

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133767.D
 Acq On : 15 Jun 2023 10:42
 Operator : CG\JU
 Sample : PB153397BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153397BL

Quant Time: Jun 15 11:17:19 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)

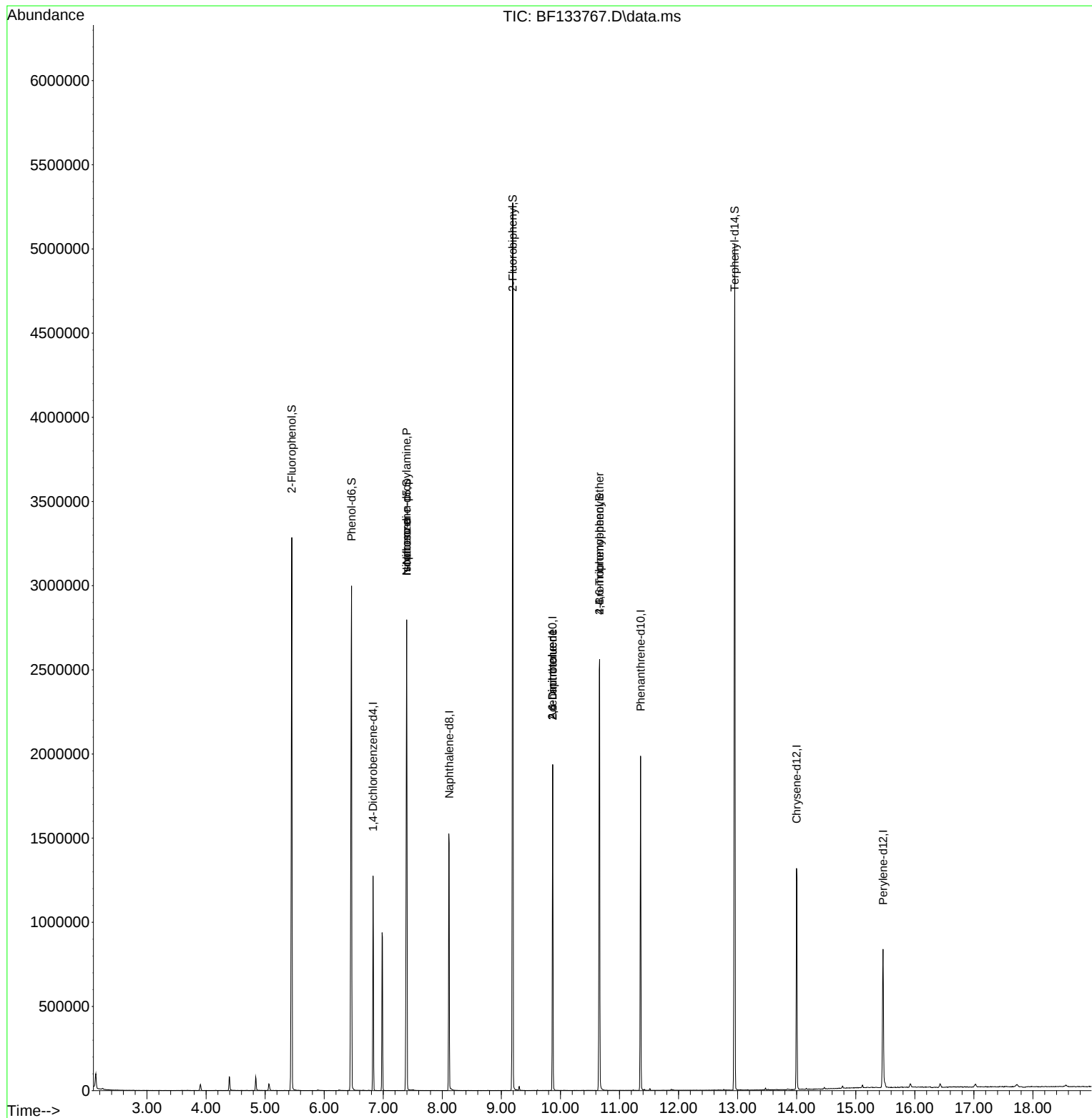
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	171474	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	669137	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	348677	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	682225	20.000	ng	0.00
76) Chrysene-d12	13.998	240	462253	20.000	ng	-0.01
86) Perylene-d12	15.462	264	376551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	875104	88.845	ng	0.00
7) Phenol-d6	6.463	99	1044930	81.501	ng	0.00
23) Nitrobenzene-d5	7.398	82	894652	72.823	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	334486	75.785	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1577007	64.293	ng	0.00
79) Terphenyl-d14	12.951	244	1883674	63.054	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	124819	15.301	ng	# 77
25) Isophorone	7.398	82	890054	39.463	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	44669	8.315	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	44669	6.538	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	21036	2.763	ng	# 1

