

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140158.D
 Acq On : 30 Oct 2024 15:34
 Operator : RC/JU
 Sample : P4611-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Oct 30 16:16:47 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)

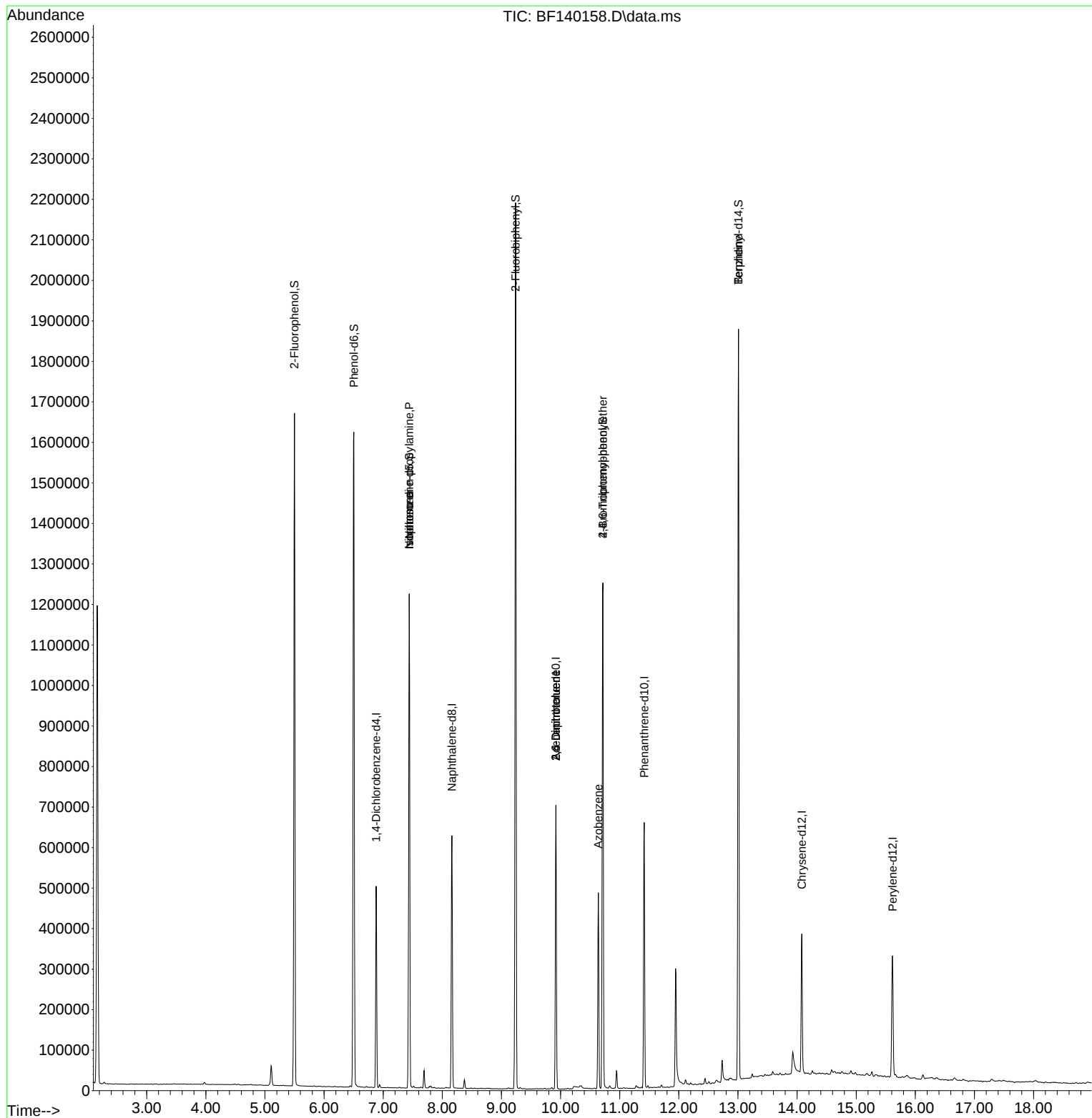
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	96176	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	368725	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	200056	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	344219	20.000	ng	0.00
76) Chrysene-d12	14.080	240	163914	20.000	ng	0.03
86) Perylene-d12	15.615	264	183585	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	581719	94.688	ng	0.00
7) Phenol-d6	6.504	99	760739	95.608	ng	0.00
23) Nitrobenzene-d5	7.439	82	527871	79.345	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	207590	110.936	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	946865	78.222	ng	-0.01
79) Terphenyl-d14	13.010	244	924763	91.931	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	73560	15.243	ng	# 77
25) Isophorone	7.439	82	525374	41.607	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	25412	9.419	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	25412	7.659	ng	# 21
63) Azobenzene	10.639	77	121710	9.383	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	13665	3.854	ng	# 1
77) Benzidine	13.010	184	12359	4.585	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140158.D
Acq On : 30 Oct 2024 15:34
Operator : RC/JU
Sample : P4611-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Time: Oct 30 16:16:47 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

