

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139873.D
 Acq On : 19 Oct 2024 15:56
 Operator : RC/JU
 Sample : P4426-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-11

Quant Time: Oct 21 01:41:08 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)

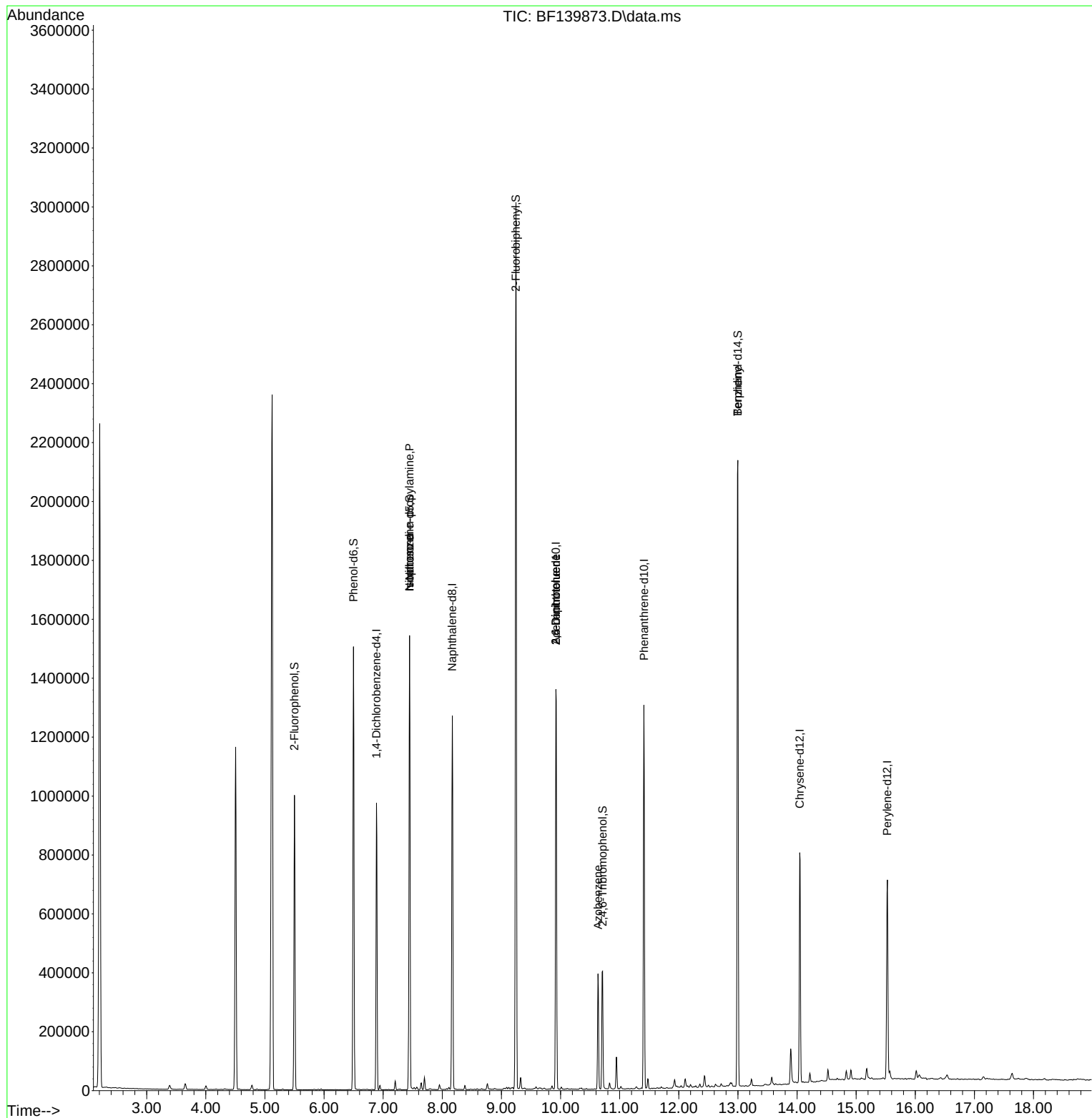
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	196276	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	749941	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	407911	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	666291	20.000	ng	0.00
76) Chrysene-d12	14.045	240	368761	20.000	ng	0.00
86) Perylene-d12	15.527	264	386969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	340240	27.137	ng	0.00
7) Phenol-d6	6.498	99	666053	41.017	ng	-0.01
23) Nitrobenzene-d5	7.445	82	638566	47.193	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	64570	16.923	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1293573	52.411	ng	0.00
79) Terphenyl-d14	12.998	244	1060454	46.859	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	88214	8.957	ng	# 79
25) Isophorone	7.445	82	636924	24.800	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	53471	9.720	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	53471	7.904	ng	# 21
63) Azobenzene	10.633	77	98413	3.721	ng	# 1
77) Benzidine	12.998	184	13408	2.211	ng	# 92

