

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139878.D
 Acq On : 19 Oct 2024 18:18
 Operator : RC/JU
 Sample : P4425-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Oct 21 01:42:39 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)

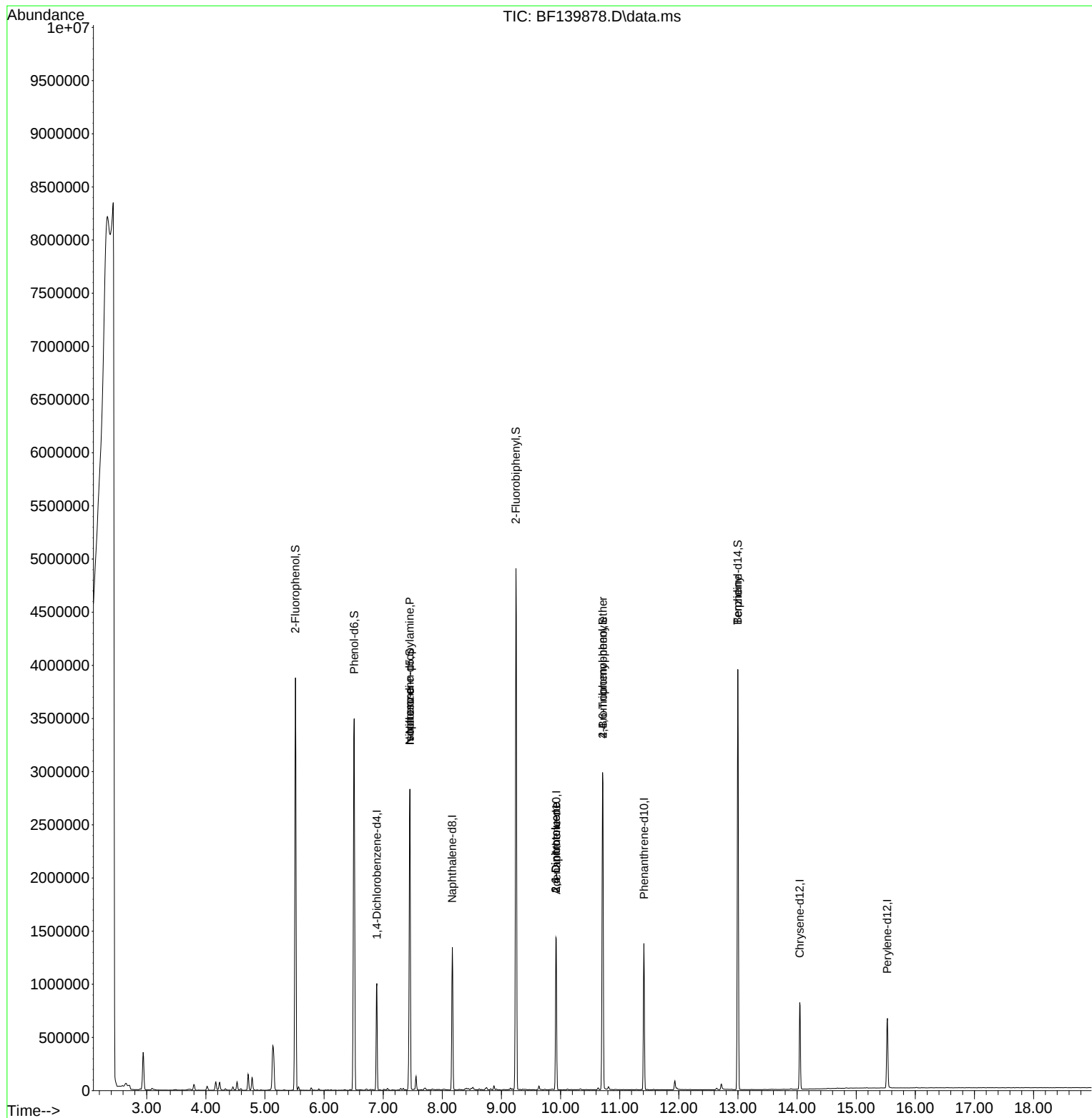
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	205805	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	797916	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	434693	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	696781	20.000	ng	0.00
76) Chrysene-d12	14.045	240	383604	20.000	ng	0.00
86) Perylene-d12	15.527	264	380773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1482632	112.779	ng	0.02
7) Phenol-d6	6.510	99	1794080	105.369	ng	0.00
23) Nitrobenzene-d5	7.451	82	1294650	89.927	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	544366	133.883	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2213967	84.175	ng	0.00
79) Terphenyl-d14	12.998	244	1964458	83.447	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	177882	17.226	ng	Qvalue # 78
25) Isophorone	7.451	82	1292661	47.307	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	56001	9.552	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	56001	7.768	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	35246	4.910	ng	# 1
77) Benzidine	12.998	184	24834	3.937	ng	# 92

