

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133573.D
 Acq On : 05 Jun 2023 19:09
 Operator : CG\JU
 Sample : 02986-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-0A

Quant Time: Jun 06 01:06:05 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)

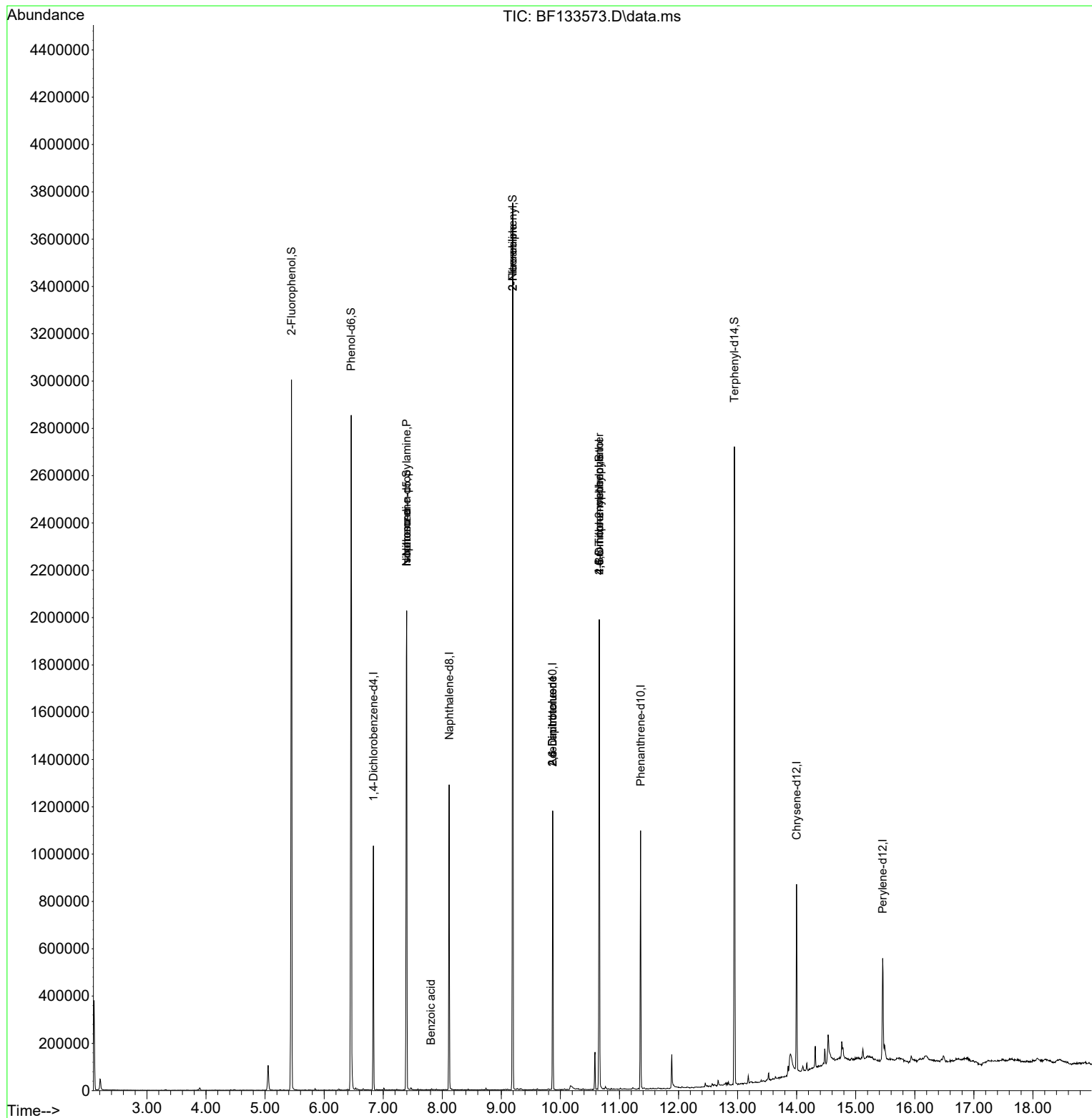
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	132317	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	485686	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	209460	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	357886	20.000	ng	0.00
76) Chrysene-d12	13.998	240	243675	20.000	ng	0.00
86) Perylene-d12	15.457	264	192927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	831592	104.860	ng	0.01
7) Phenol-d6	6.457	99	997864	102.214	ng	0.00
23) Nitrobenzene-d5	7.398	82	615759	84.650	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	227851	109.128	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1025103	75.536	ng	0.00
79) Terphenyl-d14	12.945	244	972783	70.979	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	268	Below Cal		87
19) n-Nitroso-di-n-propyla...	7.398	70	84515	13.380 ng	#	75
25) Isophorone	7.398	82	614803	36.265 ng	#	65
32) Benzoic acid	7.810	122	81	7.364 ng	#	30
48) 2-Nitroaniline	9.192	65	2077	4.472 ng	#	6
51) 2,6-Dinitrotoluene	9.869	165	26949	12.572 ng	#	18
57) 2,4-Dinitrotoluene	9.869	165	26949	11.736 ng	#	16
65) 4,6-Dinitro-2-methylph...	10.657	198	411	8.941 ng	#	1
67) 4-Bromophenyl-phenylether	10.657	248	13562	3.568 ng	#	1

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

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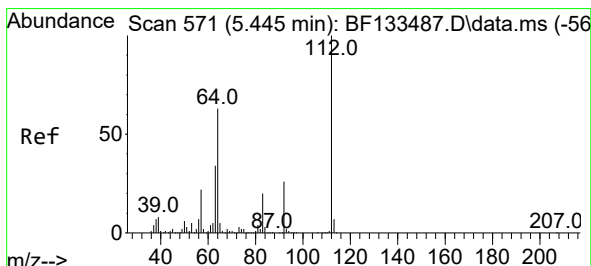
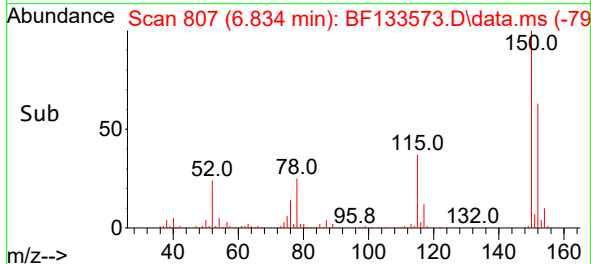
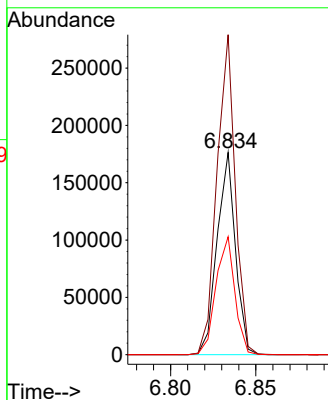
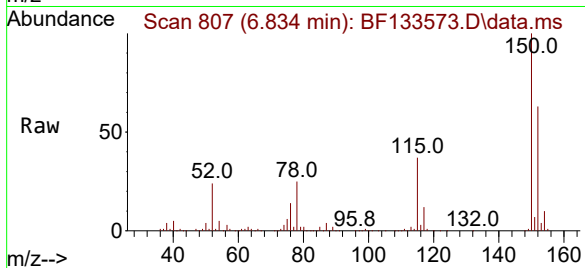




