

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133764.D
 Acq On : 14 Jun 2023 22:00
 Operator : CG\JU
 Sample : 03140-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-GA

Quant Time: Jun 15 01:31:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

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

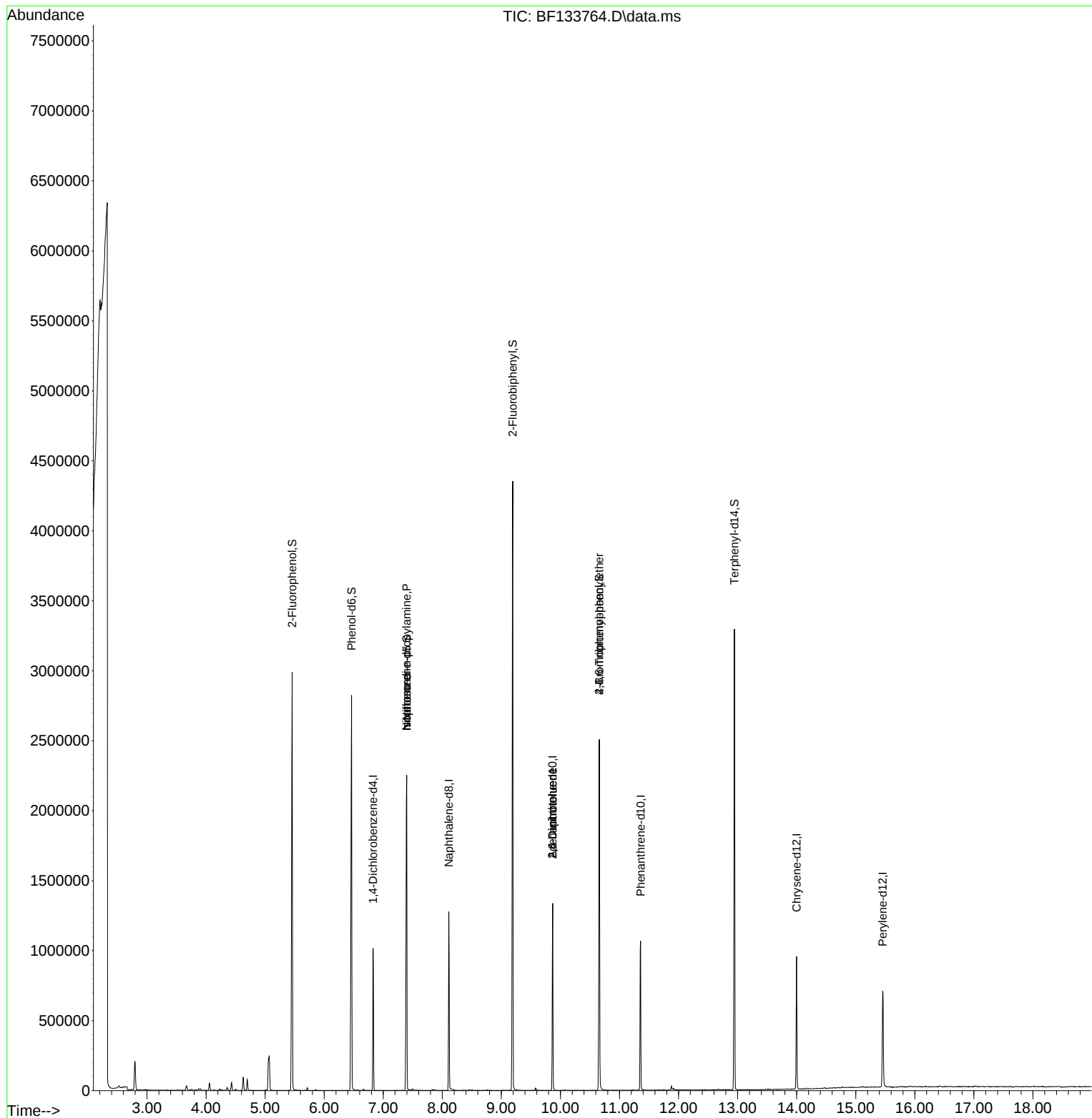
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	138279	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	517882	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	246371	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	402015	20.000	ng	0.00
76) Chrysene-d12	13.998	240	291834	20.000	ng	-0.01
86) Perylene-d12	15.457	264	320989	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	788716	99.297	ng	0.01
7) Phenol-d6	6.463	99	903633	87.400	ng	0.00
23) Nitrobenzene-d5	7.398	82	713436	75.034	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	294207	94.339	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1298417	74.916	ng	0.00
79) Terphenyl-d14	12.945	244	1138326	60.356	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.398	70	100297	15.247	ng	# 77
25) Isophorone	7.398	82	713429	40.870	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	31362	8.262	ng	# 27
57) 2,4-Dinitrotoluene	9.869	165	31362	6.497	ng	# 19
67) 4-Bromophenyl-phenylether	10.657	248	18155	4.046	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
Data File : BF133764.D
Acq On : 14 Jun 2023 22:00
Operator : CG\JU
Sample : 03140-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Quant Time: Jun 15 01:31:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 16:27:59 2023
Response via : Initial Calibration

