

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082621\
 Data File : BM031920.D
 Acq On : 26 Aug 2021 18:59
 Operator : CG/JU
 Sample : PB138118BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB138118BL

Quant Time: Aug 27 04:50:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 14:24:44 2021
 Response via : Initial Calibration

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

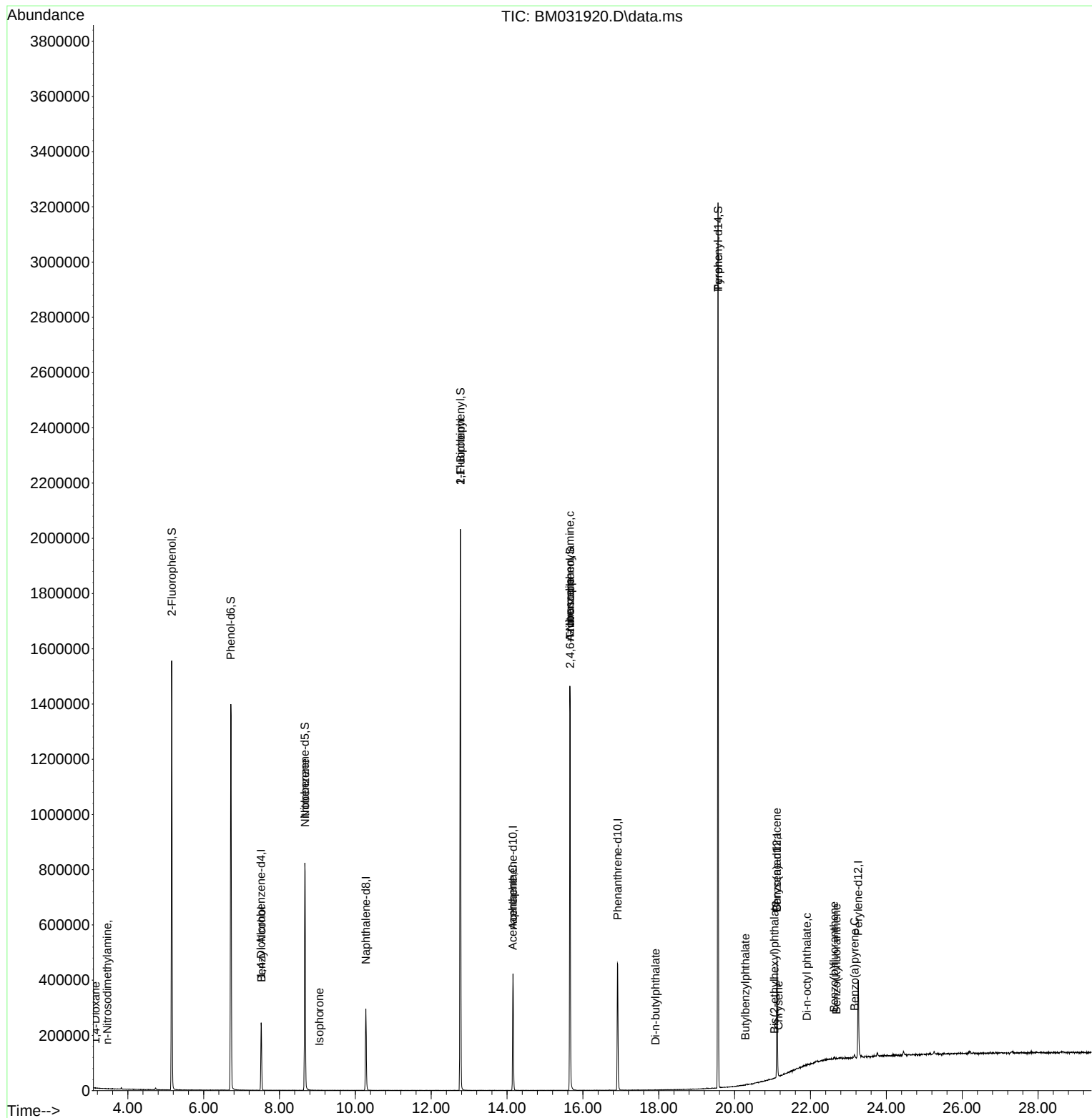
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	58172	20.000	ng	0.00
21) Naphthalene-d8	10.275	136	234889	20.000	ng	0.00
39) Acenaphthene-d10	14.157	164	143128	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	282791	20.000	ng	0.00
76) Chrysene-d12	21.115	240	206978	20.000	ng	0.00
86) Perylene-d12	23.256	264	183294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.157	112	558583	153.369	ng	0.00
7) Phenol-d6	6.716	99	695264	133.133	ng	0.00
23) Nitrobenzene-d5	8.669	82	455591	87.736	ng	0.00
42) 2,4,6-Tribromophenol	15.663	330	195632	126.619	ng	0.00
45) 2-Fluorobiphenyl	12.769	172	927877	87.675	ng	0.00
79) Terphenyl-d14	19.562	244	1229134	95.466	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	79	0.055	ng	# 1
4) n-Nitrosodimethylamine	3.457	42	305	0.149	ng	# 1
9) Benzaldehyde	6.722	77	1912	Below Cal		# 7
15) Benzyl Alcohol	7.522	79	1812	0.460	ng	# 29
24) Nitrobenzene	8.675	77	1861	0.353	ng	# 37
25) Isophorone	9.051	82	59	0.006	ng	# 68
46) 1,1'-Biphenyl	12.769	154	1935	0.173	ng	# 1
52) Acenaphthene	14.151	154	282	0.033	ng	# 4
63) Azobenzene	15.657	77	2133	0.167	ng	# 8
66) n-Nitrosodiphenylamine	15.657	169	9199	0.966	ng	# 50
74) Di-n-butylphthalate	17.909	149	145	0.008	ng	# 77
78) Pyrene	19.562	202	5296	0.322	ng	# 74
80) Butylbenzylphthalate	20.286	149	74	0.011	ng	# 19
81) Benzo(a)anthracene	21.115	228	465	0.032	ng	# 52
83) Chrysene	21.156	228	77	0.005	ng	# 49
84) Bis(2-ethylhexyl)phtha...	21.050	149	116	0.011	ng	# 55
85) Di-n-octyl phthalate	21.903	149	277	0.017	ng	# 24
88) Benzo(b)fluoranthene	22.621	252	193	0.014	ng	# 1
89) Benzo(k)fluoranthene	22.686	252	368	0.028	ng	# 1
90) Benzo(a)pyrene	23.162	252	402	0.034	ng	# 1

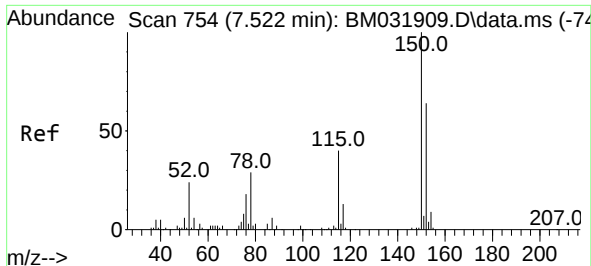
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082621\
Data File : BM031920.D
Acq On : 26 Aug 2021 18:59
Operator : CG/JU
Sample : PB138118BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB138118BL

Quant Time: Aug 27 04:50:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 14:24:44 2021
Response via : Initial Calibration

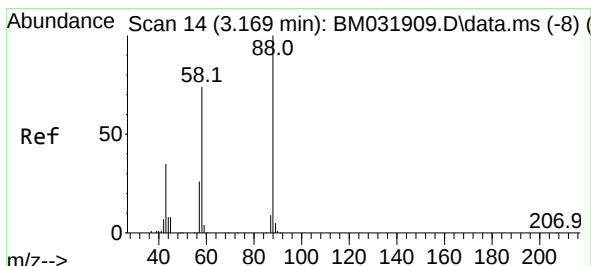
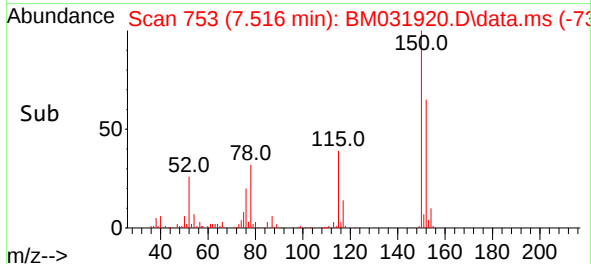
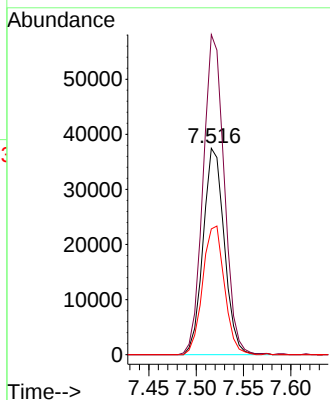
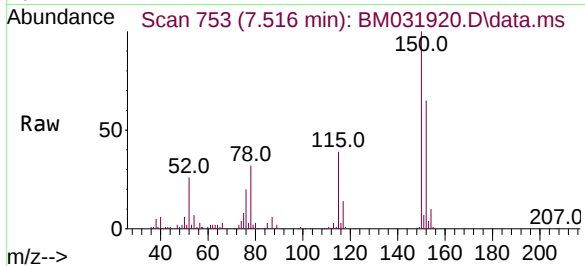




