

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133572.D
 Acq On : 05 Jun 2023 18:37
 Operator : CG\JU
 Sample : 02986-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-0A

Quant Time: Jun 06 01:05:52 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)

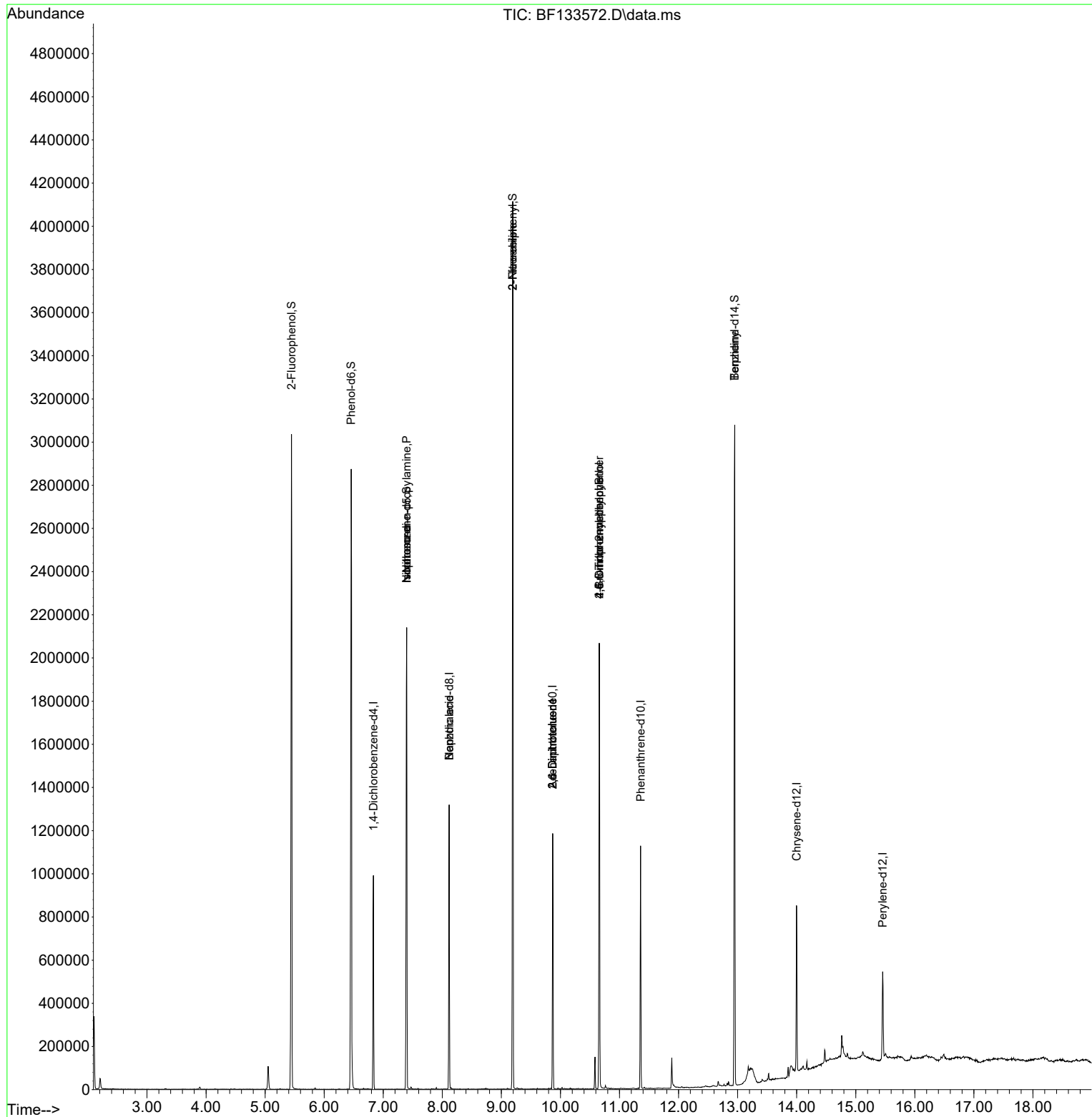
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	134676	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	487880	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	218125	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	372022	20.000	ng	0.00
76) Chrysene-d12	13.998	240	244377	20.000	ng	0.00
86) Perylene-d12	15.456	264	184742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	861733	106.758	ng	0.01
7) Phenol-d6	6.457	99	1034650	104.126	ng	0.00
23) Nitrobenzene-d5	7.398	82	636222	87.070	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	241527	111.082	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1135139	80.322	ng	0.00
79) Terphenyl-d14	12.951	244	1089890	79.296	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.386	77	67	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	7.398	70	88582	13.778	ng	# 76
25) Isophorone	7.398	82	635130	37.295	ng	# 65
32) Benzoic acid	8.116	122	76	7.363	ng	# 1
48) 2-Nitroaniline	9.192	65	2123	4.463	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	27250	12.314	ng	# 18
57) 2,4-Dinitrotoluene	9.869	165	27250	11.533	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.657	198	574	9.020	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	14963	3.787	ng	# 1
77) Benzidine	12.951	184	14506	2.030	ng	# 93

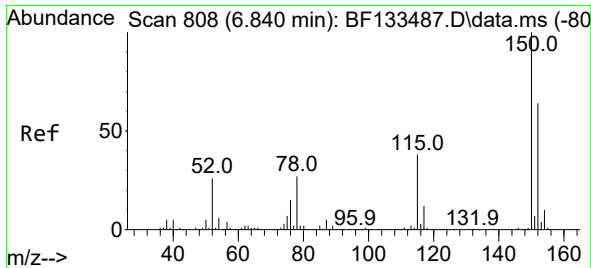
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
Data File : BF133572.D
Acq On : 05 Jun 2023 18:37
Operator : CG\JU
Sample : 02986-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-0A

Quant Time: Jun 06 01:05:52 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

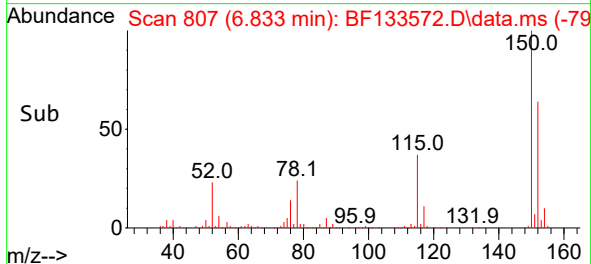
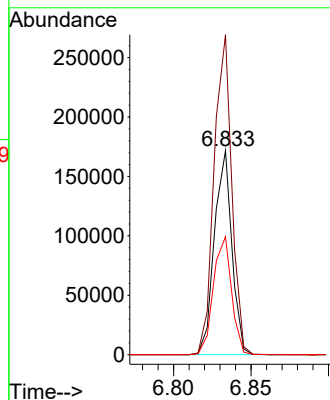
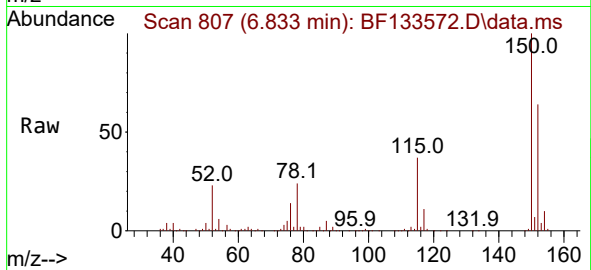




