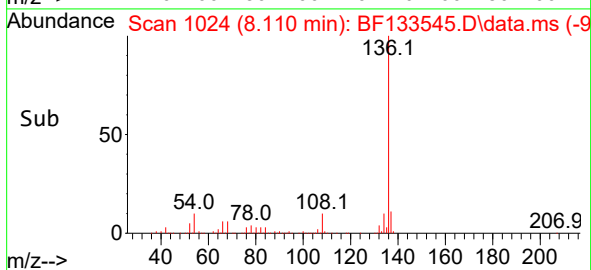
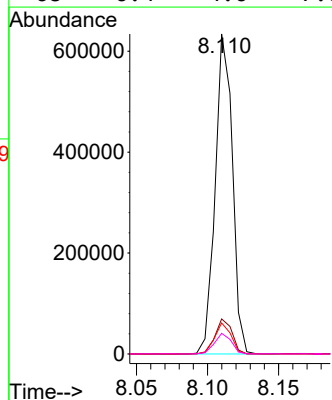
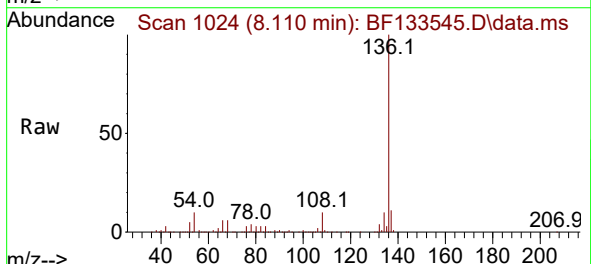
Instrument :
BNA_F
ClientSampleId :
TP-10-0A

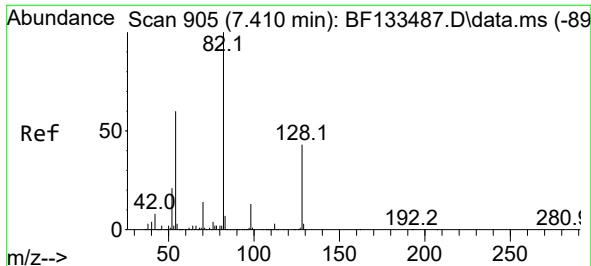
Tgt Ion: 70 Resp: 126393
Ion Ratio Lower Upper
70 100
42 54.1 57.2 85.8#
101 0.0 7.3 10.9#
130 2.1 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

Tgt Ion: 136 Resp: 534642
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 9.7 6.6 10.0
68 6.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 112.988 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF133545.D

Acq: 31 May 2023 18:21

Instrument :

BNA_F

ClientSampleId :

TP-10-0A

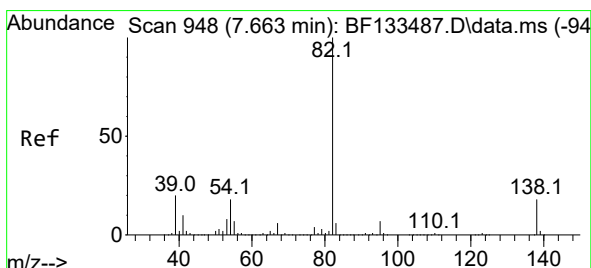
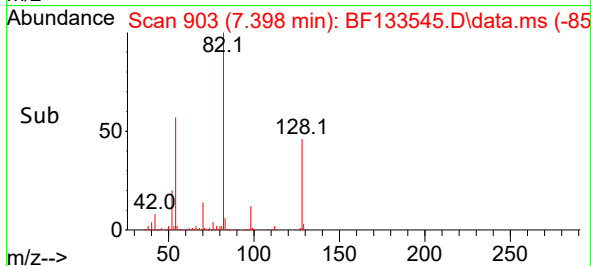
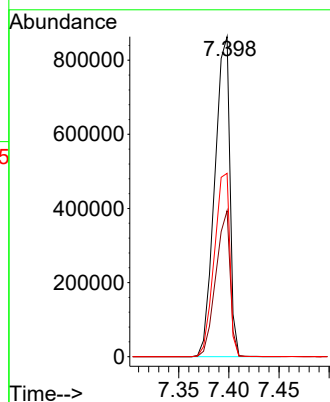
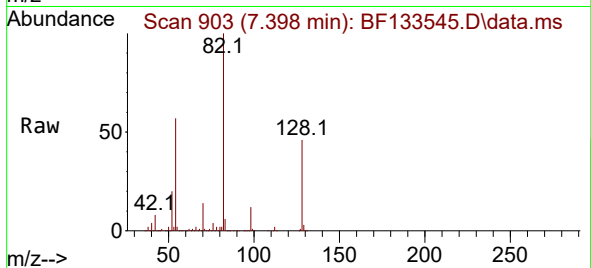
Tgt Ion: 82 Resp: 904740

