

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129351.D
 Acq On : 26 Jul 2022 12:49
 Operator : CG\JU
 Sample : N3840-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-1-TW

Quant Time: Jul 27 00:39:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

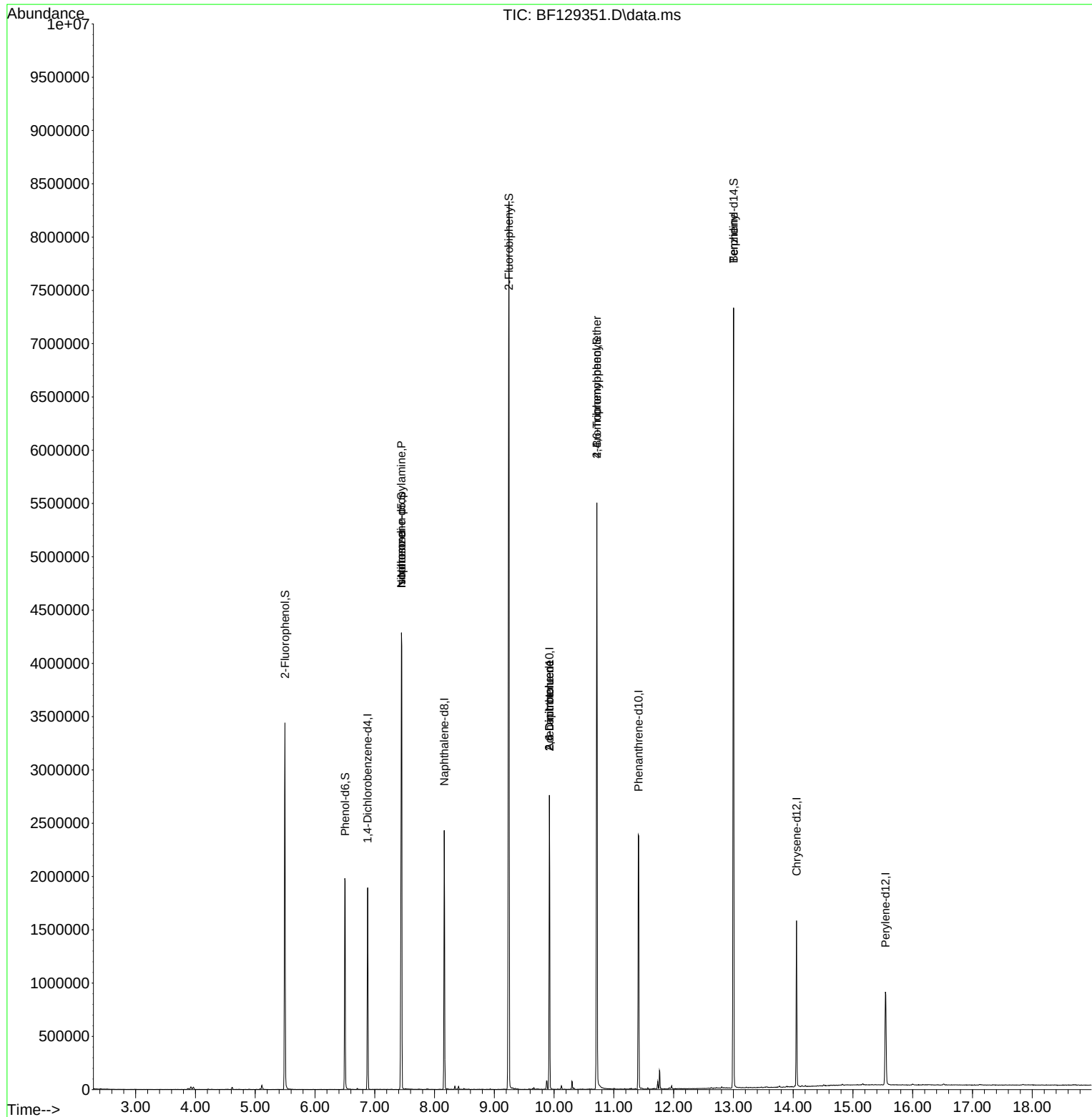
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	245928	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	996794	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	534049	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	889758	20.000	ng	0.00
76) Chrysene-d12	14.057	240	477878	20.000	ng	#-0.01
86) Perylene-d12	15.545	264	413883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	891666	59.063	ng	0.00
7) Phenol-d6	6.504	99	680016	35.836	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1590292	87.091	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	657036	127.965	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2635338	76.336	ng	0.00
79) Terphenyl-d14	13.004	244	2484820	98.096	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	212274	18.478	ng	# 74
25) Isophorone	7.445	82	1588451	48.530	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	70004	8.484	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	70004	6.494	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	40560	4.163	ng	# 1
77) Benzidine	13.004	184	36024	2.134	ng	# 93

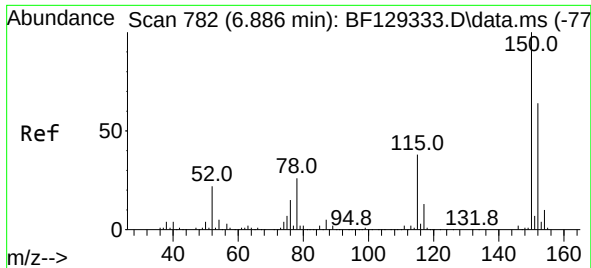
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
Data File : BF129351.D
Acq On : 26 Jul 2022 12:49
Operator : CG\JU
Sample : N3840-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-TW