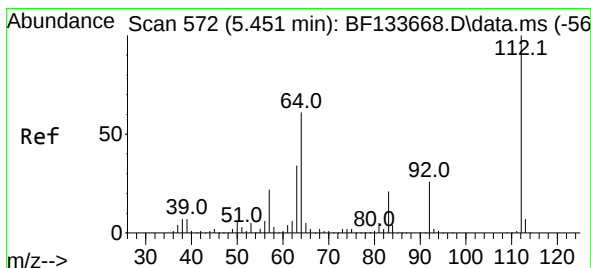
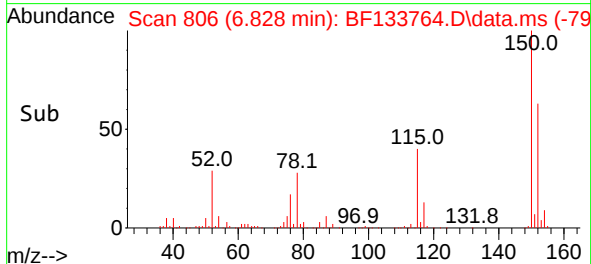
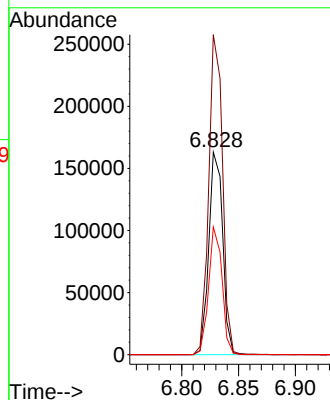
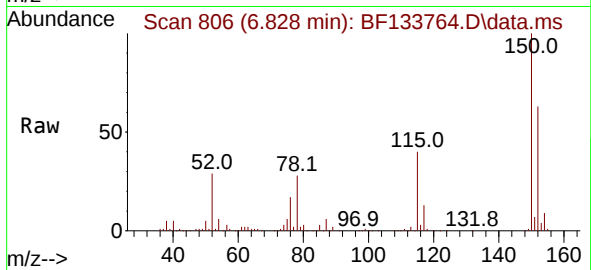




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

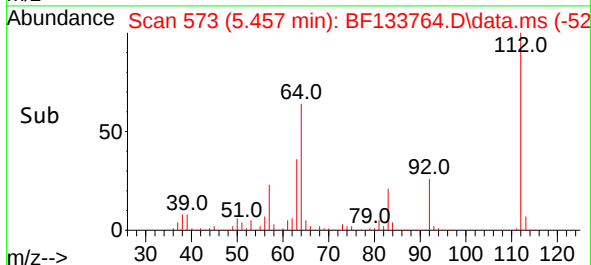
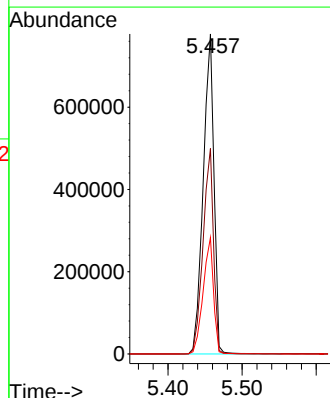
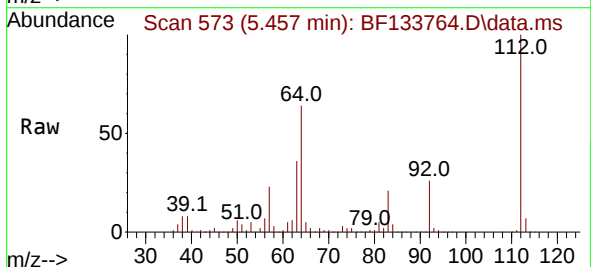
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Tgt Ion:152 Resp: 138279
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 63.0 48.5 72.7



#5
2-Fluorophenol
Concen: 99.297 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

Tgt Ion:112 Resp: 788716
Ion Ratio Lower Upper
112 100
64 64.2 49.0 73.4
63 36.4 26.8 40.2