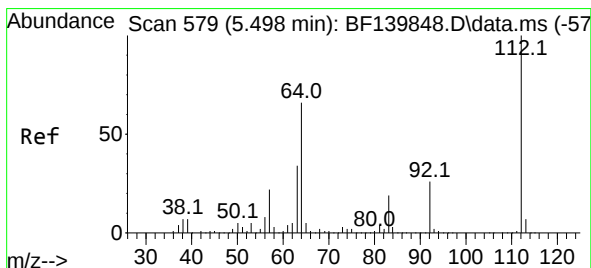
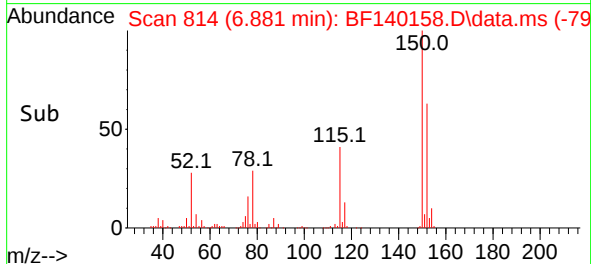
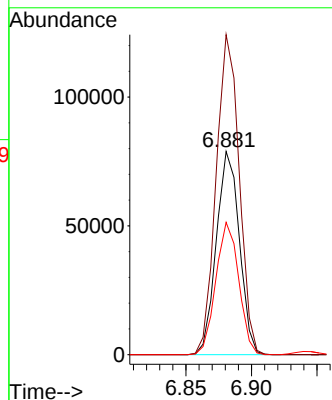
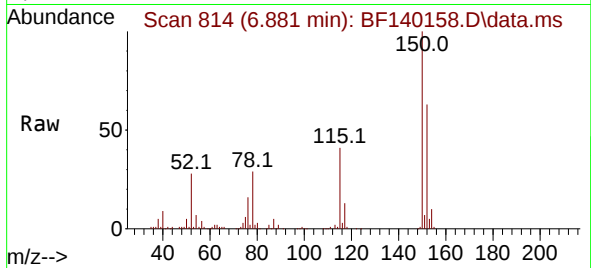




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

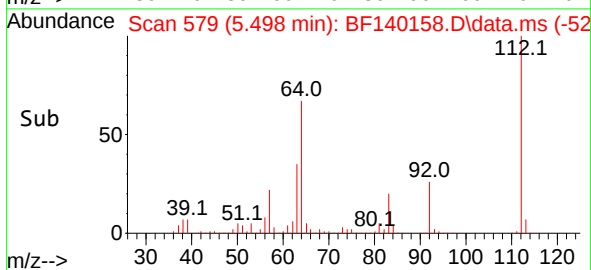
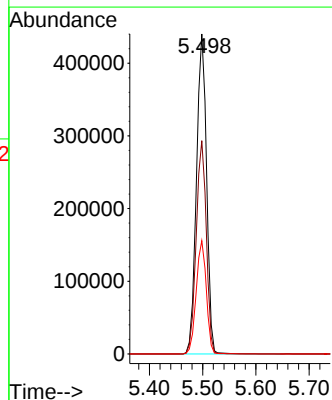
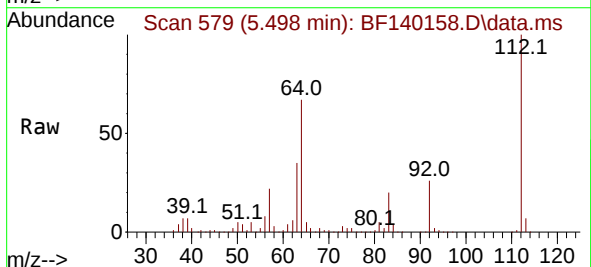
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 96176
Ion Ratio Lower Upper
152 100
150 157.5 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 94.688 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

Tgt Ion:112 Resp: 581719
Ion Ratio Lower Upper
112 100
64 66.6 53.0 79.6
63 35.4 27.0 40.4



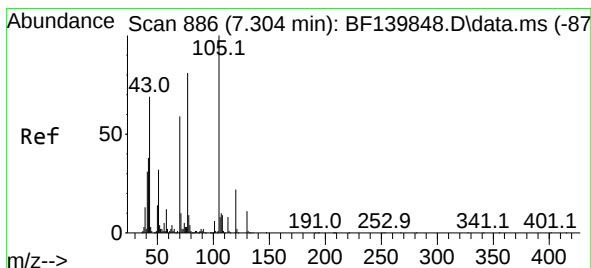
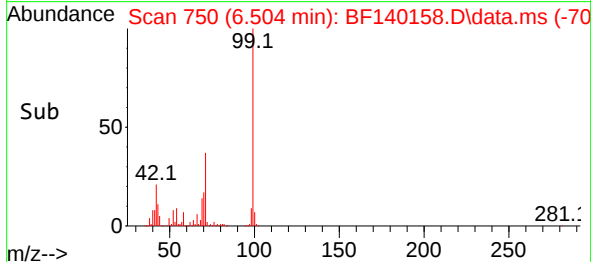
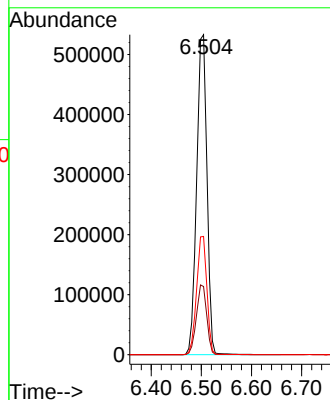
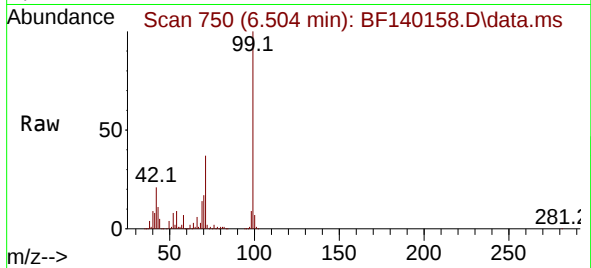


#7
Phenol-d6
Concen: 95.608 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 760739