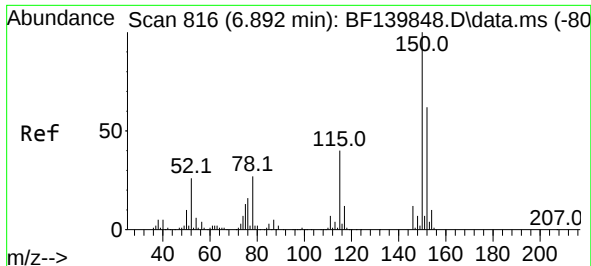
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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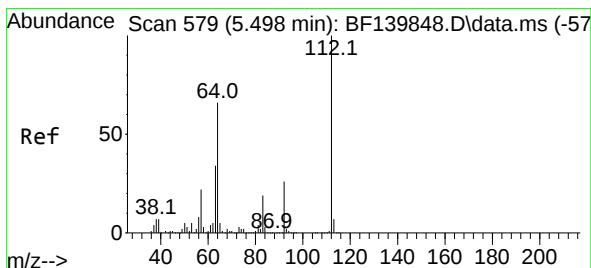
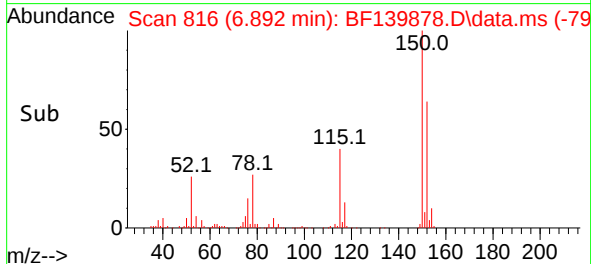
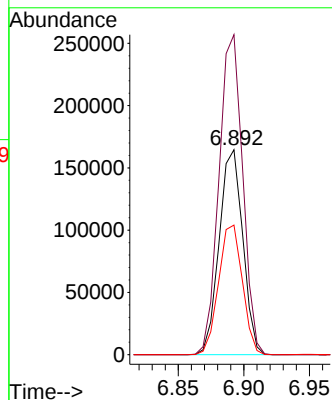
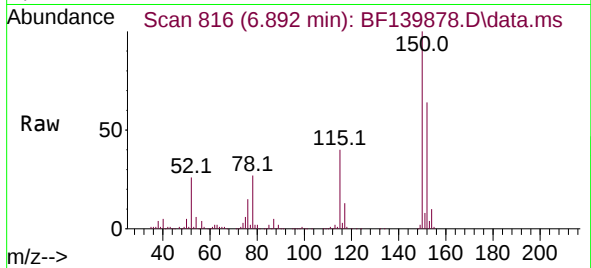




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

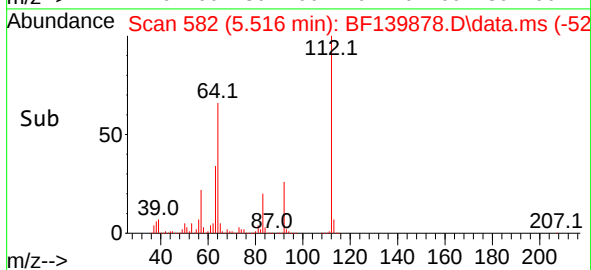
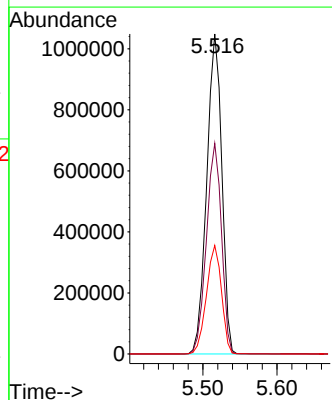
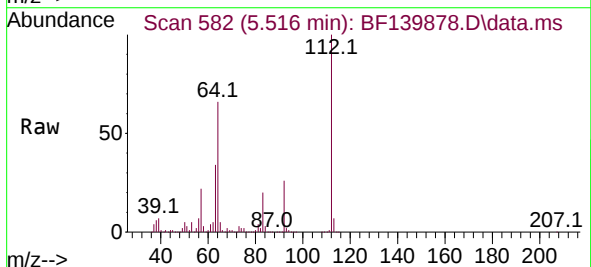
Instrument :
BNA_F
ClientSampleId :
TP-4

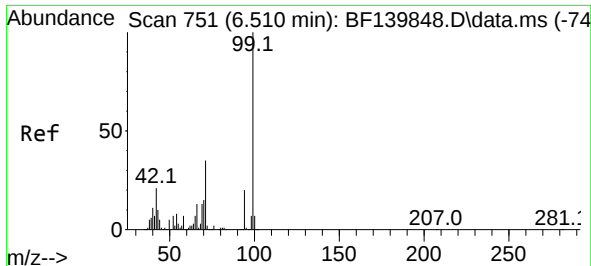
Tgt Ion:152 Resp: 205805
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.2
115 63.2 51.4 77.2



#5
2-Fluorophenol
Concen: 112.779 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

Tgt Ion:112 Resp: 1482632
Ion Ratio Lower Upper
112 100
64 65.8 53.0 79.6
63 33.9 27.0 40.4

