

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082521\
 Data File : BM031901.D
 Acq On : 25 Aug 2021 22:31
 Operator : CG/JU
 Sample : PB138117BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB138117BL

Quant Time: Aug 26 02:54:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 25 14:16:52 2021
 Response via : Initial Calibration

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

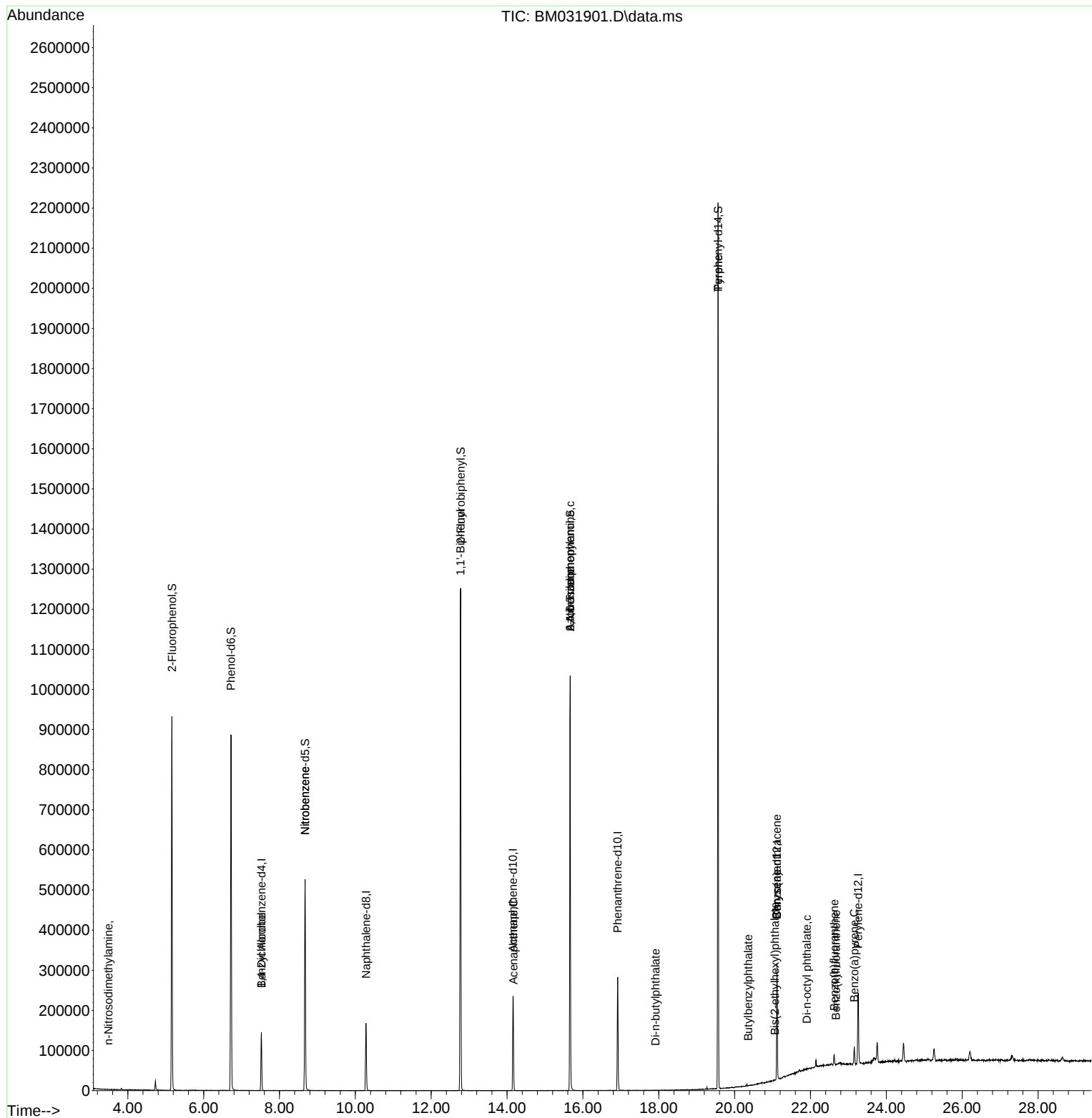
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	31610	20.000	ng	0.00
21) Naphthalene-d8	10.281	136	125656	20.000	ng	0.00
39) Acenaphthene-d10	14.157	164	78618	20.000	ng	0.00
64) Phenanthrene-d10	16.916	188	156140	20.000	ng	0.00
76) Chrysene-d12	21.115	240	128054	20.000	ng	0.00
86) Perylene-d12	23.256	264	117147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	305841	159.956	ng	0.00
7) Phenol-d6	6.722	99	372250	137.599	ng	0.00
23) Nitrobenzene-d5	8.675	82	267237	92.120	ng	0.00
42) 2,4,6-Tribromophenol	15.663	330	121768	131.030	ng	0.00
45) 2-Fluorobiphenyl	12.775	172	545306	91.511	ng	0.00
79) Terphenyl-d14	19.562	244	798615	90.024	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.487	42	56	0.042	ng	# 1
9) Benzaldehyde	6.728	77	978	Below Cal		# 7
15) Benzyl Alcohol	7.522	79	1106	0.479	ng	# 39
24) Nitrobenzene	8.675	77	1224	0.417	ng	# 45
46) 1,1'-Biphenyl	12.769	154	1195	0.196	ng	# 1
52) Acenaphthene	14.169	154	120	0.026	ng	# 4
63) Azobenzene	15.663	77	1667	0.222	ng	# 24
66) n-Nitrosodiphenylamine	15.663	169	5721	1.099	ng	# 48
74) Di-n-butylphthalate	17.915	149	58	0.005	ng	# 77
78) Pyrene	19.562	202	3835	0.358	ng	# 61
80) Butylbenzylphthalate	20.356	149	60	0.013	ng	# 19
81) Benzo(a)anthracene	21.115	228	329	0.036	ng	# 52
83) Chrysene	21.115	228	329	0.037	ng	# 49
84) Bis(2-ethylhexyl)phtha...	21.062	149	484	0.073	ng	# 55
85) Di-n-octyl phthalate	21.903	149	527	0.053	ng	# 77
88) Benzo(b)fluoranthene	22.627	252	55	0.006	ng	# 1
89) Benzo(k)fluoranthene	22.674	252	72	0.009	ng	# 60
90) Benzo(a)pyrene	23.156	252	132	0.017	ng	# 1

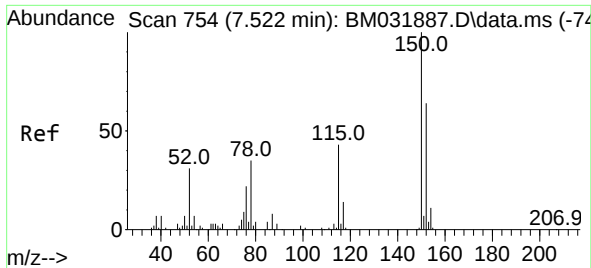
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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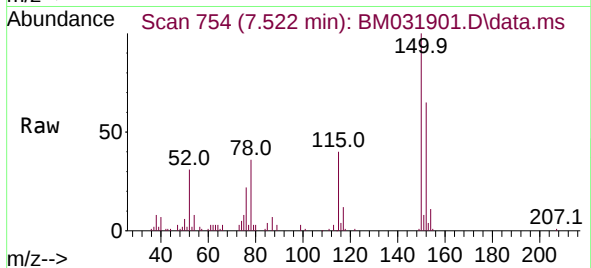
Quant Time: Aug 26 02:54:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082521.M
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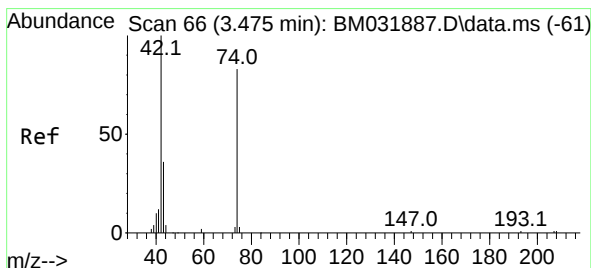
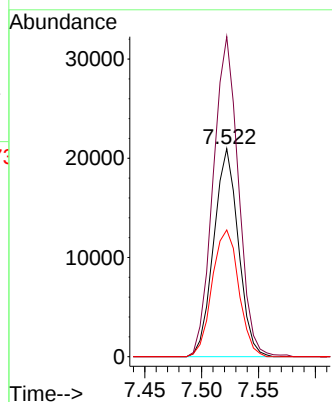
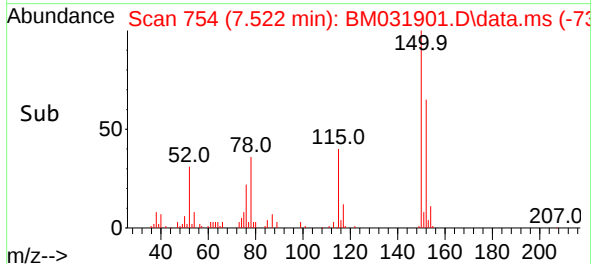


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

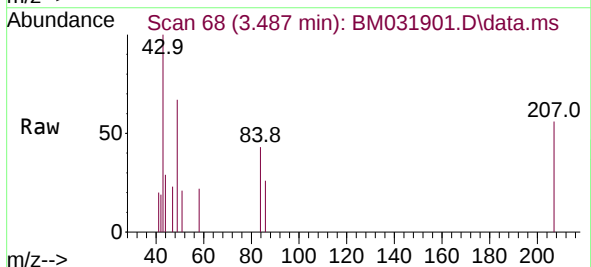
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BNA_M
ClientSampleId :
PB138117BL