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

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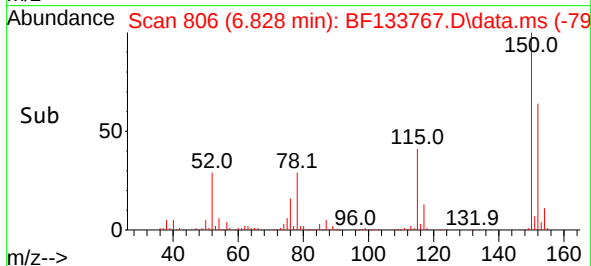
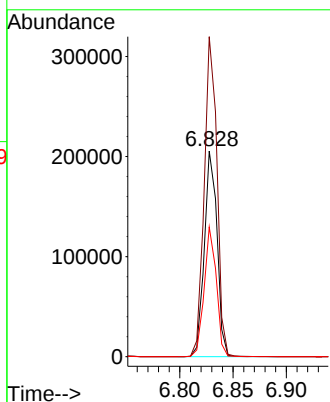
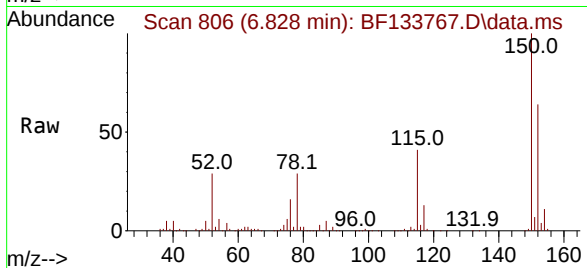




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133767.D
Acq: 15 Jun 2023 10:42

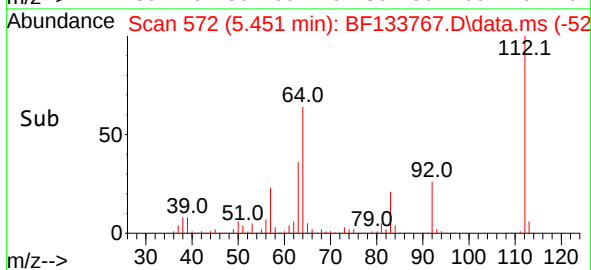
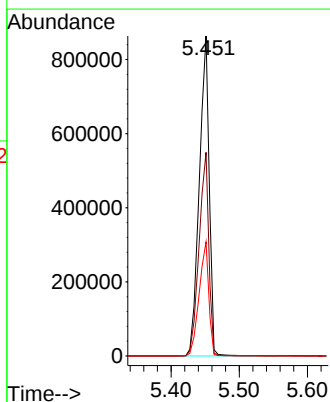
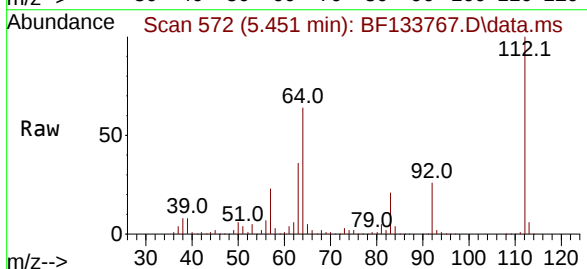
Instrument :
BNA_F
ClientSampleId :
PB153397BL

Tgt Ion:152 Resp: 171474
Ion Ratio Lower Upper
152 100
150 155.7 124.3 186.5
115 63.1 48.5 72.7



#5
2-Fluorophenol
Concen: 88.845 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133767.D
Acq: 15 Jun 2023 10:42

Tgt Ion:112 Resp: 875104
Ion Ratio Lower Upper
112 100
64 63.7 49.0 73.4
63 35.6 26.8 40.2

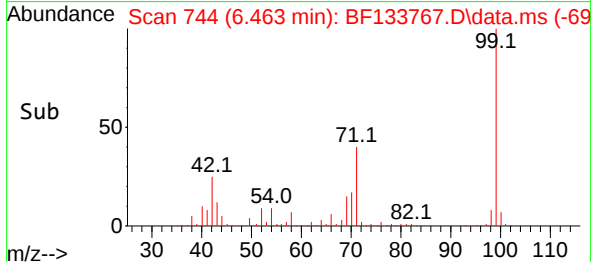
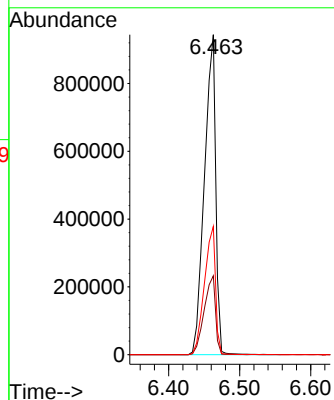
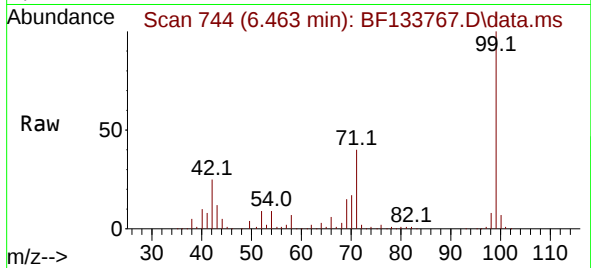