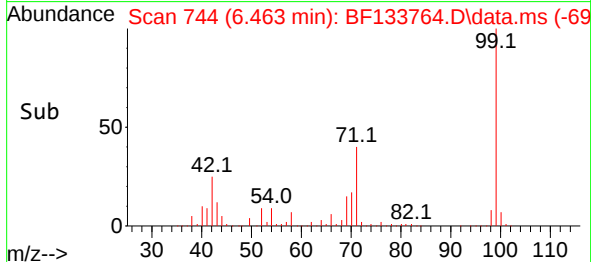
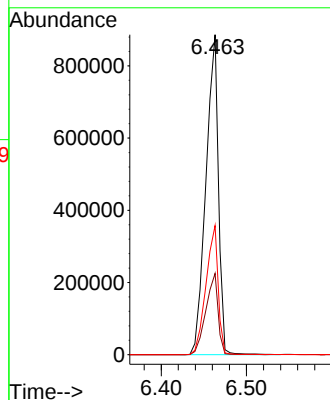
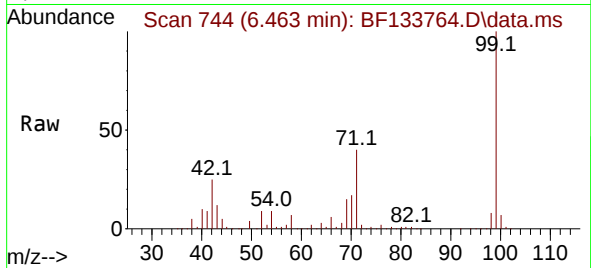




#7
Phenol-d6
Concen: 87.400 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

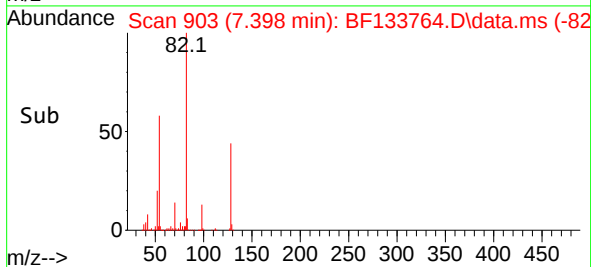
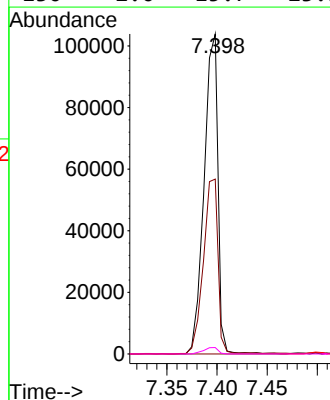
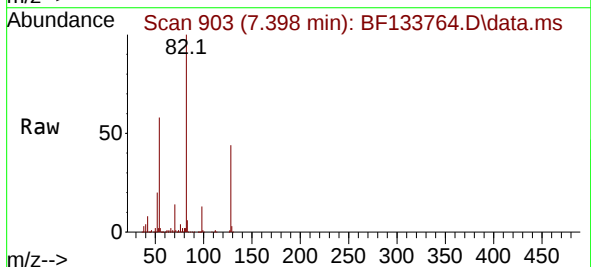
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Tgt Ion: 99 Resp: 903633
Ion Ratio Lower Upper
99 100
42 25.4 19.9 29.9
71 40.4 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.247 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

Tgt Ion: 70 Resp: 100297
Ion Ratio Lower Upper
70 100
42 54.7 55.8 83.8#
101 0.0 8.1 12.1#
130 2.0 15.7 23.5#

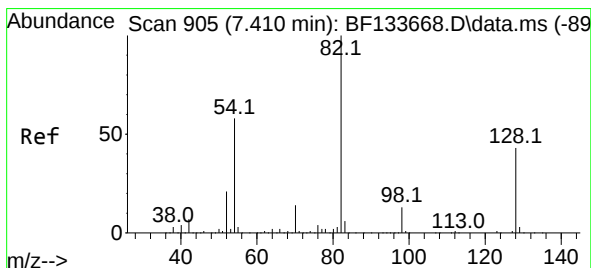
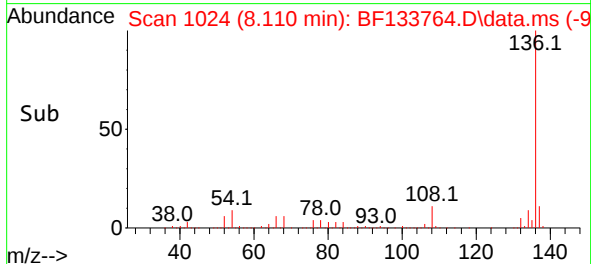
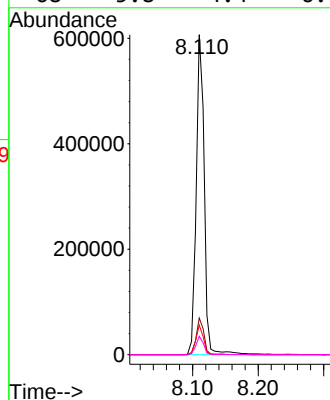
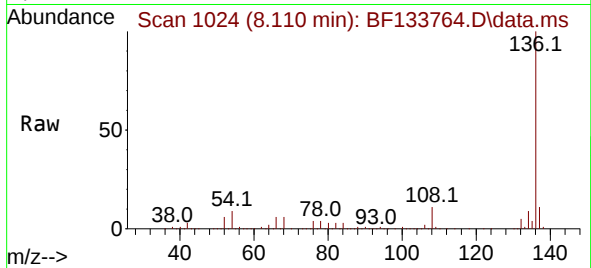




