

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139854.D
 Acq On : 18 Oct 2024 15:21
 Operator : RC/JU
 Sample : P4405-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-121

Quant Time: Oct 18 15:47:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

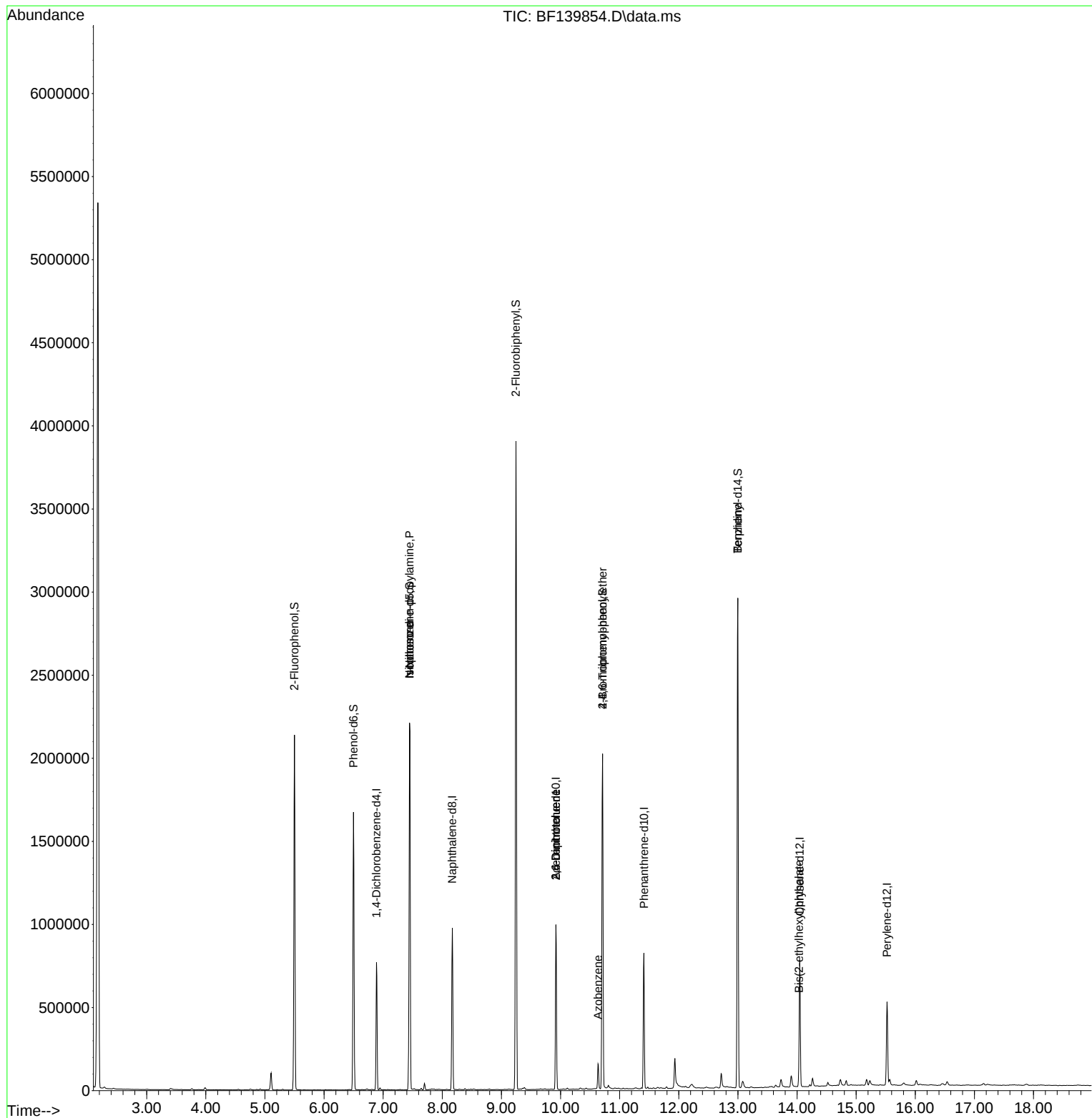
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	151163	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	561497	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	281527	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	411435	20.000	ng	0.00
76) Chrysene-d12	14.045	240	336325	20.000	ng	0.00
86) Perylene-d12	15.521	264	284413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	752206	77.901	ng	0.00
7) Phenol-d6	6.498	99	728556	58.256	ng	-0.01
23) Nitrobenzene-d5	7.445	82	995357	98.249	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	321060	121.922	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1669397	98.002	ng	0.00
79) Terphenyl-d14	12.998	244	1459525	70.713	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	137041	18.068	ng	# 79
25) Isophorone	7.445	82	993588	51.672	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	36917	9.723	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	36917	7.907	ng	# 21
63) Azobenzene	10.633	77	37112	2.033	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	21708	5.122	ng	# 1
77) Benzidine	12.998	184	18988	3.433	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.033	149	21540	2.175	ng	# 95

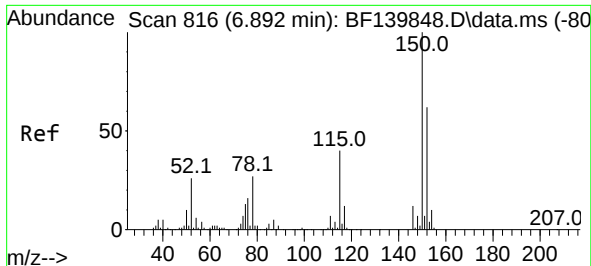
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139854.D
Acq On : 18 Oct 2024 15:21
Operator : RC/JU
Sample : P4405-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-121