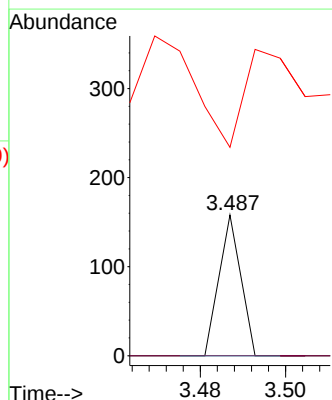
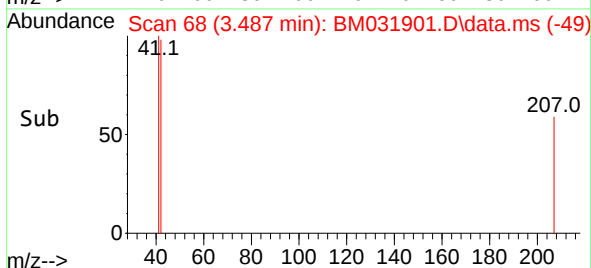
Tgt Ion:152 Resp: 31610
Ion Ratio Lower Upper
152 100
150 153.9 122.4 183.6
115 60.9 53.8 80.8

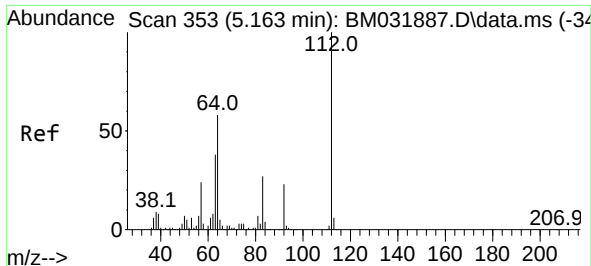


#4
n-Nitrosodimethylamine
Concen: 0.042 ng
RT: 3.487 min Scan# 68
Delta R.T. 0.012 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31



Tgt Ion: 42 Resp: 56
Ion Ratio Lower Upper
42 100
74 0.0 99.5 149.3#
44 148.1 57.3 85.9#

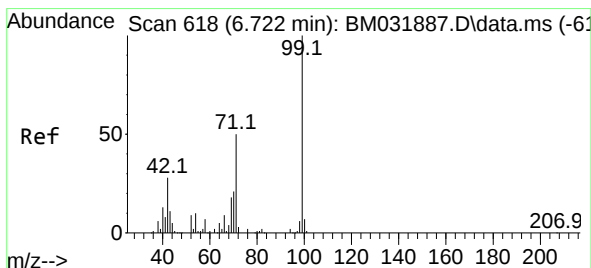
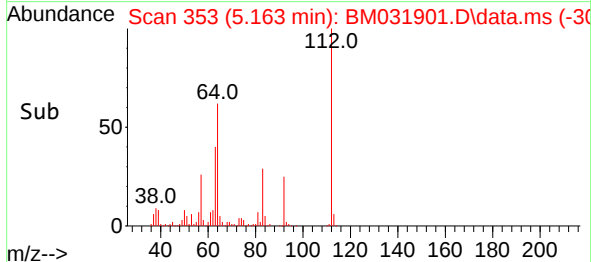
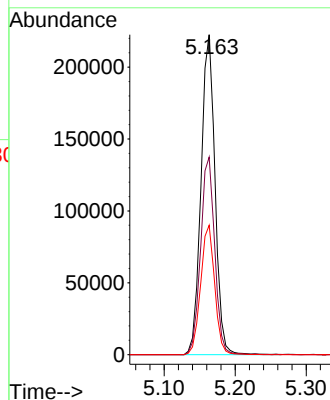
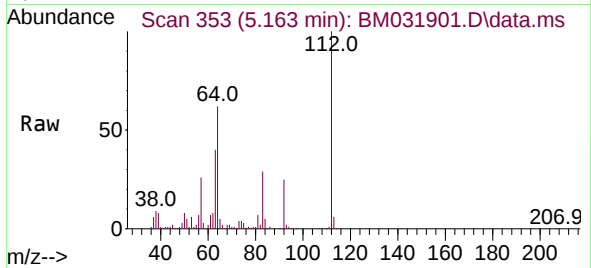




#5
2-Fluorophenol
Concen: 159.956 ng
RT: 5.163 min Scan# 353
Delta R.T. 0.000 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

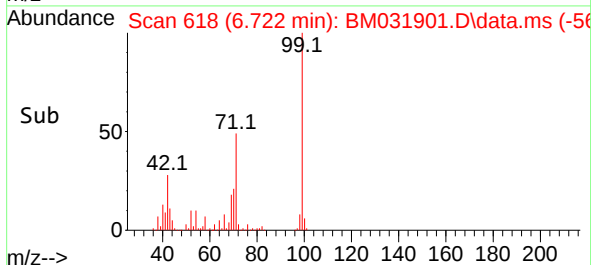
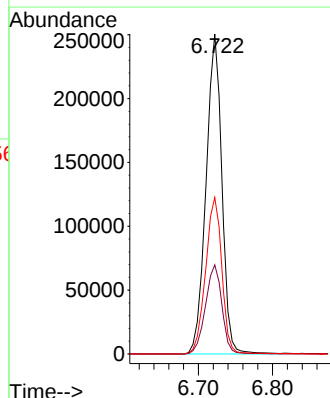
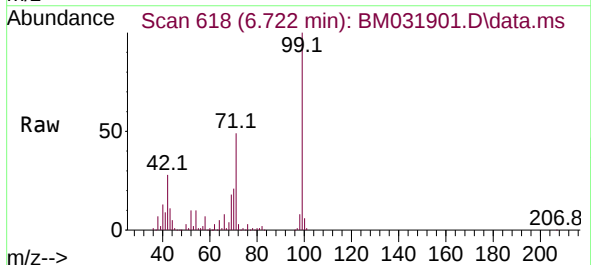
Instrument :
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ClientSampleId :
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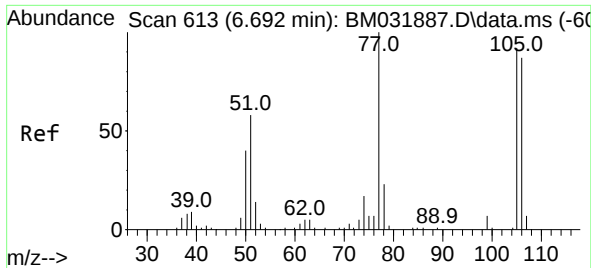
Tgt Ion:112 Resp: 305841
Ion Ratio Lower Upper
112 100
64 61.8 53.7 80.5
63 40.4 33.9 50.9



#7
Phenol-d6
Concen: 137.599 ng
RT: 6.722 min Scan# 618
Delta R.T. 0.000 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

Tgt Ion: 99 Resp: 372250
Ion Ratio Lower Upper
99 100
42 27.8 23.0 34.6
71 48.9 37.8 56.8

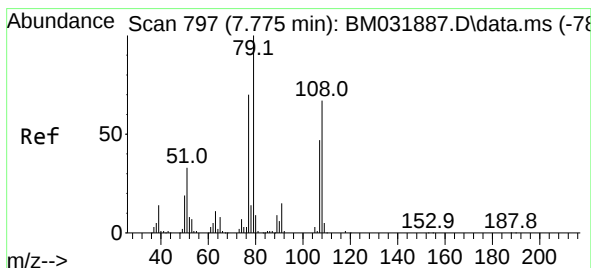
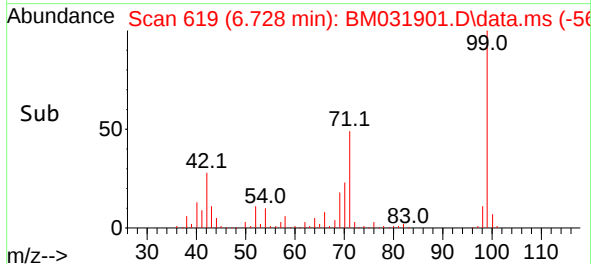
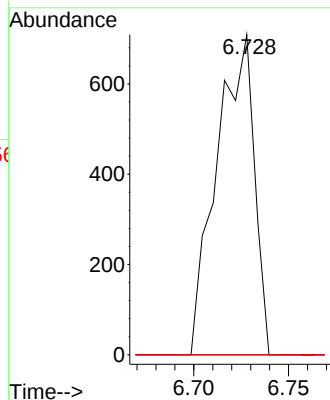
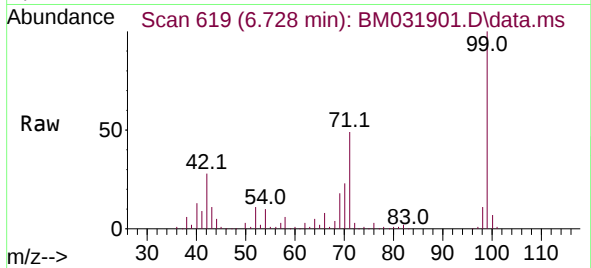




#9
Benzaldehyde
Concen: Below Cal
RT: 6.728 min Scan# 619
Delta R.T. 0.036 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