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

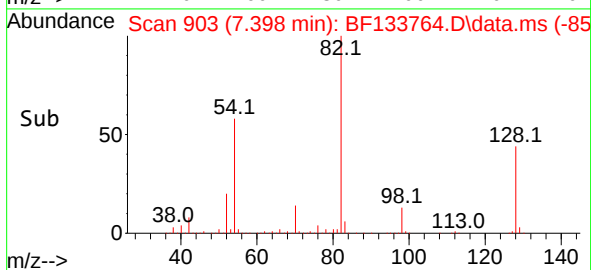
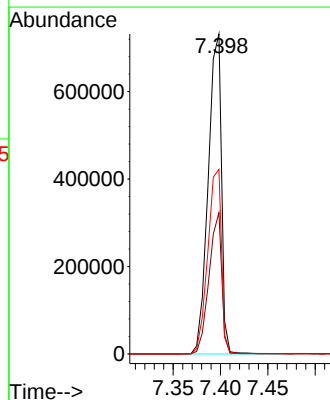
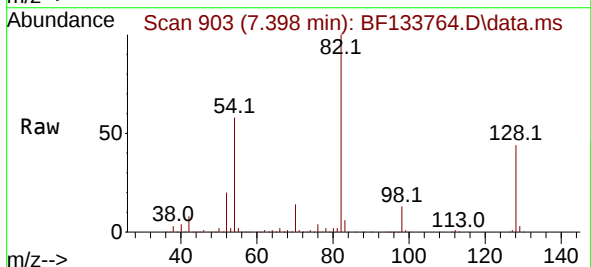
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Tgt Ion:136 Resp: 517882
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.3 7.4 11.0
68 5.8 4.4 6.6



#23
Nitrobenzene-d5
Concen: 75.034 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

Tgt Ion: 82 Resp: 713436
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.2
54 57.7 46.5 69.7

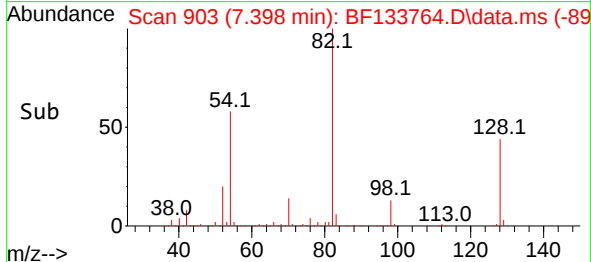
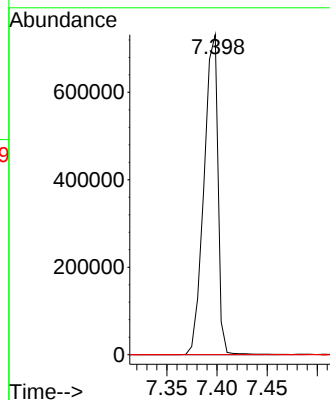
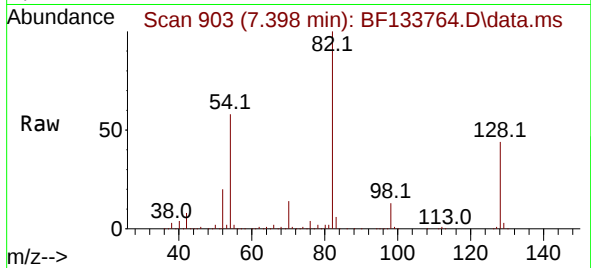




#25
Isophorone
Concen: 40.870 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