Quant Time: Oct 18 15:47:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

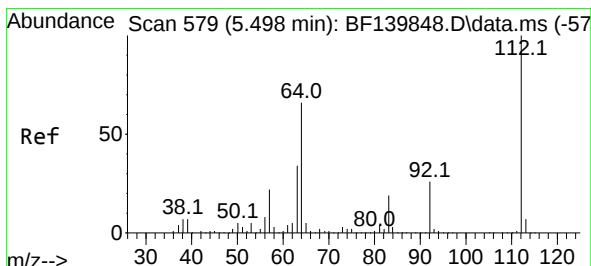
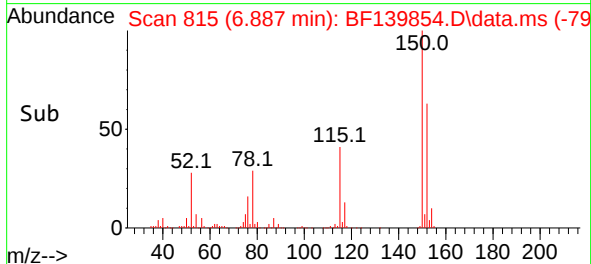
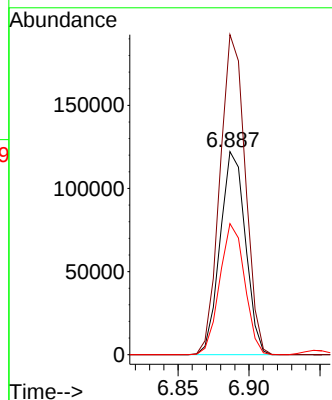
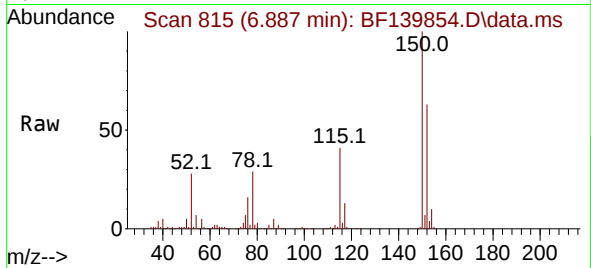




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

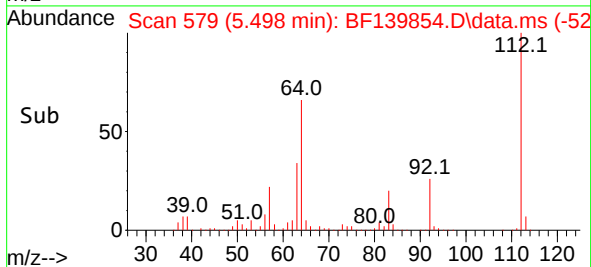
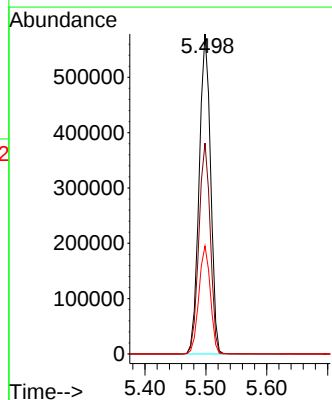
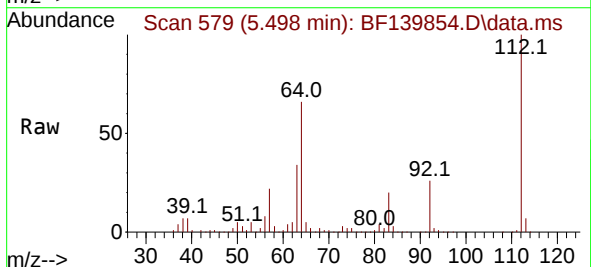
Instrument :
BNA_F
ClientSampleId :
MH-121

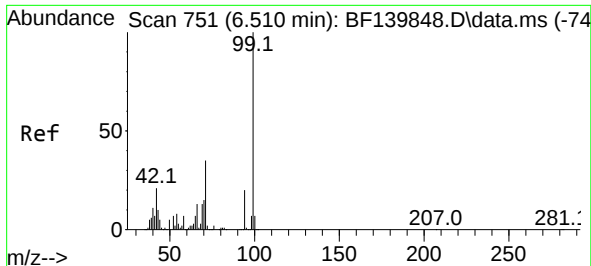
Tgt Ion:152 Resp: 151163
Ion Ratio Lower Upper
152 100
150 157.5 130.2 195.2
115 64.5 51.4 77.2



#5
2-Fluorophenol
Concen: 77.901 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Tgt Ion:112 Resp: 752206
Ion Ratio Lower Upper
112 100
64 65.9 53.0 79.6
63 33.8 27.0 40.4

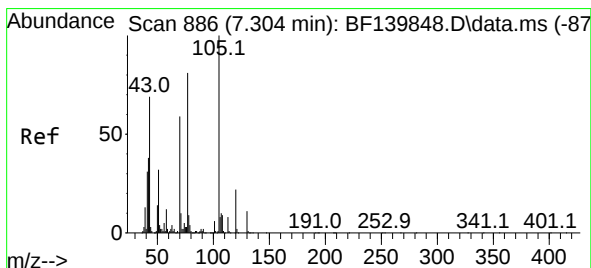
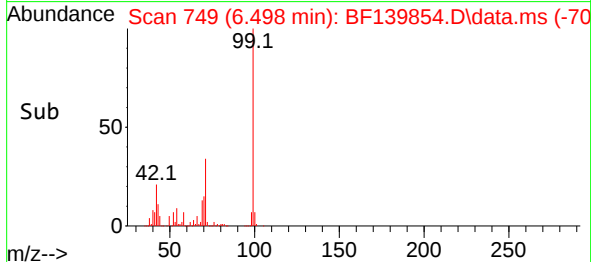
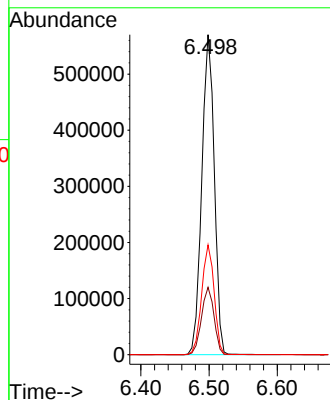
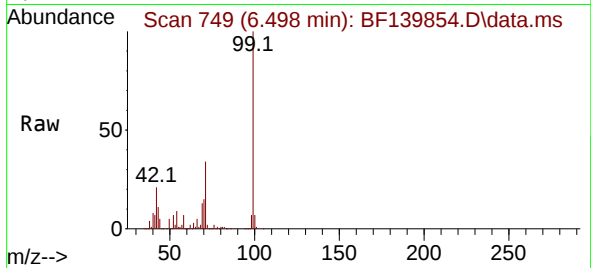