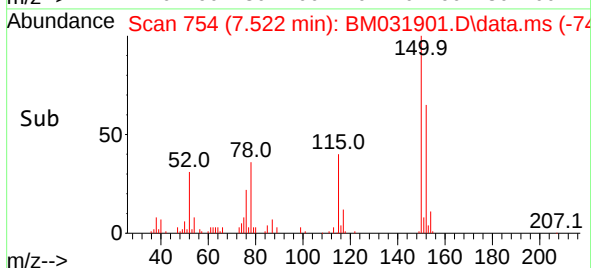
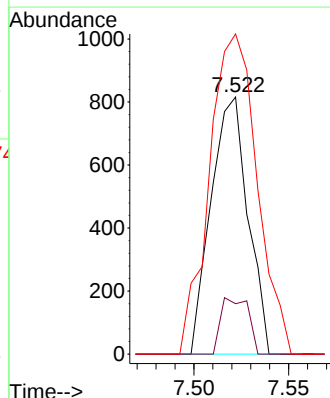
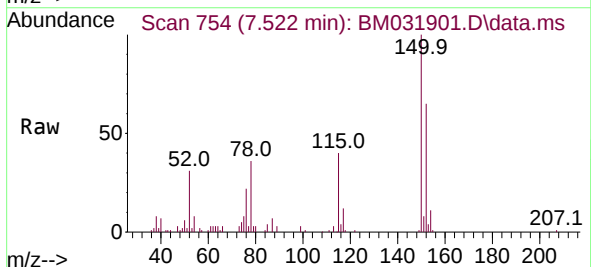
Instrument :
BNA_M
ClientSampleId :
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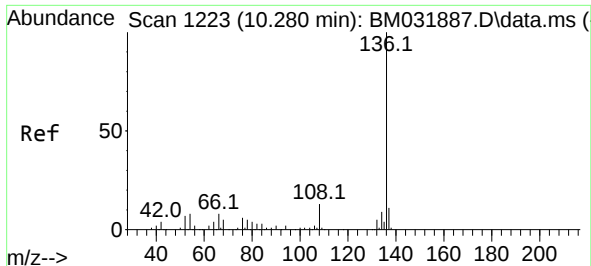
Tgt Ion: 77 Resp: 978
Ion Ratio Lower Upper
77 100
105 0.0 68.9 108.9#
106 0.0 61.2 101.2#



#15
Benzyl Alcohol
Concen: 0.479 ng
RT: 7.522 min Scan# 754
Delta R.T. -0.253 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

Tgt Ion: 79 Resp: 1106
Ion Ratio Lower Upper
79 100
108 19.6 53.6 80.4#
77 124.5 57.7 86.5#

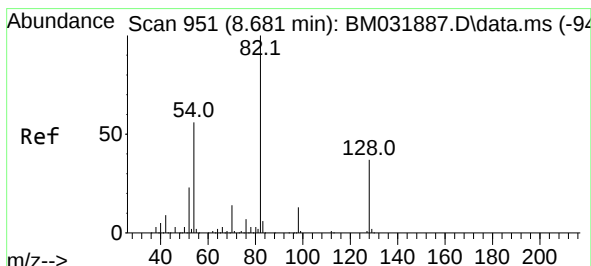
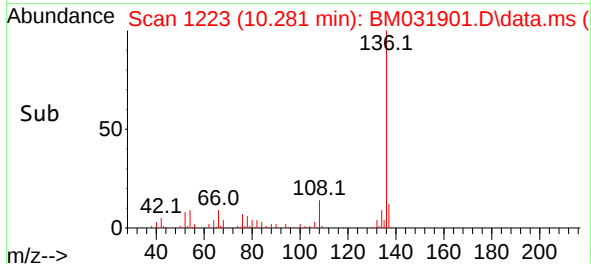
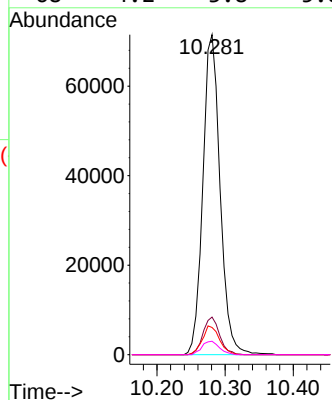
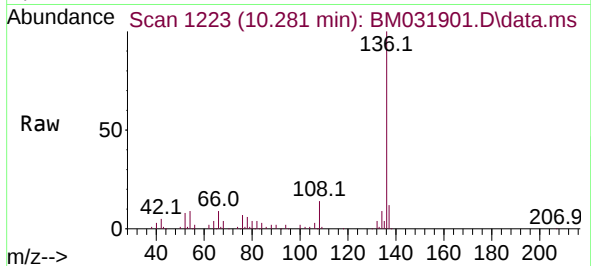




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

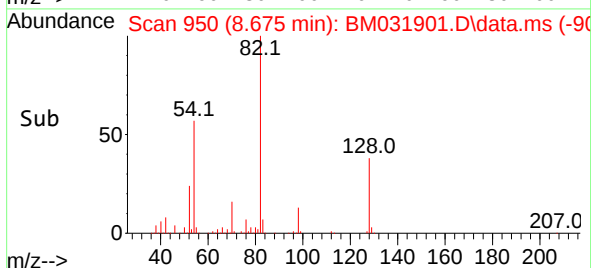
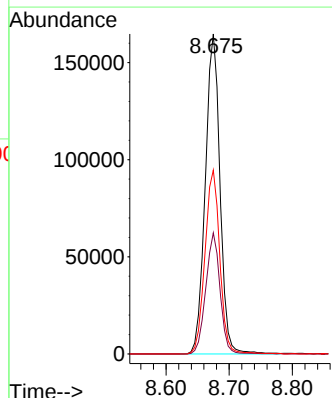
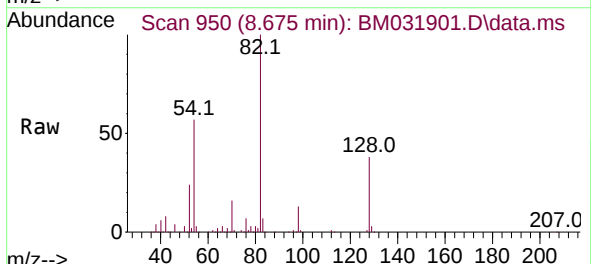
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ClientSampleId :
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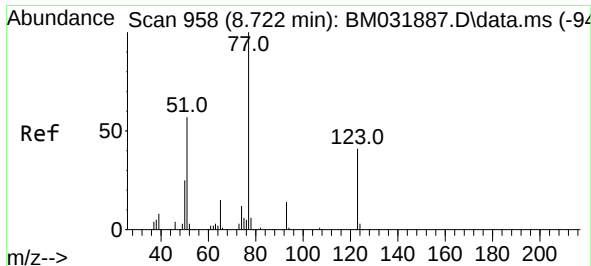
Tgt Ion:	136	Resp:	125656
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.7	13.1
54	8.5	7.4	11.0
68	4.2	3.8	5.8



#23
Nitrobenzene-d5
Concen: 92.120 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.006 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

Tgt Ion:	82	Resp:	267237
Ion Ratio	Lower	Upper	
82	100		
128	37.8	29.0	43.6
54	57.4	45.8	68.8

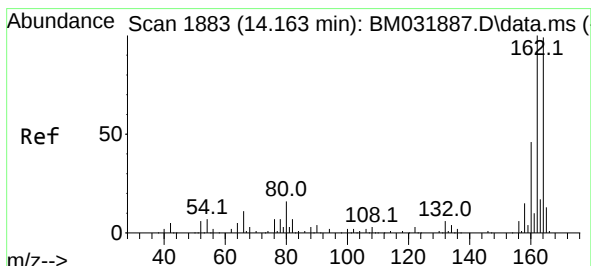
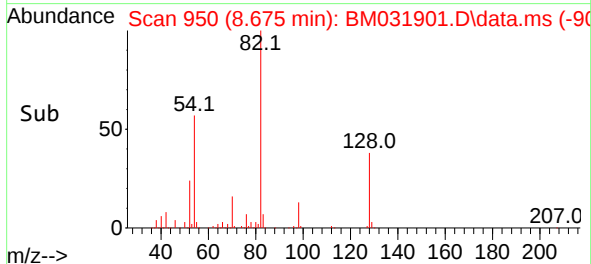
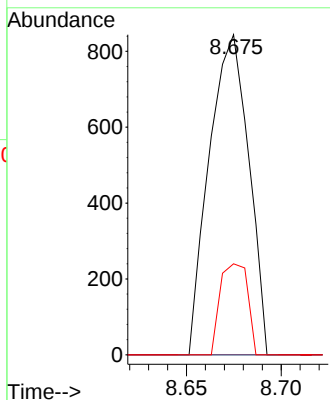
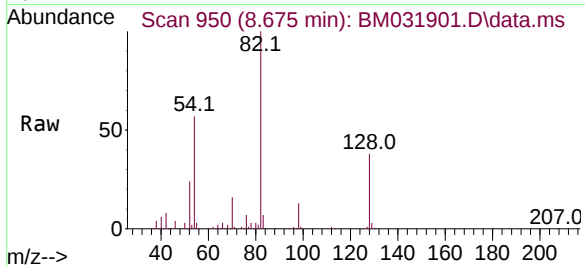




#24
Nitrobenzene
Concen: 0.417 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.047 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

