

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133750.D
 Acq On : 14 Jun 2023 13:43
 Operator : CG\JU
 Sample : PB153337TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153337TB

Quant Time: Jun 14 14:45:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

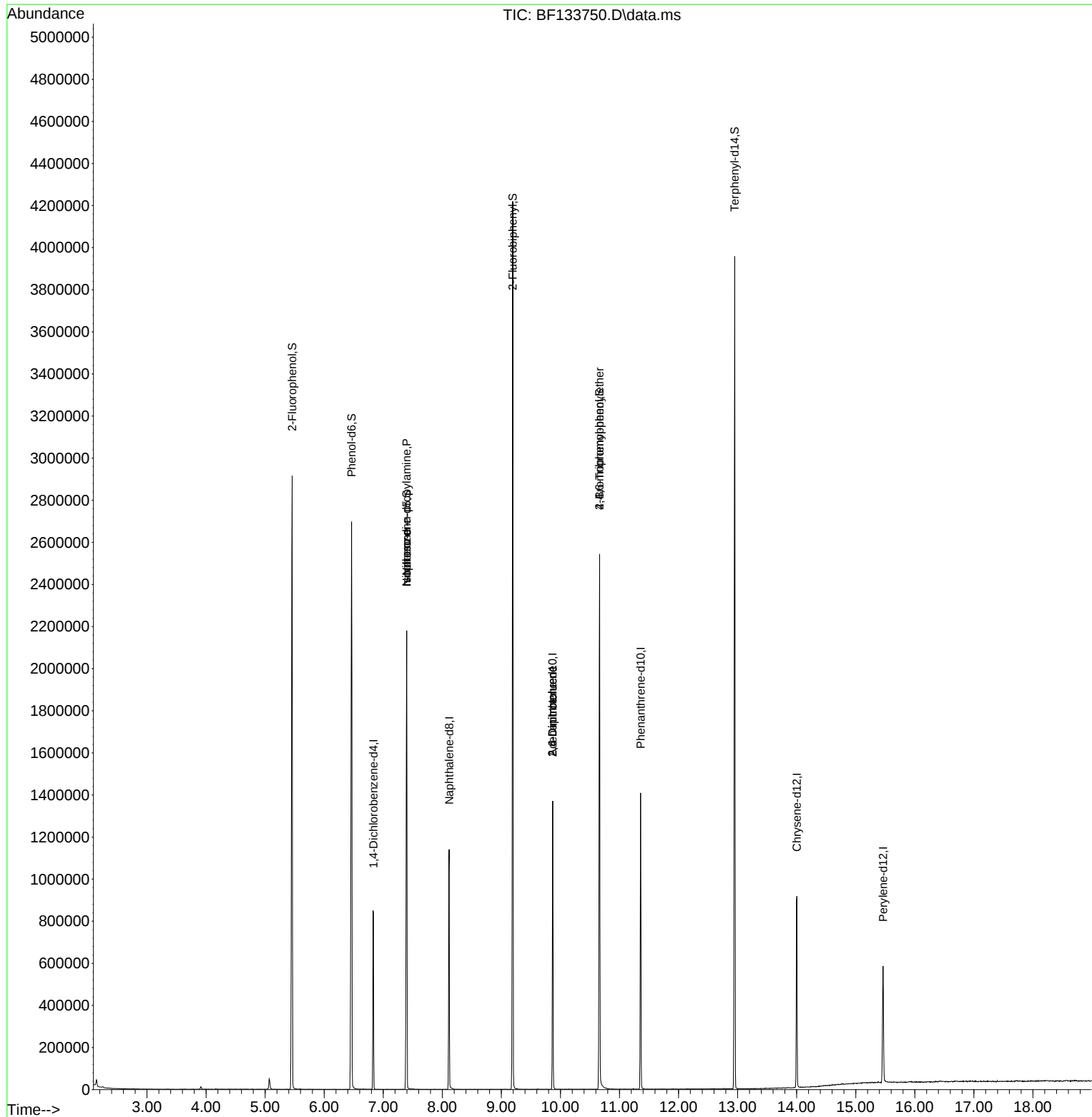
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	124132	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	482675	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	246547	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	485685	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	320170	20.000	ng	-0.01
86) Perylene-d12	15.462	264	251386	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	794186	111.381	ng	0.01
7) Phenol-d6	6.463	99	955588	102.959	ng	0.00
23) Nitrobenzene-d5	7.398	82	657019	74.140	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	314232	100.688	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1186155	68.390	ng	0.00
79) Terphenyl-d14	12.951	244	1348206	65.157	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	92917	15.735	ng	# 77
25) Isophorone	7.398	82	657005	40.383	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	31496	8.292	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	31496	6.520	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	19928	3.676	ng	# 1