Quant Time: Jul 27 00:39:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

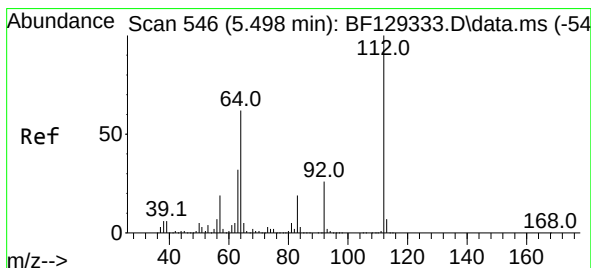
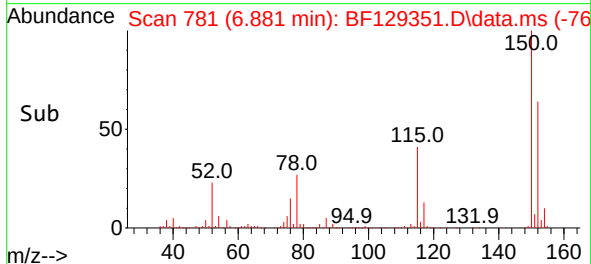
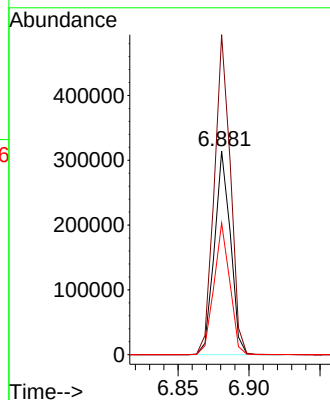
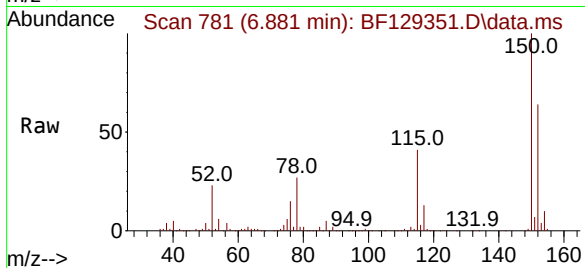




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 781
 Delta R.T. -0.005 min
 Lab File: BF129351.D
 Acq: 26 Jul 2022 12:49

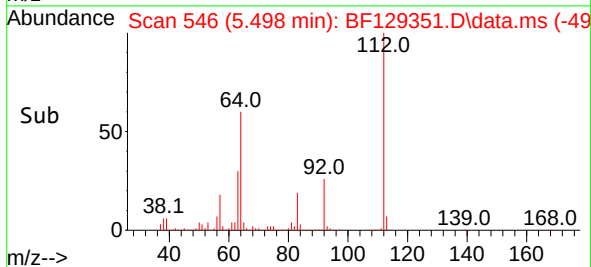
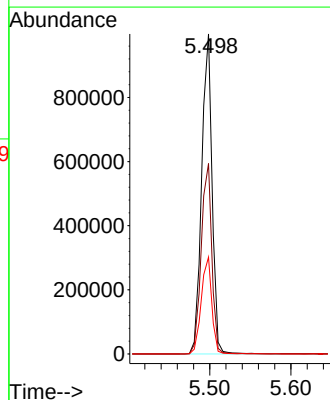
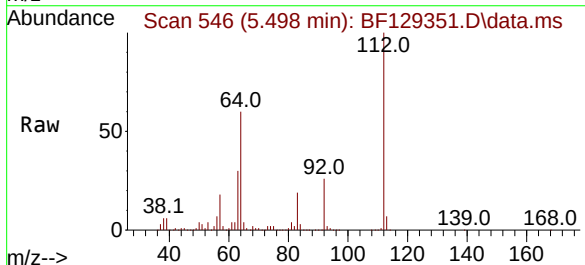
Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-1-TW

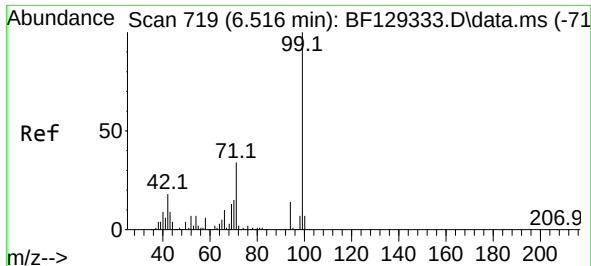
Tgt Ion:152 Resp: 245928
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.7 185.5
 115 64.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 59.063 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.000 min
 Lab File: BF129351.D
 Acq: 26 Jul 2022 12:49

Tgt Ion:112 Resp: 891666
 Ion Ratio Lower Upper
 112 100
 64 59.5 53.3 79.9
 63 30.3 28.0 42.0