#7
Phenol-d6
Concen: 58.256 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

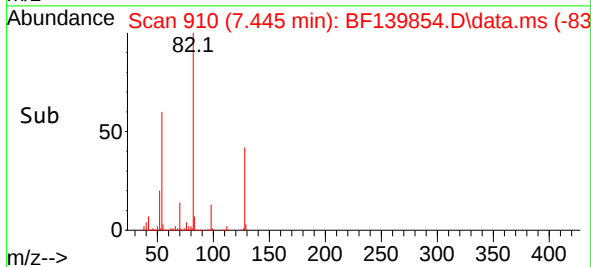
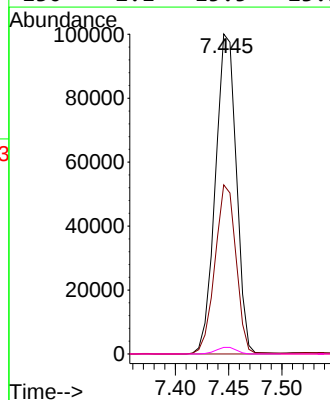
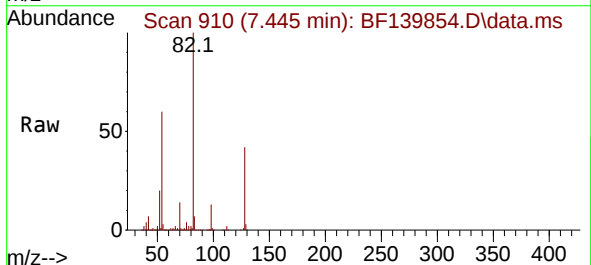
Instrument :
BNA_F
ClientSampleId :
MH-121

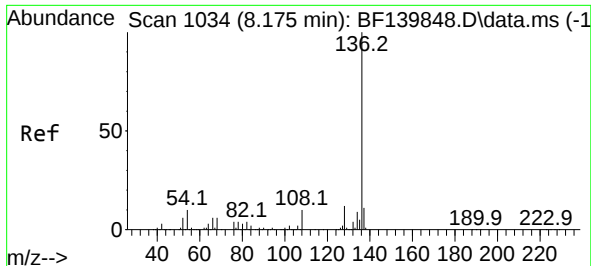
Tgt Ion: 99 Resp: 728556
Ion Ratio Lower Upper
99 100
42 21.1 16.7 25.1
71 34.3 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.068 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Tgt Ion: 70 Resp: 137041
Ion Ratio Lower Upper
70 100
42 52.8 51.5 77.3
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



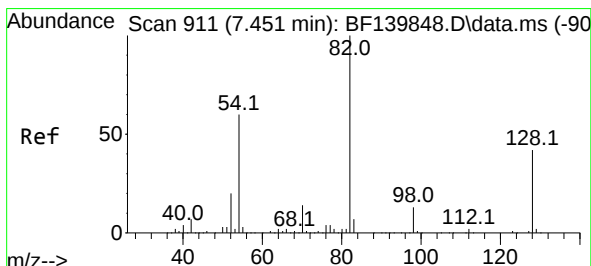
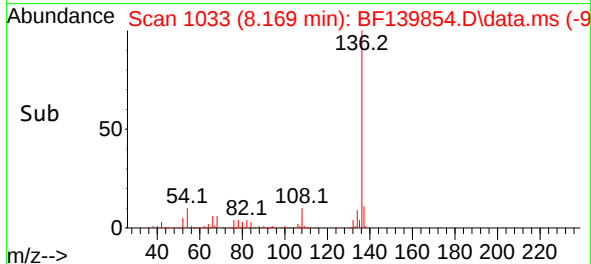
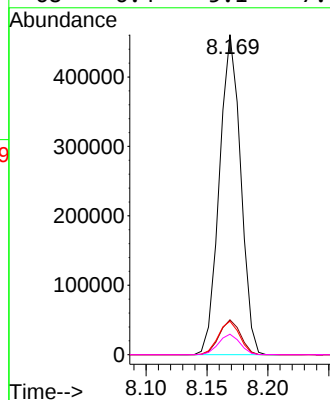
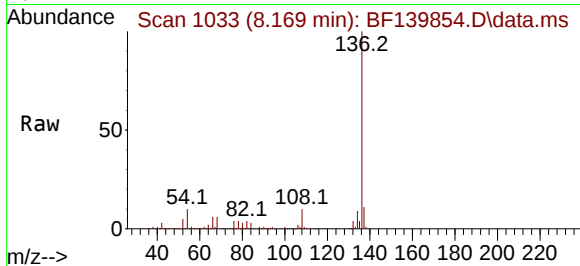


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Instrument :
BNA_F
ClientSampleId :
MH-121

Tgt Ion:136 Resp: 561497

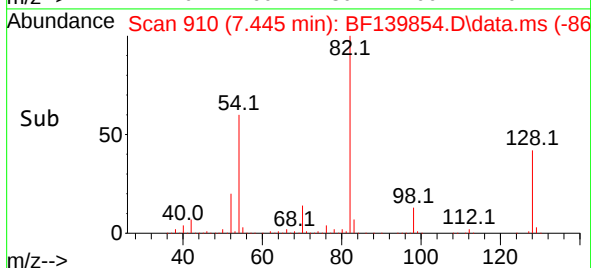
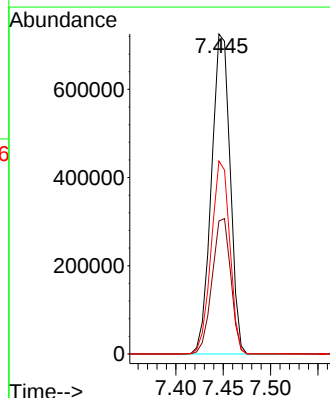
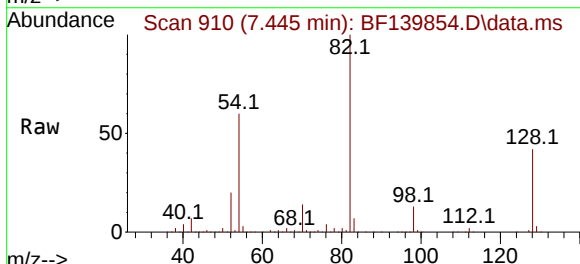
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.5	8.4	12.6
68	6.4	5.1	7.7