#7
Phenol-d6
Concen: 81.501 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133767.D
Acq: 15 Jun 2023 10:42

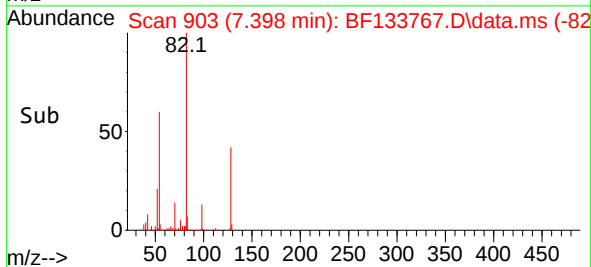
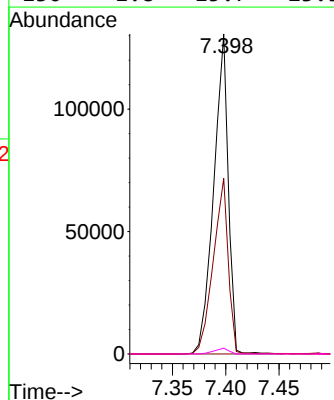
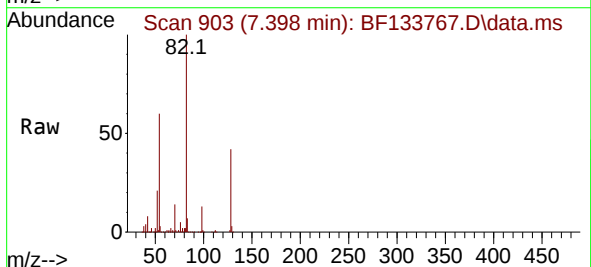
Instrument :
BNA_F
ClientSampleId :
PB153397BL

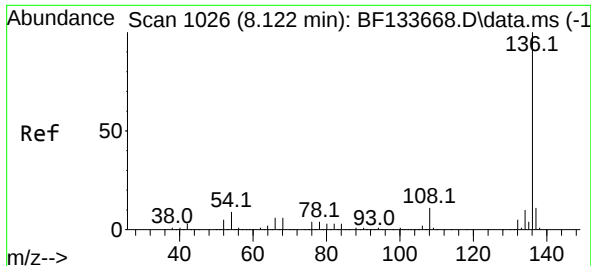
Tgt Ion: 99 Resp: 1044930
Ion Ratio Lower Upper
99 100
42 24.7 19.9 29.9
71 40.1 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.301 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF133767.D
Acq: 15 Jun 2023 10:42

Tgt Ion: 70 Resp: 124819
Ion Ratio Lower Upper
70 100
42 54.9 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

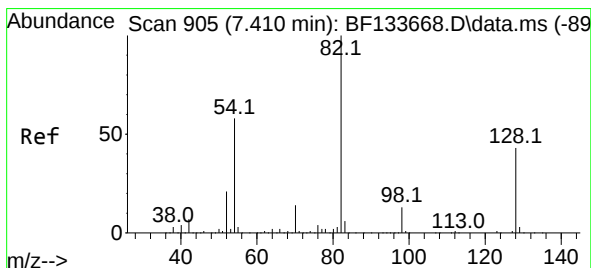
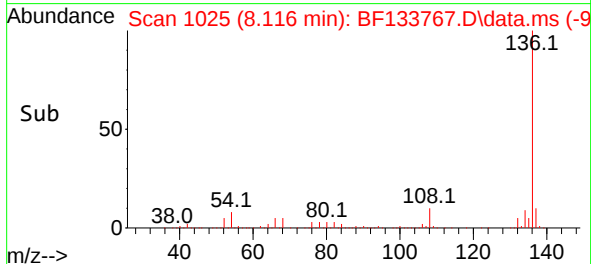
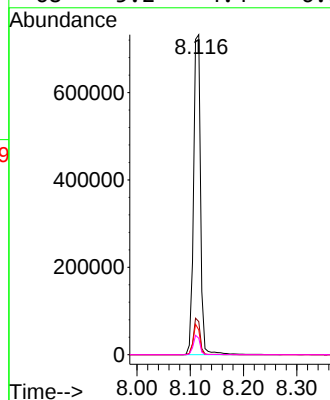
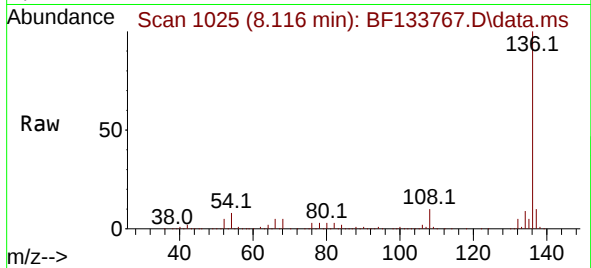