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

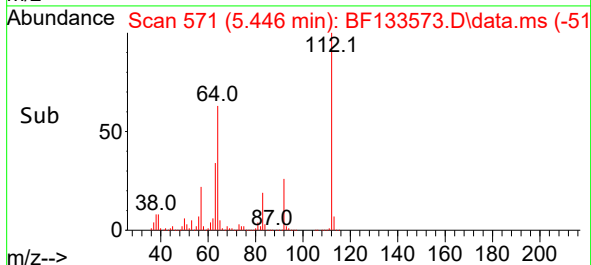
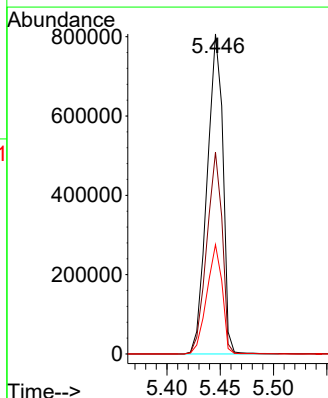
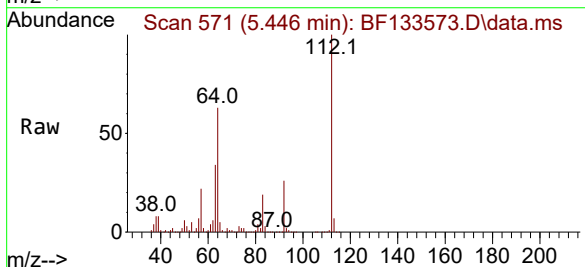
Instrument :
BNA_F
ClientSampleId :
TP-15-0A

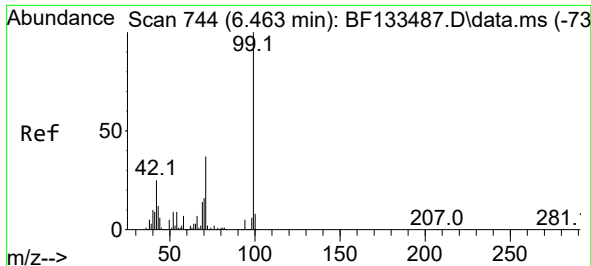
Tgt Ion:152 Resp: 132317
Ion Ratio Lower Upper
152 100
150 158.3 124.9 187.3
115 58.3 48.1 72.1



#5
2-Fluorophenol
Concen: 104.860 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

Tgt Ion:112 Resp: 831592
Ion Ratio Lower Upper
112 100
64 63.1 50.1 75.1
63 34.2 27.5 41.3





#7

Phenol-d6

Concen: 102.214 ng

RT: 6.457 min Scan# 744

Delta R.T. 0.000 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

Instrument :

BNA_F

ClientSampleId :

TP-15-0A

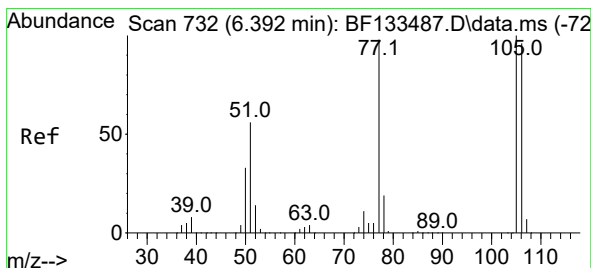
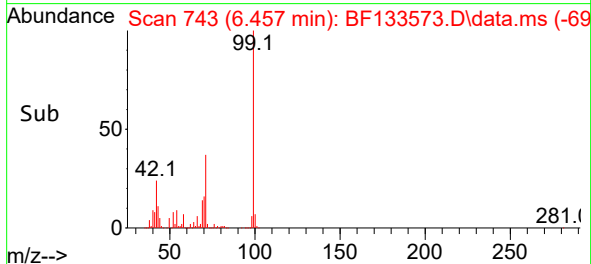
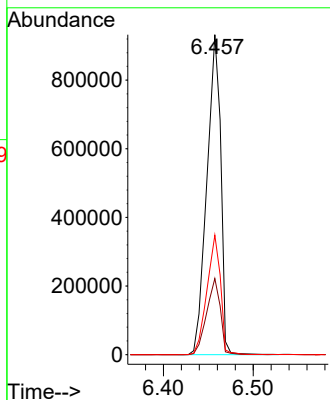
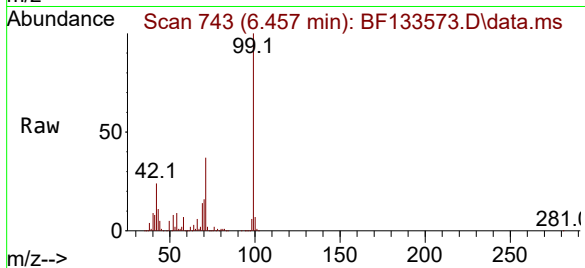
Tgt Ion: 99 Resp: 997864

