

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139661.D
 Acq On : 04 Oct 2024 16:58
 Operator : RC/JU
 Sample : P4254-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-147-SLUDGE

Quant Time: Oct 04 17:26:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

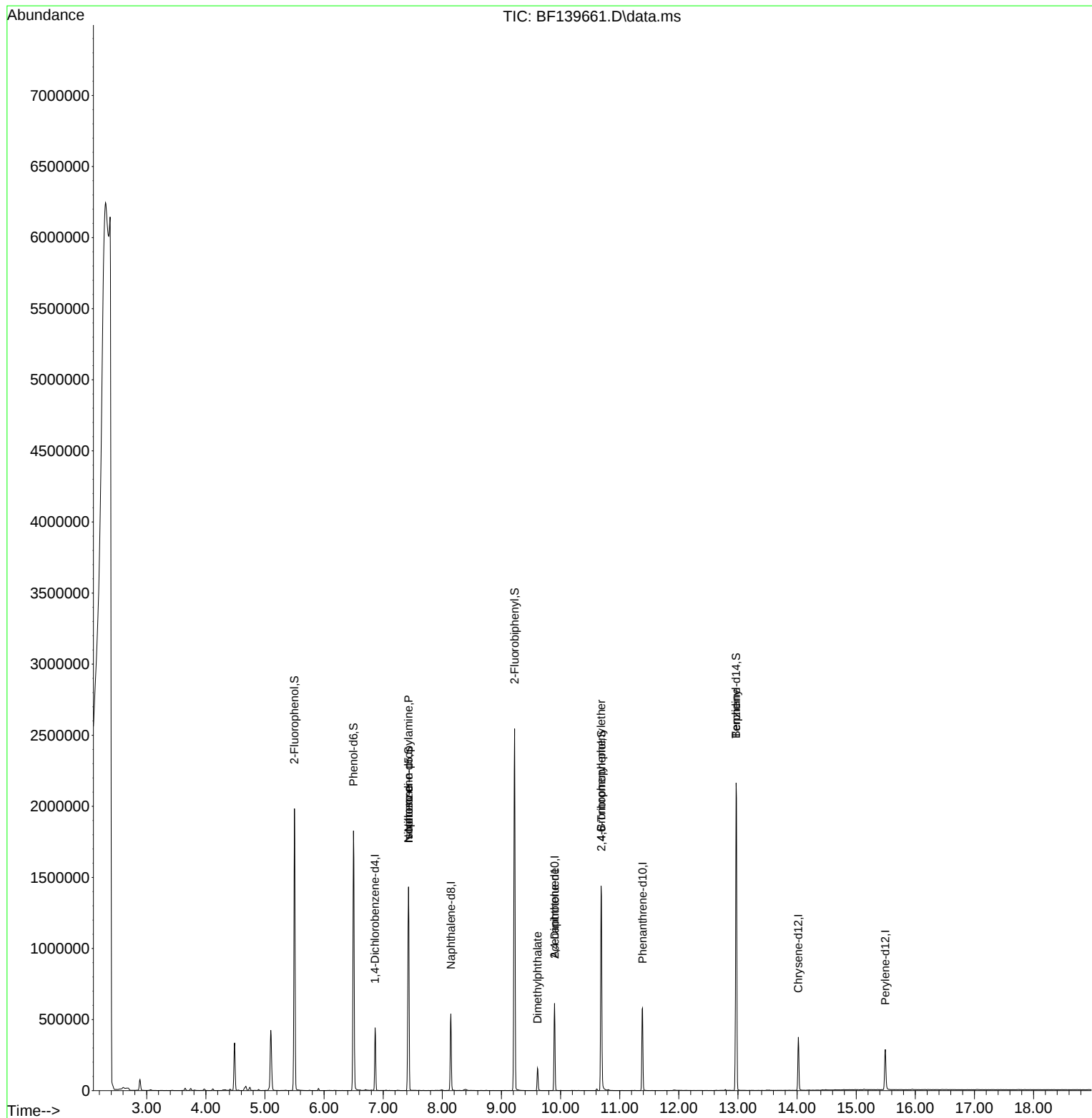
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	87057	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	326640	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	176935	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	321769	20.000	ng	0.00
76) Chrysene-d12	14.021	240	177972	20.000	ng	-0.01
86) Perylene-d12	15.492	264	166728	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	686989	136.775	ng	0.01
7) Phenol-d6	6.498	99	836820	123.890	ng	0.00
23) Nitrobenzene-d5	7.428	82	636003	98.583	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	236834	138.660	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1134738	98.456	ng	0.00
79) Terphenyl-d14	12.969	244	1098216	101.251	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	87316	20.107	ng	Qvalue # 76
25) Isophorone	7.428	82	631936	55.150	ng	# 66
50) Dimethylphthalate	9.610	163	90326	7.799	ng	99
57) 2,4-Dinitrotoluene	9.898	165	22559	6.596	ng	# 17
67) 4-Bromophenyl-phenylether	10.686	248	15564	4.718	ng	# 1
77) Benzidine	12.969	184	14668	4.673	ng	# 90