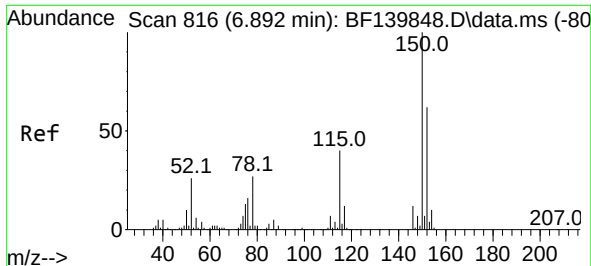
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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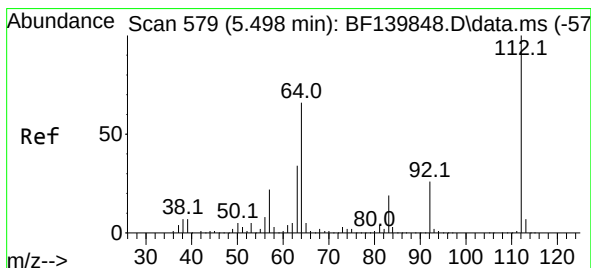
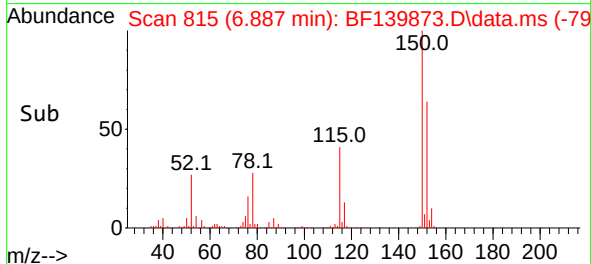
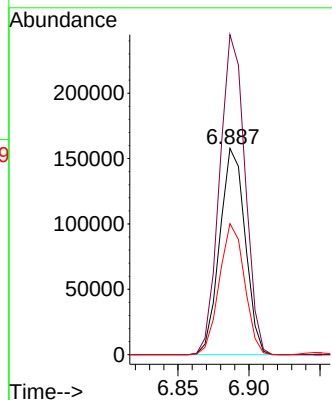
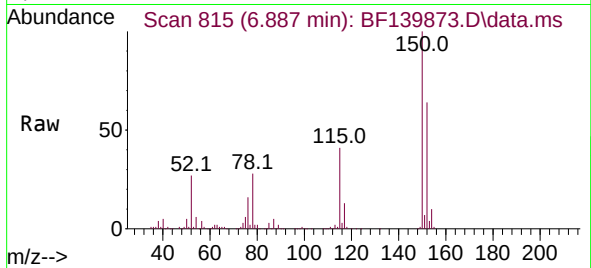




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

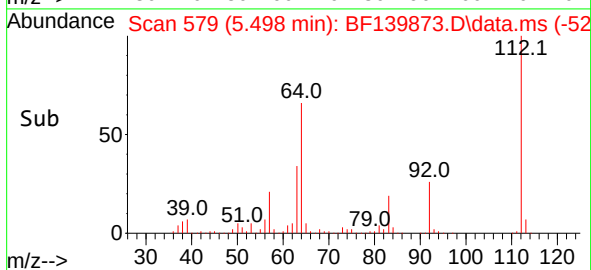
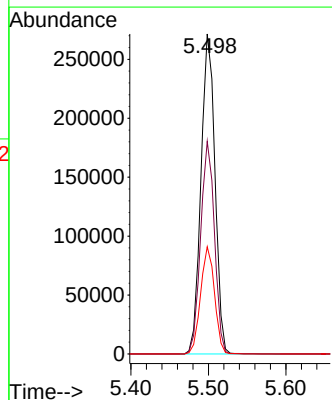
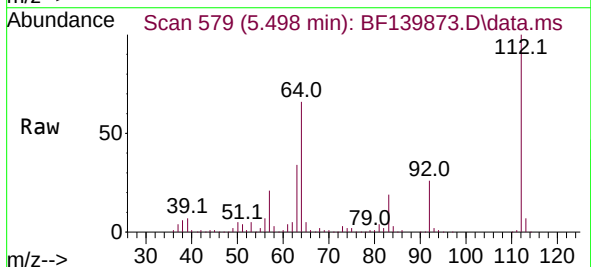
Instrument :
BNA_F
ClientSampleId :
PAD-11

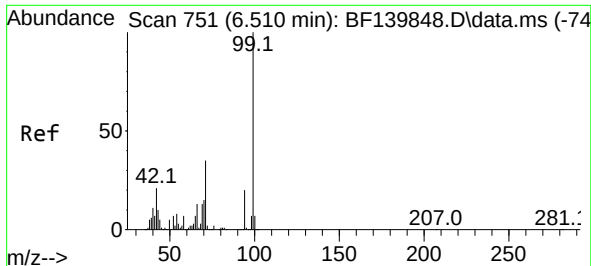
Tgt Ion:152 Resp: 196276
Ion Ratio Lower Upper
152 100
150 155.2 130.2 195.2
115 63.6 51.4 77.2



#5
2-Fluorophenol
Concen: 27.137 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

Tgt Ion:112 Resp: 340240
Ion Ratio Lower Upper
112 100
64 66.4 53.0 79.6
63 33.5 27.0 40.4

