

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
 Data File : BF137341.D
 Acq On : 08 Feb 2024 16:52
 Operator : CG\JU
 Sample : P1342-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-323P-GW-20240131-0

Quant Time: Feb 08 17:19:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

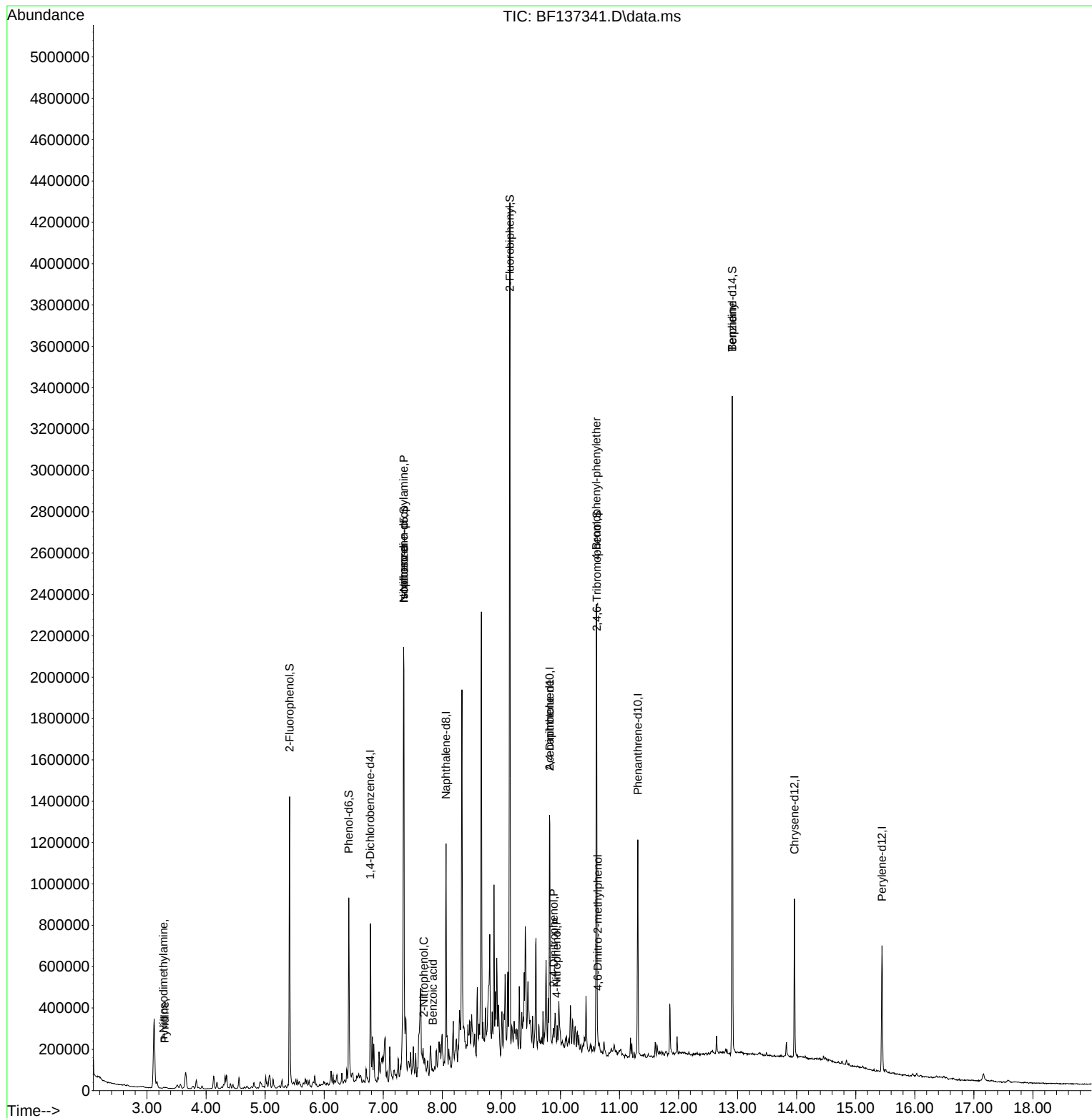
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	114712	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	433804	20.000	ng	#-0.01
39) Acenaphthene-d10	9.816	164	232518	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	379654	20.000	ng	0.00
76) Chrysene-d12	13.962	240	256035	20.000	ng	-0.01
86) Perylene-d12	15.445	264	302562	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	365513	52.577	ng	0.00
7) Phenol-d6	6.416	99	286102	28.838	ng	-0.01
23) Nitrobenzene-d5	7.345	82	767803	79.243	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	283688	108.033	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1278998	75.616	ng	0.00
79) Terphenyl-d14	12.910	244	1165639	61.891	ng	-0.01
Target Compounds						
						Qvalue
3) Pyridine	3.298	79	126	3.052	ng	# 1
4) n-Nitrosodimethylamine	3.281	42	605	6.199	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	100766	14.813	ng	# 79
25) Isophorone	7.345	82	754861	42.208	ng	# 68
26) 2-Nitrophenol	7.686	139	246	2.514	ng	# 1
32) Benzoic acid	7.839	122	1906	8.766	ng	# 47
54) 2,4-Dinitrophenol	9.886	184	79	11.594	ng	# 1
56) 4-Nitrophenol	9.933	139	654	8.725	ng	# 1
57) 2,4-Dinitrotoluene	9.816	165	30937	7.118	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.633	198	5531	7.892	ng	77
67) 4-Bromophenyl-phenylether	10.610	248	19103	4.576	ng	# 1
77) Benzidine	12.910	184	13933	3.039	ng	97

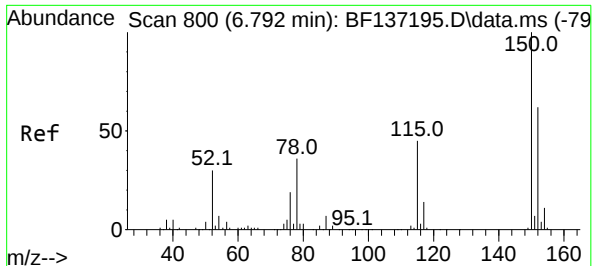
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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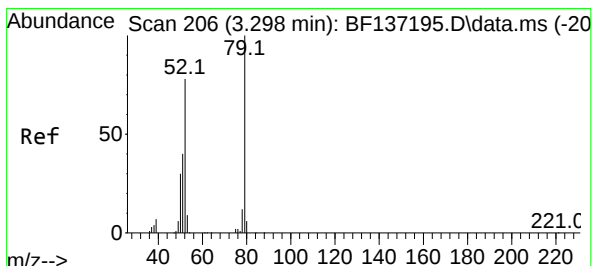
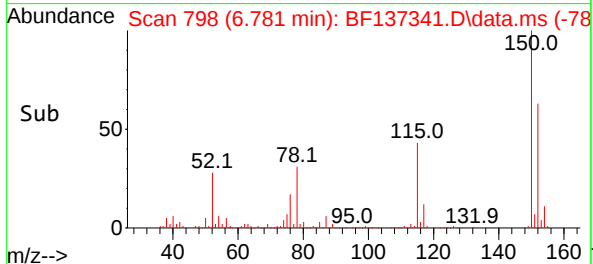
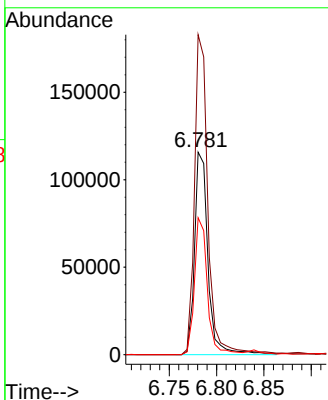
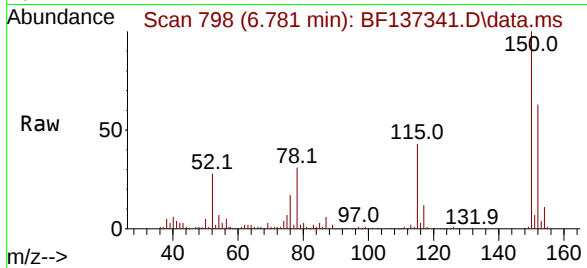