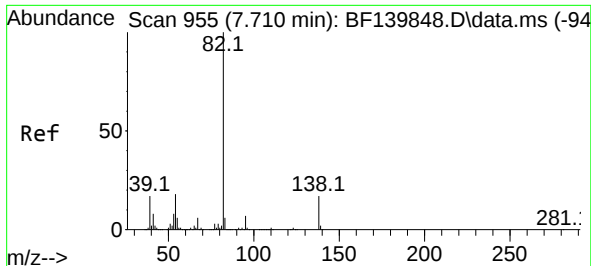


#23
Nitrobenzene-d5
Concen: 98.249 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Tgt Ion: 82 Resp: 995357

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.0
54	60.3	47.8	71.8

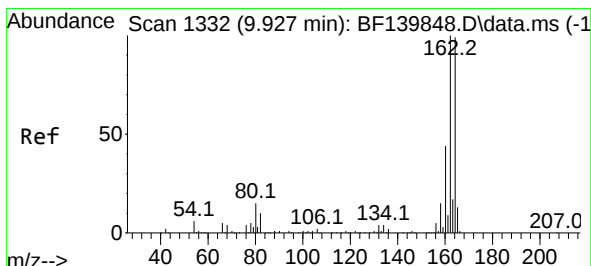
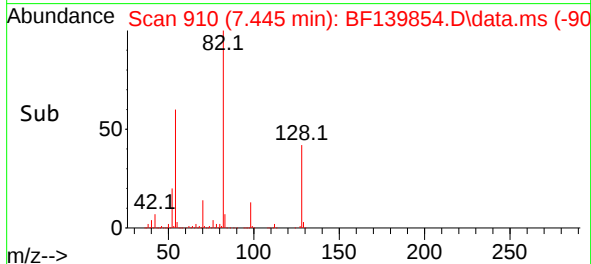
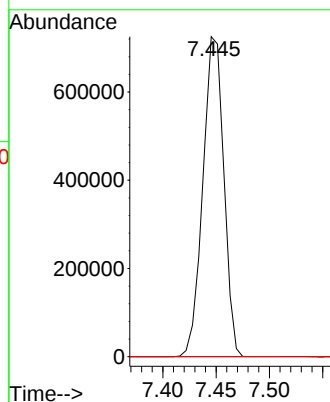
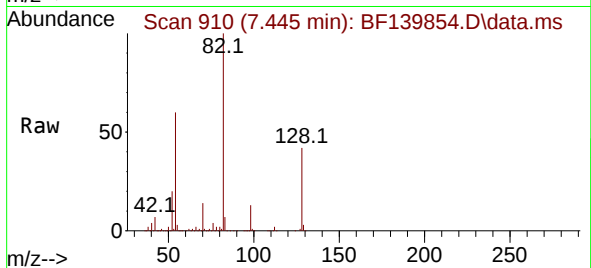




#25
Isophorone
Concen: 51.672 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

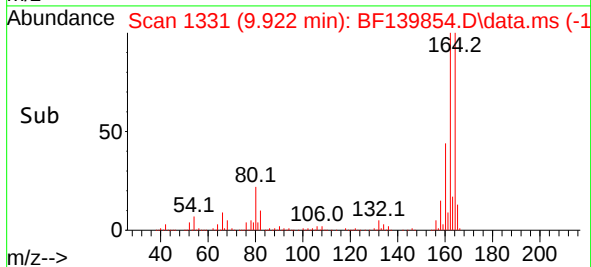
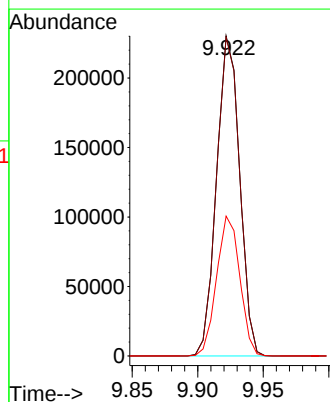
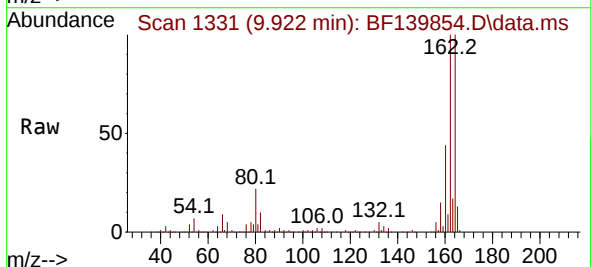
Instrument :
BNA_F
ClientSampleId :
MH-121

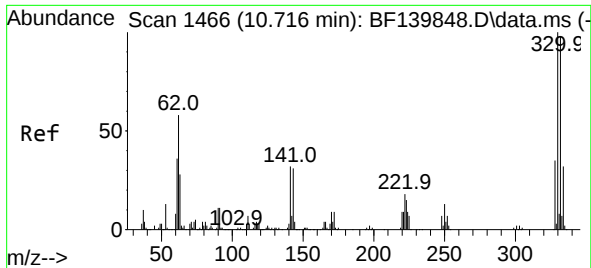
Tgt Ion: 82 Resp: 993588
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Tgt Ion: 164 Resp: 281527
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.4
160 43.7 35.4 53.0

