

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139864.D
 Acq On : 18 Oct 2024 20:05
 Operator : RC/JU
 Sample : P4426-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-4

Quant Time: Oct 18 23:08:54 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)

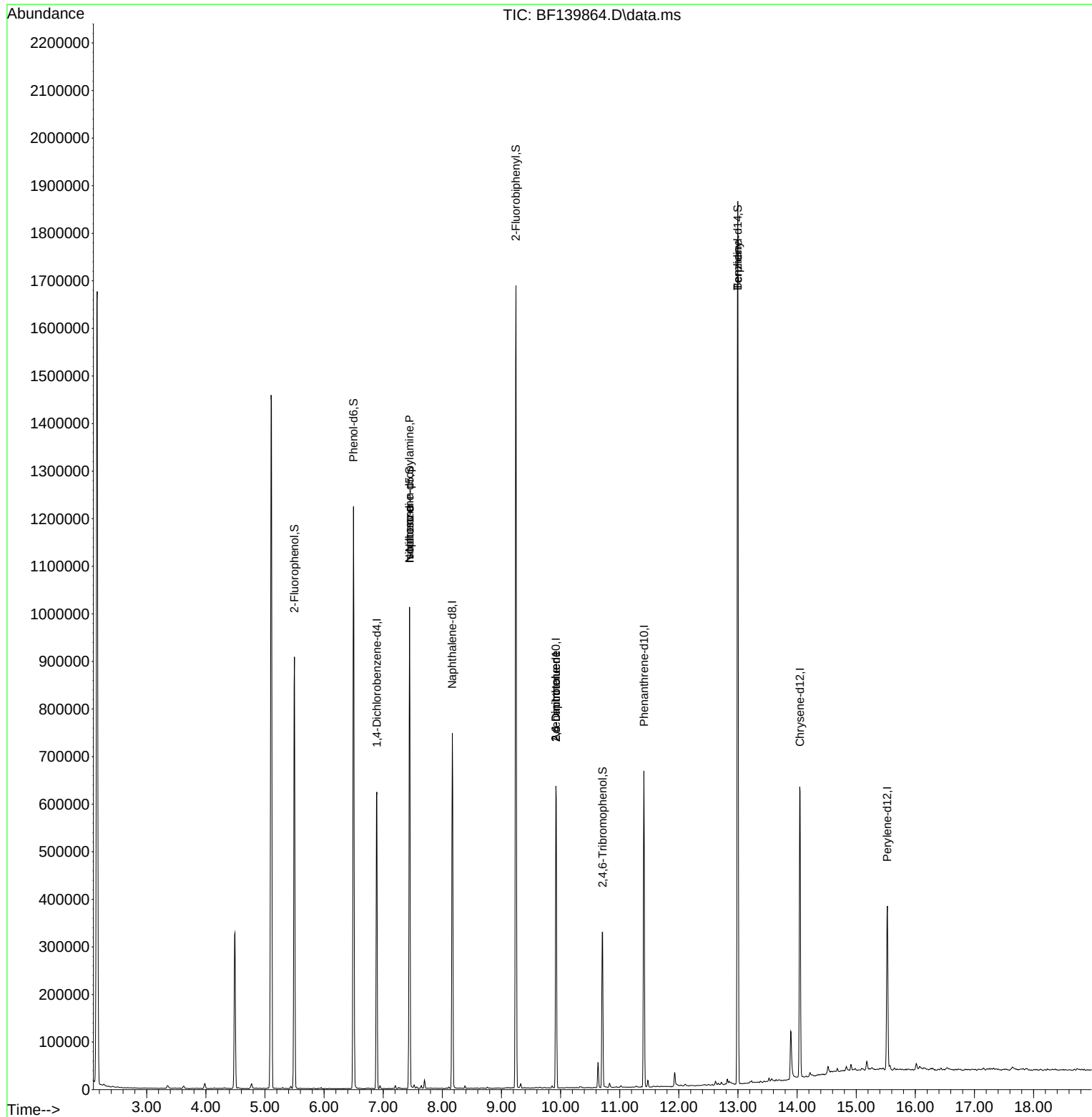
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	128568	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	429920	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	184268	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	333846	20.000	ng	0.00
76) Chrysene-d12	14.051	240	286044	20.000	ng	0.00
86) Perylene-d12	15.527	264	194650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	319297	38.879	ng	0.00
7) Phenol-d6	6.498	99	525323	49.388	ng	-0.01
23) Nitrobenzene-d5	7.445	82	404245	52.114	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	51333	29.783	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	715511	64.174	ng	0.00
79) Terphenyl-d14	12.998	244	910676	51.878	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.445	70	54316	8.420	ng	# 80
25) Isophorone	7.445	82	403258	27.390	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	24666	9.925	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	24666	8.071	ng	# 21
77) Benzidine	12.998	184	11628	2.472	ng	# 92