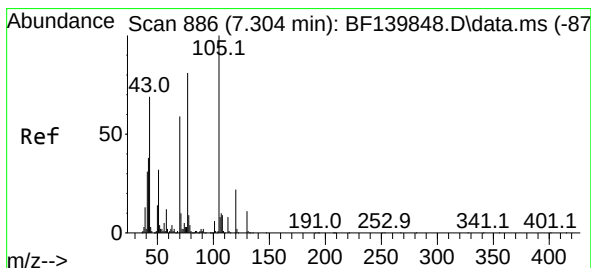
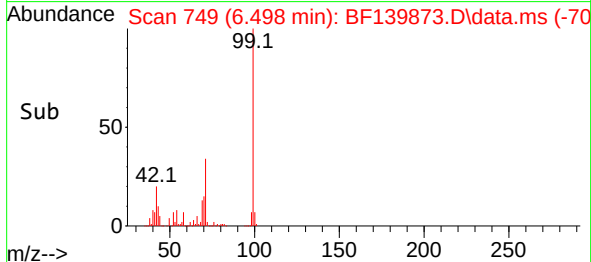
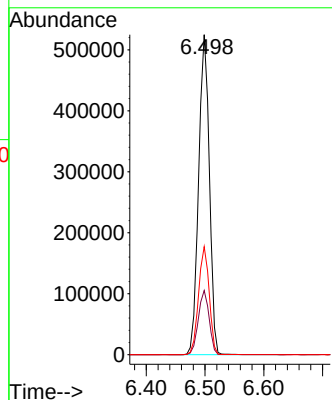
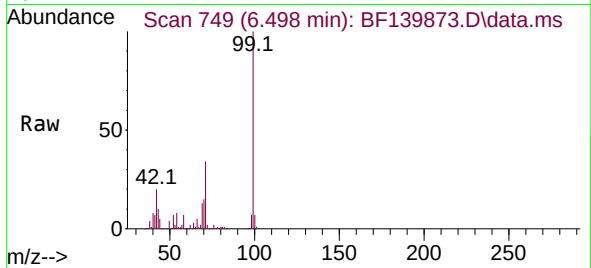




#7
Phenol-d6
Concen: 41.017 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

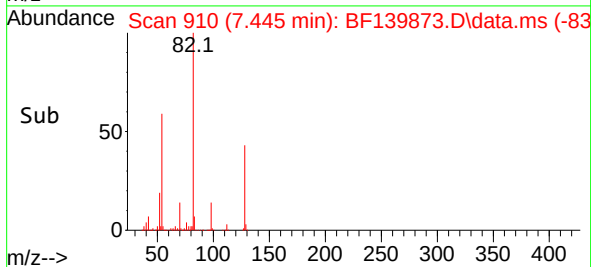
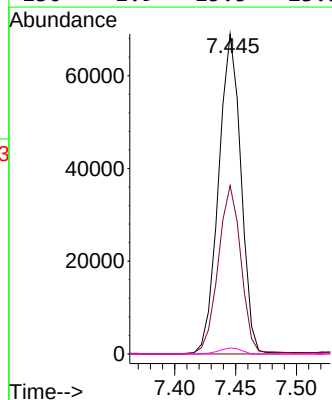
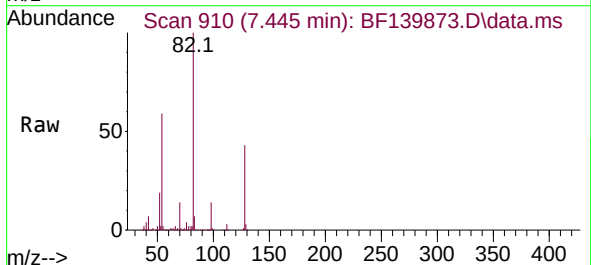
Instrument :
BNA_F
ClientSampleId :
PAD-11

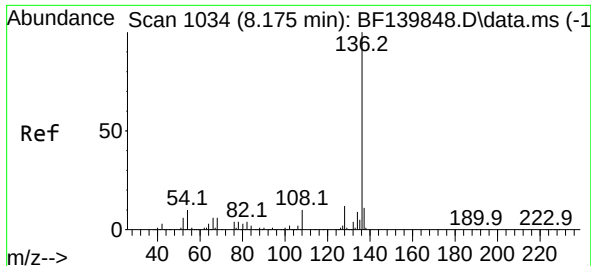
Tgt Ion: 99 Resp: 666053
Ion Ratio Lower Upper
99 100
42 20.0 16.7 25.1
71 33.7 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.957 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

Tgt Ion: 70 Resp: 88214
Ion Ratio Lower Upper
70 100
42 52.6 51.5 77.3
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



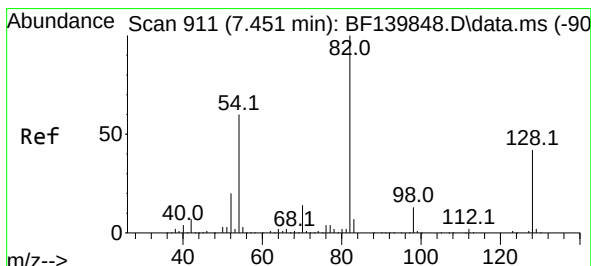
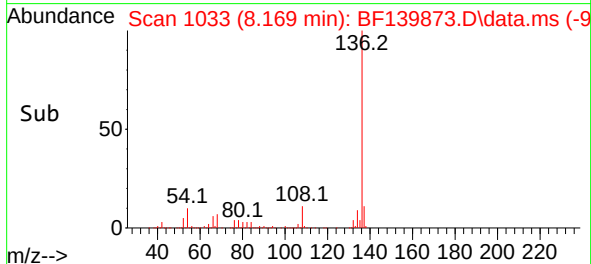
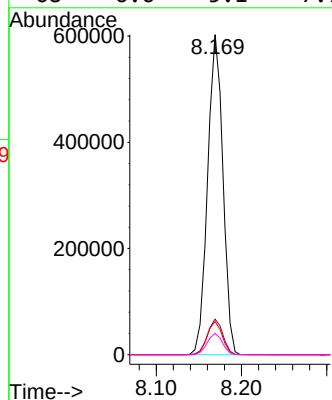
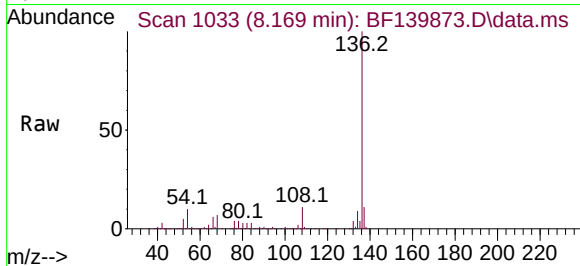