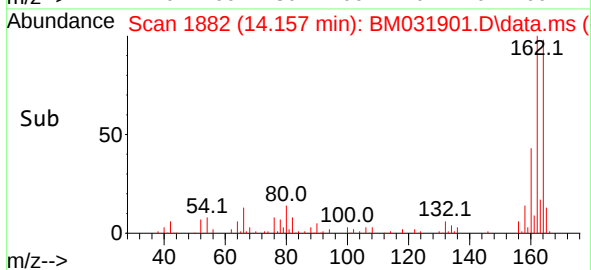
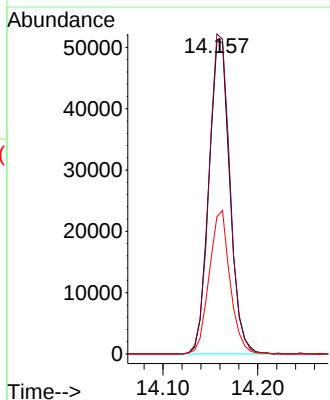
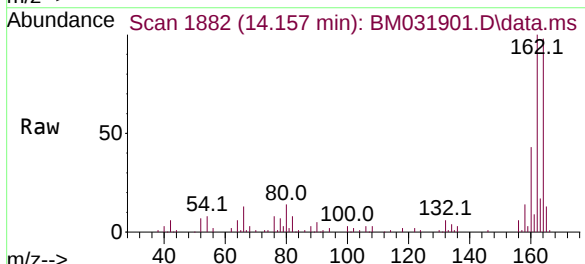
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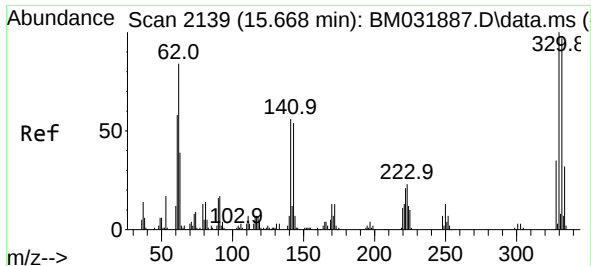
Tgt Ion: 77	Resp:	1224
Ion Ratio	Lower	Upper
77	100	
123	0.0	30.1 45.1#
65	28.4	11.7 17.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

Tgt Ion: 164	Resp:	78618
Ion Ratio	Lower	Upper
164	100	
162	102.3	80.6 121.0
160	43.9	35.1 52.7

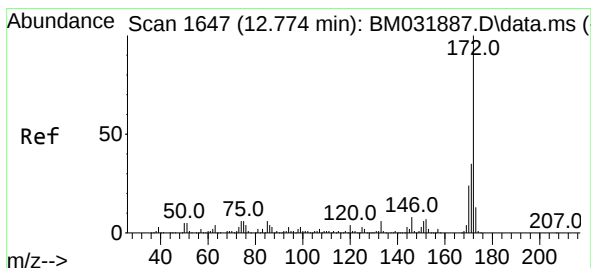
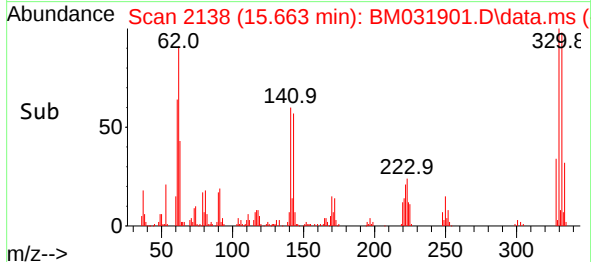
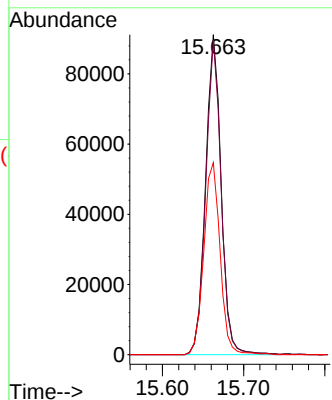
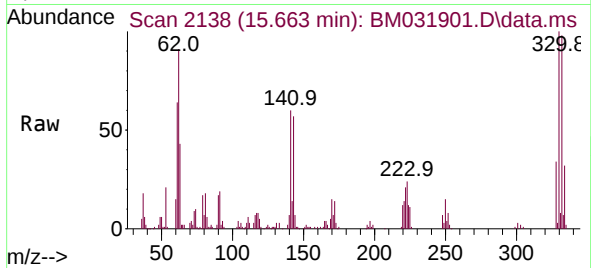




#42
2,4,6-Tribromophenol
Concen: 131.030 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

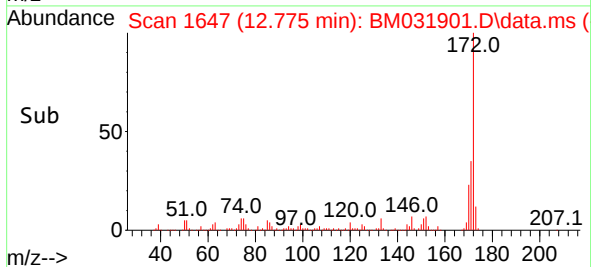
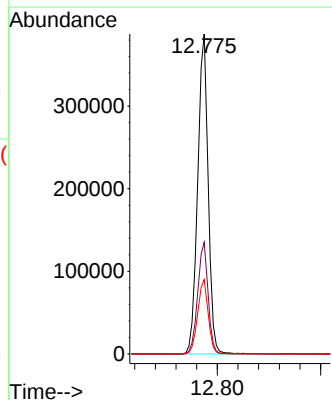
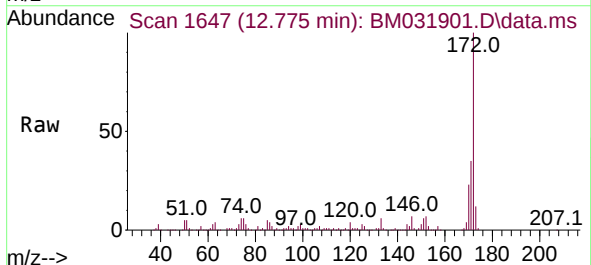
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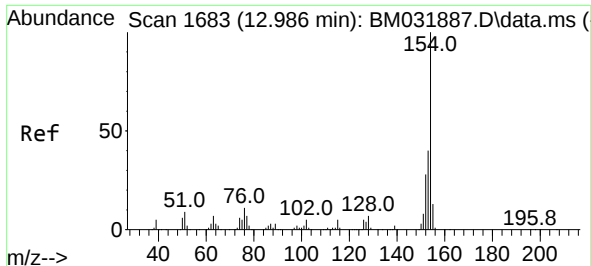
Tgt Ion:330 Resp: 121768
Ion Ratio Lower Upper
330 100
332 96.8 75.7 113.5
141 62.8 50.7 76.1



#45
2-Fluorobiphenyl
Concen: 91.511 ng
RT: 12.775 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

Tgt Ion:172 Resp: 545306
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.2 18.6 27.8

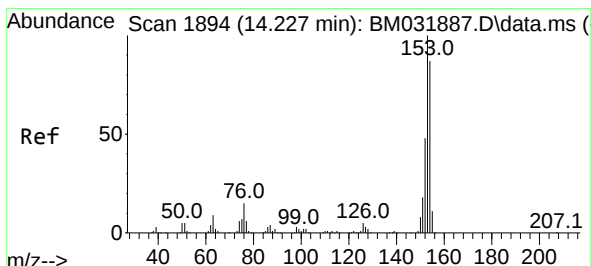
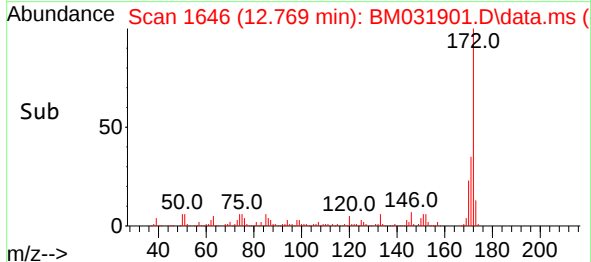
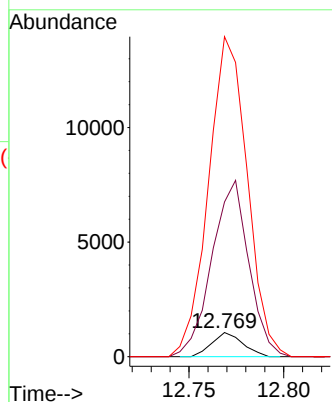
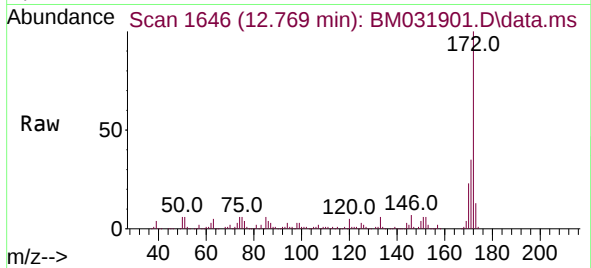




#46
1,1'-Biphenyl
Concen: 0.196 ng
RT: 12.769 min Scan# 1646
Delta R.T. -0.217 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