Ion Ratio Lower Upper

82 100

128 45.6 34.2 51.4

54 57.3 48.2 72.4



#25

Isophorone

Concen: 48.429 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.259 min

Lab File: BF133545.D

Acq: 31 May 2023 18:21

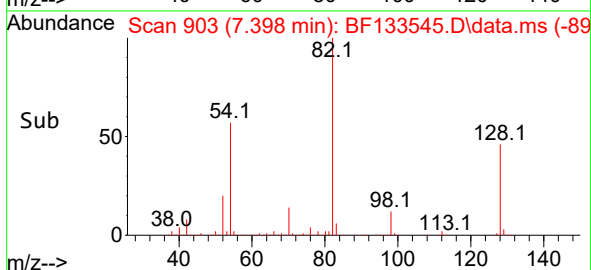
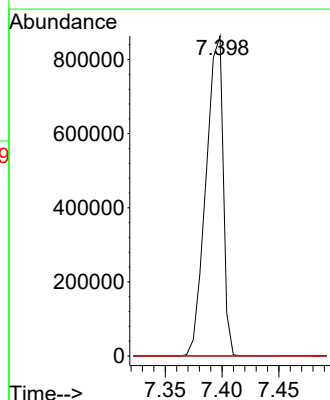
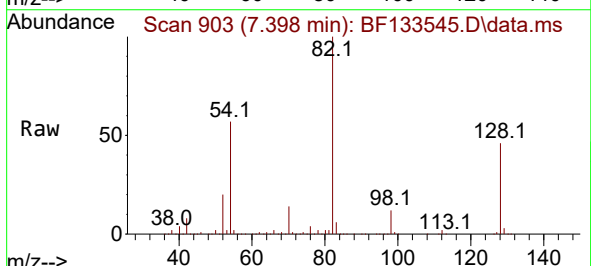
Tgt Ion: 82 Resp: 903785

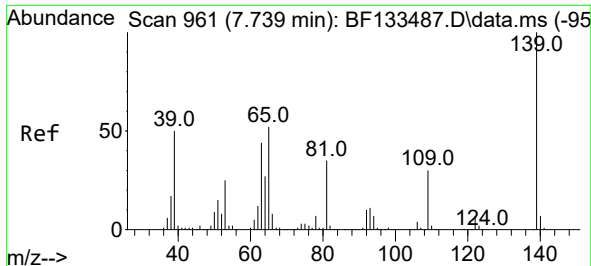
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

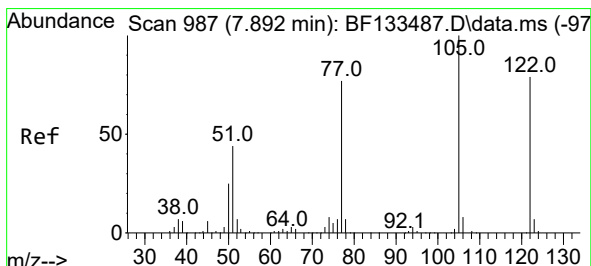
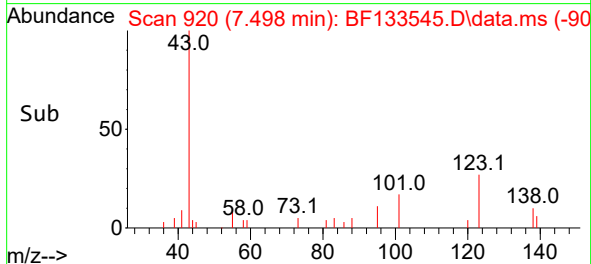
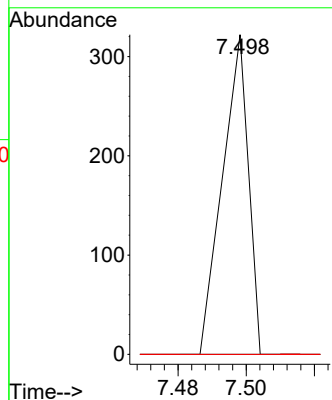
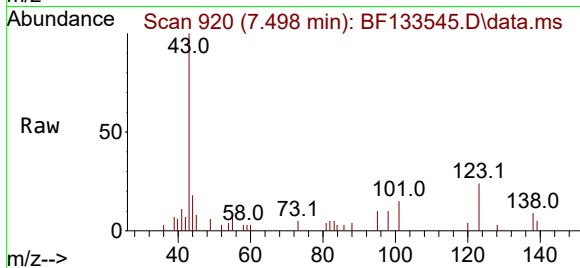




#26
2-Nitrophenol
Concen: 4.781 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.236 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

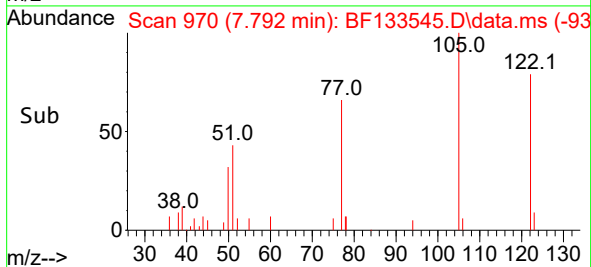
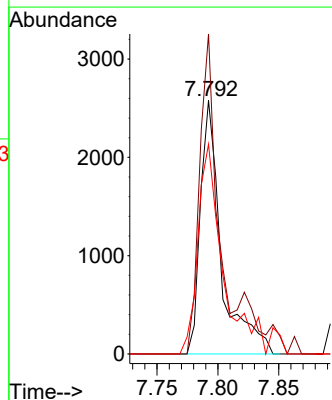
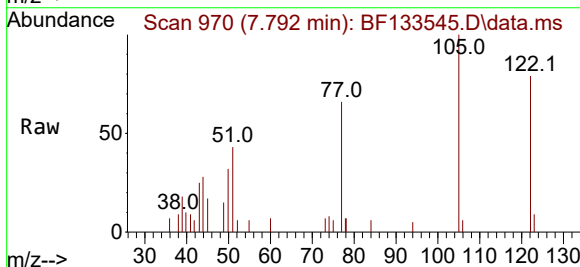
Instrument :
BNA_F
ClientSampleId :
TP-10-0A