Ion Ratio Lower Upper

99 100

42 23.8 19.7 29.5

71 37.3 29.8 44.8



#9

Benzaldehyde

Concen: Below Cal

RT: 6.381 min Scan# 730

Delta R.T. 0.000 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

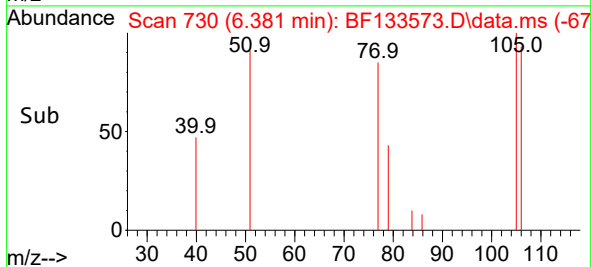
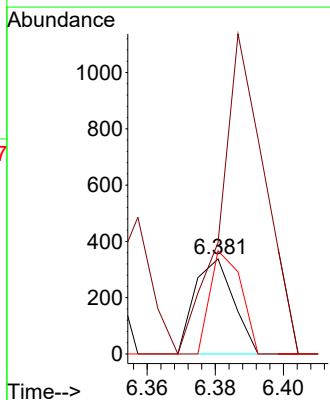
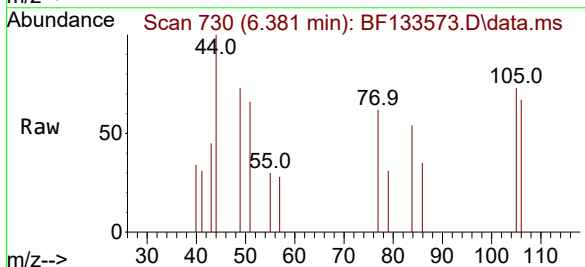
Tgt Ion: 77 Resp: 268

Ion Ratio Lower Upper

77 100

105 117.2 81.9 121.9

106 108.6 77.8 117.8

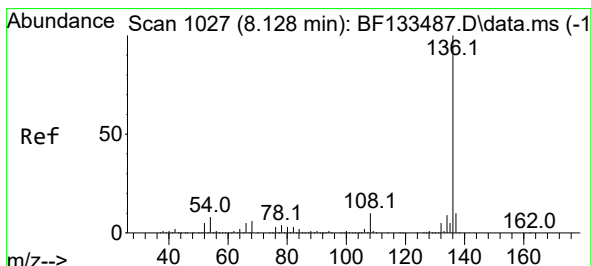
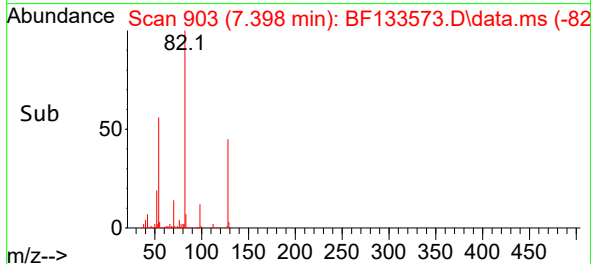
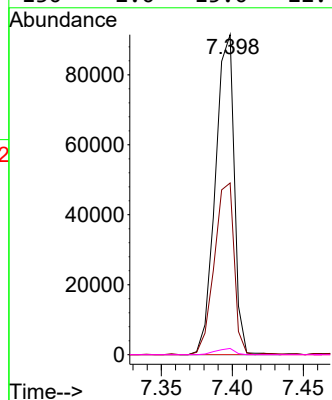
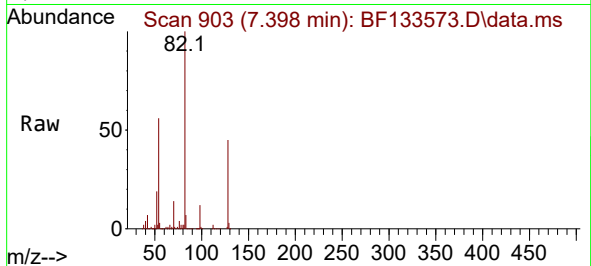




#19
n-Nitroso-di-n-propylamine
Concen: 13.380 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

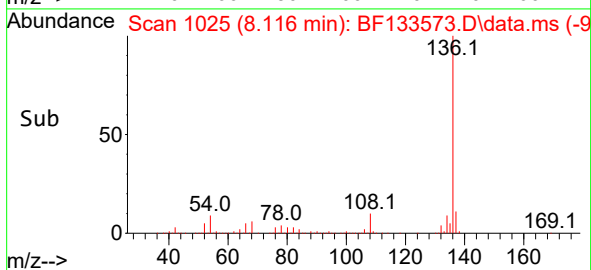
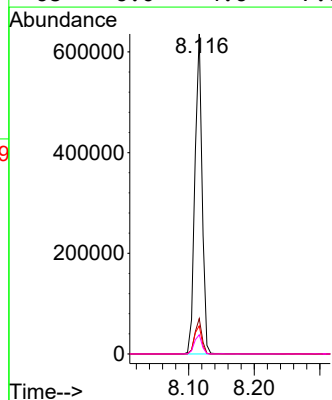
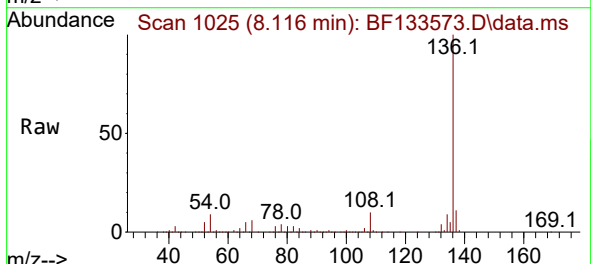
Instrument :
BNA_F
ClientSampleId :
TP-15-0A

Tgt Ion: 70 Resp: 84515
Ion Ratio Lower Upper
70 100
42 53.7 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. 0.000 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

Tgt Ion:136 Resp: 485686
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 8.8 6.6 10.0
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 84.650 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

Instrument :

BNA_F

ClientSampleId :