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

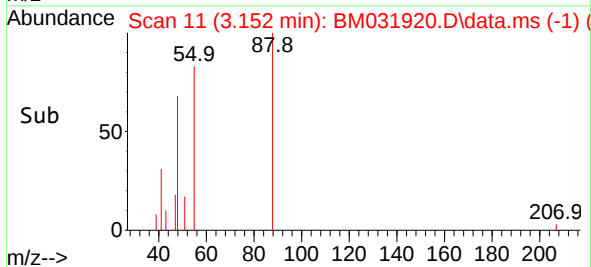
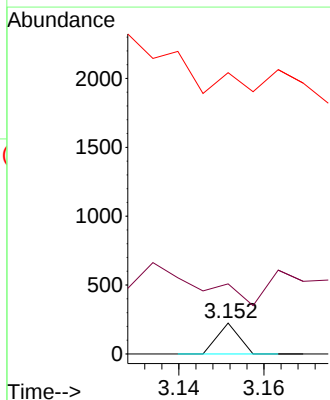
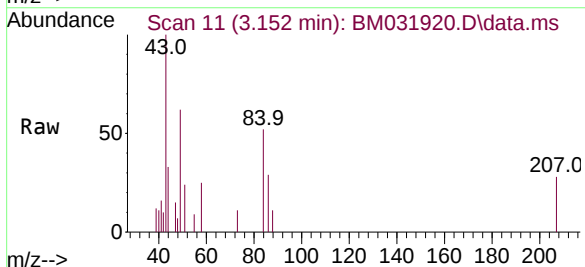
Instrument :
BNA_M
ClientSampleId :
PB138118BL

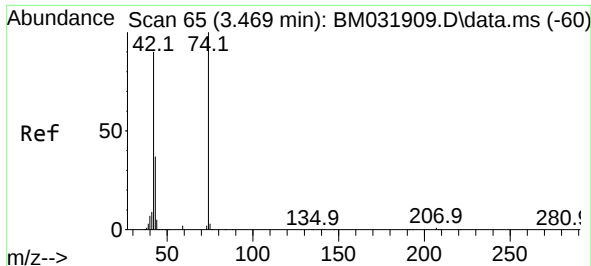
Tgt Ion:152 Resp: 58172
Ion Ratio Lower Upper
152 100
150 155.0 122.4 183.6
115 60.9 53.8 80.8



#2
1,4-Dioxane
Concen: 0.055 ng
RT: 3.152 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
58 302.5 50.4 75.6#
43 0.0 22.2 33.2#

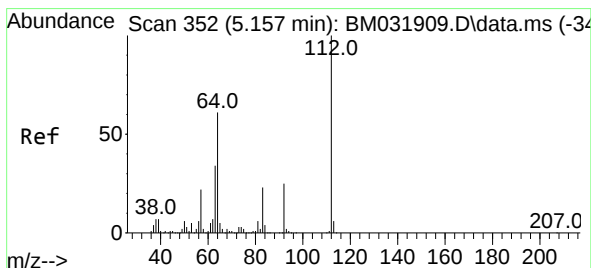
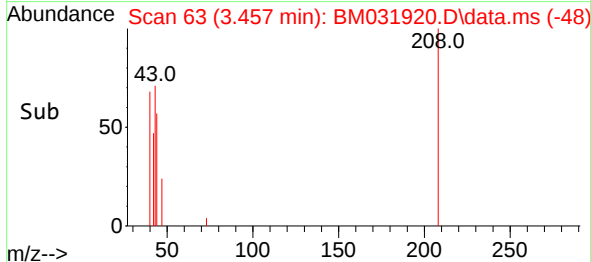
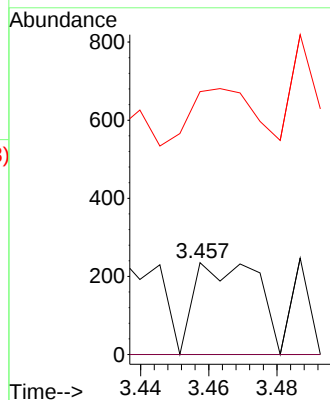
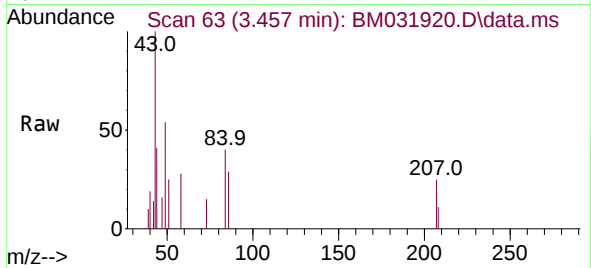




#4
n-Nitrosodimethylamine
Concen: 0.149 ng
RT: 3.457 min Scan# 63
Delta R.T. -0.012 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

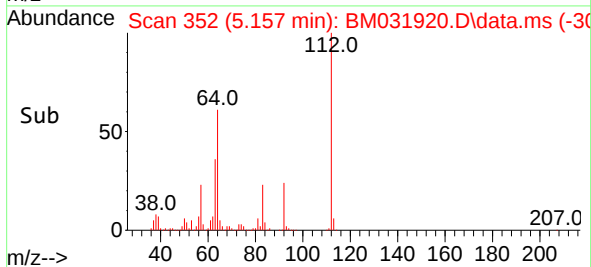
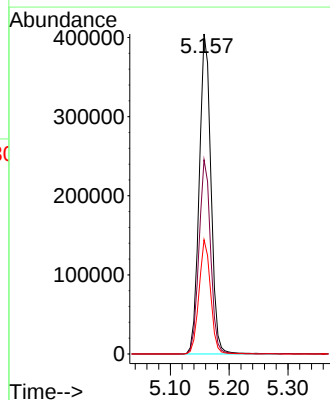
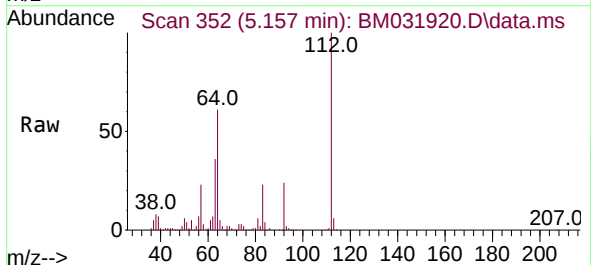
Instrument :
BNA_M
ClientSampleId :
PB138118BL

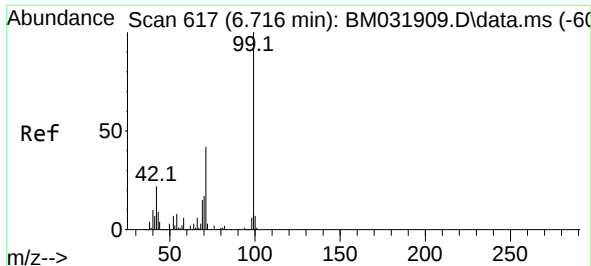
Tgt Ion: 42 Resp: 305
Ion Ratio Lower Upper
42 100
74 0.0 99.5 149.3#
44 286.4 57.3 85.9#



#5
2-Fluorophenol
Concen: 153.369 ng
RT: 5.157 min Scan# 352
Delta R.T. -0.000 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion: 112 Resp: 558583
Ion Ratio Lower Upper
112 100
64 60.7 53.7 80.5
63 35.7 33.9 50.9

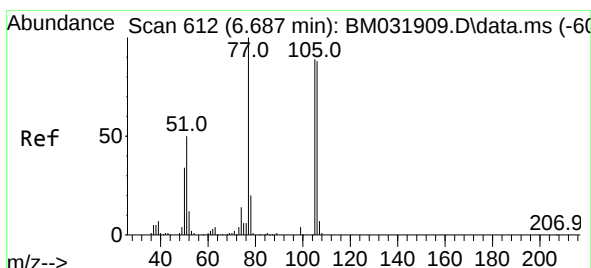
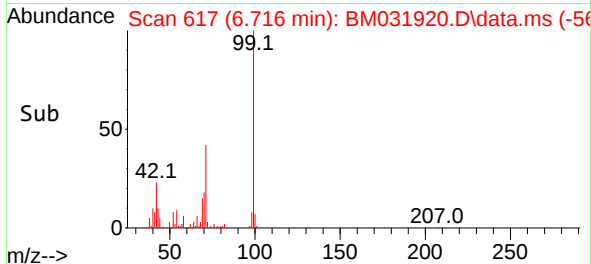
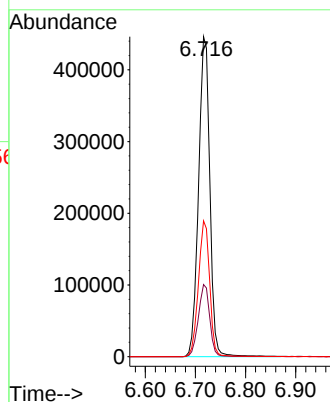
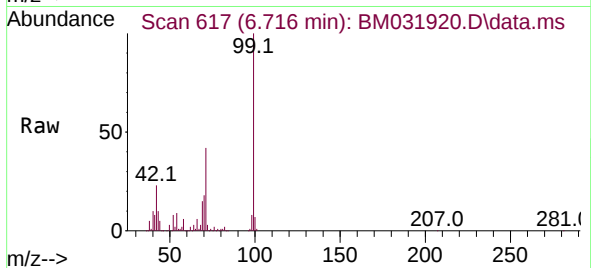




#7
Phenol-d6
Concen: 133.133 ng
RT: 6.716 min Scan# 617
Delta R.T. -0.000 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

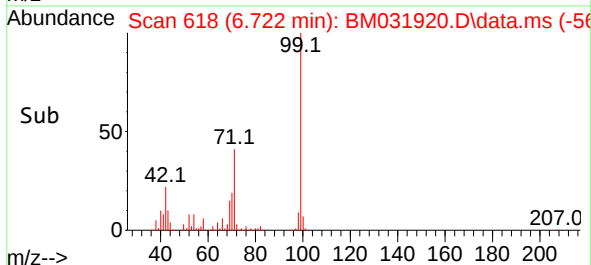
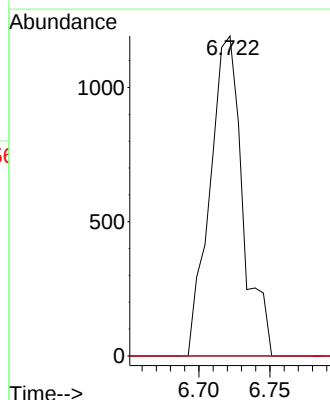
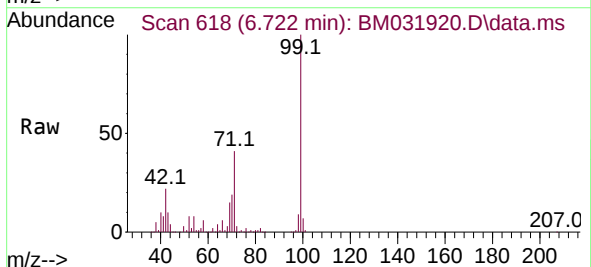
Instrument :
BNA_M
ClientSampleId :
PB138118BL