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

Instrument :
BNA_F
ClientSampleId :
PAD-11

Tgt Ion:136 Resp: 749941

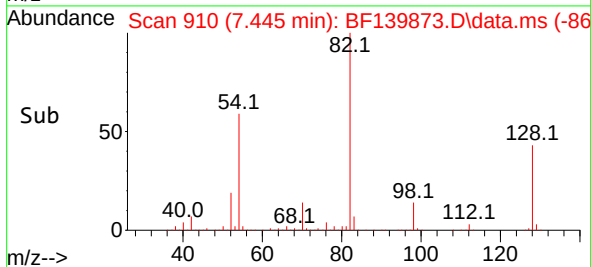
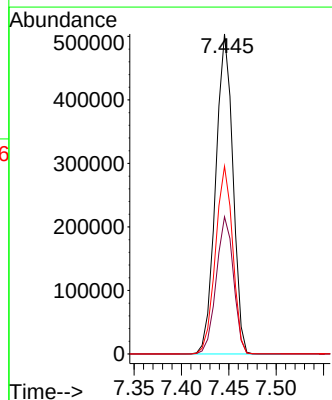
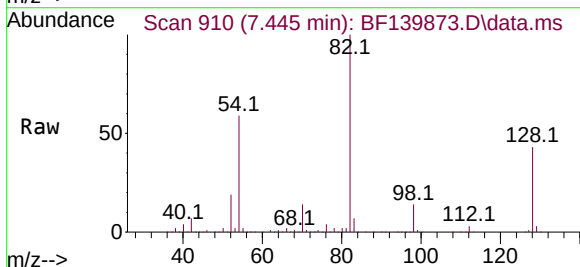
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.3	8.4	12.6
68	6.6	5.1	7.7

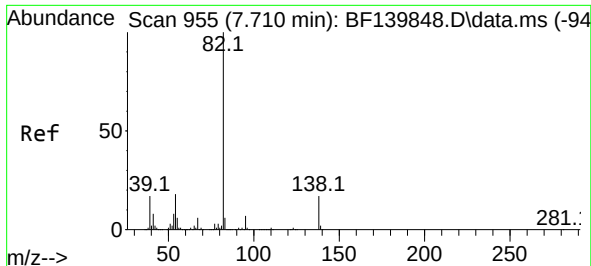


#23
Nitrobenzene-d5
Concen: 47.193 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

Tgt Ion: 82 Resp: 638566

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.4	50.0
54	58.6	47.8	71.8

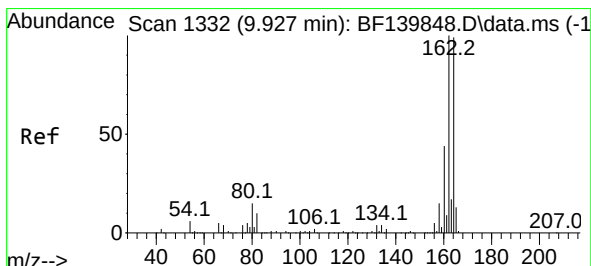
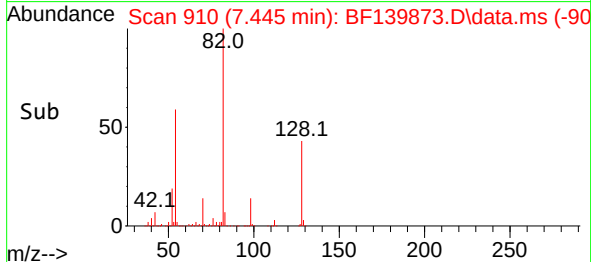
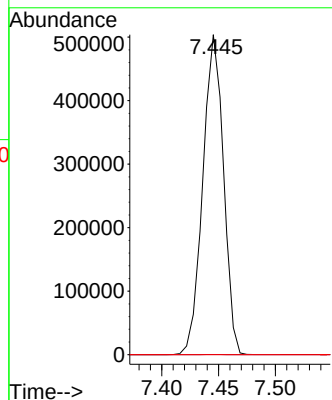
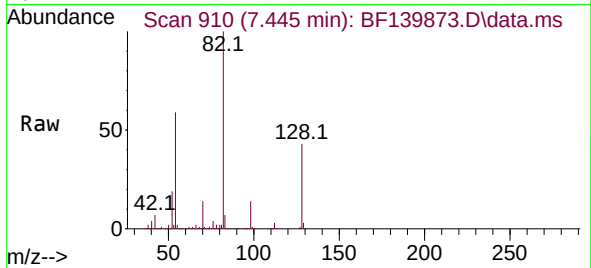




#25
Isophorone
Concen: 24.800 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