TP-15-0A

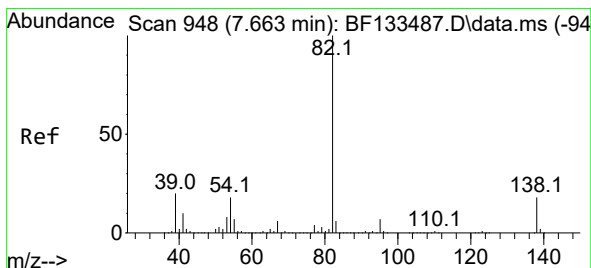
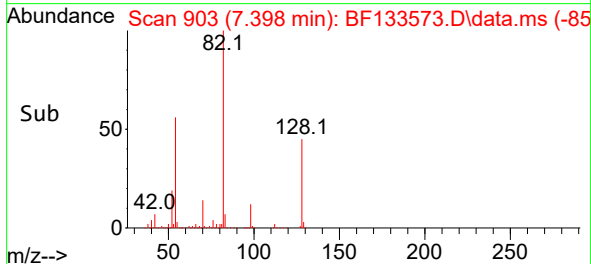
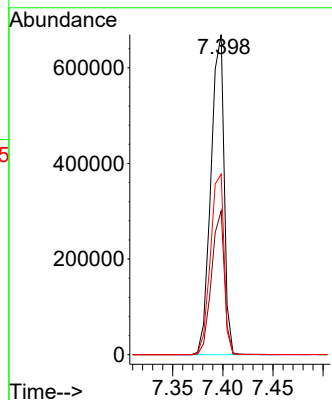
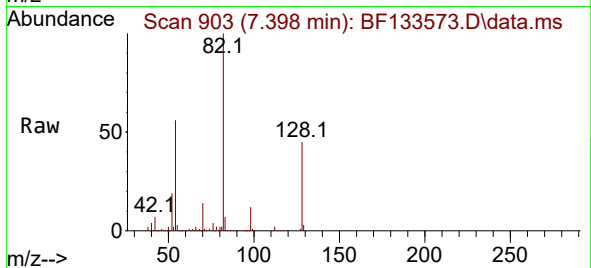
Tgt Ion: 82 Resp: 615759

Ion Ratio Lower Upper

82 100

128 45.0 34.2 51.4

54 56.4 48.2 72.4



#25

Isophorone

Concen: 36.265 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.259 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

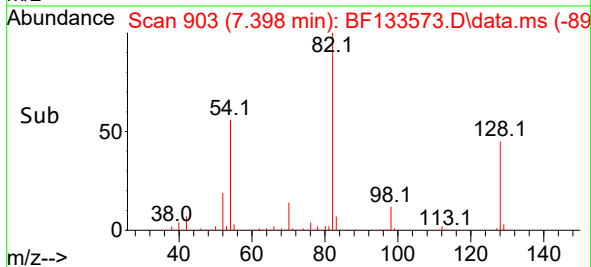
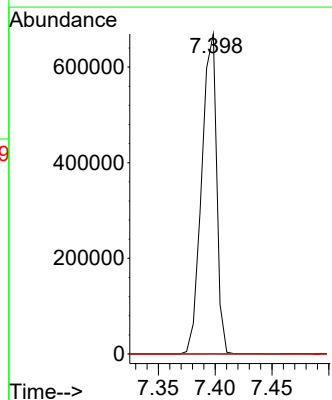
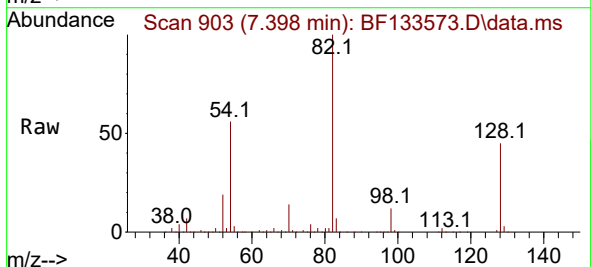
Tgt Ion: 82 Resp: 614803

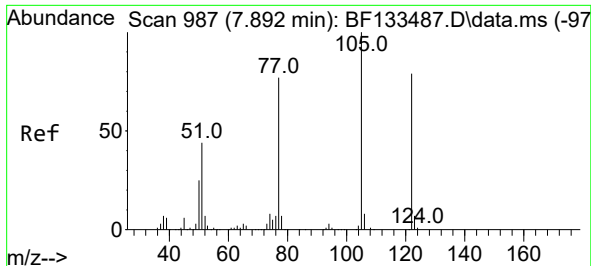
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

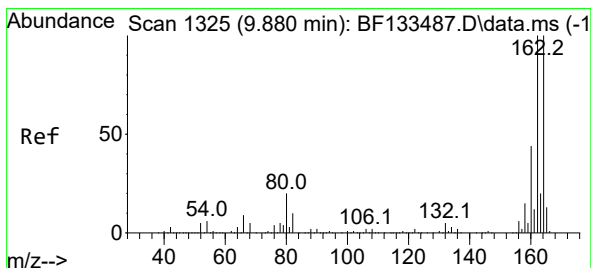
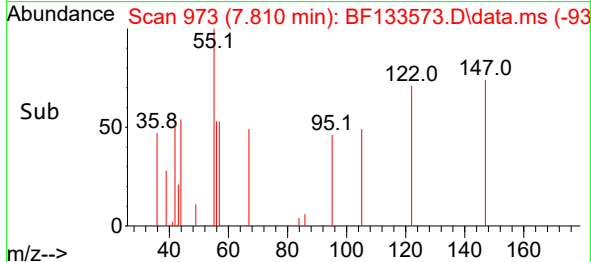
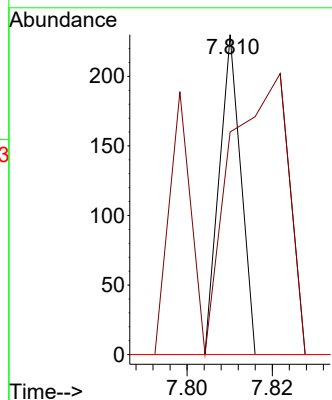
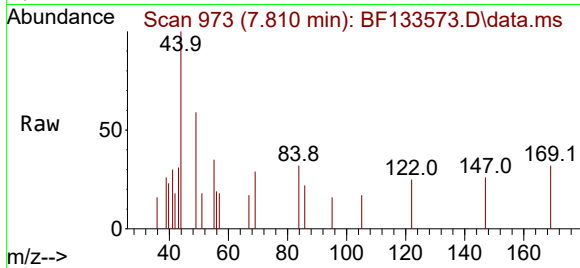




#32
Benzoic acid
Concen: 7.364 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.053 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