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133767.D
Acq: 15 Jun 2023 10:42

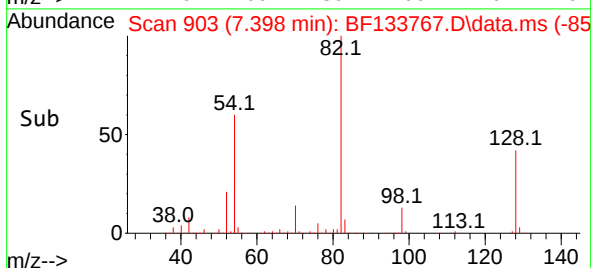
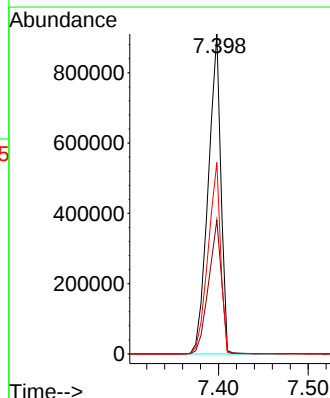
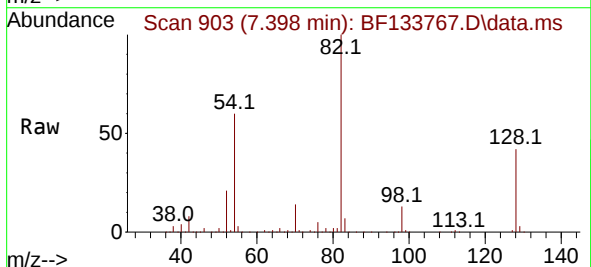
Instrument :
BNA_F
ClientSampleId :
PB153397BL

Tgt Ion:136 Resp: 669137
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 7.8 7.4 11.0
68 5.2 4.4 6.6



#23
Nitrobenzene-d5
Concen: 72.823 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133767.D
Acq: 15 Jun 2023 10:42

Tgt Ion: 82 Resp: 894652
Ion Ratio Lower Upper
82 100
128 41.8 34.2 51.2
54 59.8 46.5 69.7

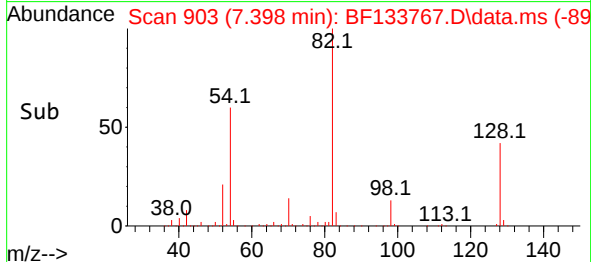
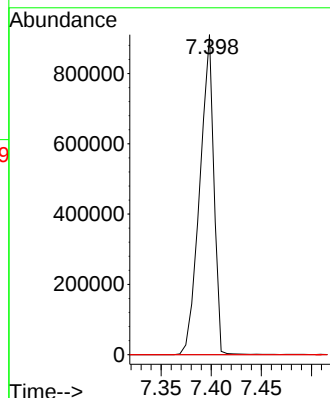
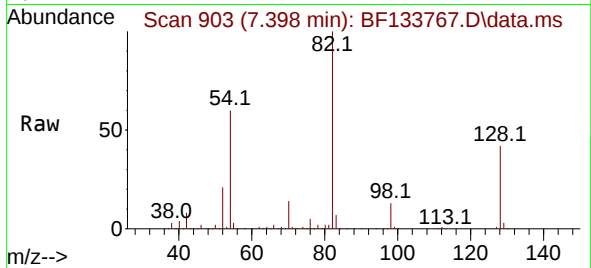




#25
Isophorone
Concen: 39.463 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133767.D
Acq: 15 Jun 2023 10:42

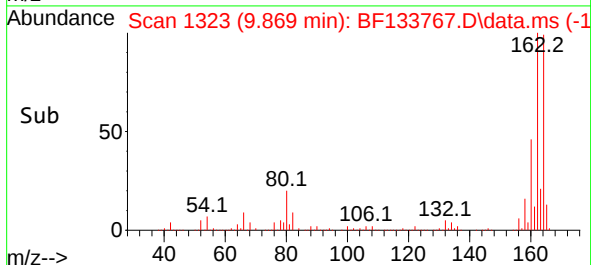
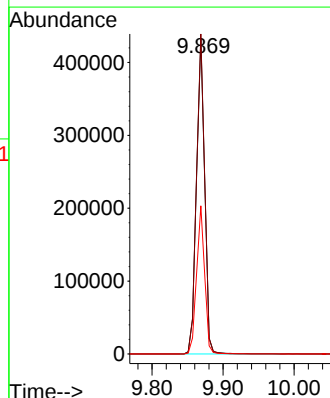
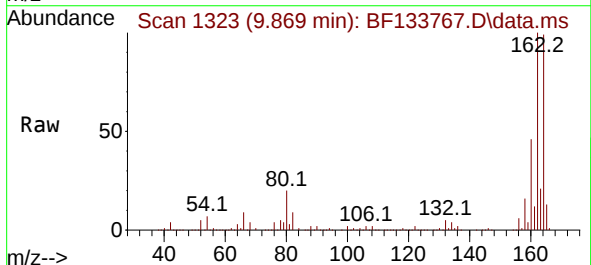
Instrument :
BNA_F
ClientSampleId :
PB153397BL