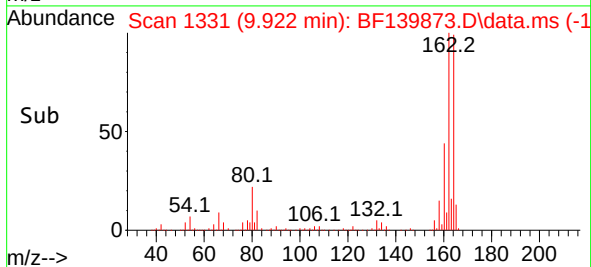
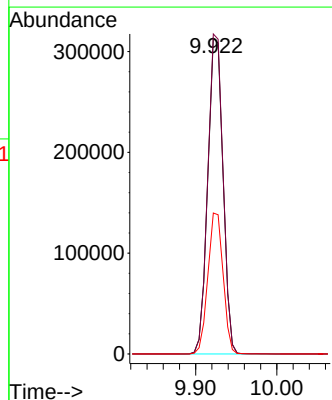
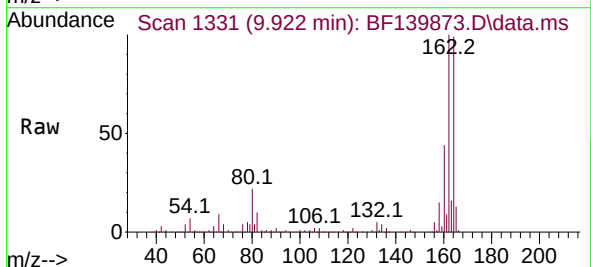
Instrument :
BNA_F
ClientSampleId :
PAD-11

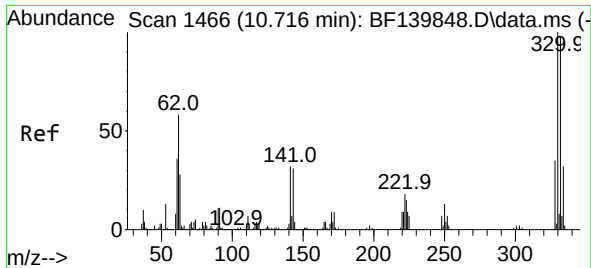
Tgt Ion: 82 Resp: 636924
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

Tgt Ion: 164 Resp: 407911
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 44.6 35.4 53.0

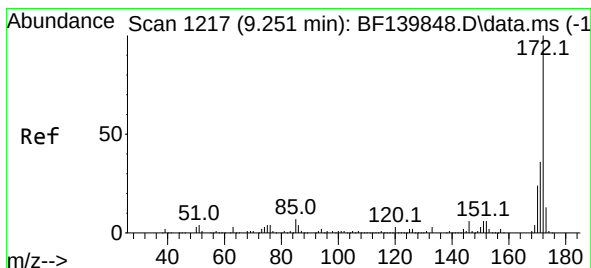
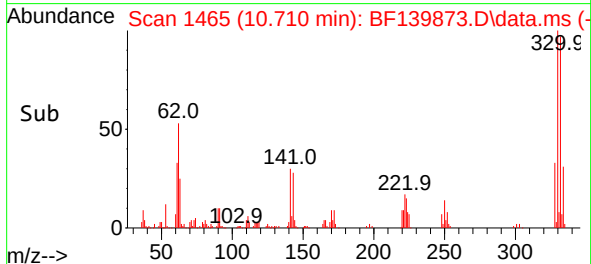
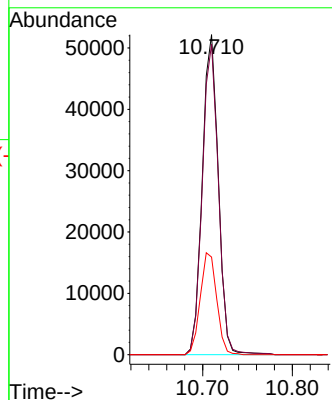
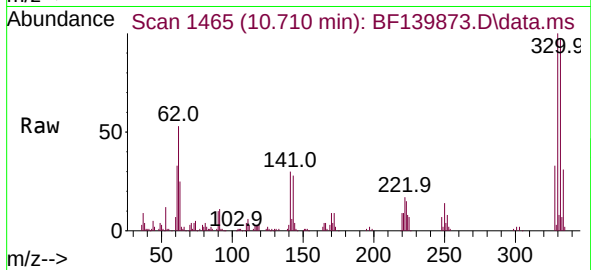




#42
2,4,6-Tribromophenol
Concen: 16.923 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

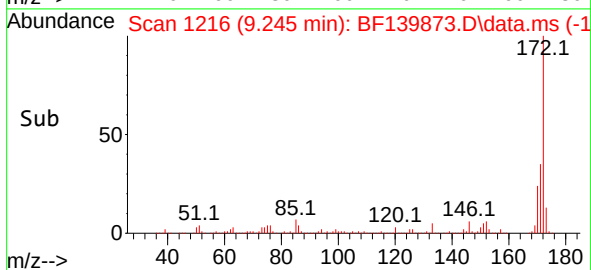
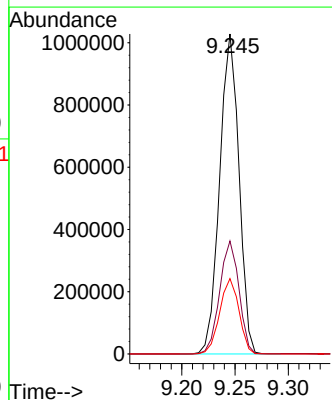
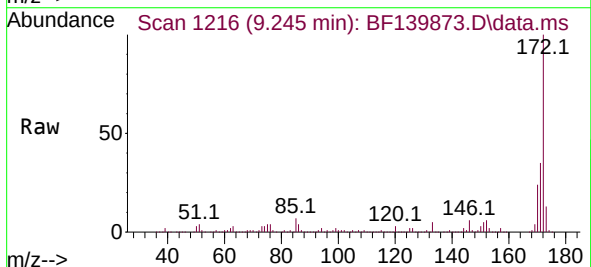
Instrument :
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ClientSampleId :
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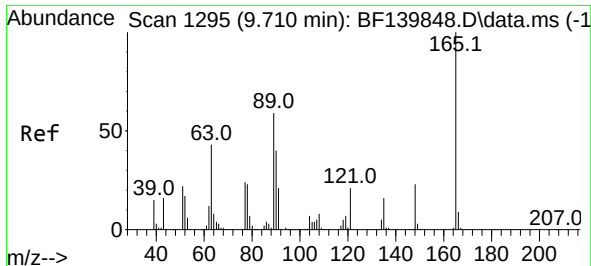
Tgt Ion: 330 Resp: 64570
Ion Ratio Lower Upper
330 100
332 97.6 78.1 117.1
141 32.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 52.411 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