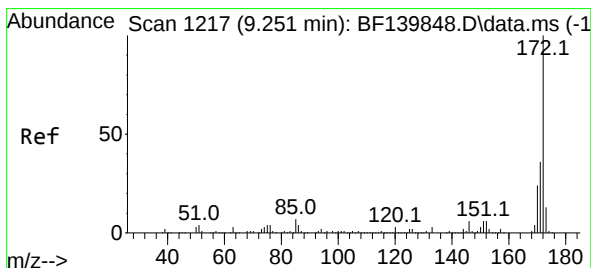
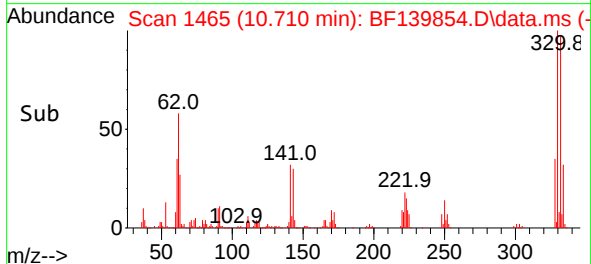
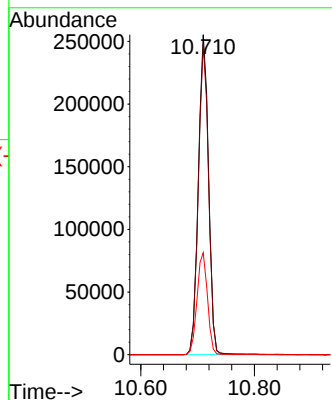
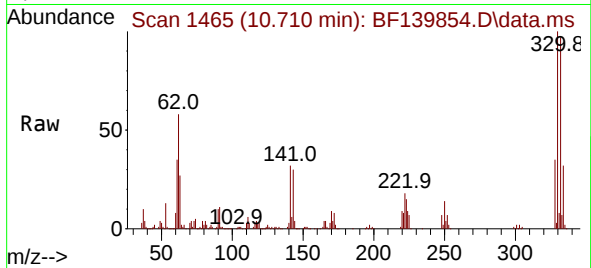




#42
2,4,6-Tribromophenol
Concen: 121.922 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

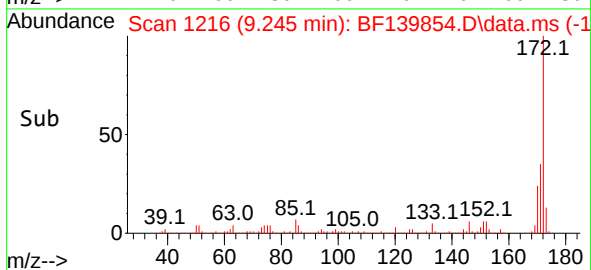
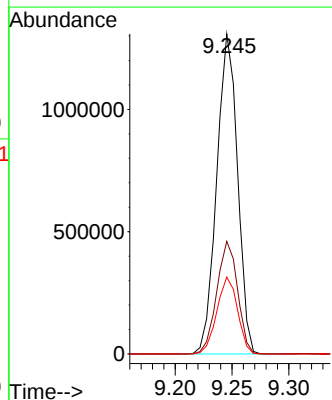
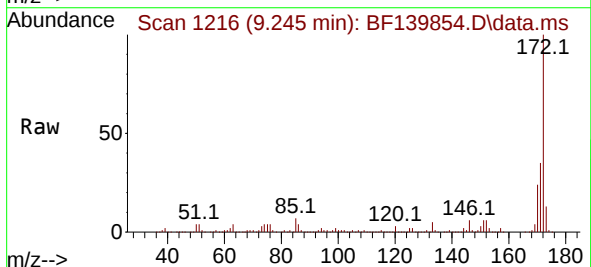
Instrument :
BNA_F
ClientSampleId :
MH-121

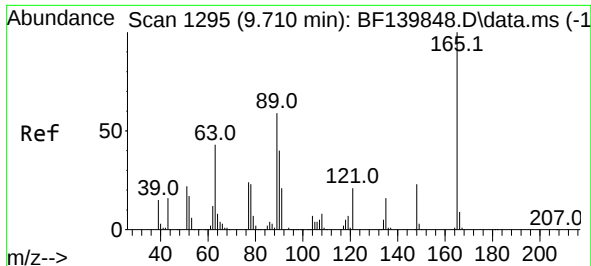
Tgt Ion: 330 Resp: 321060
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 32.5 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 98.002 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Tgt Ion: 172 Resp: 1669397
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 24.0 19.1 28.7

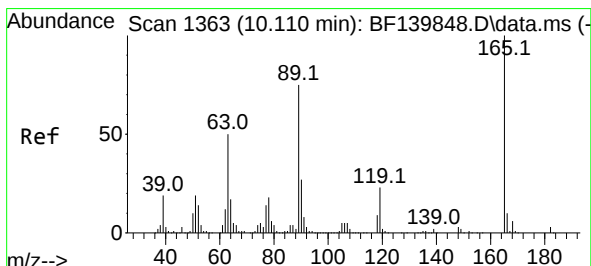
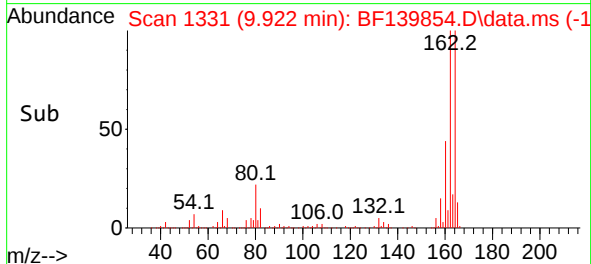
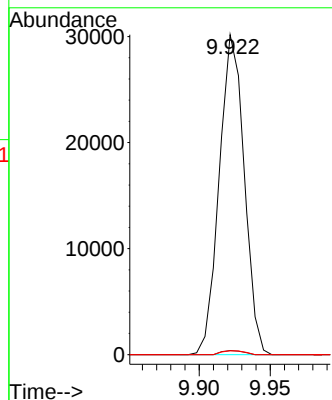
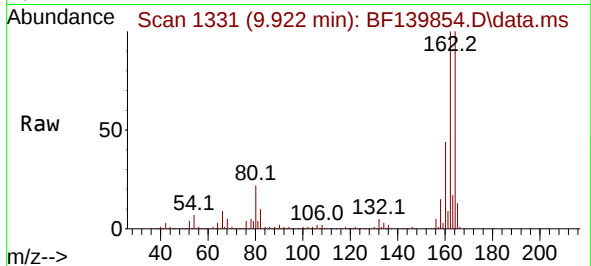