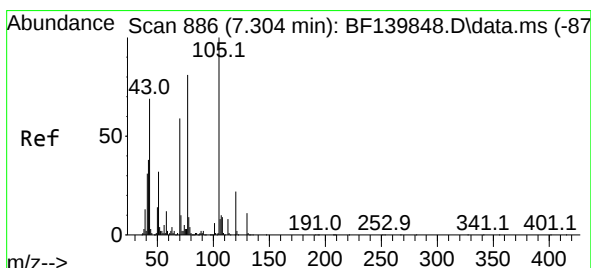
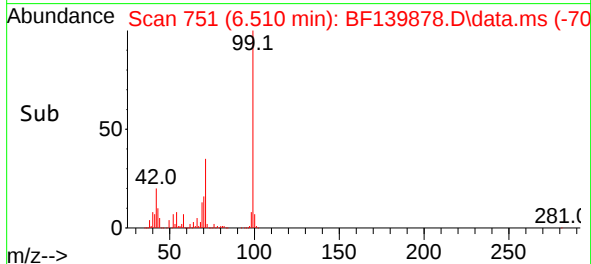
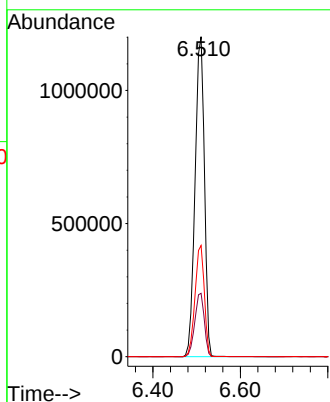
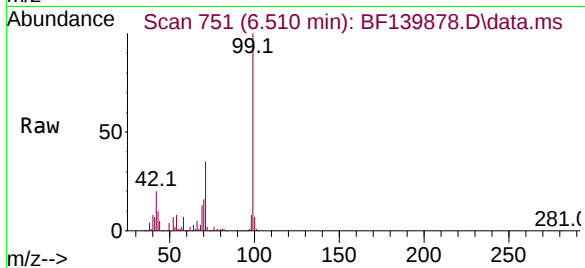




#7
Phenol-d6
Concen: 105.369 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

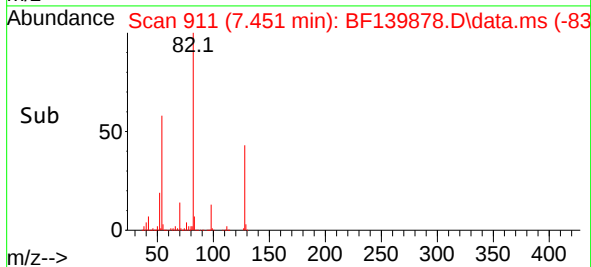
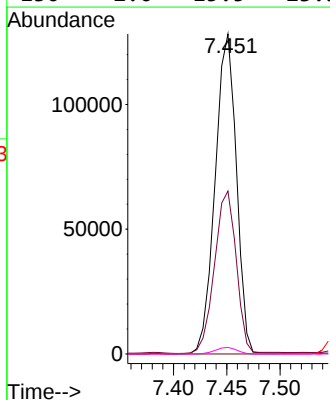
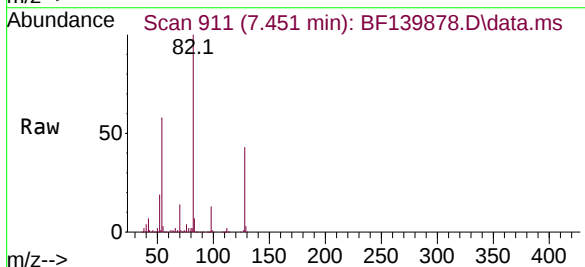
Instrument :
BNA_F
ClientSampleId :
TP-4

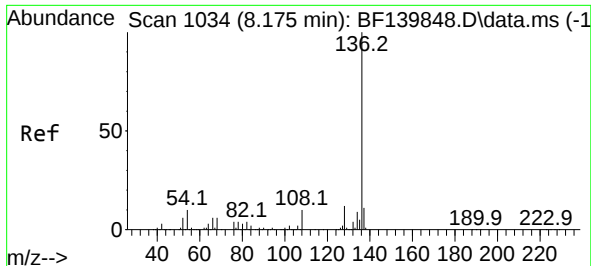
Tgt Ion: 99 Resp: 1794080
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 34.7 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.226 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

Tgt Ion: 70 Resp: 177882
Ion Ratio Lower Upper
70 100
42 50.9 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



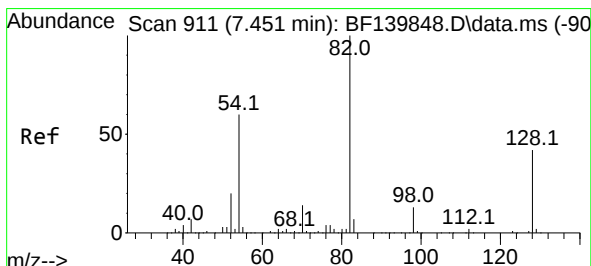
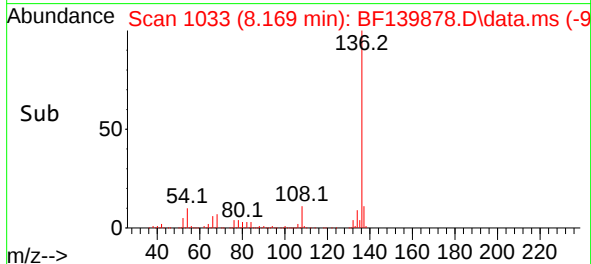
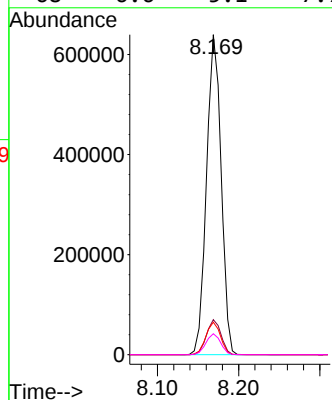
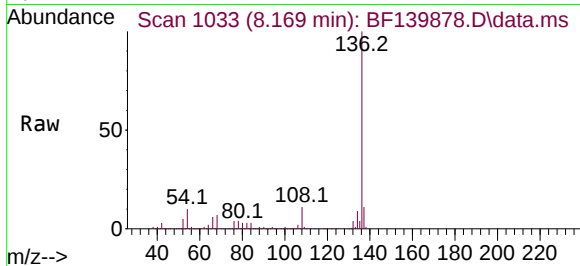