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

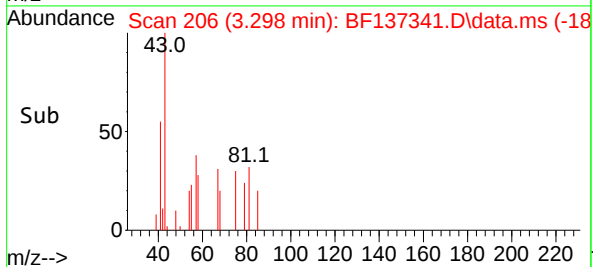
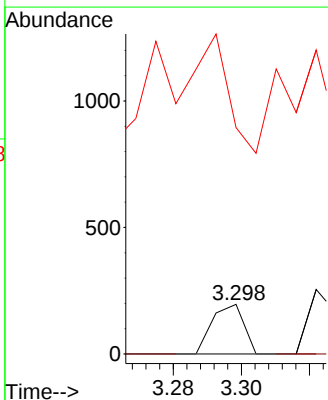
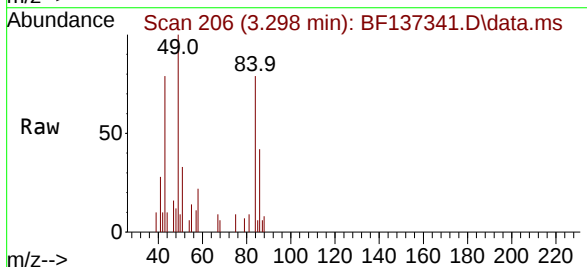
Instrument :
BNA_F
ClientSampleId :
MR-323P-GW-20240131-0

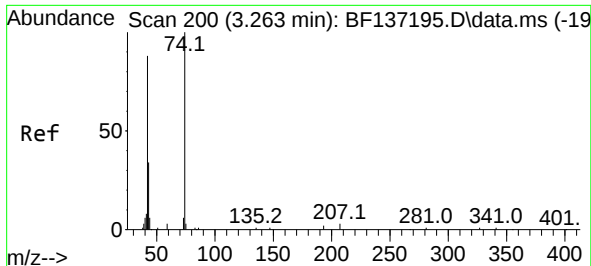
Tgt Ion:152 Resp: 114712
Ion Ratio Lower Upper
152 100
150 157.9 129.8 194.8
115 67.6 58.5 87.7



#3
Pyridine
Concen: 3.052 ng
RT: 3.298 min Scan# 206
Delta R.T. 0.000 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

Tgt Ion: 79 Resp: 126
Ion Ratio Lower Upper
79 100
52 0.0 62.6 94.0#
51 456.6 33.0 49.4#

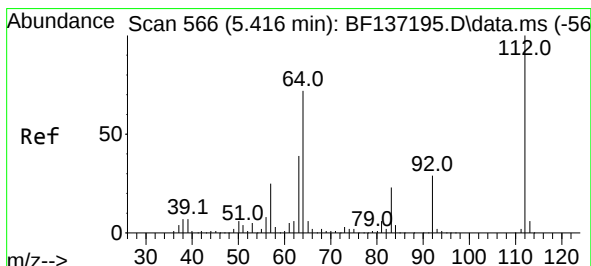
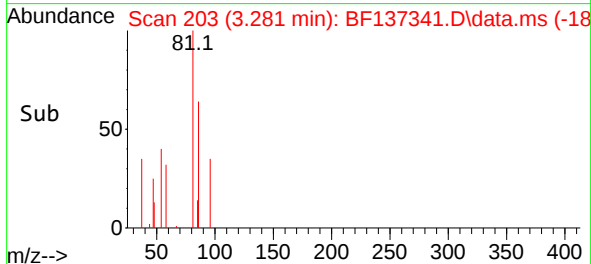
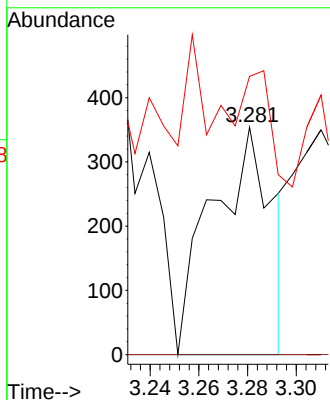
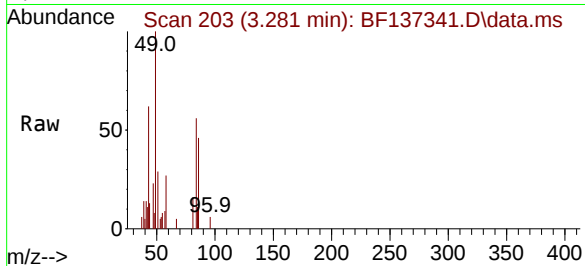




#4
n-Nitrosodimethylamine
Concen: 6.199 ng
RT: 3.281 min Scan# 200
Delta R.T. 0.018 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

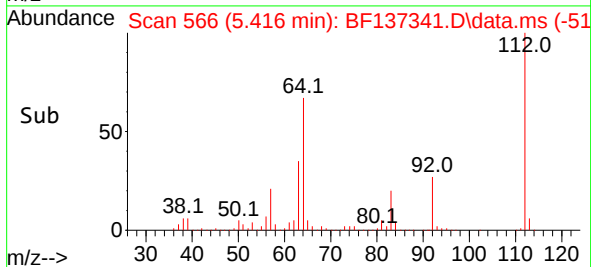
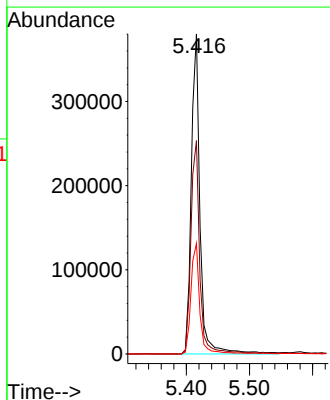
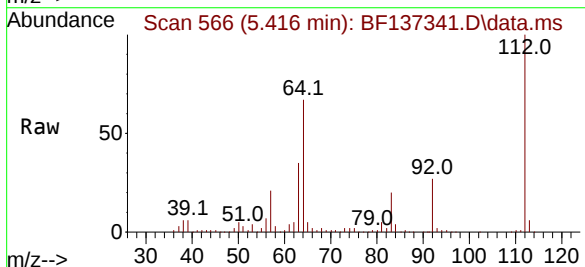
Instrument :
BNA_F
ClientSampleId :
MR-323P-GW-20240131-0

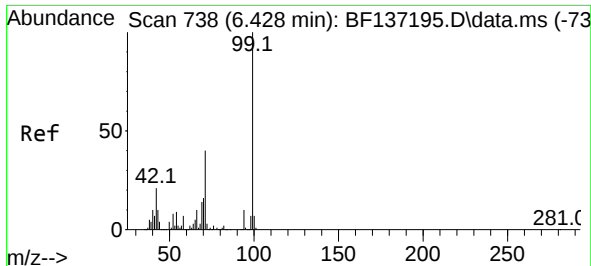
Tgt Ion: 42 Resp: 605
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 122.3 6.1 9.1#