#51
2,6-Dinitrotoluene
Concen: 9.723 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

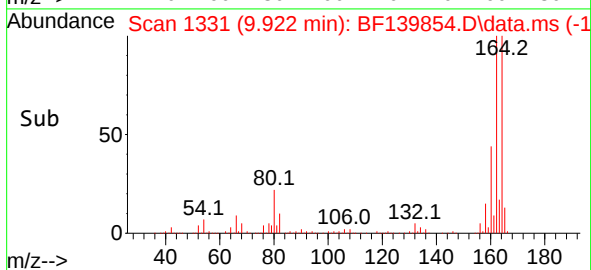
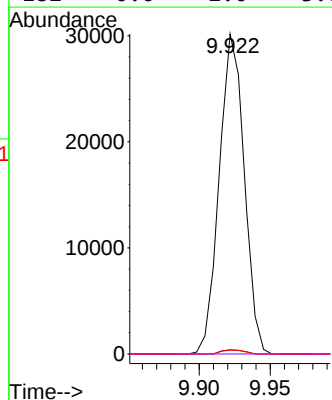
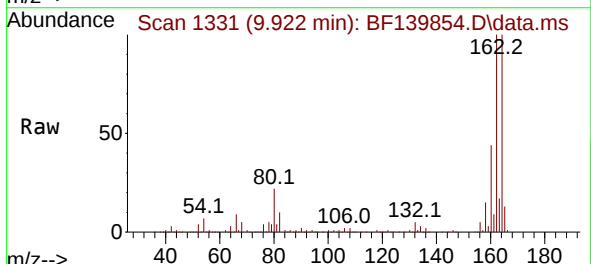
Instrument :
BNA_F
ClientSampleId :
MH-121

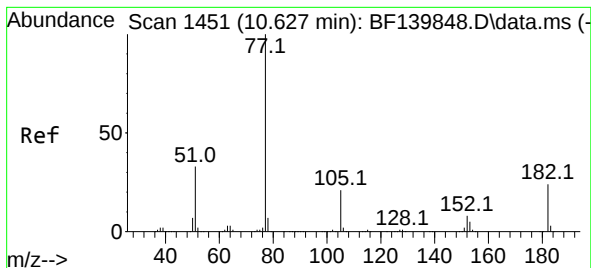
Tgt Ion:165 Resp: 36917
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.907 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Tgt Ion:165 Resp: 36917
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.033 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139854.D

Acq: 18 Oct 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MH-121

Tgt Ion: 77 Resp: 37112

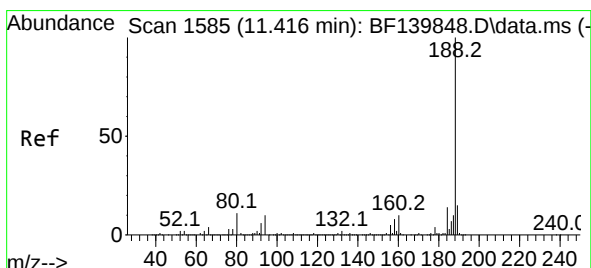
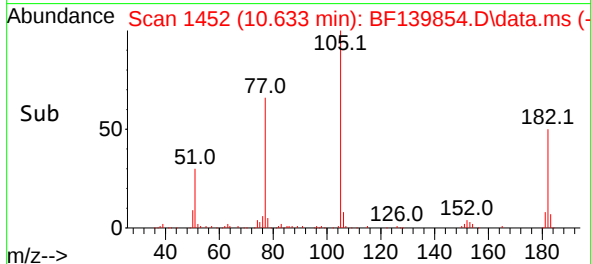
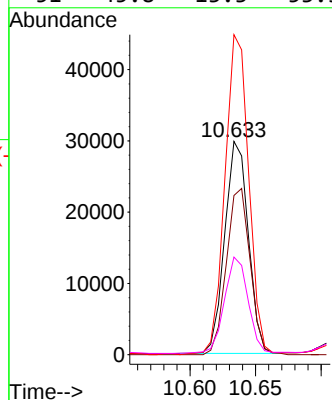
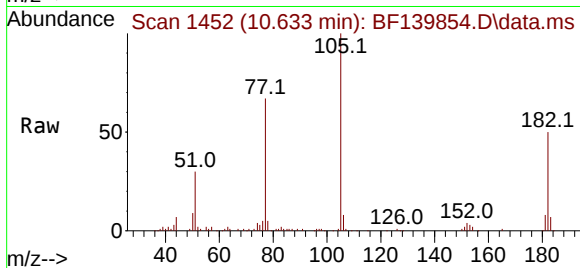
Ion Ratio Lower Upper

77 100

182 74.7 3.3 43.3#

105 150.1 1.2 41.2#

51 45.8 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139854.D

Acq: 18 Oct 2024 15:21

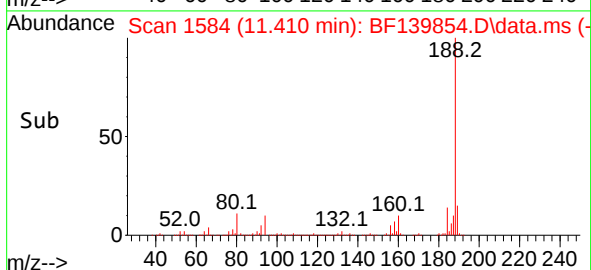
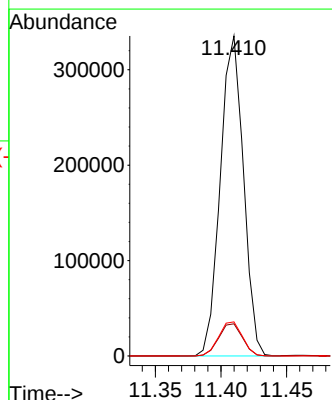
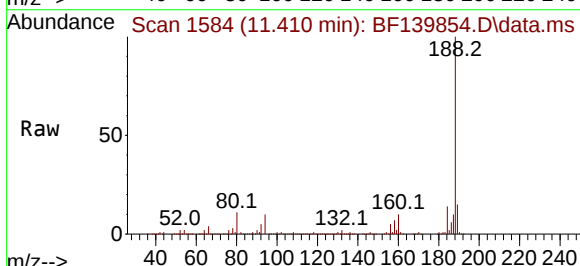
Tgt Ion:188 Resp: 411435