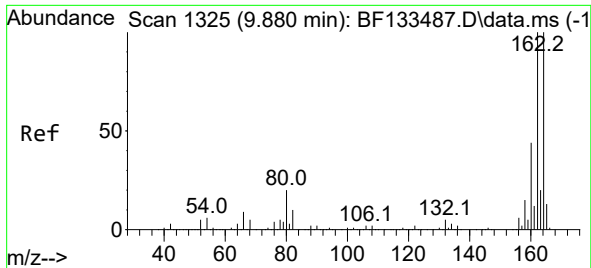
Tgt Ion:139 Resp: 170
Ion Ratio Lower Upper
139 100
109 0.0 24.0 36.0#
65 0.0 41.7 62.5#



#32
Benzoic acid
Concen: 7.847 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.088 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

Tgt Ion:122 Resp: 3075
Ion Ratio Lower Upper
122 100
105 126.3 103.3 143.3
77 82.8 75.7 115.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133545.D

Acq: 31 May 2023 18:21

Instrument :

BNA_F

ClientSampleId :

TP-10-0A

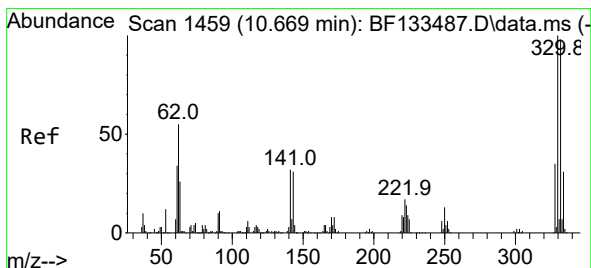
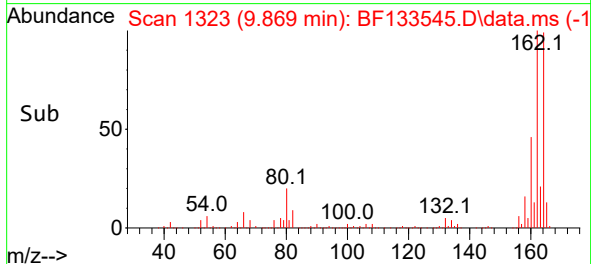
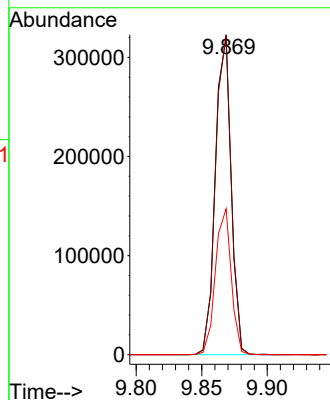
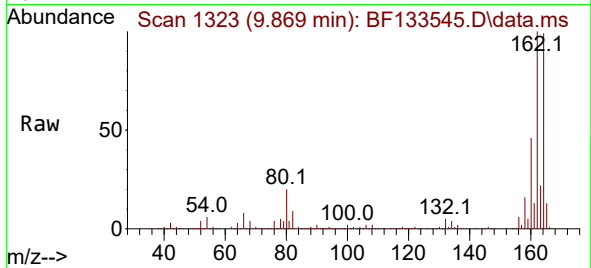
Tgt Ion:164 Resp: 268901

Ion Ratio Lower Upper

164 100

162 100.8 79.7 119.5

160 46.0 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 160.510 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133545.D

Acq: 31 May 2023 18:21

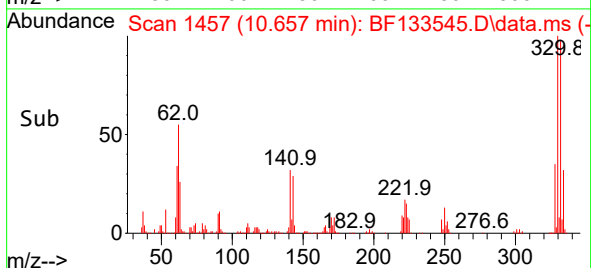
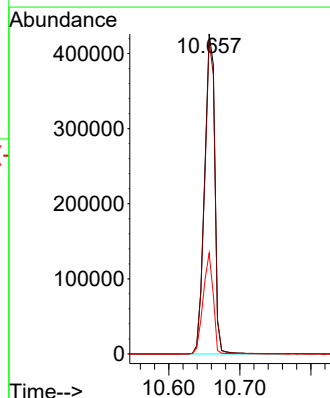
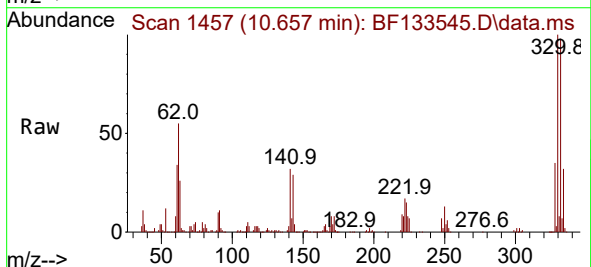
Tgt Ion:330 Resp: 430239

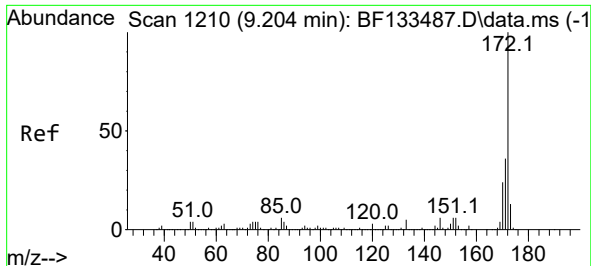
Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

141 30.8 26.6 40.0





#45

2-Fluorobiphenyl

Concen: 89.408 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133545.D

Acq: 31 May 2023 18:21

Instrument :

BNA_F

ClientSampleId :