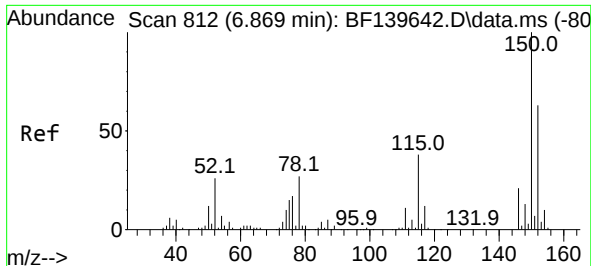
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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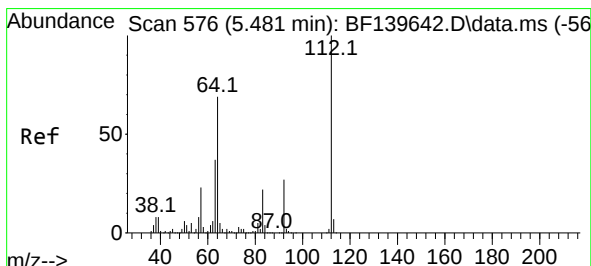
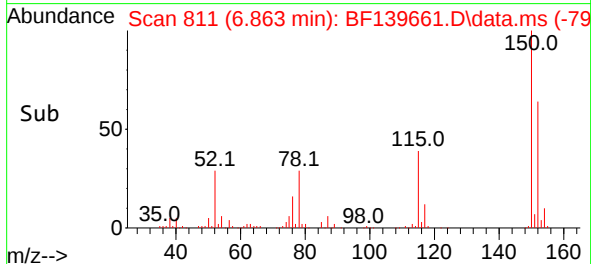
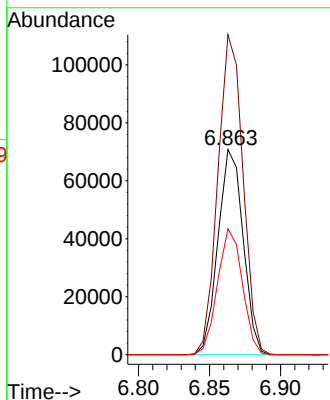
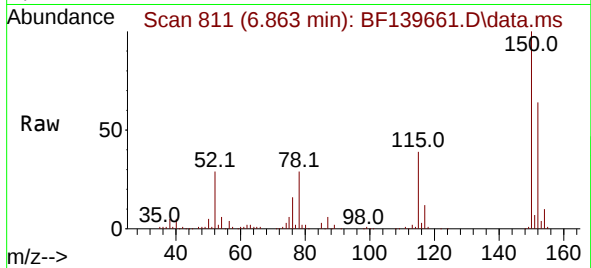




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

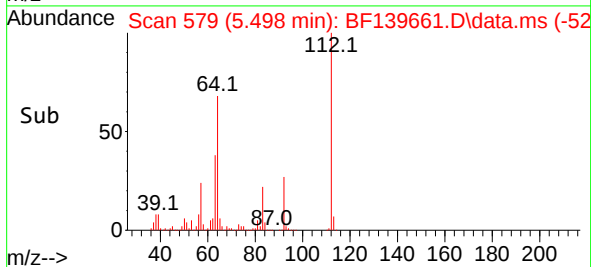
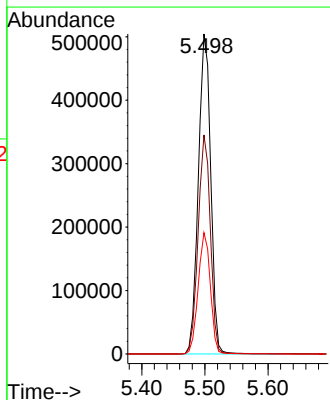
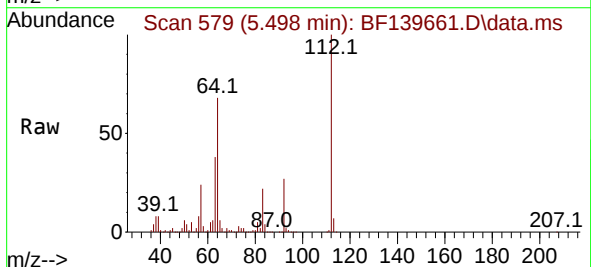
Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

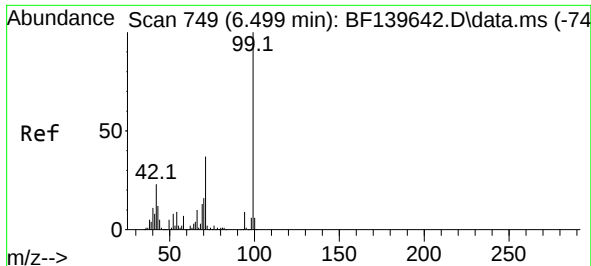
Tgt Ion:152 Resp: 87057
Ion Ratio Lower Upper
152 100
150 156.1 127.2 190.8
115 61.3 49.0 73.4



#5
2-Fluorophenol
Concen: 136.775 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

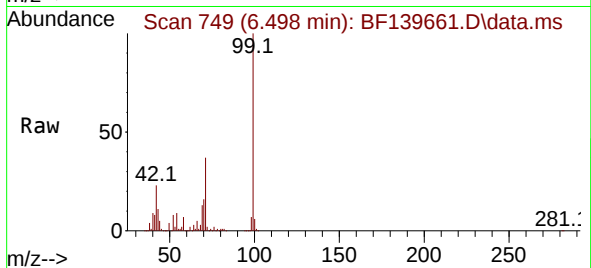
Tgt Ion:112 Resp: 686989
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 37.9 29.4 44.2