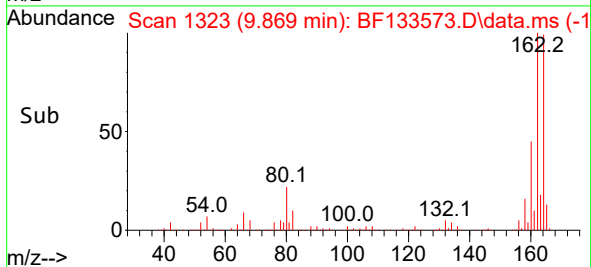
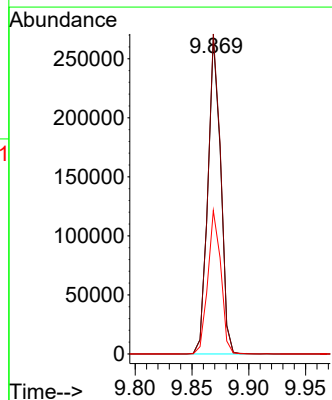
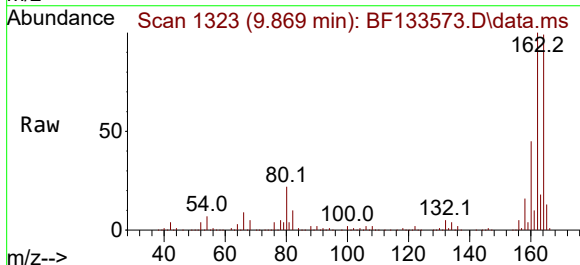
Instrument :
BNA_F
ClientSampleId :
TP-15-0A

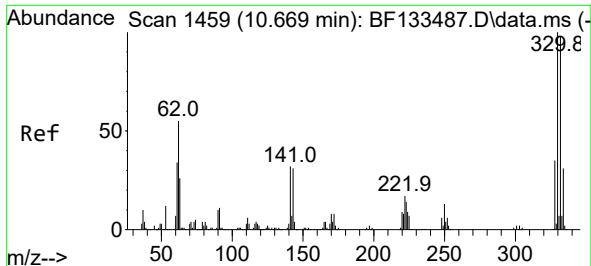
Tgt Ion:122 Resp: 81
Ion Ratio Lower Upper
122 100
105 69.6 103.3 143.3#
77 0.0 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

Tgt Ion:164 Resp: 209460
Ion Ratio Lower Upper
164 100
162 101.3 79.7 119.5
160 45.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 109.128 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133573.D

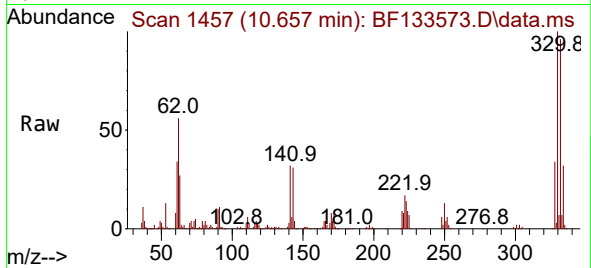
Acq: 05 Jun 2023 19:09

Instrument :

BNA_F

ClientSampleId :

TP-15-0A



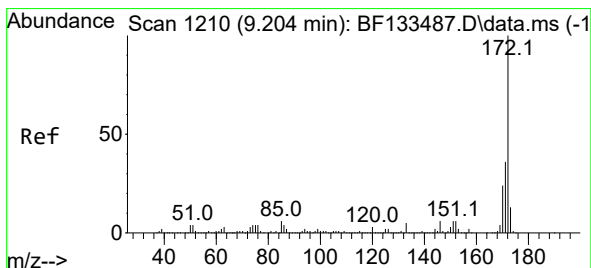
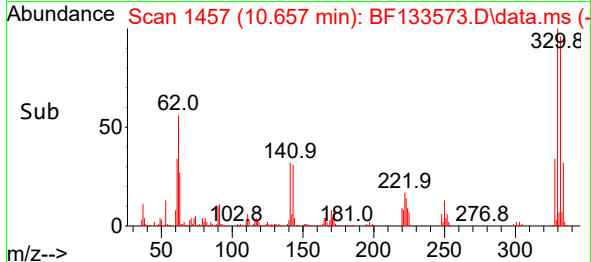
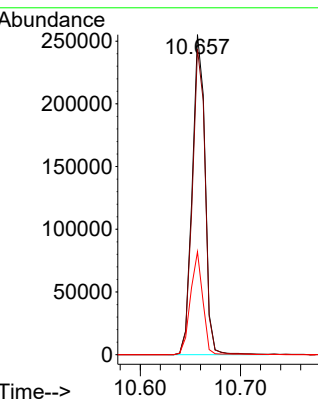
Tgt Ion:330 Resp: 227851

Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.6

141 30.9 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 75.536 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

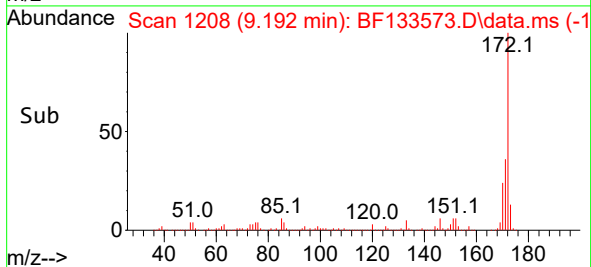
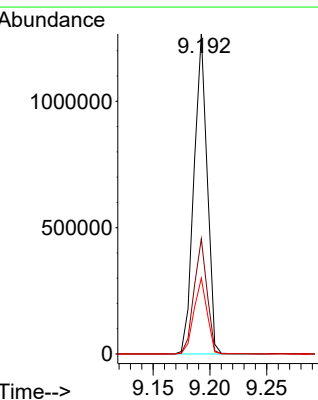
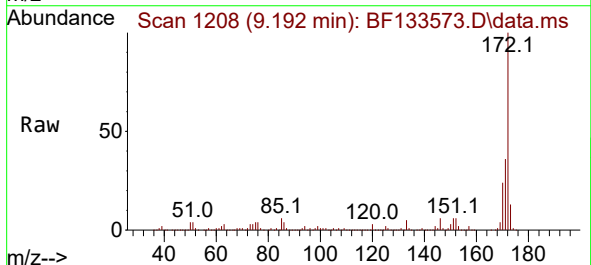
Tgt Ion:172 Resp: 1025103

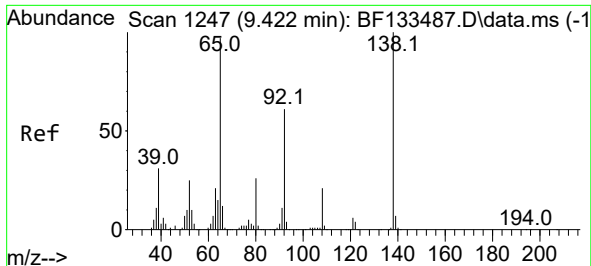
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.7 19.3 28.9