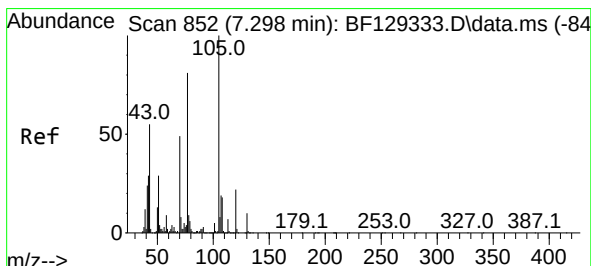
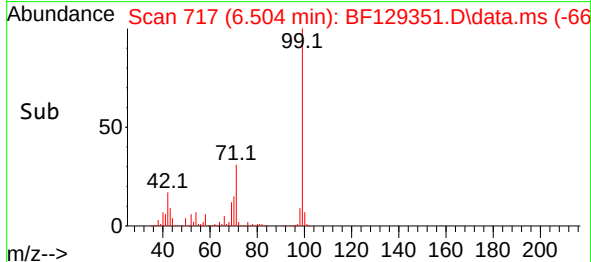
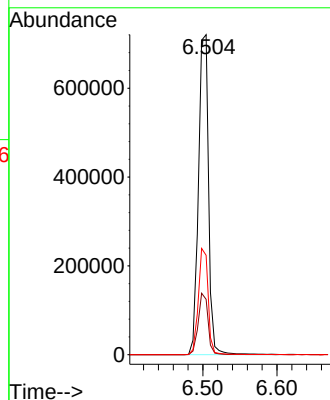
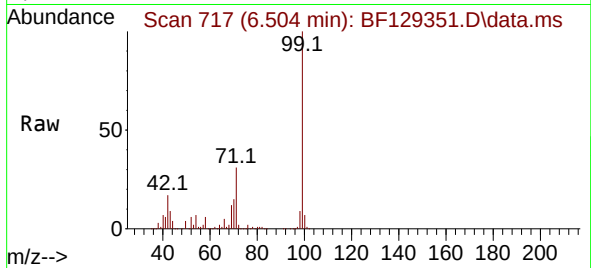




#7
Phenol-d6
Concen: 35.836 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129351.D
Acq: 26 Jul 2022 12:49

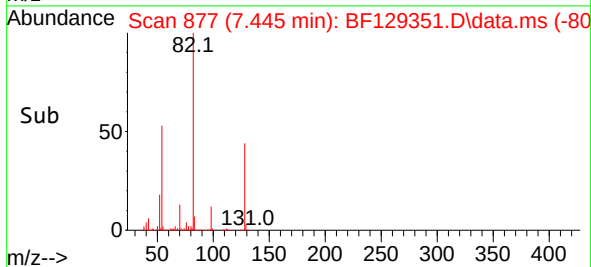
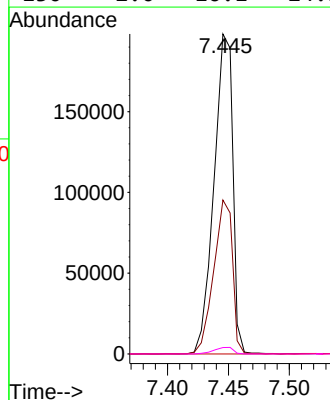
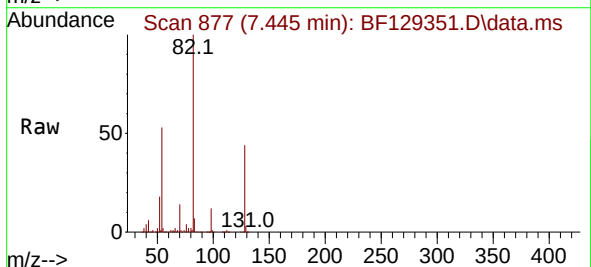
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-TW

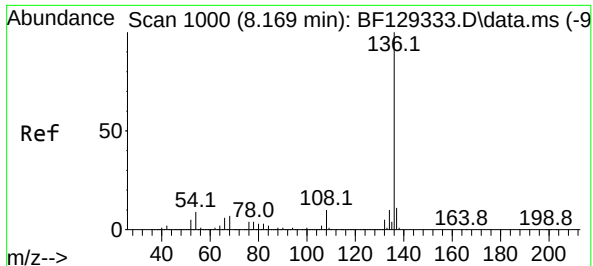
Tgt Ion: 99 Resp: 680016
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9
71 31.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.478 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129351.D
Acq: 26 Jul 2022 12:49

Tgt Ion: 70 Resp: 212274
Ion Ratio Lower Upper
70 100
42 48.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



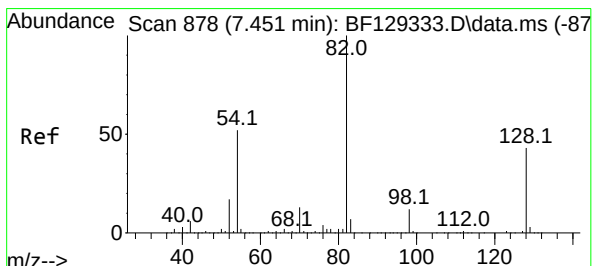
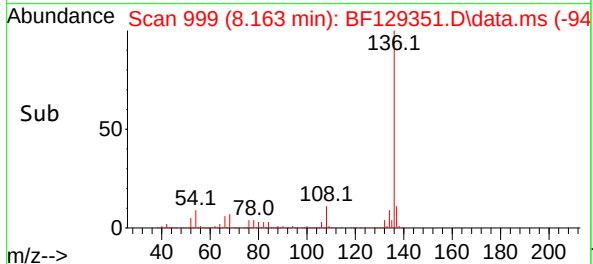
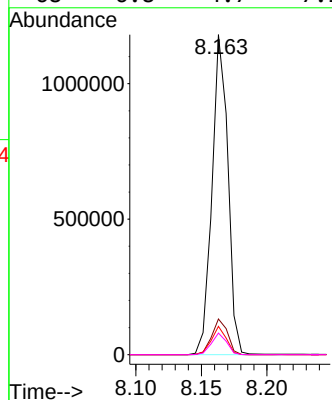
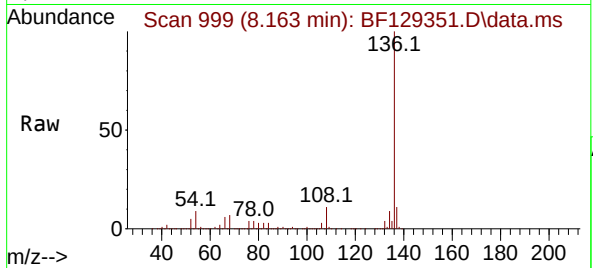