TP-10-0A

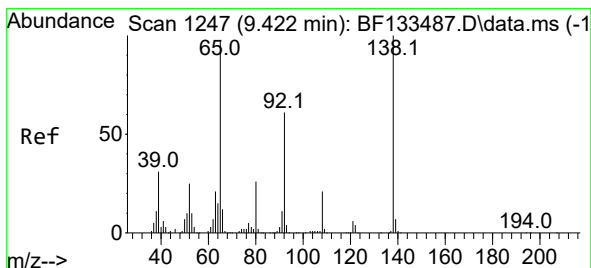
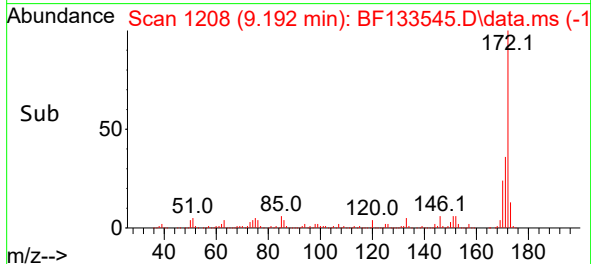
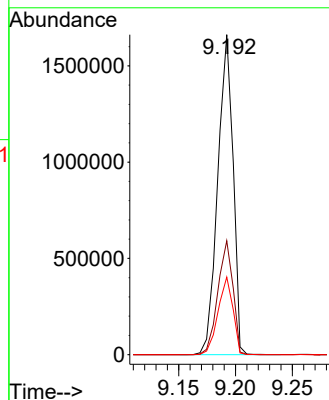
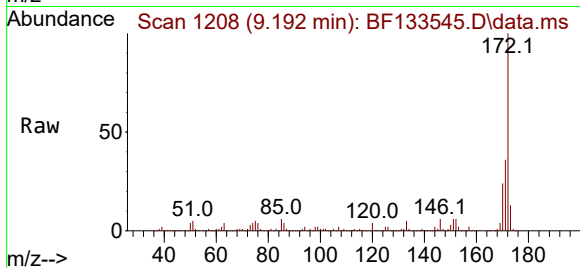
Tgt Ion:172 Resp: 1557686

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.2 19.3 28.9



#48

2-Nitroaniline

Concen: 4.492 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.224 min

Lab File: BF133545.D

Acq: 31 May 2023 18:21

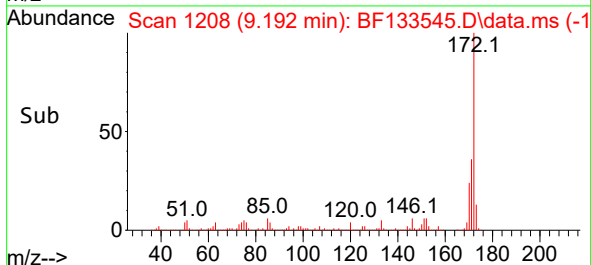
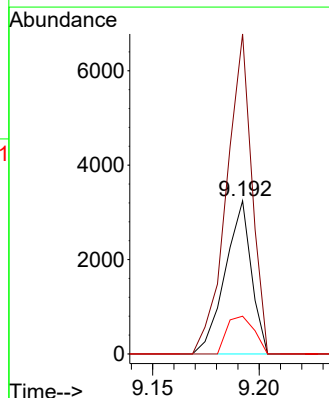
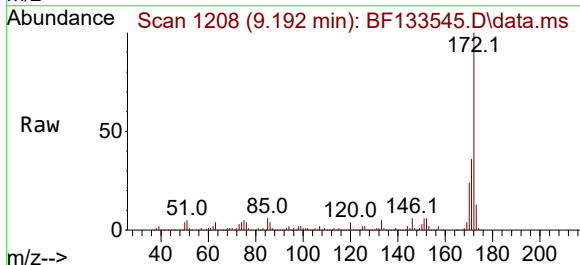
Tgt Ion: 65 Resp: 2780

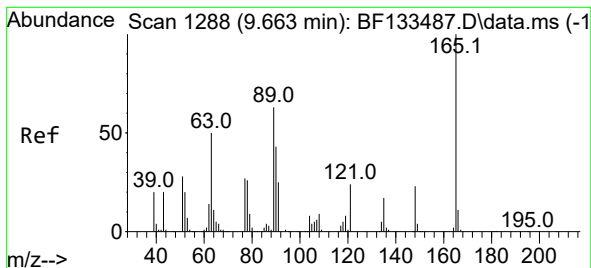
Ion Ratio Lower Upper

65 100

92 208.9 50.8 76.2#

138 24.6 82.6 124.0#





#51

2,6-Dinitrotoluene

Concen: 12.867 ng

RT: 9.869 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF133545.D

Acq: 31 May 2023 18:21

Instrument :

BNA_F

ClientSampleId :