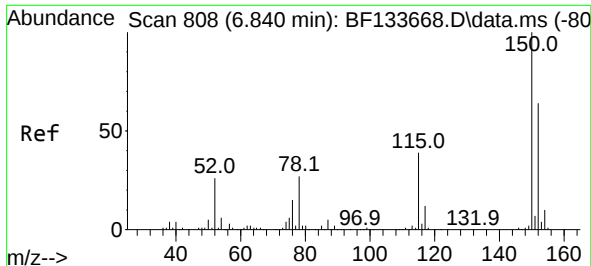
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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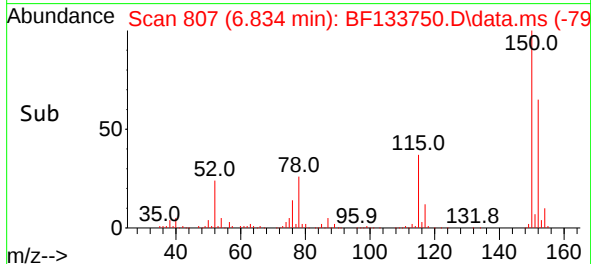
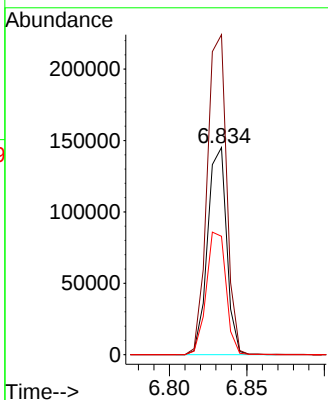
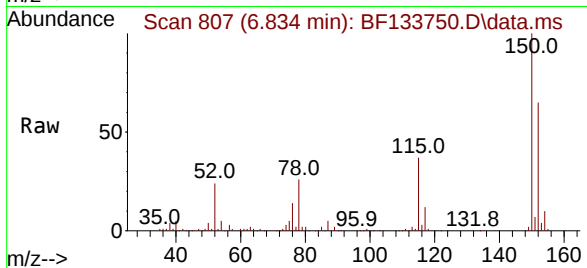




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133750.D
Acq: 14 Jun 2023 13:43

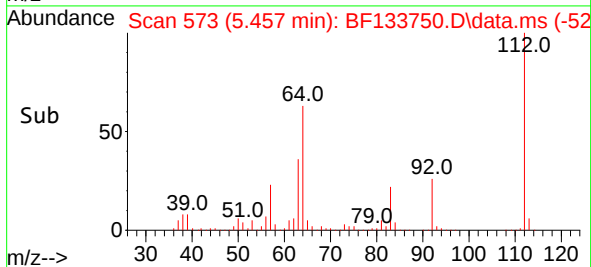
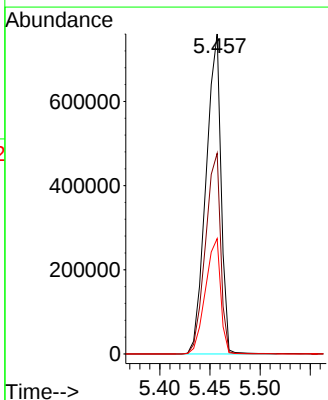
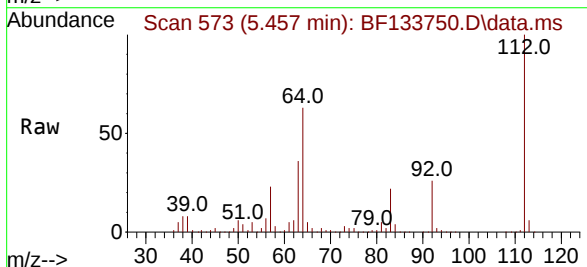
Instrument :
BNA_F
ClientSampleId :
PB153337TB

Tgt Ion:152 Resp: 124132
Ion Ratio Lower Upper
152 100
150 154.5 124.3 186.5
115 57.2 48.5 72.7



#5
2-Fluorophenol
Concen: 111.381 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133750.D
Acq: 14 Jun 2023 13:43

Tgt Ion:112 Resp: 794186
Ion Ratio Lower Upper
112 100
64 62.7 49.0 73.4
63 36.1 26.8 40.2

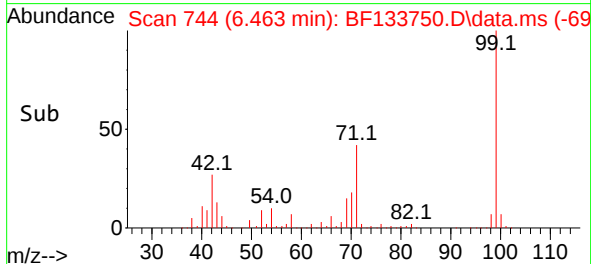
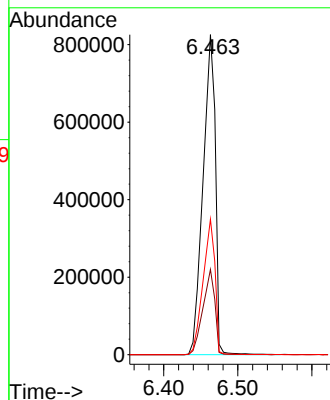
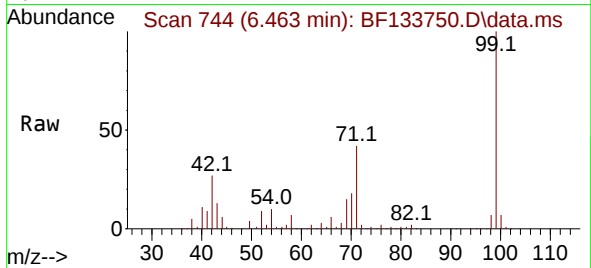