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129351.D
Acq: 26 Jul 2022 12:49

Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-TW

Tgt Ion:136 Resp: 996794

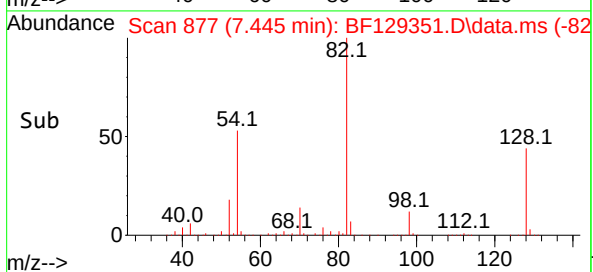
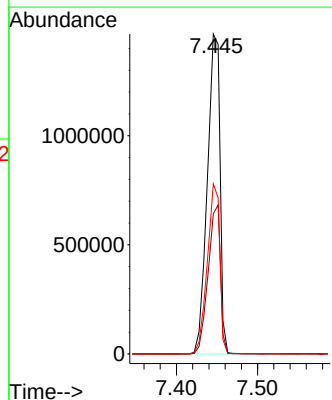
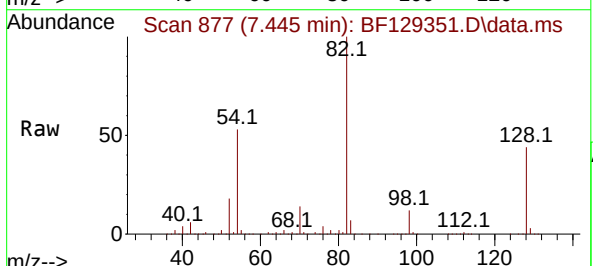
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.9	7.5	11.3
68	6.8	4.7	7.1

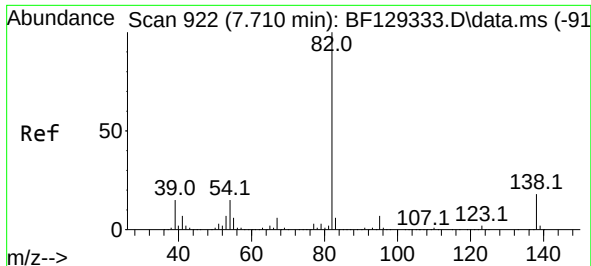


#23
Nitrobenzene-d5
Concen: 87.091 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129351.D
Acq: 26 Jul 2022 12:49

Tgt Ion: 82 Resp: 1590292

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.0	51.0
54	53.2	46.9	70.3

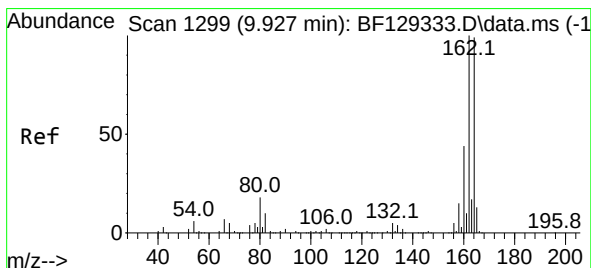
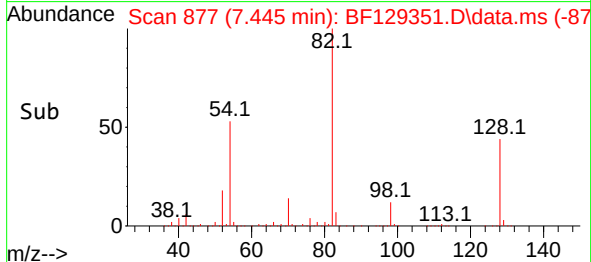
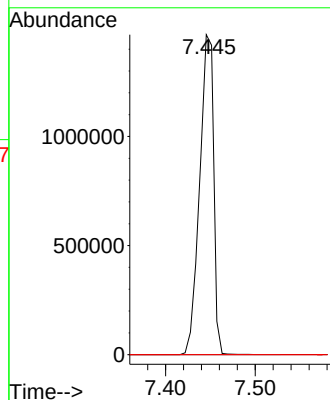
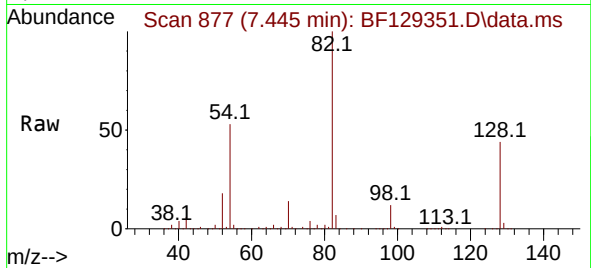




#25
Isophorone
Concen: 48.530 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129351.D
Acq: 26 Jul 2022 12:49

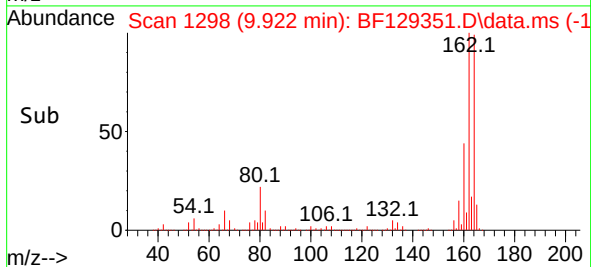
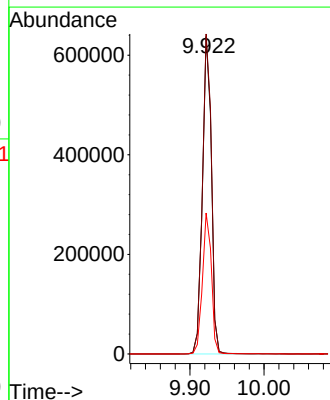
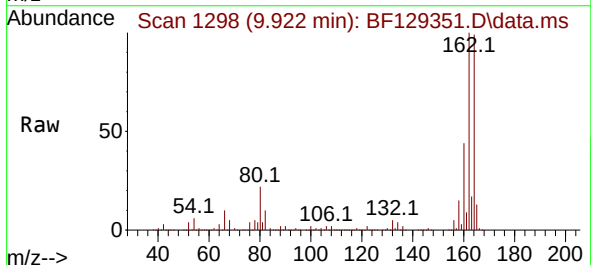
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-TW