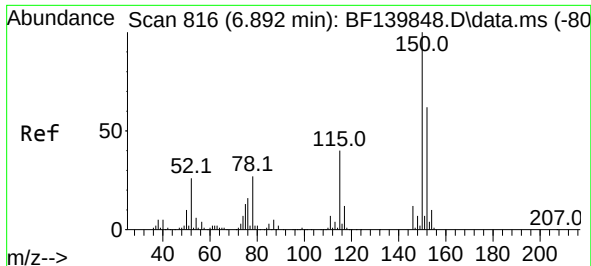
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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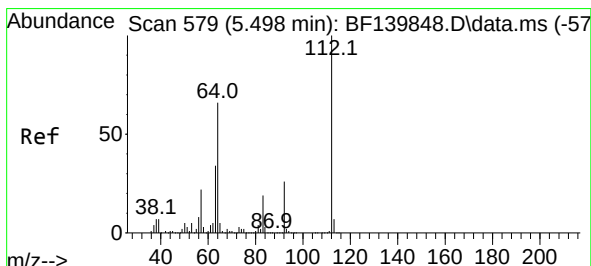
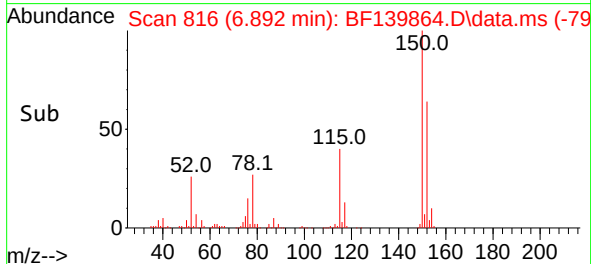
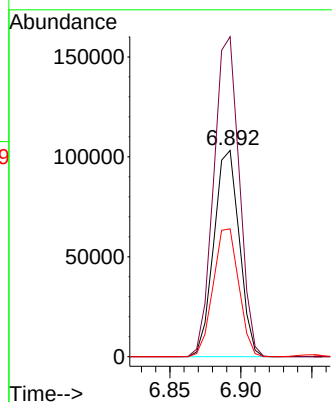
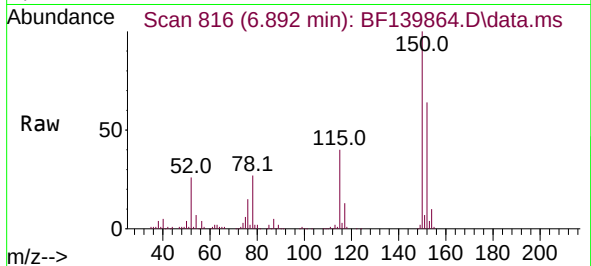




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

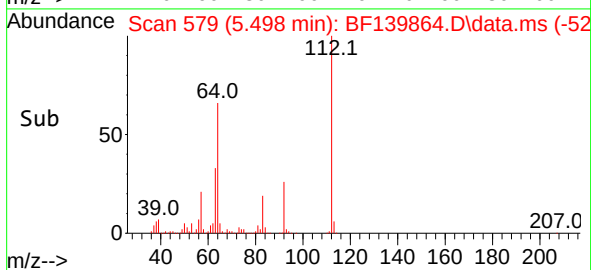
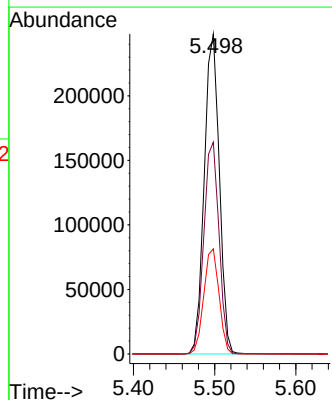
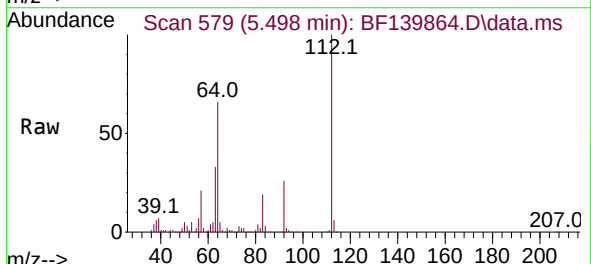
Instrument :
BNA_F
ClientSampleId :
PAD-4

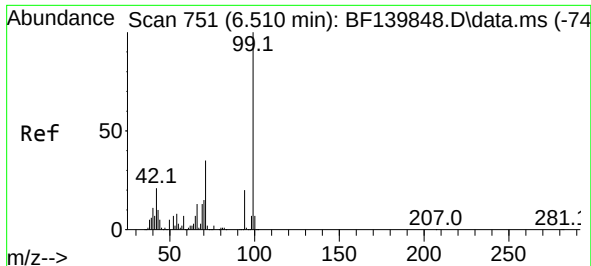
Tgt Ion:152 Resp: 128568
Ion Ratio Lower Upper
152 100
150 155.1 130.2 195.2
115 62.0 51.4 77.2



#5
2-Fluorophenol
Concen: 38.879 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

Tgt Ion:112 Resp: 319297
Ion Ratio Lower Upper
112 100
64 66.2 53.0 79.6
63 32.8 27.0 40.4