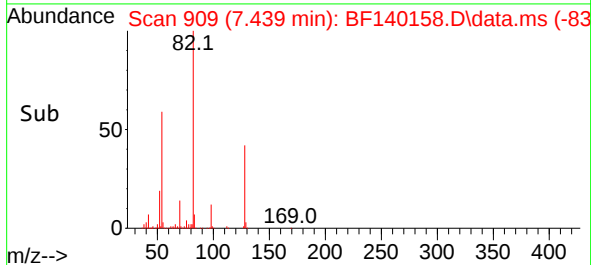
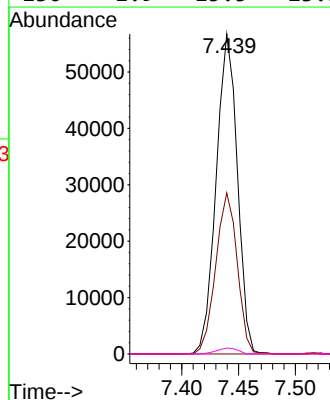
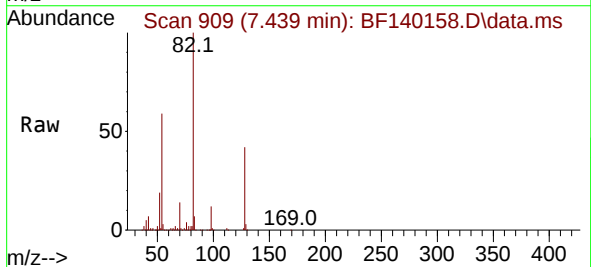
Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.7	25.1
71	36.9	27.7	41.5

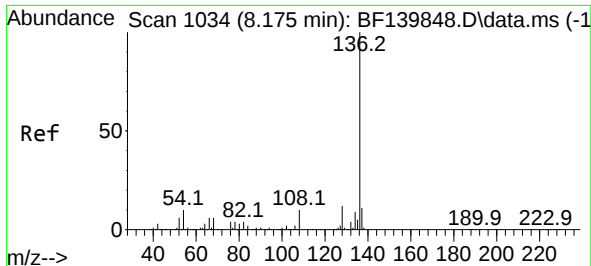


#19
n-Nitroso-di-n-propylamine
Concen: 15.243 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

Tgt Ion: 70 Resp: 73560

Ion	Ratio	Lower	Upper
70	100		
42	50.4	51.5	77.3#
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#



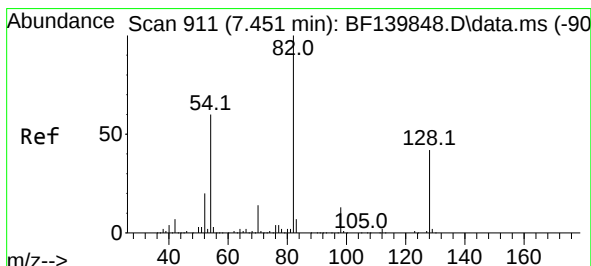
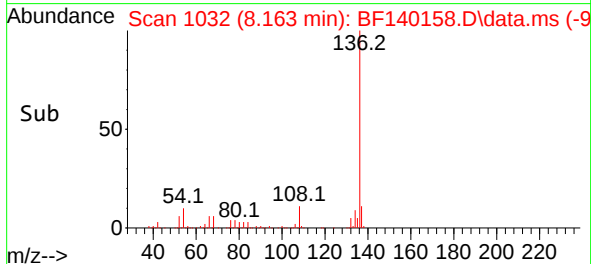
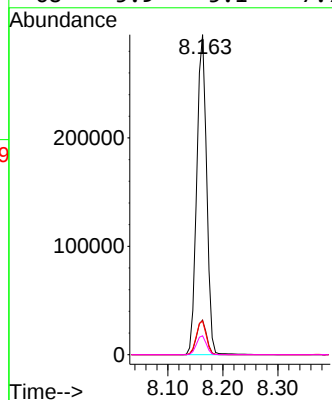
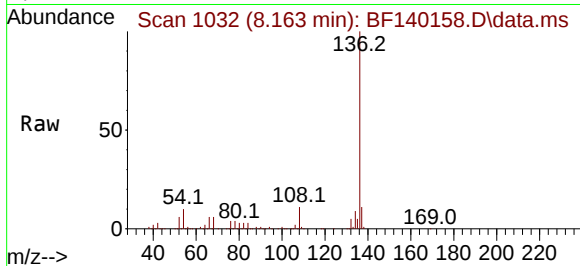


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:136 Resp: 368725

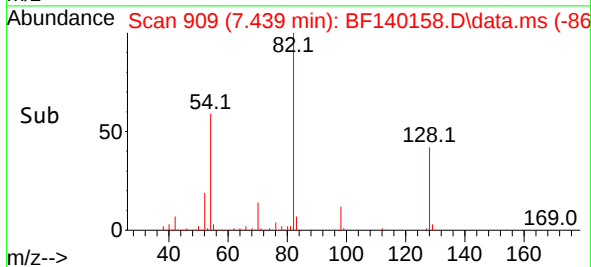
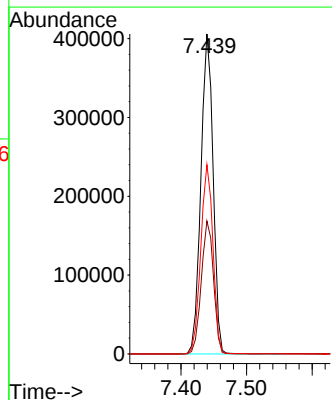
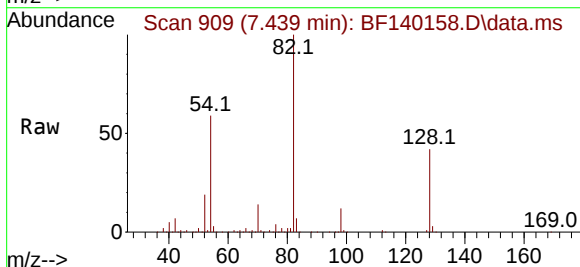
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.5	8.4	12.6
68	5.9	5.1	7.7