Tgt Ion: 172 Resp: 1293573
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.6 19.1 28.7

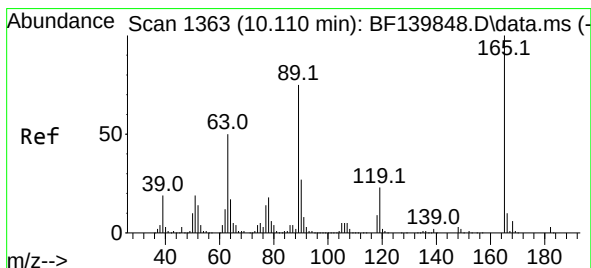
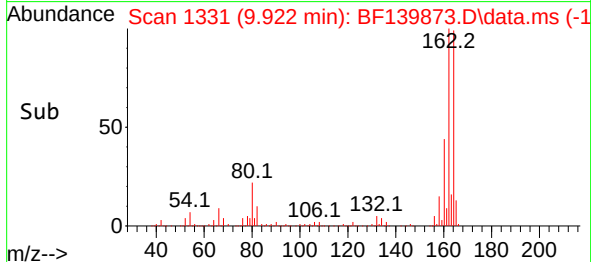
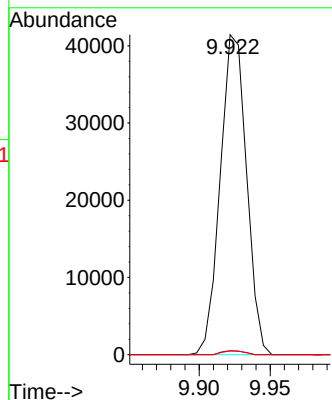
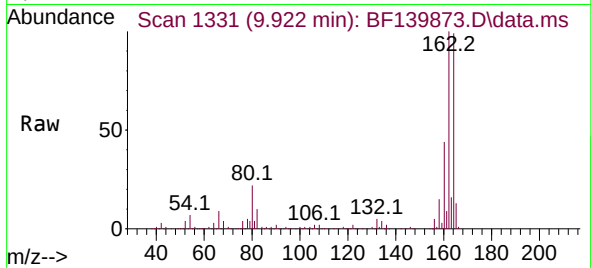




#51
2,6-Dinitrotoluene
Concen: 9.720 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

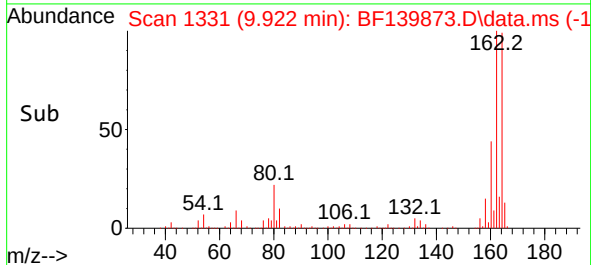
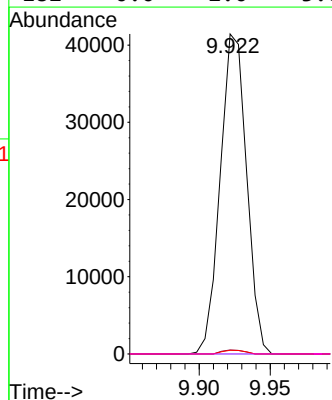
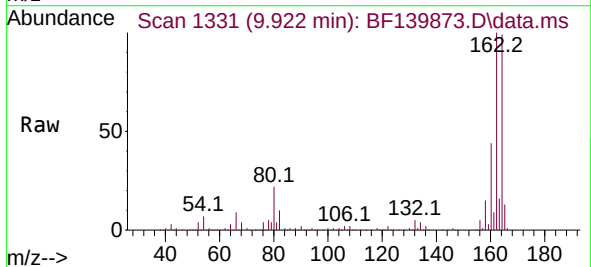
Instrument :
BNA_F
ClientSampleId :
PAD-11

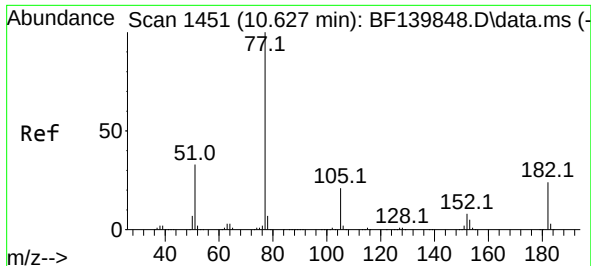
Tgt Ion:165 Resp: 53471
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.904 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