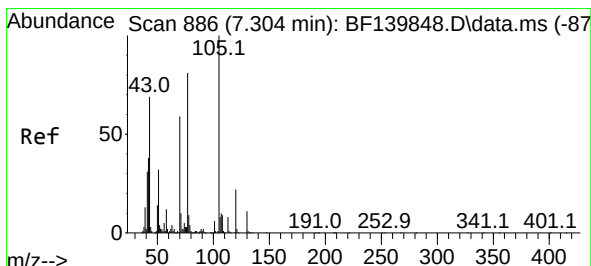
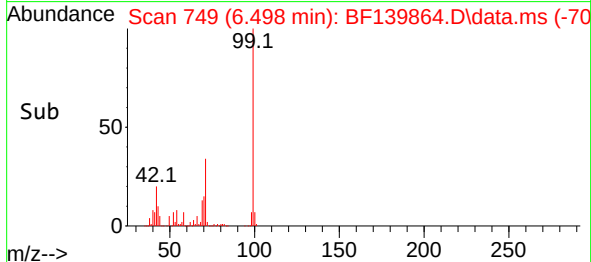
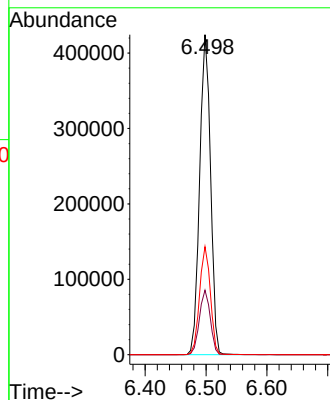
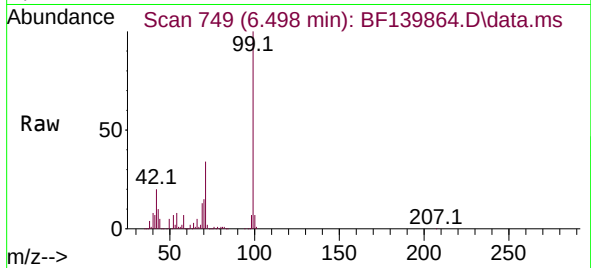




#7
Phenol-d6
Concen: 49.388 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

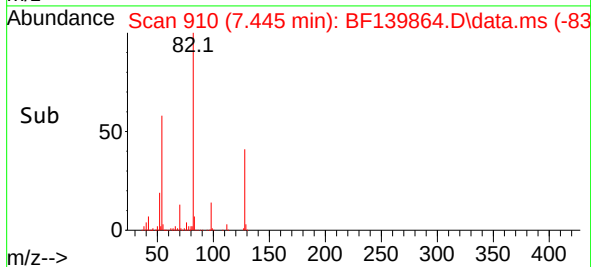
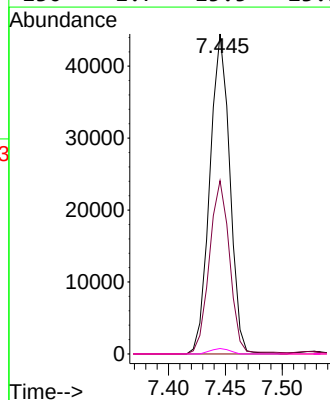
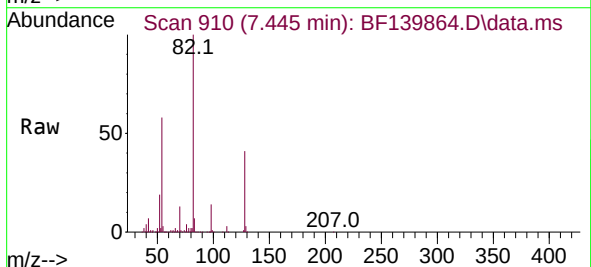
Instrument :
BNA_F
ClientSampleId :
PAD-4

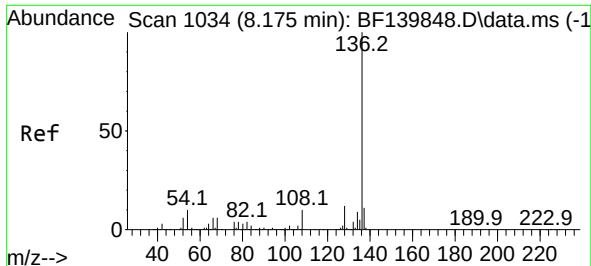
Tgt Ion: 99 Resp: 525323
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 33.7 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.420 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

Tgt Ion: 70 Resp: 54316
Ion Ratio Lower Upper
70 100
42 54.1 51.5 77.3
101 0.0 7.5 11.3#
130 1.7 15.5 23.3#



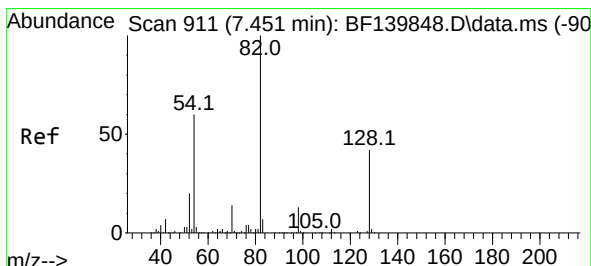
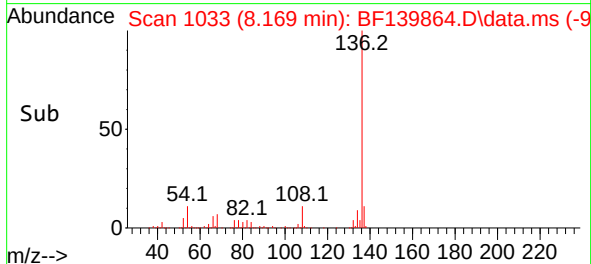
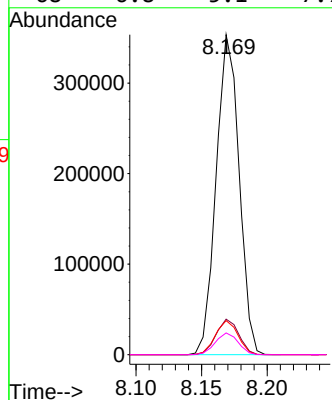
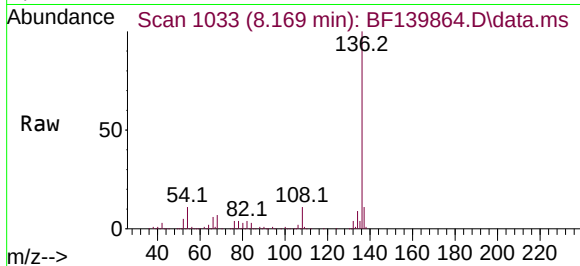