#7
Phenol-d6
Concen: 102.959 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133750.D
Acq: 14 Jun 2023 13:43

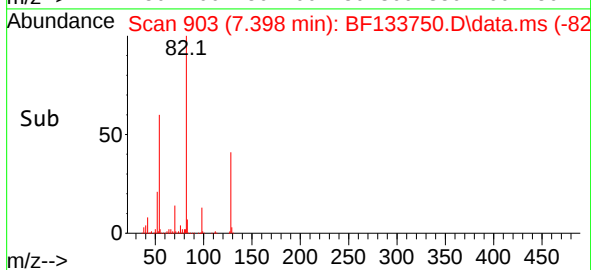
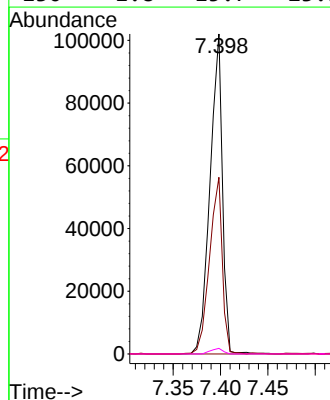
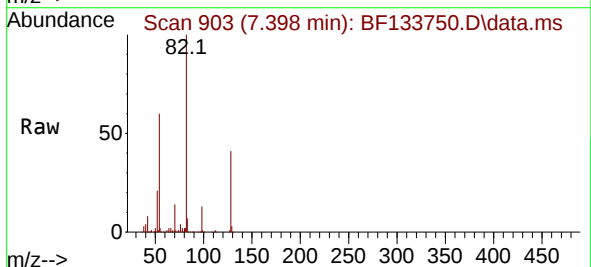
Instrument :
BNA_F
ClientSampleId :
PB153337TB

Tgt Ion: 99 Resp: 955588
Ion Ratio Lower Upper
99 100
42 26.6 19.9 29.9
71 42.4 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.735 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF133750.D
Acq: 14 Jun 2023 13:43

Tgt Ion: 70 Resp: 92917
Ion Ratio Lower Upper
70 100
42 55.2 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

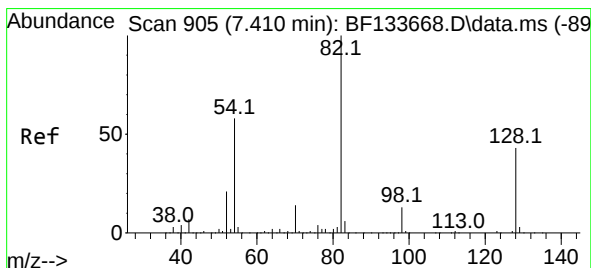
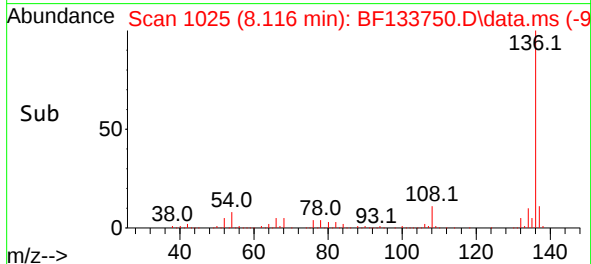
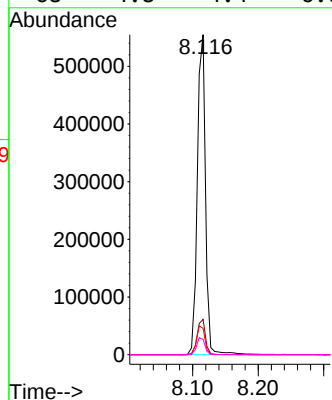
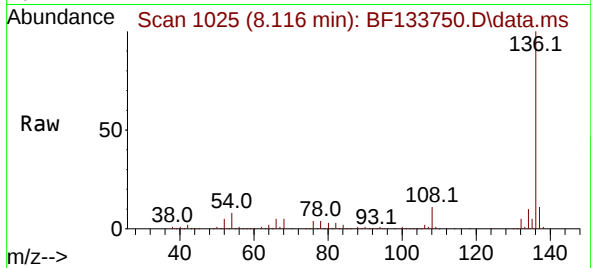




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133750.D
Acq: 14 Jun 2023 13:43