#5
2-Fluorophenol
Concen: 52.577 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.000 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

Tgt Ion: 112 Resp: 365513
Ion Ratio Lower Upper
112 100
64 66.7 57.8 86.6
63 34.6 31.4 47.0

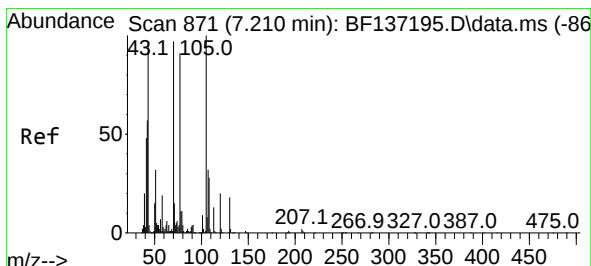
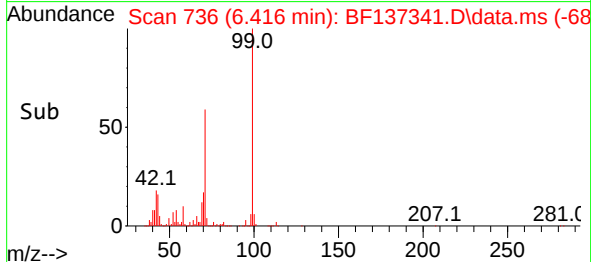
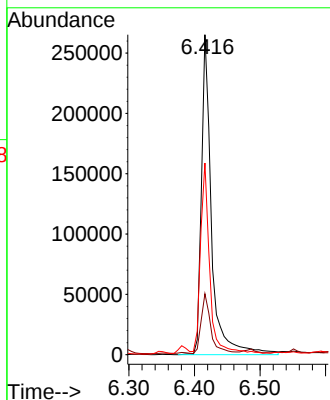
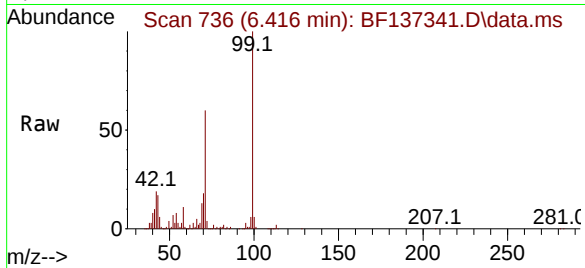




#7
Phenol-d6
Concen: 28.838 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

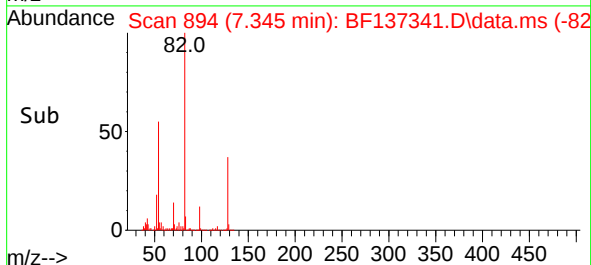
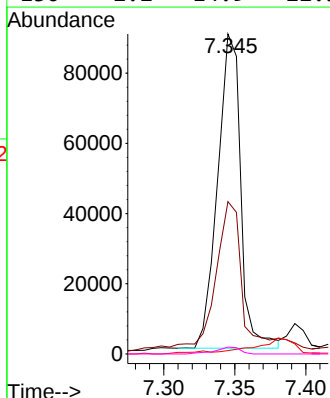
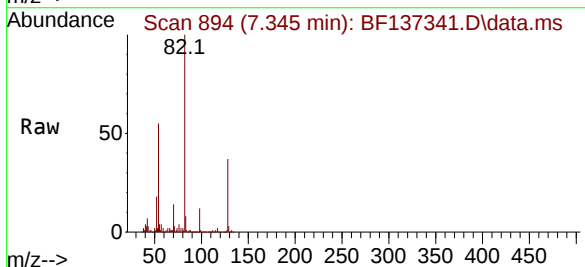
Instrument :
BNA_F
ClientSampleId :
MR-323P-GW-20240131-0

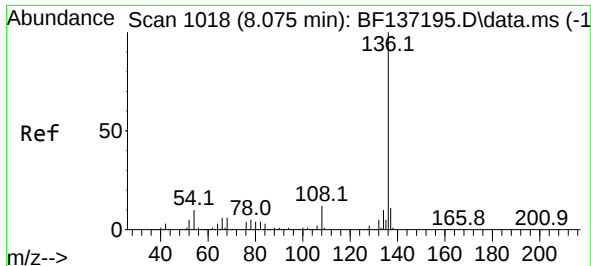
Tgt Ion: 99 Resp: 286102
Ion Ratio Lower Upper
99 100
42 19.0 16.4 24.6
71 59.9 32.4 48.6#



#19
n-Nitroso-di-n-propylamine
Concen: 14.813 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

Tgt Ion: 70 Resp: 100766
Ion Ratio Lower Upper
70 100
42 47.6 47.2 70.8
101 1.0 7.4 11.0#
130 2.2 14.9 22.3#

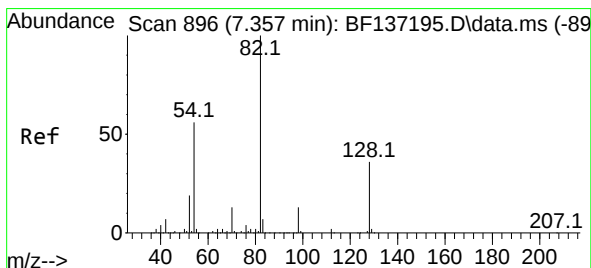
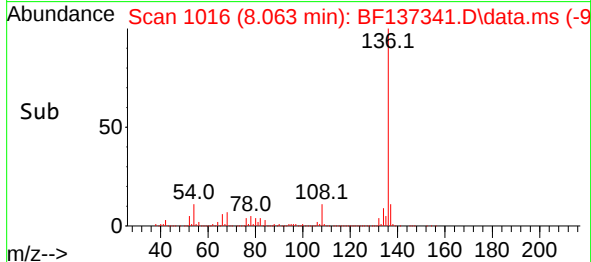
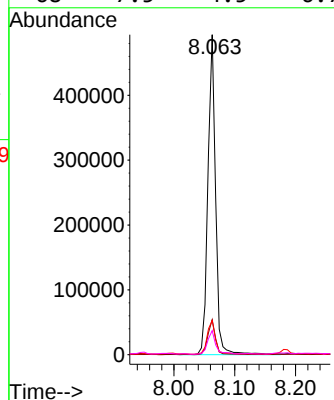
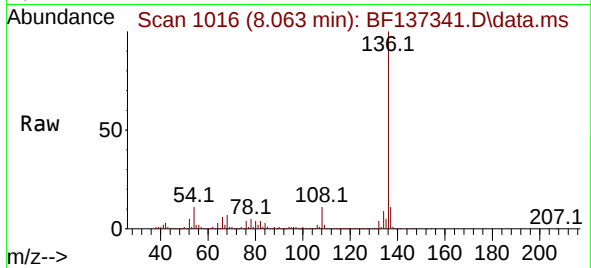