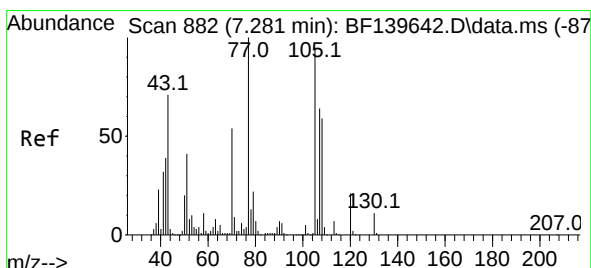
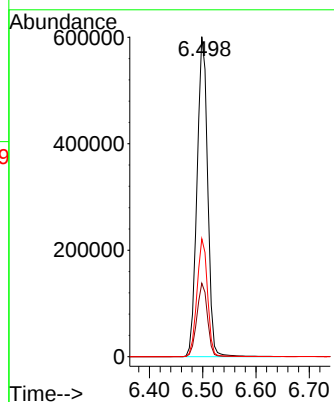
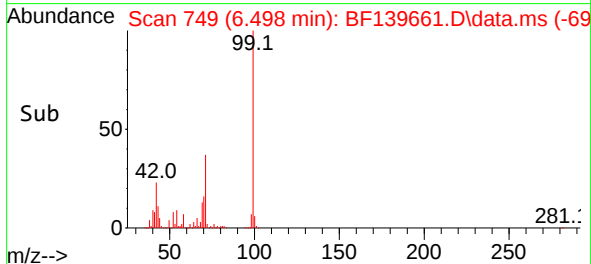


#7
Phenol-d6
Concen: 123.890 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

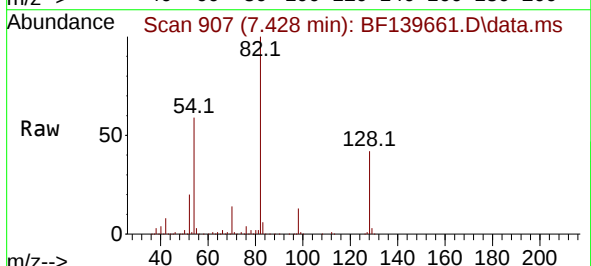
Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE



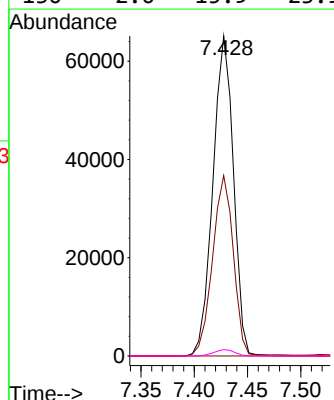
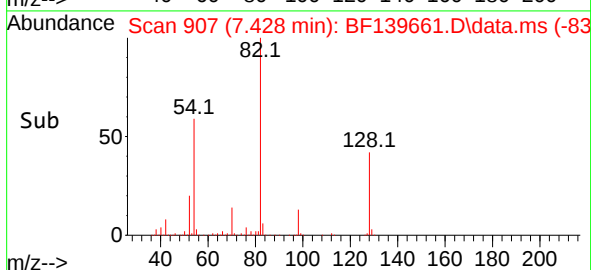
Tgt Ion: 99 Resp: 836820
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 36.8 29.7 44.5

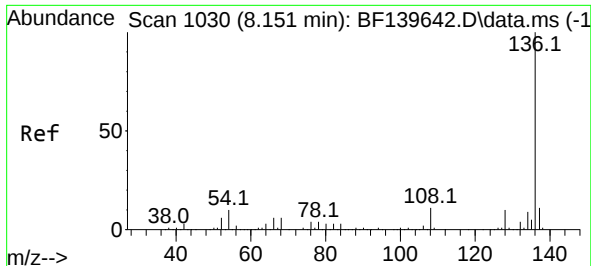


#19
n-Nitroso-di-n-propylamine
Concen: 20.107 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58



Tgt Ion: 70 Resp: 87316
Ion Ratio Lower Upper
70 100
42 56.3 58.0 87.0#
101 0.0 7.8 11.8#
130 2.0 15.9 23.9#

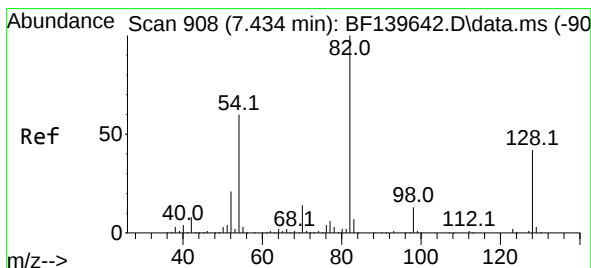
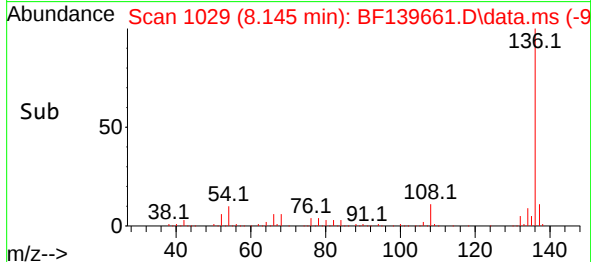
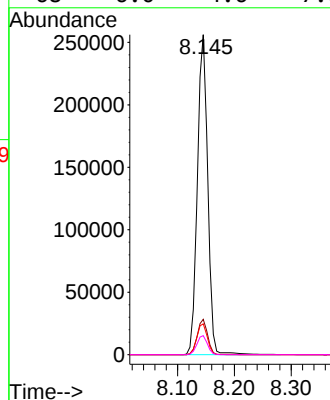
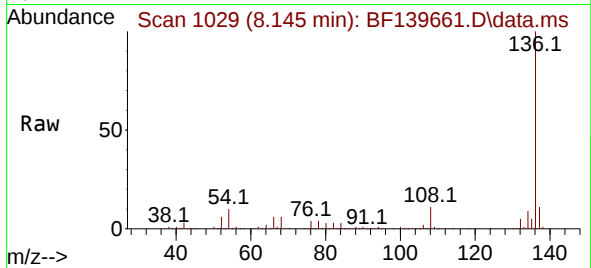