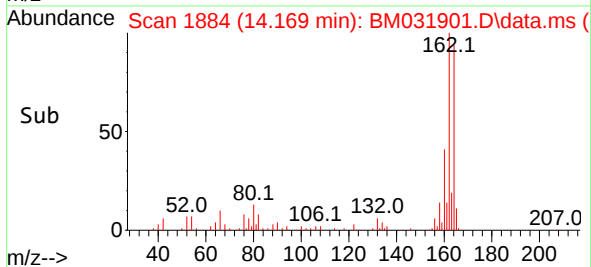
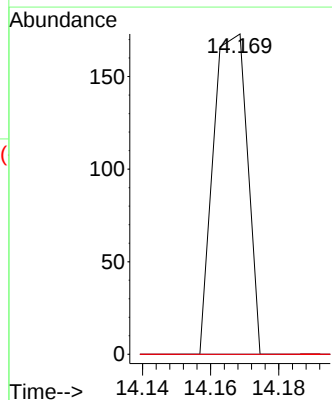
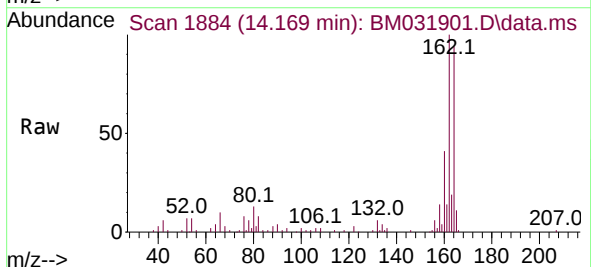
Instrument :
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ClientSampleId :
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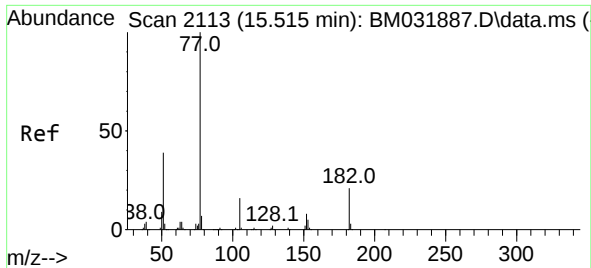
Tgt Ion:154 Resp: 1195
Ion Ratio Lower Upper
154 100
153 640.6 20.3 60.3#
76 1325.0 0.0 33.5#



#52
Acenaphthene
Concen: 0.026 ng
RT: 14.169 min Scan# 1884
Delta R.T. -0.059 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

Tgt Ion:154 Resp: 120
Ion Ratio Lower Upper
154 100
153 0.0 92.4 138.6#
152 0.0 43.7 65.5#

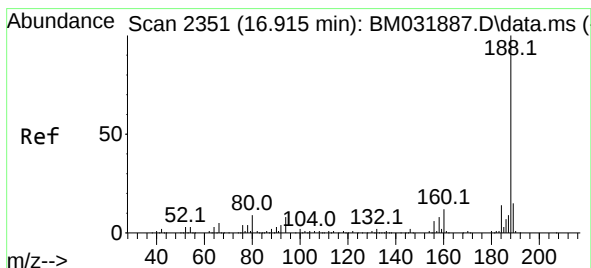
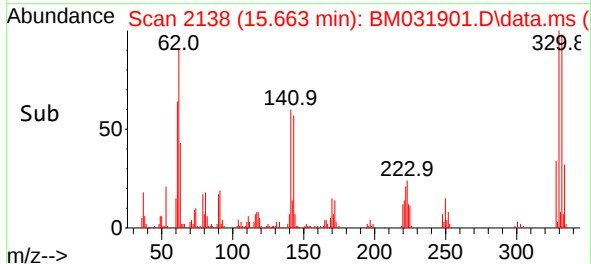
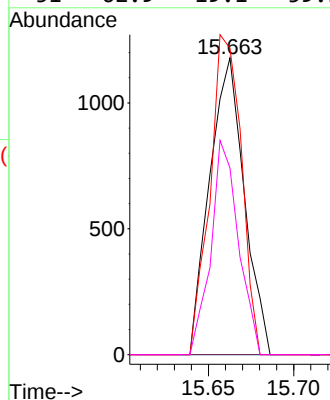
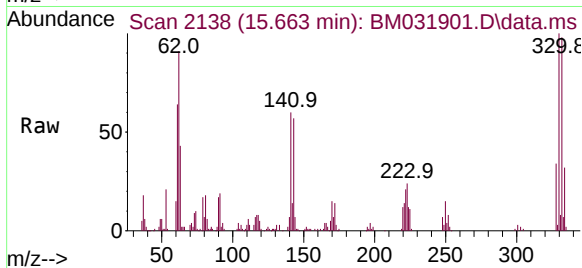




#63
Azobenzene
Concen: 0.222 ng
RT: 15.663 min Scan# 2138
Delta R.T. 0.147 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

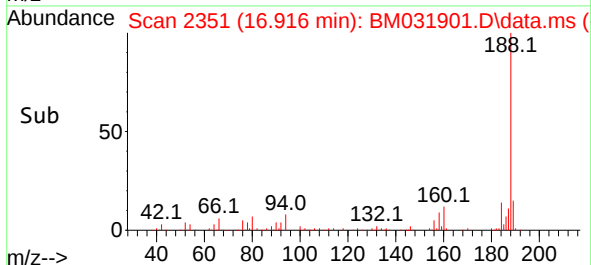
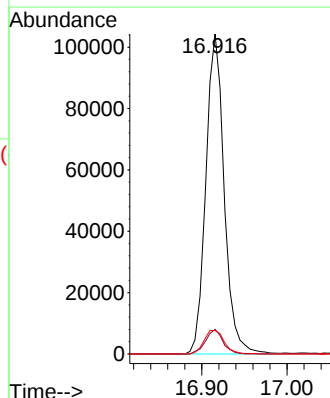
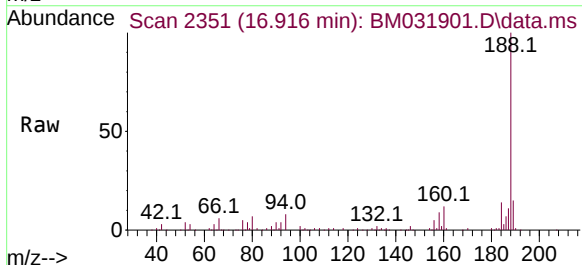
Instrument :
BNA_M
ClientSampleId :
PB138117BL

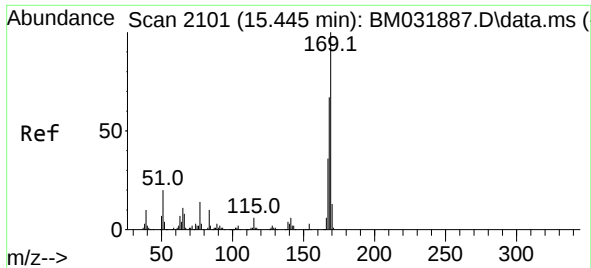
Tgt Ion: 77	Resp: 1667
Ion Ratio	Lower Upper
77 100	
182 0.0	0.0 39.3
105 103.2	0.0 36.1#
51 62.9	19.1 59.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.916 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

Tgt Ion: 188	Resp: 156140
Ion Ratio	Lower Upper
188 100	
94 7.7	6.3 9.5
80 7.3	7.3 10.9

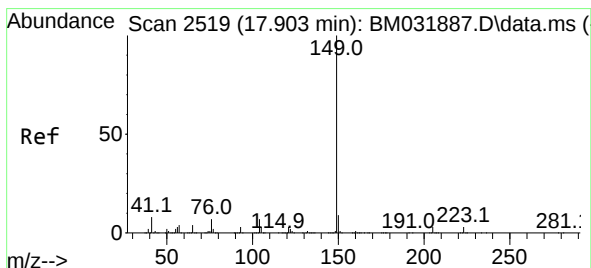
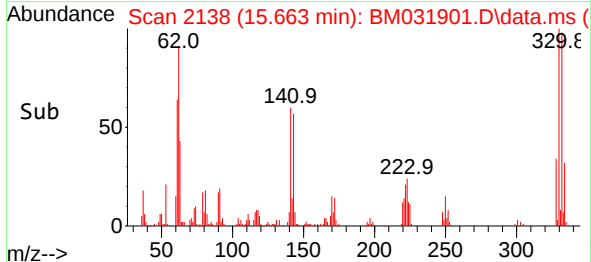
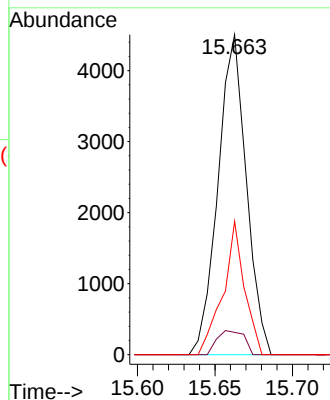
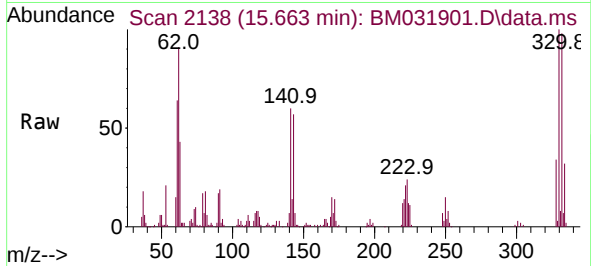




#66
n-Nitrosodiphenylamine
Concen: 1.099 ng
RT: 15.663 min Scan# 2138
Delta R.T. 0.218 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