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

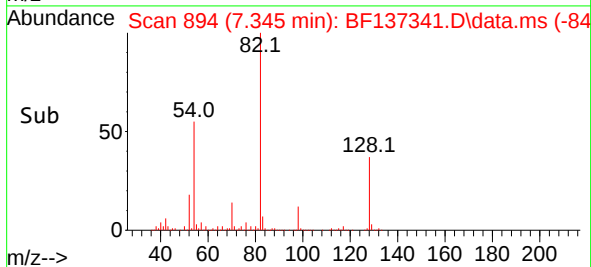
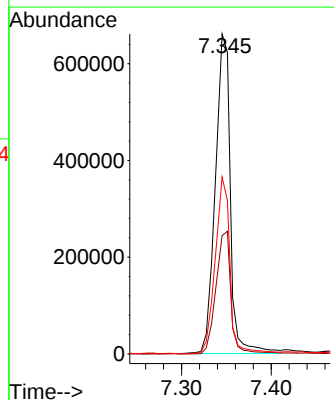
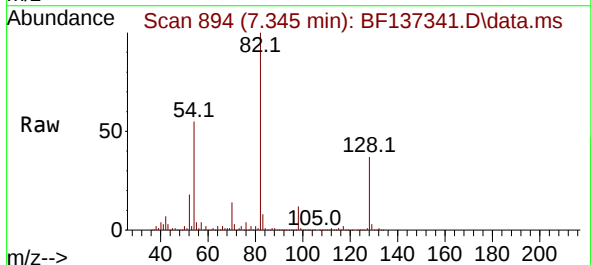
Instrument :
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ClientSampleId :
MR-323P-GW-20240131-0

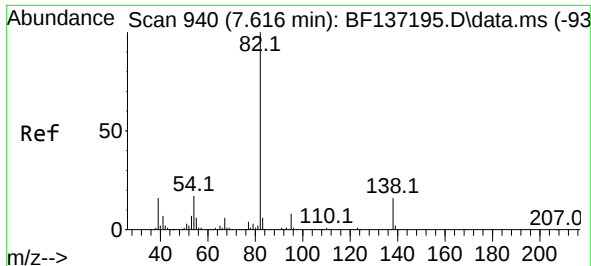
Tgt Ion:136 Resp: 433804
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.7 7.8 11.8
68 7.5 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 79.243 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

Tgt Ion: 82 Resp: 767803
Ion Ratio Lower Upper
82 100
128 37.0 29.1 43.7
54 55.3 45.0 67.6

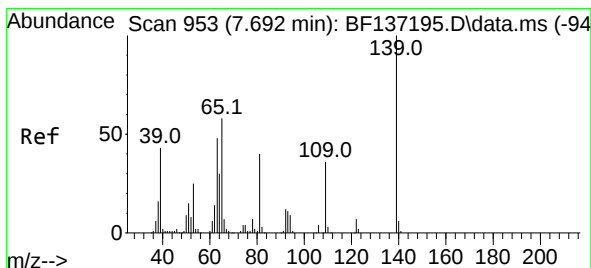
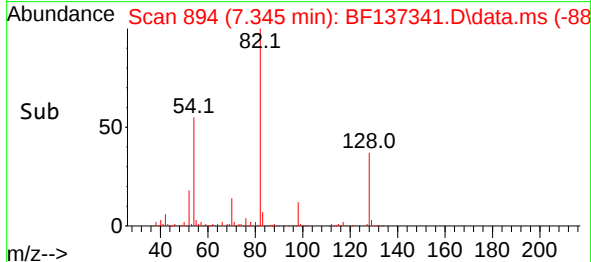
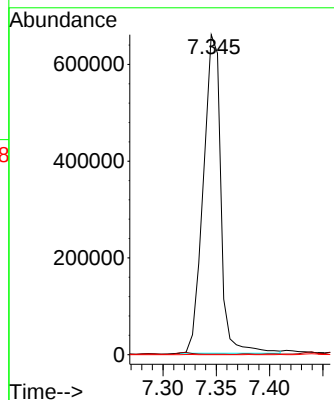
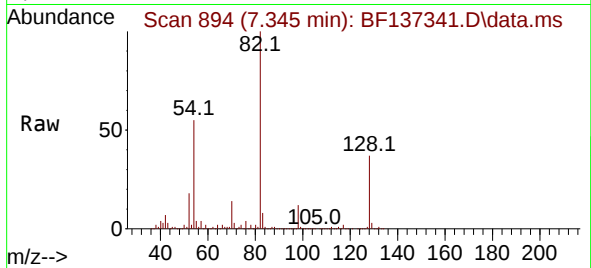




#25
Isophorone
Concen: 42.208 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

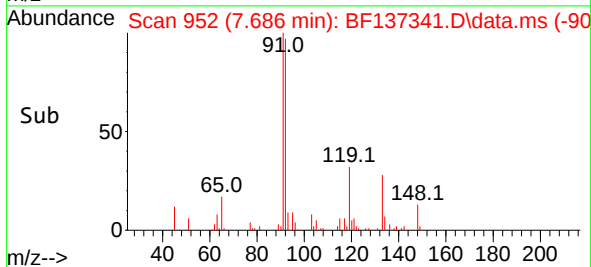
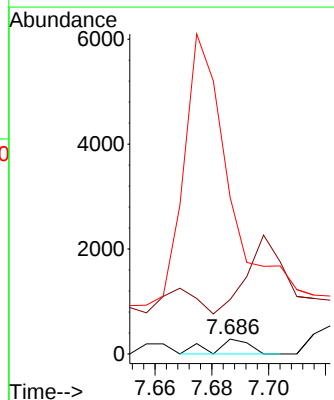
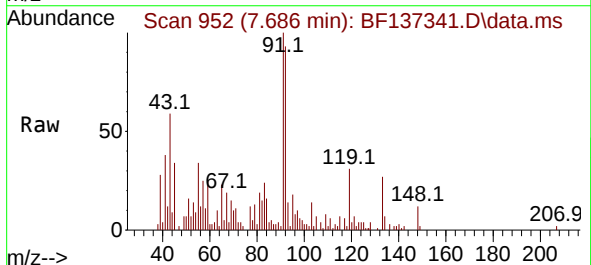
Instrument :
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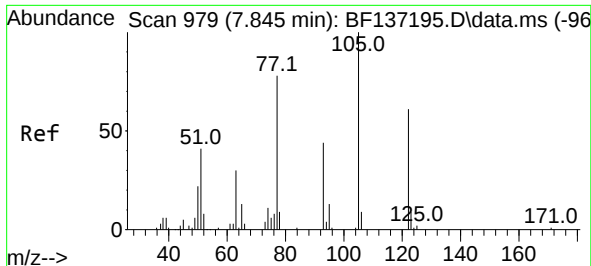
Tgt Ion: 82 Resp: 754861
Ion Ratio Lower Upper
82 100
95 0.2 6.4 9.6#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 2.514 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

Tgt Ion:139 Resp: 246
Ion Ratio Lower Upper
139 100
109 364.8 28.5 42.7#
65 1051.1 46.7 70.1#