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

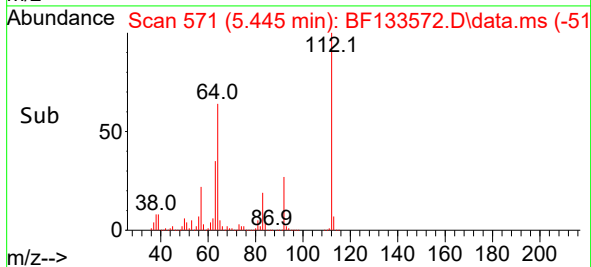
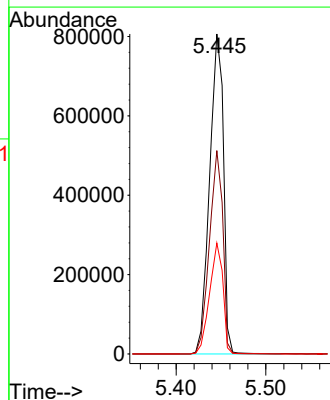
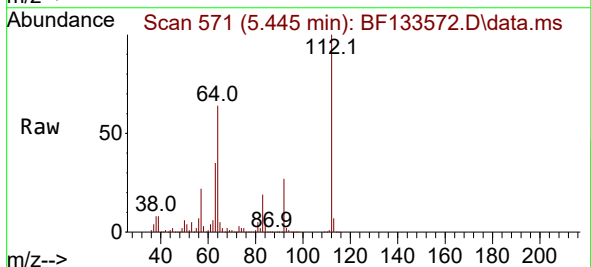
Instrument :
BNA_F
ClientSampleId :
TP-14-0A

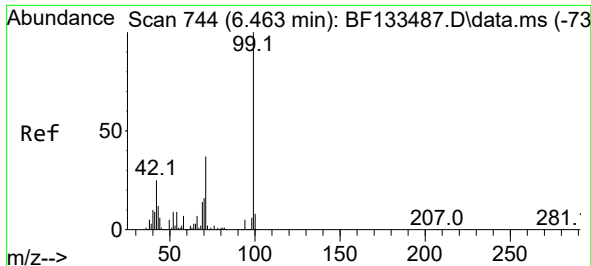
Tgt Ion:152 Resp: 134676
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 57.9 48.1 72.1



#5
2-Fluorophenol
Concen: 106.758 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

Tgt Ion:112 Resp: 861733
Ion Ratio Lower Upper
112 100
64 63.5 50.1 75.1
63 34.7 27.5 41.3





#7

Phenol-d6

Concen: 104.126 ng

RT: 6.457 min Scan# 744

Delta R.T. -0.000 min

Lab File: BF133572.D

Acq: 05 Jun 2023 18:37

Instrument :

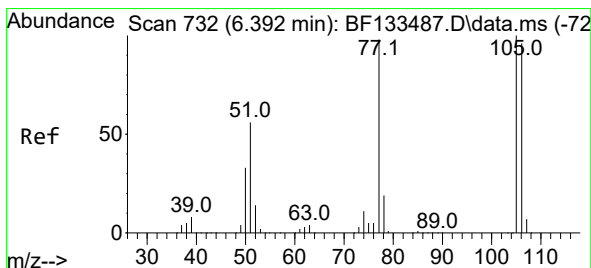
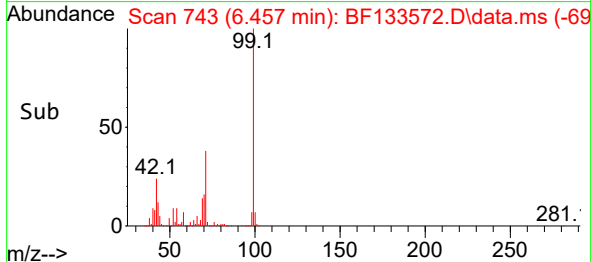
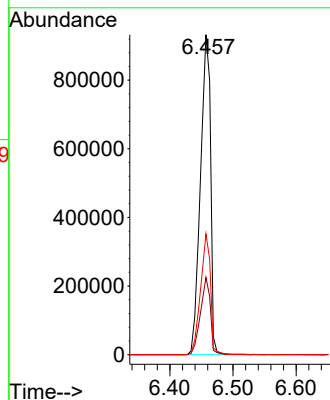
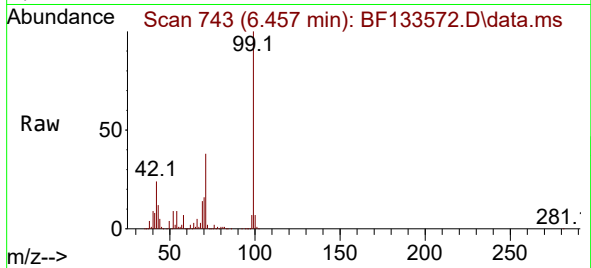
BNA_F

ClientSampleId :

TP-14-0A

Tgt Ion: 99 Resp: 1034650

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.7	29.5
71	37.7	29.8	44.8



#9

Benzaldehyde

Concen: Below Cal

RT: 6.386 min Scan# 731

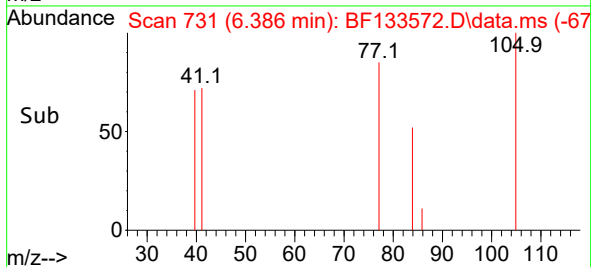
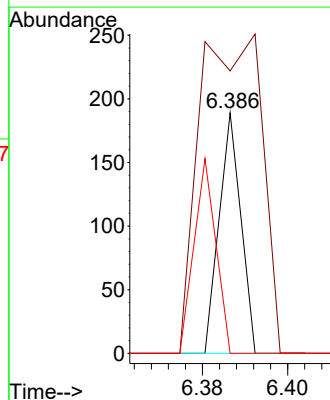
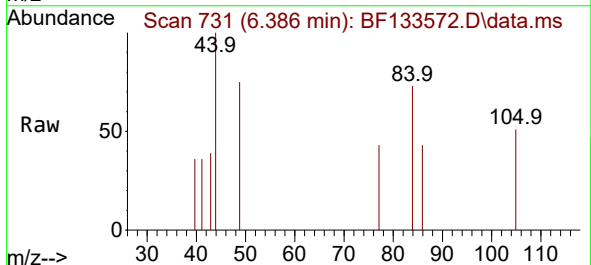
Delta R.T. 0.006 min

