

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140193.D
 Acq On : 31 Oct 2024 17:01
 Operator : RC/JU
 Sample : P4578-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-305-SW

Quant Time: Nov 01 01:14:07 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)

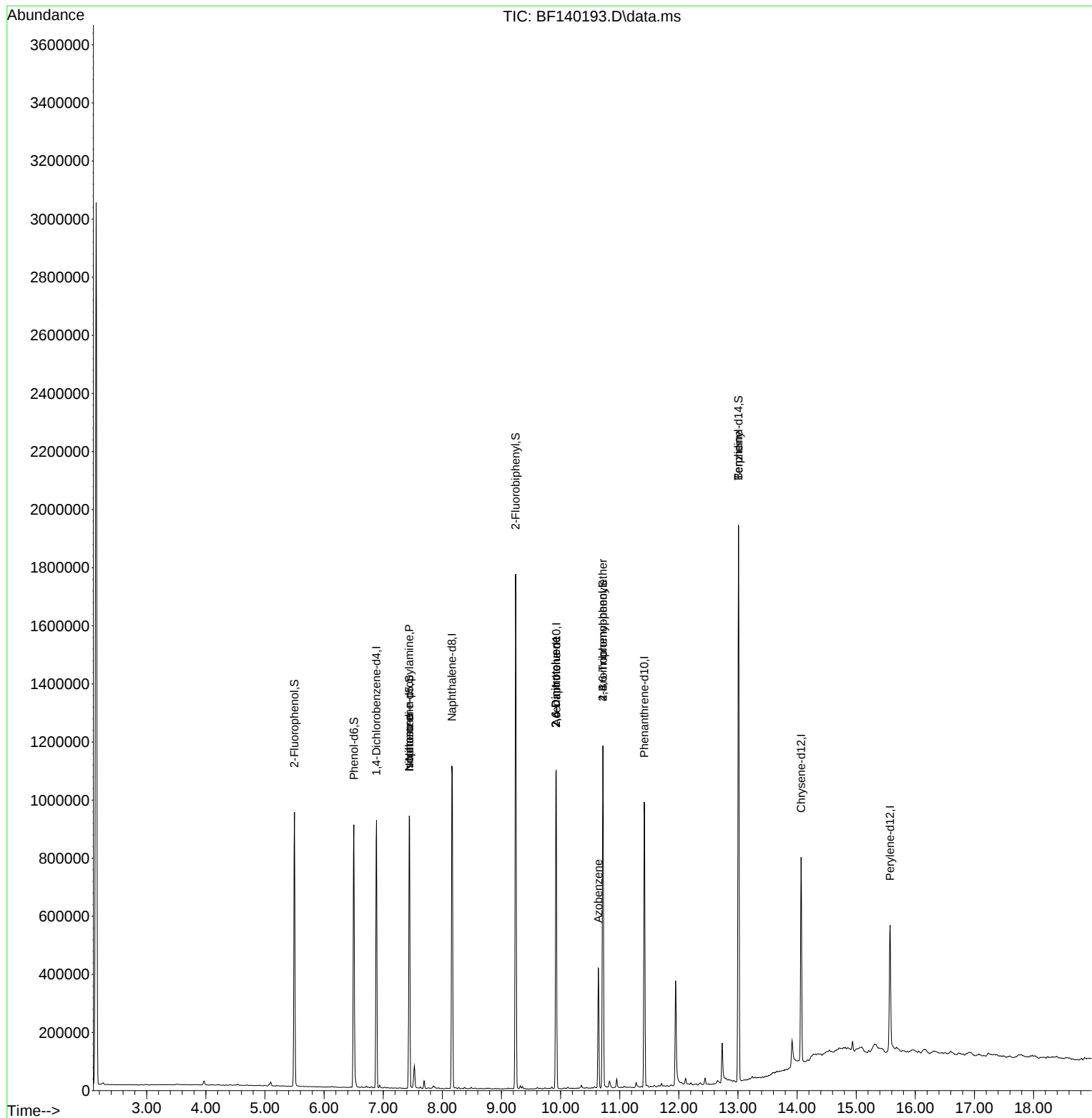
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	185491	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	676798	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	334897	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	527934	20.000	ng	0.00
76) Chrysene-d12	14.068	240	330677	20.000	ng	0.02
86) Perylene-d12	15.574	264	264306	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	325476	27.469	ng	0.00
7) Phenol-d6	6.504	99	390383	25.439	ng	0.00
23) Nitrobenzene-d5	7.439	82	414358	33.932	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	189605	60.528	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	758874	37.450	ng	-0.01
79) Terphenyl-d14	13.010	244	951394	46.882	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	55789	5.994	ng	# 80
25) Isophorone	7.439	82	413398	17.836	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	42970	9.514	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	42970	7.736	ng	# 21
63) Azobenzene	10.639	77	102912	4.740	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	12340	2.269	ng	# 1
77) Benzidine	13.010	184	13255	2.438	ng	# 90