Tgt Ion: 82 Resp: 890054
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: BF133767.D
Acq: 15 Jun 2023 10:42

Tgt Ion:164 Resp: 348677
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 46.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 75.785 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF133767.D

Acq: 15 Jun 2023 10:42

Instrument :

BNA_F

ClientSampleId :

PB153397BL

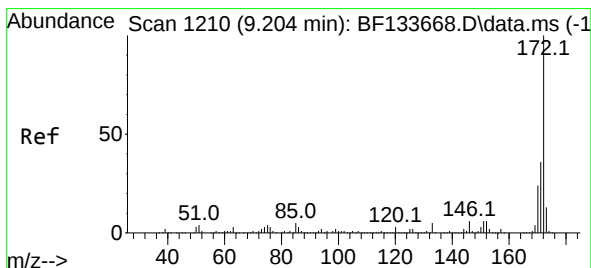
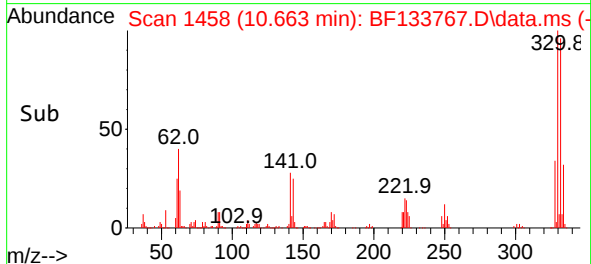
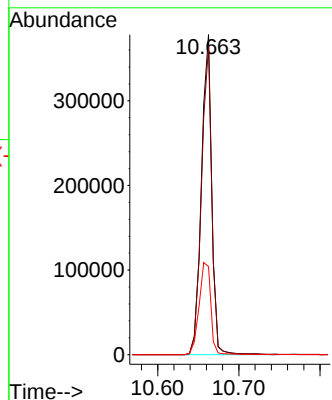
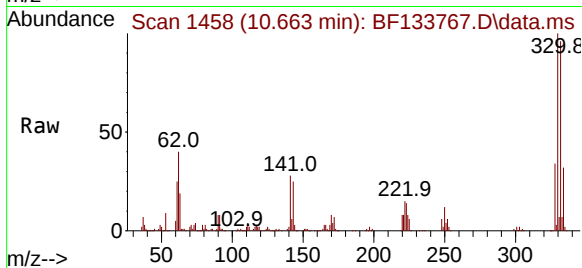
Tgt Ion:330 Resp: 334486

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 32.6 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 64.293 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133767.D

Acq: 15 Jun 2023 10:42

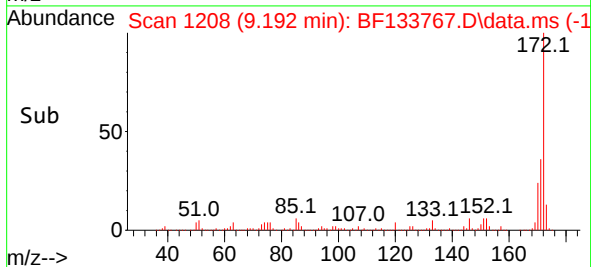
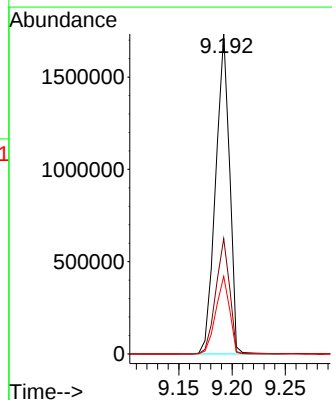
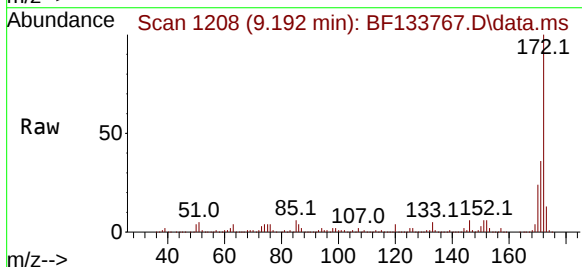
Tgt Ion:172 Resp: 1577007