Lab File: BF133572.D

Acq: 05 Jun 2023 18:37

Tgt Ion: 77 Resp: 67

Ion	Ratio	Lower	Upper
77	100		
105	117.5	81.9	121.9
106	0.0	77.8	117.8

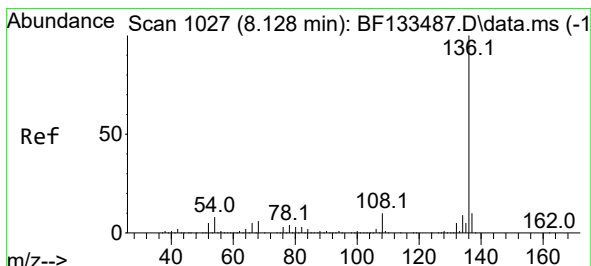
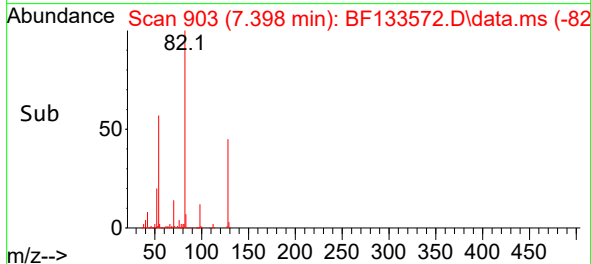
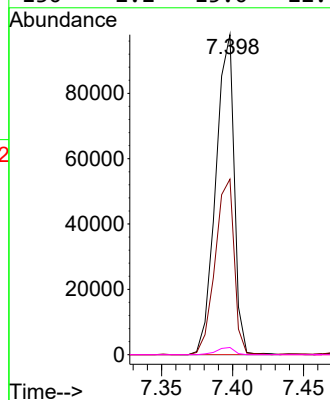
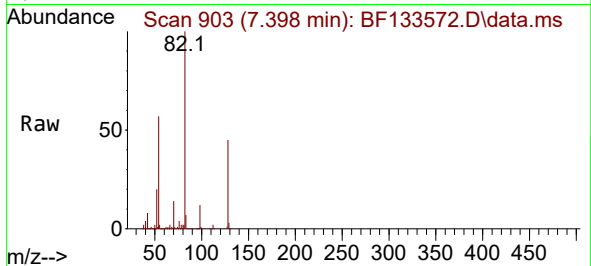




#19
n-Nitroso-di-n-propylamine
Concen: 13.778 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

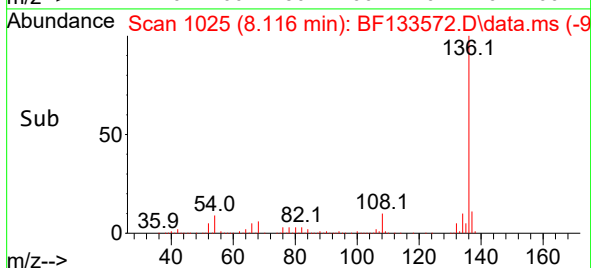
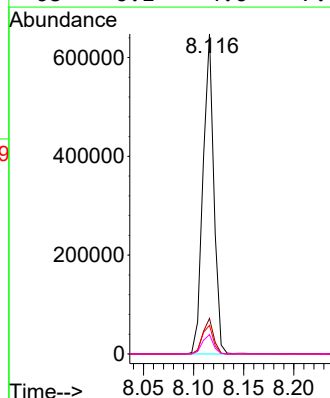
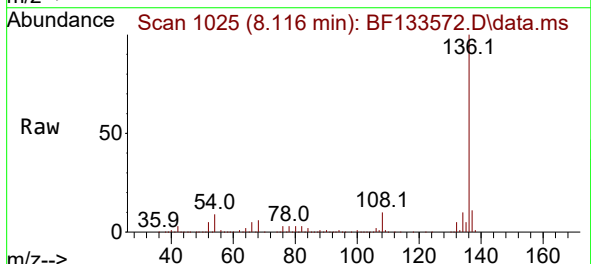
Instrument :
BNA_F
ClientSampleId :
TP-14-0A

Tgt Ion: 70 Resp: 88582
Ion Ratio Lower Upper
70 100
42 54.9 57.2 85.8#
101 0.0 7.3 10.9#
130 2.2 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: BF133572.D
Acq: 05 Jun 2023 18:37

Tgt Ion:136 Resp: 487880
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 9.0 6.6 10.0
68 6.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 87.070 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF133572.D

Acq: 05 Jun 2023 18:37

Instrument :

BNA_F

ClientSampleId :

TP-14-0A

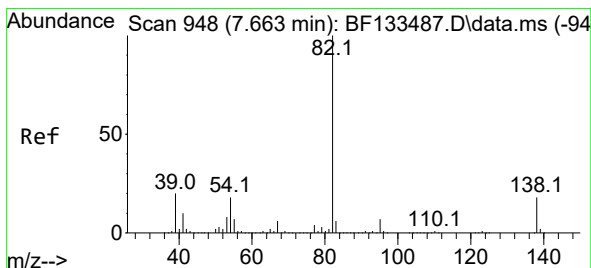
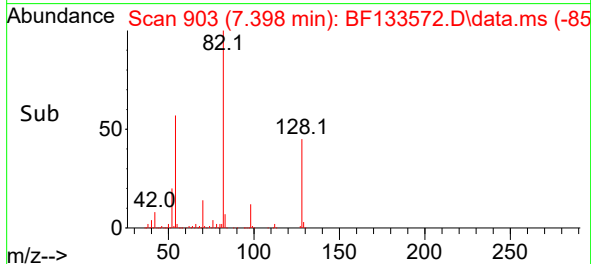
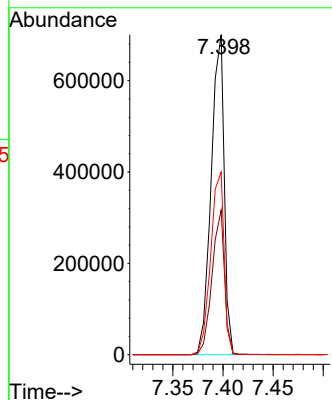
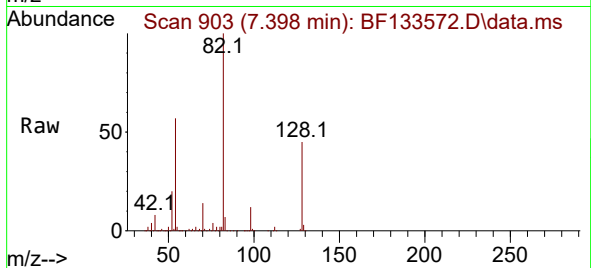
Tgt Ion: 82 Resp: 636222

