

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139865.D
 Acq On : 18 Oct 2024 20:34
 Operator : RC/JU
 Sample : P4426-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-9

Quant Time: Oct 18 23:09:07 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)

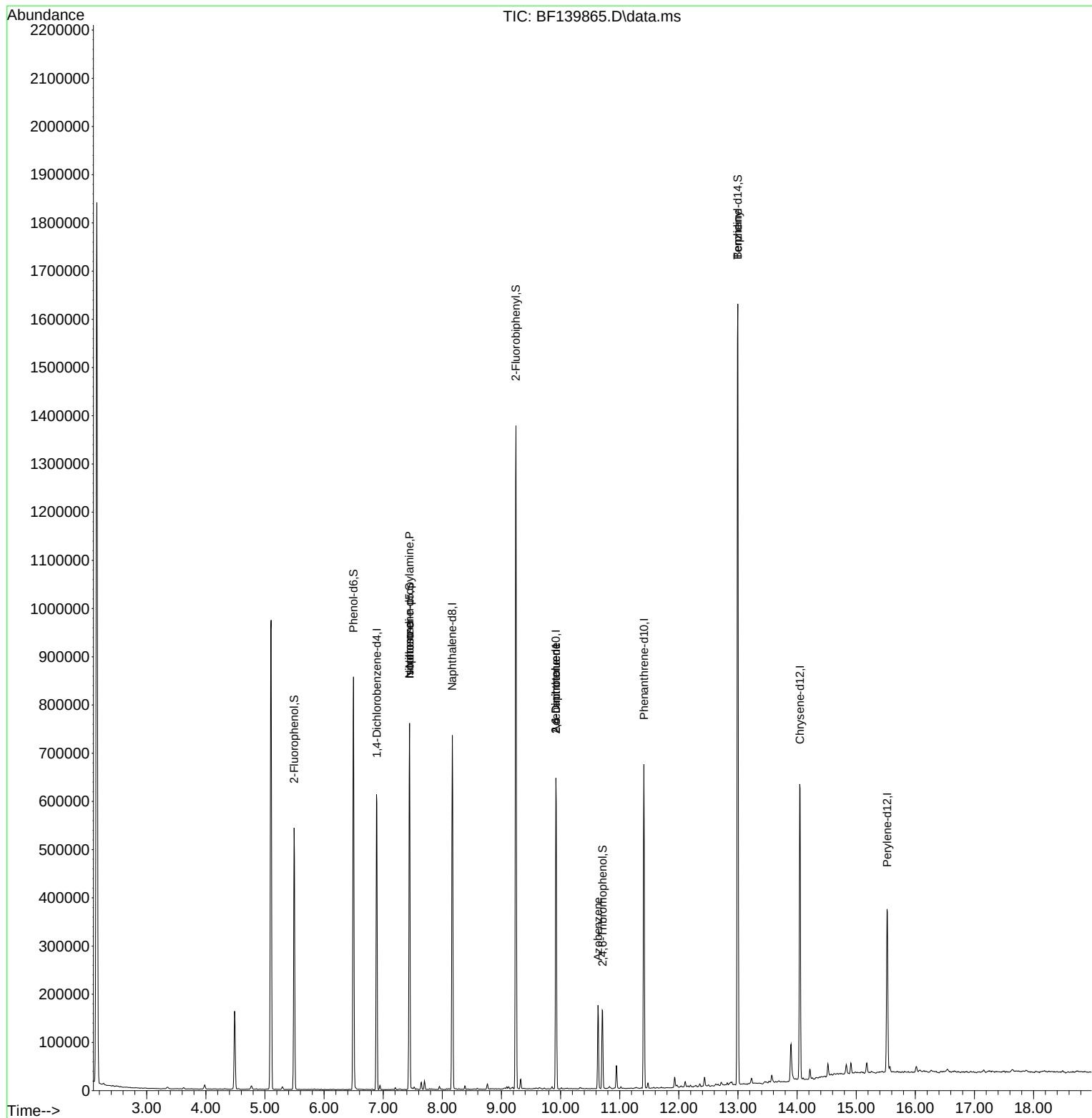
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	125428	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	422071	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	186358	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	336553	20.000	ng	0.00
76) Chrysene-d12	14.051	240	285337	20.000	ng	0.00
86) Perylene-d12	15.527	264	194355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	186097	23.227	ng	0.00
7) Phenol-d6	6.498	99	368751	35.536	ng	-0.01
23) Nitrobenzene-d5	7.445	82	300890	39.511	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	25544	14.654	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	582706	51.677	ng	0.00
79) Terphenyl-d14	12.998	244	792314	45.247	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	41576	6.606	ng	# 80
25) Isophorone	7.445	82	300781	20.810	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	24602	9.789	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	24602	7.960	ng	# 21
63) Azobenzene	10.633	77	41759	3.456	ng	# 1
77) Benzydine	12.998	184	9691	2.065	ng	# 94

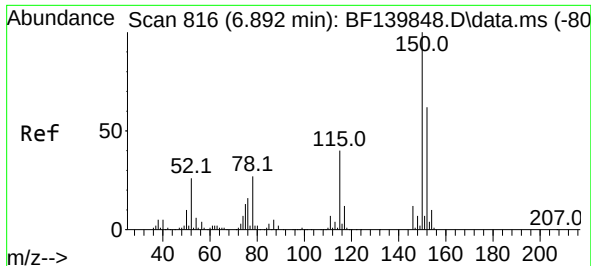
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139865.D
Acq On : 18 Oct 2024 20:34
Operator : RC/JU
Sample : P4426-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAD-9

Quant Time: Oct 18 23:09:07 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