Tgt Ion:165 Resp: 53471
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#

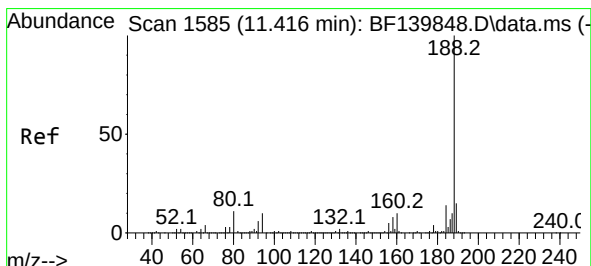
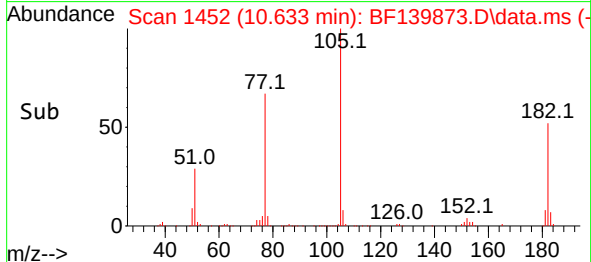
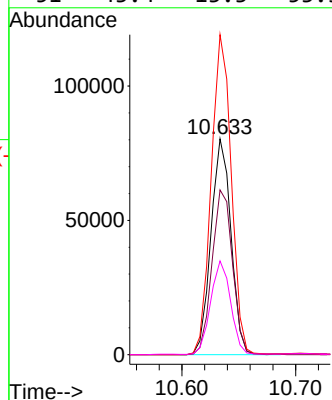
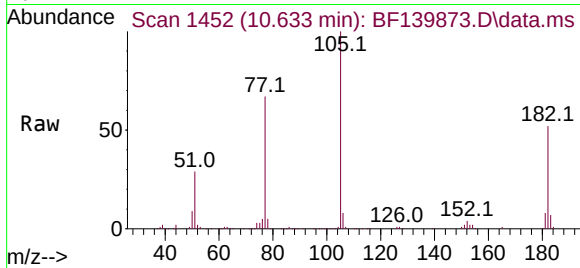




#63
Azobenzene
Concen: 3.721 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

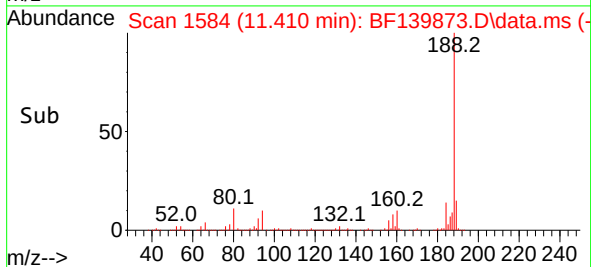
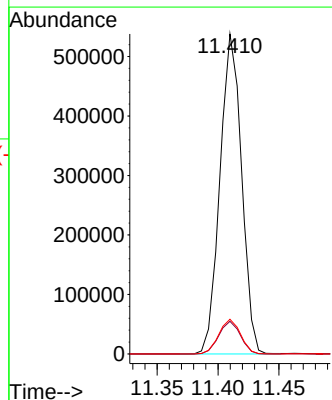
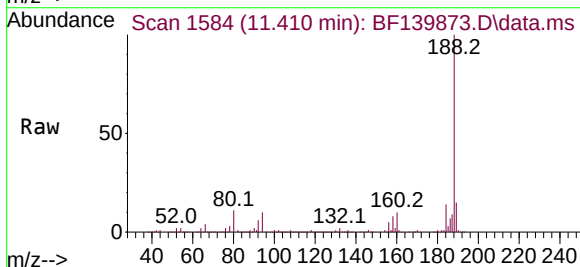
Instrument :
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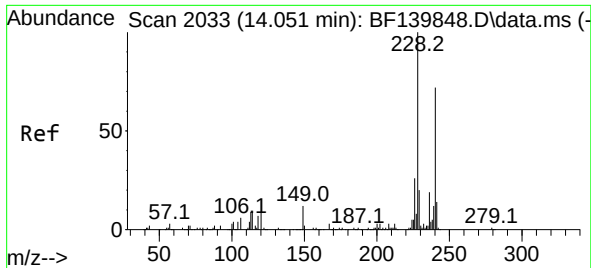
Tgt Ion: 77	Resp: 98413
Ion Ratio	Lower Upper
77 100	
182 76.4	3.3 43.3#
105 148.3	1.2 41.2#
51 43.4	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

Tgt Ion: 188	Resp: 666291
Ion Ratio	Lower Upper
188 100	
94 10.2	7.9 11.9
80 10.8	9.0 13.4

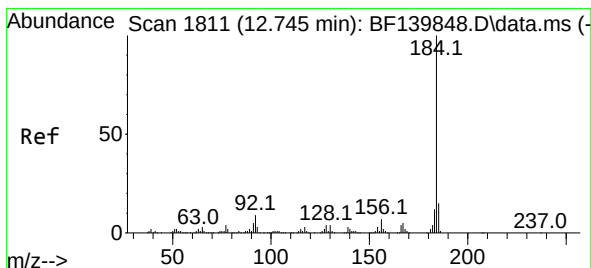
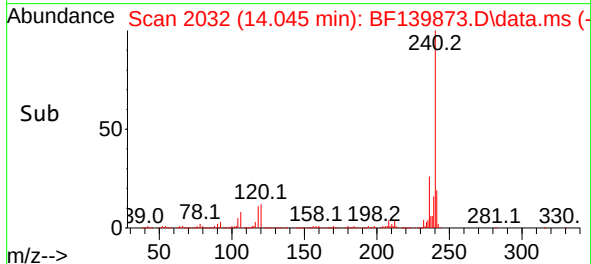
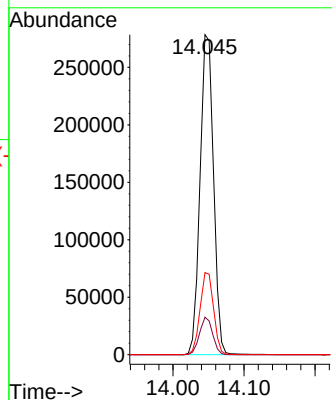
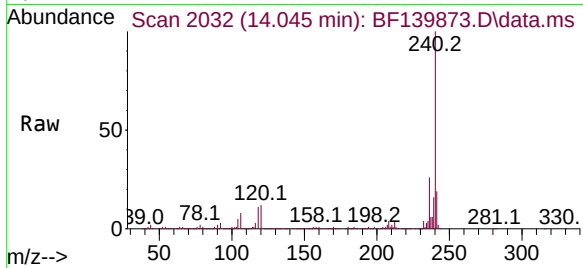