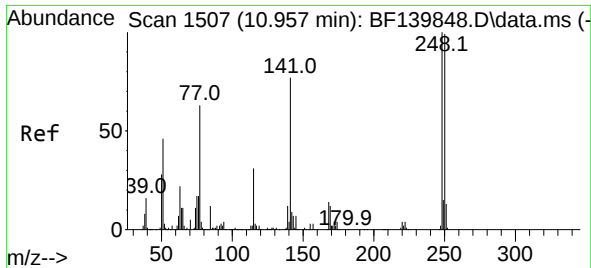
Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.7 9.0 13.4

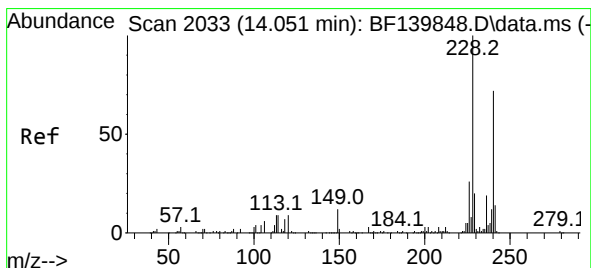
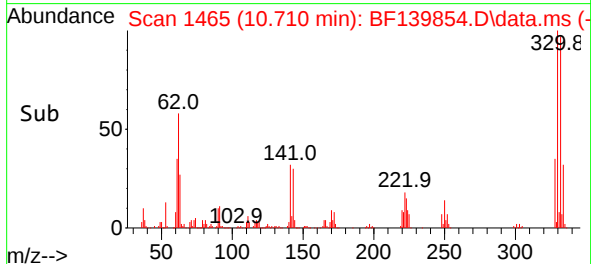
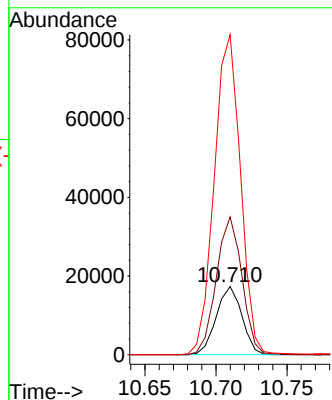
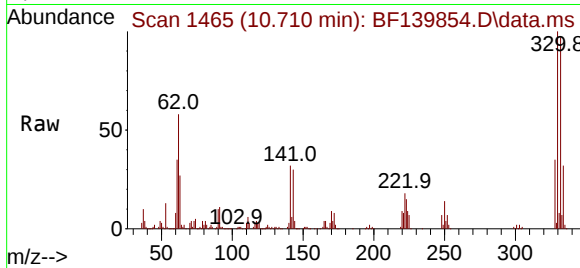




#67
4-Bromophenyl-phenylether
Concen: 5.122 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

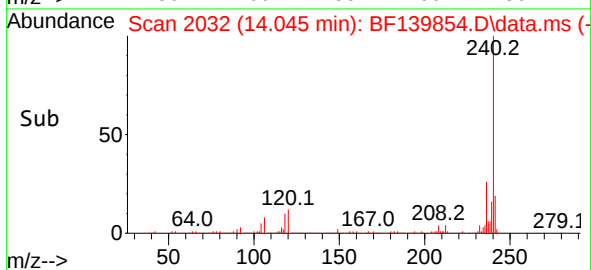
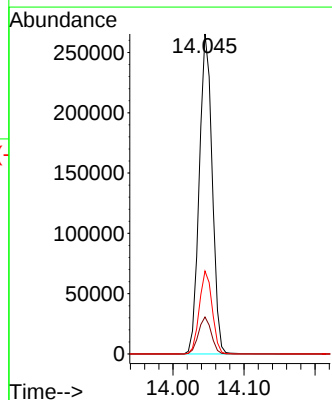
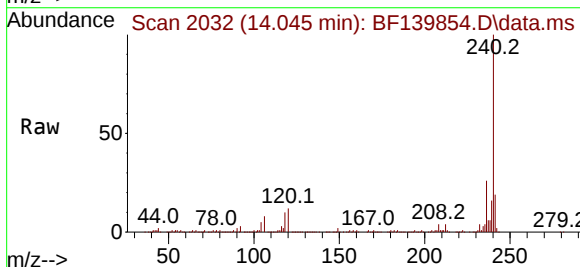
Instrument :
BNA_F
ClientSampleId :
MH-121

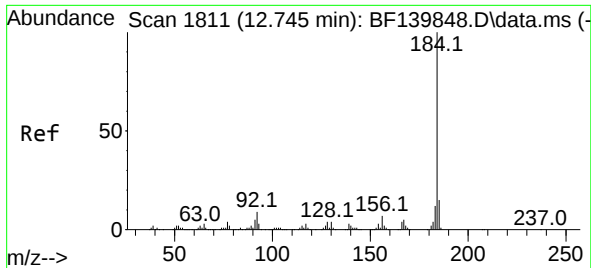
Tgt Ion:248 Resp: 21708
Ion Ratio Lower Upper
248 100
250 202.1 79.0 118.6#
141 469.5 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Tgt Ion:240 Resp: 336325
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 25.9 20.9 31.3