Ion Ratio Lower Upper

82 100

128 45.2 34.2 51.4

54 57.1 48.2 72.4



#25

Isophorone

Concen: 37.295 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.259 min

Lab File: BF133572.D

Acq: 05 Jun 2023 18:37

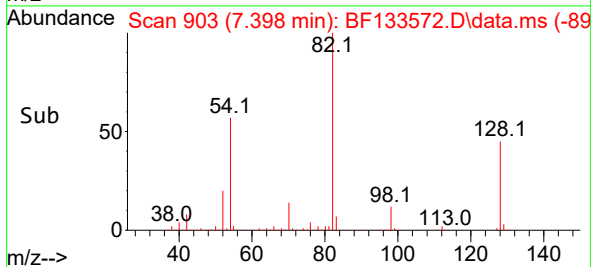
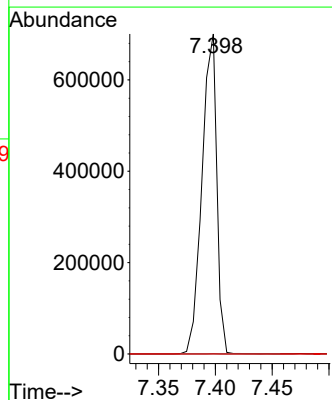
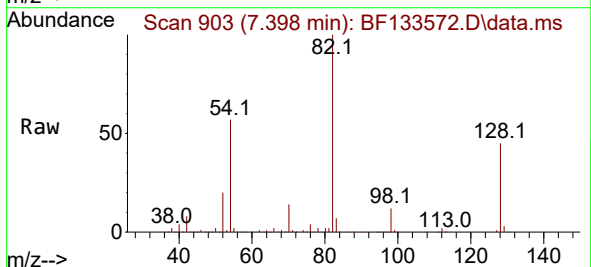
Tgt Ion: 82 Resp: 635130

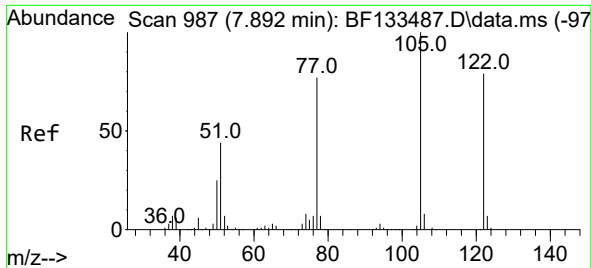
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

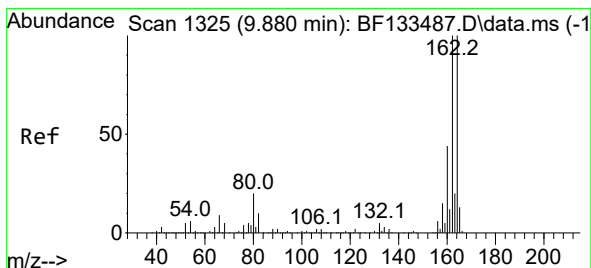
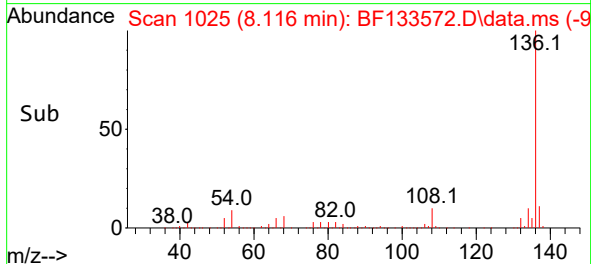
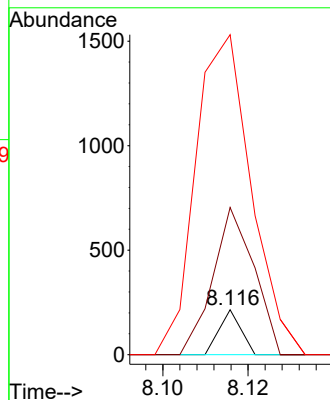
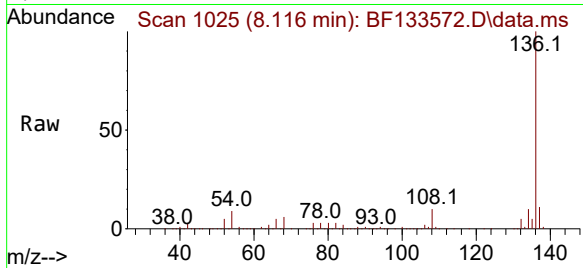




#32
Benzoic acid
Concen: 7.363 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.253 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

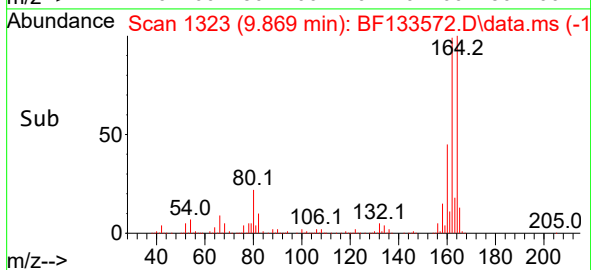
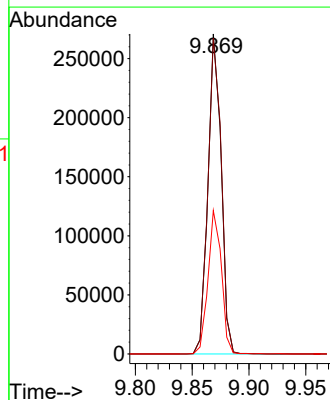
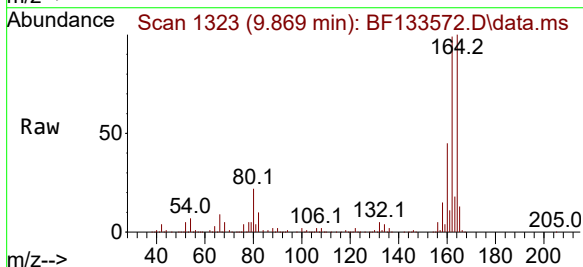
Instrument :
BNA_F
ClientSampleId :
TP-14-0A