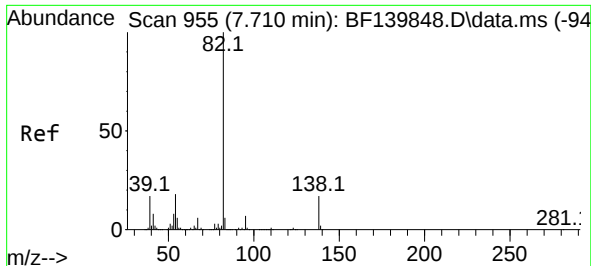


#23
Nitrobenzene-d5
Concen: 79.345 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

Tgt Ion: 82 Resp: 527871

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.0
54	59.2	47.8	71.8

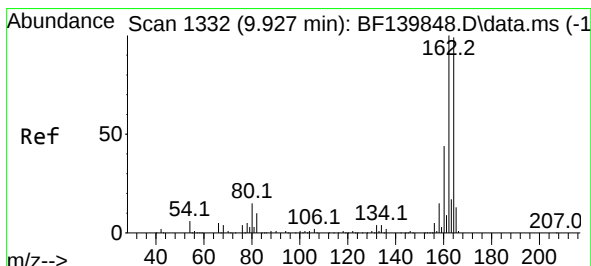
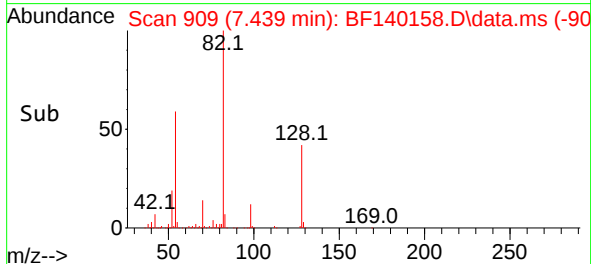
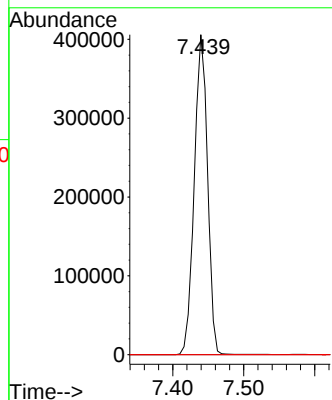
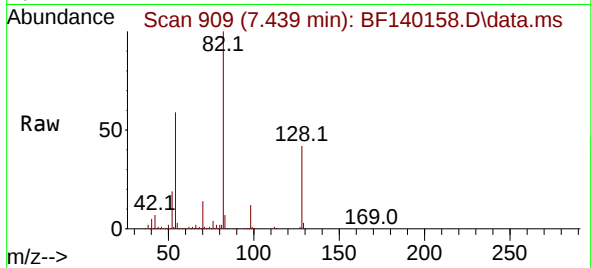




#25
Isophorone
Concen: 41.607 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.270 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

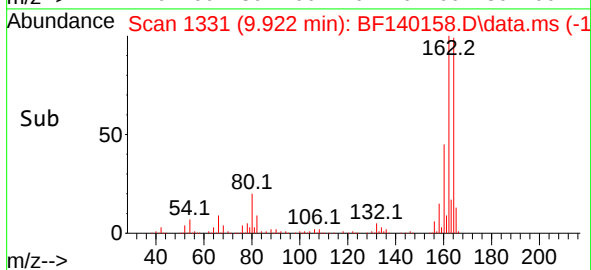
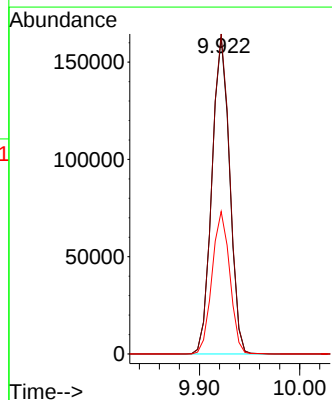
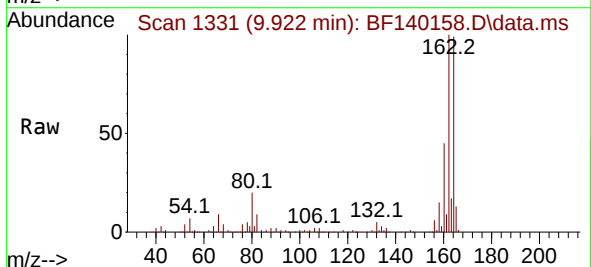
Instrument :
BNA_F
ClientSampleId :
TP-5

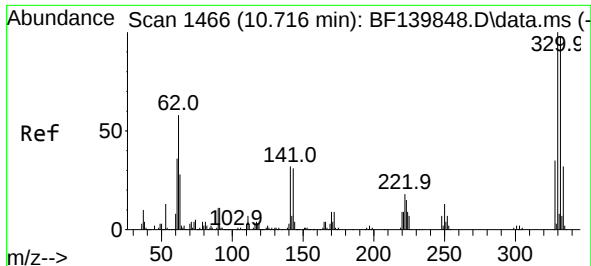
Tgt Ion: 82 Resp: 525374
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

Tgt Ion:164 Resp: 200056
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 110.936 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140158.D

Acq: 30 Oct 2024 15:34

Instrument :

BNA_F

ClientSampleId :