TP-10-0A

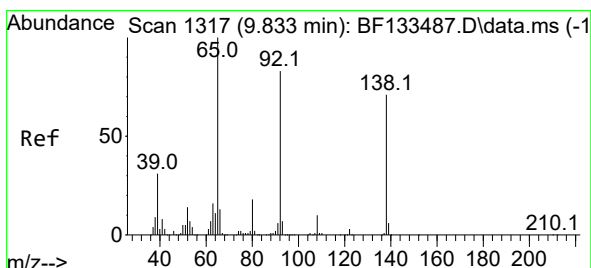
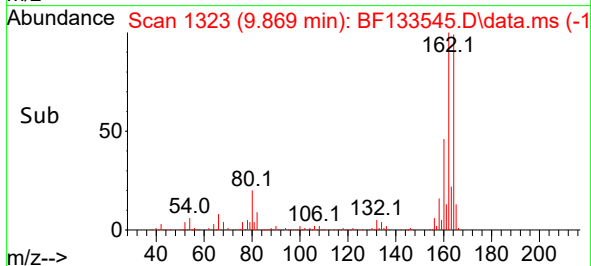
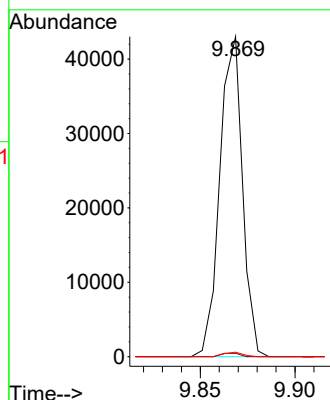
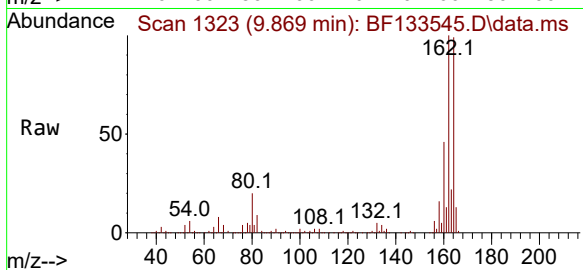
Tgt Ion:165 Resp: 35747

Ion Ratio Lower Upper

165 100

63 1.0 57.0 85.4#

89 1.4 50.8 76.2#



#53

3-Nitroaniline

Concen: 3.217 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.135 min

Lab File: BF133545.D

Acq: 31 May 2023 18:21

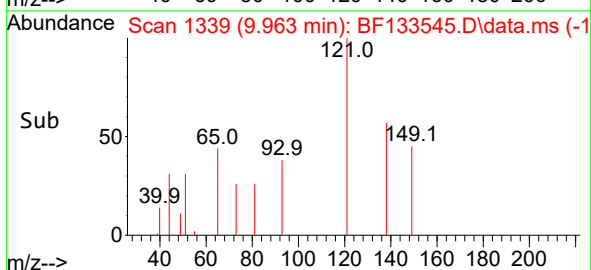
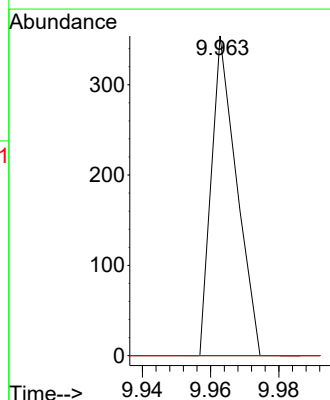
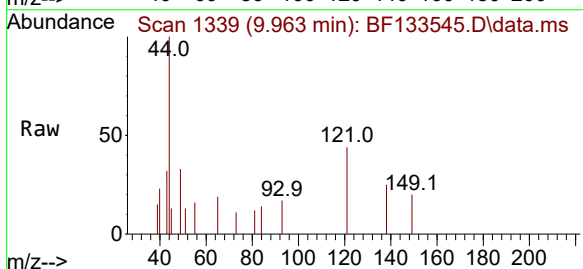
Tgt Ion:138 Resp: 181

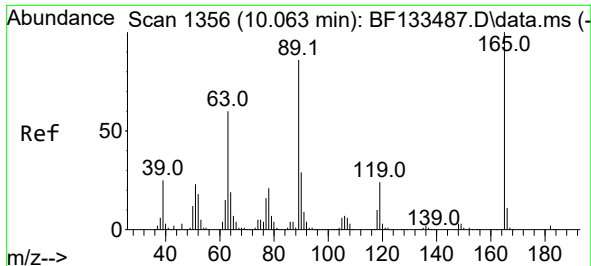
Ion Ratio Lower Upper

138 100

108 0.0 11.9 17.9#

92 0.0 93.1 139.7#

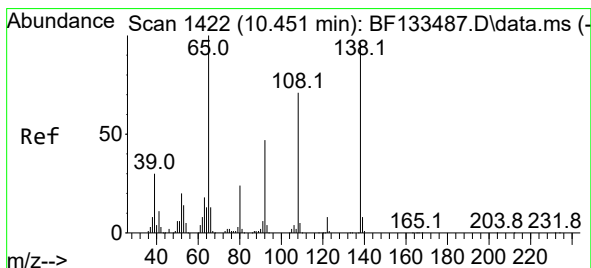
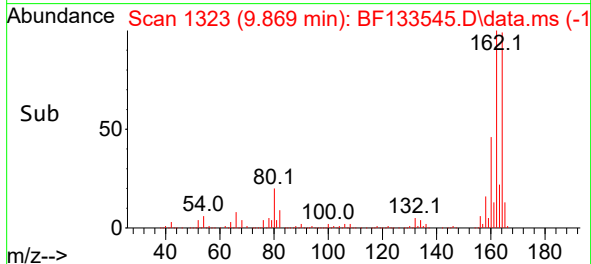
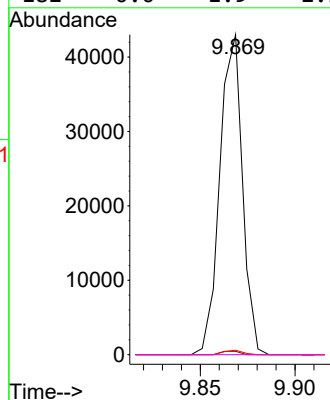
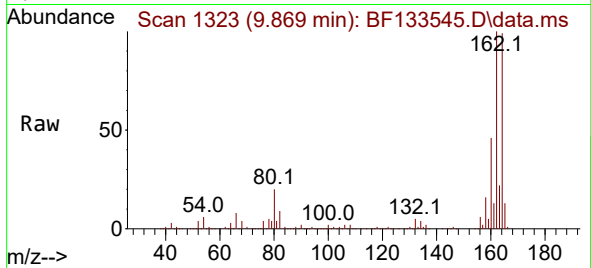