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

Instrument :
BNA_F
ClientSampleId :
PAD-4

Tgt Ion:136 Resp: 429920

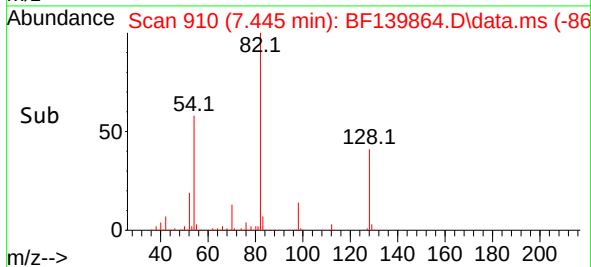
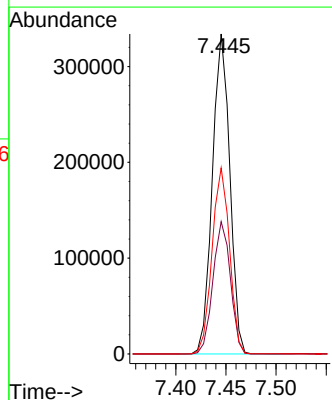
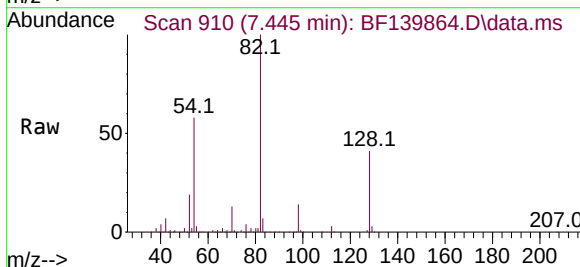
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.7	8.4	12.6
68	6.8	5.1	7.7

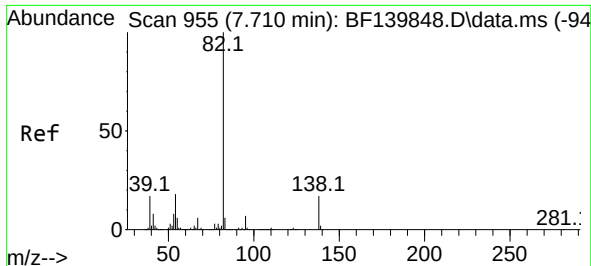


#23
Nitrobenzene-d5
Concen: 52.114 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

Tgt Ion: 82 Resp: 404245

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.4	50.0
54	58.2	47.8	71.8

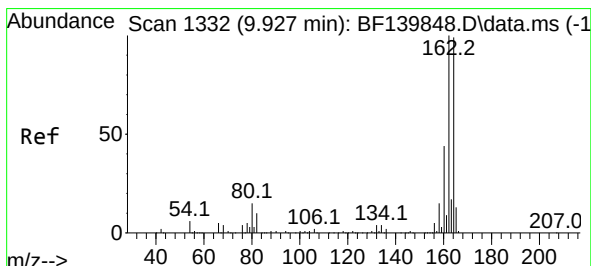
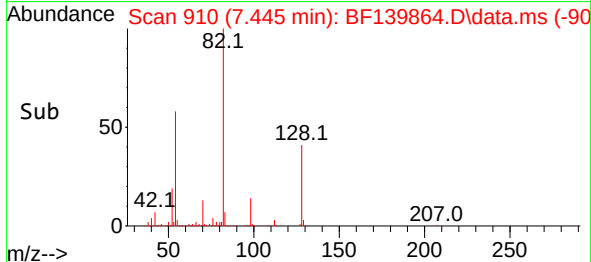
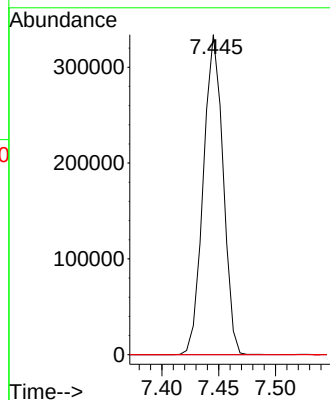
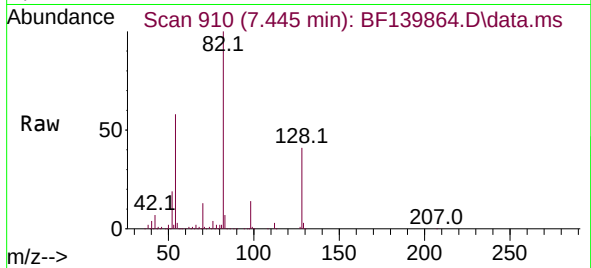