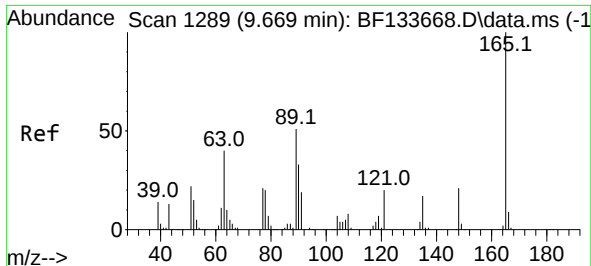
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.2 19.1 28.7

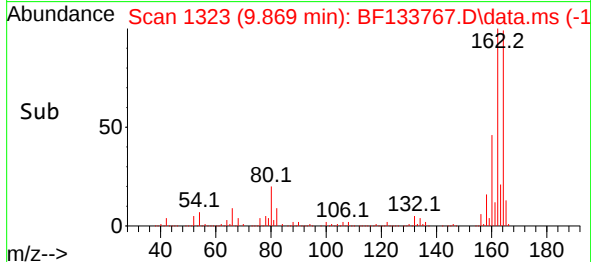
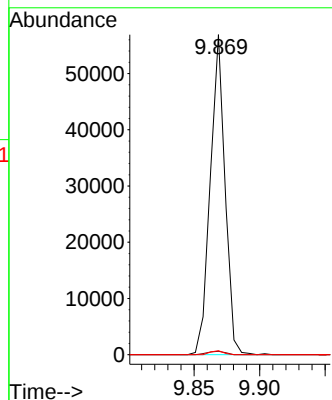
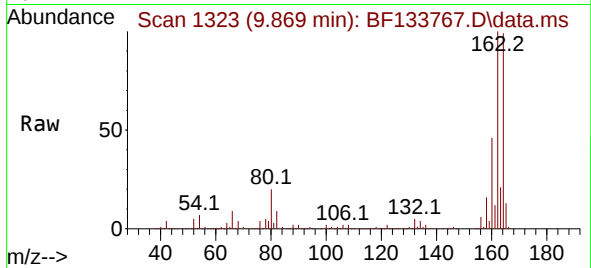




#51
2,6-Dinitrotoluene
Concen: 8.315 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133767.D
Acq: 15 Jun 2023 10:42

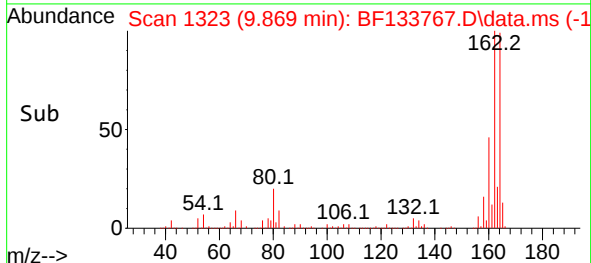
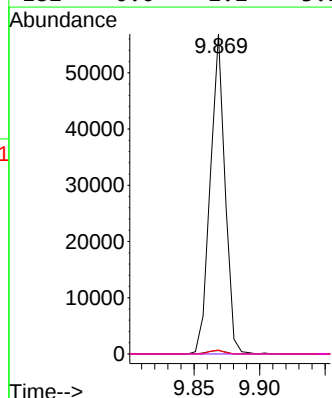
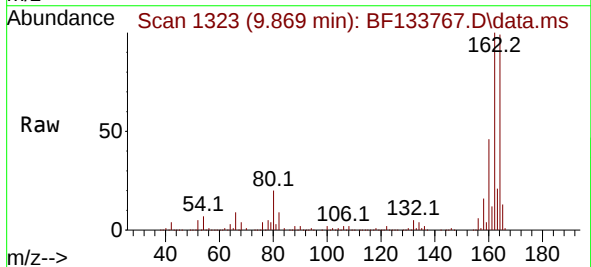
Instrument :
BNA_F
ClientSampleId :
PB153397BL

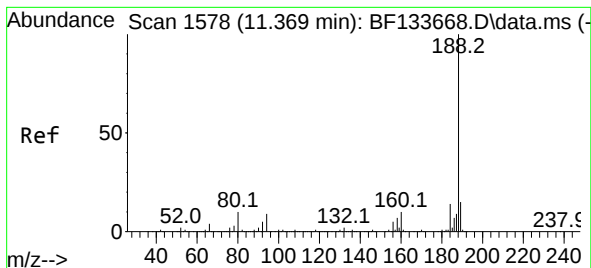
Tgt Ion:165 Resp: 44669
Ion Ratio Lower Upper
165 100
63 1.1 42.1 63.1#
89 1.2 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.538 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133767.D
Acq: 15 Jun 2023 10:42

Tgt Ion:165 Resp: 44669
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.2 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: BF133767.D

Acq: 15 Jun 2023 10:42

Instrument :

BNA_F

ClientSampleId :