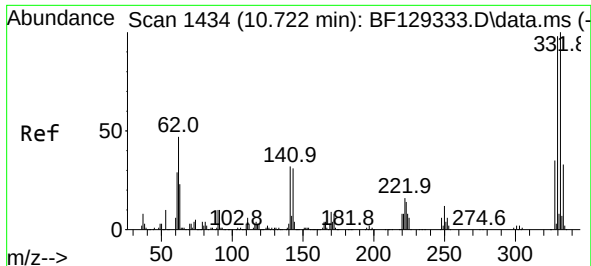
Tgt Ion: 82 Resp: 1588451
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129351.D
Acq: 26 Jul 2022 12:49

Tgt Ion:164 Resp: 534049
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 127.965 ng

RT: 10.716 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129351.D

Acq: 26 Jul 2022 12:49

Instrument :

BNA_F

ClientSampleId :

ENV-DE-1-TW

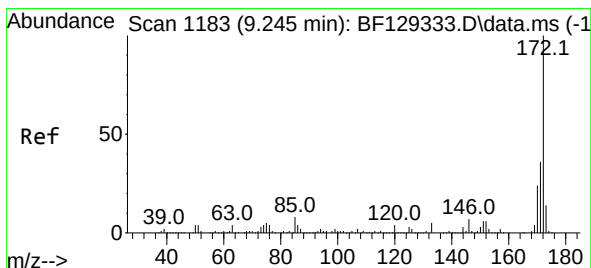
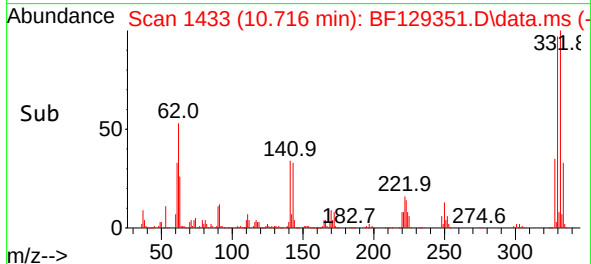
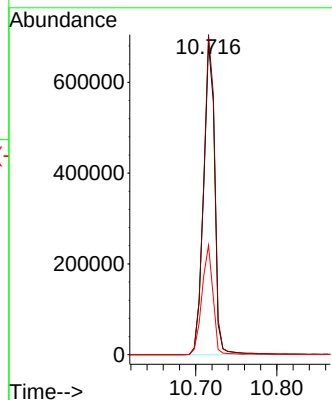
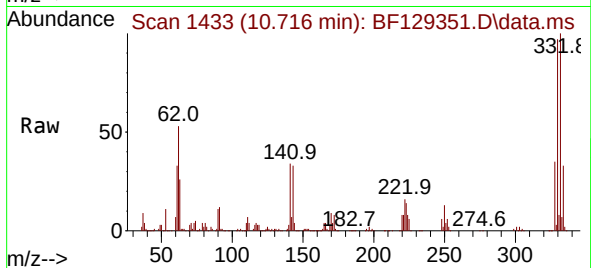
Tgt Ion:330 Resp: 657036

Ion Ratio Lower Upper

330 100

332 103.2 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 76.336 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129351.D

Acq: 26 Jul 2022 12:49

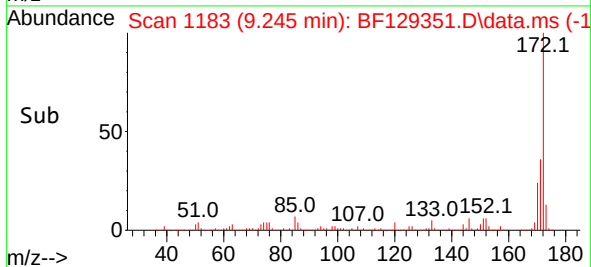
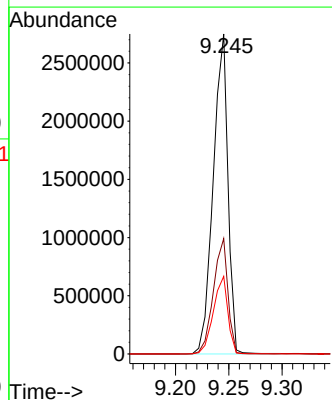
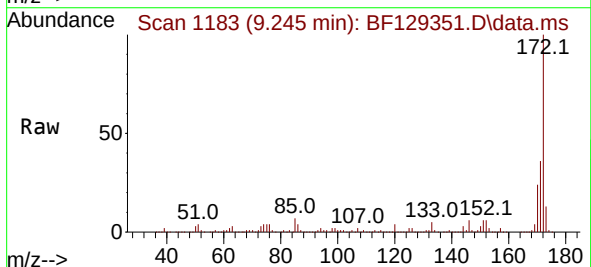
Tgt Ion:172 Resp: 2635338