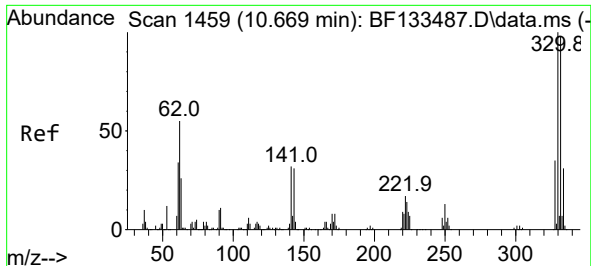
Tgt Ion:	122	Resp:	76
Ion	Ratio	Lower	Upper
122	100		
105	327.4	103.3	143.3#
77	712.1	75.7	115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

Tgt Ion:	164	Resp:	218125
Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.7	119.5
160	44.8	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 111.082 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133572.D

Acq: 05 Jun 2023 18:37

Instrument :

BNA_F

ClientSampleId :

TP-14-0A

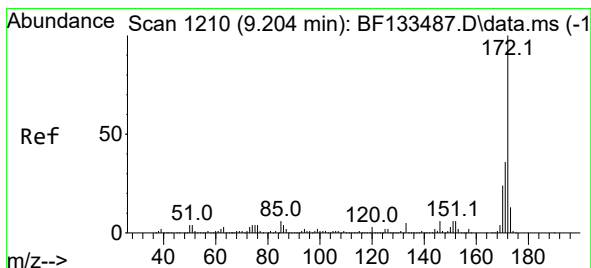
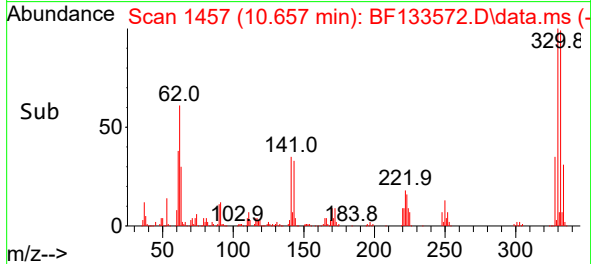
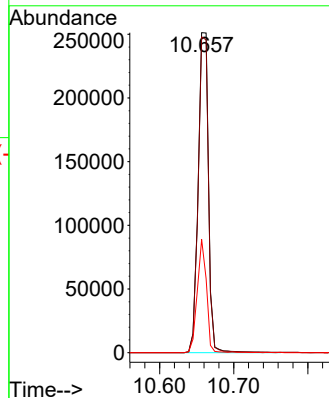
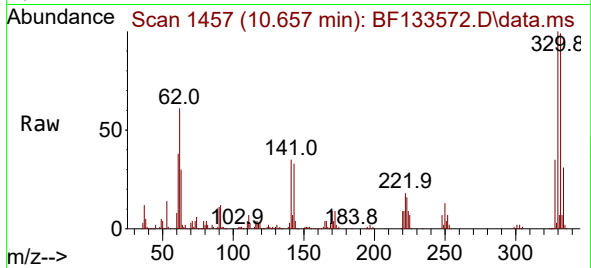
Tgt Ion:330 Resp: 241527

Ion Ratio Lower Upper

330 100

332 97.8 77.8 116.6

141 31.7 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 80.322 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133572.D

Acq: 05 Jun 2023 18:37

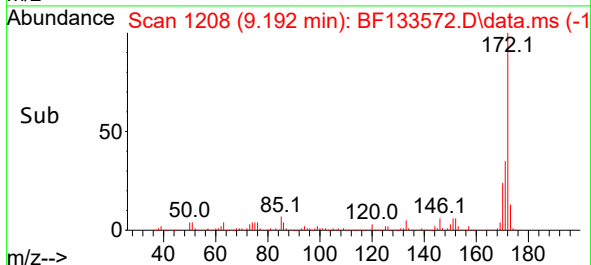
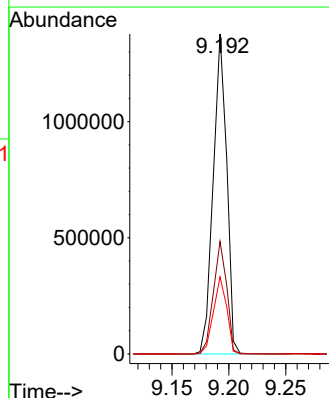
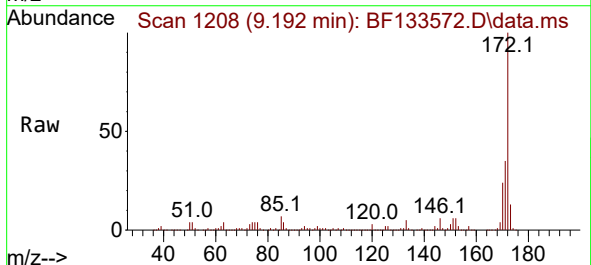
Tgt Ion:172 Resp: 1135139

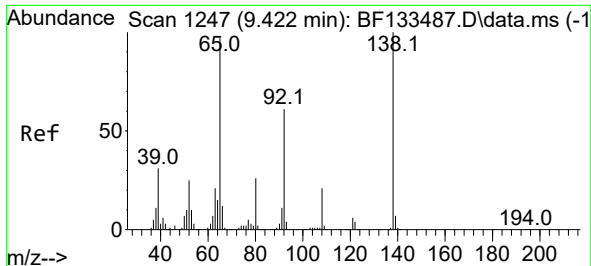
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 24.1 19.3 28.9

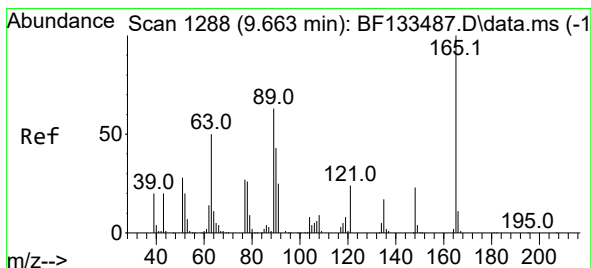
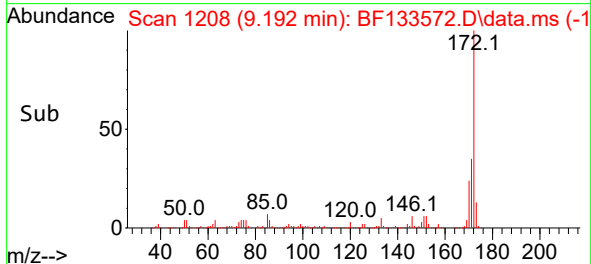
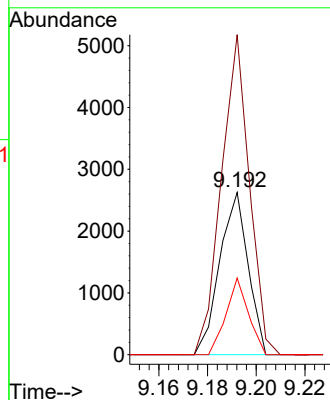
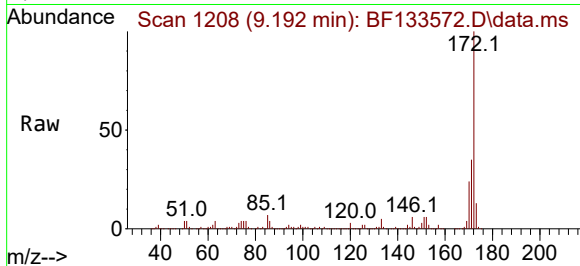