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

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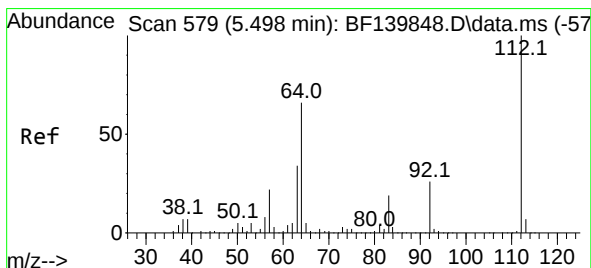
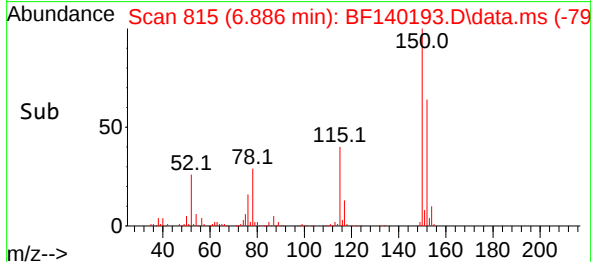
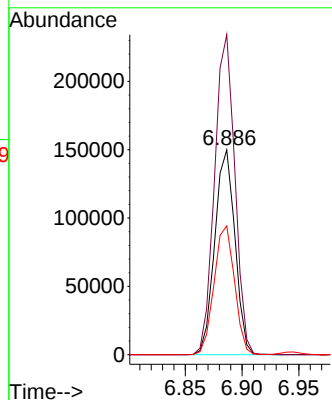
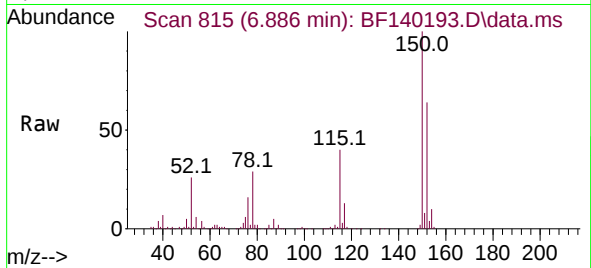




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140193.D
Acq: 31 Oct 2024 17:01

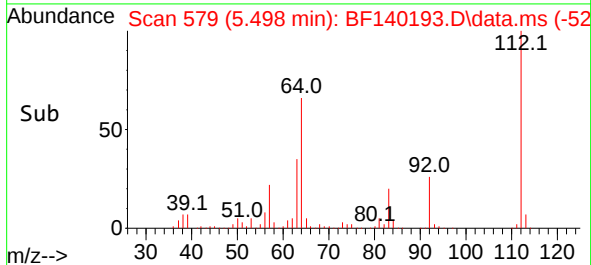
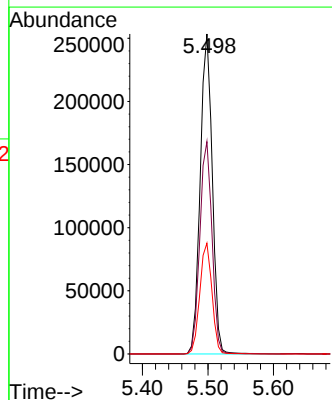
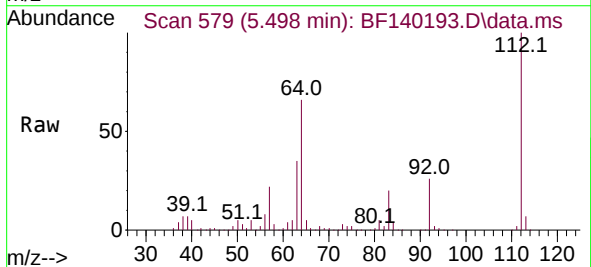
Instrument :
BNA_F
ClientSampleId :
WB-305-SW

Tgt Ion:152 Resp: 185491
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 62.9 51.4 77.2



#5
2-Fluorophenol
Concen: 27.469 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140193.D
Acq: 31 Oct 2024 17:01

Tgt Ion:112 Resp: 325476
Ion Ratio Lower Upper
112 100
64 66.3 53.0 79.6
63 34.6 27.0 40.4

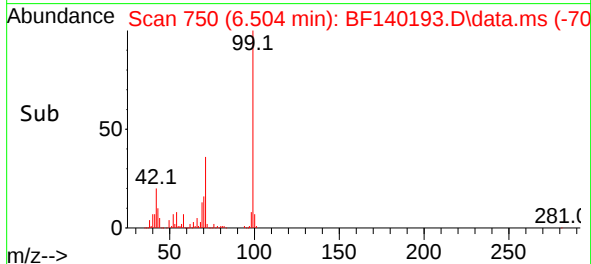
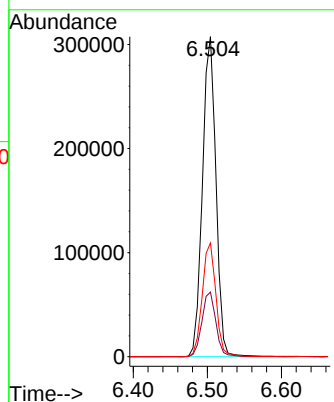
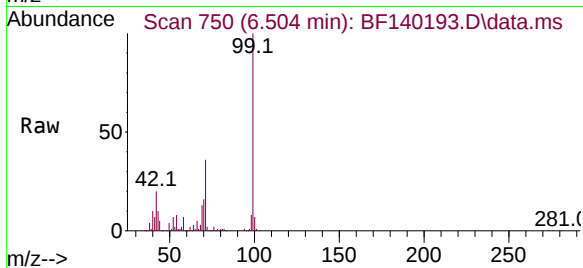