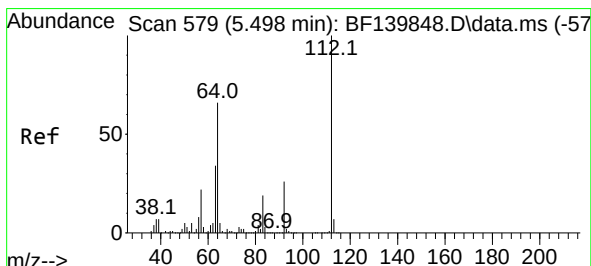
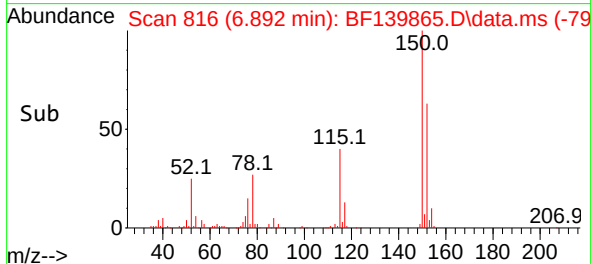
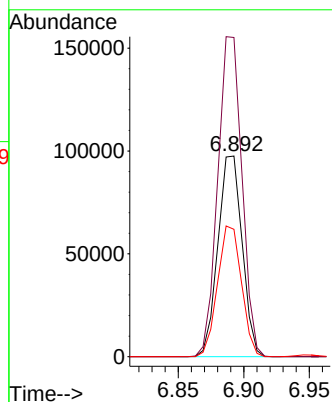
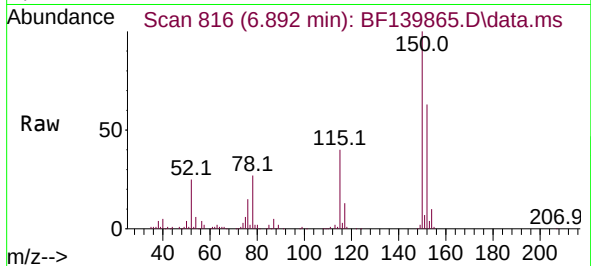




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

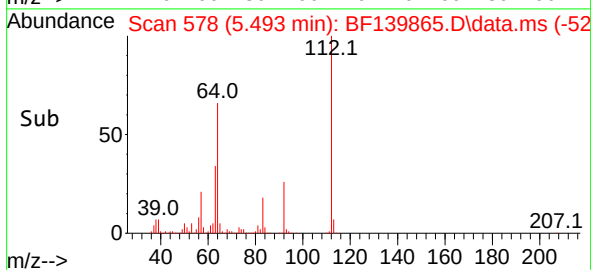
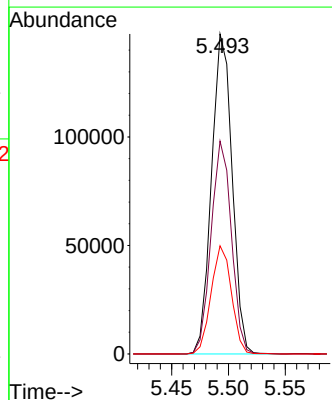
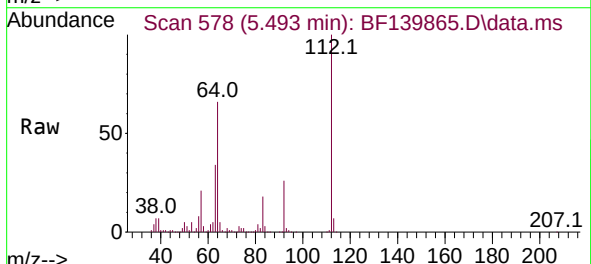
Instrument :
BNA_F
ClientSampleId :
PAD-9

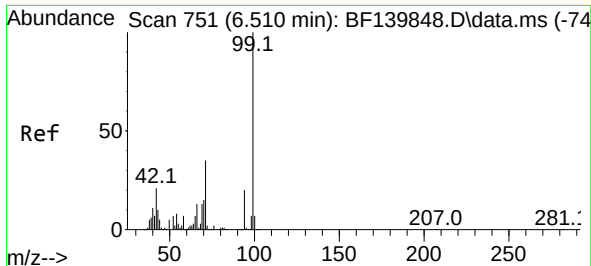
Tgt Ion:152 Resp: 125428
Ion Ratio Lower Upper
152 100
150 159.1 130.2 195.2
115 63.4 51.4 77.2



#5
2-Fluorophenol
Concen: 23.227 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

Tgt Ion:112 Resp: 186097
Ion Ratio Lower Upper
112 100
64 66.5 53.0 79.6
63 33.8 27.0 40.4