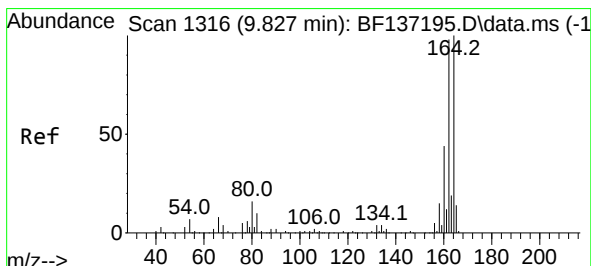
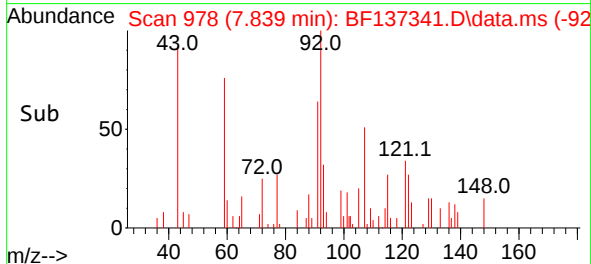
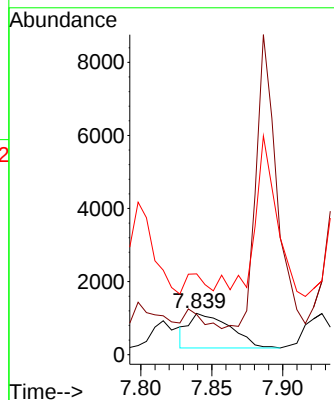
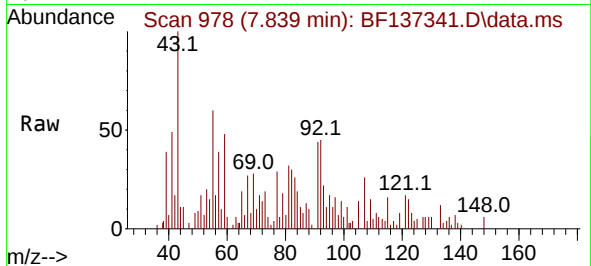




#32
Benzoic acid
Concen: 8.766 ng
RT: 7.839 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

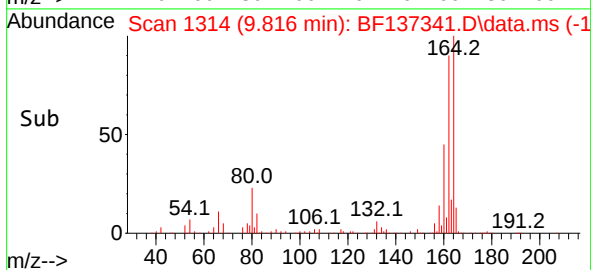
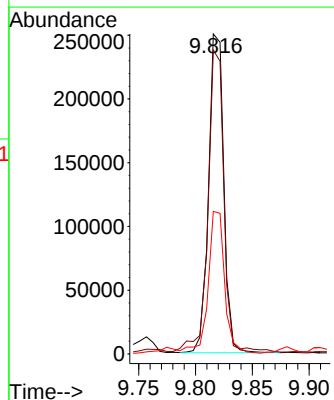
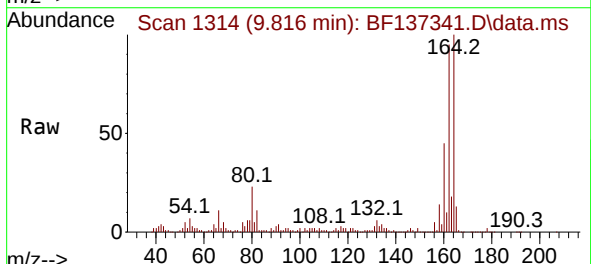
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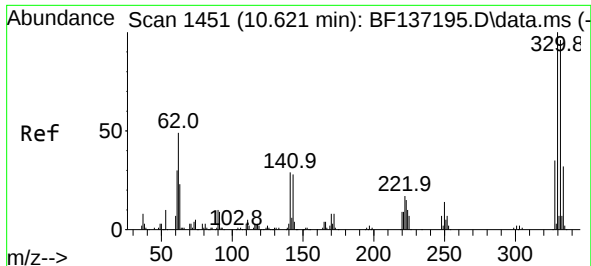
Tgt Ion:122 Resp: 1906
Ion Ratio Lower Upper
122 100
105 97.3 122.5 162.5#
77 195.6 96.4 136.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

Tgt Ion:164 Resp: 232518
Ion Ratio Lower Upper
164 100
162 95.0 78.3 117.5
160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 108.033 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137341.D

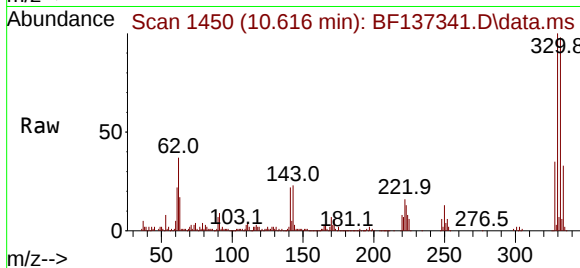
Acq: 08 Feb 2024 16:52

Instrument :

BNA_F

ClientSampleId :

MR-323P-GW-20240131-0



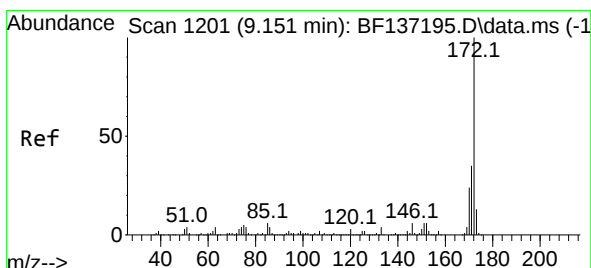
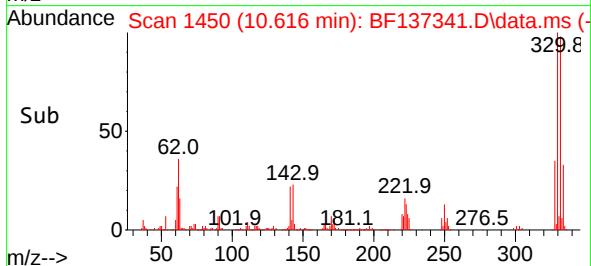
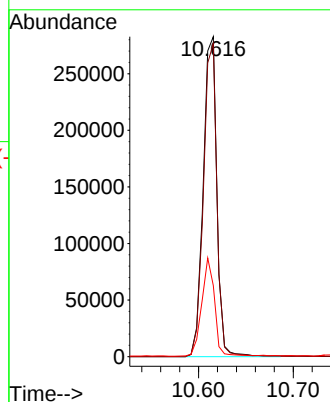
Tgt Ion:330 Resp: 283688

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 28.7 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 75.616 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137341.D

Acq: 08 Feb 2024 16:52

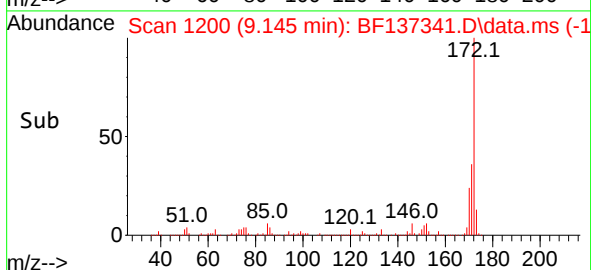
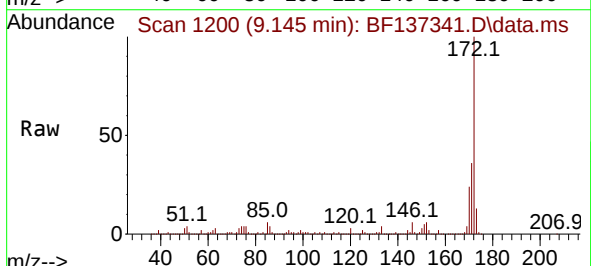
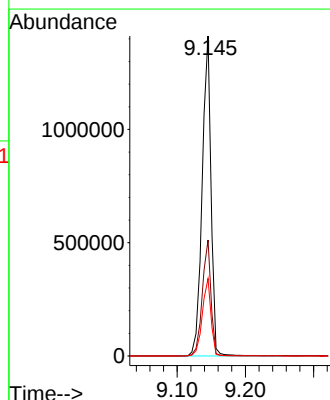
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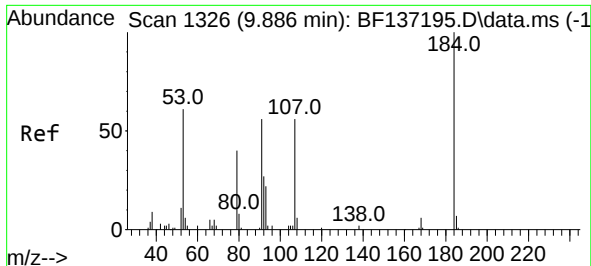
Ion Ratio Lower Upper