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

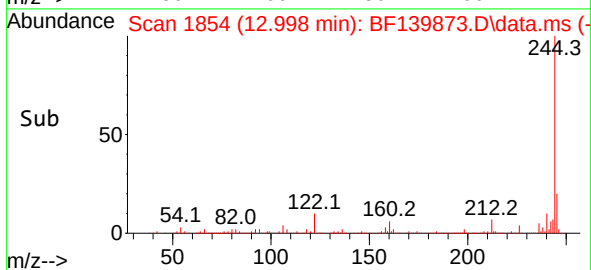
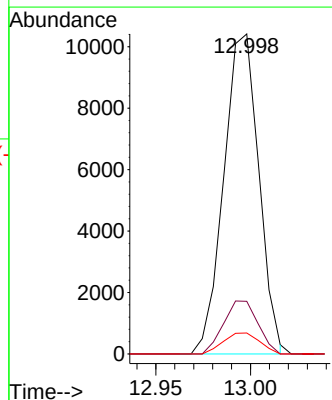
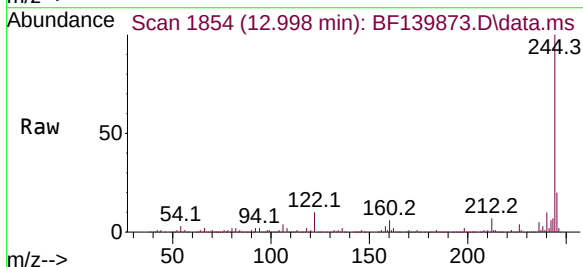
Instrument :
BNA_F
ClientSampleId :
PAD-11

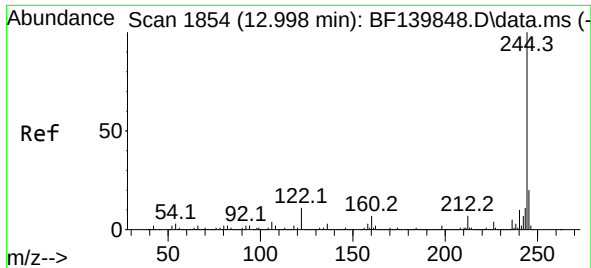
Tgt Ion:240 Resp: 368761
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 25.7 20.9 31.3



#77
Benzidine
Concen: 2.211 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

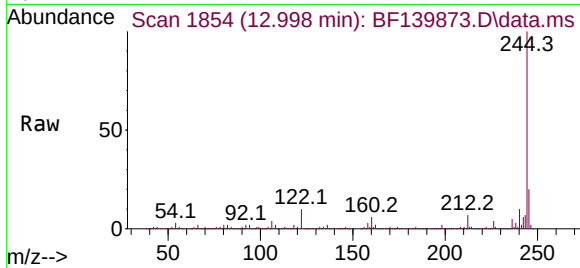
Tgt Ion:184 Resp: 13408
Ion Ratio Lower Upper
184 100
185 16.4 12.0 18.0
183 6.6 9.4 14.2#



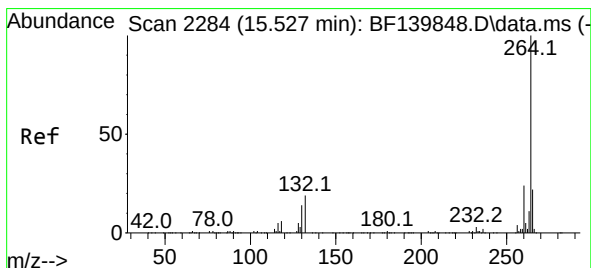
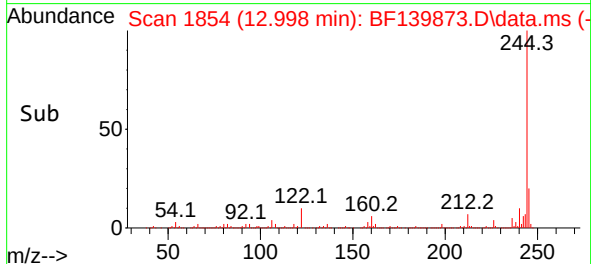
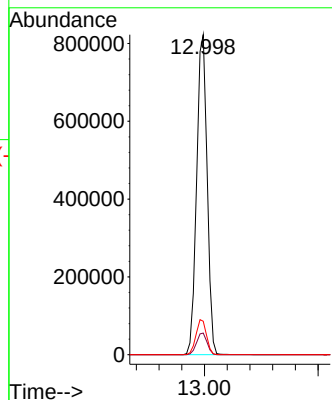


#79
Terphenyl-d14
Concen: 46.859 ng
RT: 12.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

Instrument :
BNA_F
ClientSampleId :
PAD-11



Tgt Ion:244 Resp: 1060454
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.5 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: BF139873.D
Acq: 19 Oct 2024 15:56

Tgt Ion:264 Resp: 386969
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.1 17.4 26.0