#25
Isophorone
Concen: 27.390 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

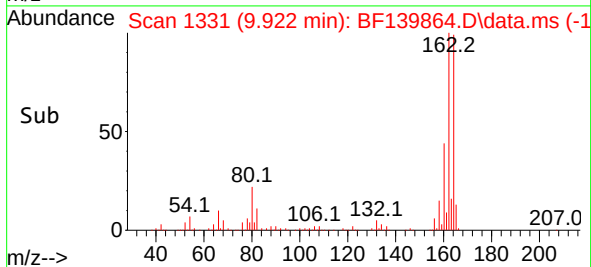
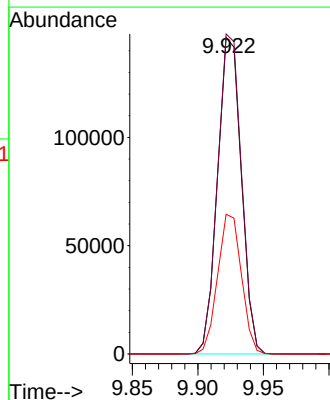
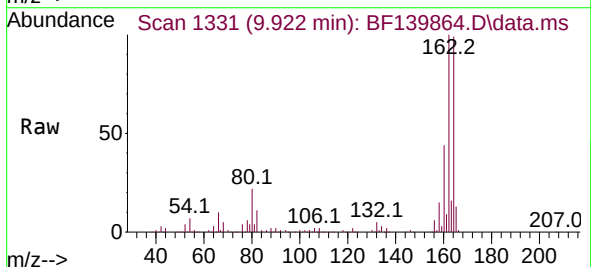
Instrument :
BNA_F
ClientSampleId :
PAD-4

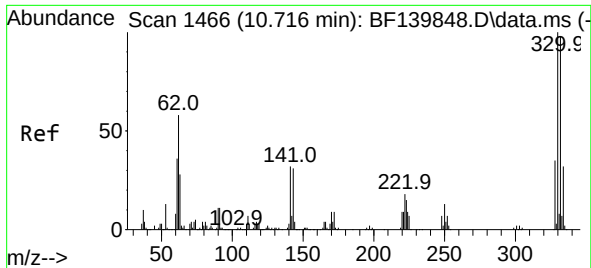
Tgt Ion: 82 Resp: 403258
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

Tgt Ion: 164 Resp: 184268
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 44.1 35.4 53.0

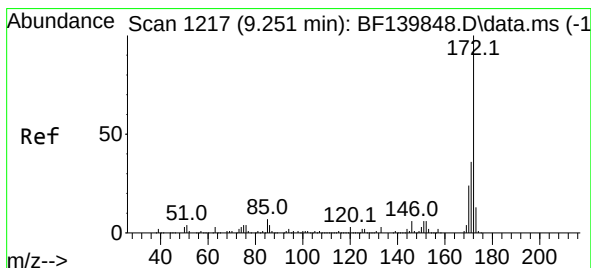
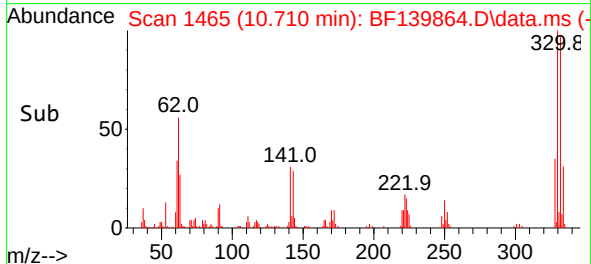
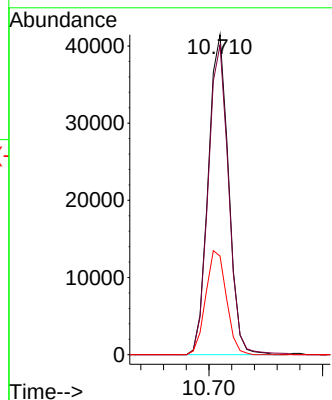
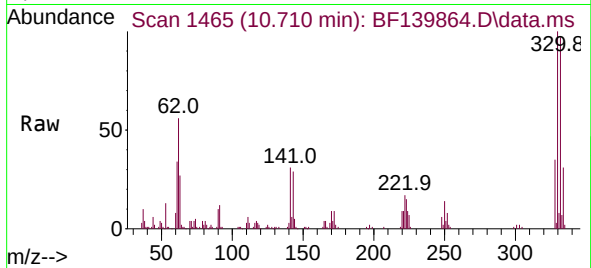




#42
2,4,6-Tribromophenol
Concen: 29.783 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