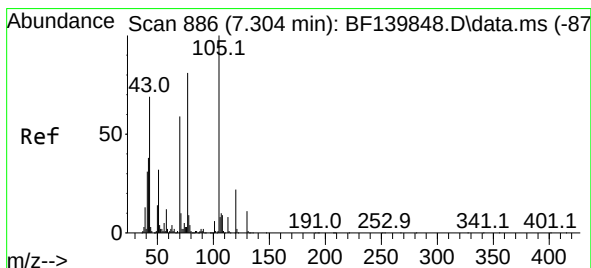
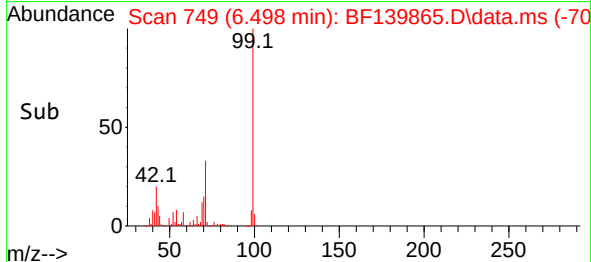
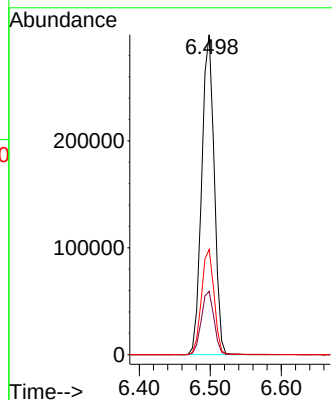
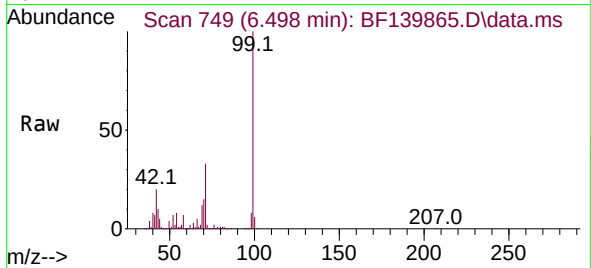




#7
Phenol-d6
Concen: 35.536 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

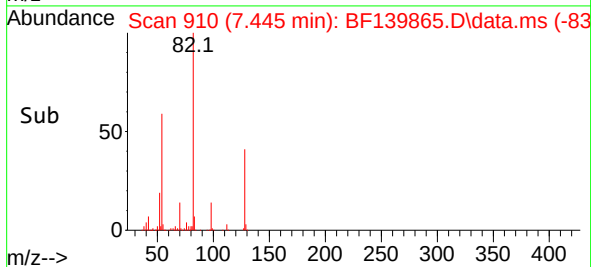
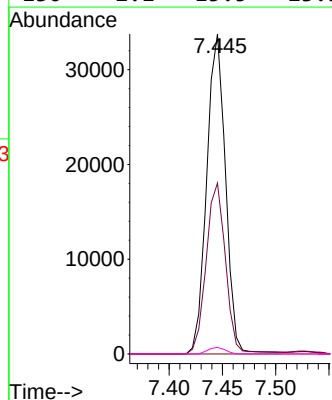
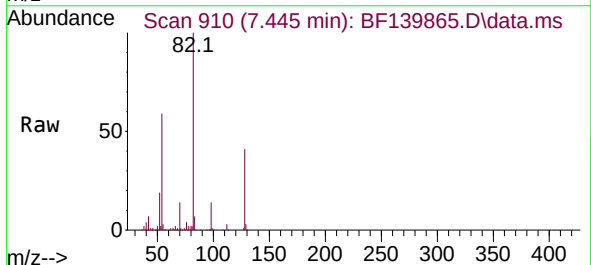
Instrument :
BNA_F
ClientSampleId :
PAD-9

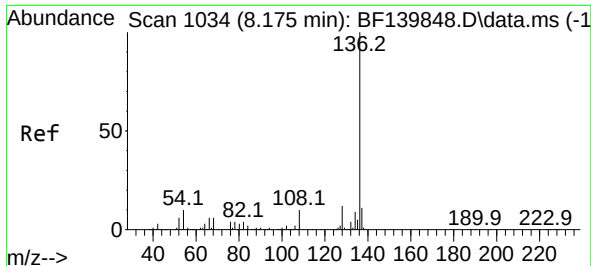
Tgt Ion: 99 Resp: 368751
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 32.9 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 6.606 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

Tgt Ion: 70 Resp: 41576
Ion Ratio Lower Upper
70 100
42 53.4 51.5 77.3
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



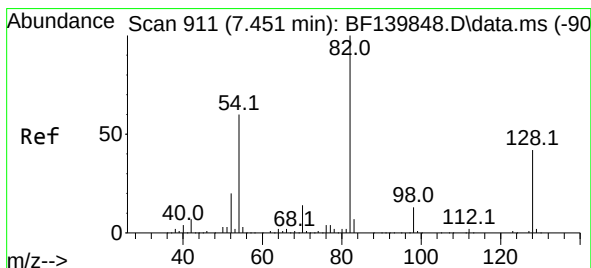
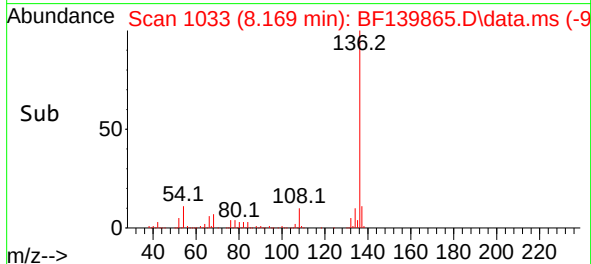
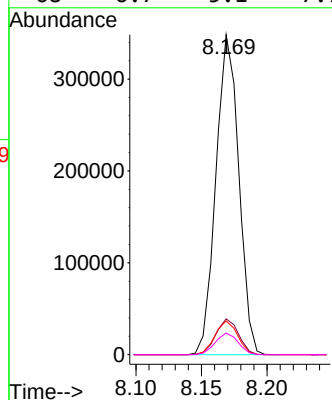
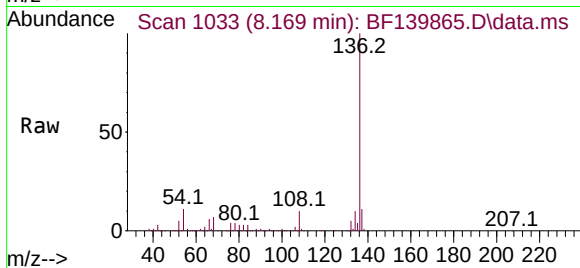