#57
2,4-Dinitrotoluene
Concen: 11.969 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

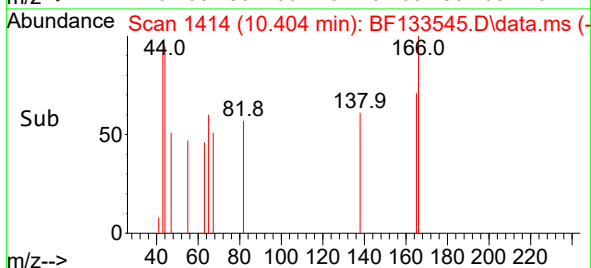
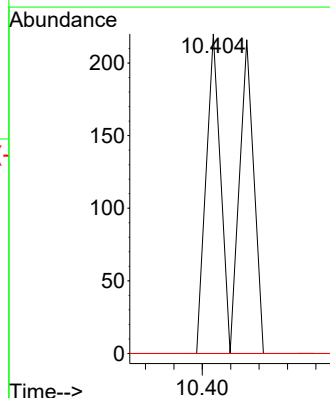
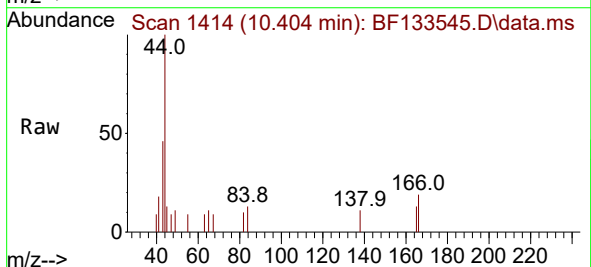
Instrument :
BNA_F
ClientSampleId :
TP-10-0A

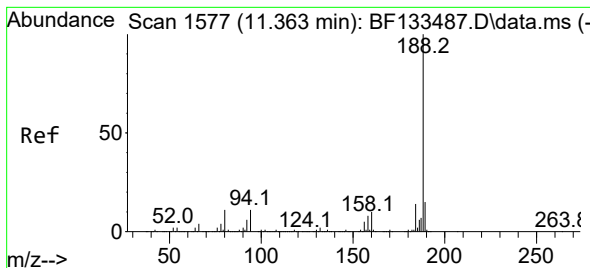
Tgt Ion:165 Resp: 35747
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.4 68.4 102.6#
182 0.0 1.9 2.9#



#62
4-Nitroaniline
Concen: 3.017 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.036 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

Tgt Ion:138 Resp: 154
Ion Ratio Lower Upper
138 100
92 0.0 28.4 68.4#
108 0.0 54.2 94.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133545.D

Acq: 31 May 2023 18:21

Instrument :

BNA_F

ClientSampleId :

TP-10-0A

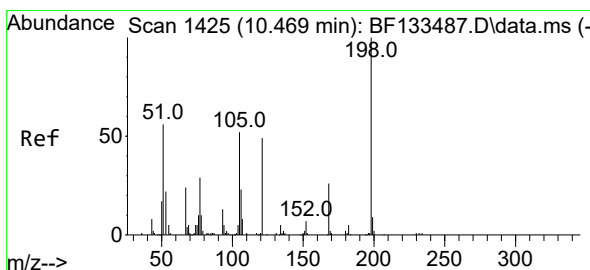
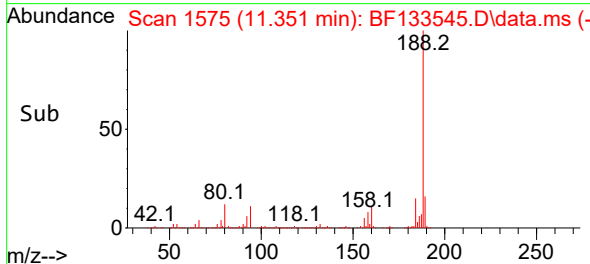
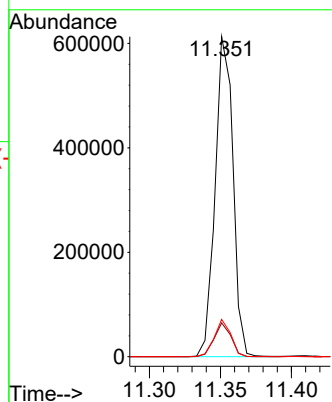
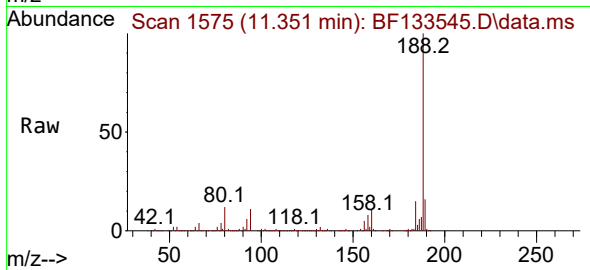
Tgt Ion:188 Resp: 534784