172 100

171 36.3 28.3 42.5

170 24.2 19.1 28.7

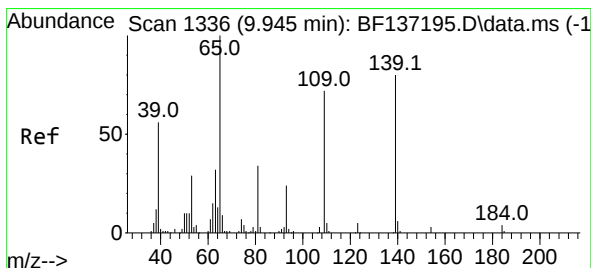
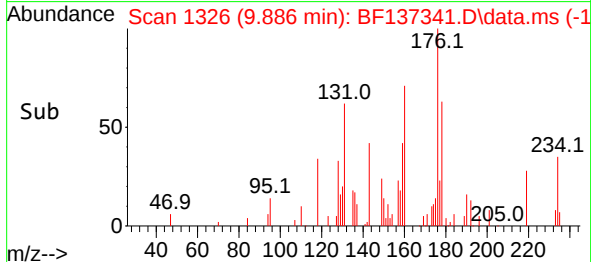
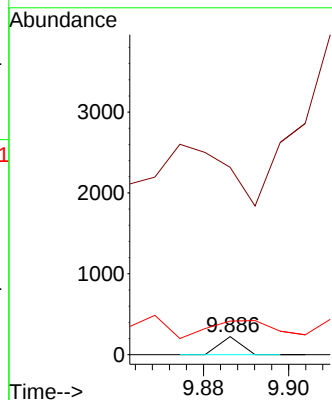
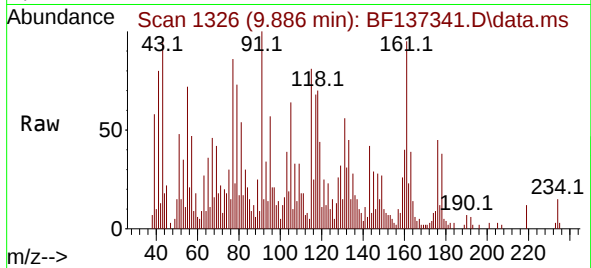




#54
2,4-Dinitrophenol
Concen: 11.594 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

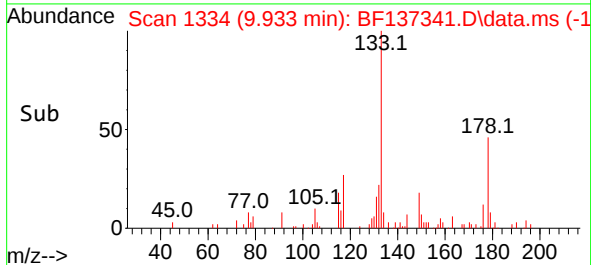
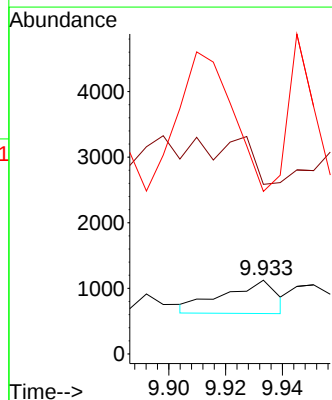
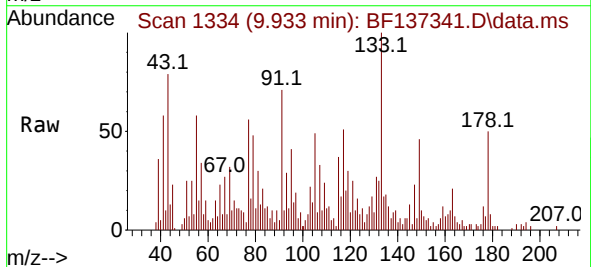
Instrument :
BNA_F
ClientSampleId :
MR-323P-GW-20240131-0

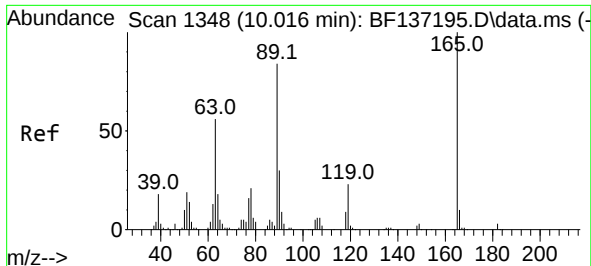
Tgt Ion:184 Resp: 79
Ion Ratio Lower Upper
184 100
63 1039.0 71.2 106.8#
154 186.5 64.9 97.3#



#56
4-Nitrophenol
Concen: 8.725 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

Tgt Ion:139 Resp: 654
Ion Ratio Lower Upper
139 100
109 229.9 70.4 110.4#
65 220.3 107.6 147.6#

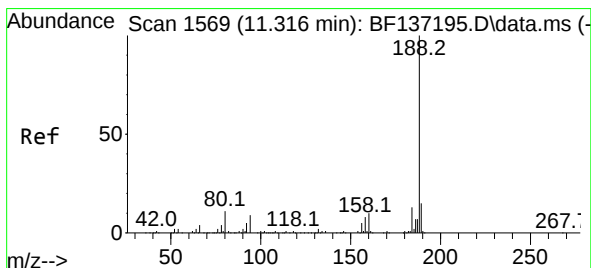
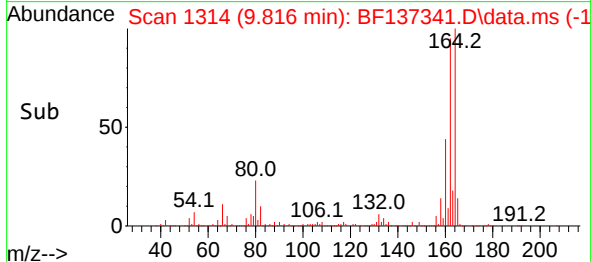
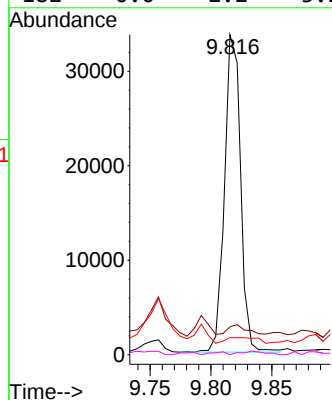
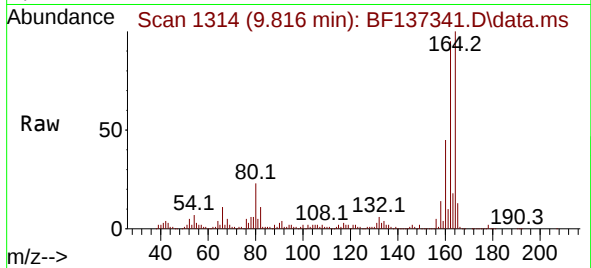