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

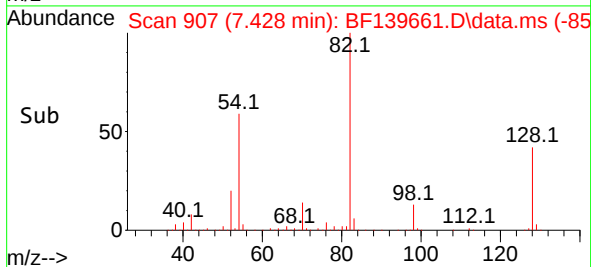
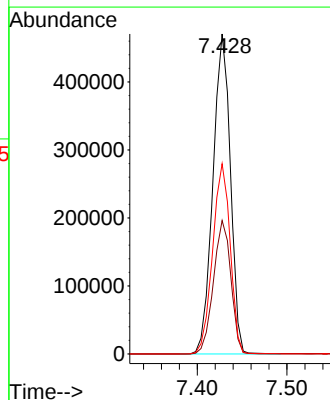
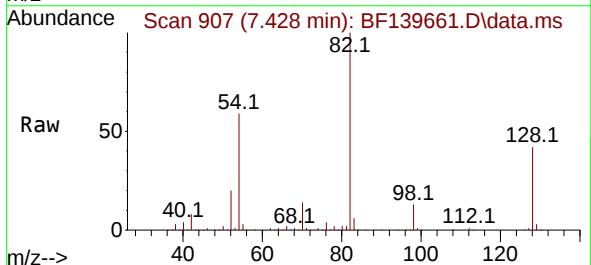
Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

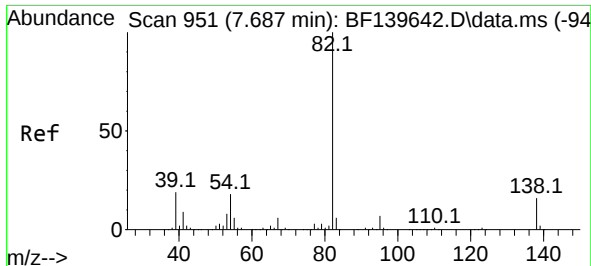
Tgt Ion:136 Resp: 326640
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.7 8.3 12.5
68 6.0 4.6 7.0



#23
Nitrobenzene-d5
Concen: 98.583 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

Tgt Ion: 82 Resp: 636003
Ion Ratio Lower Upper
82 100
128 41.7 32.4 48.6
54 59.5 49.1 73.7

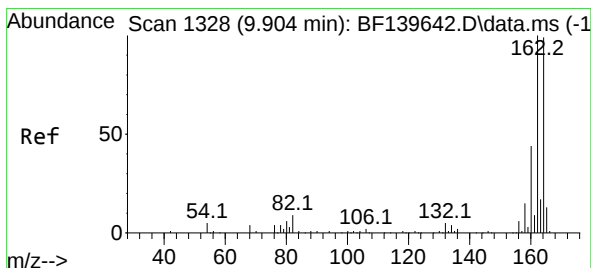
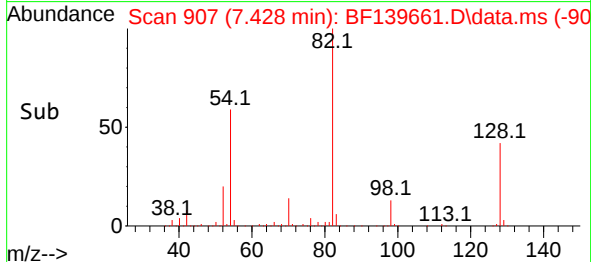
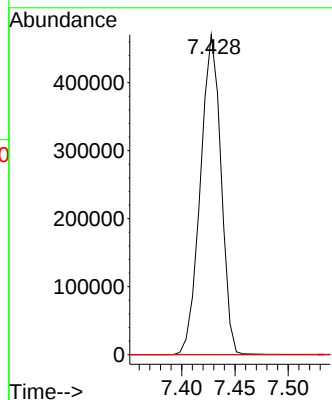
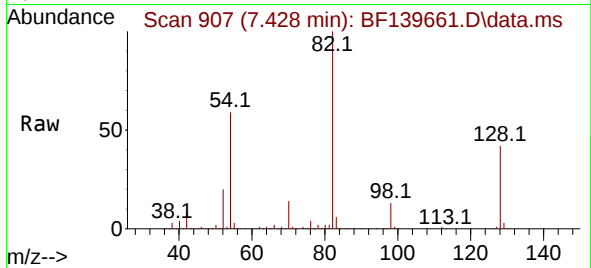




#25
Isophorone
Concen: 55.150 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