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

Instrument :
BNA_F
ClientSampleId :
PAD-9

Tgt Ion:136 Resp: 422071

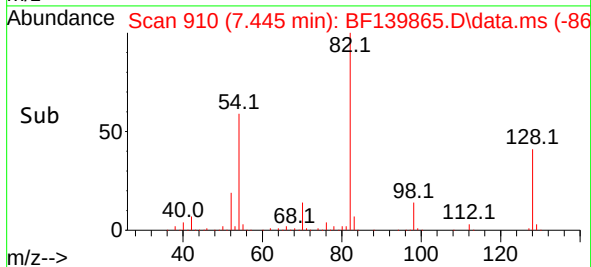
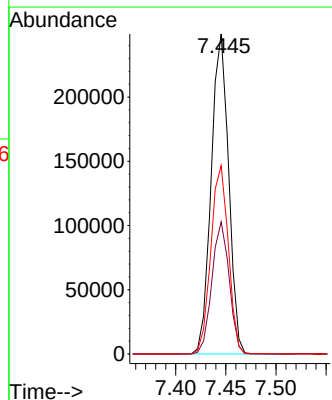
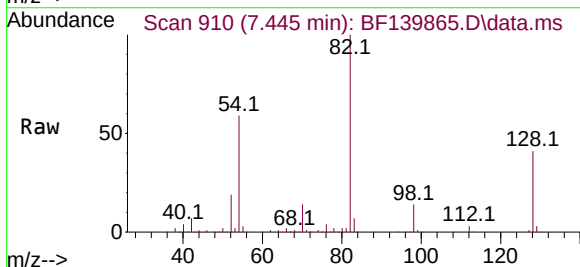
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.5	8.4	12.6
68	6.7	5.1	7.7

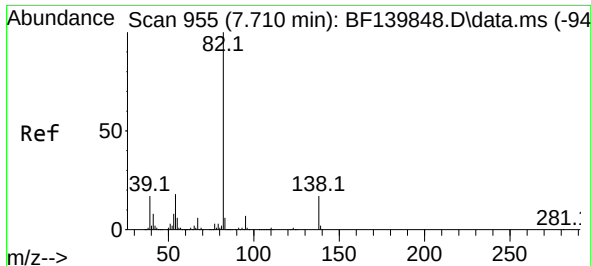


#23
Nitrobenzene-d5
Concen: 39.511 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

Tgt Ion: 82 Resp: 300890

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.4	50.0
54	58.8	47.8	71.8

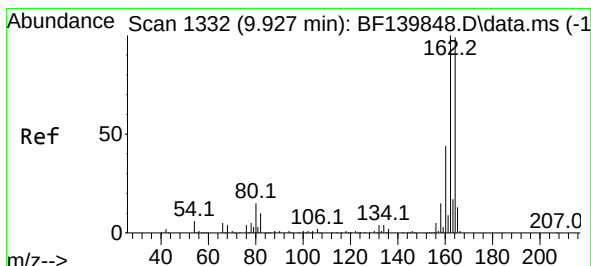
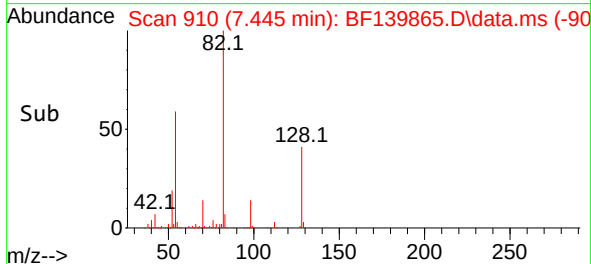
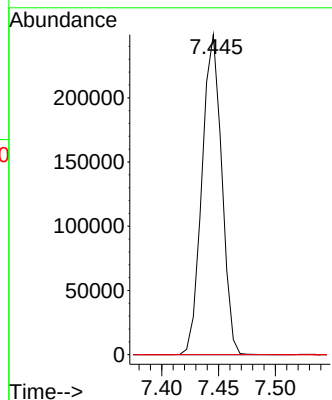
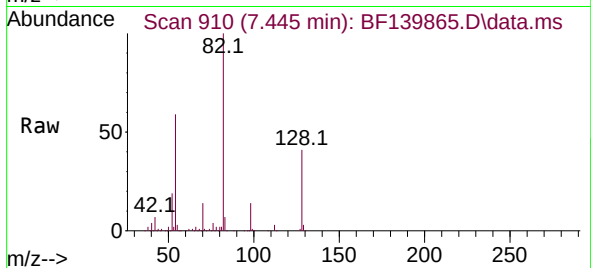




#25
Isophorone
Concen: 20.810 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