#7
Phenol-d6
Concen: 25.439 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140193.D
Acq: 31 Oct 2024 17:01

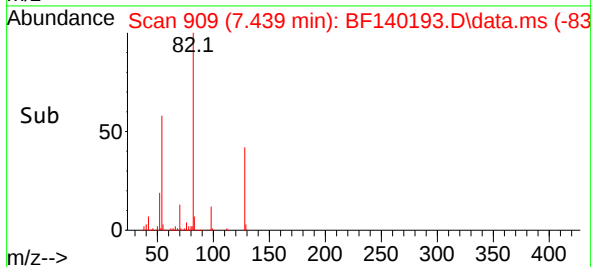
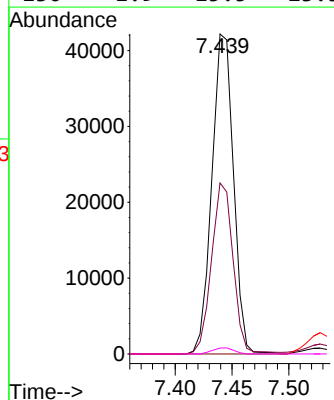
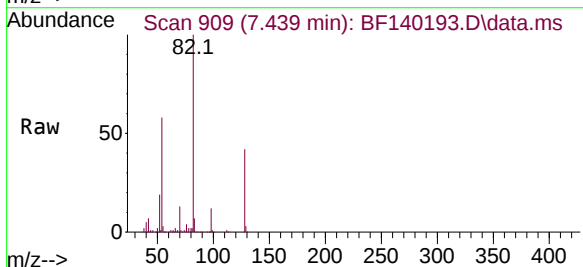
Instrument :
BNA_F
ClientSampleId :
WB-305-SW

Tgt Ion: 99 Resp: 390383
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 35.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 5.994 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF140193.D
Acq: 31 Oct 2024 17:01

Tgt Ion: 70 Resp: 55789
Ion Ratio Lower Upper
70 100
42 53.4 51.5 77.3
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



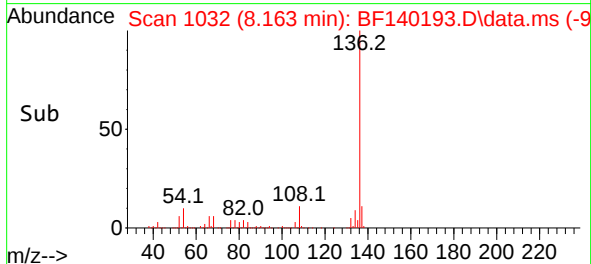
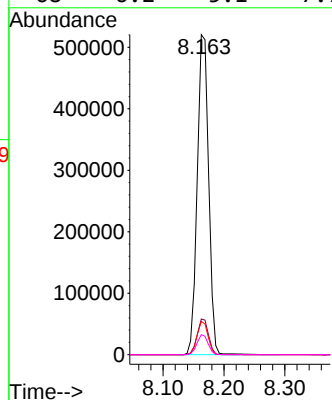
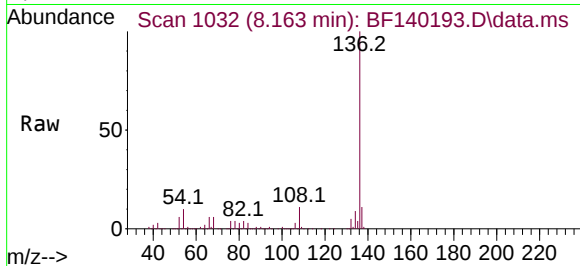


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF140193.D
Acq: 31 Oct 2024 17:01

Instrument :
BNA_F
ClientSampleId :
WB-305-SW

Tgt Ion:136 Resp: 676798

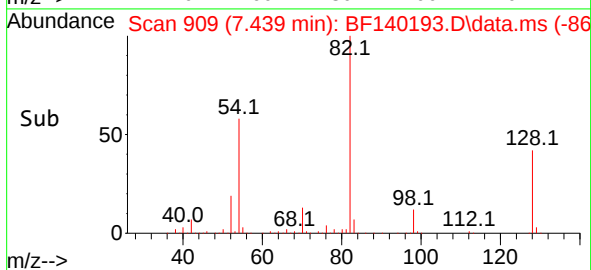
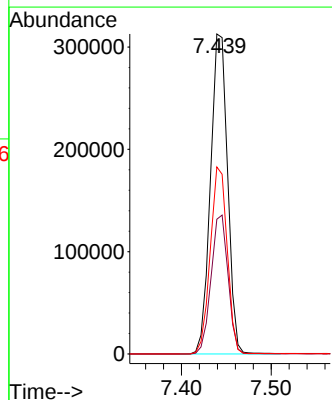
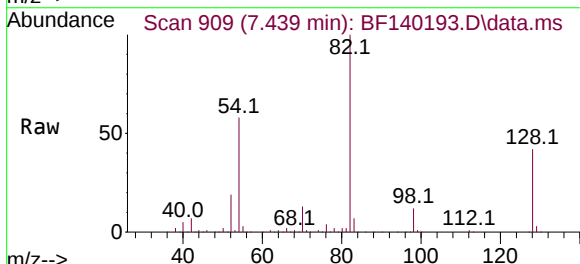
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.4	8.4	12.6
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 33.932 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140193.D
Acq: 31 Oct 2024 17:01