#57
2,4-Dinitrotoluene
Concen: 7.118 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

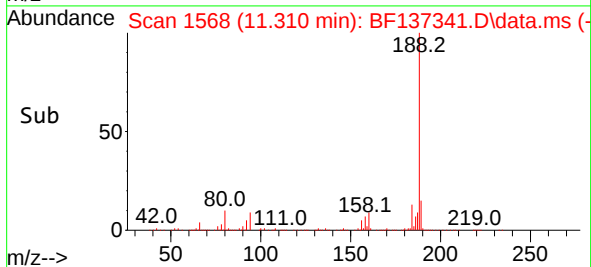
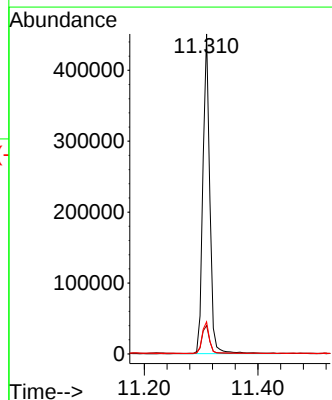
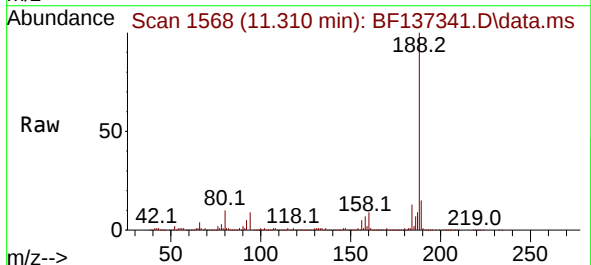
Instrument :
BNA_F
ClientSampleId :
MR-323P-GW-20240131-0

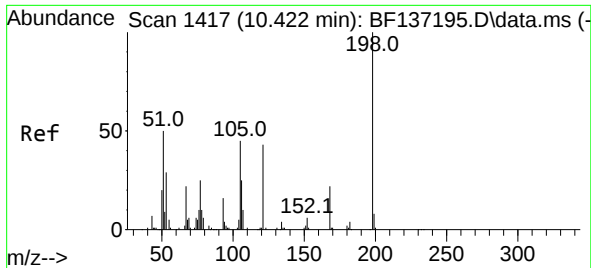
Tgt Ion:165 Resp: 30937
Ion Ratio Lower Upper
165 100
63 8.7 46.1 69.1#
89 5.3 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

Tgt Ion:188 Resp: 379654
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 10.1 8.8 13.2

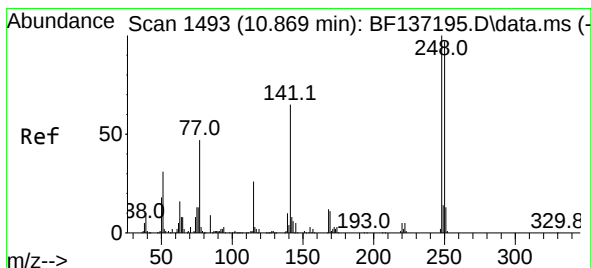
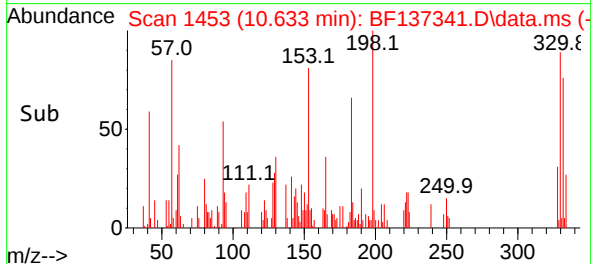
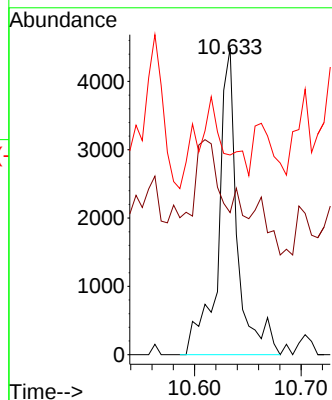
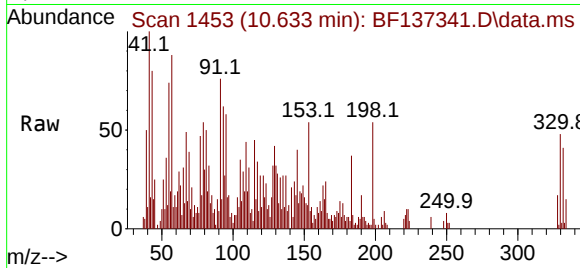




#65
4,6-Dinitro-2-methylphenol
Concen: 7.892 ng
RT: 10.633 min Scan# 1417
Delta R.T. 0.211 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

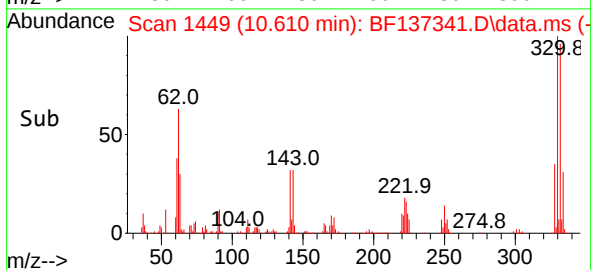
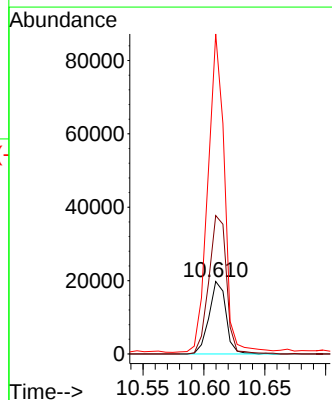
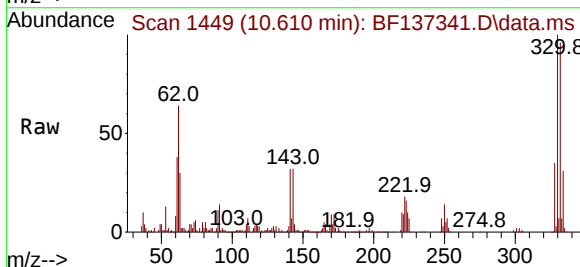
Instrument :
BNA_F
ClientSampleId :
MR-323P-GW-20240131-0

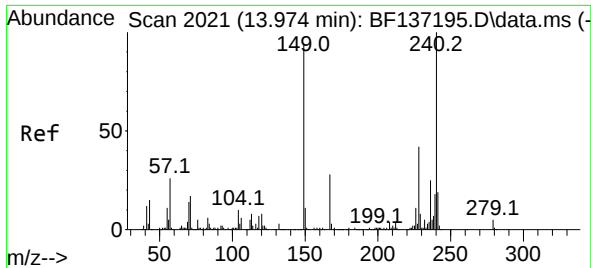
Tgt Ion:198 Resp: 5531
Ion Ratio Lower Upper
198 100
51 46.4 40.9 80.9
105 65.2 26.5 66.5