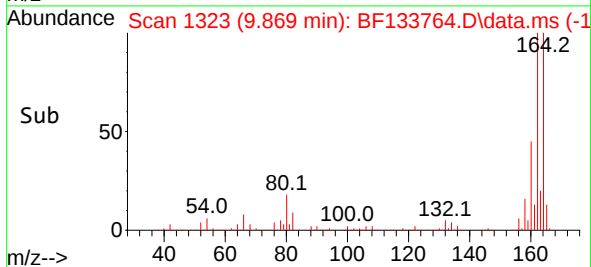
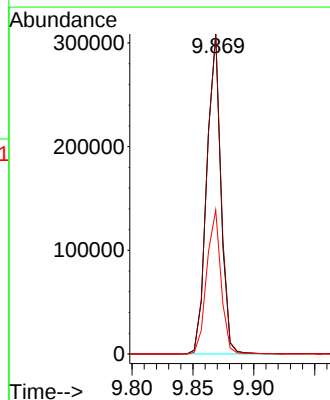
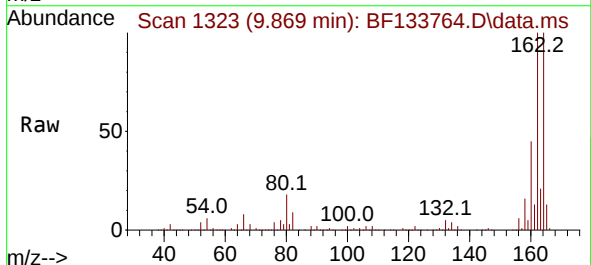
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Tgt Ion: 82 Resp: 713429
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

Tgt Ion:164 Resp: 246371
Ion Ratio Lower Upper
164 100
162 99.8 80.8 121.2
160 45.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 94.339 ng

RT: 10.657 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF133764.D

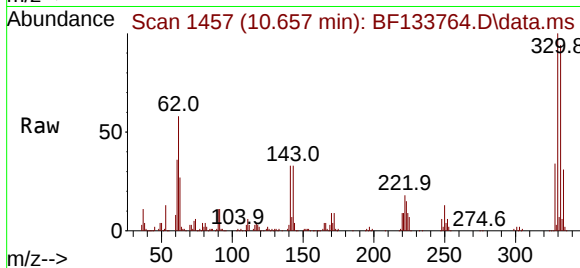
Acq: 14 Jun 2023 22:00

Instrument :

BNA_F

ClientSampleId :

TP-6-GA



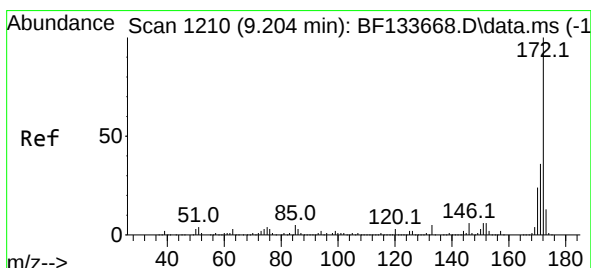
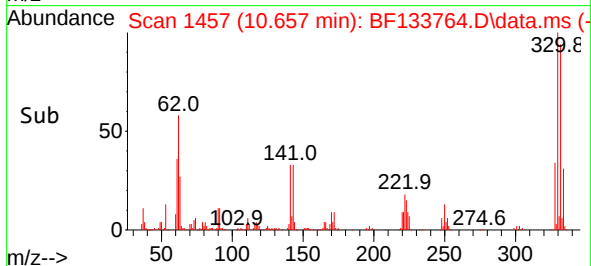
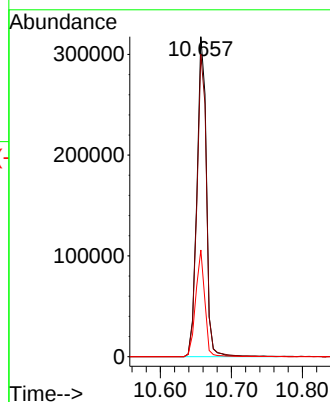
Tgt Ion:330 Resp: 294207

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

141 32.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 74.916 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133764.D

Acq: 14 Jun 2023 22:00

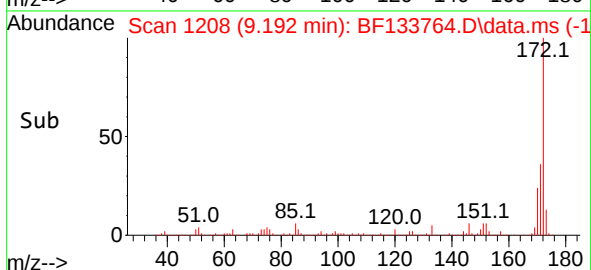
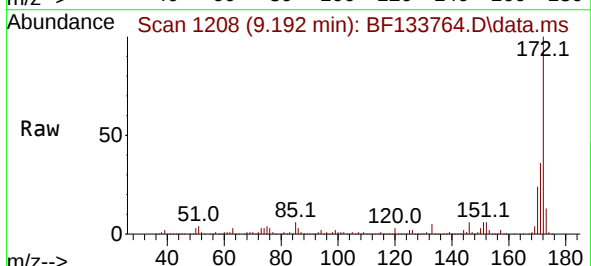
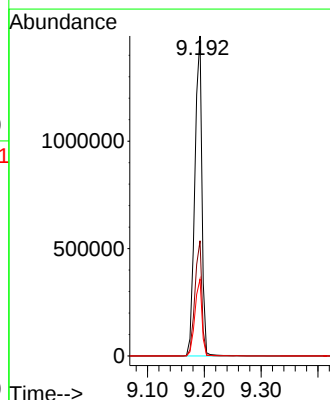
Tgt Ion:172 Resp: 1298417