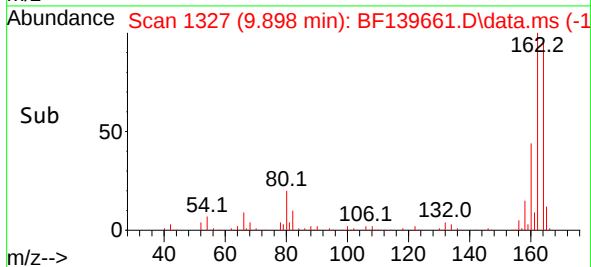
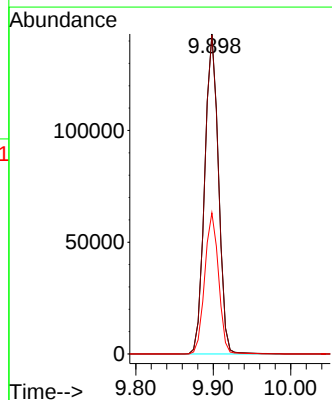
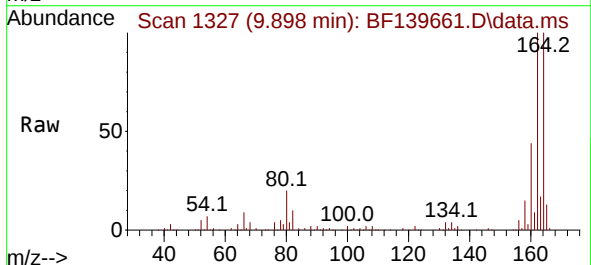
Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

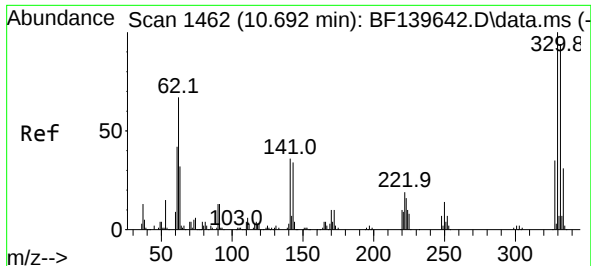
Tgt Ion: 82 Resp: 631936
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

Tgt Ion:164 Resp: 176935
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 44.1 35.1 52.7

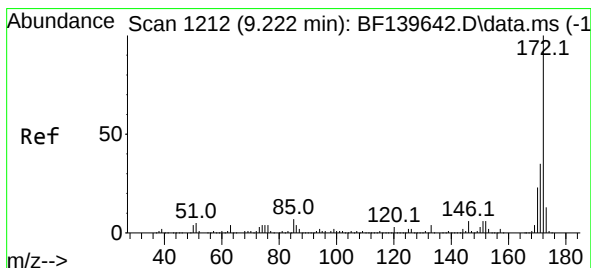
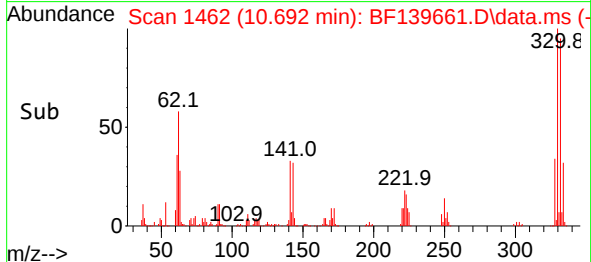
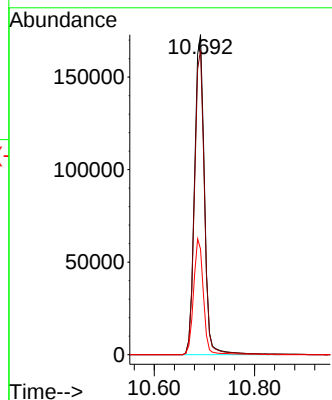
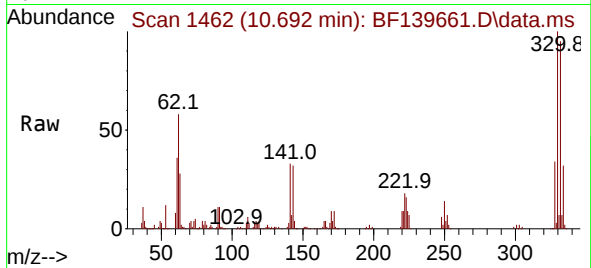




#42
2,4,6-Tribromophenol
Concen: 138.660 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

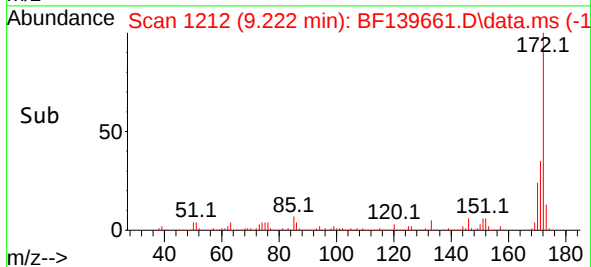
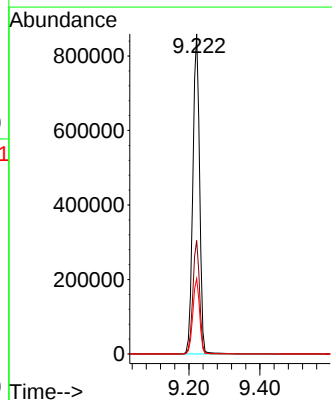
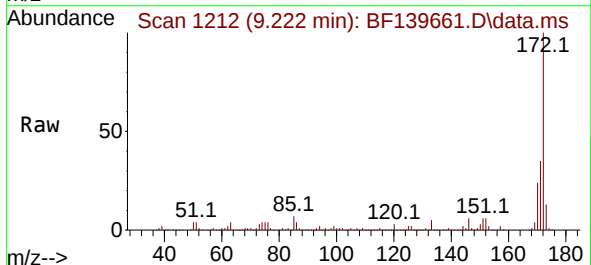
Instrument :
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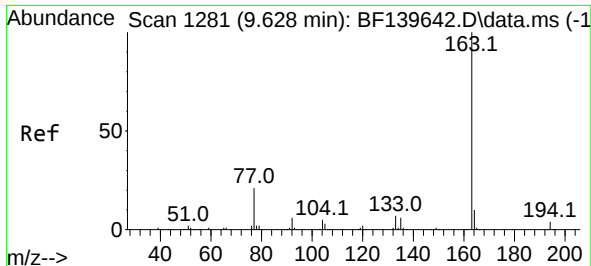
Tgt Ion:330 Resp: 236834
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 36.0 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 98.456 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