#48
2-Nitroaniline
Concen: 4.463 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

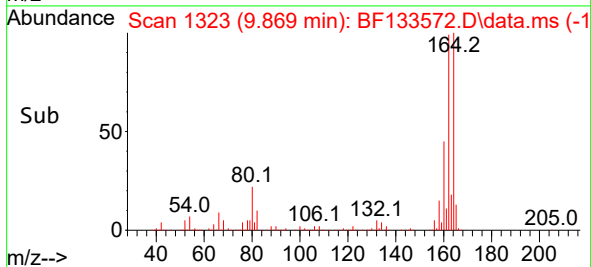
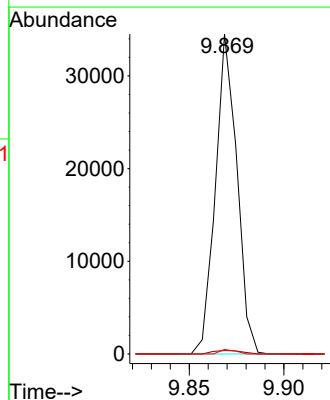
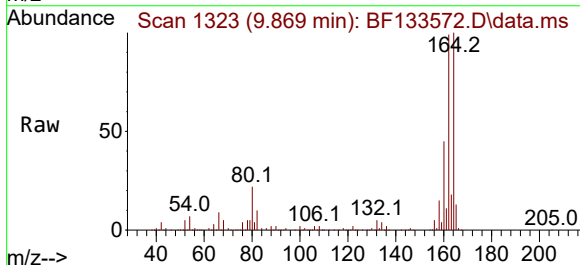
Instrument :
BNA_F
ClientSampleId :
TP-14-0A

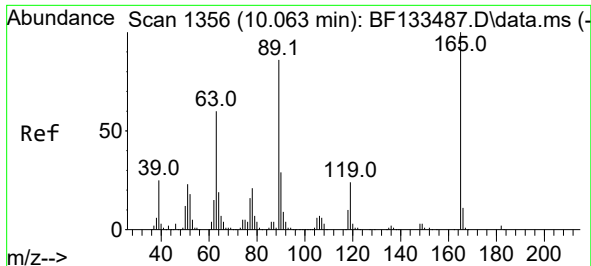
Tgt Ion: 65 Resp: 2123
Ion Ratio Lower Upper
65 100
92 197.2 50.8 76.2#
138 47.3 82.6 124.0#



#51
2,6-Dinitrotoluene
Concen: 12.314 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.212 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

Tgt Ion: 165 Resp: 27250
Ion Ratio Lower Upper
165 100
63 1.1 57.0 85.4#
89 1.4 50.8 76.2#

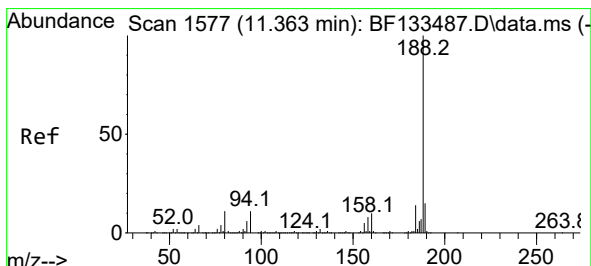
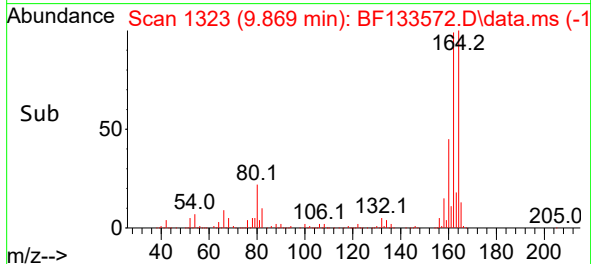
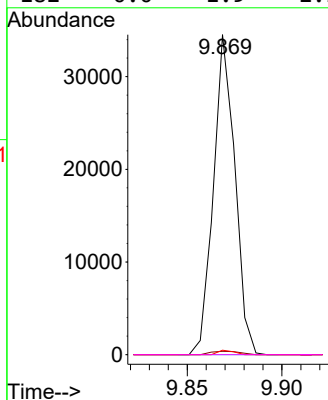
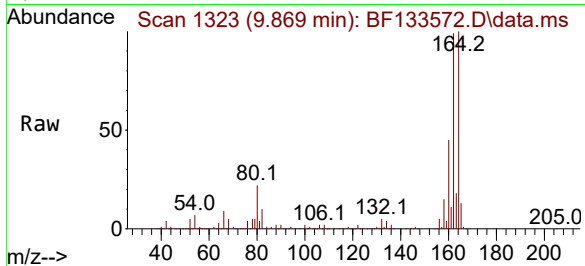




#57
2,4-Dinitrotoluene
Concen: 11.533 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

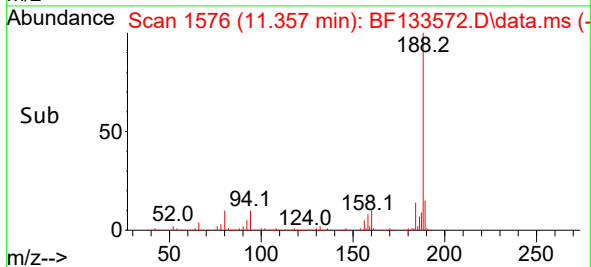
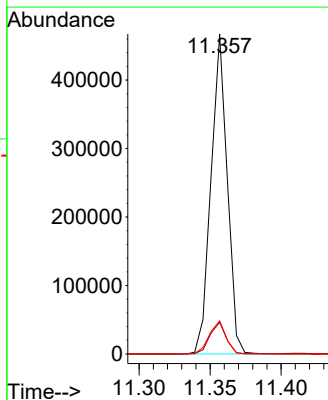
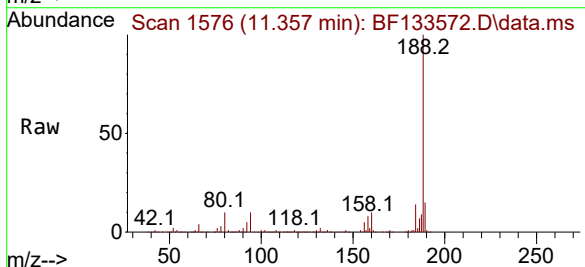
Instrument :
BNA_F
ClientSampleId :
TP-14-0A