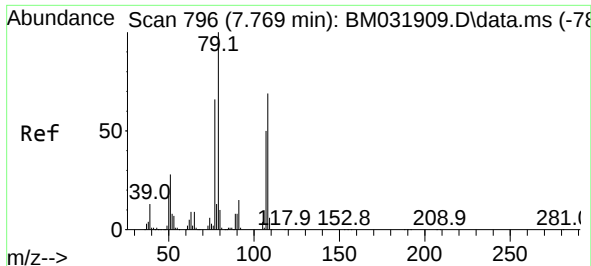
Tgt Ion: 99 Resp: 695264
Ion Ratio Lower Upper
99 100
42 22.5 23.0 34.6#
71 42.4 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.722 min Scan# 618
Delta R.T. 0.035 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion: 77 Resp: 1912
Ion Ratio Lower Upper
77 100
105 0.0 68.9 108.9#
106 0.0 61.2 101.2#

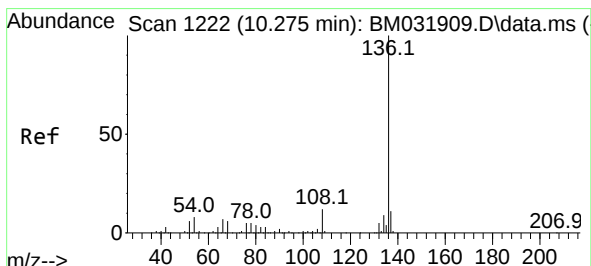
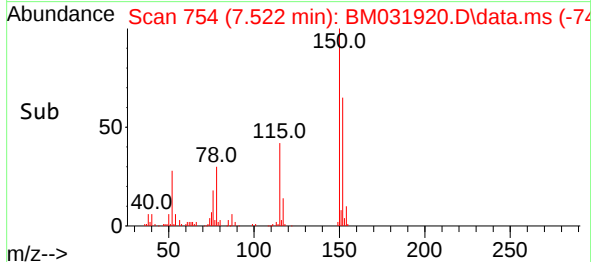
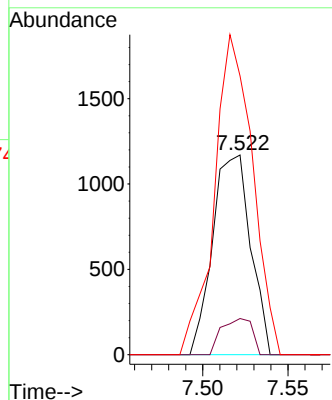
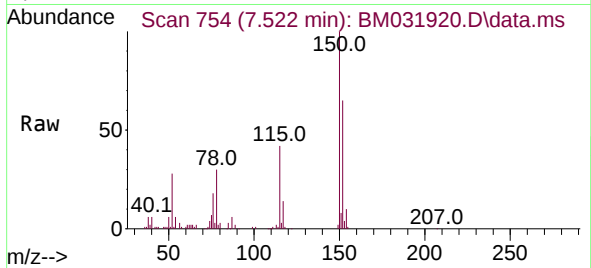




#15
Benzyl Alcohol
Concen: 0.460 ng
RT: 7.522 min Scan# 754
Delta R.T. -0.247 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

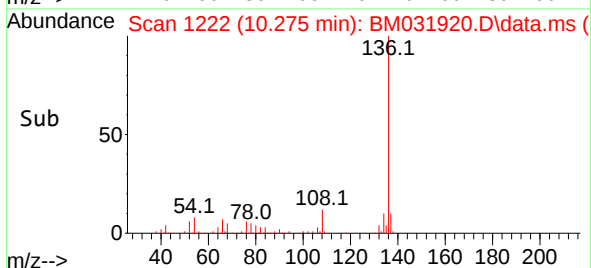
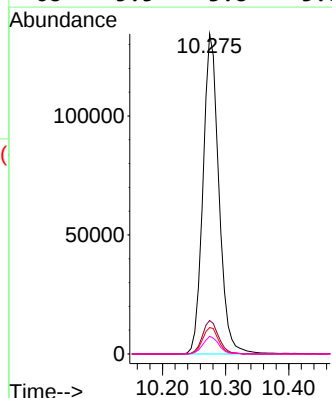
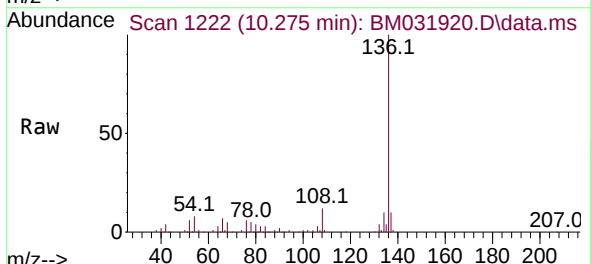
Instrument :
BNA_M
ClientSampleId :
PB138118BL

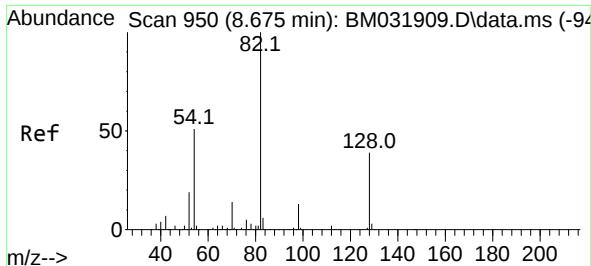
Tgt Ion: 79 Resp: 1812
Ion Ratio Lower Upper
79 100
108 18.1 53.6 80.4#
77 139.6 57.7 86.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.275 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion: 136 Resp: 234889
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 8.3 7.4 11.0
68 5.5 3.8 5.8

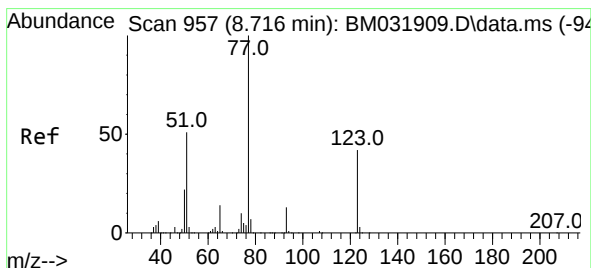
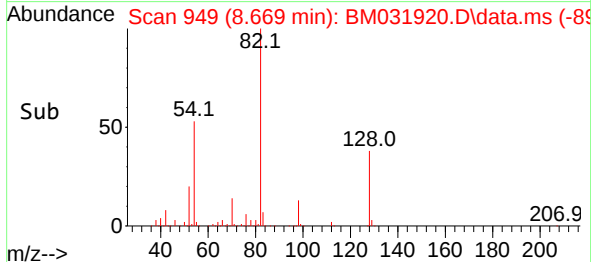
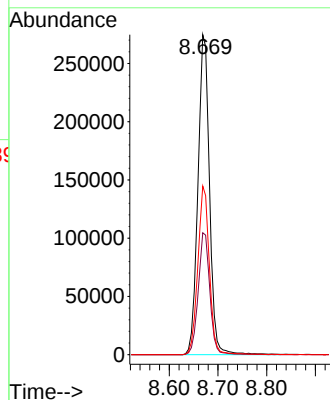
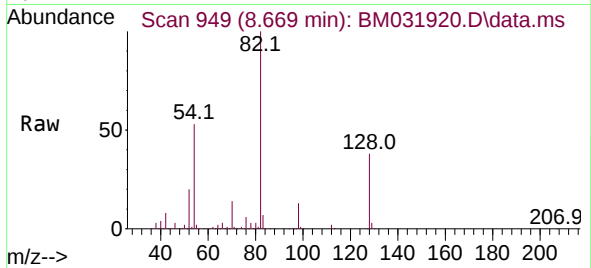




#23
Nitrobenzene-d5
Concen: 87.736 ng
RT: 8.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

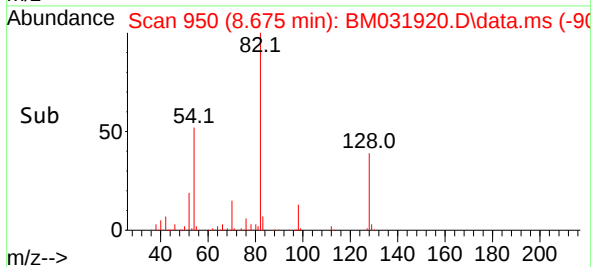
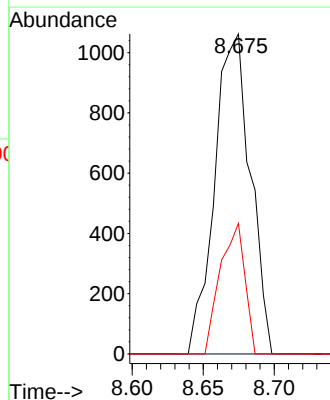
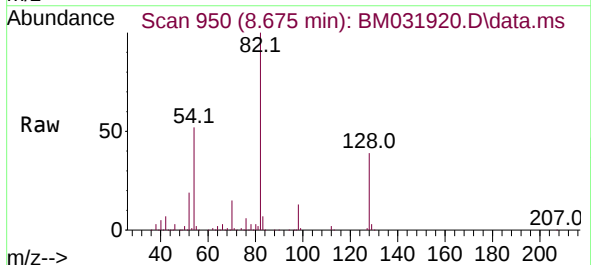
Instrument :
BNA_M
ClientSampleId :
PB138118BL