Tgt Ion: 82 Resp: 414358

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.0
54	58.4	47.8	71.8

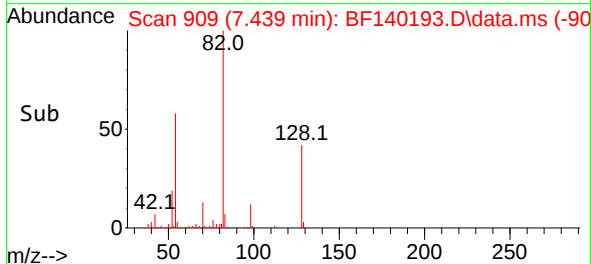
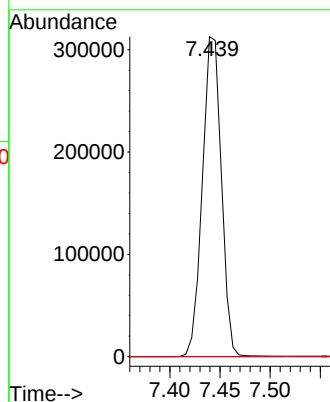
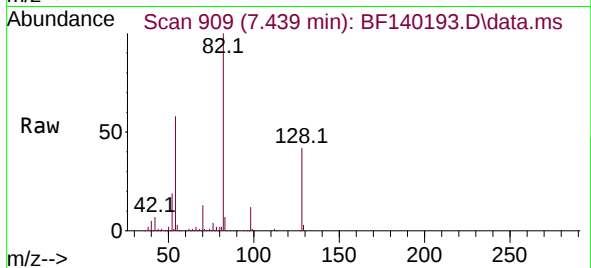




#25
Isophorone
Concen: 17.836 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.271 min
Lab File: BF140193.D
Acq: 31 Oct 2024 17:01

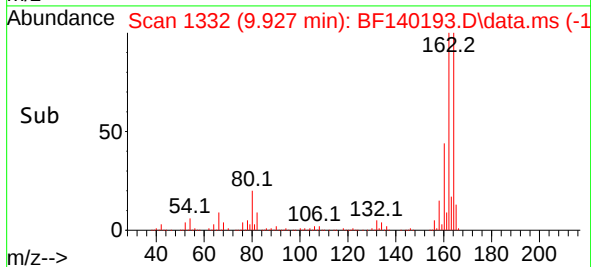
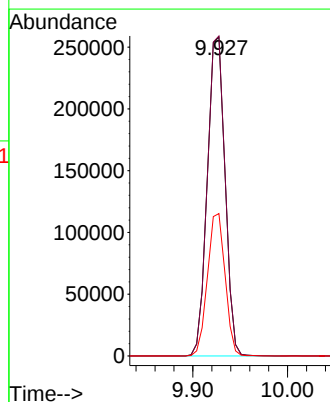
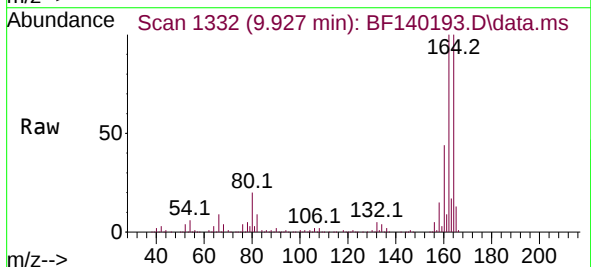
Instrument :
BNA_F
ClientSampleId :
WB-305-SW

Tgt Ion: 82 Resp: 413398
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: BF140193.D
Acq: 31 Oct 2024 17:01

Tgt Ion:164 Resp: 334897
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 60.528 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140193.D

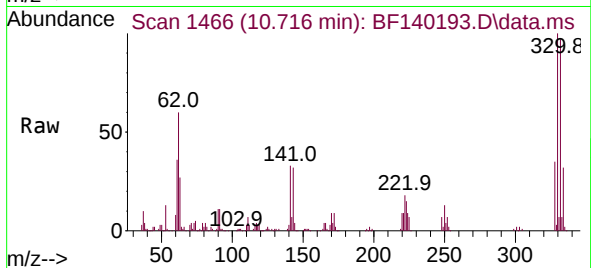
Acq: 31 Oct 2024 17:01

Instrument :

BNA_F

ClientSampleId :

WB-305-SW



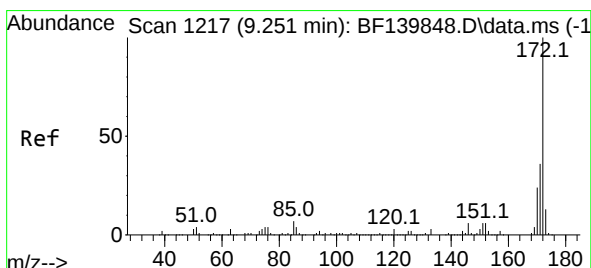
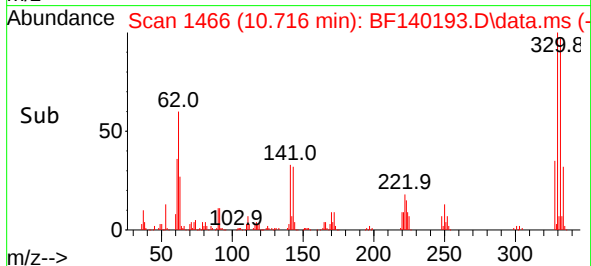
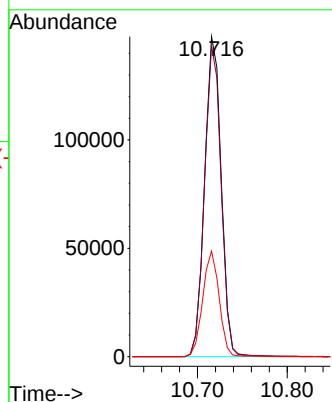
Tgt Ion:330 Resp: 189605