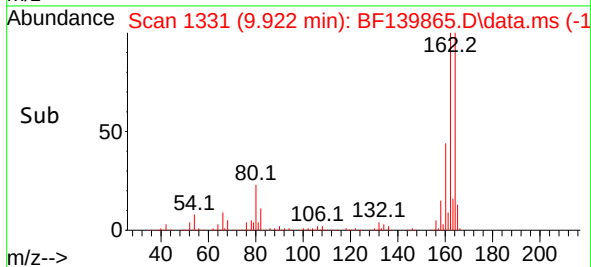
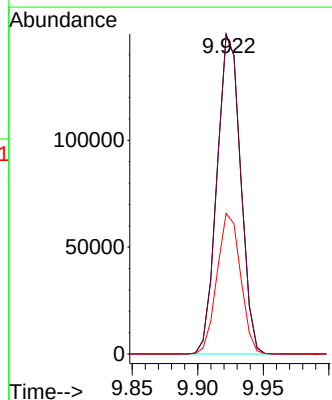
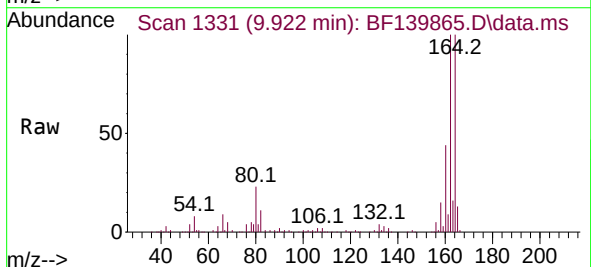
Instrument :
BNA_F
ClientSampleId :
PAD-9

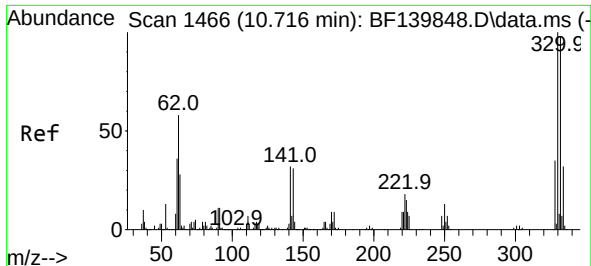
Tgt Ion: 82 Resp: 300781
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

Tgt Ion: 164 Resp: 186358
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 14.654 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139865.D

Acq: 18 Oct 2024 20:34

Instrument :

BNA_F

ClientSampleId :

PAD-9

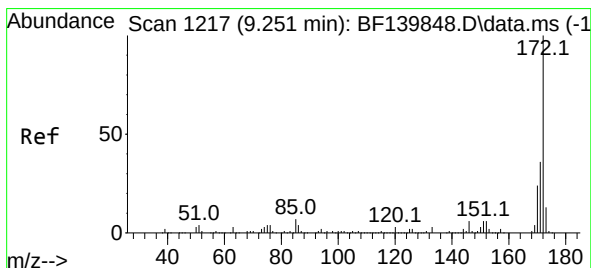
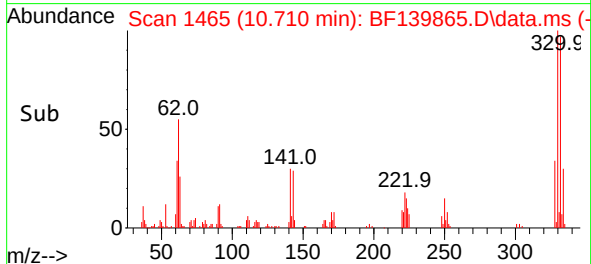
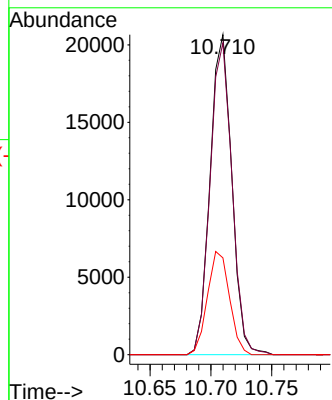
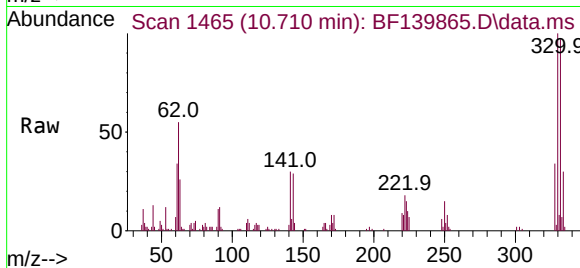
Tgt Ion:330 Resp: 25544

Ion Ratio Lower Upper

330 100

332 98.6 78.1 117.1

141 32.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 51.677 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139865.D

Acq: 18 Oct 2024 20:34

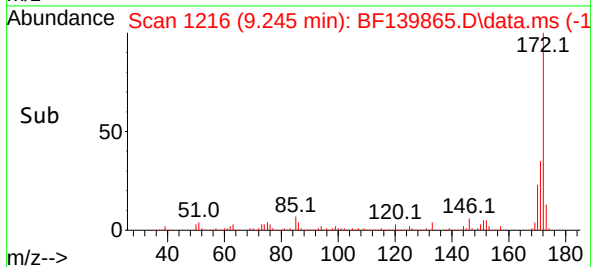
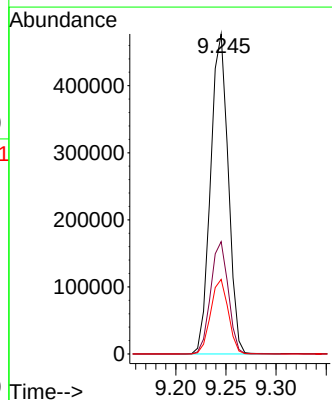
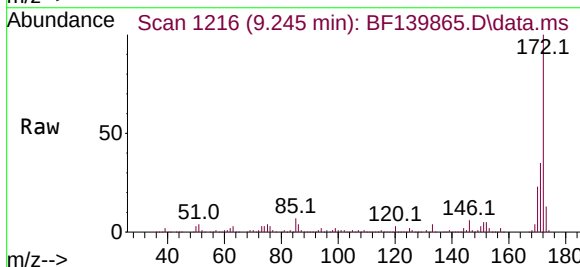
Tgt Ion:172 Resp: 582706