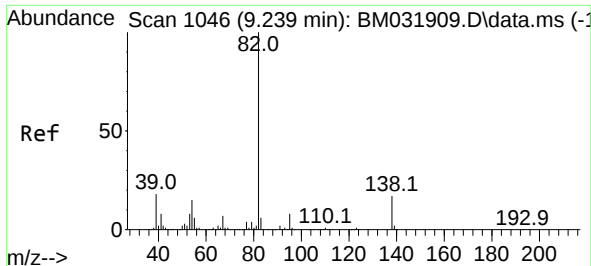
Tgt Ion: 82 Resp: 455591
Ion Ratio Lower Upper
82 100
128 38.1 29.0 43.6
54 52.7 45.8 68.8



#24
Nitrobenzene
Concen: 0.353 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.041 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion: 77 Resp: 1861
Ion Ratio Lower Upper
77 100
123 0.0 30.1 45.1#
65 40.8 11.7 17.5#

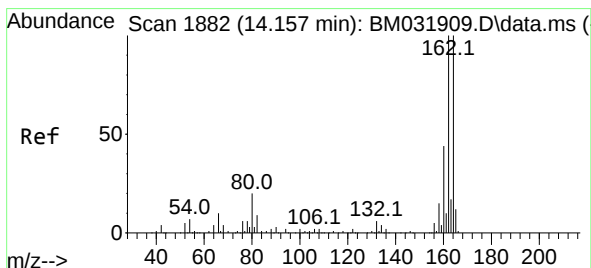
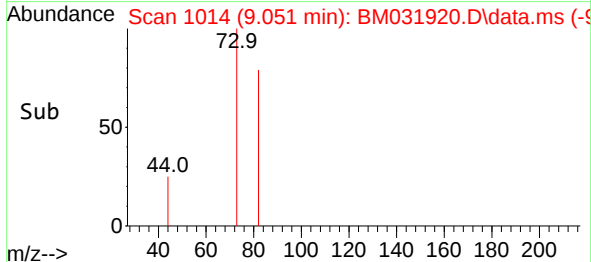
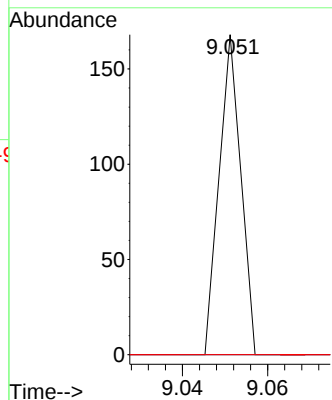
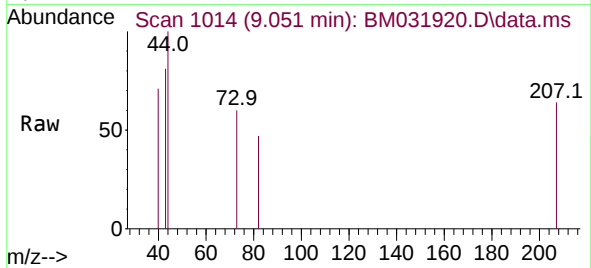




#25
Isophorone
Concen: 0.006 ng
RT: 9.051 min Scan# 1014
Delta R.T. -0.188 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

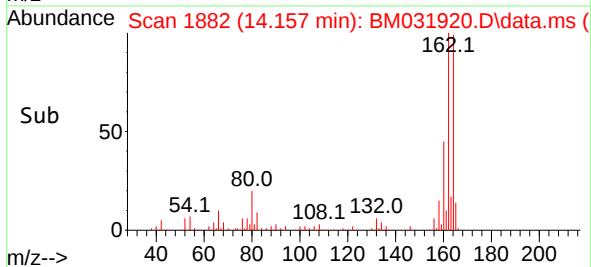
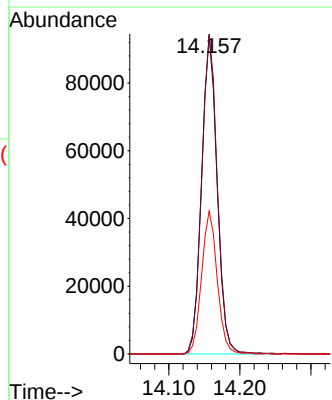
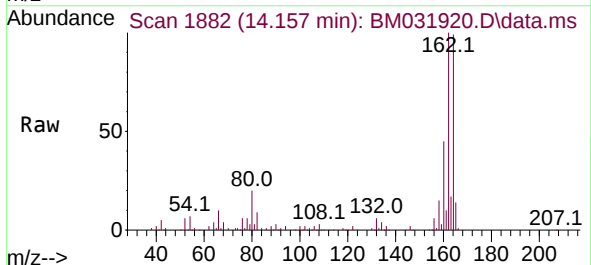
Instrument :
BNA_M
ClientSampleId :
PB138118BL

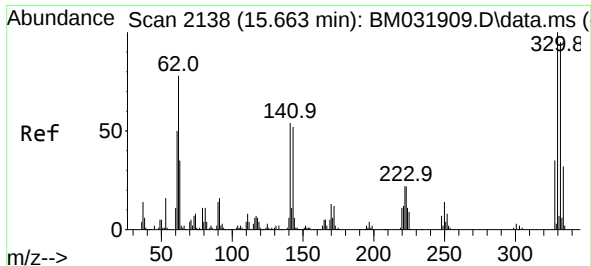
Tgt Ion: 82 Resp: 59
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.4 18.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion: 164 Resp: 143128
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 45.0 35.1 52.7

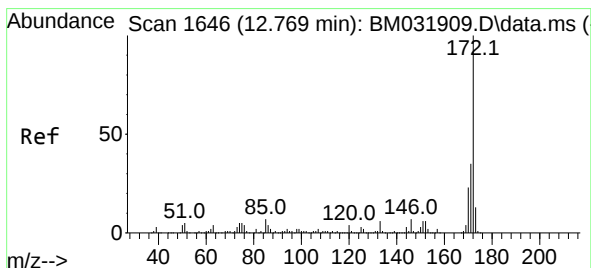
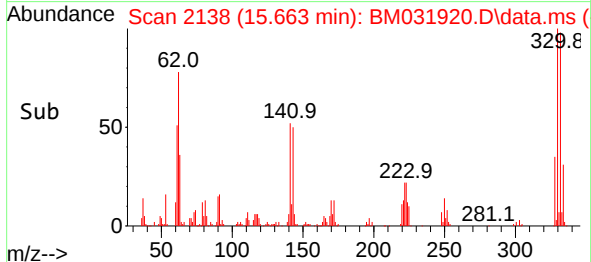
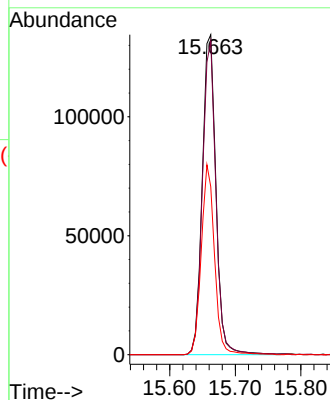
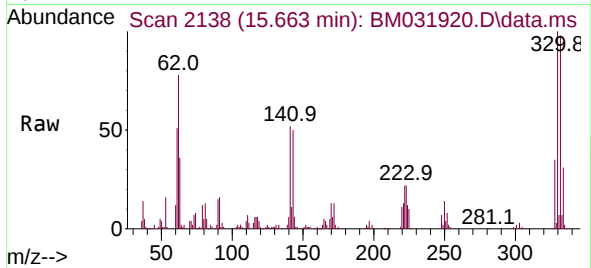




#42
2,4,6-Tribromophenol
Concen: 126.619 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

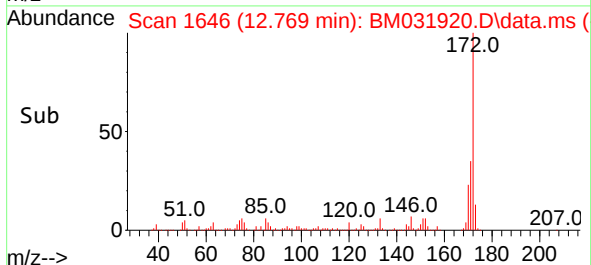
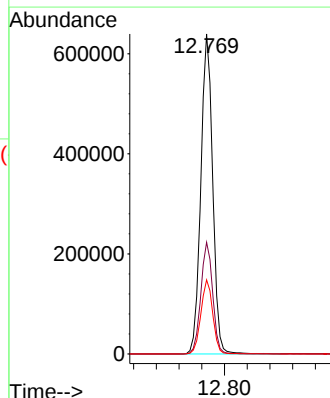
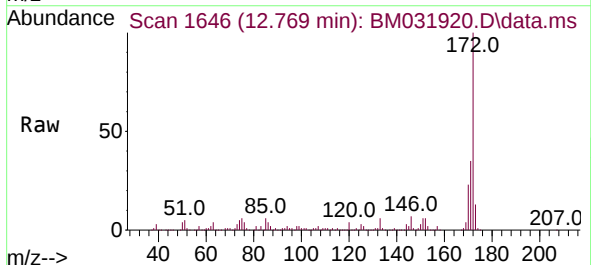
Instrument :
BNA_M
ClientSampleId :
PB138118BL

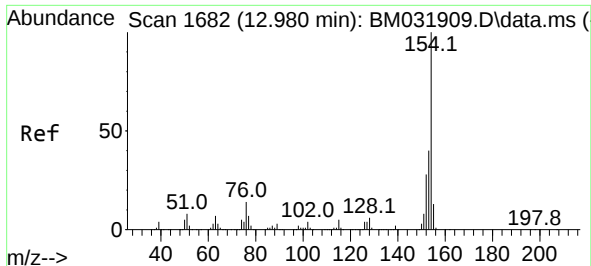
Tgt Ion:330 Resp: 195632
Ion Ratio Lower Upper
330 100
332 96.6 75.7 113.5
141 57.6 50.7 76.1



#45
2-Fluorobiphenyl
Concen: 87.675 ng
RT: 12.769 min Scan# 1646
Delta R.T. -0.000 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion:172 Resp: 927877
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.1 18.6 27.8