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:136 Resp: 797916

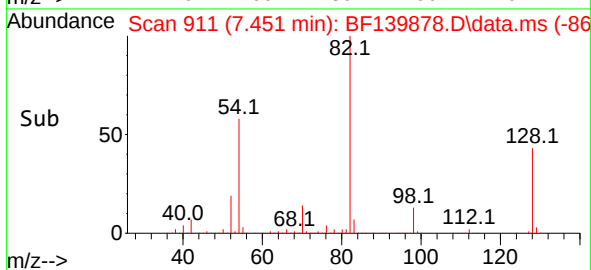
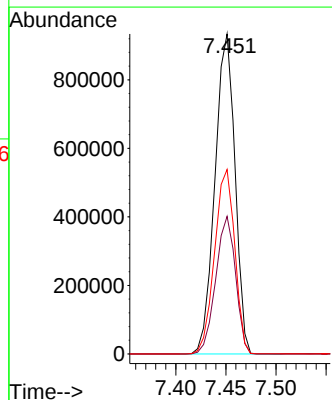
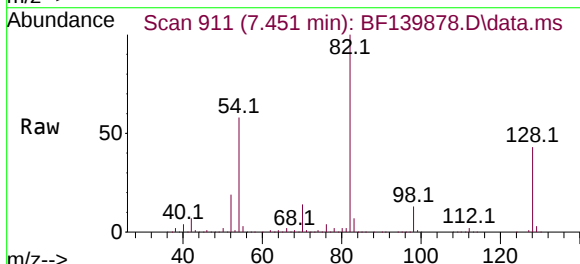
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.2	8.4	12.6
68	6.6	5.1	7.7

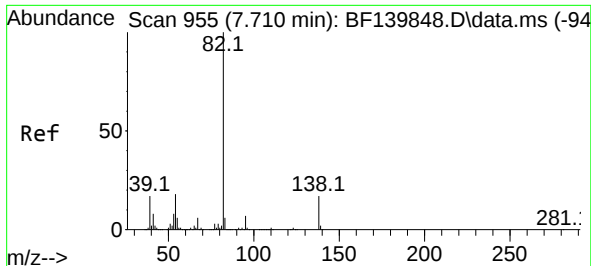


#23
Nitrobenzene-d5
Concen: 89.927 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

Tgt Ion: 82 Resp: 1294650

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	57.7	47.8	71.8

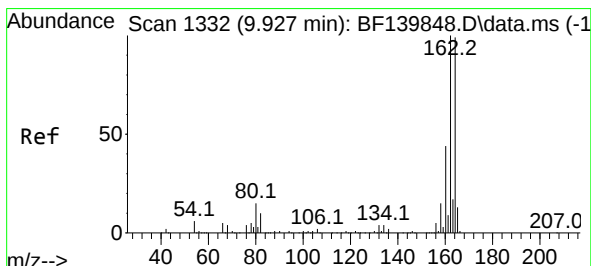
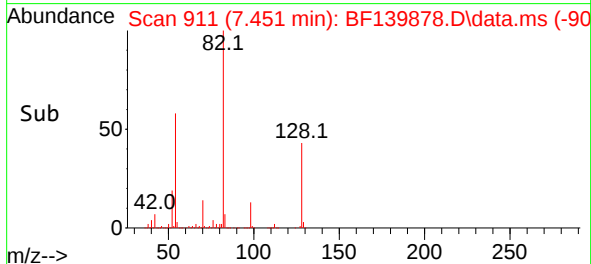
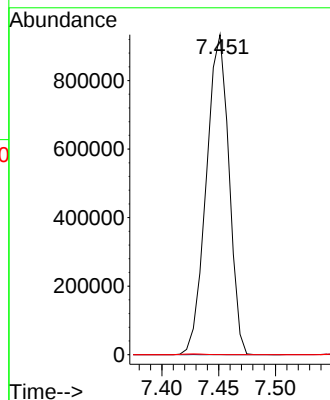
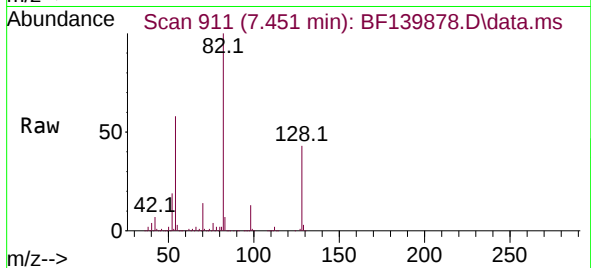




#25
Isophorone
Concen: 47.307 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

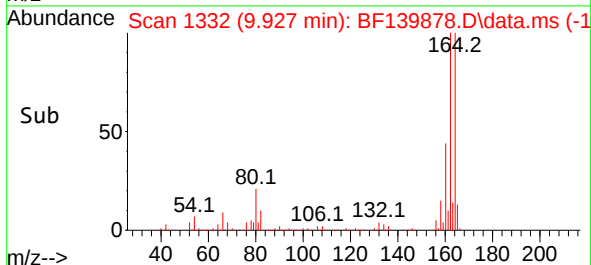
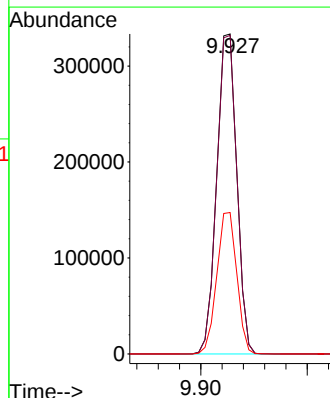
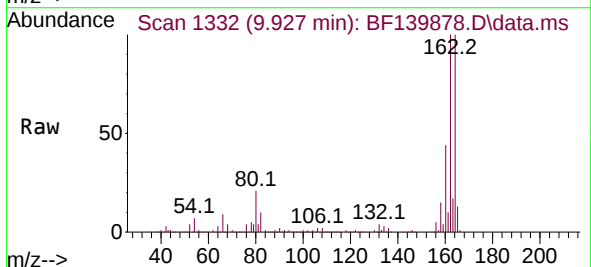
Instrument :
BNA_F
ClientSampleId :
TP-4