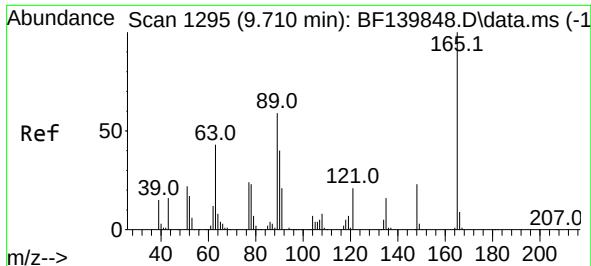
Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.3 19.1 28.7

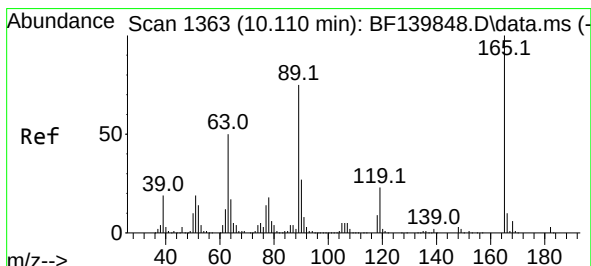
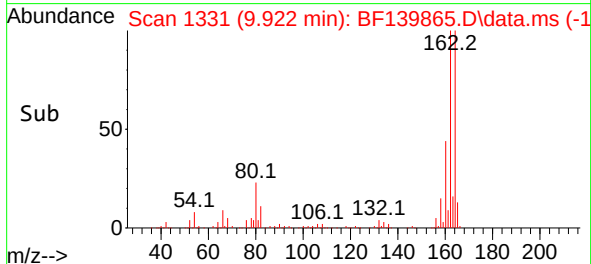
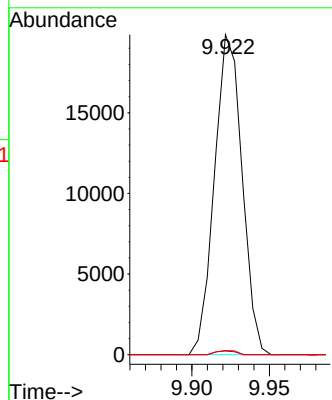
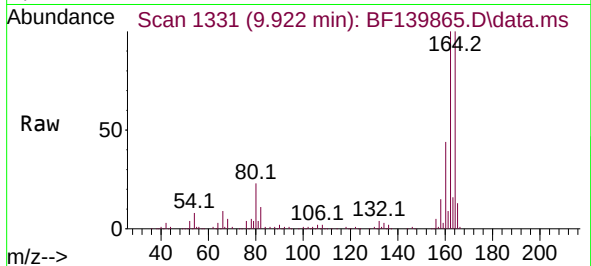




#51
2,6-Dinitrotoluene
Concen: 9.789 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

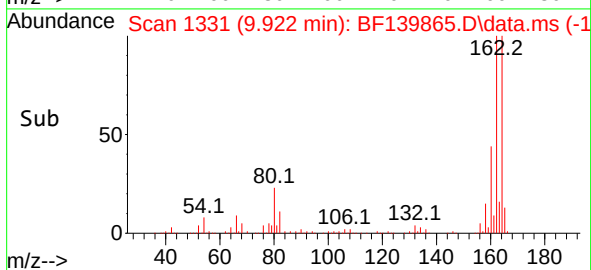
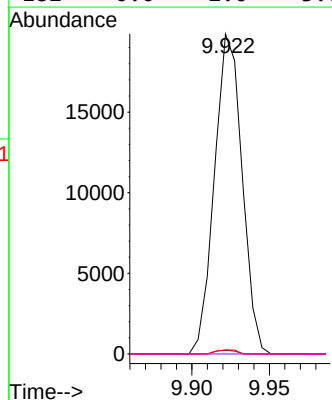
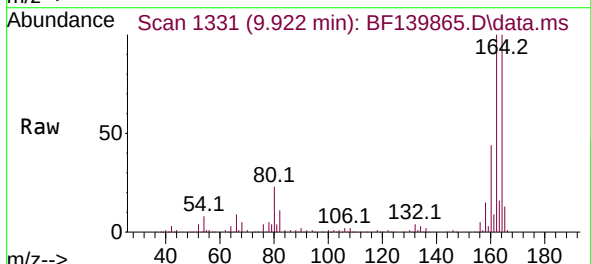
Instrument :
BNA_F
ClientSampleId :
PAD-9

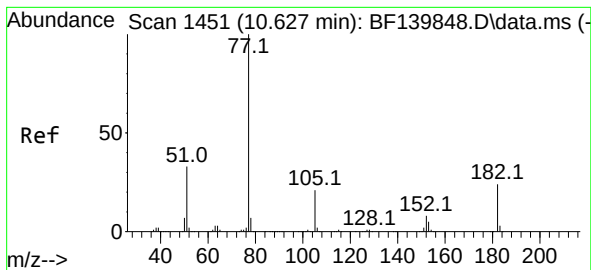
Tgt Ion:165 Resp: 24602
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.960 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139865.D
Acq: 18 Oct 2024 20:34

Tgt Ion:165 Resp: 24602
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 3.456 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139865.D

Acq: 18 Oct 2024 20:34

Instrument :

BNA_F

ClientSampleId :