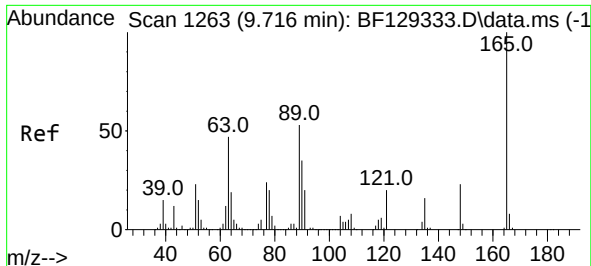
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.484 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129351.D

Acq: 26 Jul 2022 12:49

Instrument :

BNA_F

ClientSampleId :

ENV-DE-1-TW

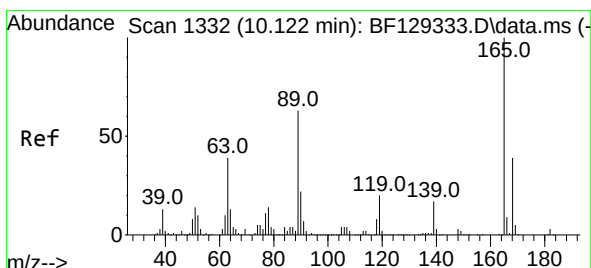
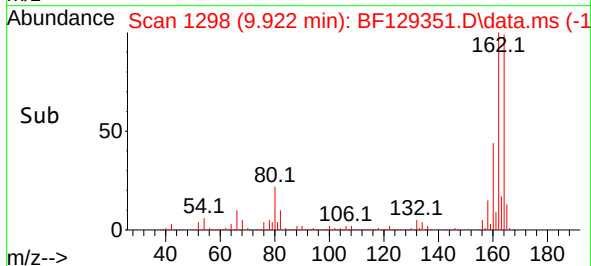
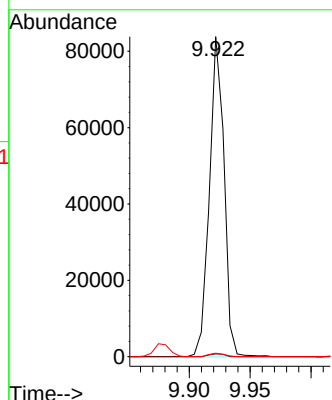
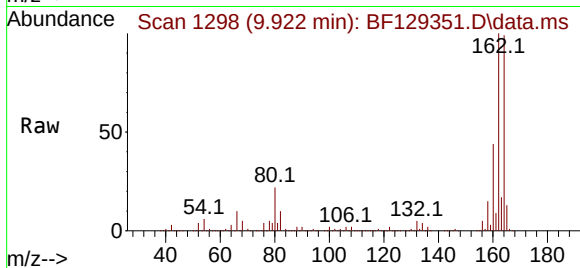
Tgt Ion:165 Resp: 70004

Ion Ratio Lower Upper

165 100

63 0.8 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.494 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129351.D

Acq: 26 Jul 2022 12:49

Tgt Ion:165 Resp: 70004

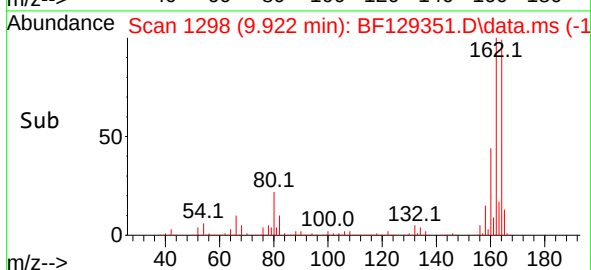
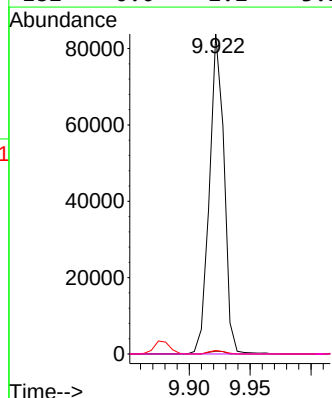
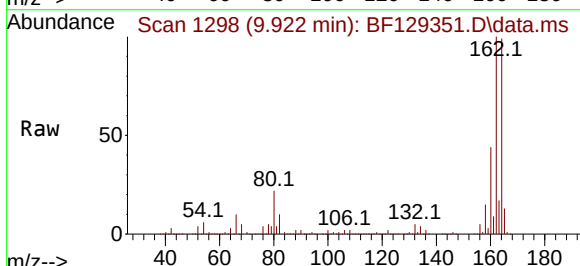
Ion Ratio Lower Upper