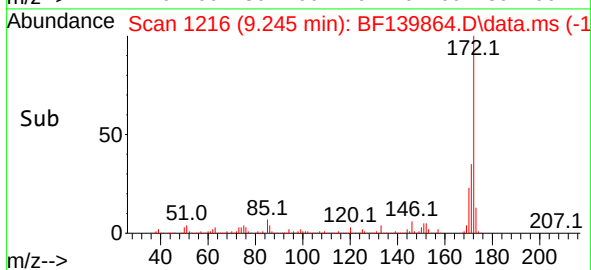
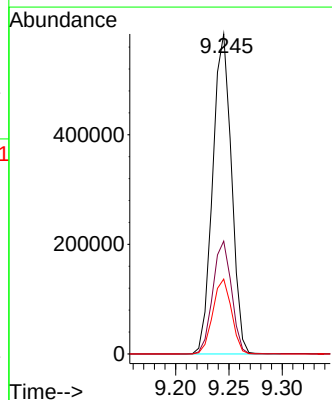
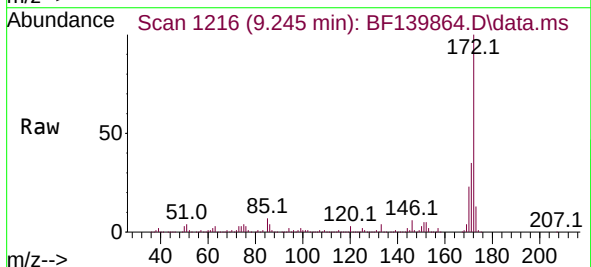
Instrument :
BNA_F
ClientSampleId :
PAD-4

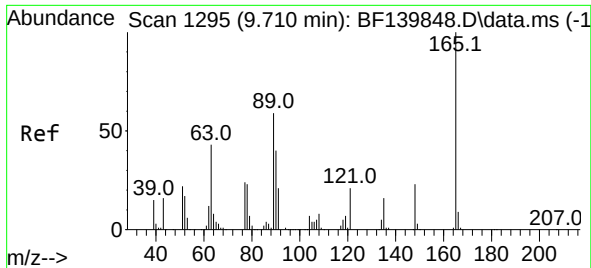
Tgt Ion: 330 Resp: 51333
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 33.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 64.174 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

Tgt Ion: 172 Resp: 715511
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.4 19.1 28.7

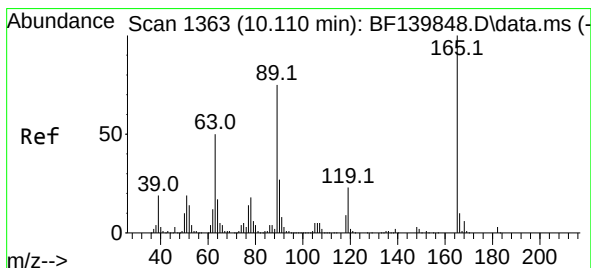
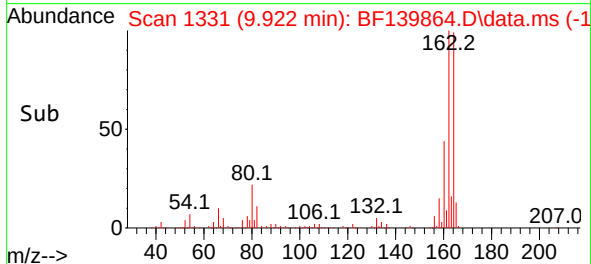
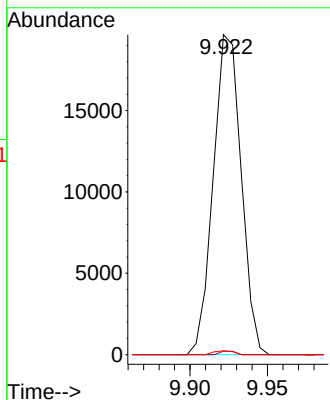
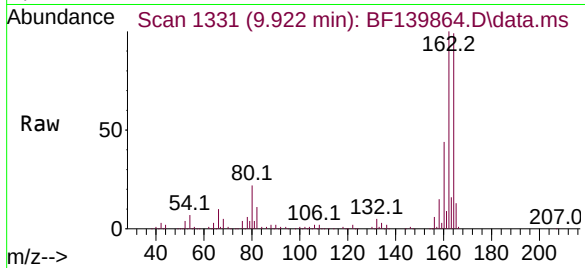




#51
2,6-Dinitrotoluene
Concen: 9.925 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

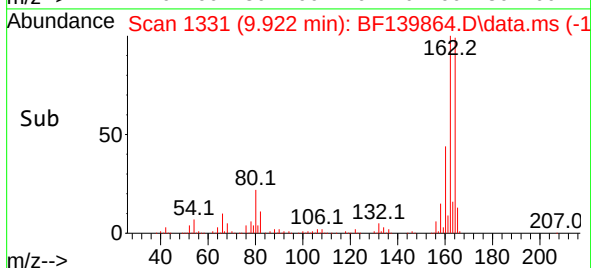
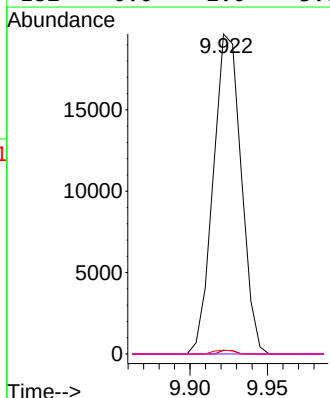
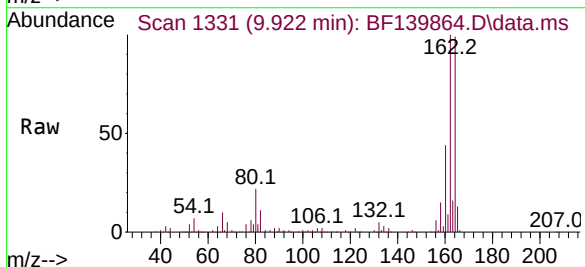
Instrument :
BNA_F
ClientSampleId :
PAD-4