PAD-9

Tgt Ion: 77 Resp: 41759

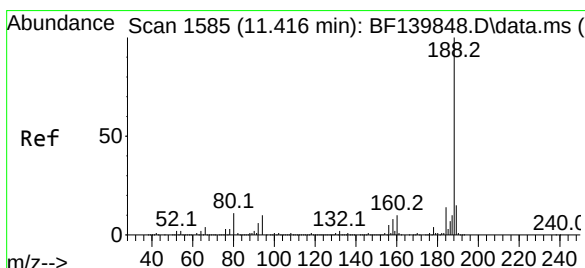
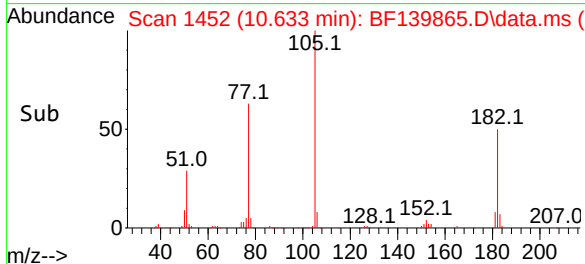
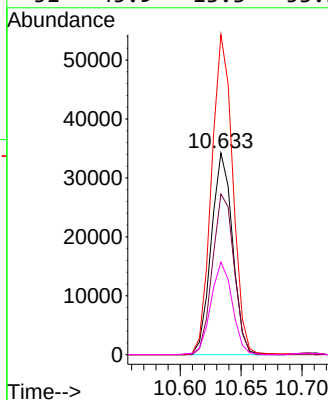
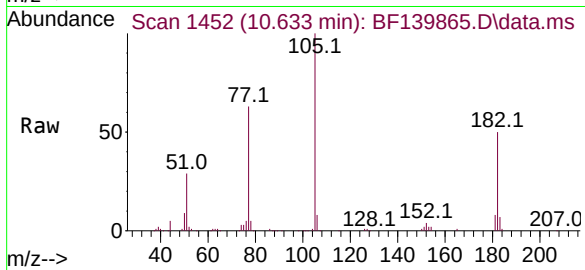
Ion Ratio Lower Upper

77 100

182 79.6 3.3 43.3#

105 158.5 1.2 41.2#

51 45.9 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: BF139865.D

Acq: 18 Oct 2024 20:34

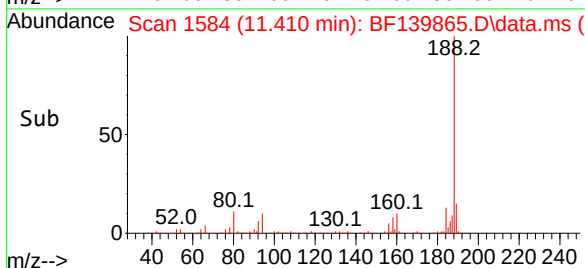
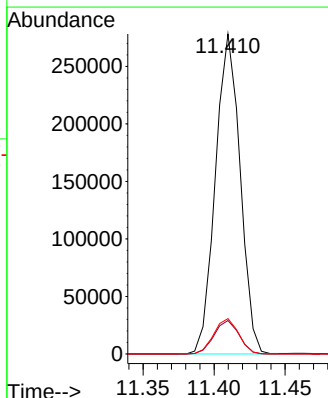
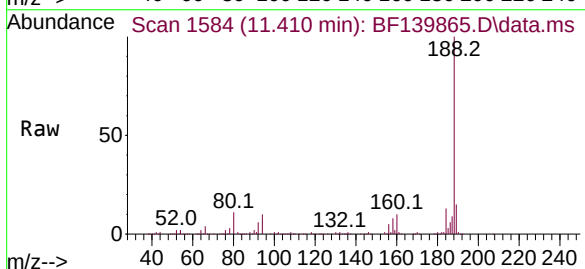
Tgt Ion:188 Resp: 336553

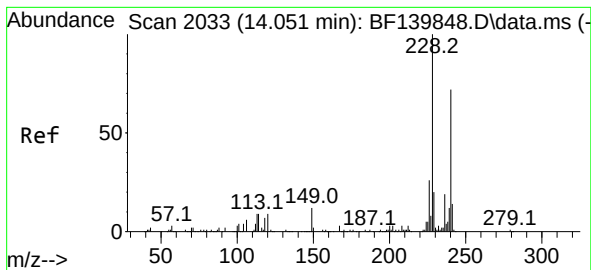
Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

80 11.1 9.0 13.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139865.D

Acq: 18 Oct 2024 20:34

Instrument :

BNA_F

ClientSampleId :

PAD-9

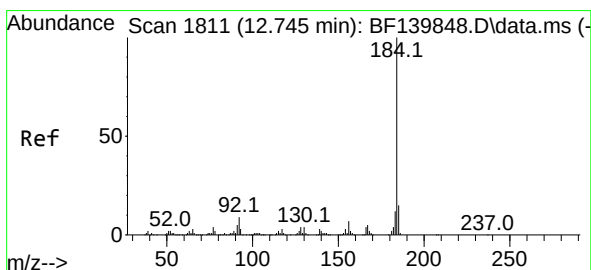
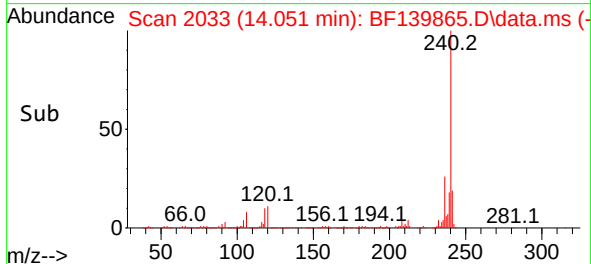
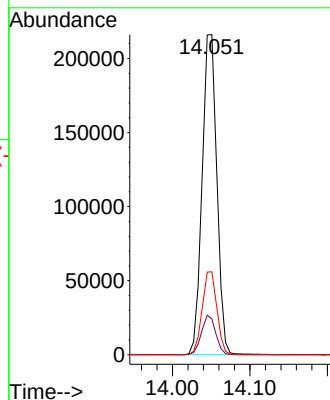
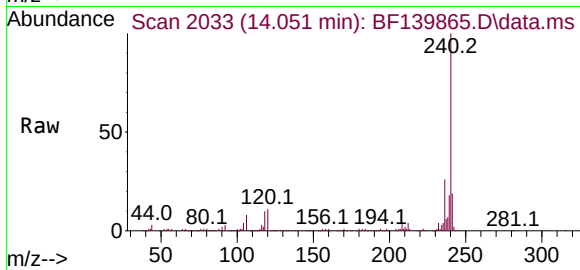
Tgt Ion:240 Resp: 285337