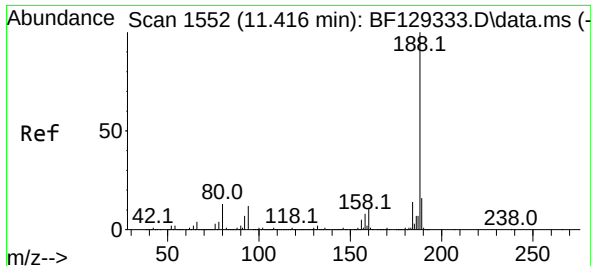
165 100

63 0.8 39.8 59.6#

89 1.1 60.2 90.2#

182 0.0 2.2 3.2#

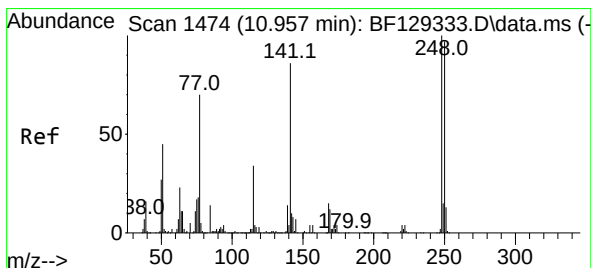
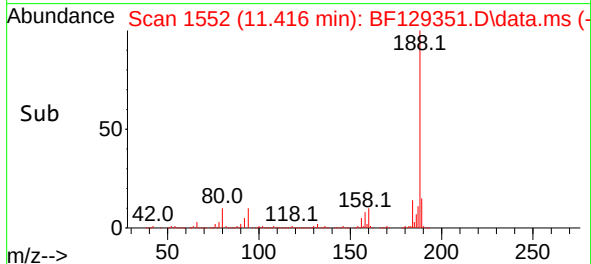
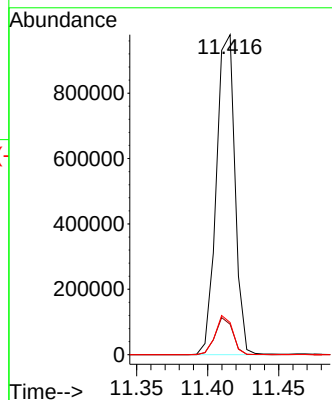
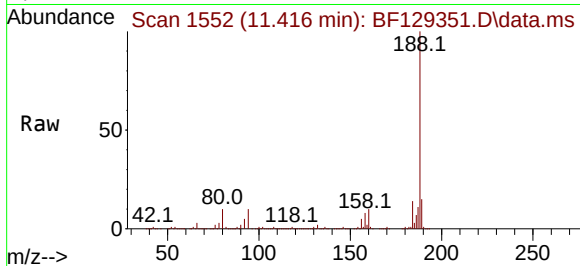




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129351.D
Acq: 26 Jul 2022 12:49

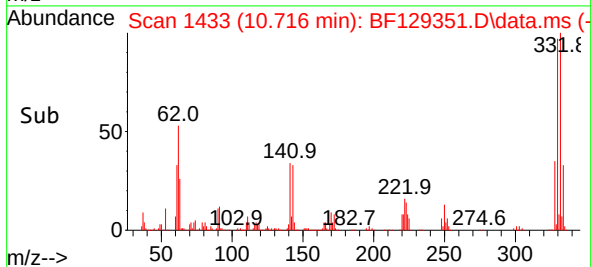
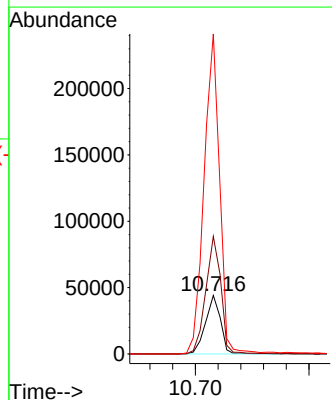
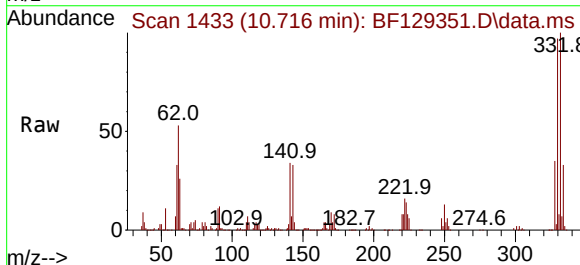
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-TW

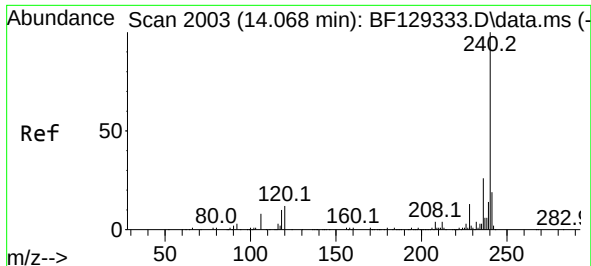
Tgt Ion:188 Resp: 889758
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.163 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129351.D
Acq: 26 Jul 2022 12:49

Tgt Ion:248 Resp: 40560
Ion Ratio Lower Upper
248 100
250 201.0 80.6 120.8#
141 546.7 58.9 88.3#

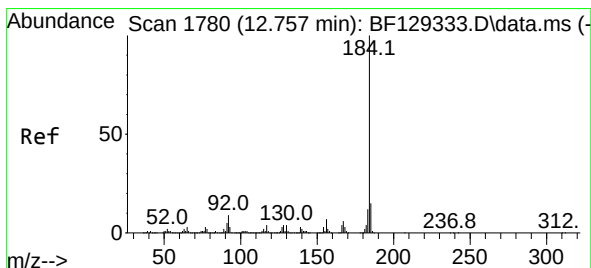
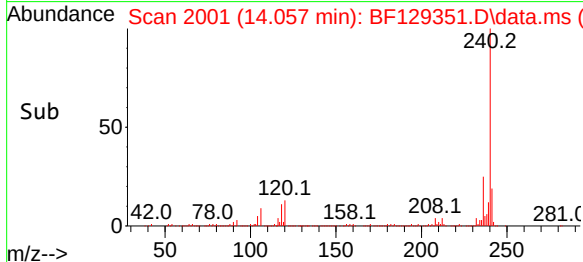
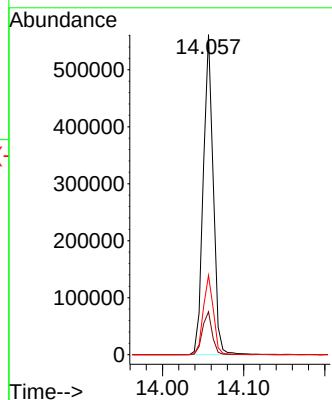
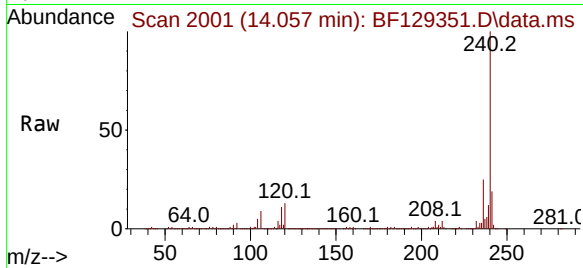