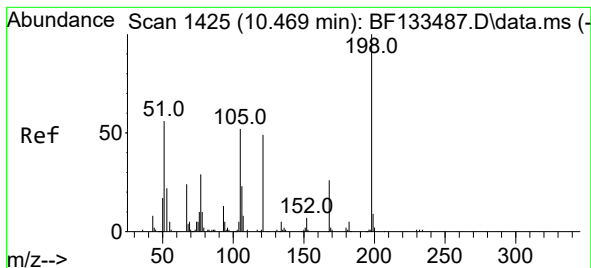
Tgt Ion:165 Resp: 27250
Ion Ratio Lower Upper
165 100
63 1.1 48.1 72.1#
89 1.4 68.4 102.6#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

Tgt Ion:188 Resp: 372022
Ion Ratio Lower Upper
188 100
94 9.9 8.6 12.8
80 10.3 9.2 13.8

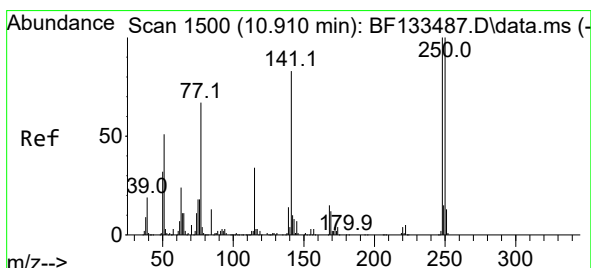
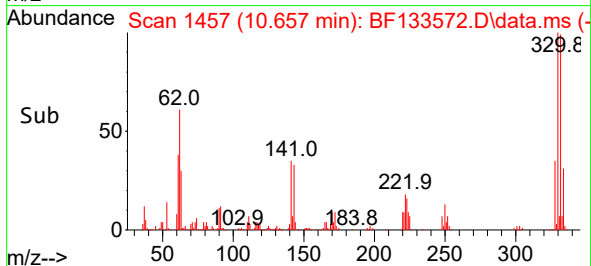
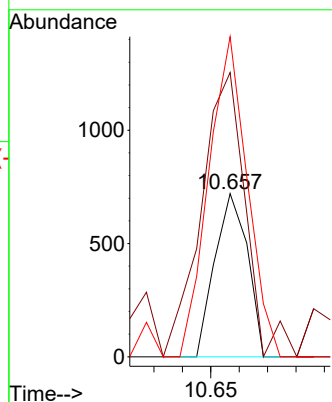
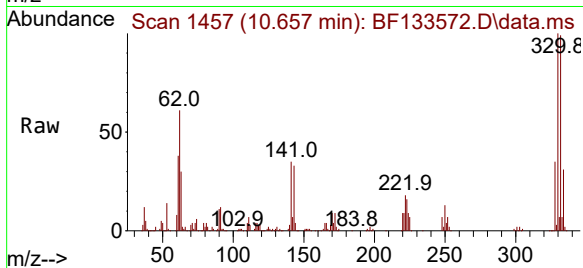




#65
4,6-Dinitro-2-methylphenol
Concen: 9.020 ng
RT: 10.657 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

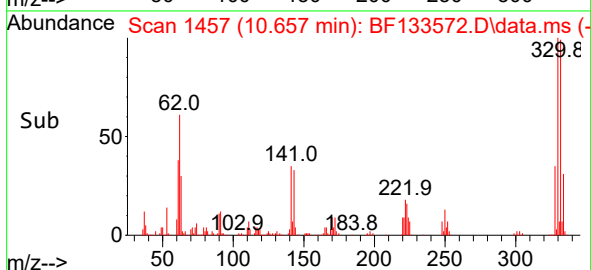
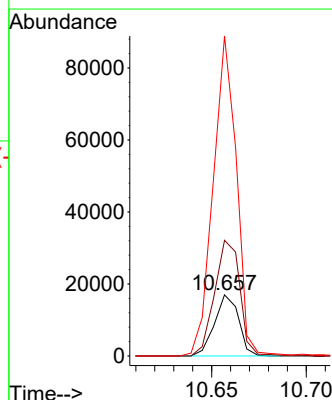
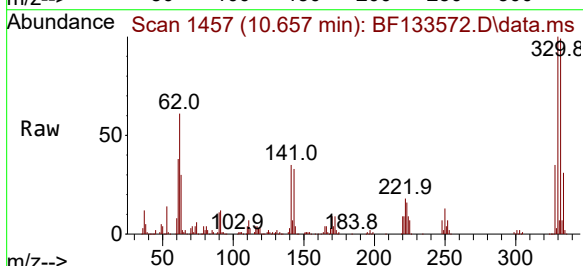
Instrument :
BNA_F
ClientSampleId :
TP-14-0A

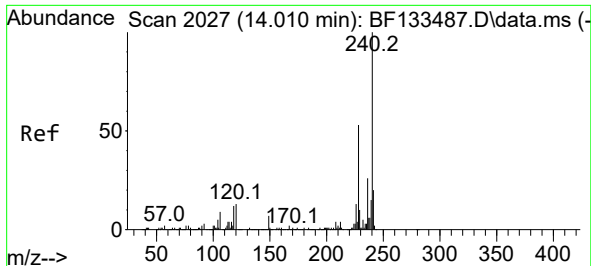
Tgt Ion:198 Resp: 574
Ion Ratio Lower Upper
198 100
51 174.3 53.6 93.6#
105 196.3 35.9 75.9#



#67
4-Bromophenyl-phenylether
Concen: 3.787 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

Tgt Ion:248 Resp: 14963
Ion Ratio Lower Upper
248 100
250 189.5 79.7 119.5#
141 523.9 66.6 100.0#