TP-5

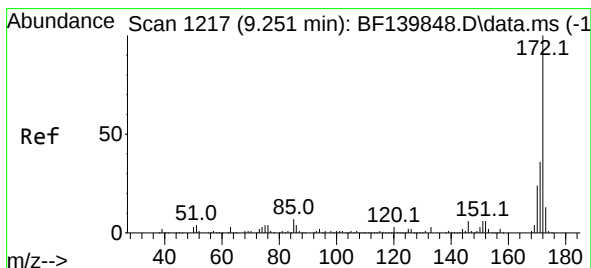
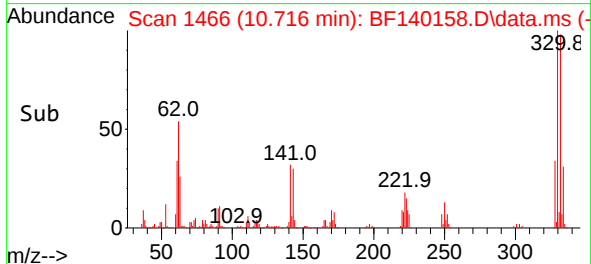
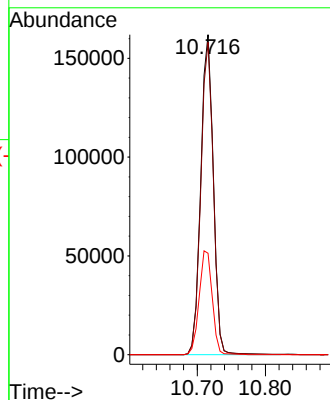
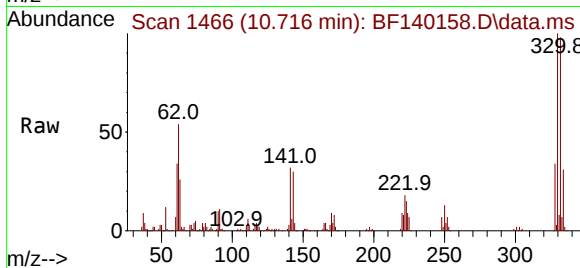
Tgt Ion:330 Resp: 207590

Ion Ratio Lower Upper

330 100

332 97.4 78.1 117.1

141 33.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 78.222 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140158.D

Acq: 30 Oct 2024 15:34

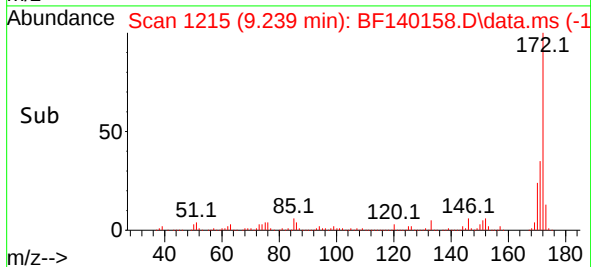
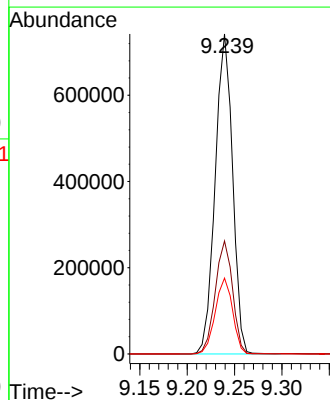
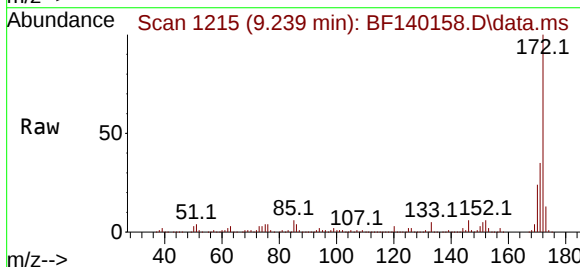
Tgt Ion:172 Resp: 946865

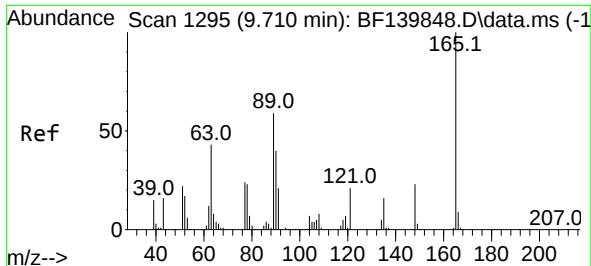
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.7 19.1 28.7

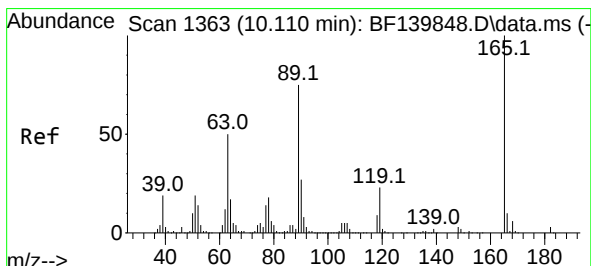
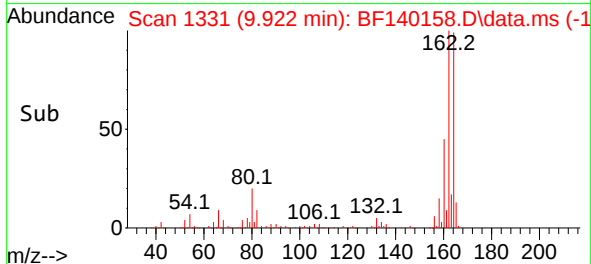
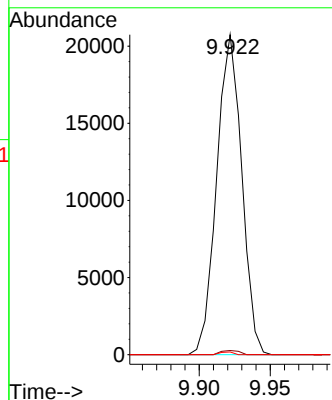
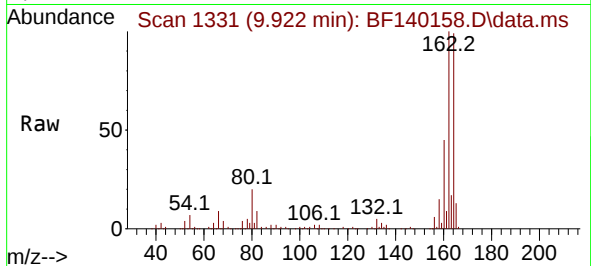