Ion Ratio Lower Upper

330 100

332 97.3 78.1 117.1

141 32.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 37.450 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140193.D

Acq: 31 Oct 2024 17:01

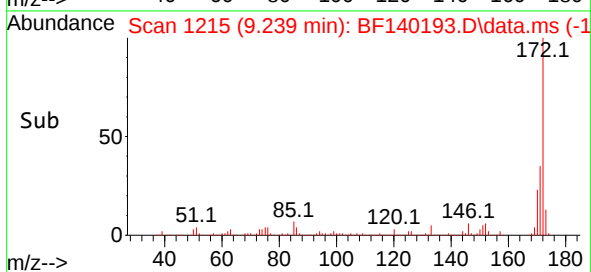
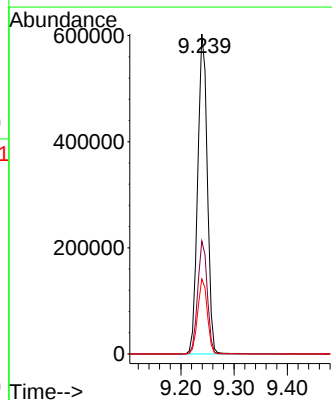
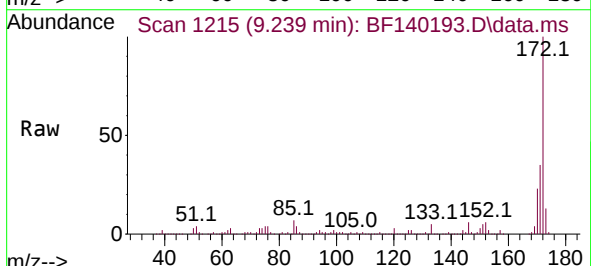
Tgt Ion:172 Resp: 758874

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.5 19.1 28.7

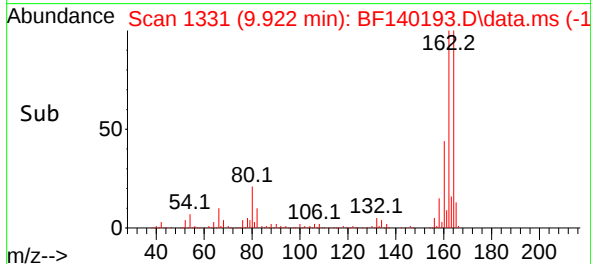
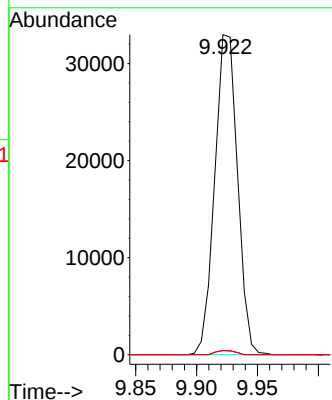
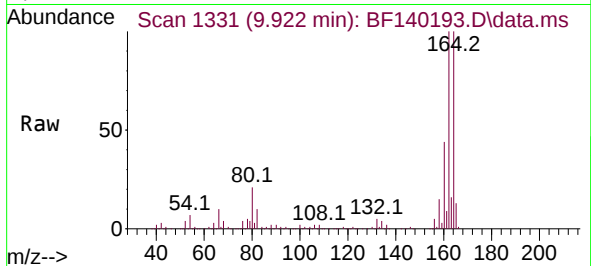




#51
2,6-Dinitrotoluene
Concen: 9.514 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140193.D
Acq: 31 Oct 2024 17:01

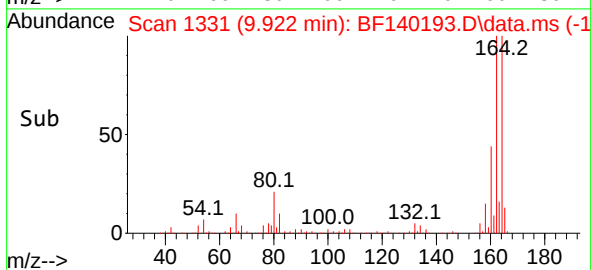
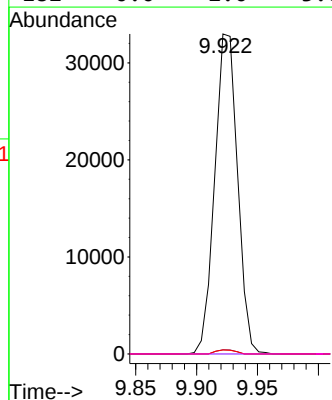
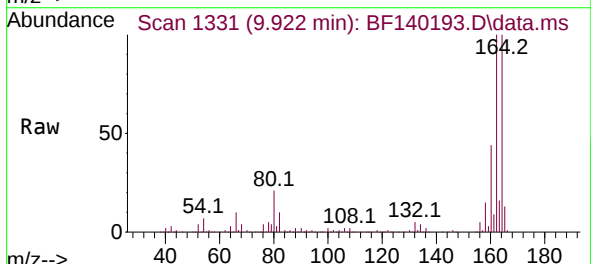
Instrument :
BNA_F
ClientSampleId :
WB-305-SW