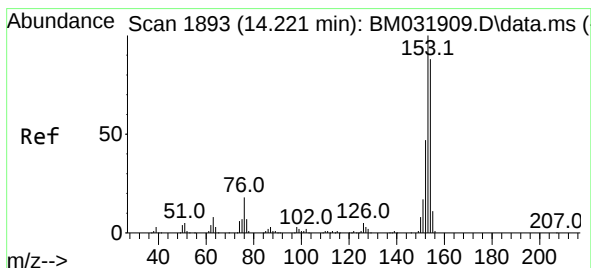
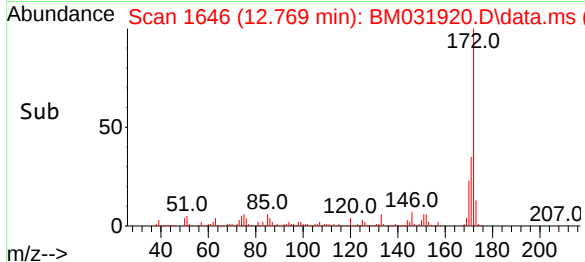
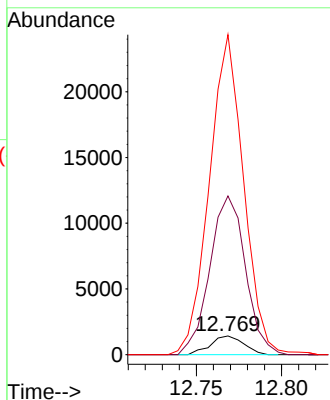
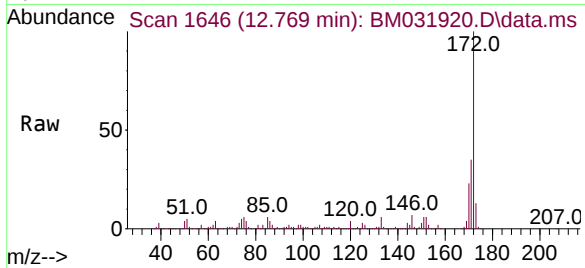




#46
1,1'-Biphenyl
Concen: 0.173 ng
RT: 12.769 min Scan# 1646
Delta R.T. -0.212 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

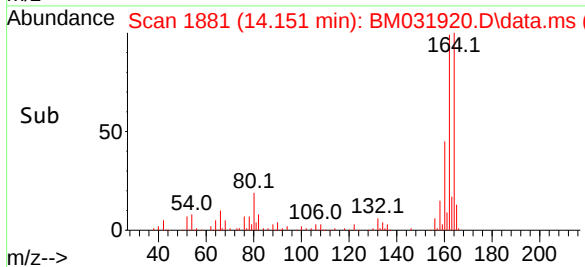
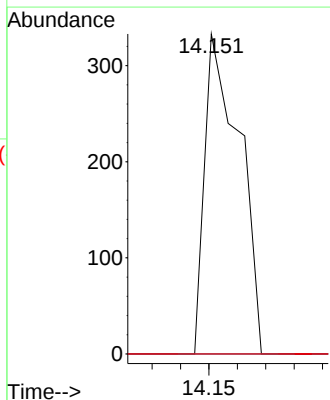
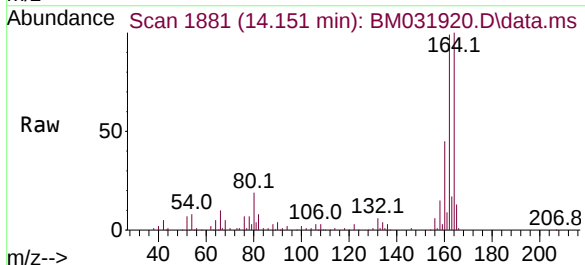
Instrument :
BNA_M
ClientSampleId :
PB138118BL

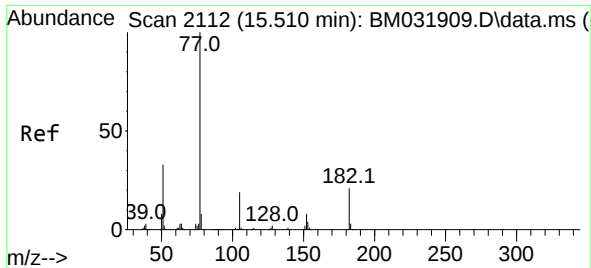
Tgt Ion:154 Resp: 1935
Ion Ratio Lower Upper
154 100
153 849.3 20.3 60.3#
76 1712.0 0.0 33.5#



#52
Acenaphthene
Concen: 0.033 ng
RT: 14.151 min Scan# 1881
Delta R.T. -0.071 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion:154 Resp: 282
Ion Ratio Lower Upper
154 100
153 0.0 92.4 138.6#
152 0.0 43.7 65.5#

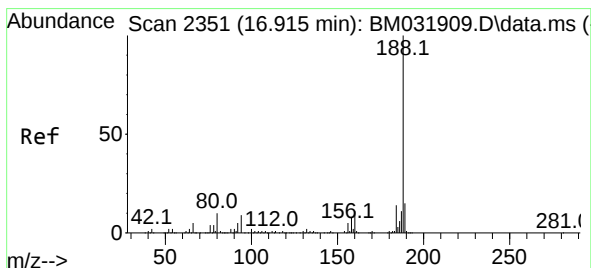
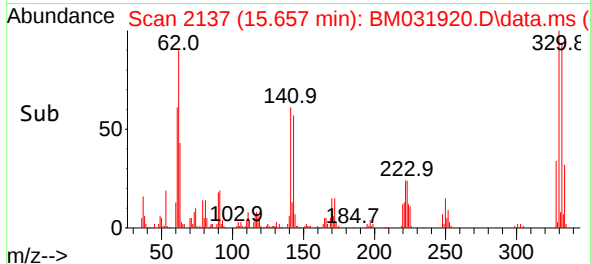
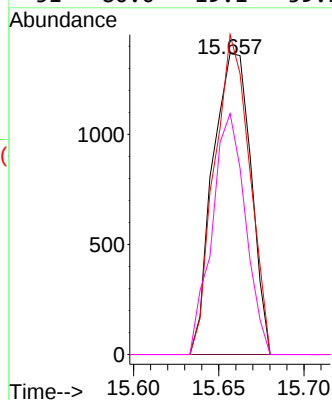
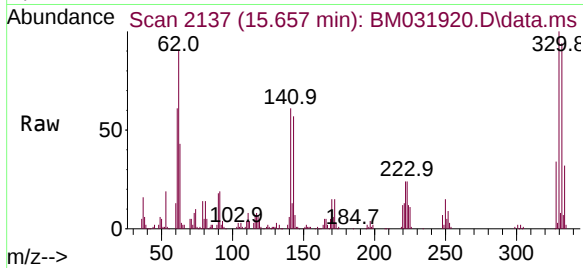




#63
Azobenzene
Concen: 0.167 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.147 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

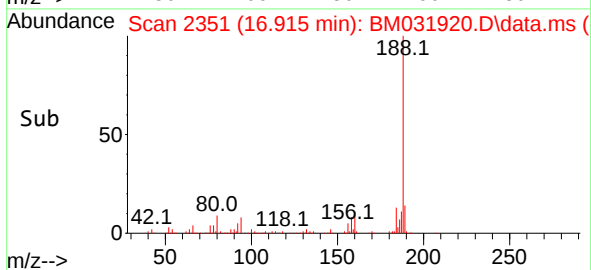
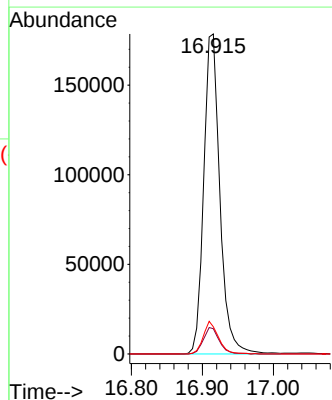
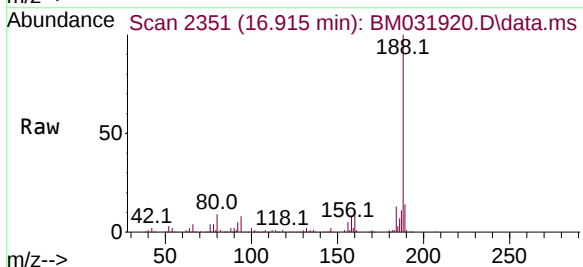
Instrument :
BNA_M
ClientSampleId :
PB138118BL

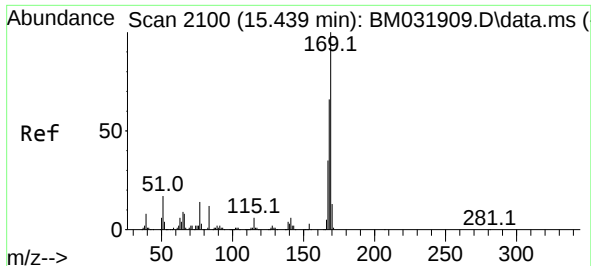
Tgt Ion: 77	Resp: 2133
Ion Ratio	Lower Upper
77 100	
182 0.0	0.0 39.3
105 106.1	0.0 36.1#
51 80.0	19.1 59.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.915 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

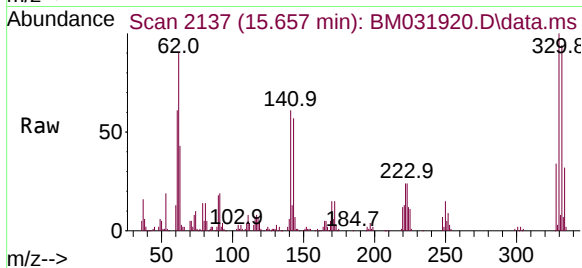
Tgt Ion: 188	Resp: 282791
Ion Ratio	Lower Upper
188 100	
94 7.9	6.3 9.5
80 8.5	7.3 10.9