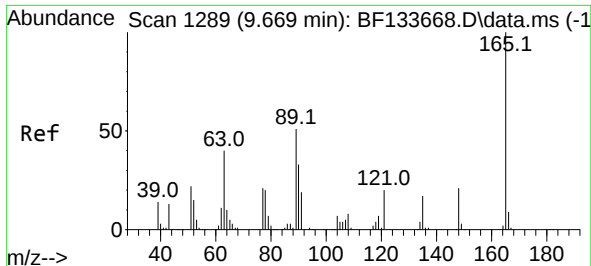
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.0 19.1 28.7

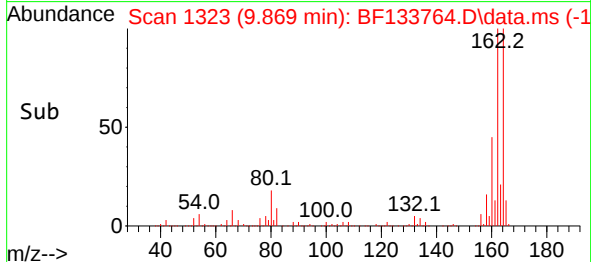
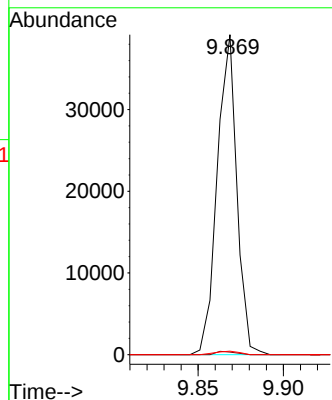
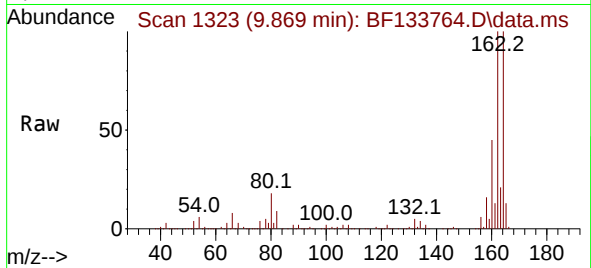




#51
2,6-Dinitrotoluene
Concen: 8.262 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

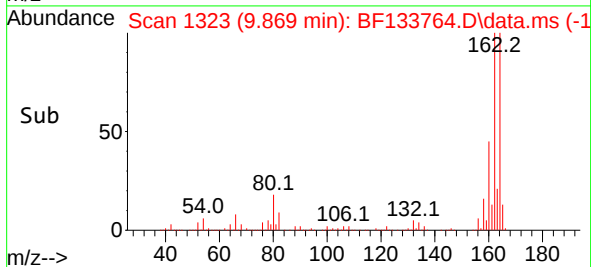
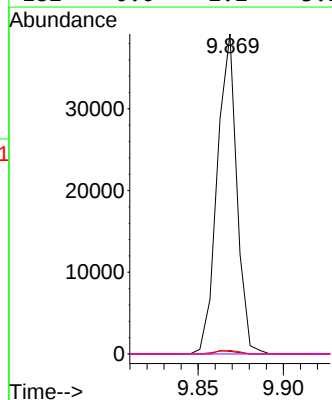
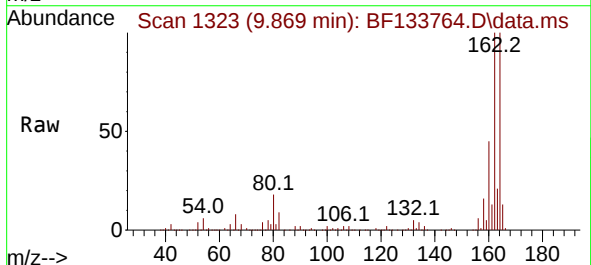
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

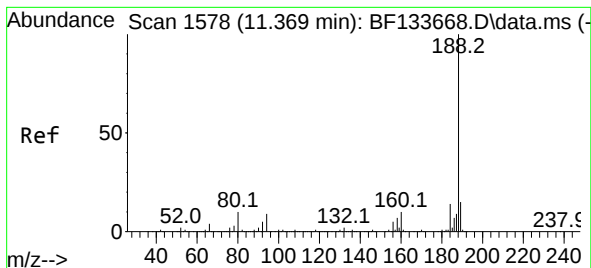
Tgt Ion:165 Resp: 31362
Ion Ratio Lower Upper
165 100
63 0.8 42.1 63.1#
89 1.1 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.497 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