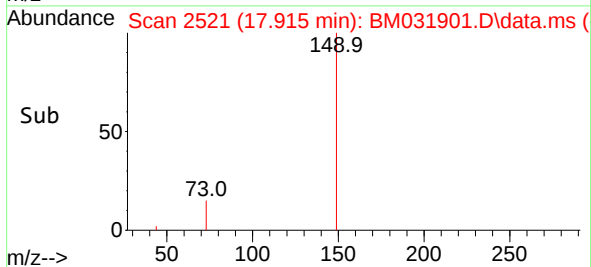
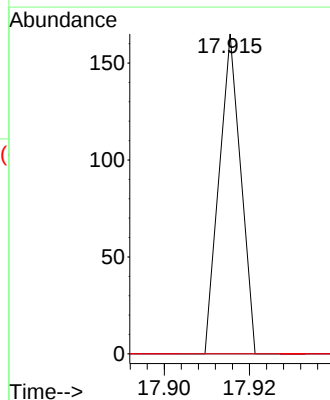
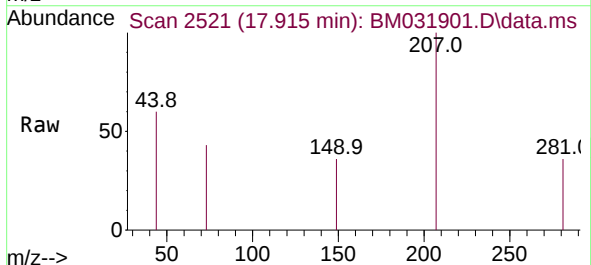
Instrument :
BNA_M
ClientSampleId :
PB138117BL

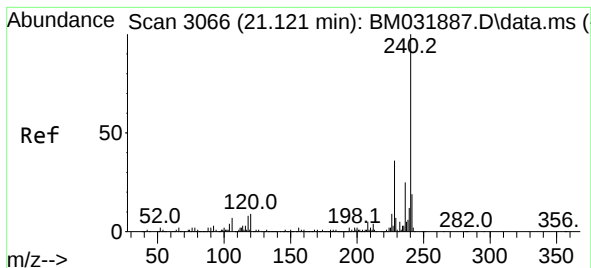
Tgt Ion:169 Resp: 5721
Ion Ratio Lower Upper
169 100
168 6.9 55.0 82.4#
167 41.7 29.8 44.8



#74
Di-n-butylphthalate
Concen: 0.005 ng
RT: 17.915 min Scan# 2521
Delta R.T. 0.012 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

Tgt Ion:149 Resp: 58
Ion Ratio Lower Upper
149 100
150 0.0 7.3 10.9#
104 0.0 5.6 8.4#

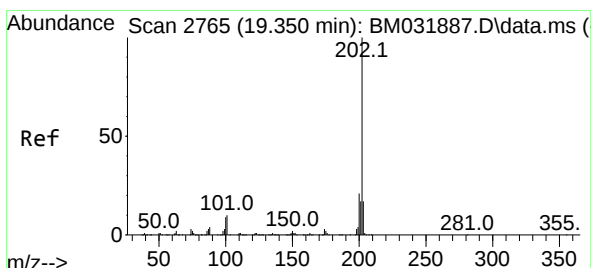
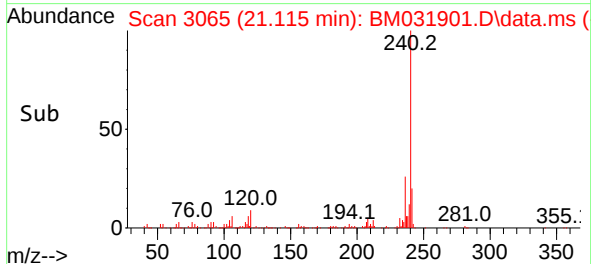
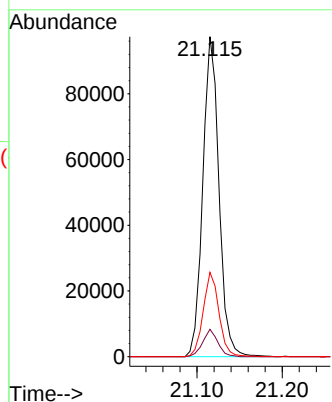
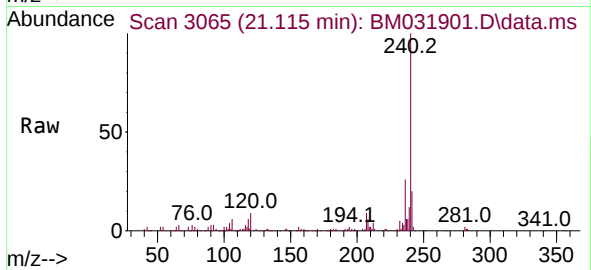




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.115 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

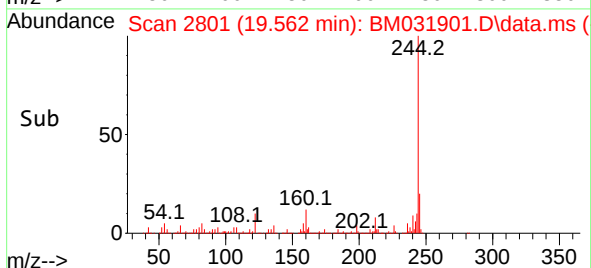
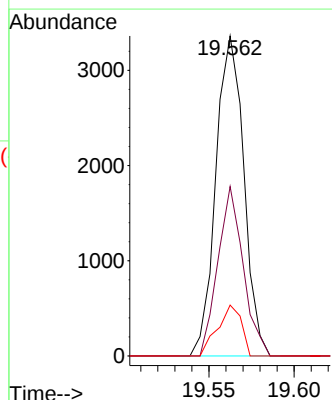
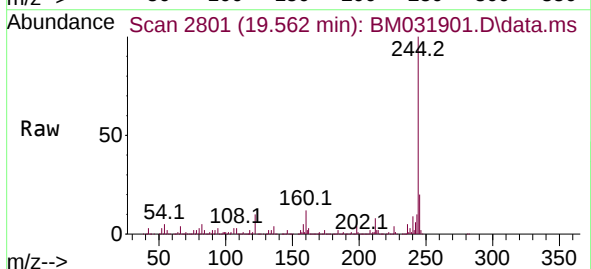
Instrument :
BNA_M
ClientSampleId :
PB138117BL

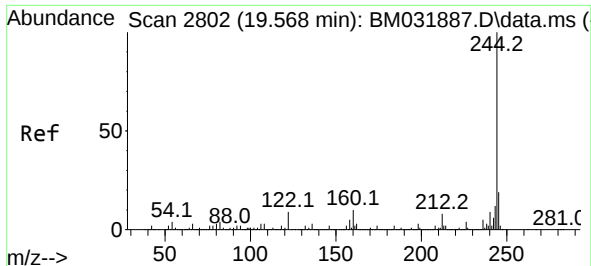
Tgt Ion:240 Resp: 128054
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 26.4 20.9 31.3



#78
Pyrene
Concen: 0.358 ng
RT: 19.562 min Scan# 2801
Delta R.T. 0.212 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

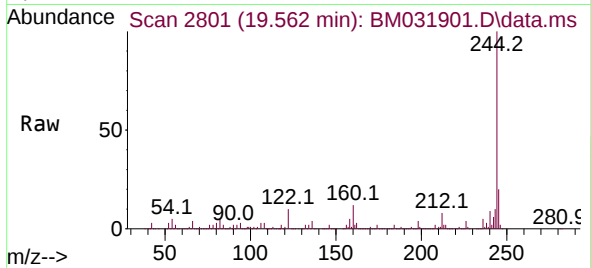
Tgt Ion:202 Resp: 3835
Ion Ratio Lower Upper
202 100
200 53.0 16.6 25.0#
203 15.9 13.7 20.5



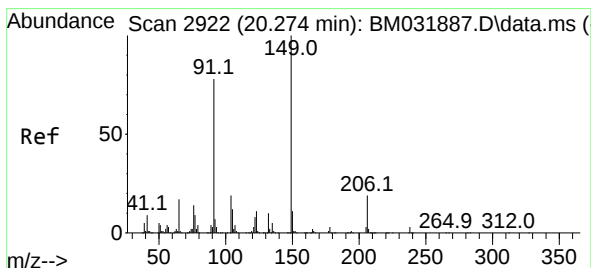
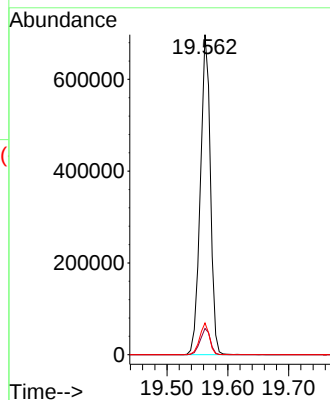
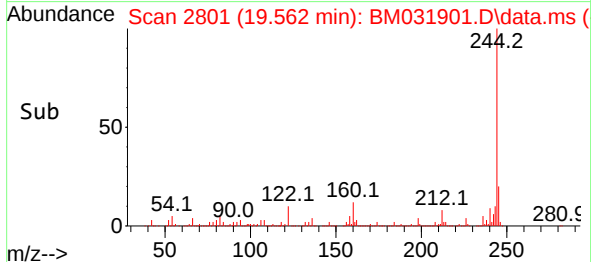


#79
Terphenyl-d14
Concen: 90.024 ng
RT: 19.562 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

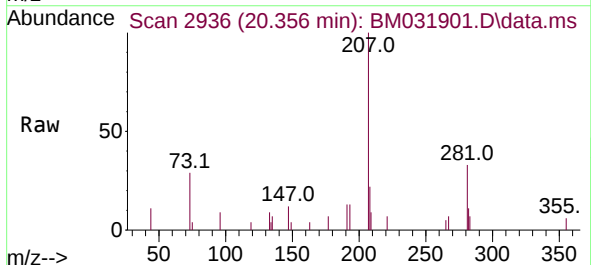
Instrument :
BNA_M
ClientSampleId :
PB138117BL