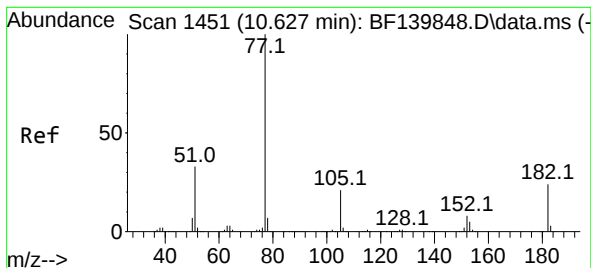
Tgt Ion:165 Resp: 42970
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.736 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140193.D
Acq: 31 Oct 2024 17:01

Tgt Ion:165 Resp: 42970
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 4.740 ng

RT: 10.639 min Scan# 1453

Delta R.T. 0.012 min

Lab File: BF140193.D

Acq: 31 Oct 2024 17:01

Instrument :

BNA_F

ClientSampleId :

WB-305-SW

Tgt Ion: 77 Resp: 102912

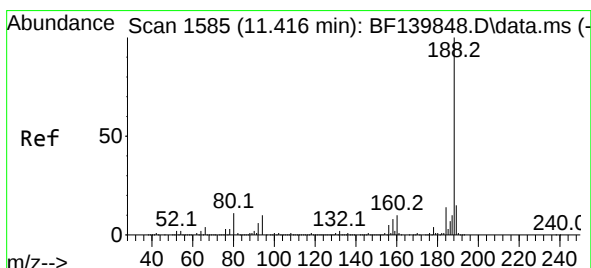
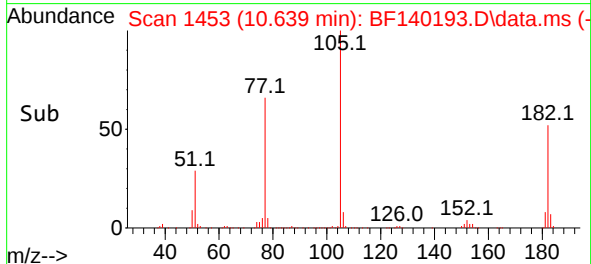
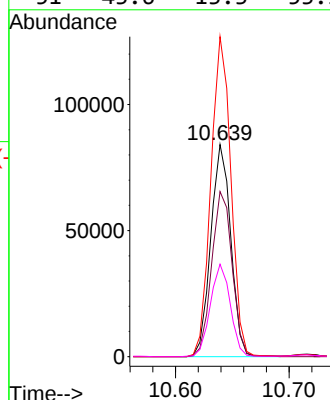
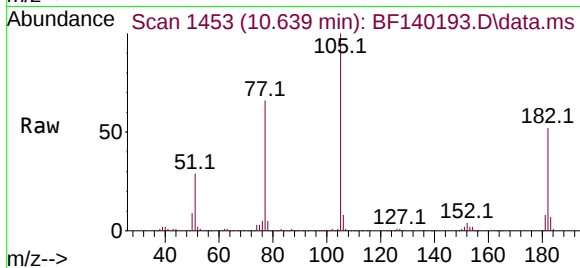
Ion Ratio Lower Upper

77 100

182 77.8 3.3 43.3#

105 150.8 1.2 41.2#

51 43.6 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: BF140193.D

Acq: 31 Oct 2024 17:01

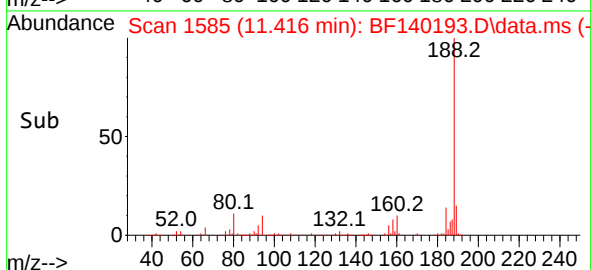
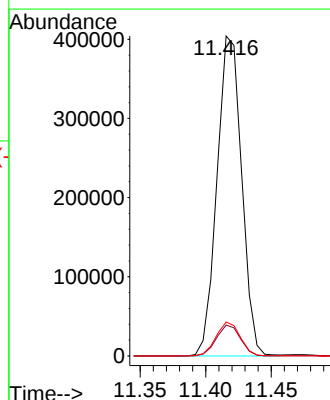
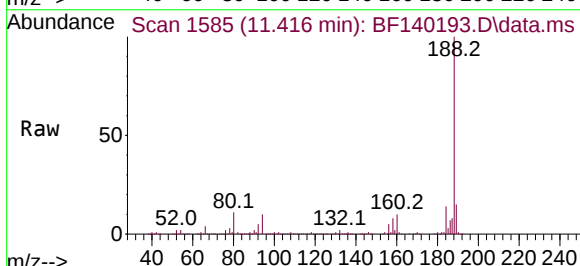
Tgt Ion:188 Resp: 527934