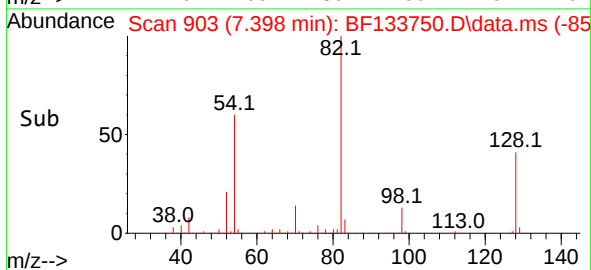
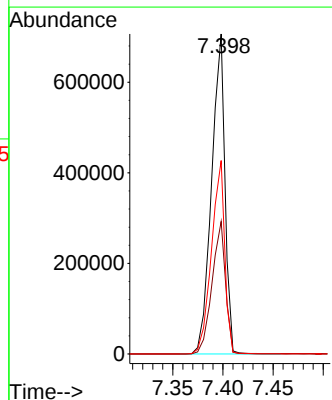
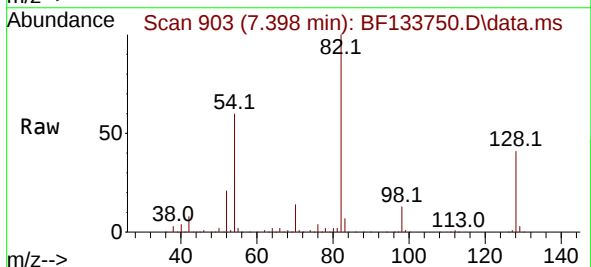
Instrument :
BNA_F
ClientSampleId :
PB153337TB

Tgt Ion:136 Resp: 482675
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 7.4 11.0
68 4.8 4.4 6.6



#23
Nitrobenzene-d5
Concen: 74.140 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133750.D
Acq: 14 Jun 2023 13:43

Tgt Ion: 82 Resp: 657019
Ion Ratio Lower Upper
82 100
128 41.4 34.2 51.2
54 60.5 46.5 69.7

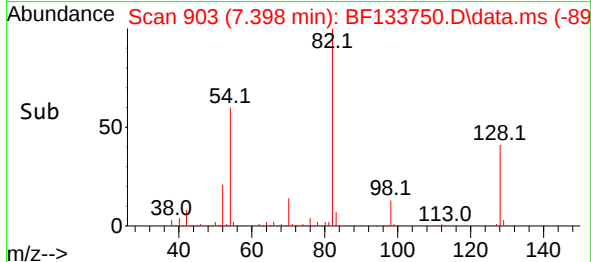
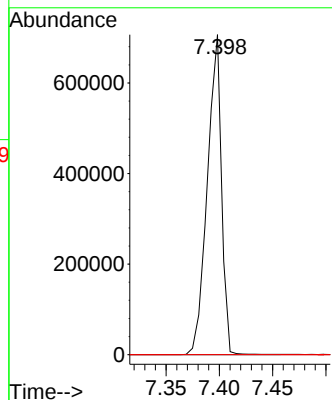
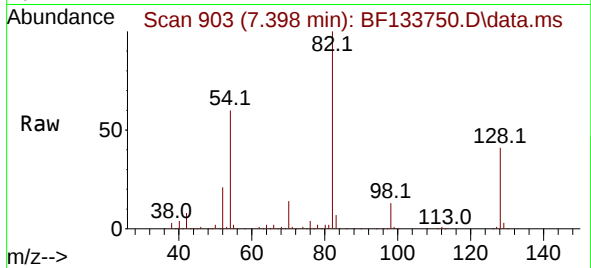




#25
Isophorone
Concen: 40.383 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133750.D
Acq: 14 Jun 2023 13:43

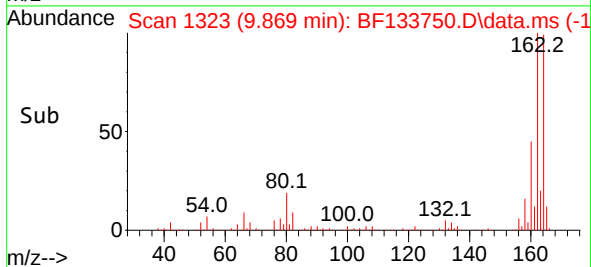
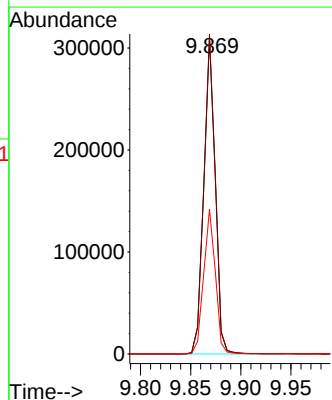
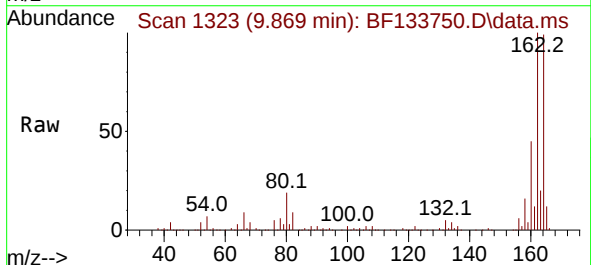
Instrument :
BNA_F
ClientSampleId :
PB153337TB