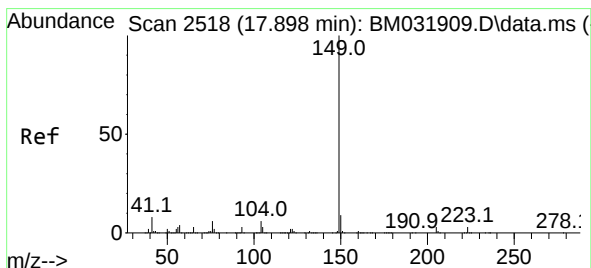
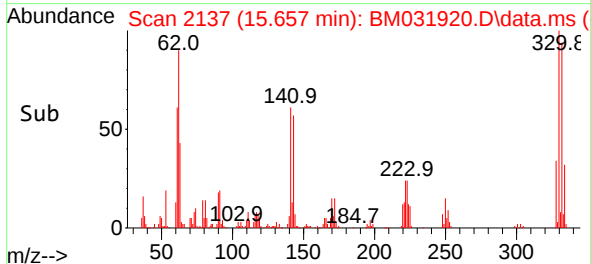
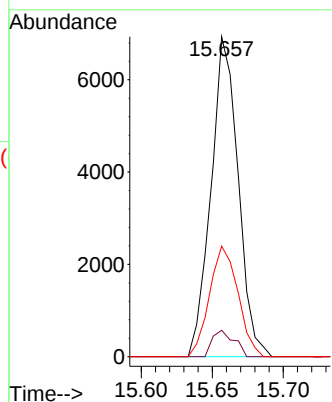


#66
n-Nitrosodiphenylamine
Concen: 0.966 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.218 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

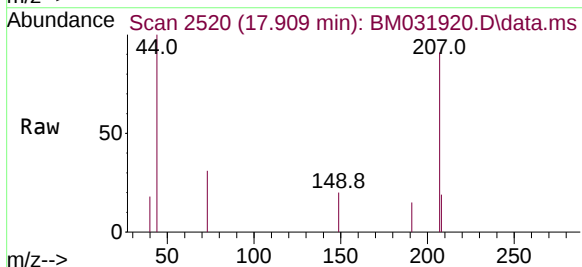
Instrument :
BNA_M
ClientSampleId :
PB138118BL



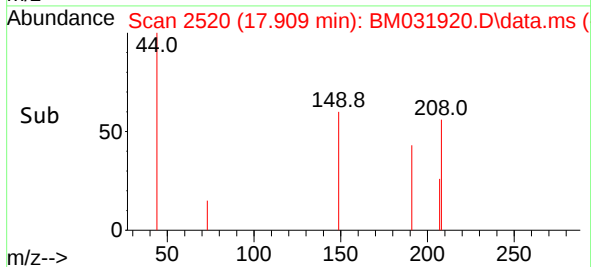
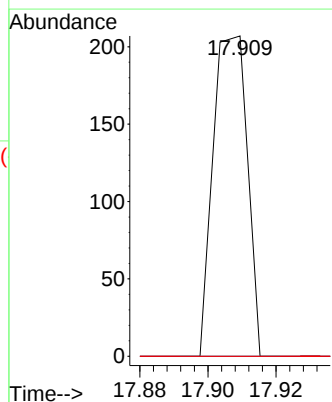
Tgt Ion:169 Resp: 9199
Ion Ratio Lower Upper
169 100
168 8.3 55.0 82.4#
167 34.5 29.8 44.8

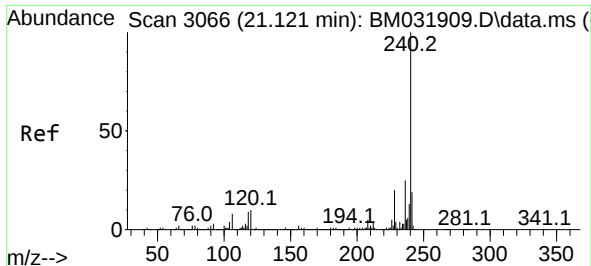


#74
Di-n-butylphthalate
Concen: 0.008 ng
RT: 17.909 min Scan# 2520
Delta R.T. 0.012 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59



Tgt Ion:149 Resp: 145
Ion Ratio Lower Upper
149 100
150 0.0 7.3 10.9#
104 0.0 5.6 8.4#

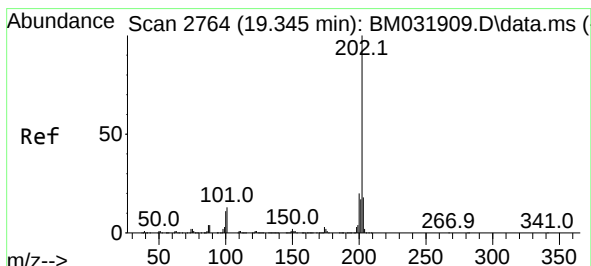
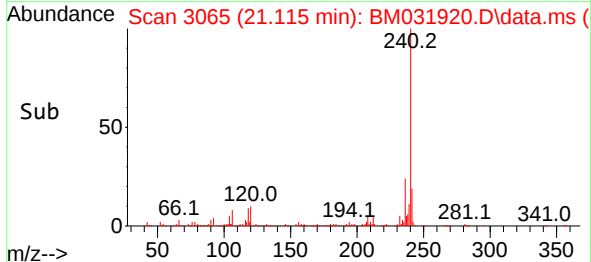
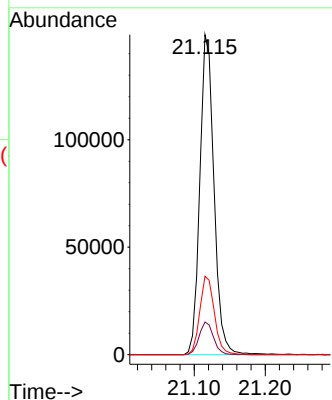
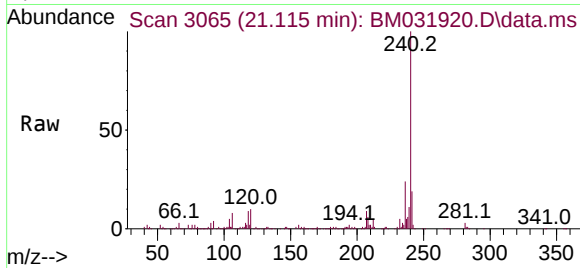




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.115 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

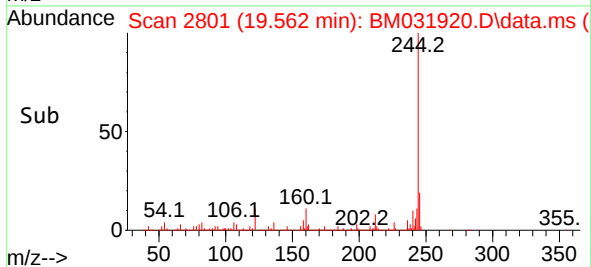
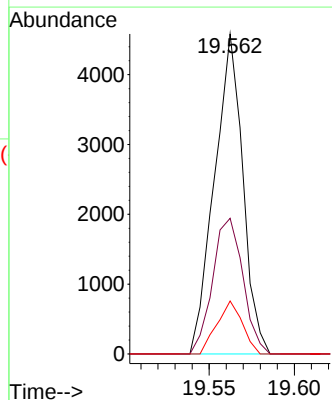
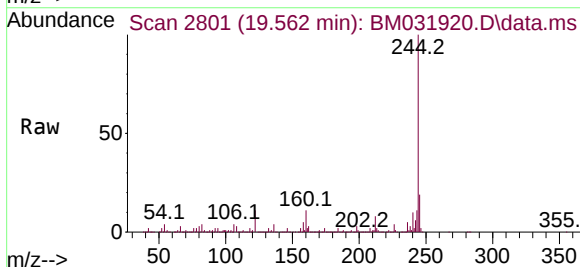
Instrument :
BNA_M
ClientSampleId :
PB138118BL

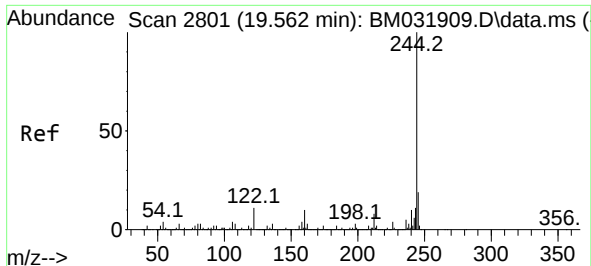
Tgt Ion:240 Resp: 206978
Ion Ratio Lower Upper
240 100
120 10.2 7.8 11.6
236 24.5 20.9 31.3



#78
Pyrene
Concen: 0.322 ng
RT: 19.562 min Scan# 2801
Delta R.T. 0.218 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion:202 Resp: 5296
Ion Ratio Lower Upper
202 100
200 42.4 16.6 25.0#
203 16.6 13.7 20.5

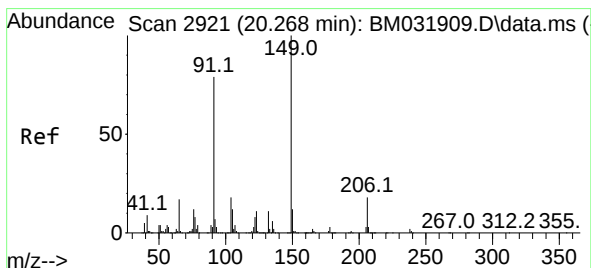
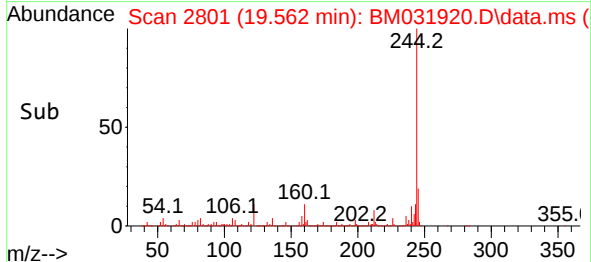
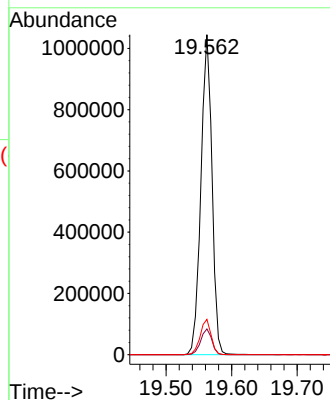
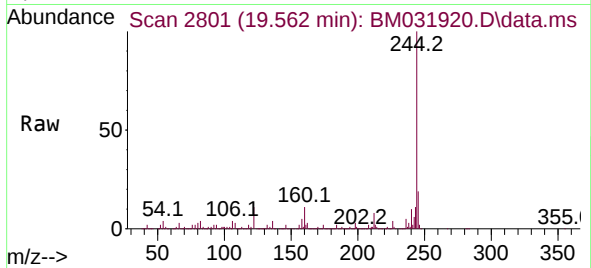