PB153397BL

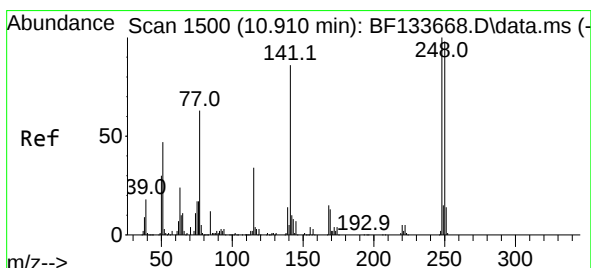
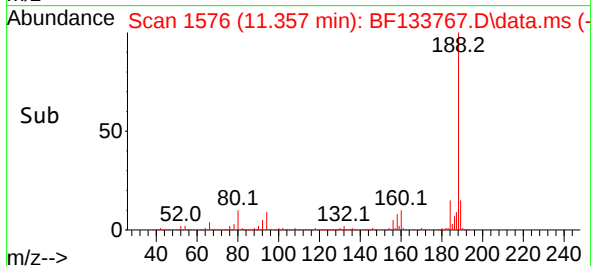
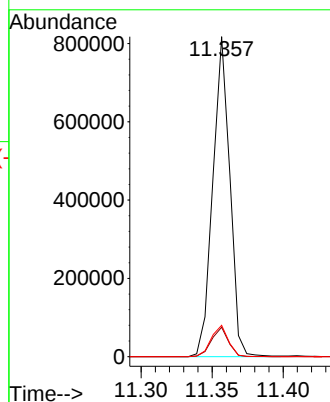
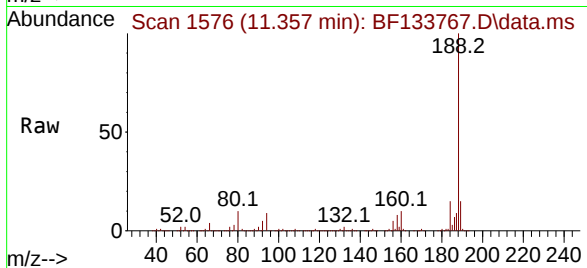
Tgt Ion:188 Resp: 682225

Ion Ratio Lower Upper

188 100

94 9.2 6.8 10.2

80 9.8 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 2.763 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF133767.D

Acq: 15 Jun 2023 10:42

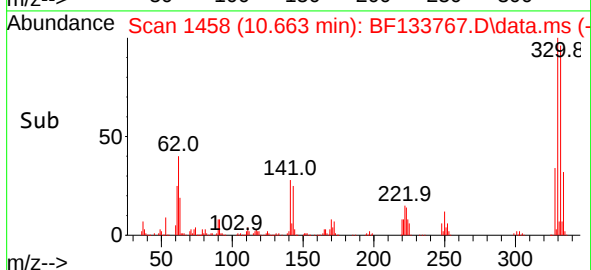
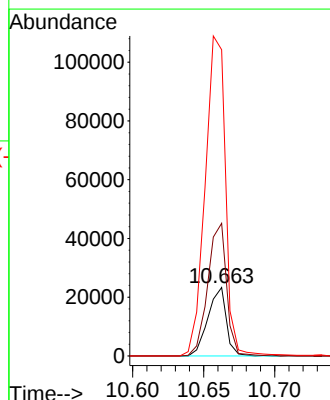
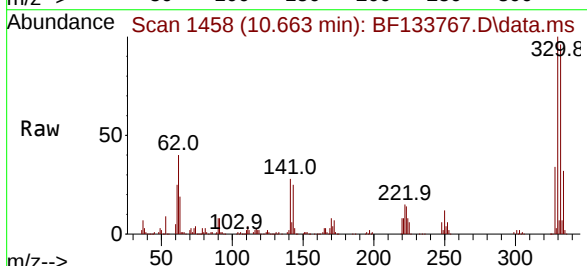
Tgt Ion:248 Resp: 21036