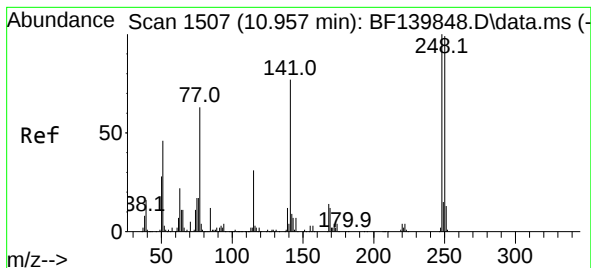
Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.6 9.0 13.4

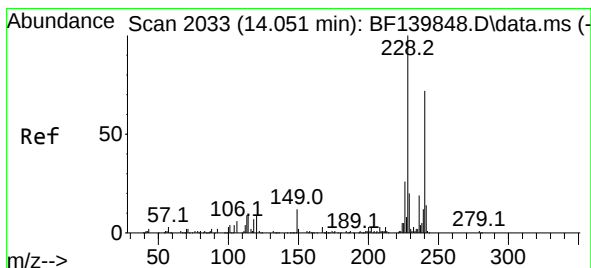
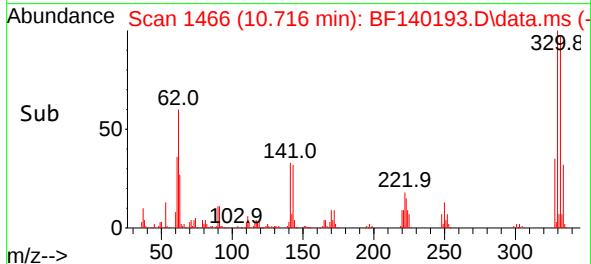
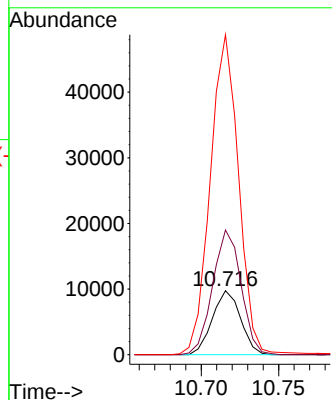
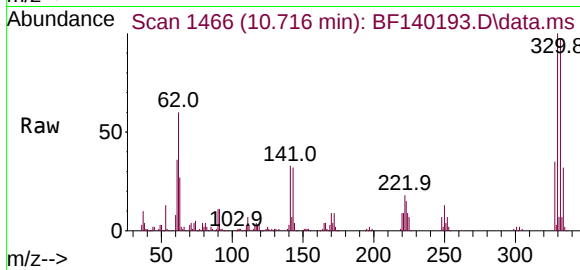




#67
4-Bromophenyl-phenylether
Concen: 2.269 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140193.D
Acq: 31 Oct 2024 17:01

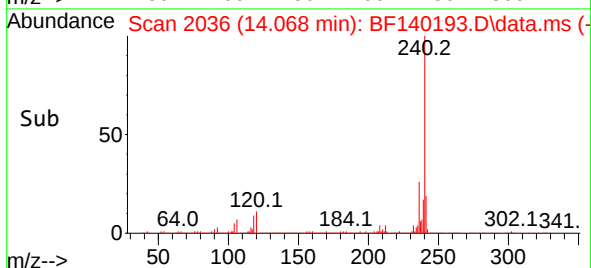
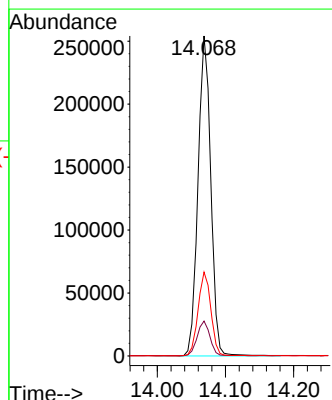
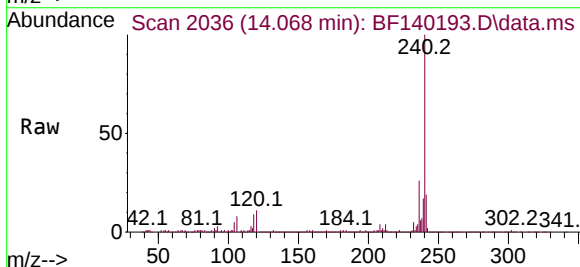
Instrument :
BNA_F
ClientSampleId :
WB-305-SW

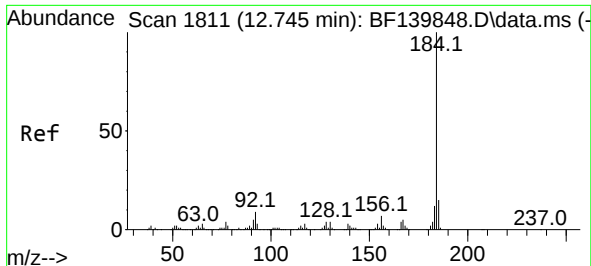
Tgt Ion:248 Resp: 12340
Ion Ratio Lower Upper
248 100
250 194.7 79.0 118.6#
141 499.8 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140193.D
Acq: 31 Oct 2024 17:01

Tgt Ion:240 Resp: 330677
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 26.2 20.9 31.3