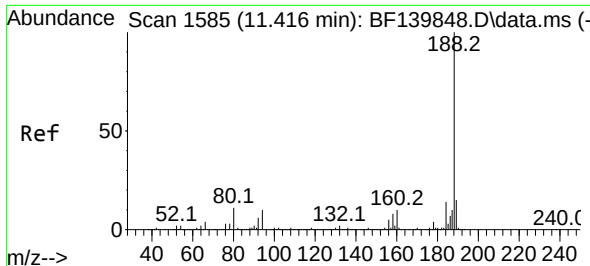
Tgt Ion:165 Resp: 24666
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 8.071 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

Tgt Ion:165 Resp: 24666
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#

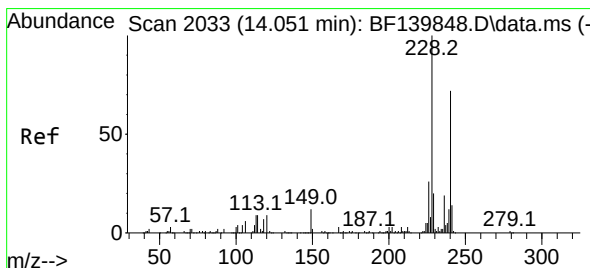
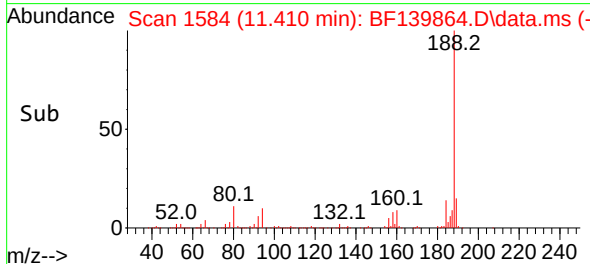
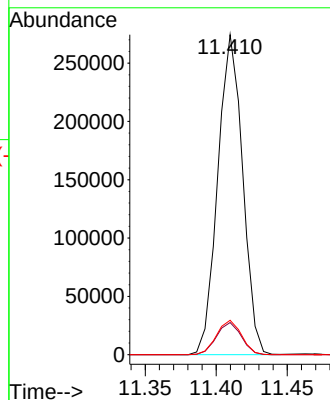
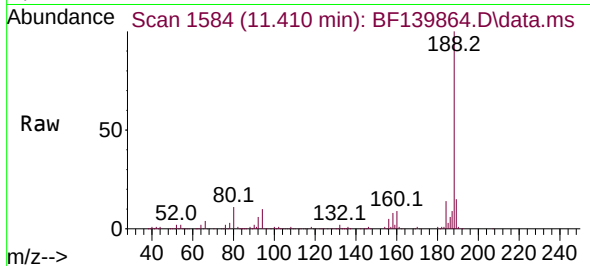




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

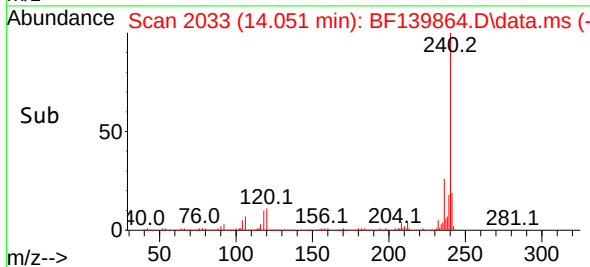
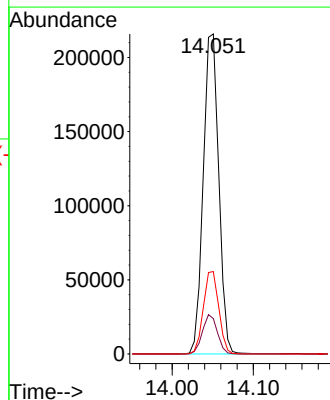
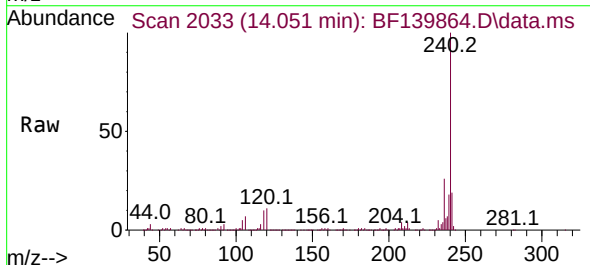
Instrument :
BNA_F
ClientSampleId :
PAD-4

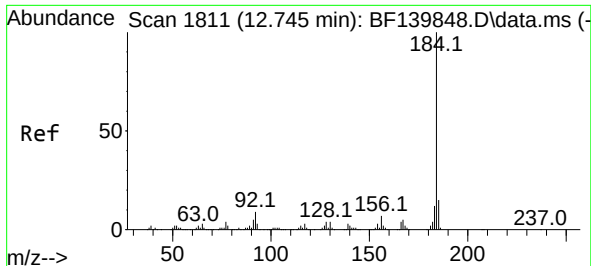
Tgt Ion:188 Resp: 333846
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 10.8 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

Tgt Ion:240 Resp: 286044
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 25.8 20.9 31.3