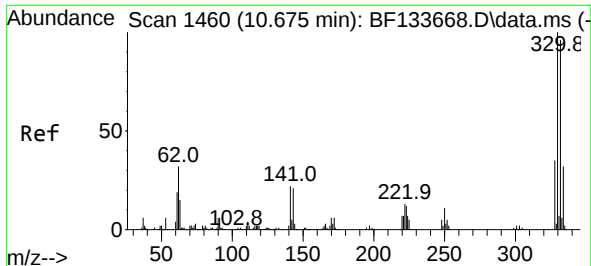
Tgt Ion: 82 Resp: 657005
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF133750.D
Acq: 14 Jun 2023 13:43

Tgt Ion: 164 Resp: 246547
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 45.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 100.688 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF133750.D

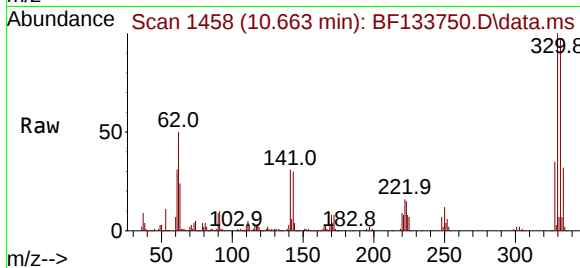
Acq: 14 Jun 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PB153337TB



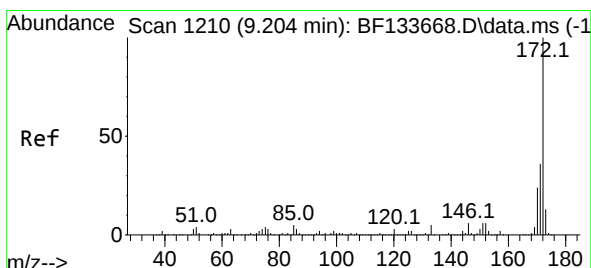
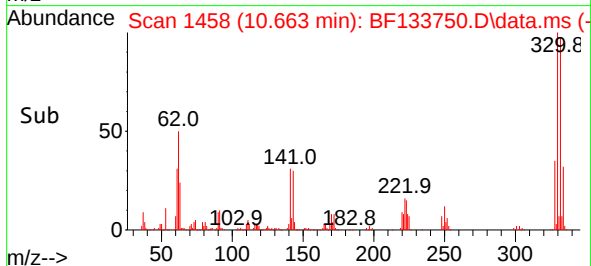
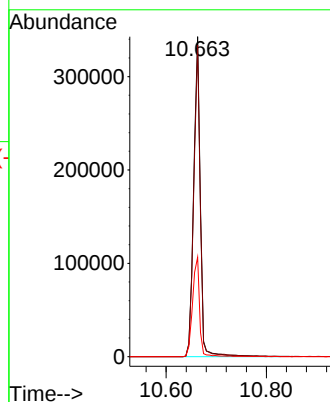
Tgt Ion:330 Resp: 314232

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 33.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 68.390 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133750.D

Acq: 14 Jun 2023 13:43

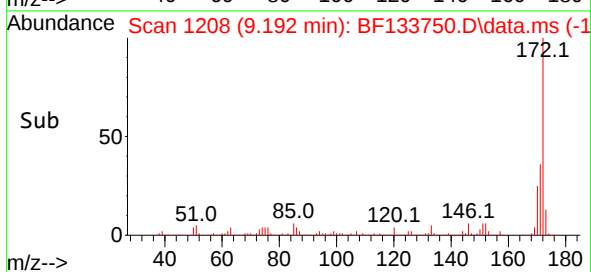
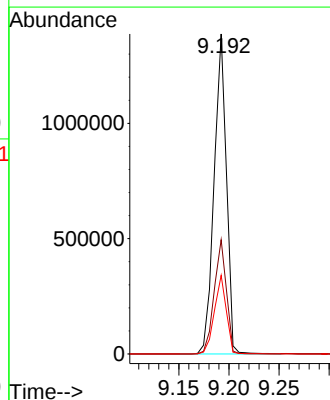
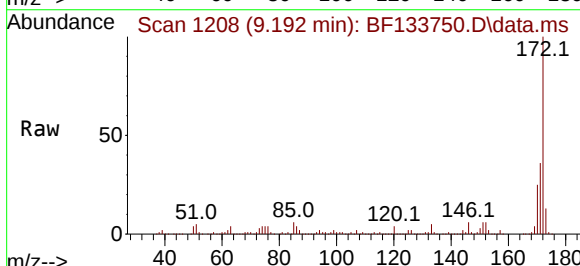
Tgt Ion:172 Resp: 1186155