Ion Ratio Lower Upper

188 100

94 10.6 8.6 12.8

80 11.6 9.2 13.8



#65

4,6-Dinitro-2-methylphenol

Concen: 9.074 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.188 min

Lab File: BF133545.D

Acq: 31 May 2023 18:21

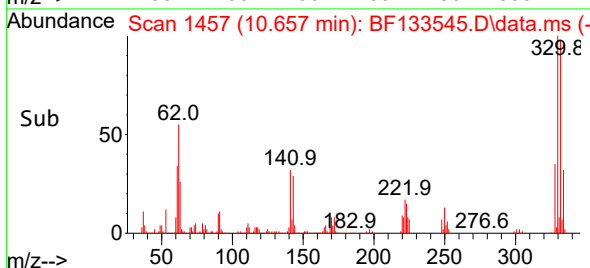
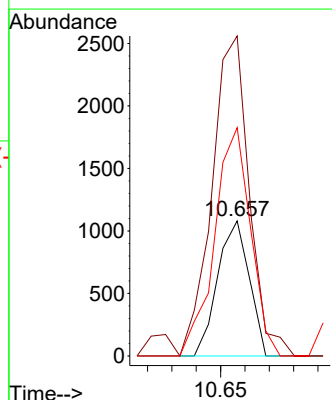
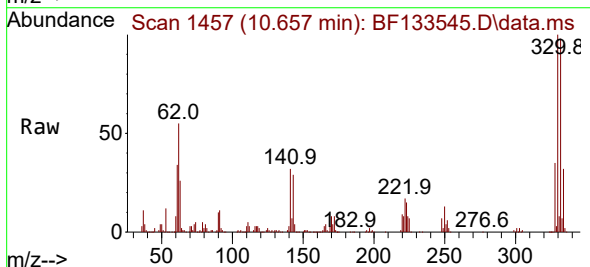
Tgt Ion:198 Resp: 968

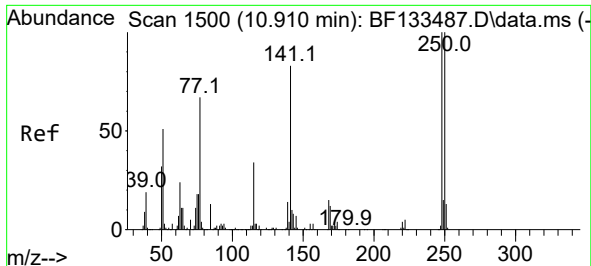
Ion Ratio Lower Upper

198 100

51 237.0 53.6 93.6#

105 169.2 35.9 75.9#

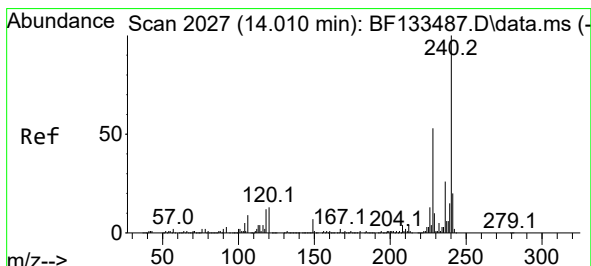
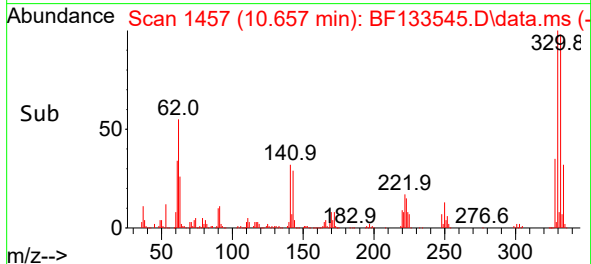
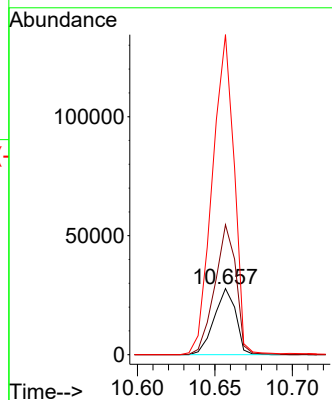
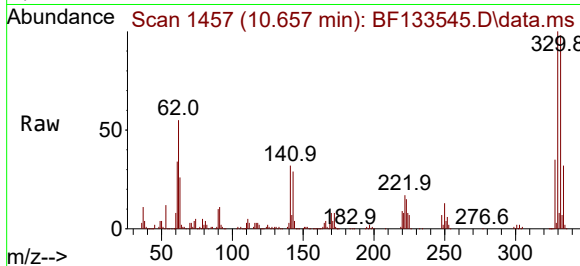




#67
4-Bromophenyl-phenylether
Concen: 4.757 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

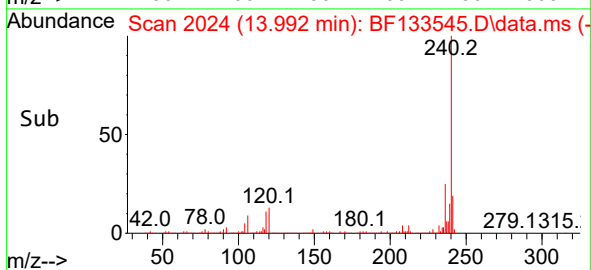
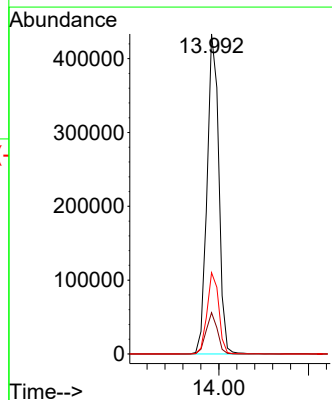
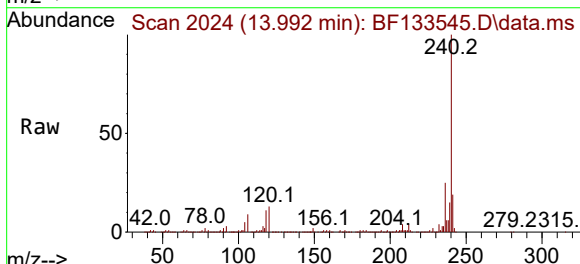
Instrument :
BNA_F
ClientSampleId :
TP-10-0A