#51
2,6-Dinitrotoluene
Concen: 9.419 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

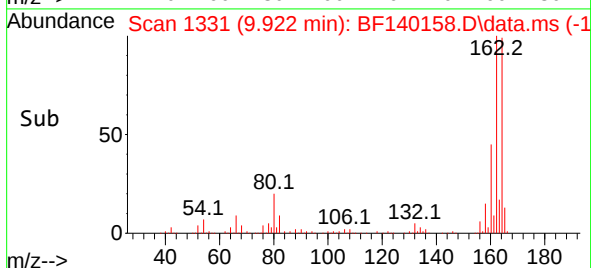
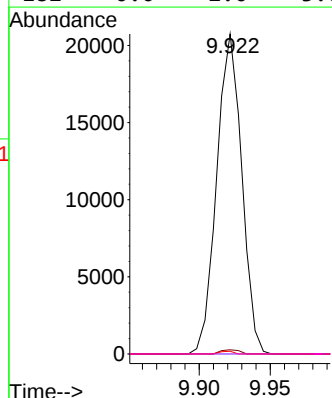
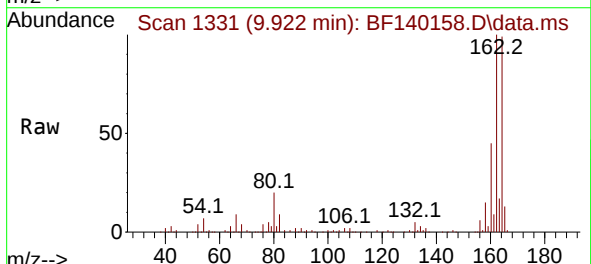
Instrument :
BNA_F
ClientSampleId :
TP-5

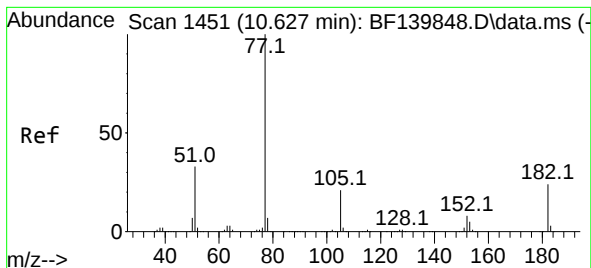
Tgt Ion:165 Resp: 25412
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 0.9 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.659 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

Tgt Ion:165 Resp: 25412
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 0.9 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 9.383 ng

RT: 10.639 min Scan# 1451

Delta R.T. 0.012 min

Lab File: BF140158.D

Acq: 30 Oct 2024 15:34

Instrument :

BNA_F

ClientSampleId :

TP-5

Tgt Ion: 77 Resp: 121710

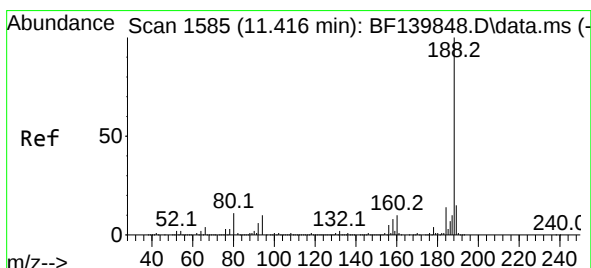
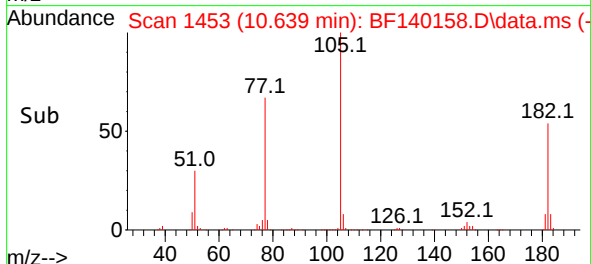
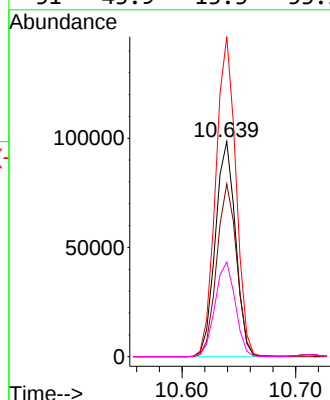
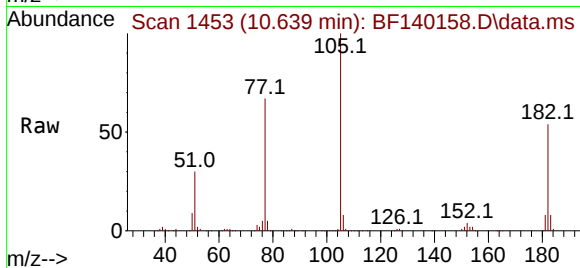
Ion Ratio Lower Upper