#79
Terphenyl-d14
Concen: 95.466 ng
RT: 19.562 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

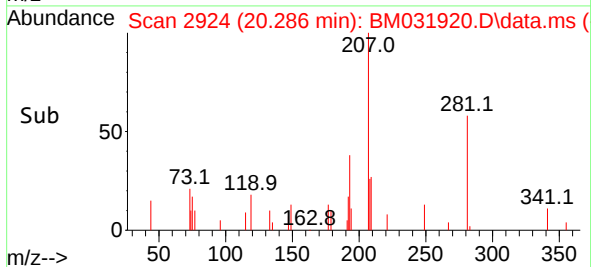
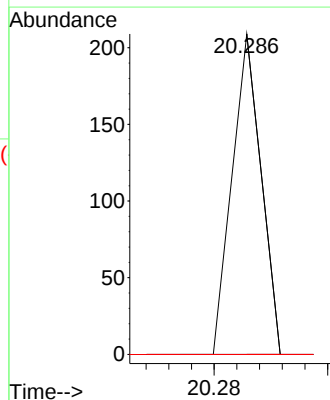
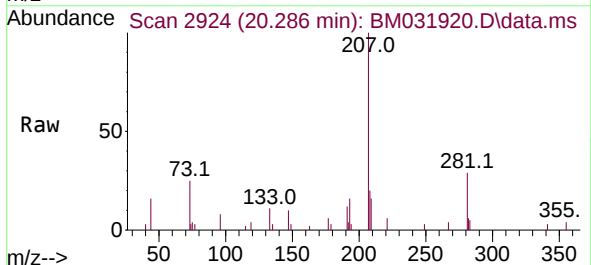
Instrument :
BNA_M
ClientSampleId :
PB138118BL

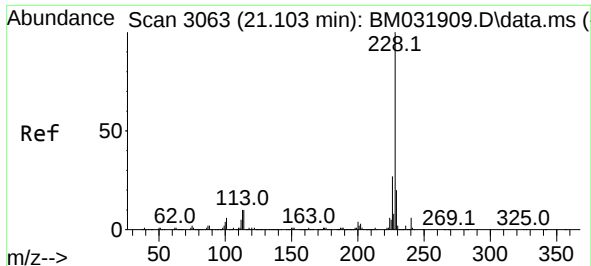
Tgt Ion:244 Resp: 1229134
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 11.1 8.7 13.1



#80
Butylbenzylphthalate
Concen: 0.011 ng
RT: 20.286 min Scan# 2924
Delta R.T. 0.018 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion:149 Resp: 74
Ion Ratio Lower Upper
149 100
91 0.0 64.0 96.0#
206 0.0 14.4 21.6#

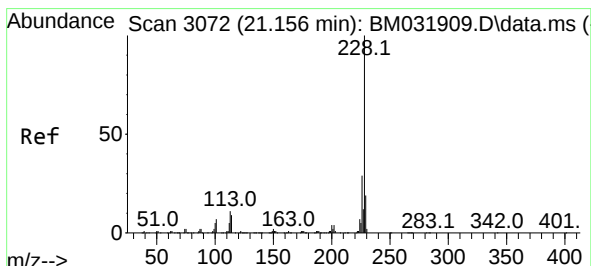
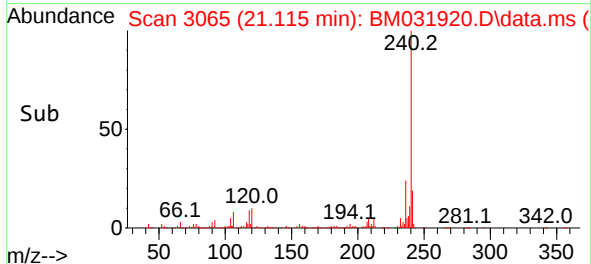
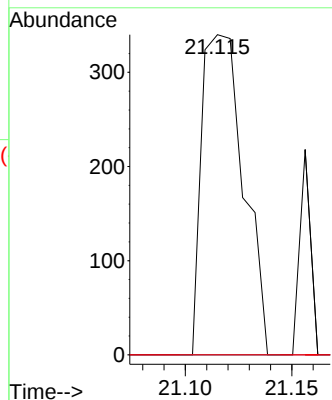
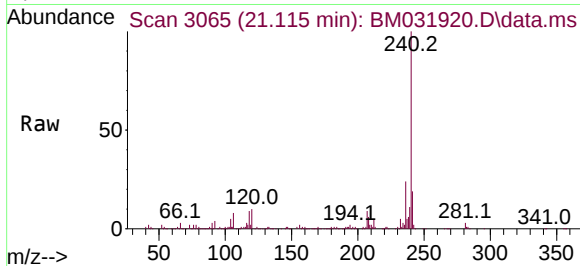




#81
Benzo(a)anthracene
Concen: 0.032 ng
RT: 21.115 min Scan# 3065
Delta R.T. 0.012 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

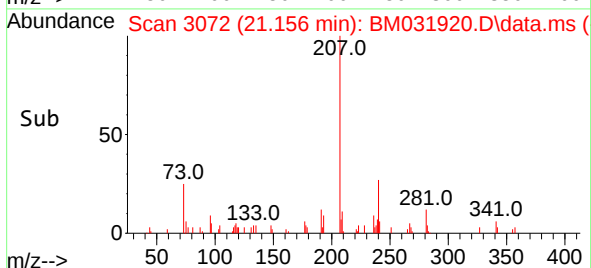
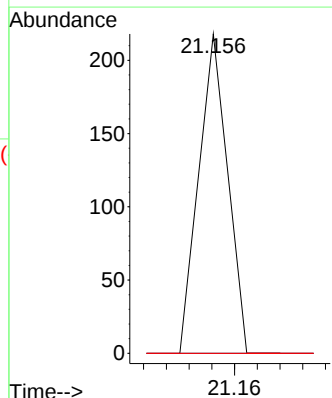
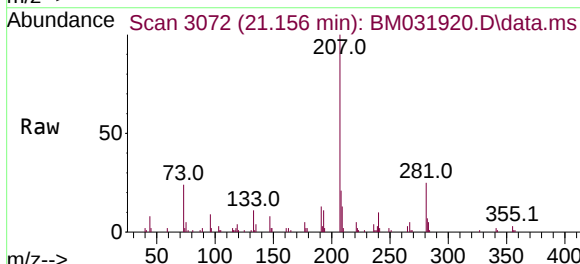
Instrument :
BNA_M
ClientSampleId :
PB138118BL

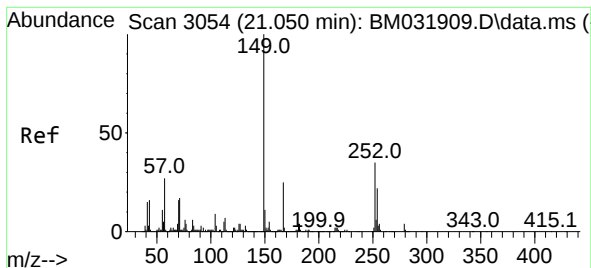
Tgt Ion:228 Resp: 465
Ion Ratio Lower Upper
228 100
226 0.0 21.4 32.2#
229 0.0 15.3 22.9#



#83
Chrysene
Concen: 0.005 ng
RT: 21.156 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion:228 Resp: 77
Ion Ratio Lower Upper
228 100
226 0.0 24.0 36.0#
229 0.0 16.0 24.0#

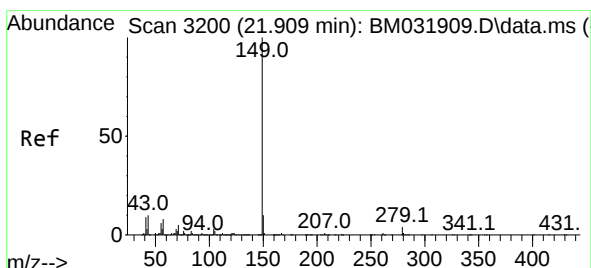
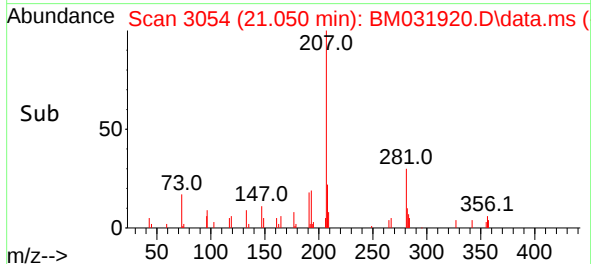
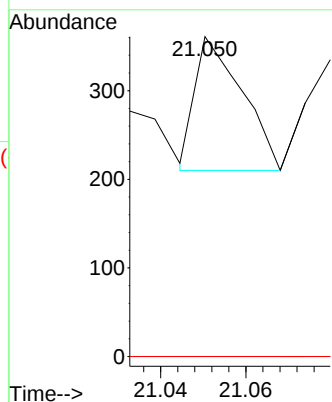
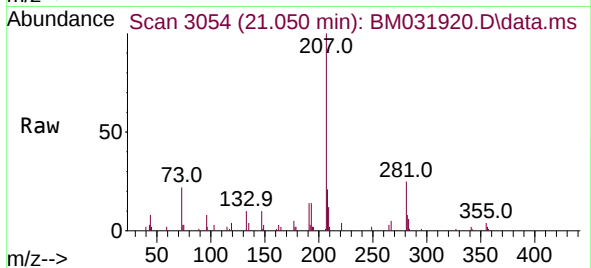




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.011 ng
RT: 21.050 min Scan# 3054
Delta R.T. -0.000 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