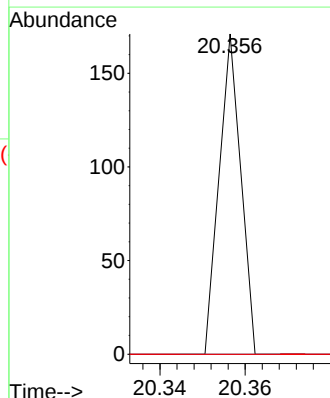
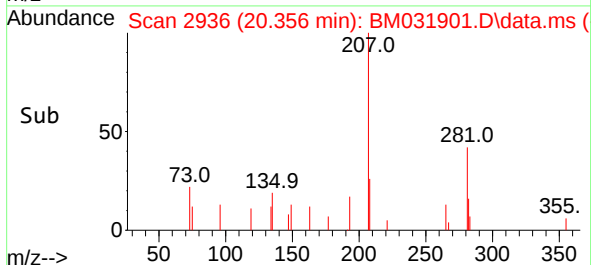
Tgt Ion:244 Resp: 798615
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 9.9 8.7 13.1

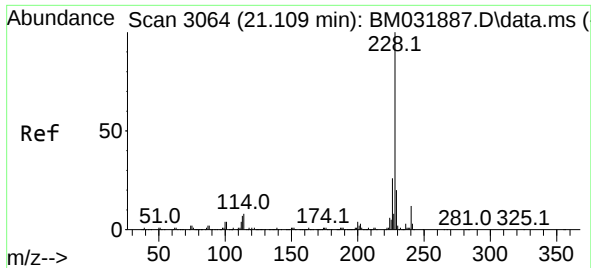


#80
Butylbenzylphthalate
Concen: 0.013 ng
RT: 20.356 min Scan# 2936
Delta R.T. 0.083 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31



Tgt Ion:149 Resp: 60
Ion Ratio Lower Upper
149 100
91 0.0 64.0 96.0#
206 0.0 14.4 21.6#

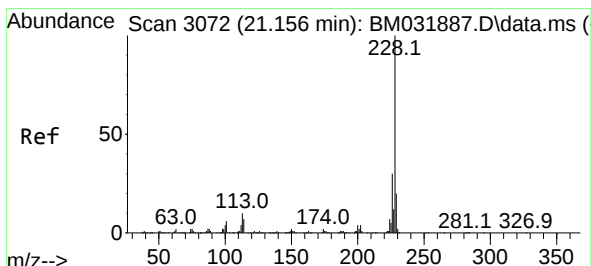
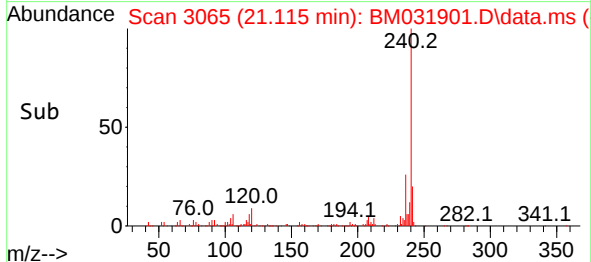
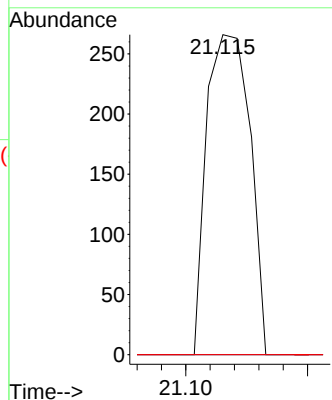
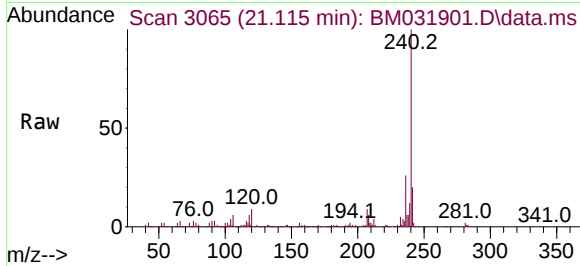




#81
Benzo(a)anthracene
Concen: 0.036 ng
RT: 21.115 min Scan# 3065
Delta R.T. 0.006 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

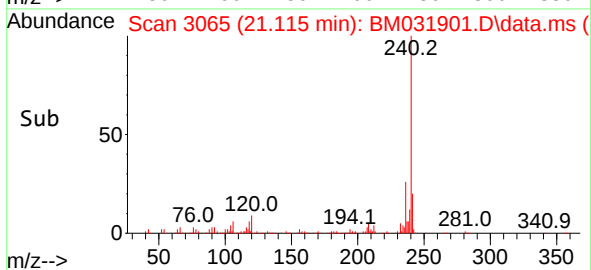
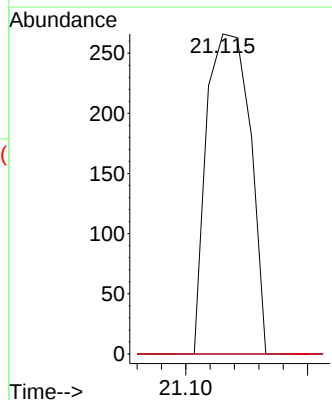
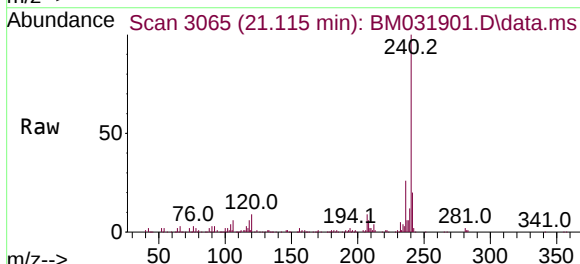
Instrument :
BNA_M
ClientSampleId :
PB138117BL

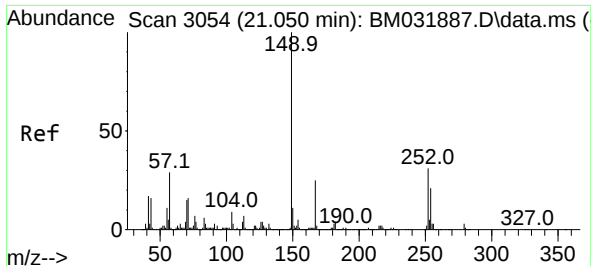
Tgt Ion:228 Resp: 329
Ion Ratio Lower Upper
228 100
226 0.0 21.4 32.2#
229 0.0 15.3 22.9#



#83
Chrysene
Concen: 0.037 ng
RT: 21.115 min Scan# 3065
Delta R.T. -0.041 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

Tgt Ion:228 Resp: 329
Ion Ratio Lower Upper
228 100
226 0.0 24.0 36.0#
229 0.0 16.0 24.0#

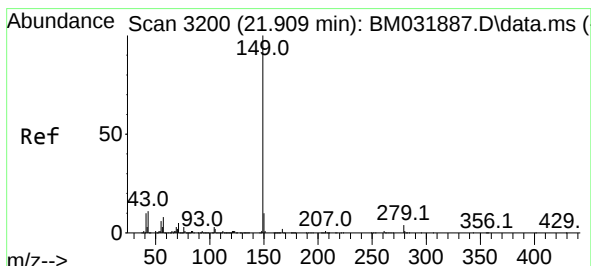
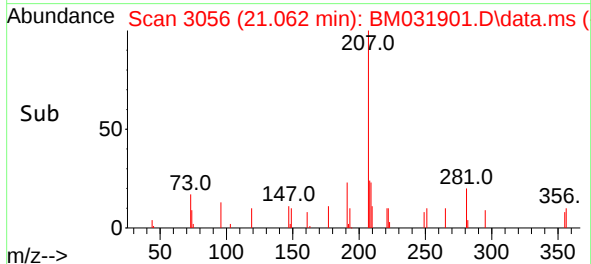
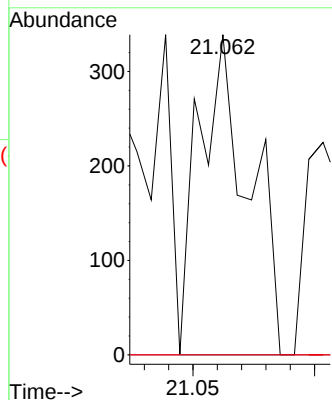
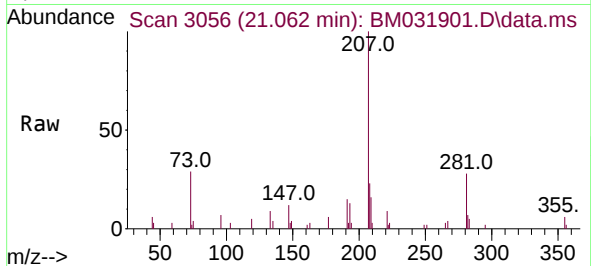




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.062 min Scan# 3056
 Delta R.T. 0.012 min
 Lab File: BM031901.D
 Acq: 25 Aug 2021 22:31