77 100

182 80.3 3.3 43.3#

105 148.8 1.2 41.2#

51 43.9 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF140158.D

Acq: 30 Oct 2024 15:34

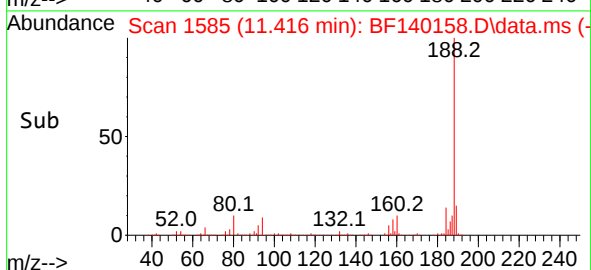
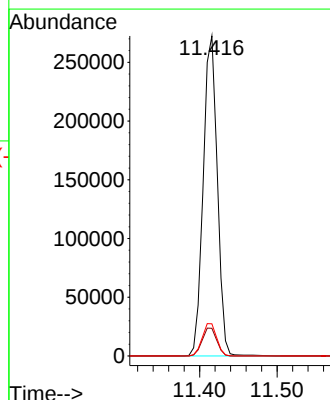
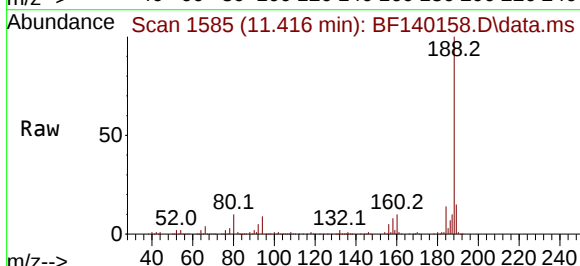
Tgt Ion: 188 Resp: 344219

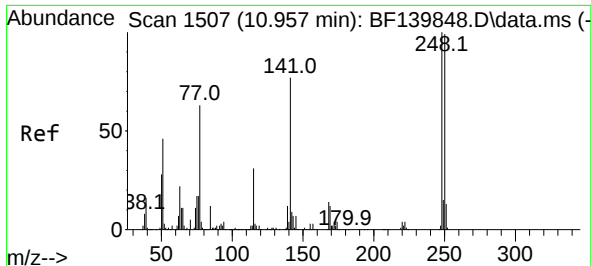
Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

80 10.0 9.0 13.4





#67

4-Bromophenyl-phenylether

Concen: 3.854 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF140158.D

Acq: 30 Oct 2024 15:34

Instrument :

BNA_F

ClientSampleId :

TP-5

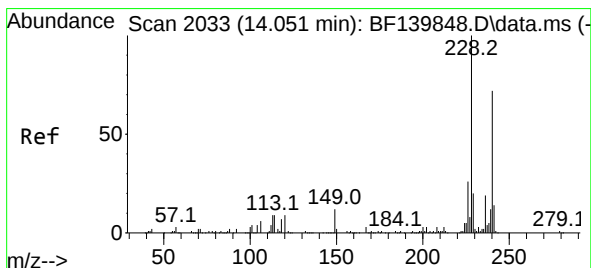
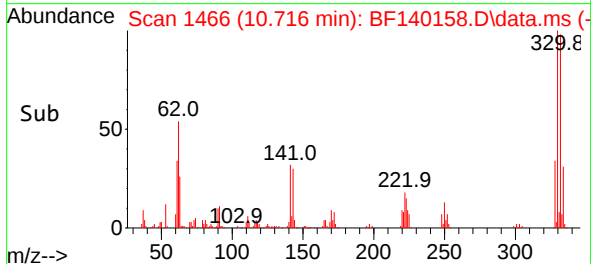
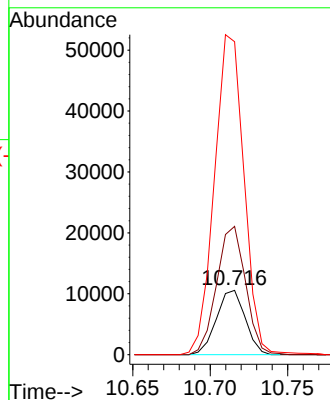
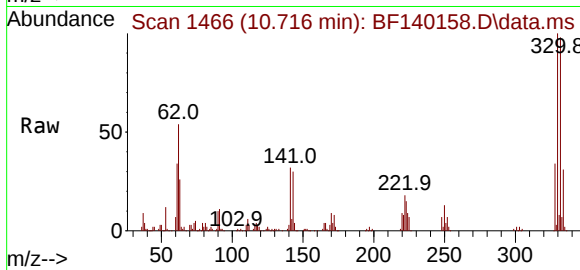
Tgt Ion:248 Resp: 13665

Ion Ratio Lower Upper

248 100

250 199.4 79.0 118.6#

141 486.2 61.7 92.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.030 min

Lab File: BF140158.D

Acq: 30 Oct 2024 15:34

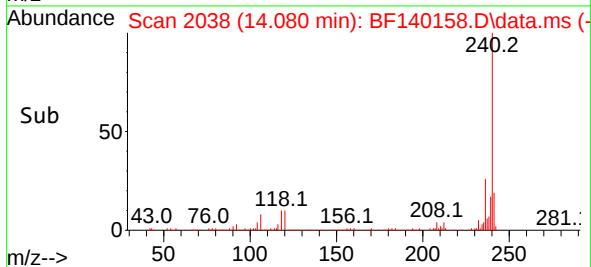
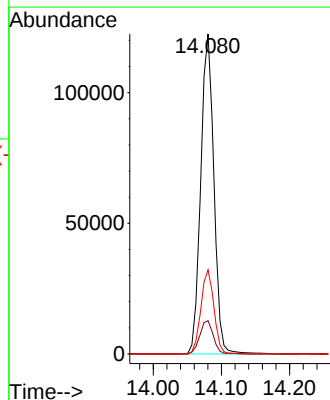
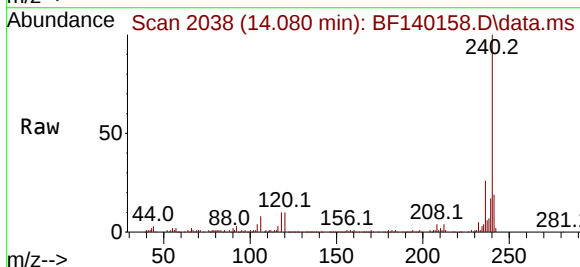
Tgt Ion:240 Resp: 163914