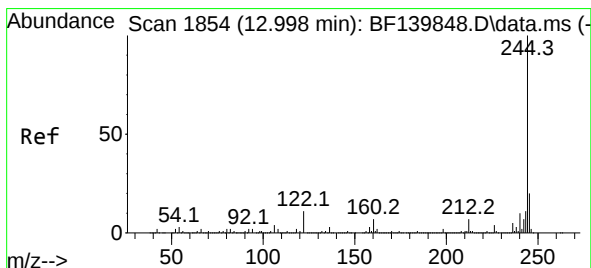
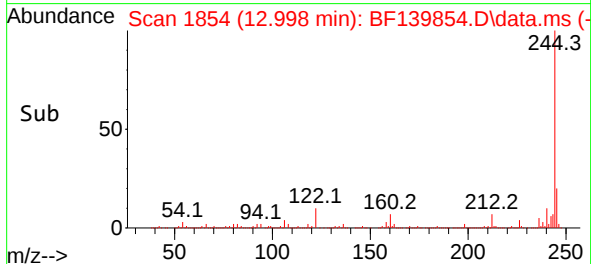
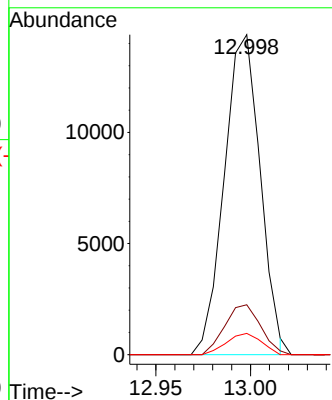
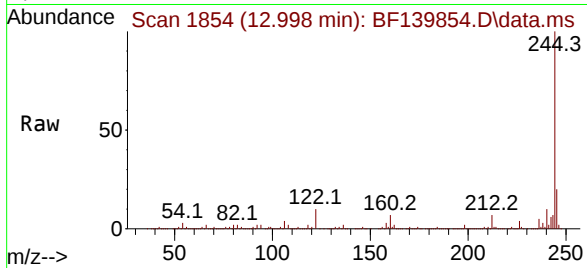




#77
Benzidine
Concen: 3.433 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

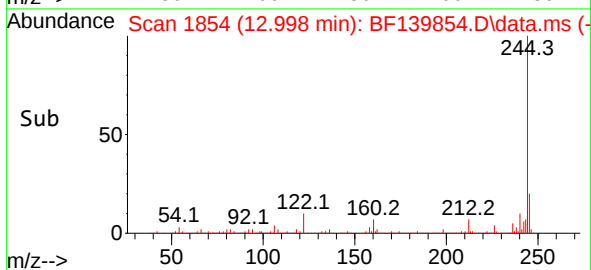
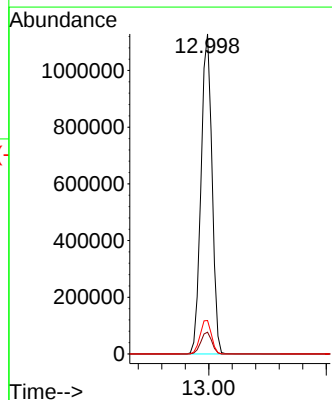
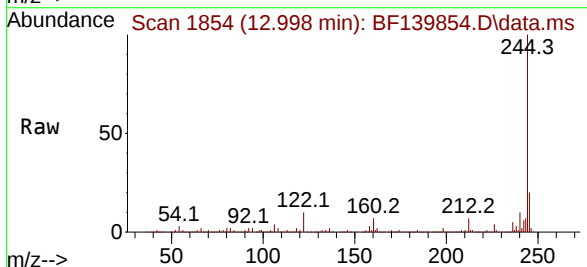
Instrument :
BNA_F
ClientSampleId :
MH-121

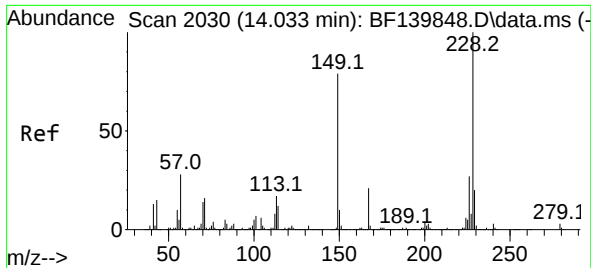
Tgt Ion:184 Resp: 18988
Ion Ratio Lower Upper
184 100
185 15.6 12.0 18.0
183 6.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 70.713 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Tgt Ion:244 Resp: 1459525
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.5 8.6 13.0

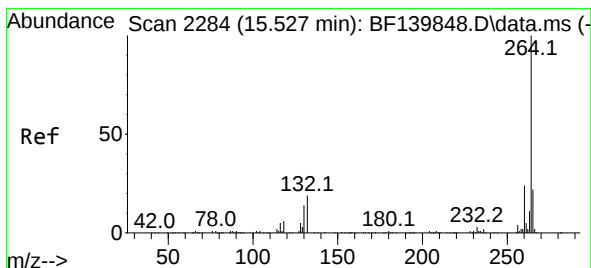
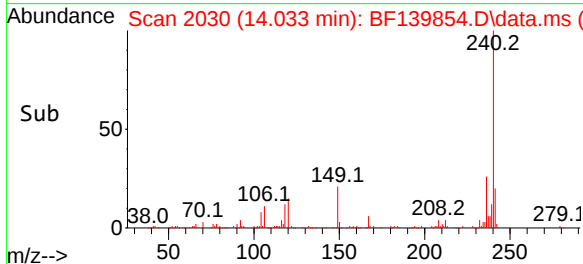
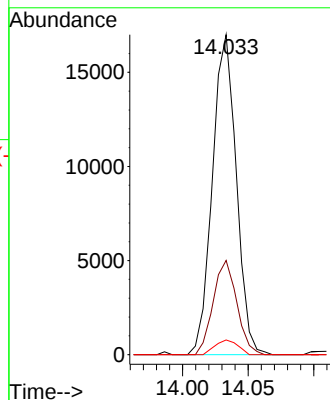
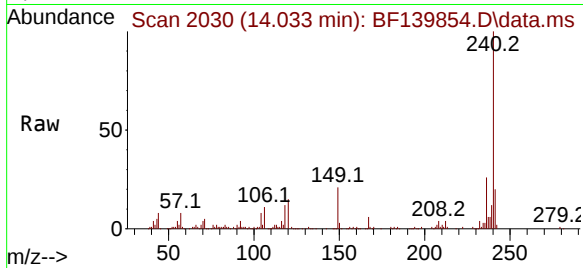




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.175 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Instrument :
BNA_F
ClientSampleId :
MH-121

Tgt Ion:149 Resp: 21540
Ion Ratio Lower Upper
149 100
167 29.5 21.4 32.0
279 4.6 3.0 4.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Tgt Ion:264 Resp: 284413
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.4 17.4 26.0