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 25.9 20.9 31.3



#77

Benzidine

Concen: 2.065 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF139865.D

Acq: 18 Oct 2024 20:34

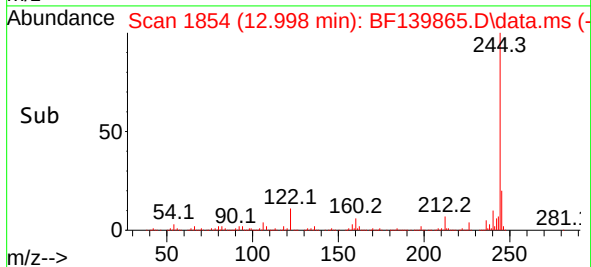
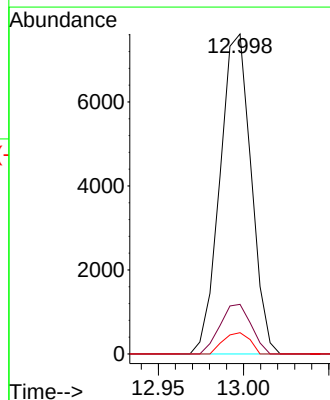
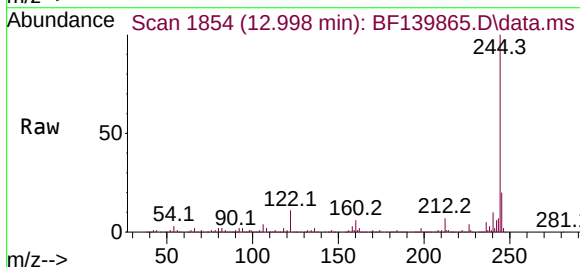
Tgt Ion:184 Resp: 9691

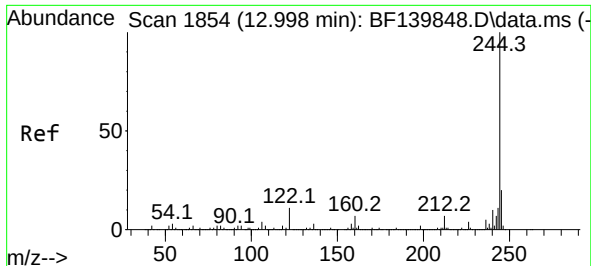
Ion Ratio Lower Upper

184 100

185 15.5 12.0 18.0

183 6.7 9.4 14.2#

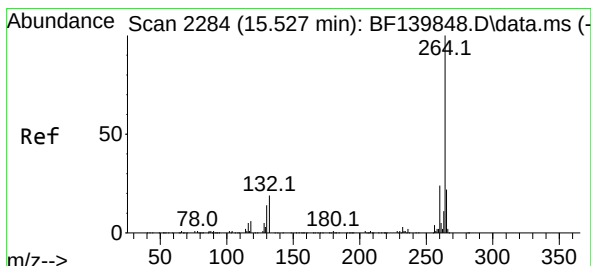
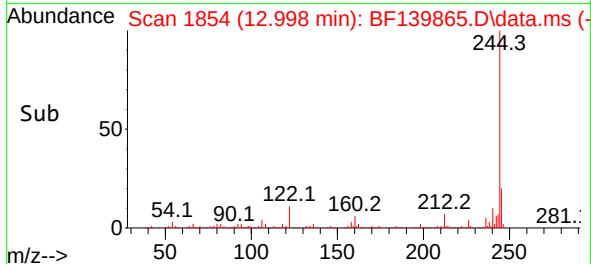
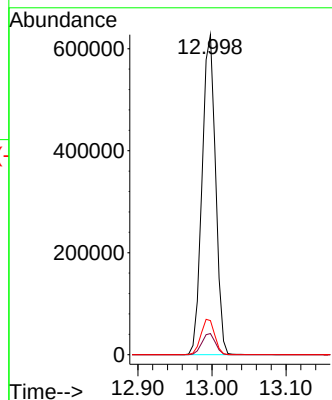
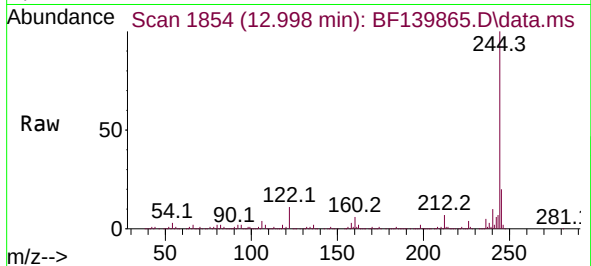




#79
 Terphenyl-d14
 Concen: 45.247 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139865.D
 Acq: 18 Oct 2024 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PAD-9

Tgt Ion:244 Resp: 792314
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.7 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: BF139865.D
 Acq: 18 Oct 2024 20:34

Tgt Ion:264 Resp: 194355
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 20.9 17.4 26.0