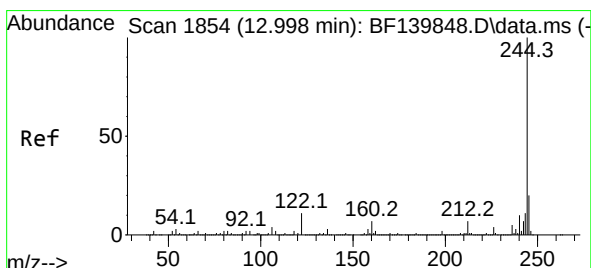
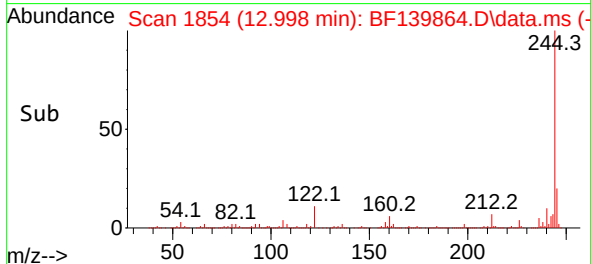
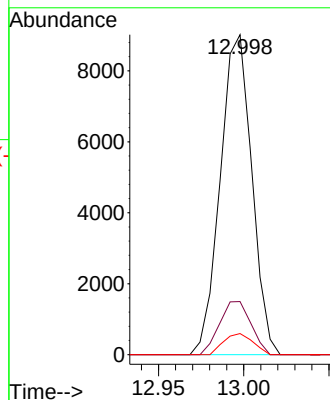
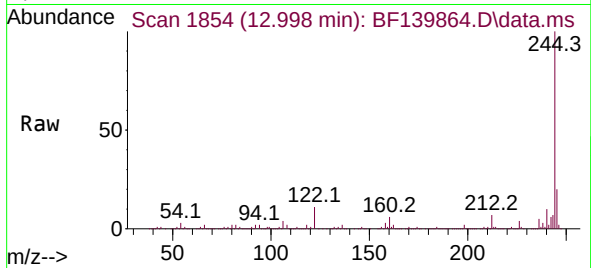




#77
Benzidine
Concen: 2.472 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

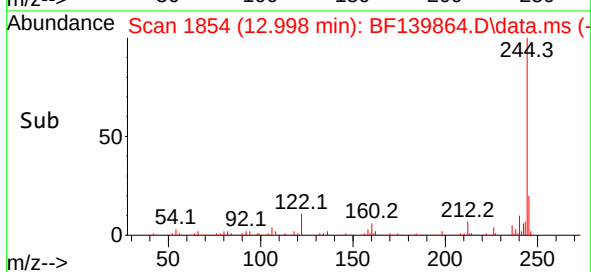
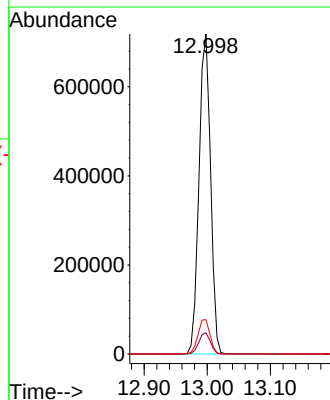
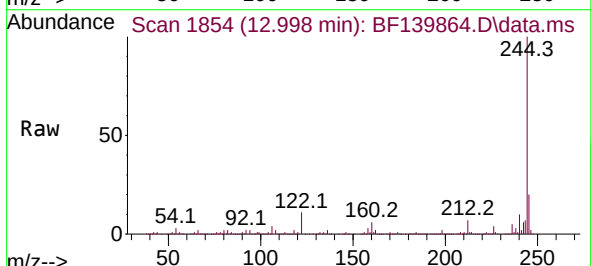
Instrument :
BNA_F
ClientSampleId :
PAD-4

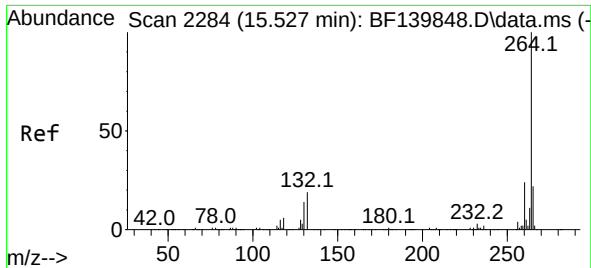
Tgt Ion:184 Resp: 11628
Ion Ratio Lower Upper
184 100
185 16.6 12.0 18.0
183 6.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 51.878 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

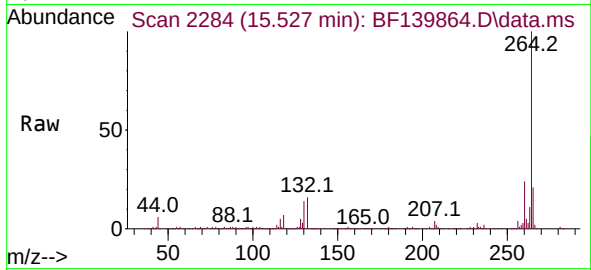
Tgt Ion:244 Resp: 910676
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 10.7 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139864.D
Acq: 18 Oct 2024 20:05

Instrument :
BNA_F
ClientSampleId :
PAD-4



Tgt Ion:	264	Resp:	194650
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.2	17.4	26.0