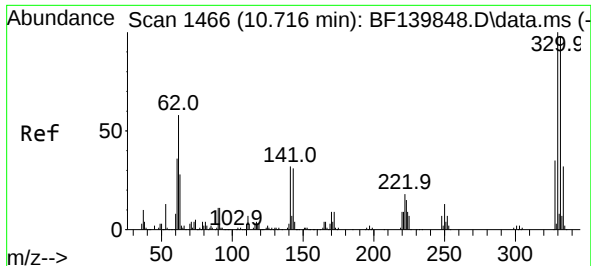
Tgt Ion: 82 Resp: 1292661
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

Tgt Ion: 164 Resp: 434693
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.4
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 133.883 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139878.D

Acq: 19 Oct 2024 18:18

Instrument :

BNA_F

ClientSampleId :

TP-4

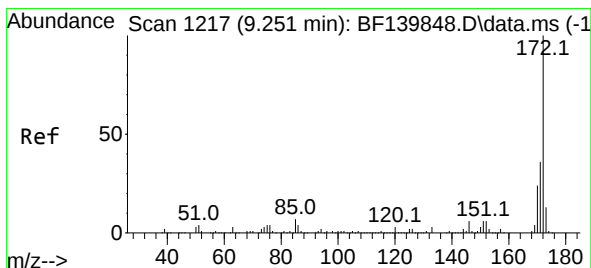
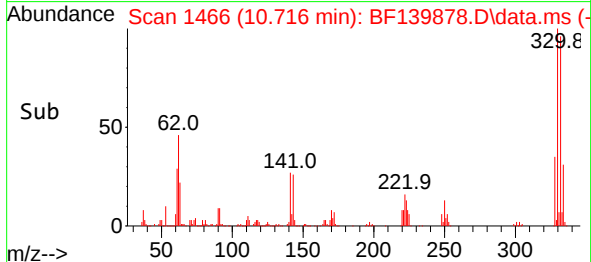
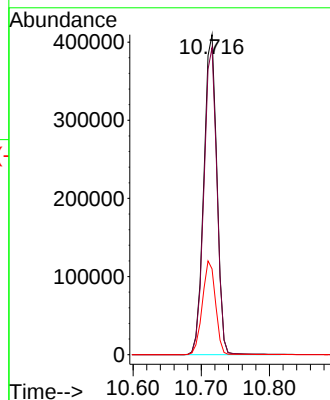
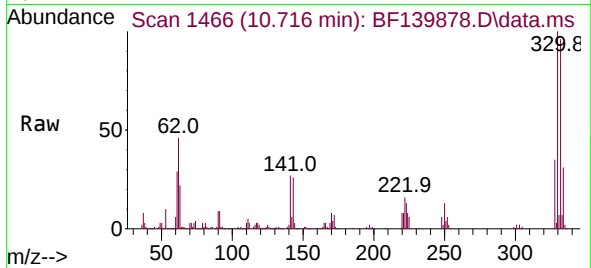
Tgt Ion:330 Resp: 544366

Ion Ratio Lower Upper

330 100

332 95.9 78.1 117.1

141 29.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 84.175 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139878.D

Acq: 19 Oct 2024 18:18

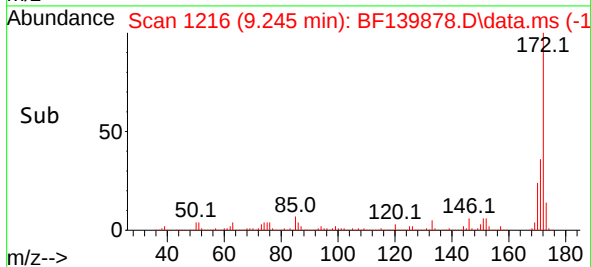
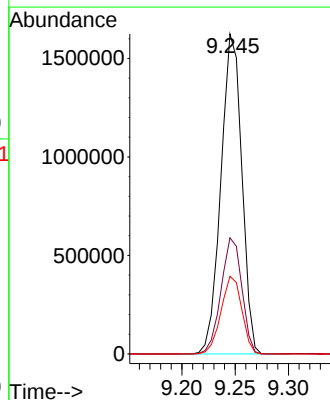
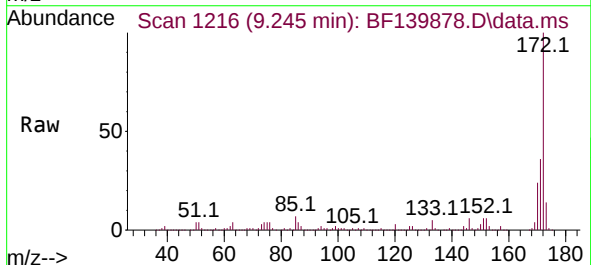
Tgt Ion:172 Resp: 2213967