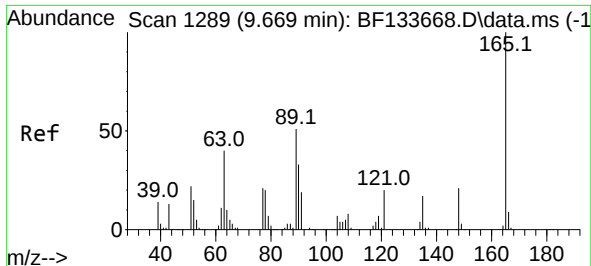
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 24.5 19.1 28.7

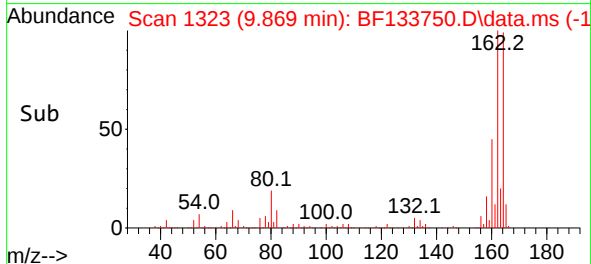
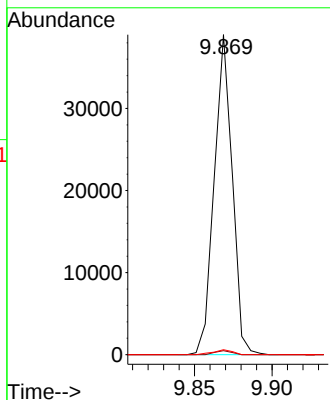
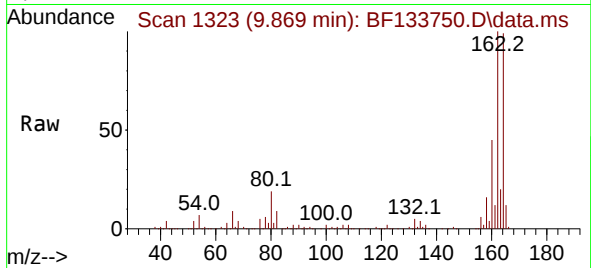




#51
2,6-Dinitrotoluene
Concen: 8.292 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133750.D
Acq: 14 Jun 2023 13:43

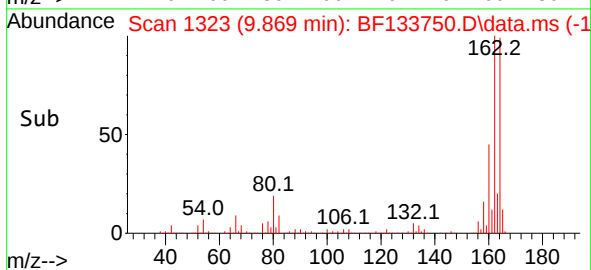
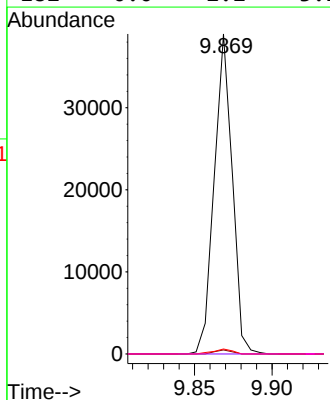
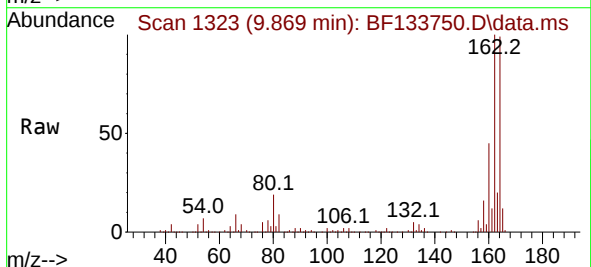
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BNA_F
ClientSampleId :
PB153337TB

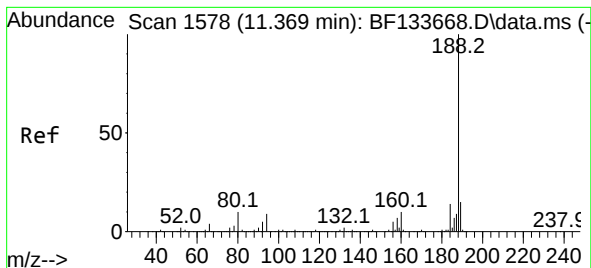
Tgt Ion:165 Resp: 31496
Ion Ratio Lower Upper
165 100
63 1.3 42.1 63.1#
89 1.6 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.520 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.200 min
Lab File: BF133750.D
Acq: 14 Jun 2023 13:43

Tgt Ion:165 Resp: 31496
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.6 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133750.D