Tgt Ion:172 Resp: 1134738
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.5 18.8 28.2

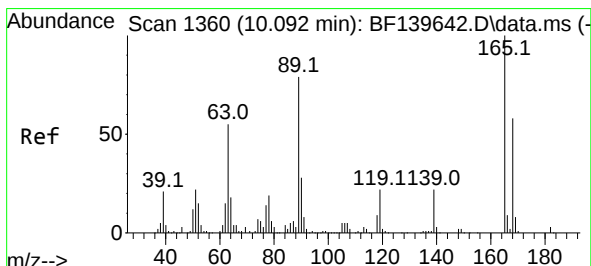
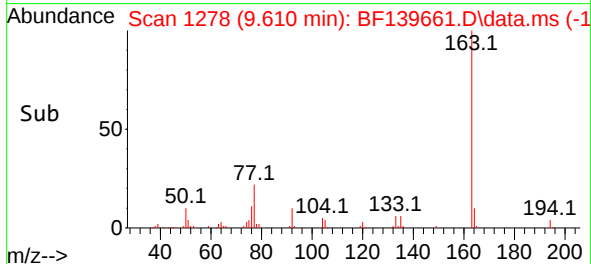
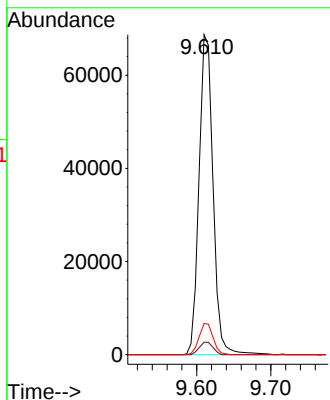
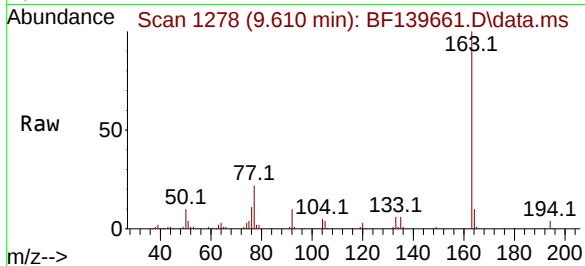




#50
Dimethylphthalate
Concen: 7.799 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

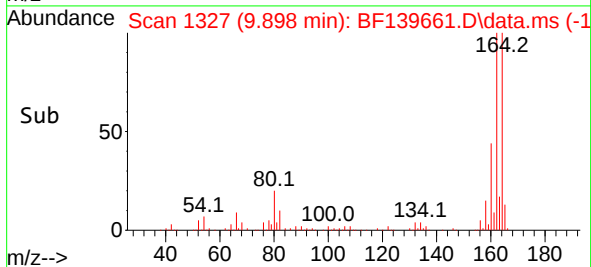
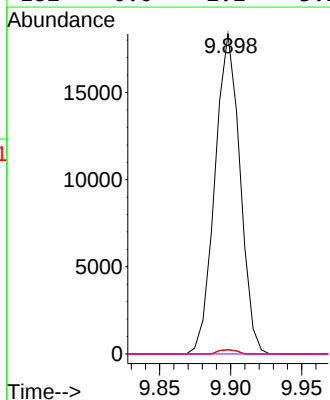
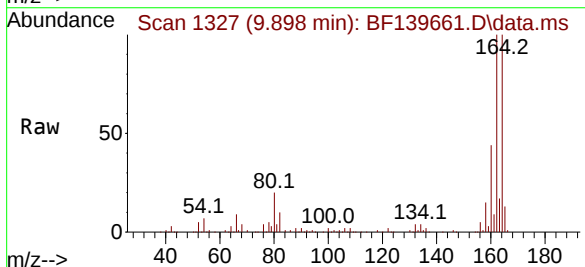
Instrument :
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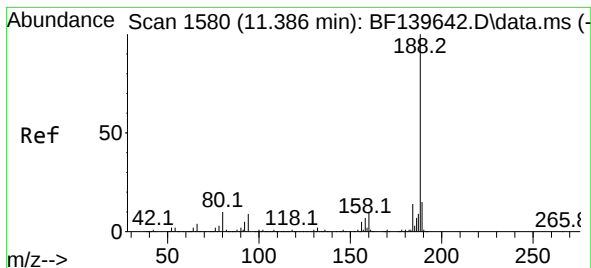
Tgt Ion:163 Resp: 90326
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.7 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 6.596 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

Tgt Ion:165 Resp: 22559
Ion Ratio Lower Upper
165 100
63 1.3 46.9 70.3#
89 1.3 64.4 96.6#
182 0.0 2.2 3.2#