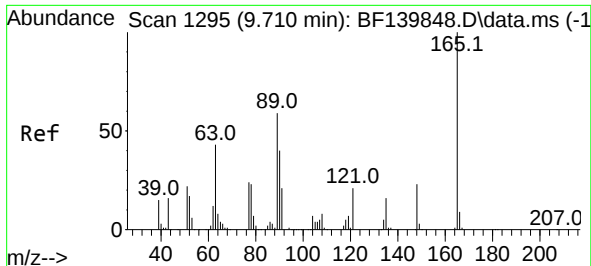
Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 24.3 19.1 28.7

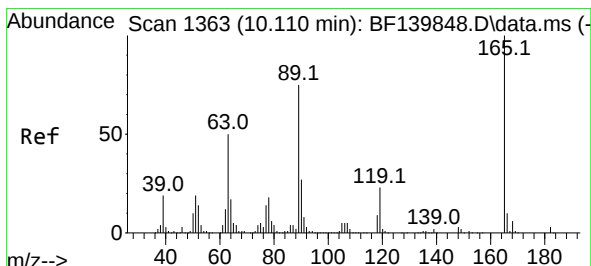
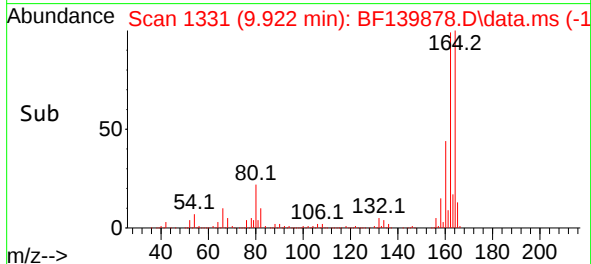
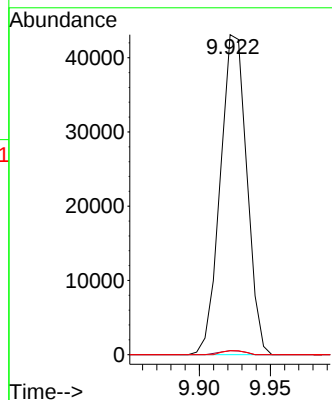
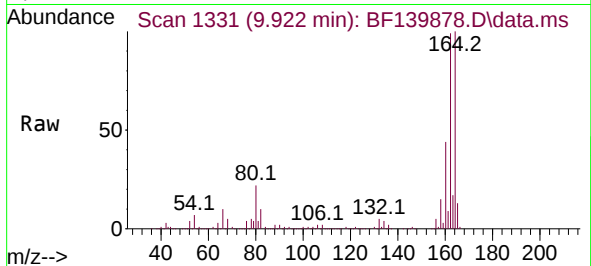




#51
2,6-Dinitrotoluene
Concen: 9.552 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

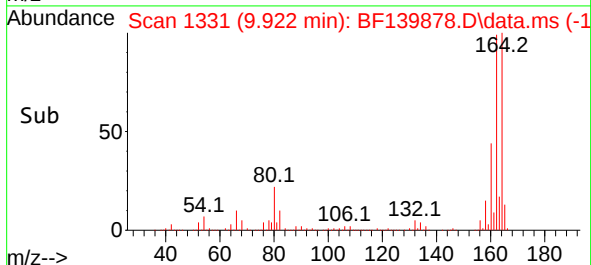
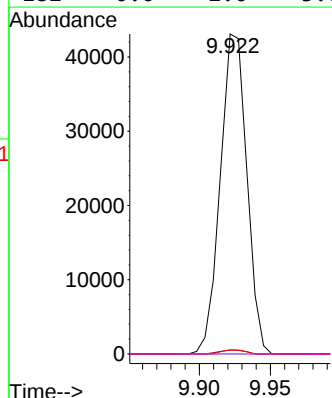
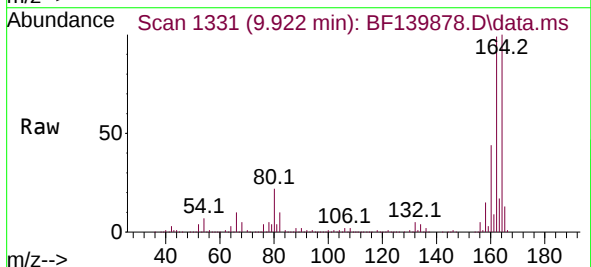
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ClientSampleId :
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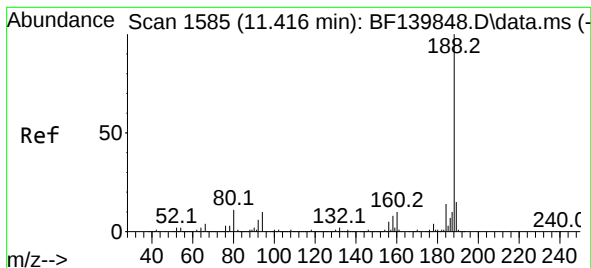
Tgt Ion:165 Resp: 56001
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.768 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

Tgt Ion:165 Resp: 56001
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139878.D

Acq: 19 Oct 2024 18:18

Instrument :

BNA_F

ClientSampleId :