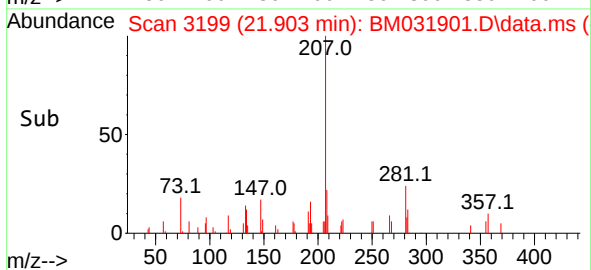
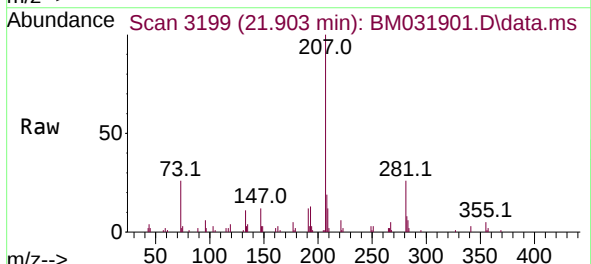
Instrument :
 BNA_M
 ClientSampleId :
 PB138117BL

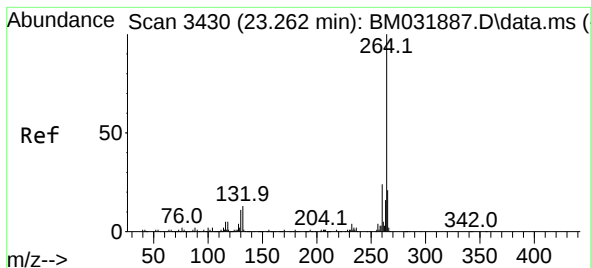
Tgt Ion:149 Resp: 484
 Ion Ratio Lower Upper
 149 100
 167 0.0 19.7 29.5#
 279 0.0 2.6 4.0#



#85
 Di-n-octyl phthalate
 Concen: 0.053 ng
 RT: 21.903 min Scan# 3199
 Delta R.T. -0.006 min
 Lab File: BM031901.D
 Acq: 25 Aug 2021 22:31

Tgt Ion:149 Resp: 527
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 23.1 10.4 15.6#

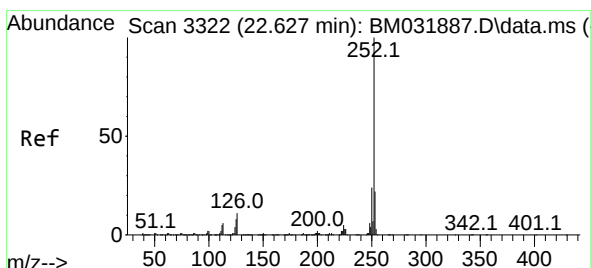
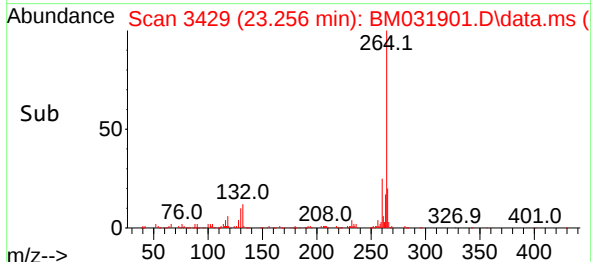
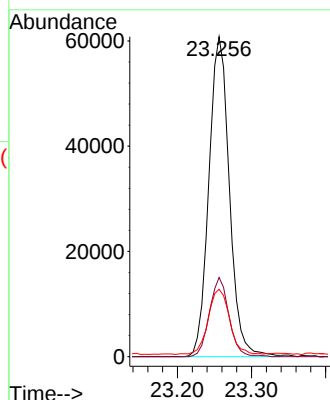
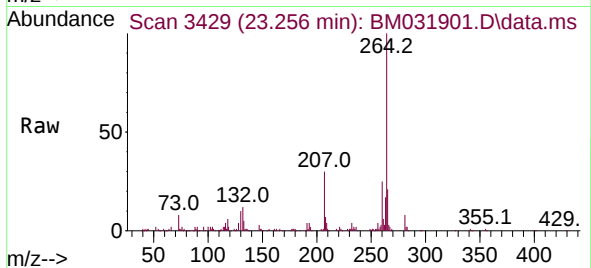




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.256 min Scan# 3429
 Delta R.T. -0.006 min
 Lab File: BM031901.D
 Acq: 25 Aug 2021 22:31

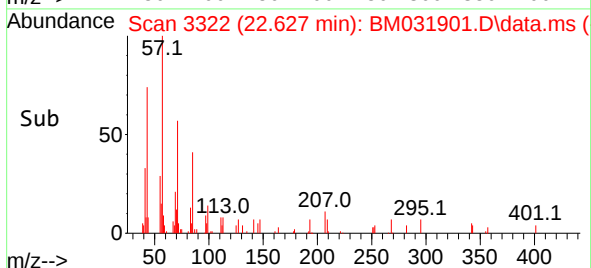
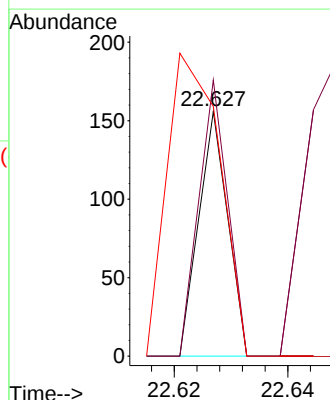
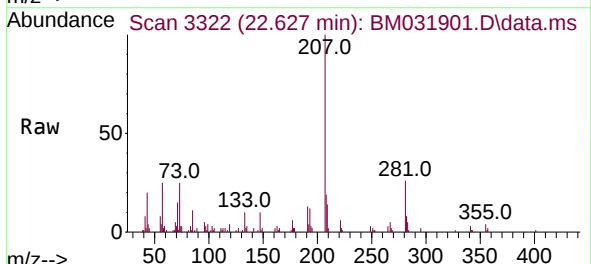
Instrument :
 BNA_M
 ClientSampleId :
 PB138117BL

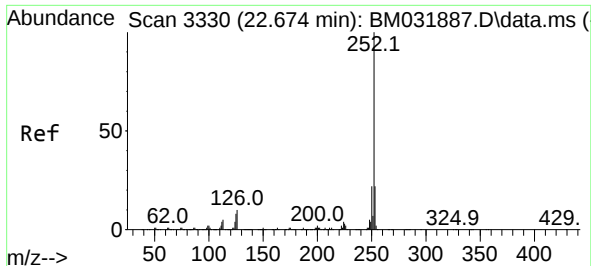
Tgt Ion:264	Resp:	117147
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.3 28.9
265	21.1	18.3 27.5



#88
 Benzo(b)fluoranthene
 Concen: 0.006 ng
 RT: 22.627 min Scan# 3322
 Delta R.T. 0.000 min
 Lab File: BM031901.D
 Acq: 25 Aug 2021 22:31

Tgt Ion:252	Resp:	55
Ion Ratio	Lower	Upper
252	100	
253	112.8	18.0 27.0#
125	101.9	7.5 11.3#

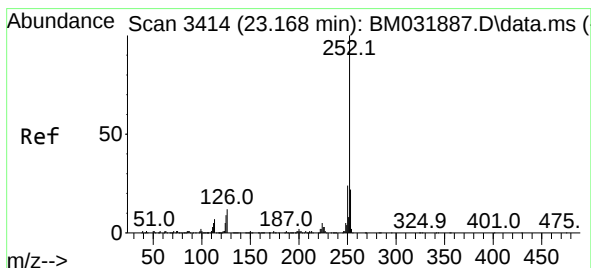
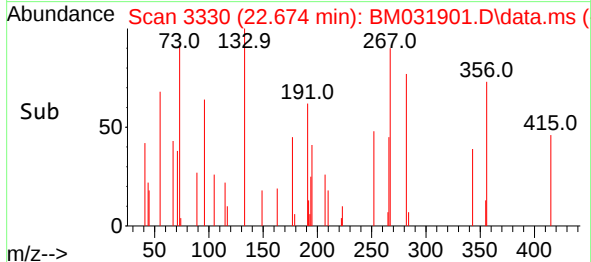
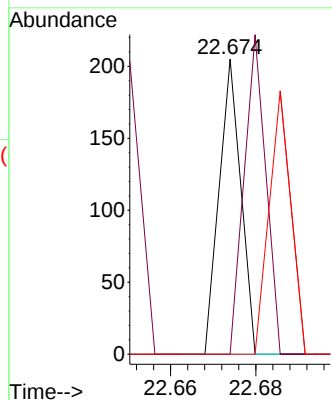
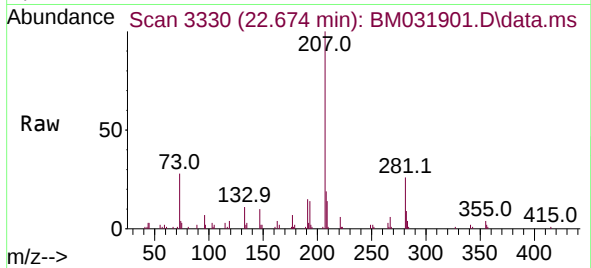




#89
Benzo(k)fluoranthene
Concen: 0.009 ng
RT: 22.674 min Scan# 3330
Delta R.T. 0.000 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

Instrument :
BNA_M
ClientSampleId :
PB138117BL

Tgt Ion:	252	Resp:	72
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.3	25.9#
125	0.0	7.5	11.3#



#90
Benzo(a)pyrene
Concen: 0.017 ng
RT: 23.156 min Scan# 3412
Delta R.T. -0.012 min
Lab File: BM031901.D
Acq: 25 Aug 2021 22:31

Tgt Ion:	252	Resp:	132
Ion Ratio	Lower	Upper	
252	100		
253	96.2	17.4	26.2#
125	165.4	8.1	12.1#