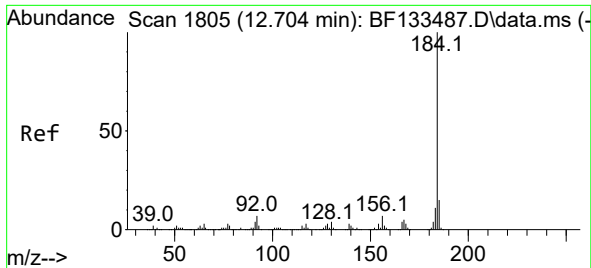
Tgt Ion:248 Resp: 27017
Ion Ratio Lower Upper
248 100
250 196.6 79.7 119.5#
141 484.0 66.6 100.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

Tgt Ion:240 Resp: 393021
Ion Ratio Lower Upper
240 100
120 12.9 10.3 15.5
236 25.4 20.5 30.7

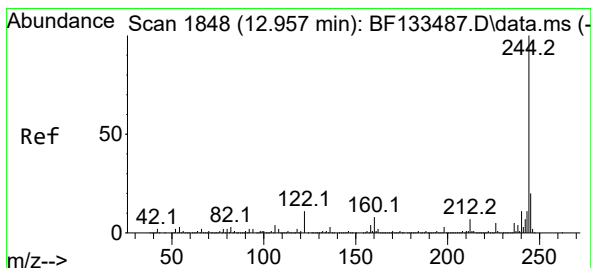
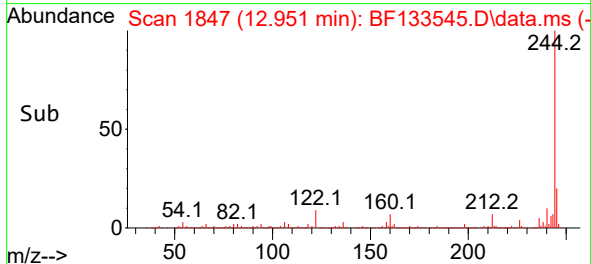
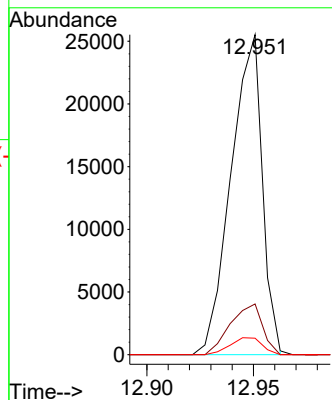
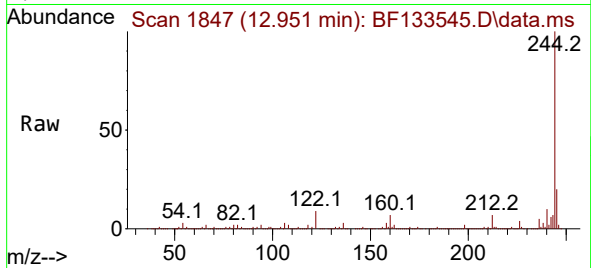




#77
Benzidine
Concen: 2.267 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

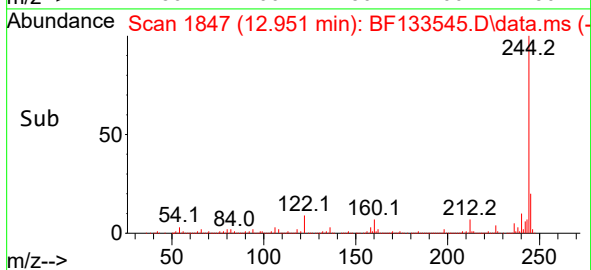
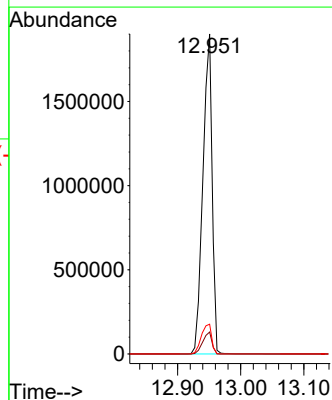
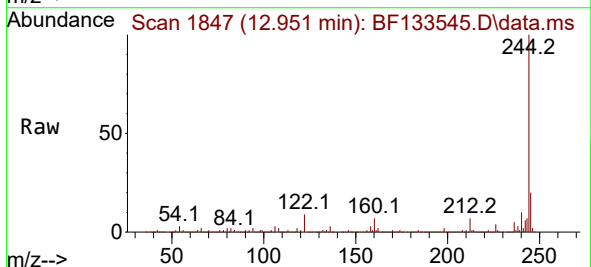
Instrument :
BNA_F
ClientSampleId :
TP-10-0A

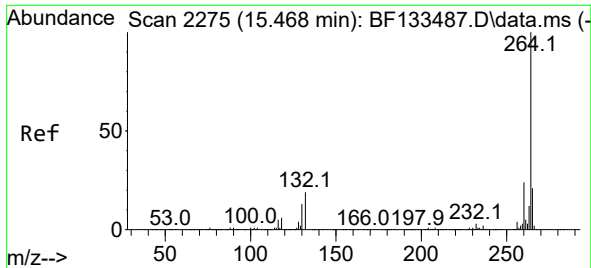
Tgt Ion:184 Resp: 26061
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 5.1 8.7 13.1#



#79
Terphenyl-d14
Concen: 87.586 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

Tgt Ion:244 Resp: 1936086
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 9.3 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133545.D
 Acq: 31 May 2023 18:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-0A

Tgt Ion:264 Resp: 304028
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 20.7 16.8 25.2