Tgt Ion:165 Resp: 31362
Ion Ratio Lower Upper
165 100
63 0.8 43.0 64.6#
89 1.1 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133764.D

Acq: 14 Jun 2023 22:00

Instrument :

BNA_F

ClientSampleId :

TP-6-GA

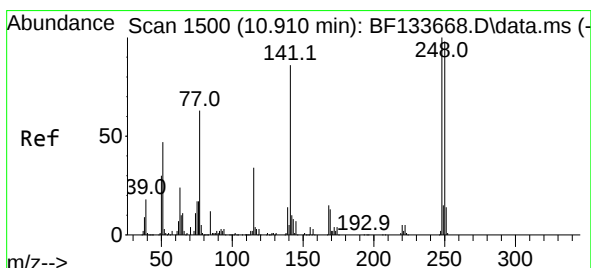
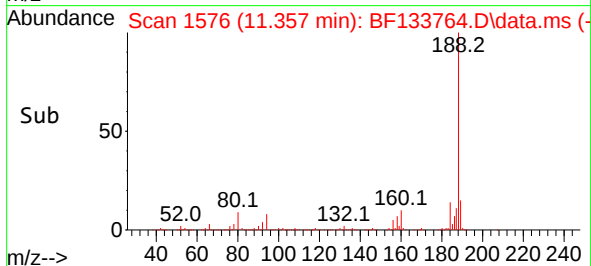
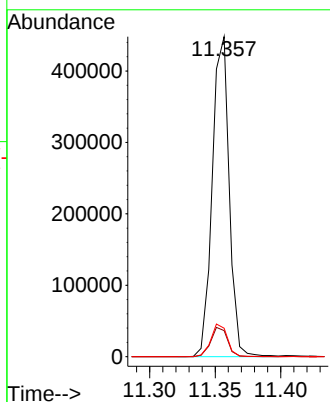
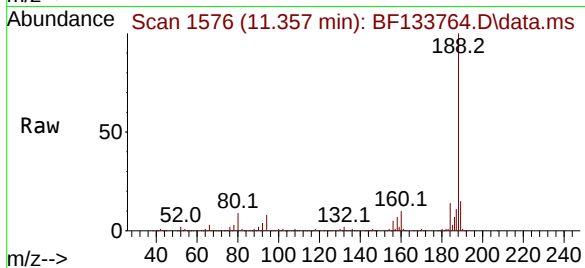
Tgt Ion:188 Resp: 402015

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 8.9 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 4.046 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF133764.D

Acq: 14 Jun 2023 22:00

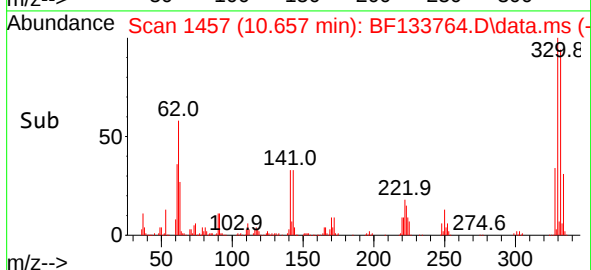
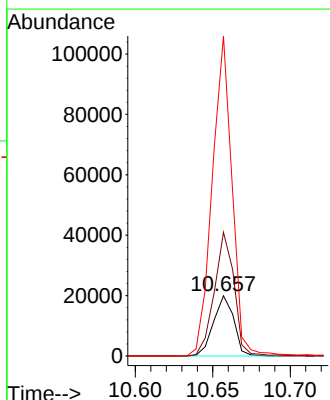
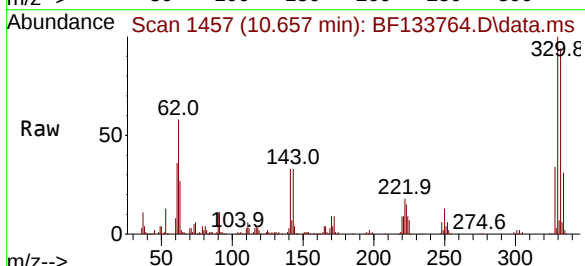
Tgt Ion:248 Resp: 18155