#67
4-Bromophenyl-phenylether
Concen: 4.576 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF137341.D
Acq: 08 Feb 2024 16:52

Tgt Ion:248 Resp: 19103
Ion Ratio Lower Upper
248 100
250 190.9 77.7 116.5#
141 441.6 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137341.D

Acq: 08 Feb 2024 16:52

Instrument :

BNA_F

ClientSampleId :

MR-323P-GW-20240131-0

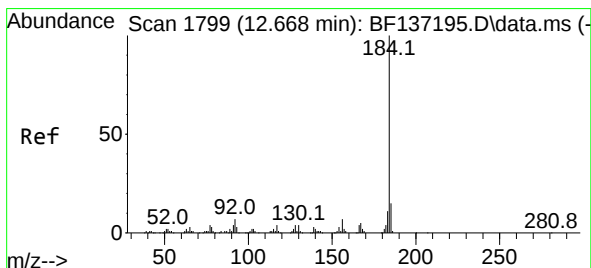
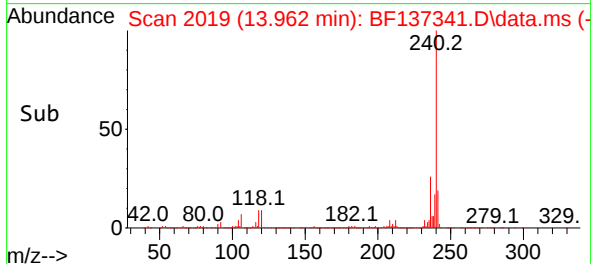
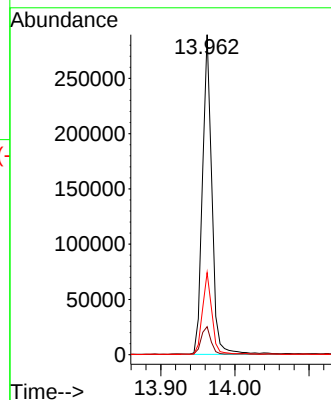
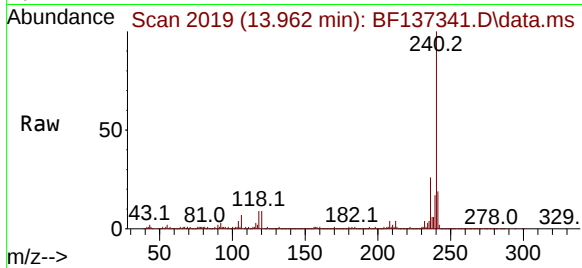
Tgt Ion:240 Resp: 256035

Ion Ratio Lower Upper

240 100

120 8.7 6.3 9.5

236 25.7 20.3 30.5



#77

Benidine

Concen: 3.039 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.242 min

Lab File: BF137341.D

Acq: 08 Feb 2024 16:52

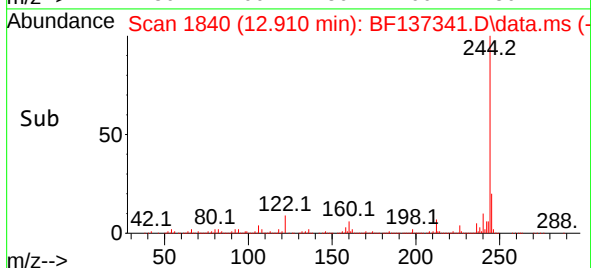
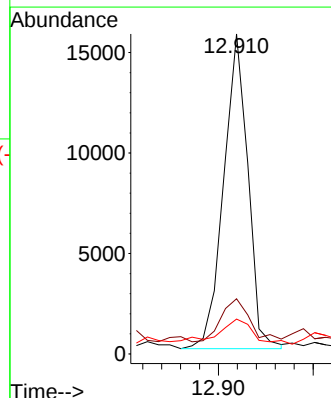
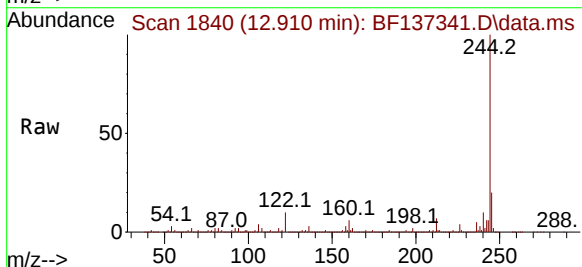
Tgt Ion:184 Resp: 13933

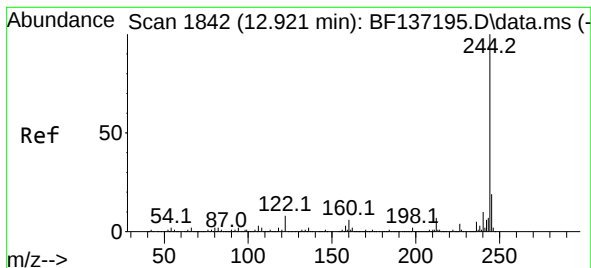
Ion Ratio Lower Upper

184 100

185 17.2 11.9 17.9

183 10.9 8.8 13.2





#79

Terphenyl-d14

Concen: 61.891 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF137341.D

Acq: 08 Feb 2024 16:52

Instrument :

BNA_F

ClientSampleId :

MR-323P-GW-20240131-0

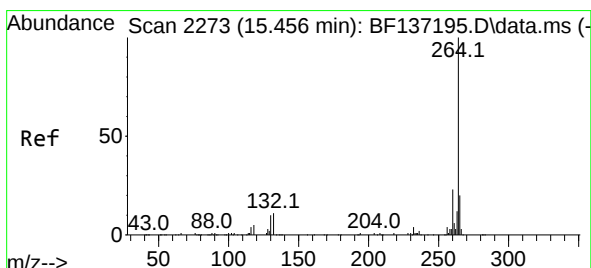
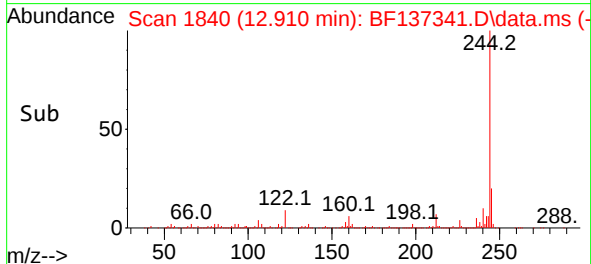
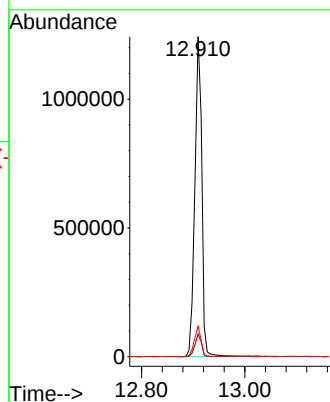
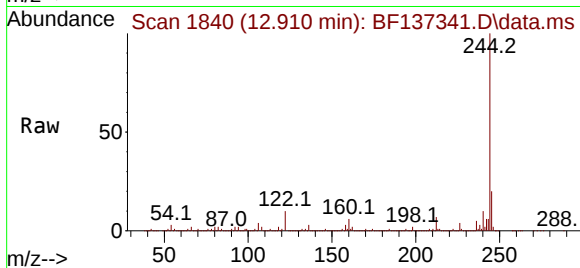
Tgt Ion:244 Resp: 1165639

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 9.5 6.2 9.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF137341.D

Acq: 08 Feb 2024 16:52

Tgt Ion:264 Resp: 302562

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 21.2 16.2 24.2