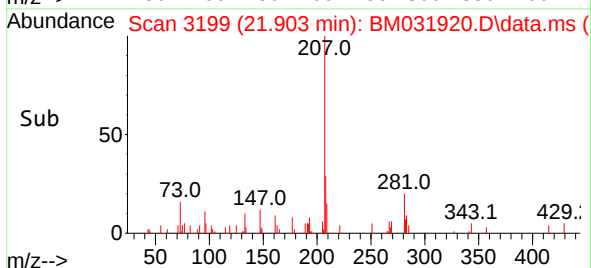
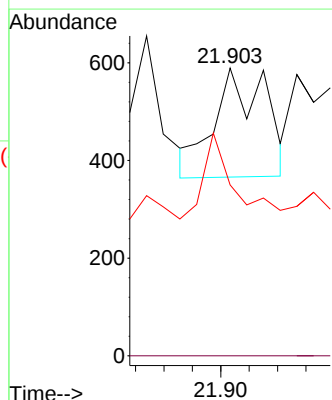
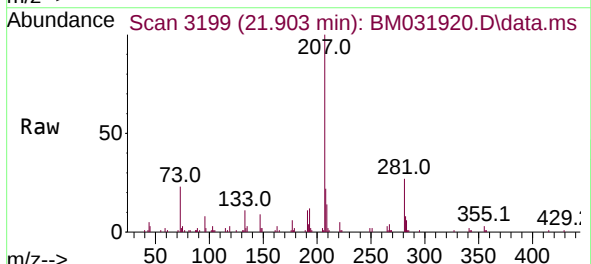
Instrument :
BNA_M
ClientSampleId :
PB138118BL

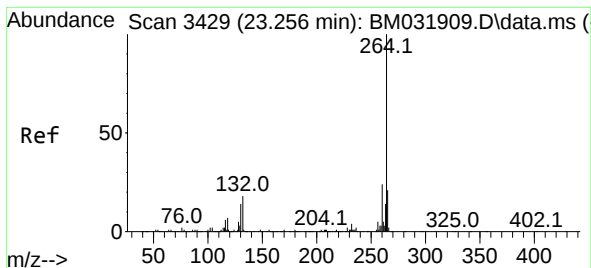
Tgt Ion:149 Resp: 116
Ion Ratio Lower Upper
149 100
167 0.0 19.7 29.5#
279 0.0 2.6 4.0#



#85
Di-n-octyl phthalate
Concen: 0.017 ng
RT: 21.903 min Scan# 3199
Delta R.T. -0.006 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion:149 Resp: 277
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 46.6 10.4 15.6#

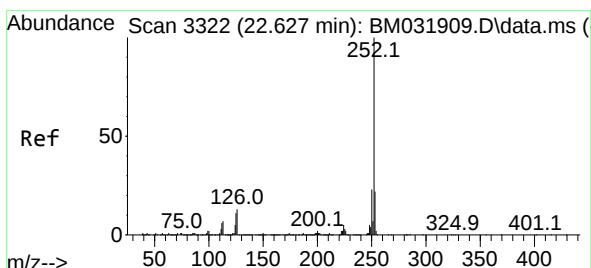
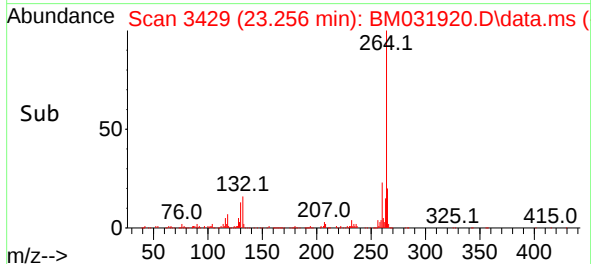
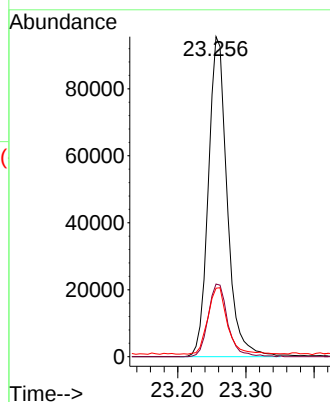
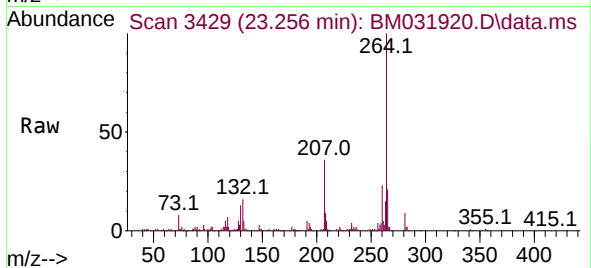




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.256 min Scan# 3429
Delta R.T. -0.000 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

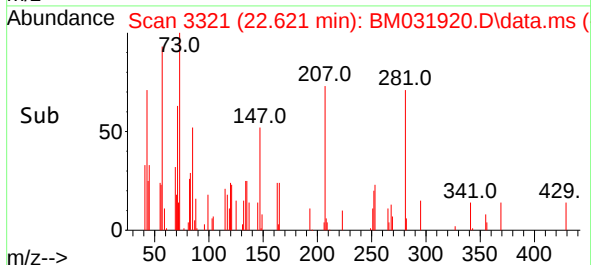
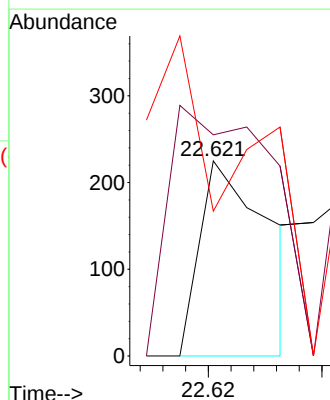
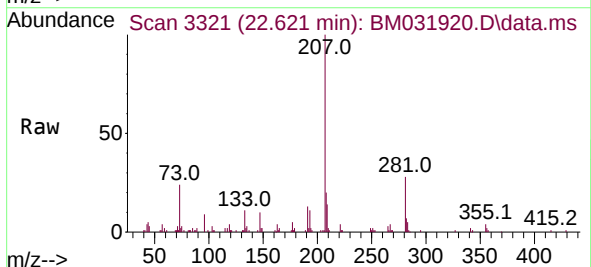
Instrument :
BNA_M
ClientSampleId :
PB138118BL

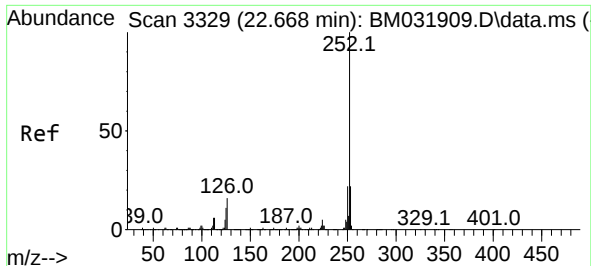
Tgt Ion:	264	Resp:	183294
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.3	28.9
265	21.4	18.3	27.5



#88
Benzo(b)fluoranthene
Concen: 0.014 ng
RT: 22.621 min Scan# 3321
Delta R.T. -0.006 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion:	252	Resp:	193
Ion Ratio	Lower	Upper	
252	100		
253	113.3	18.0	27.0#
125	74.2	7.5	11.3#

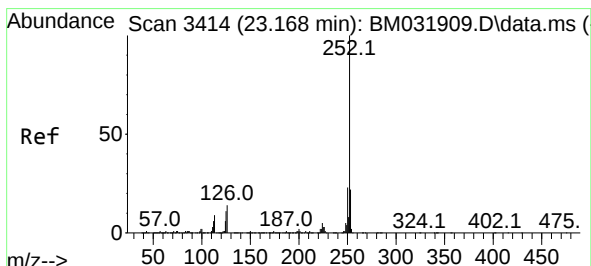
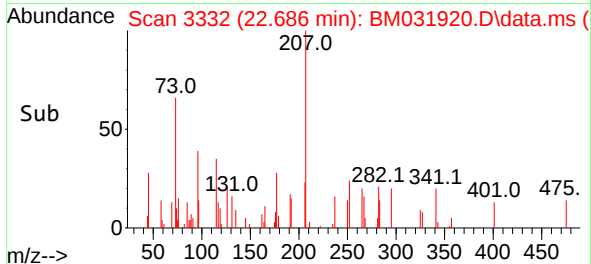
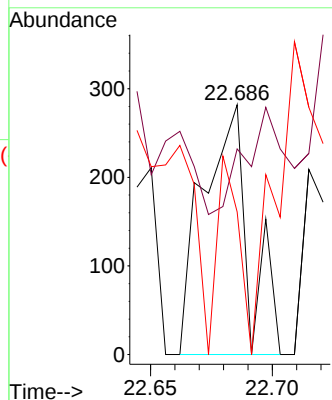
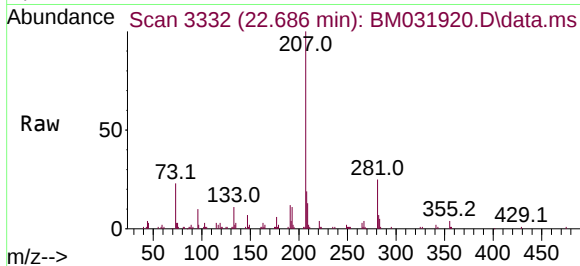




#89
Benzo(k)fluoranthene
Concen: 0.028 ng
RT: 22.686 min Scan# 3332
Delta R.T. 0.018 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Instrument :
BNA_M
ClientSampleId :
PB138118BL

Tgt Ion:252 Resp: 368
Ion Ratio Lower Upper
252 100
253 82.3 17.3 25.9#
125 57.1 7.5 11.3#



#90
Benzo(a)pyrene
Concen: 0.034 ng
RT: 23.162 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BM031920.D
Acq: 26 Aug 2021 18:59

Tgt Ion:252 Resp: 402
Ion Ratio Lower Upper
252 100
253 80.7 17.4 26.2#
125 79.8 8.1 12.1#