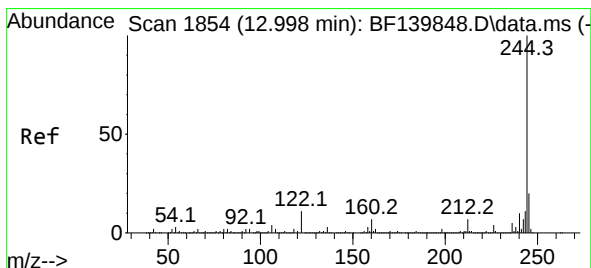
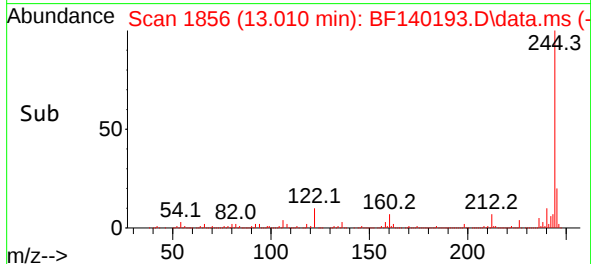
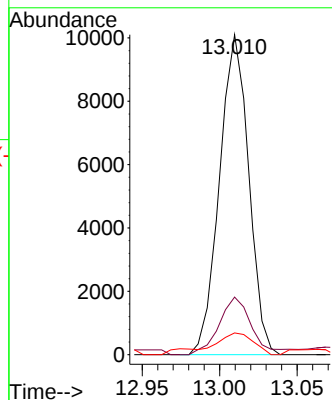
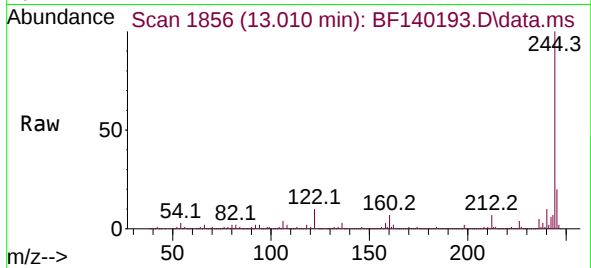




#77
Benzidine
Concen: 2.438 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.265 min
Lab File: BF140193.D
Acq: 31 Oct 2024 17:01

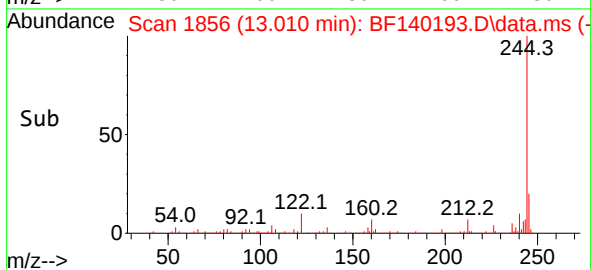
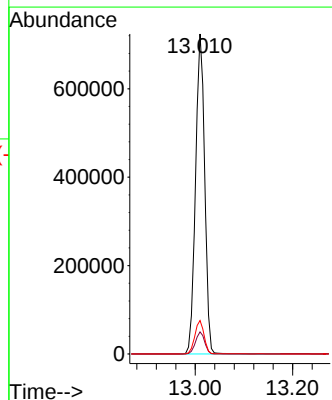
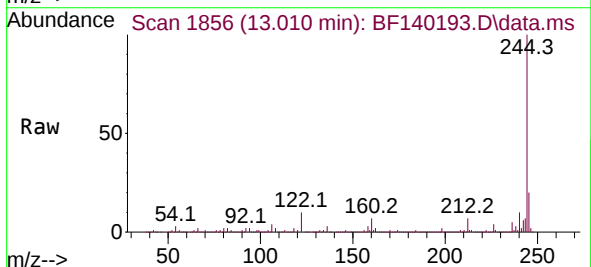
Instrument :
BNA_F
ClientSampleId :
WB-305-SW

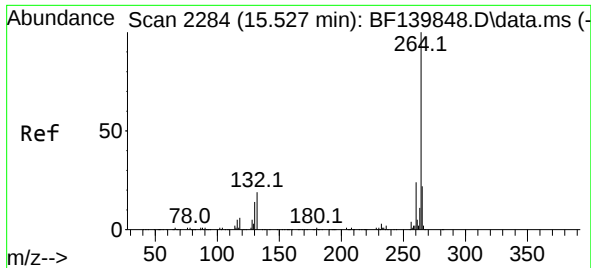
Tgt Ion:184 Resp: 13255
Ion Ratio Lower Upper
184 100
185 18.0 12.0 18.0#
183 6.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 46.882 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.012 min
Lab File: BF140193.D
Acq: 31 Oct 2024 17:01

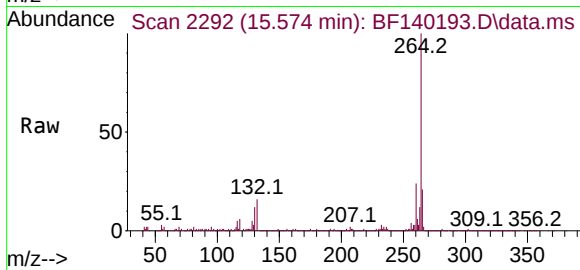
Tgt Ion:244 Resp: 951394
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.4 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: BF140193.D
 Acq: 31 Oct 2024 17:01

Instrument :
 BNA_F
 ClientSampleId :
 WB-305-SW



Tgt Ion:264 Resp: 264306
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.1 17.4 26.0