TP-4

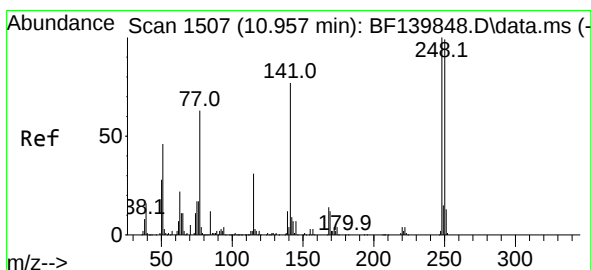
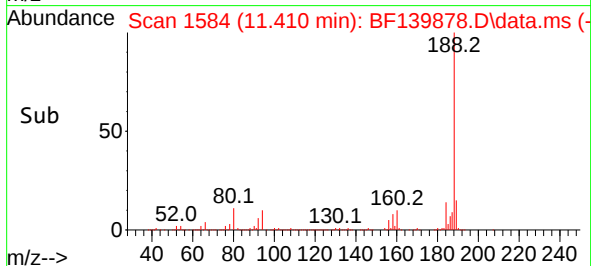
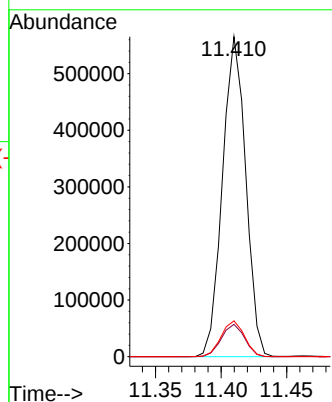
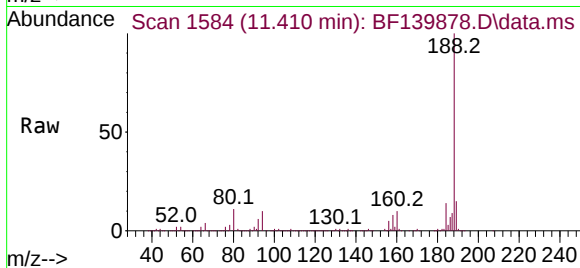
Tgt Ion:188 Resp: 696781

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 11.2 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.910 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139878.D

Acq: 19 Oct 2024 18:18

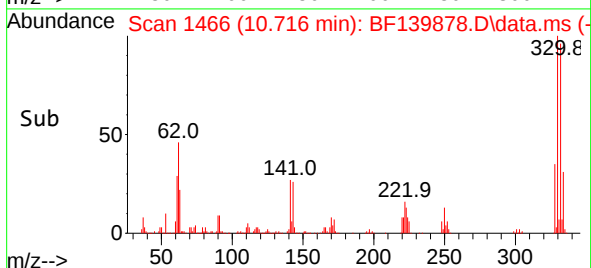
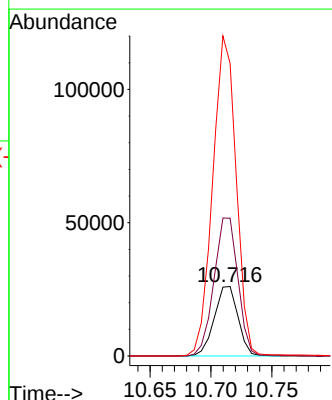
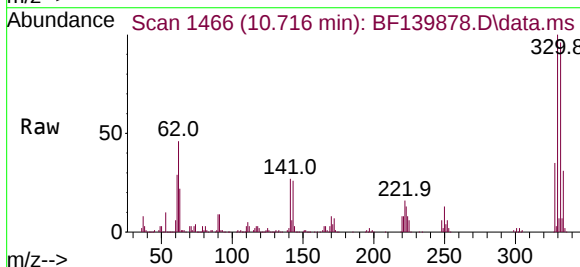
Tgt Ion:248 Resp: 35246

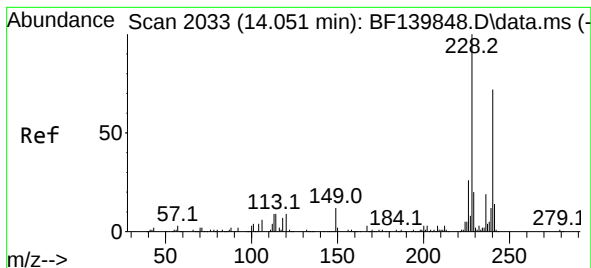
Ion Ratio Lower Upper

248 100

250 198.3 79.0 118.6#

141 420.8 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: BF139878.D

Acq: 19 Oct 2024 18:18

Instrument :

BNA_F

ClientSampleId :

TP-4

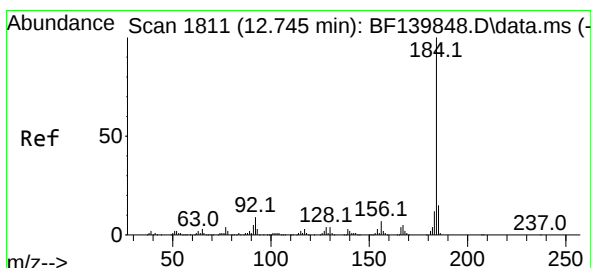
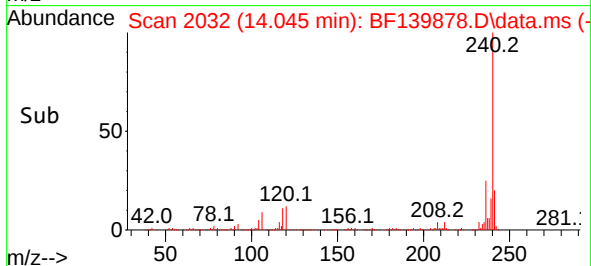
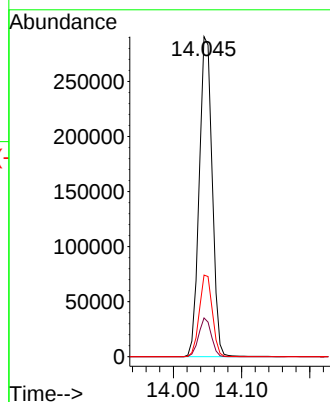
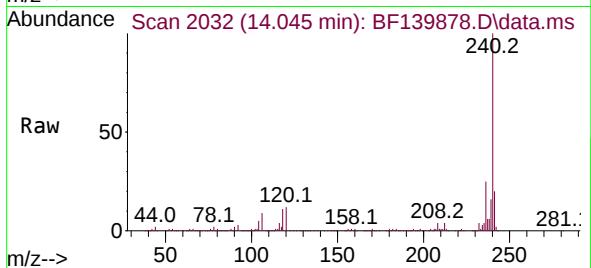
Tgt Ion:240 Resp: 383604

Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

236 25.5 20.9 31.3



#77

Benzidine

Concen: 3.937 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF139878.D

Acq: 19 Oct 2024 18:18

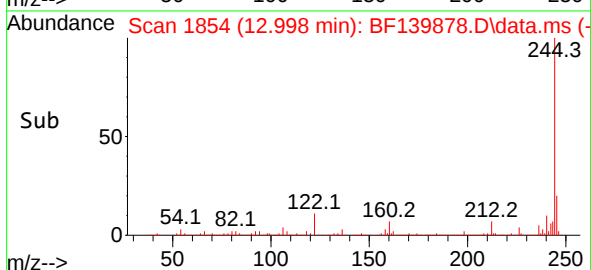
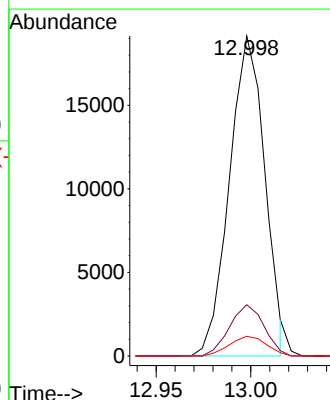
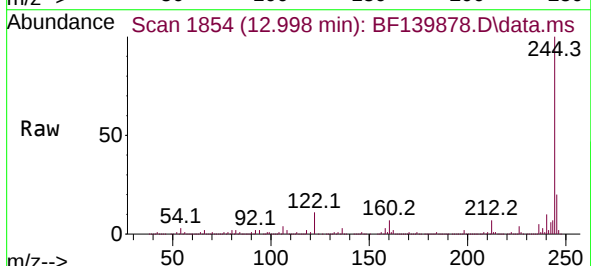
Tgt Ion:184 Resp: 24834

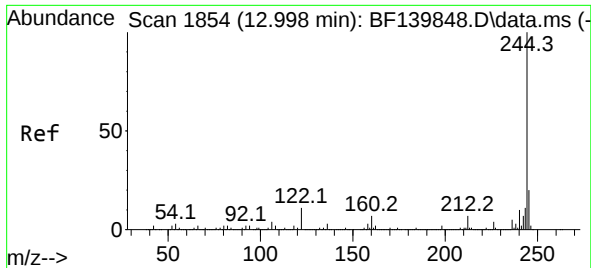
Ion Ratio Lower Upper

184 100

185 16.0 12.0 18.0

183 6.1 9.4 14.2#

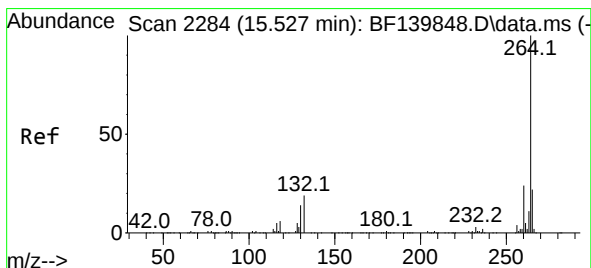
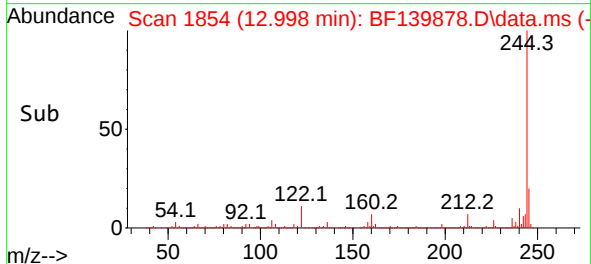
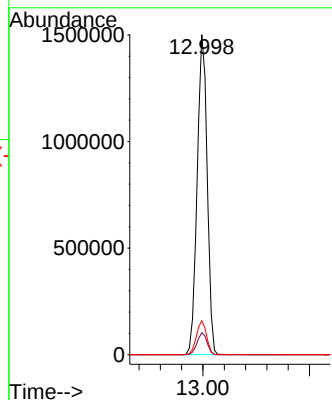
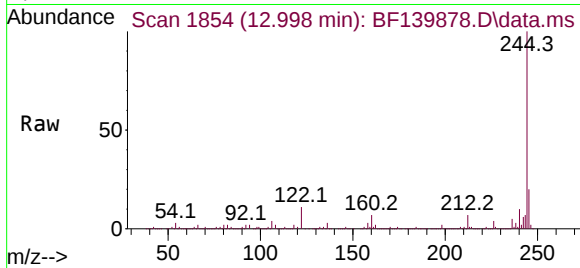




#79
 Terphenyl-d14
 Concen: 83.447 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139878.D
 Acq: 19 Oct 2024 18:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 1964458
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139878.D
 Acq: 19 Oct 2024 18:18

Tgt Ion:264 Resp: 380773
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.3 17.4 26.0