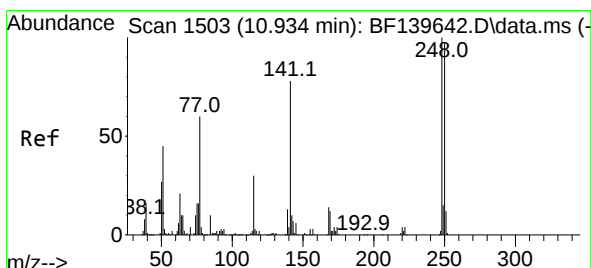
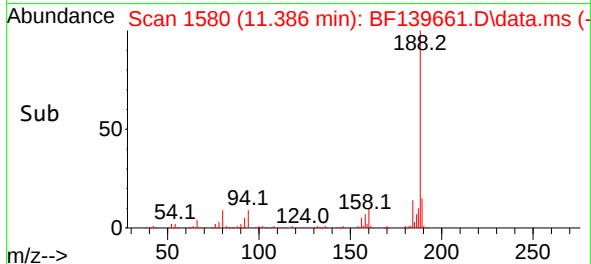
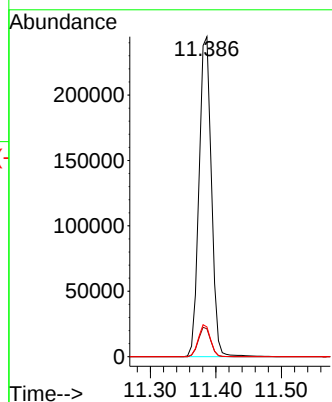
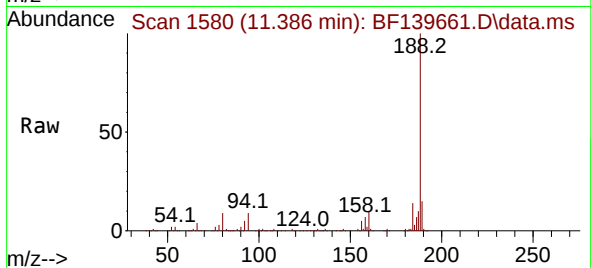




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

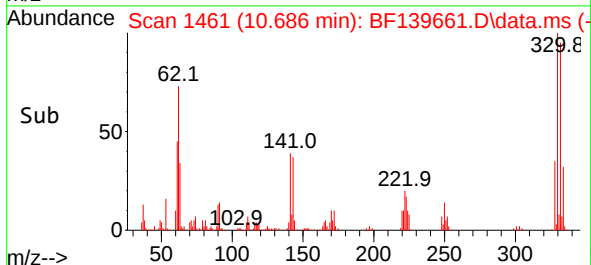
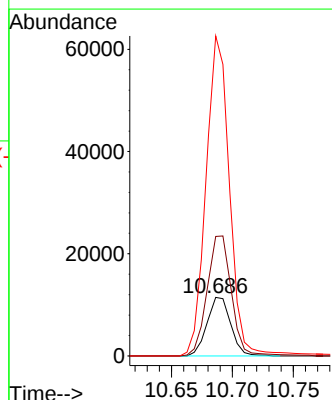
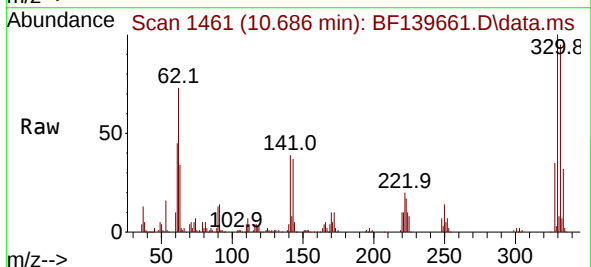
Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

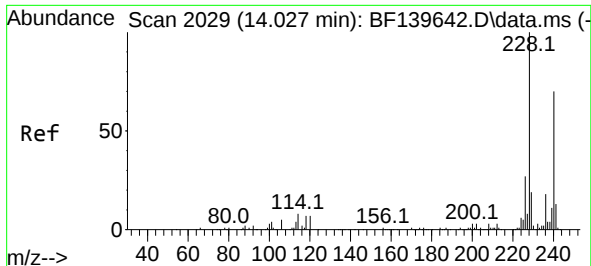
Tgt Ion:188 Resp: 321769
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.3 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.718 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.253 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

Tgt Ion:248 Resp: 15564
Ion Ratio Lower Upper
248 100
250 204.3 77.1 115.7#
141 546.7 60.4 90.6#

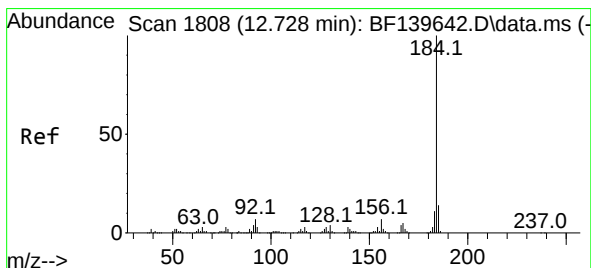
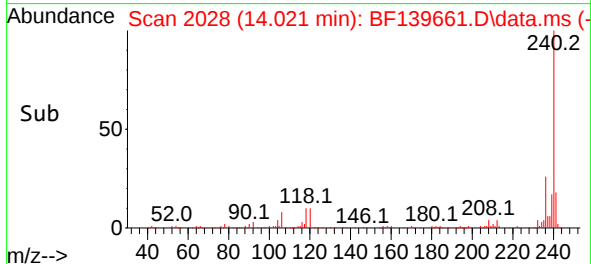
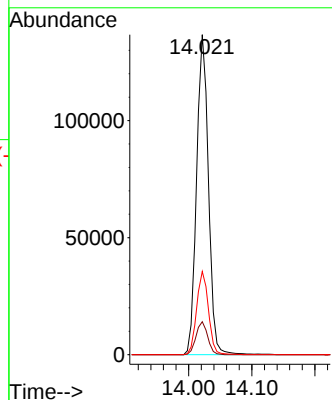
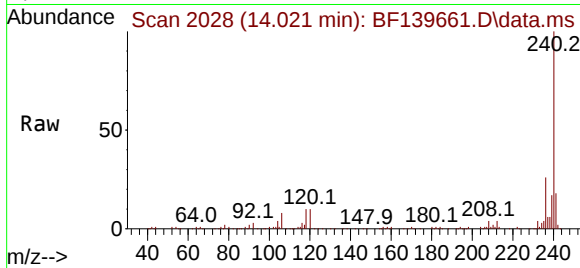