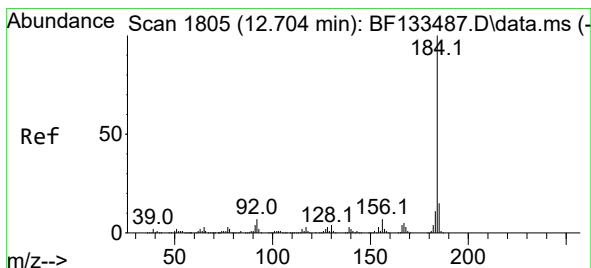
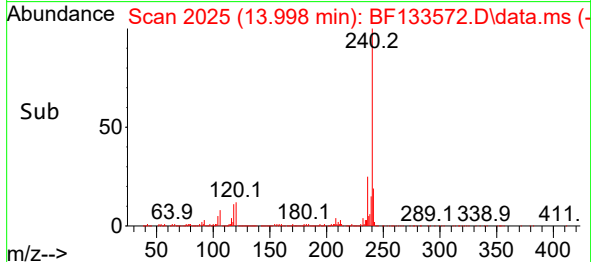
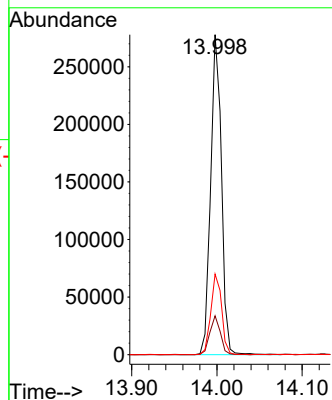
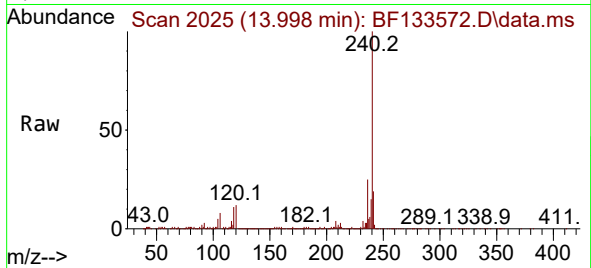




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

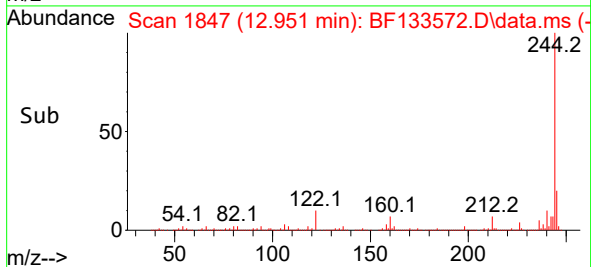
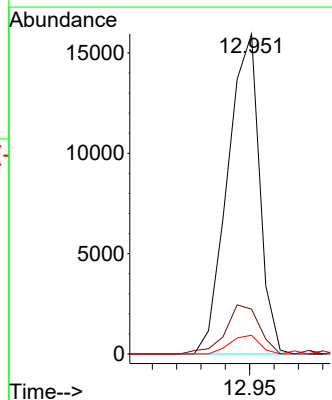
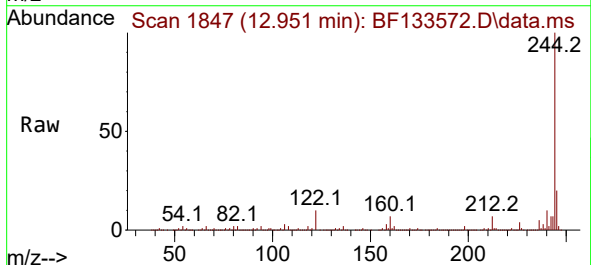
Instrument :
BNA_F
ClientSampleId :
TP-14-0A

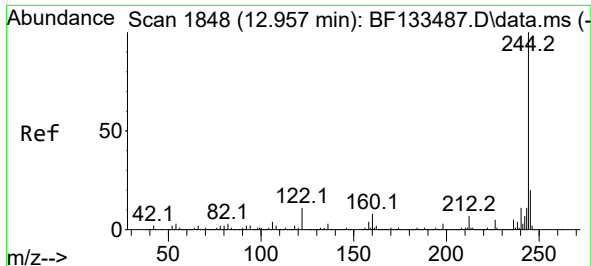
Tgt Ion:240 Resp: 244377
Ion Ratio Lower Upper
240 100
120 12.2 10.3 15.5
236 25.2 20.5 30.7



#77
Benzidine
Concen: 2.030 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.259 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

Tgt Ion:184 Resp: 14506
Ion Ratio Lower Upper
184 100
185 14.0 12.2 18.2
183 5.8 8.7 13.1#

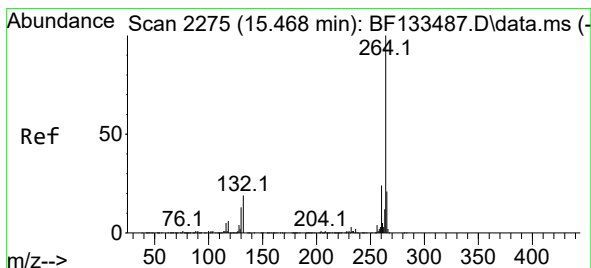
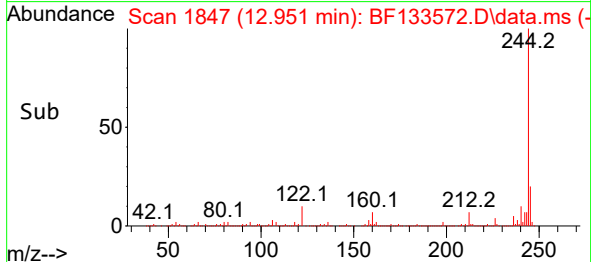
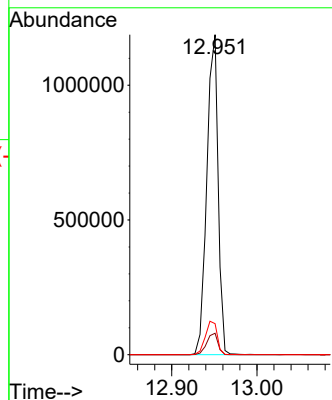
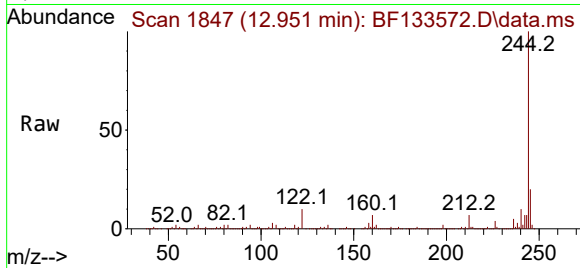




#79
 Terphenyl-d14
 Concen: 79.296 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.006 min
 Lab File: BF133572.D
 Acq: 05 Jun 2023 18:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-0A

Tgt Ion:244 Resp: 1089890
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 9.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: BF133572.D
 Acq: 05 Jun 2023 18:37

Tgt Ion:264 Resp: 184742
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 21.8 16.8 25.2