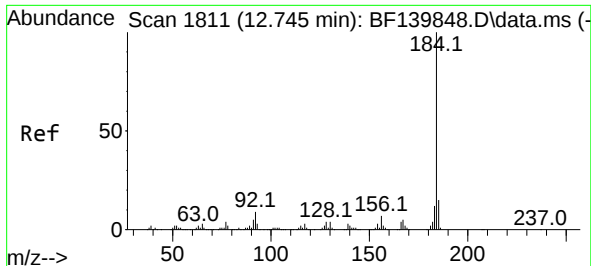
Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 26.3 20.9 31.3

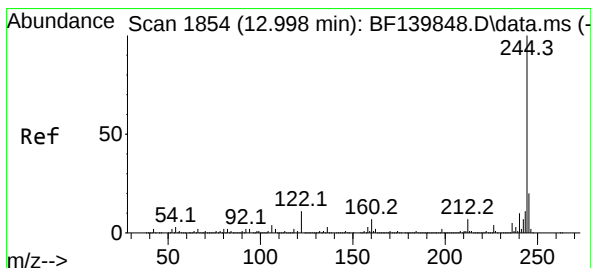
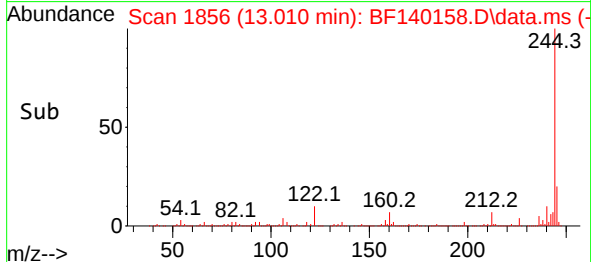
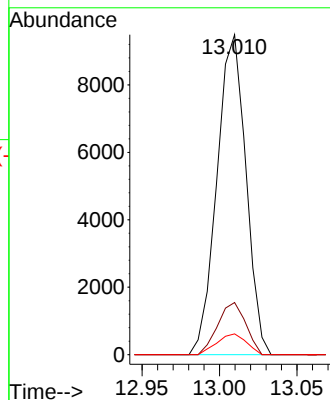
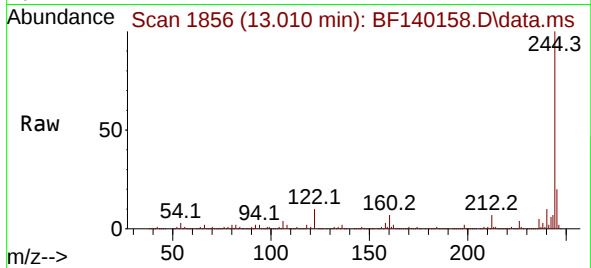




#77
Benzidine
Concen: 4.585 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.265 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

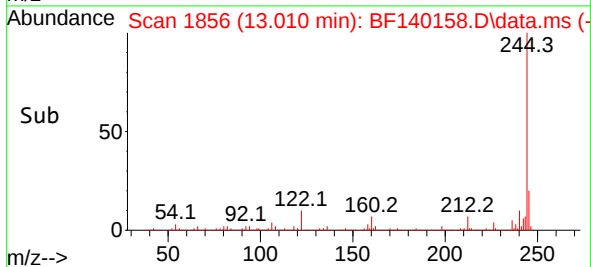
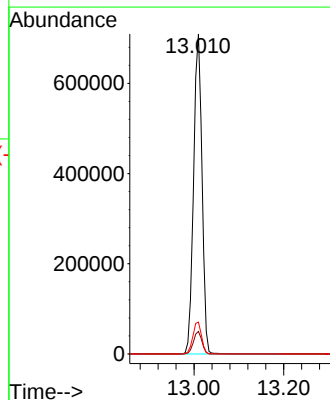
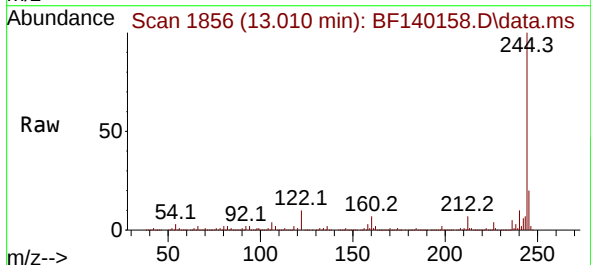
Instrument :
BNA_F
ClientSampleId :
TP-5

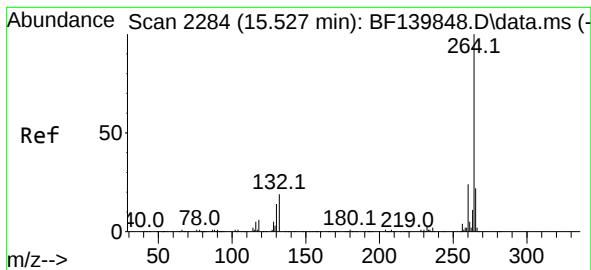
Tgt Ion:184 Resp: 12359
Ion Ratio Lower Upper
184 100
185 16.3 12.0 18.0
183 6.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 91.931 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.012 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

Tgt Ion:244 Resp: 924763
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.9 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF140158.D
Acq: 30 Oct 2024 15:34

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:264 Resp: 183585
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.6 17.4 26.0