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

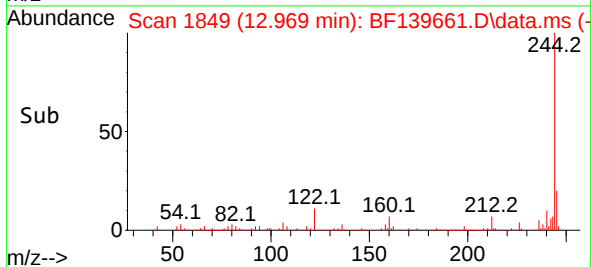
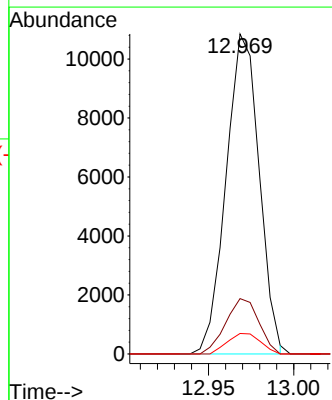
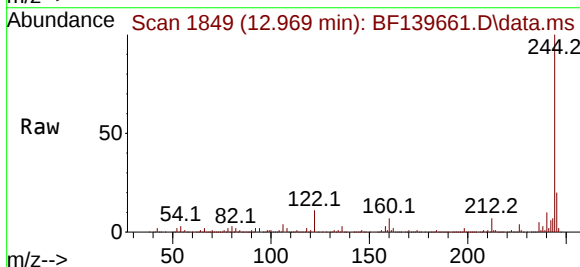
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BNA_F
ClientSampleId :
MH-147-SLUDGE

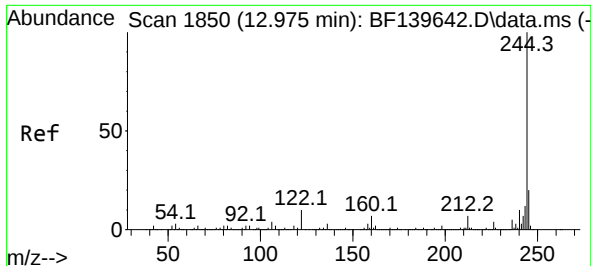
Tgt Ion:240 Resp: 177972
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 26.0 20.3 30.5



#77
Benzidine
Concen: 4.673 ng
RT: 12.969 min Scan# 1849
Delta R.T. 0.241 min
Lab File: BF139661.D
Acq: 04 Oct 2024 16:58

Tgt Ion:184 Resp: 14668
Ion Ratio Lower Upper
184 100
185 17.3 11.4 17.0#
183 6.4 8.8 13.2#

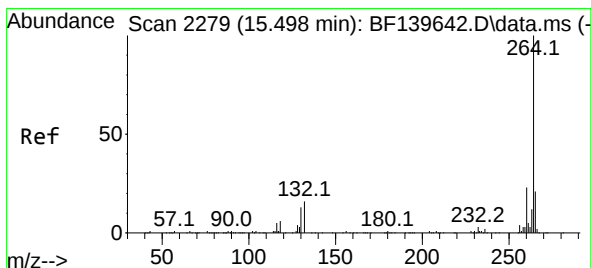
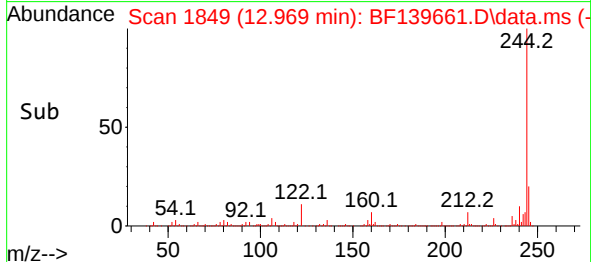
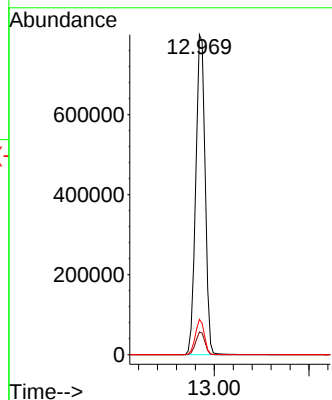
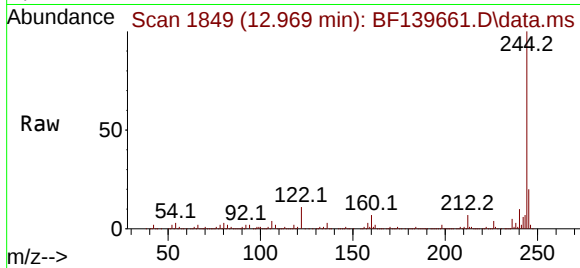




#79
 Terphenyl-d14
 Concen: 101.251 ng
 RT: 12.969 min Scan# 1849
 Delta R.T. -0.011 min
 Lab File: BF139661.D
 Acq: 04 Oct 2024 16:58

Instrument :
 BNA_F
 ClientSampleId :
 MH-147-SLUDGE

Tgt Ion:244 Resp: 1098216
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2278
 Delta R.T. -0.012 min
 Lab File: BF139661.D
 Acq: 04 Oct 2024 16:58

Tgt Ion:264 Resp: 166728
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 20.7 16.9 25.3