#48

2-Nitroaniline

Concen: 4.472 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.217 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

Instrument :

BNA_F

ClientSampleId :

TP-15-0A

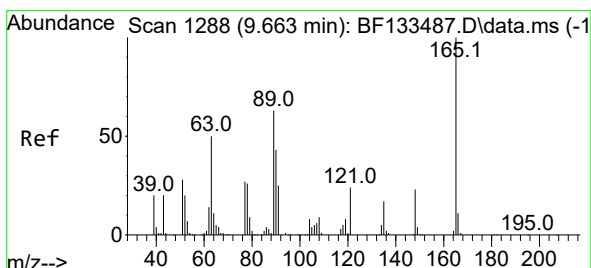
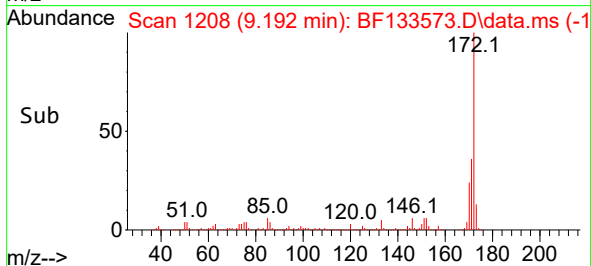
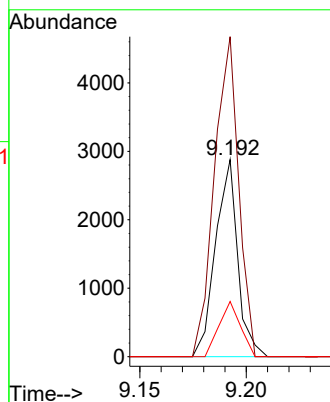
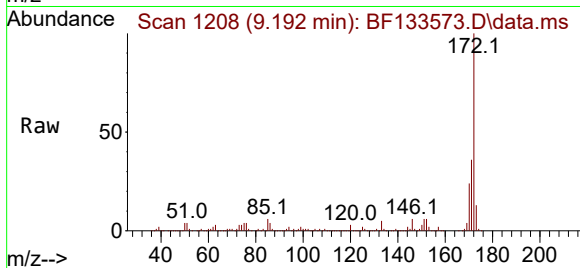
Tgt Ion: 65 Resp: 2077

Ion Ratio Lower Upper

65 100

92 162.3 50.8 76.2#

138 28.0 82.6 124.0#



#51

2,6-Dinitrotoluene

Concen: 12.572 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.212 min

Lab File: BF133573.D

Acq: 05 Jun 2023 19:09

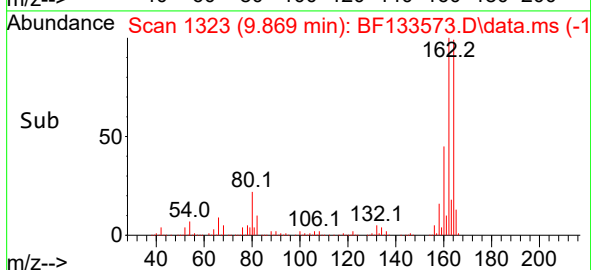
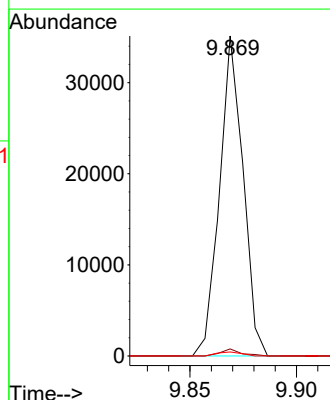
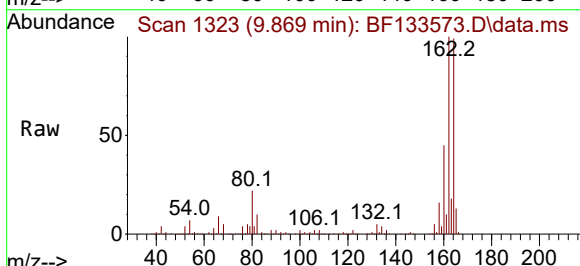
Tgt Ion: 165 Resp: 26949

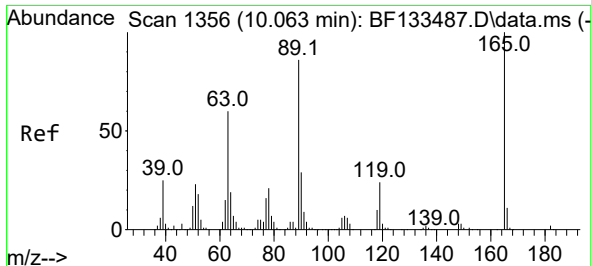
Ion Ratio Lower Upper

165 100

63 2.2 57.0 85.4#

89 1.2 50.8 76.2#

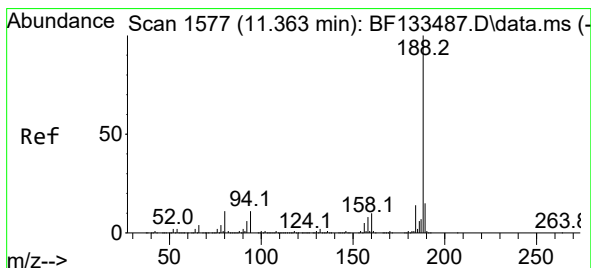
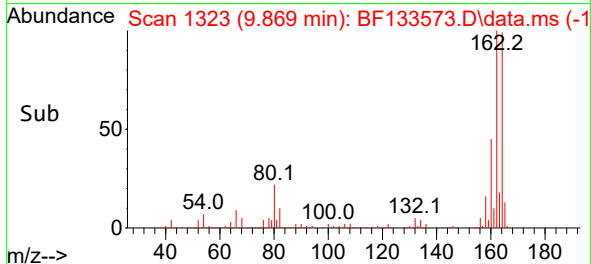
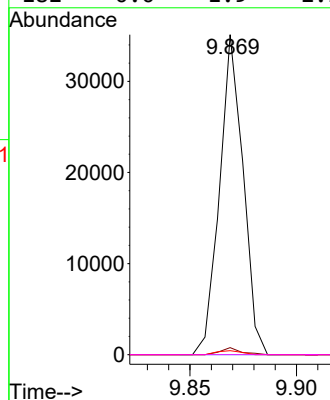
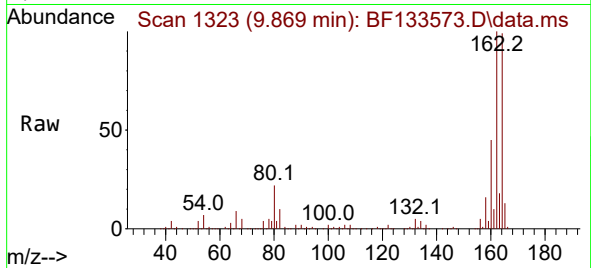