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129351.D
Acq: 26 Jul 2022 12:49

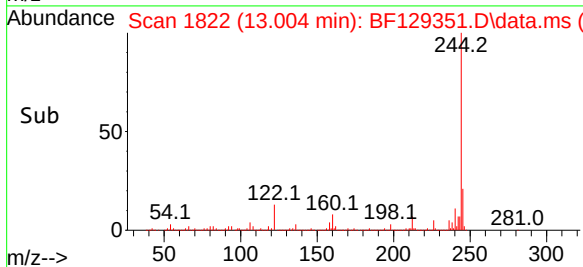
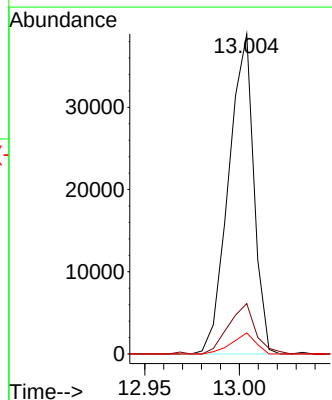
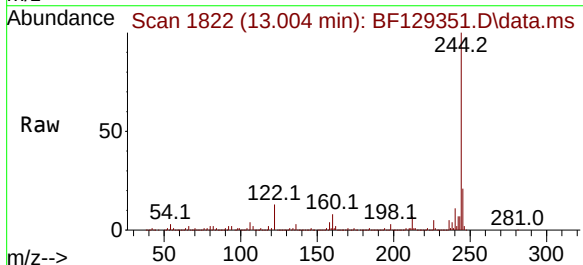
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-TW

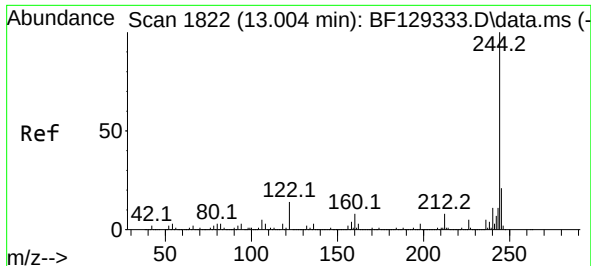
Tgt Ion:240 Resp: 477878
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 24.8 20.8 31.2



#77
Benzidine
Concen: 2.134 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129351.D
Acq: 26 Jul 2022 12:49

Tgt Ion:184 Resp: 36024
Ion Ratio Lower Upper
184 100
185 15.7 11.9 17.9
183 6.6 9.3 13.9#

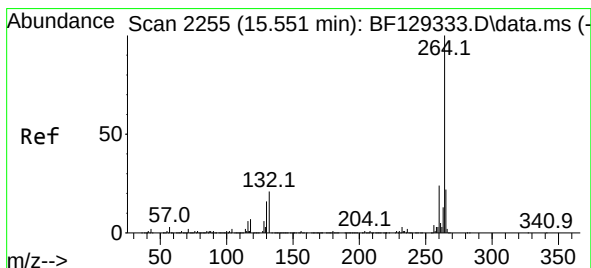
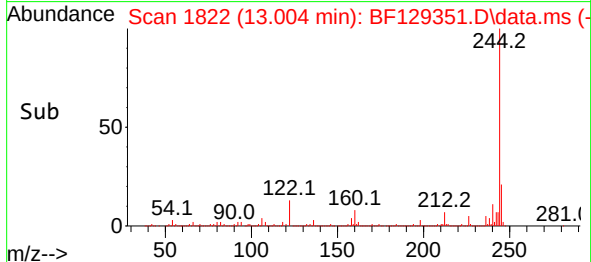
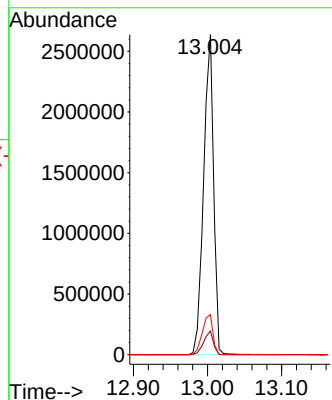
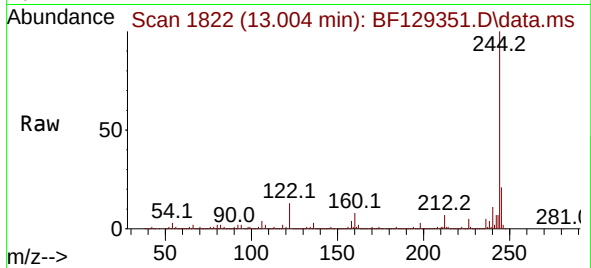




#79
 Terphenyl-d14
 Concen: 98.096 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129351.D
 Acq: 26 Jul 2022 12:49

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-1-TW

Tgt Ion:244 Resp: 2484820
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2254
 Delta R.T. -0.006 min
 Lab File: BF129351.D
 Acq: 26 Jul 2022 12:49

Tgt Ion:264 Resp: 413883
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.4 17.2 25.8