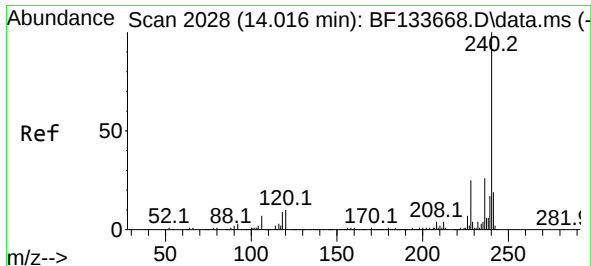
Ion Ratio Lower Upper

248 100

250 193.8 78.3 117.5#

141 447.2 69.0 103.6#

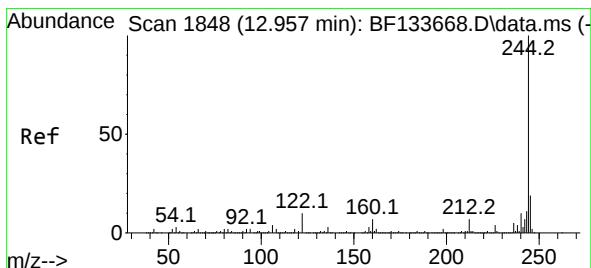
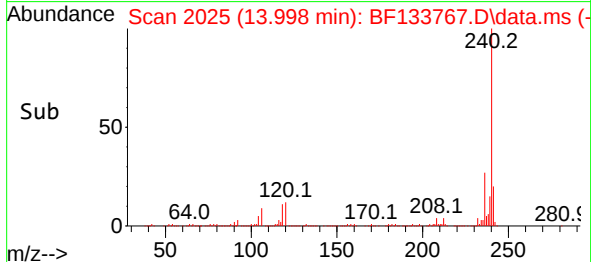
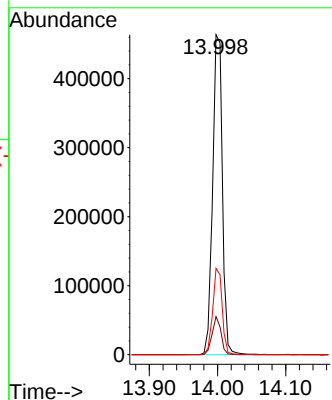
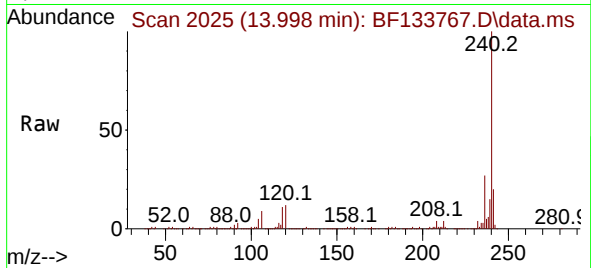




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF133767.D
Acq: 15 Jun 2023 10:42

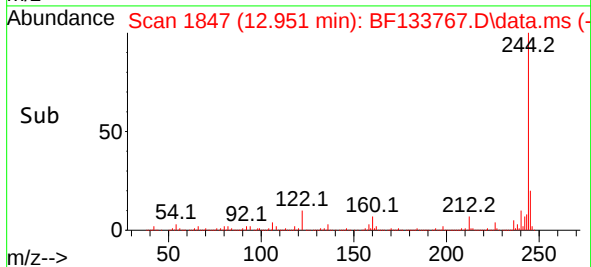
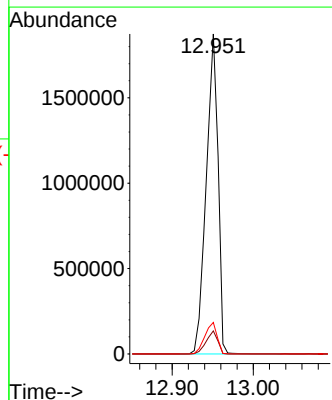
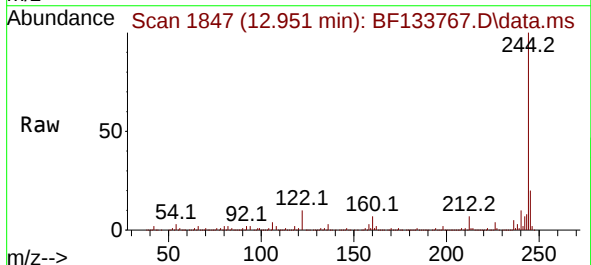
Instrument :
BNA_F
ClientSampleId :
PB153397BL

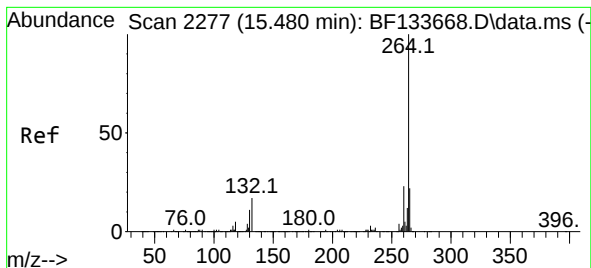
Tgt Ion:240 Resp: 462253
Ion Ratio Lower Upper
240 100
120 11.9 8.1 12.1
236 26.9 20.5 30.7



#79
Terphenyl-d14
Concen: 63.054 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF133767.D
Acq: 15 Jun 2023 10:42

Tgt Ion:244 Resp: 1883674
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.8 8.1 12.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133767.D

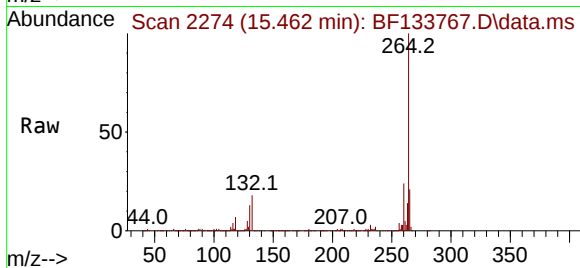
Acq: 15 Jun 2023 10:42

Instrument :

BNA_F

ClientSampleId :

PB153397BL



Tgt Ion:264 Resp: 376551

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.2

265 21.5 17.8 26.6