#57
2,4-Dinitrotoluene
Concen: 11.736 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

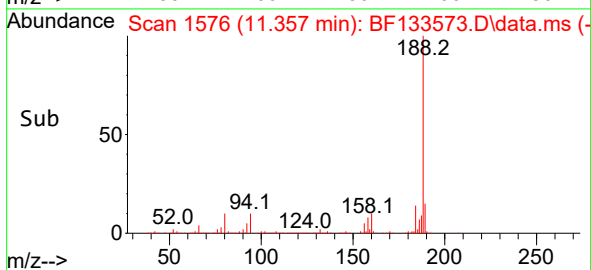
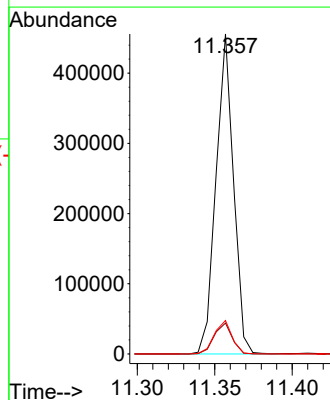
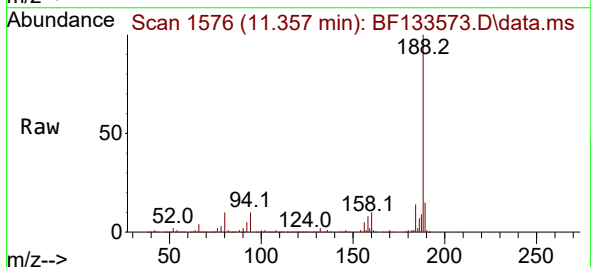
Instrument :
BNA_F
ClientSampleId :
TP-15-0A

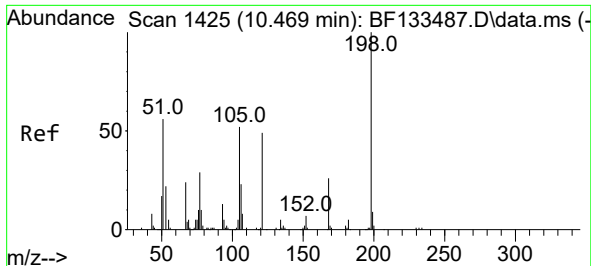
Tgt Ion:165 Resp: 26949
Ion Ratio Lower Upper
165 100
63 2.2 48.1 72.1#
89 1.2 68.4 102.6#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

Tgt Ion:188 Resp: 357886
Ion Ratio Lower Upper
188 100
94 9.6 8.6 12.8
80 10.5 9.2 13.8

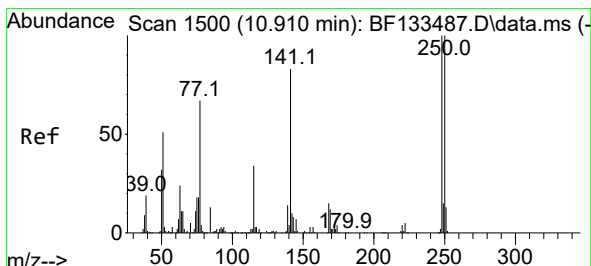
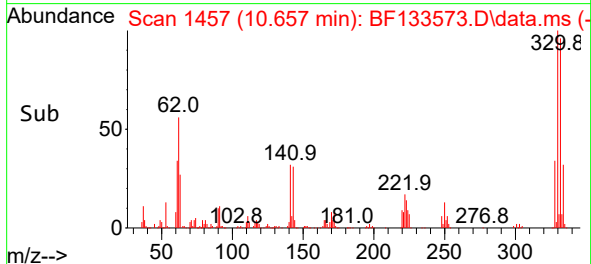
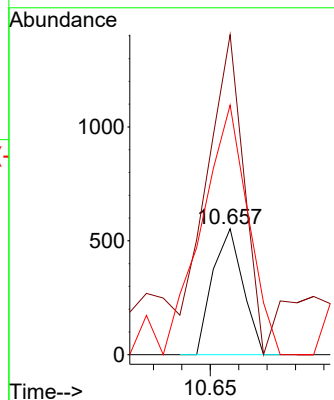
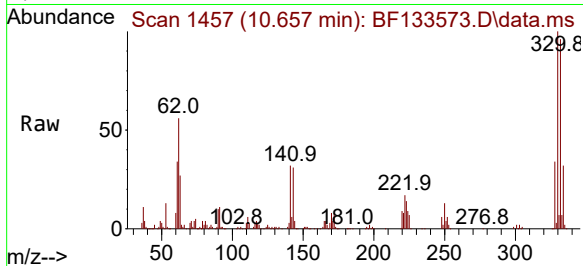




#65
4,6-Dinitro-2-methylphenol
Concen: 8.941 ng
RT: 10.657 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

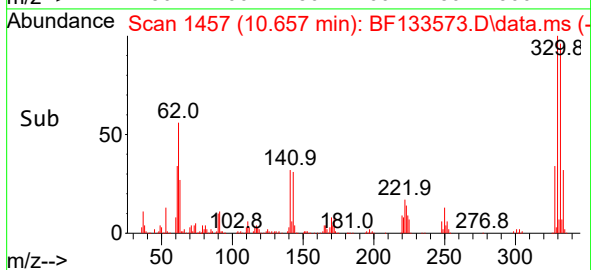
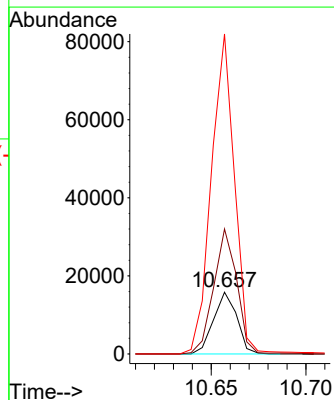
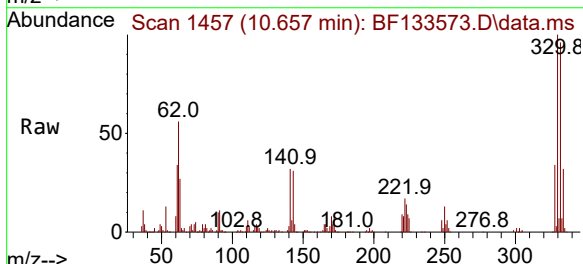
Instrument :
BNA_F
ClientSampleId :
TP-15-0A