Acq: 14 Jun 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PB153337TB

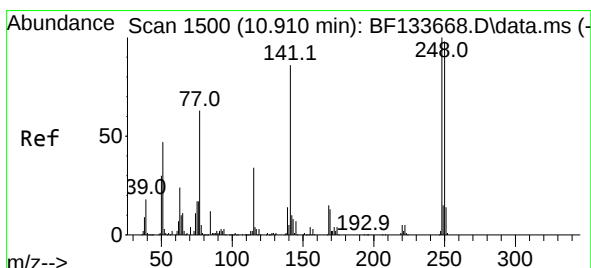
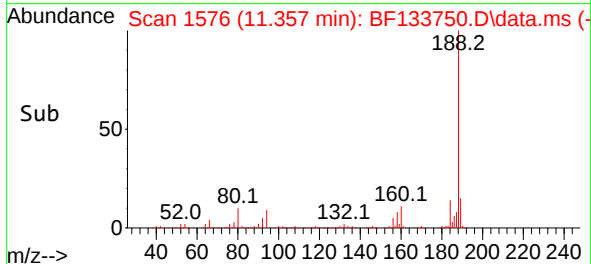
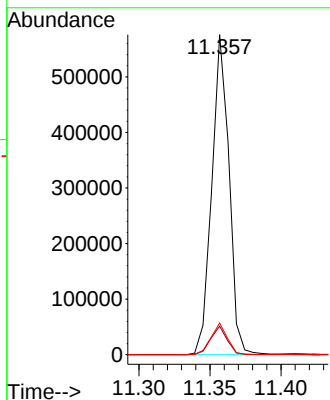
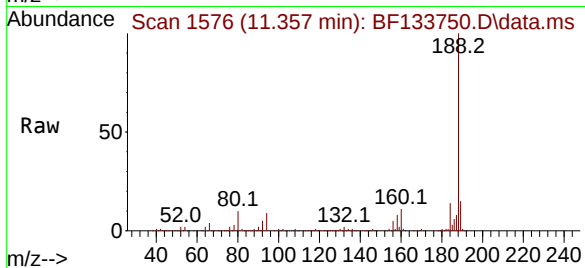
Tgt Ion:188 Resp: 485685

Ion Ratio Lower Upper

188 100

94 8.9 6.8 10.2

80 9.9 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 3.676 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.247 min

Lab File: BF133750.D

Acq: 14 Jun 2023 13:43

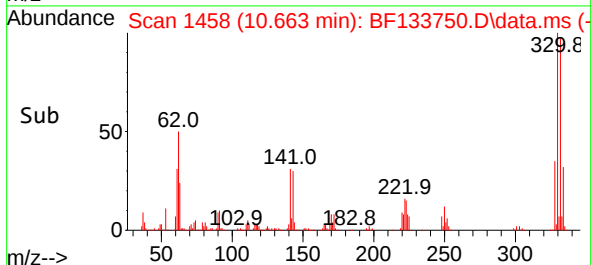
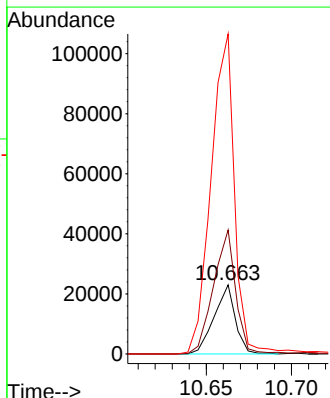
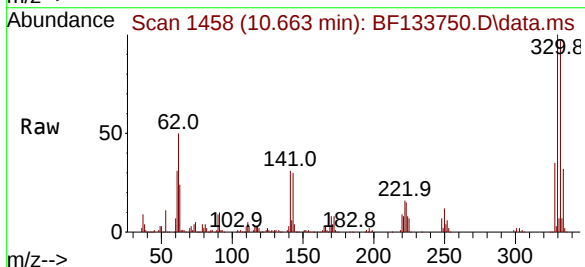
Tgt Ion:248 Resp: 19928