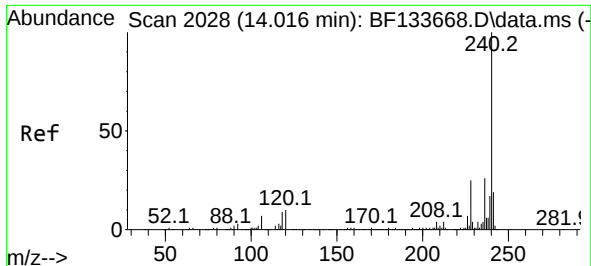
Ion Ratio Lower Upper

248 100

250 205.5 78.3 117.5#

141 531.9 69.0 103.6#

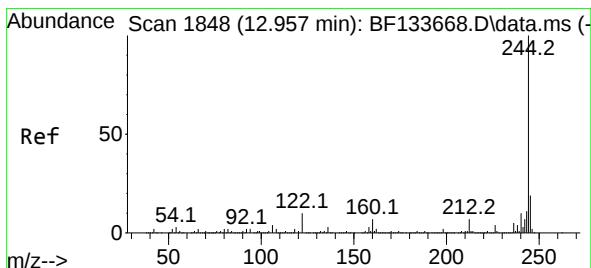
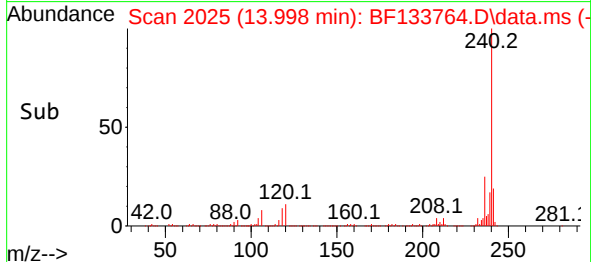
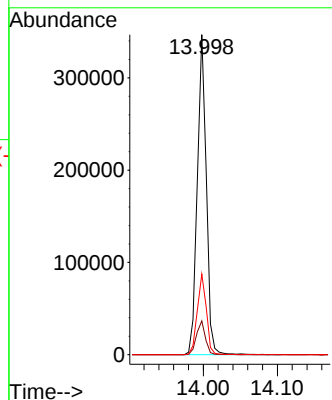
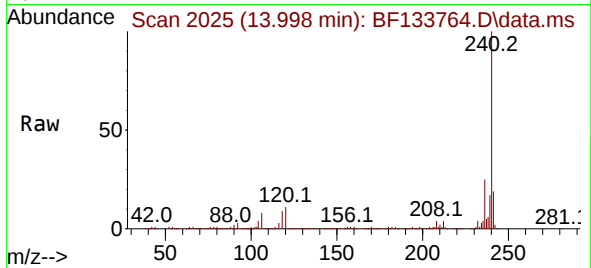




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

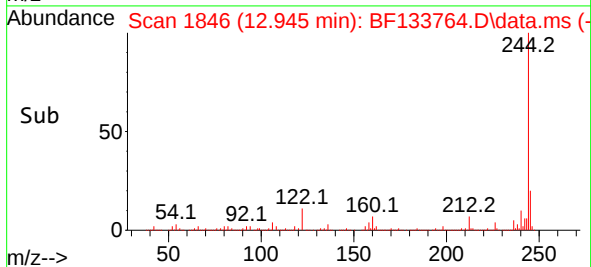
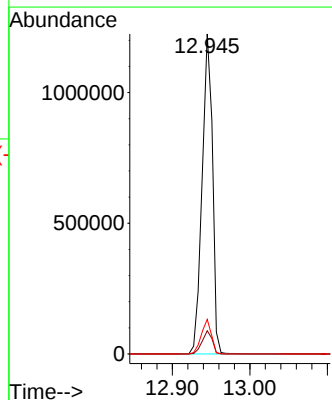
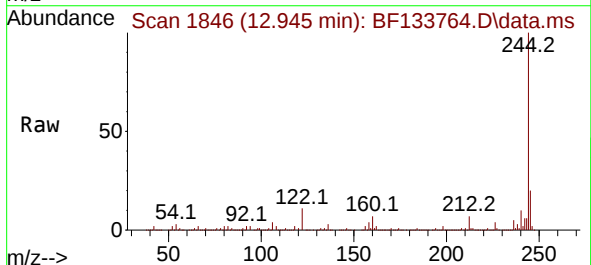
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

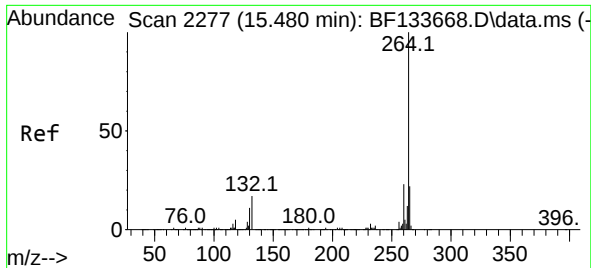
Tgt Ion:240 Resp: 291834
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 25.2 20.5 30.7



#79
Terphenyl-d14
Concen: 60.356 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

Tgt Ion:244 Resp: 1138326
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 10.8 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Tgt Ion:264	Resp:	320989
Ion	Ratio	Lower Upper
264	100	
260	23.7	18.2 27.2
265	22.8	17.8 26.6