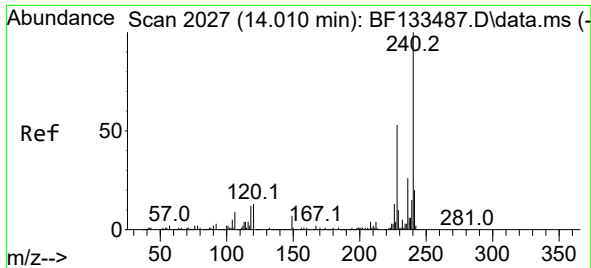
Tgt Ion:198 Resp: 411
Ion Ratio Lower Upper
198 100
51 254.1 53.6 93.6#
105 198.2 35.9 75.9#



#67
4-Bromophenyl-phenylether
Concen: 3.568 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

Tgt Ion:248 Resp: 13562
Ion Ratio Lower Upper
248 100
250 202.2 79.7 119.5#
141 517.7 66.6 100.0#

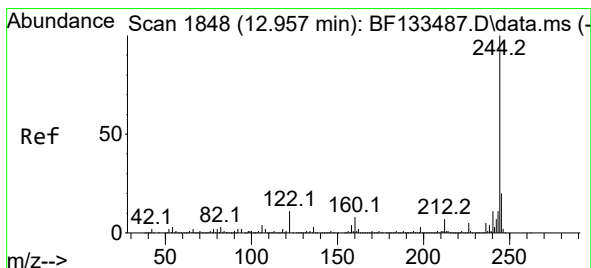
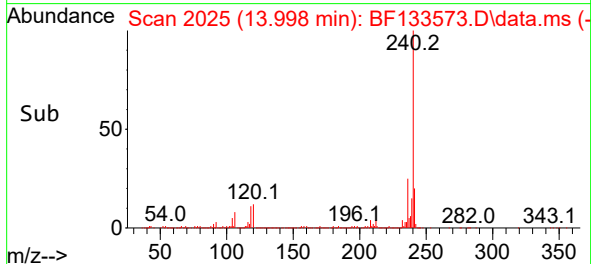
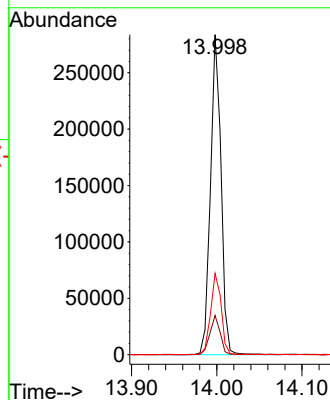
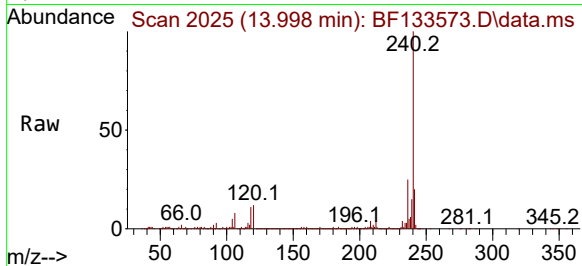




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

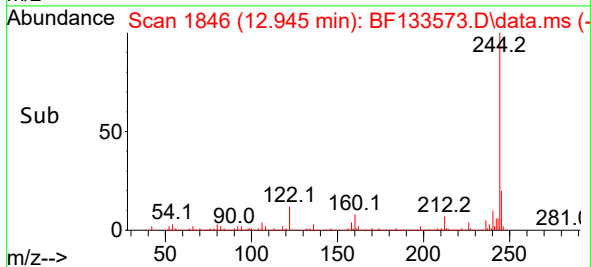
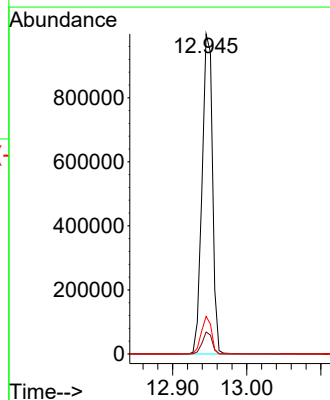
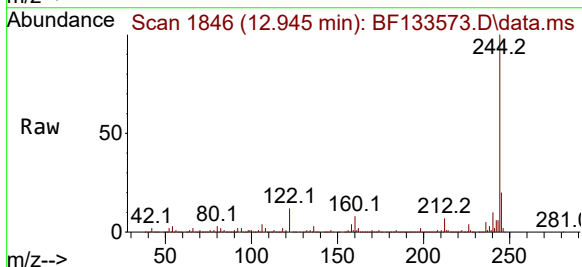
Instrument :
BNA_F
ClientSampleId :
TP-15-0A

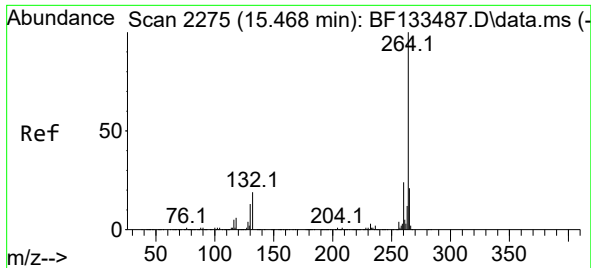
Tgt Ion:240 Resp: 243675
Ion Ratio Lower Upper
240 100
120 12.3 10.3 15.5
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 70.979 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

Tgt Ion:244 Resp: 972783
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 11.7 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133573.D
Acq: 05 Jun 2023 19:09

Instrument :
BNA_F
ClientSampleId :
TP-15-0A

Tgt Ion:264 Resp: 192927

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.0	28.4
265	21.4	16.8	25.2