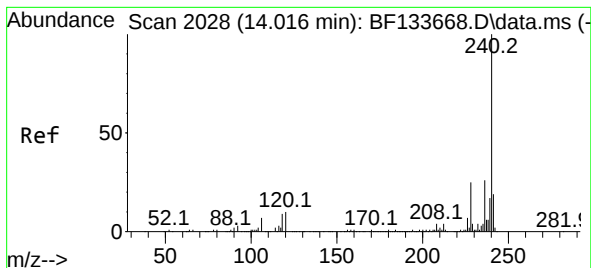
Ion Ratio Lower Upper

248 100

250 179.2 78.3 117.5#

141 462.7 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF133750.D

Acq: 14 Jun 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PB153337TB

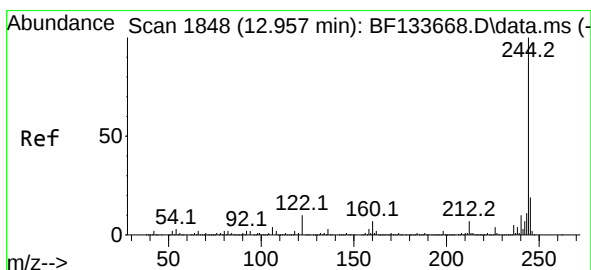
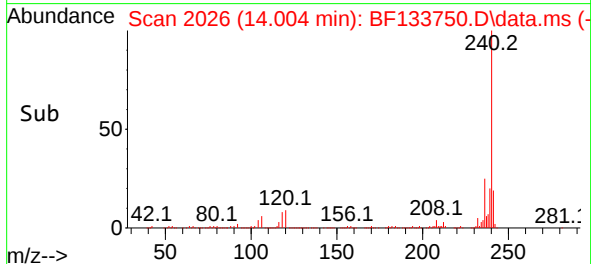
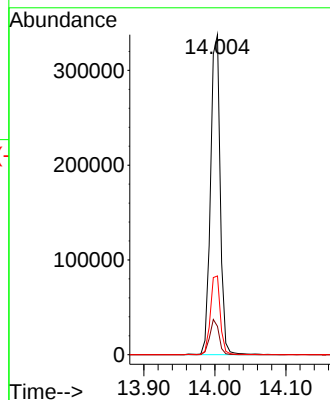
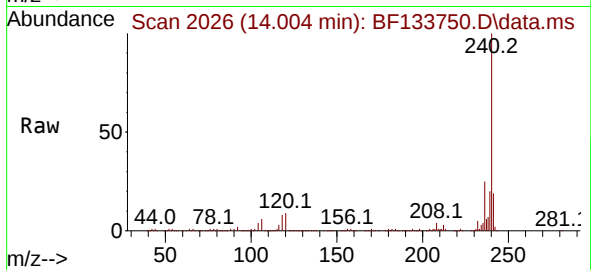
Tgt Ion:240 Resp: 320170

Ion Ratio Lower Upper

240 100

120 8.9 8.1 12.1

236 24.6 20.5 30.7



#79

Terphenyl-d14

Concen: 65.157 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF133750.D

Acq: 14 Jun 2023 13:43

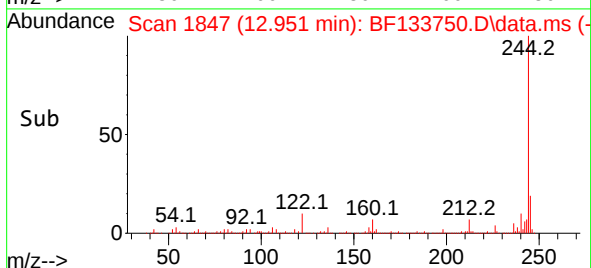
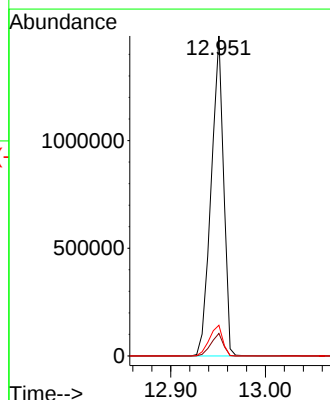
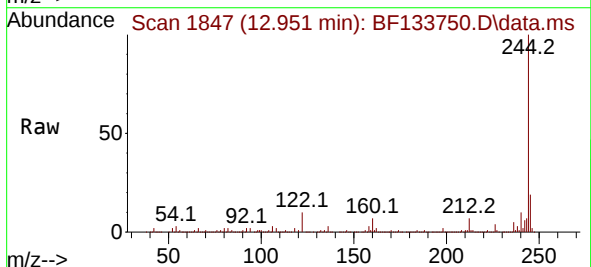
Tgt Ion:244 Resp: 1348206

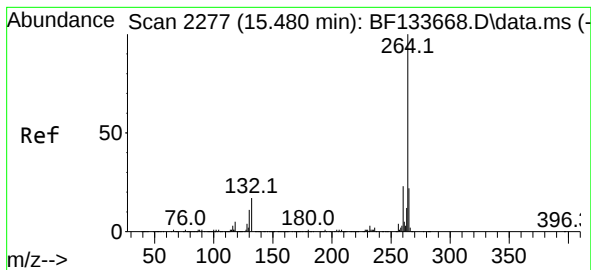
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

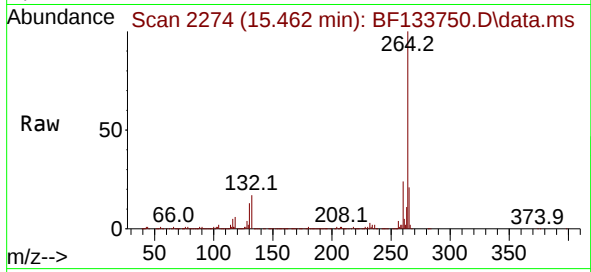
122 9.6 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF133750.D
Acq: 14 Jun 2023 13:43

Instrument :
BNA_F
ClientSampleId :
PB153337TB



Tgt Ion:264 Resp: 251386
Ion Ratio Lower Upper
264 100
260 24.0 18.2 27.2
265 21.0 17.8 26.6

